

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050919\
 Data File : VX009467.D
 Acq On : 10 May 2019 07:19
 Operator : JC/SP
 Sample : K2782-08MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW592-190507MS

Manual Integrations
 APPROVED

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 5/10/2019 1:12:56 PM

Quant Time: May 10 09:17:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	154473	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	253900	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	232017	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	115668	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	111066	52.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.34%	
35) Dibromofluoromethane	5.50	113	81900	51.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.62%	
50) Toluene-d8	8.71	98	327438	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
62) 4-Bromofluorobenzene	11.13	95	119852	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	69800	49.034	ug/l	99
3) Chloromethane	1.32	50	103850	53.436	ug/l	100
4) Vinyl Chloride	1.41	62	102586	54.132	ug/l	98
5) Bromomethane	1.64	94	57873	50.879	ug/l	98
6) Chloroethane	1.71	64	66566	54.709	ug/l	99
7) Trichlorofluoromethane	1.93	101	128560	55.809	ug/l	98
8) Diethyl Ether	2.19	74	59525	54.552	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	76736	53.046	ug/l	99
10) Methyl Iodide	2.51	142	92838	54.754	ug/l	99
11) Tert butyl alcohol	3.05	59	121776	249.479	ug/l	99
12) 1,1-Dichloroethene	2.37	96	79547	54.883	ug/l	98
13) Acrolein	2.29	56	110796	250.636	ug/l	99
14) Allyl chloride	2.73	41	180783	51.181	ug/l	99
15) Acrylonitrile	3.14	53	321080	269.025	ug/l	99
16) Acetone	2.44	43	272653	240.793	ug/l	97
17) Carbon Disulfide	2.57	76	230505	56.645	ug/l	100
18) Methyl Acetate	2.77	43	121334	45.058	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	304320	54.069	ug/l	100
20) Methylene Chloride	2.85	84	96227	52.486	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	86174	54.822	ug/l	99
22) Diisopropyl ether	3.85	45	366947	54.020	ug/l	99
23) Vinyl Acetate	3.81	43	1490383	256.221	ug/l	100
24) 1,1-Dichloroethane	3.70	63	180611	53.898	ug/l	99
25) 2-Butanone	4.67	43	466469	265.103	ug/l	99
26) 2,2-Dichloropropane	4.58	77	85922	34.448	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	102841	54.813	ug/l	94
28) Bromochloromethane	5.02	49	69494	51.606	ug/l	99
29) Tetrahydrofuran	5.13	42	310874	274.556	ug/l	99
30) Chloroform	5.21	83	166318	54.877	ug/l	99
31) Cyclohexane	5.58	56	173298	55.586	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	137630	54.551	ug/l	99
36) 1,1-Dichloropropene	5.80	75	125933	53.372	ug/l	100
37) Ethyl Acetate	4.83	43	162071	49.299	ug/l	99
38) Carbon Tetrachloride	5.79	117	115436	53.847	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	151920	52.427	ug/l	99
40) Benzene	6.14	78	394330	54.001	ug/l	99
41) Methacrylonitrile	5.04	41	102483	52.368	ug/l	99
42) 1,2-Dichloroethane	6.19	62	141440	53.996	ug/l	100
43) Isopropyl Acetate	6.45	43	266700	50.717	ug/l	100
44) Trichloroethene	7.21	130	93304	52.853	ug/l	100
45) 1,2-Dichloropropane	7.51	63	110466	53.424	ug/l	96
46) Dibromomethane	7.66	93	63307	52.723	ug/l	97
47) Bromodichloromethane	7.90	83	128463	53.634	ug/l	98
48) Methyl methacrylate	7.77	41	142909	54.777	ug/l	98
49) 1,4-Dioxane	7.74	88	48628	919.102	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	929131	270.323	ug/l	100
52) Toluene	8.78	92	240108	54.092	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	138648	51.272	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	152321	50.891	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	97207	53.678	ug/l	98
56) Ethyl methacrylate	9.18	69	175597	54.320	ug/l	99
57) 1,3-Dichloropropane	9.37	76	172598	54.160	ug/l	100
59) 2-Hexanone	9.49	43	724378	268.342	ug/l	99
60) Dibromochloromethane	9.58	129	96874	54.771	ug/l	100
61) 1,2-Dibromoethane	9.67	107	99390	54.370	ug/l	99
64) Tetrachloroethene	9.34	164	80526	50.596	ug/l	100
65) Chlorobenzene	10.13	112	247124	53.244	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	90918	54.031	ug/l	99
67) Ethyl Benzene	10.25	91	459006	53.736	ug/l	100
68) m/p-Xylenes	10.36	106	338212	108.350	ug/l	100
69) o-Xylene	10.69	106	165081	53.601	ug/l	99
70) Stvrene	10.71	104	288384	53.874	ug/l	100
71) Bromoform	10.85	173	73729	53.917	ug/l #	99
73) Isopropylbenzene	11.02	105	436738	51.923	ug/l	99
74) N-amyl acetate	10.90	43	235358	47.995	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	162620	51.863	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	137455m	51.230	ug/l	
77) Bromobenzene	11.26	156	110313	52.839	ug/l	98
78) n-propylbenzene	11.36	91	500273	52.079	ug/l	99
79) 2-Chlorotoluene	11.42	91	299812	50.589	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	370560	52.322	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	48139	45.906	ug/l	97
82) 4-Chlorotoluene	11.51	91	345217	51.562	ug/l	100
83) tert-Butylbenzene	11.77	119	357503	51.890	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	371708	52.288	ug/l	99
85) sec-Butylbenzene	11.94	105	417631	51.129	ug/l	100
86) p-Isopropyltoluene	12.06	119	377947	51.469	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	193406	51.967	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	192425	51.284	ug/l	99
89) n-Butylbenzene	12.38	91	334371	50.380	ug/l	100
90) Hexachloroethane	12.60	117	65042	51.991	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	197401	52.075	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	36115	51.343	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	134079	51.723	ug/l	99

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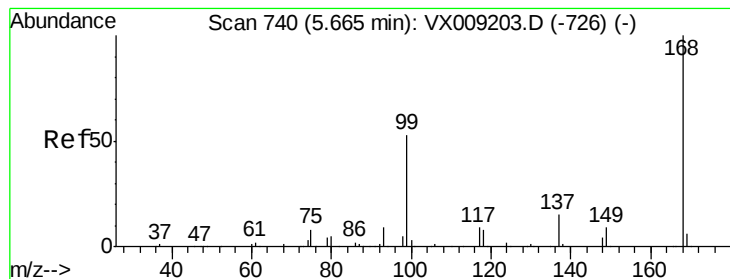
Manual Integrations
APPROVED

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5/10/2019 1:12:56 PM

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	66195	50.006	ug/l	99
95) Naphthalene	13.83	128	440835	52.271	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	136082	51.789	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



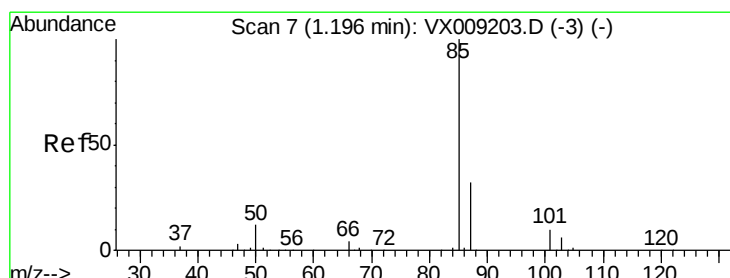
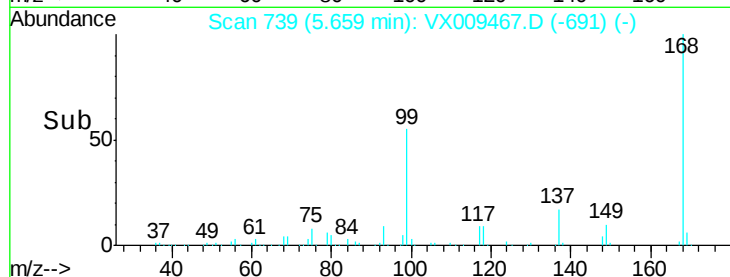
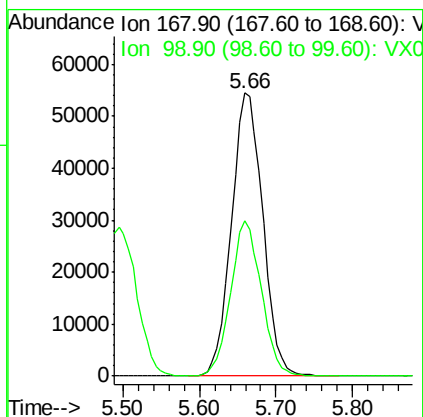
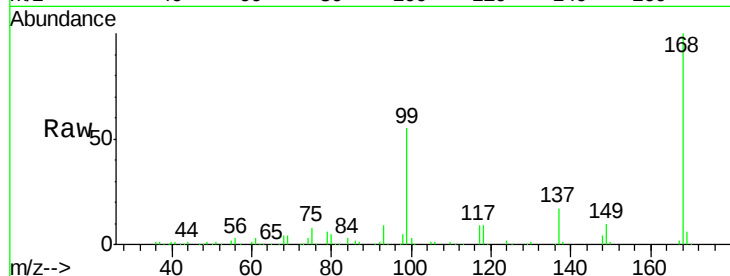
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.01 min
Lab File: VX009467.D
Acq: 10 May 2019 07:19

Instrument :
MSVOA_X
ClientSampleId :
SS052MW592-190507MS

Tot Ion	Ratio	Lower	Upper
168	100		
99	54.5	42.3	63.5

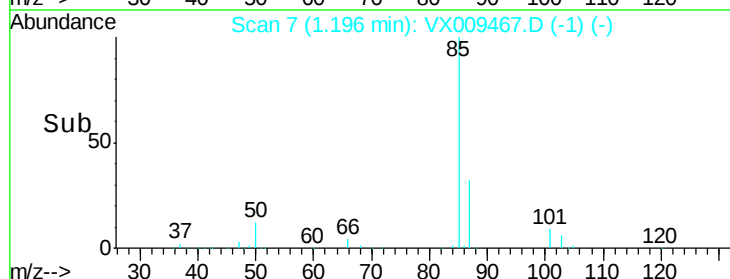
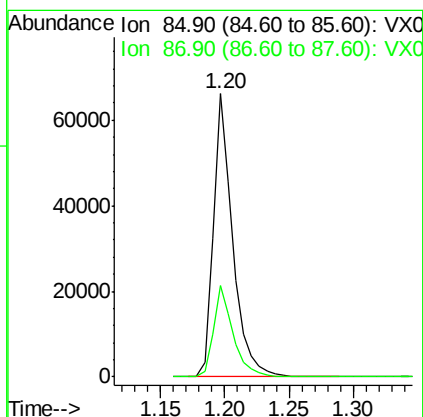
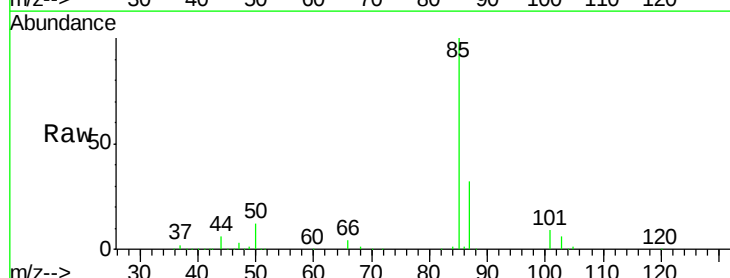
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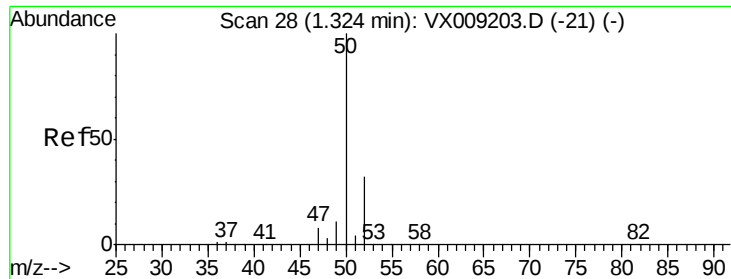
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#2
Dichlorodifluoromethane
Concen: 49.034 ug/l
RT: 1.20 min Scan# 7
Delta R.T. 0.00 min
Lab File: VX009467.D
Acq: 10 May 2019 07:19

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.5	16.1	48.3





#3

Chloromethane

Concen: 53.436 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX009467.D

Acq: 10 May 2019 07:19

Instrument :

MSVOA_X

ClientSampleId :

SS052MW592-190507MS

Tot Ion: 50 Resp: 103850

Ion Ratio Lower Upper

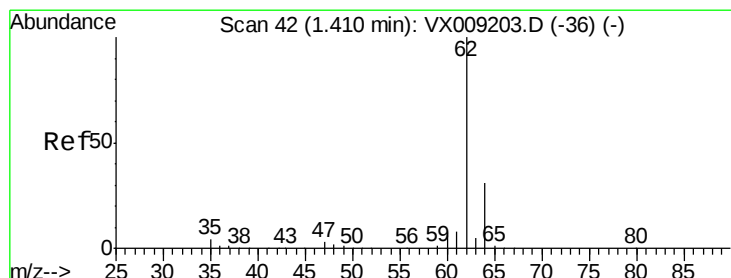
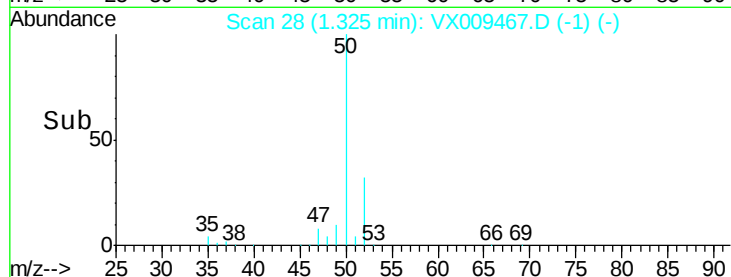
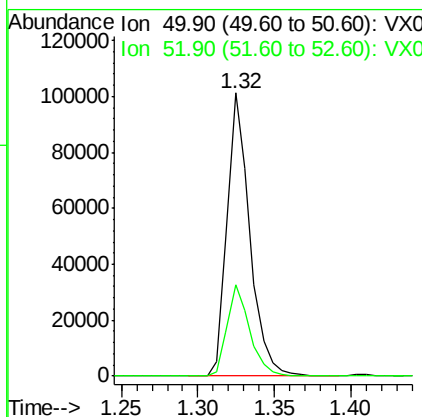
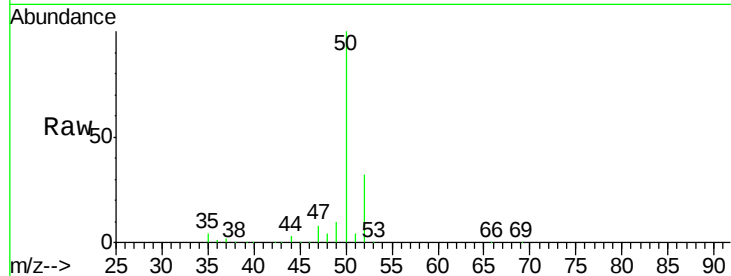
50 100

52 32.3 25.9 38.9

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#4

Vinyl Chloride

Concen: 54.132 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX009467.D

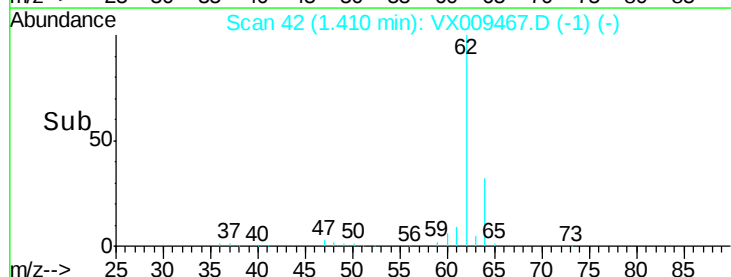
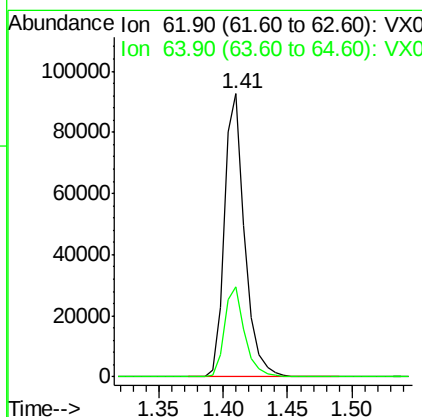
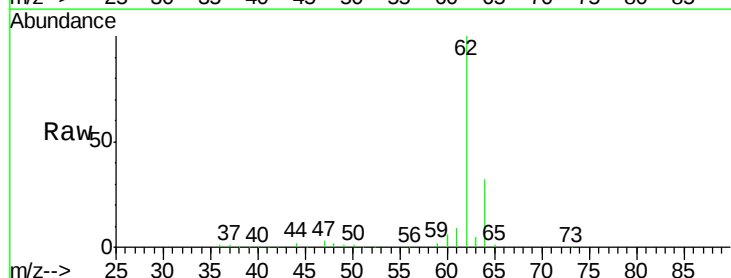
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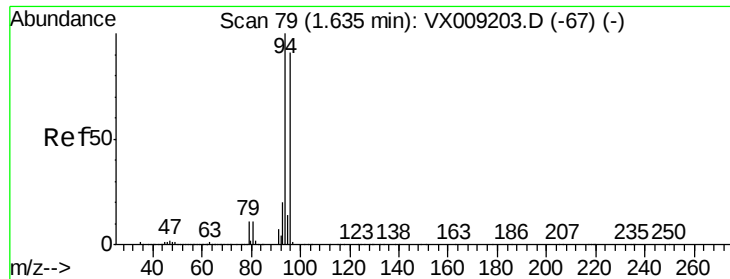
Tgt Ion: 62 Resp: 102586

Ion Ratio Lower Upper

62 100

64 31.9 24.6 36.8





#5

Bromomethane

Concen: 50.879 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009467.D

Acq: 10 May 2019 07:19

Instrument :

MSVOA_X

ClientSampleId :

SS052MW592-190507MS

Tot Ion: 94 Resp: 57873

Ion Ratio Lower Upper

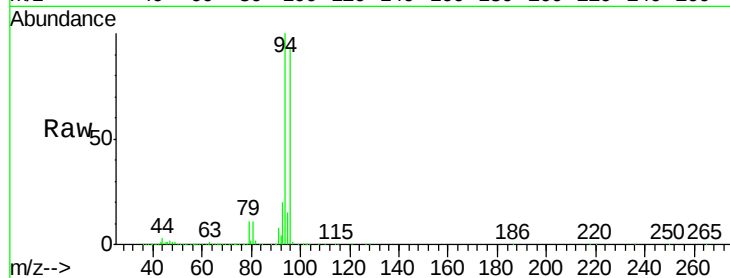
94 100

96 93.3 73.0 109.6

Manual Integrations
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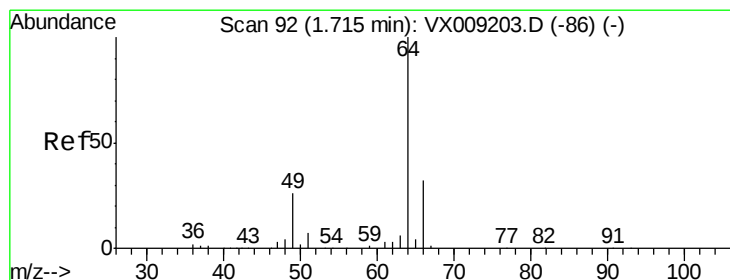
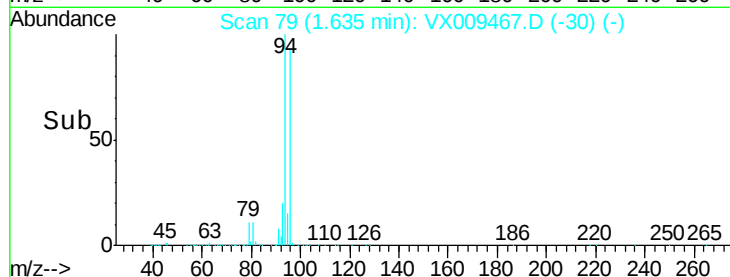
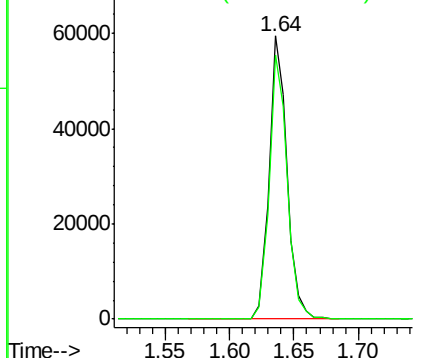
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 54.709 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX009467.D

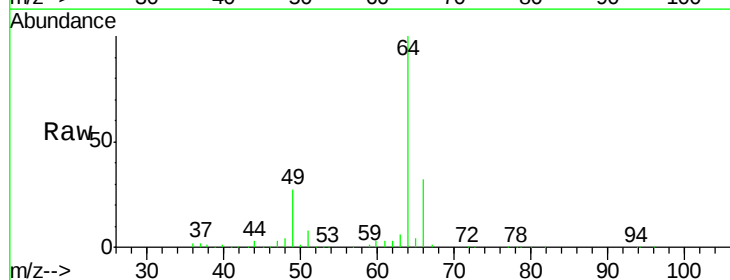
Acq: 10 May 2019 07:19

Tgt Ion: 64 Resp: 66566

Ion Ratio Lower Upper

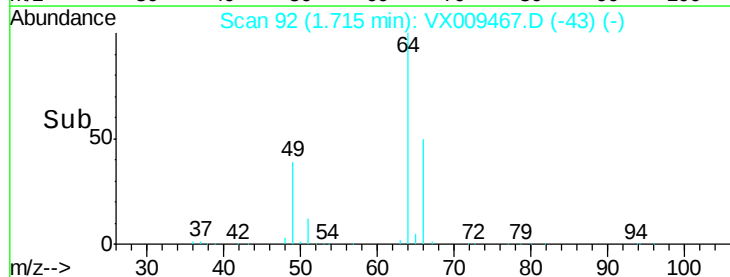
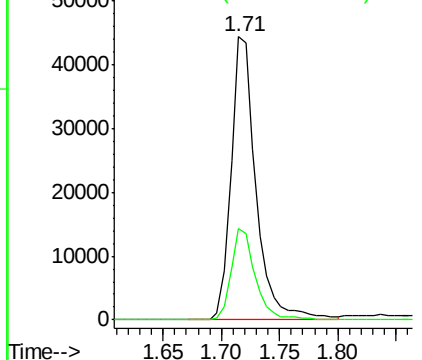
64 100

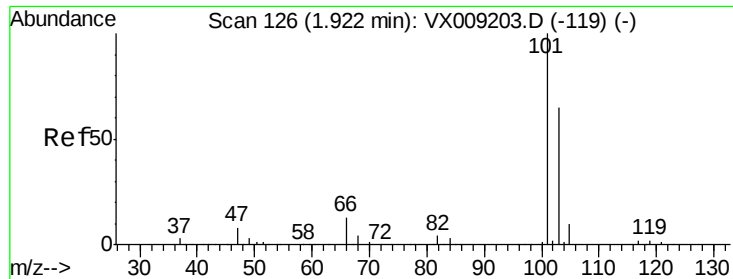
66 32.2 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

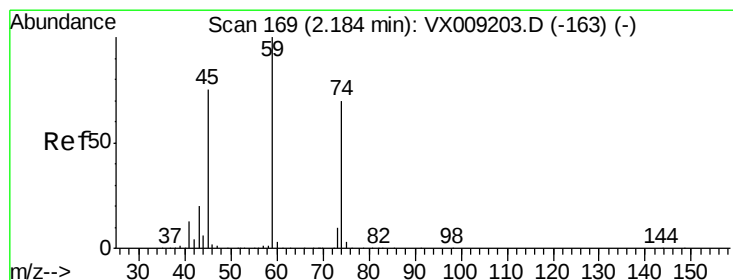
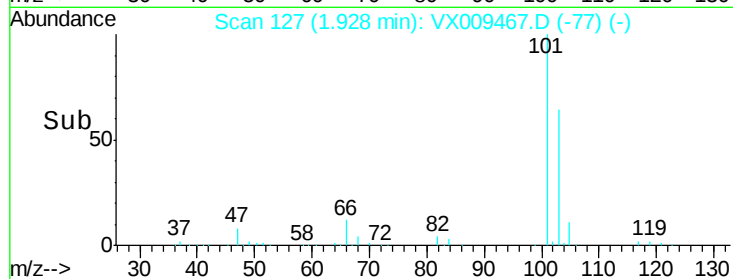
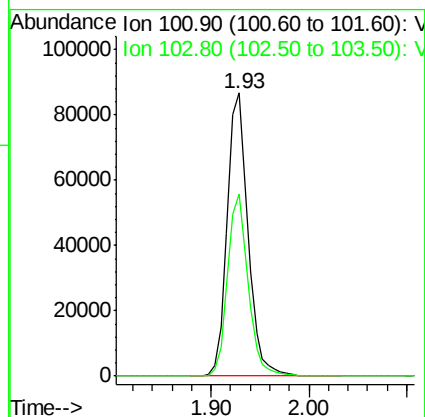
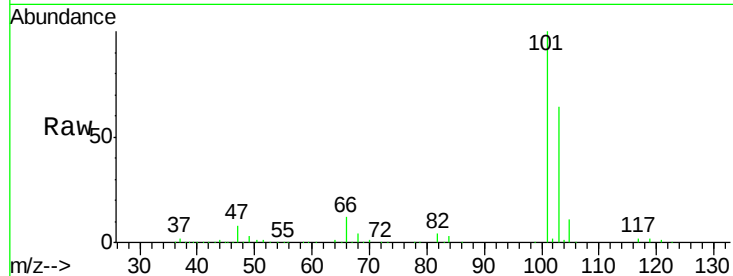
Trichlorofluoromethane
 Concen: 55.809 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX009467.D
 Acq: 10 May 2019 07:19

Instrument :
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		128560		
103	64.2	52.4	78.6		

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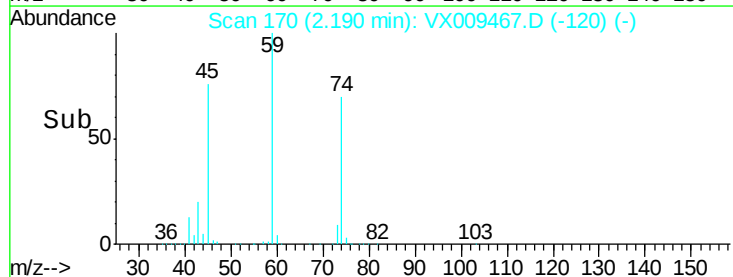
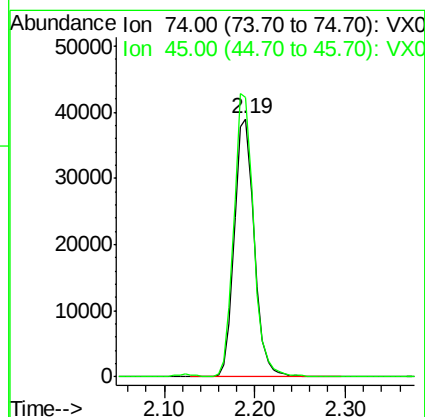
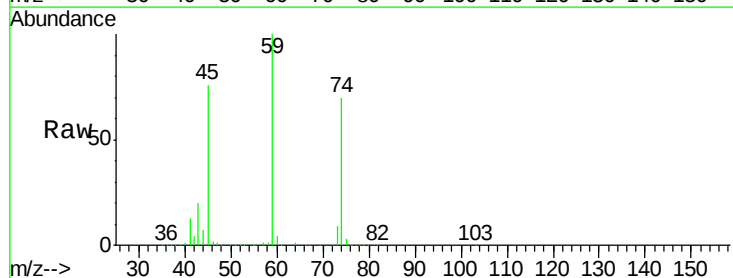
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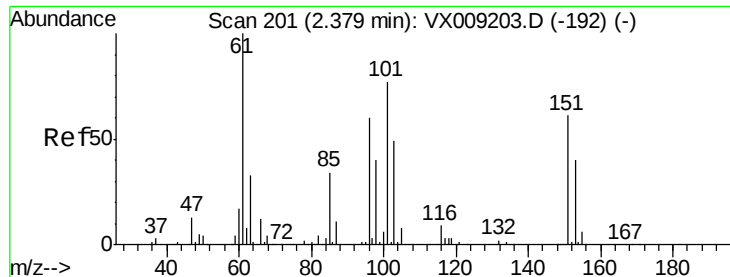


#8

Diethyl Ether
 Concen: 54.552 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX009467.D
 Acq: 10 May 2019 07:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		59525		
45	108.2	53.3	159.9		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.046 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX009467.D

Acq: 10 May 2019 07:19

Instrument :

MSVOA_X

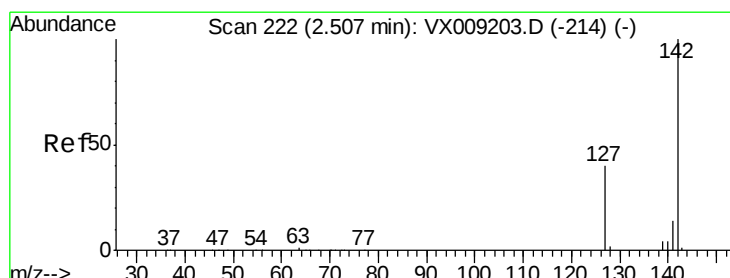
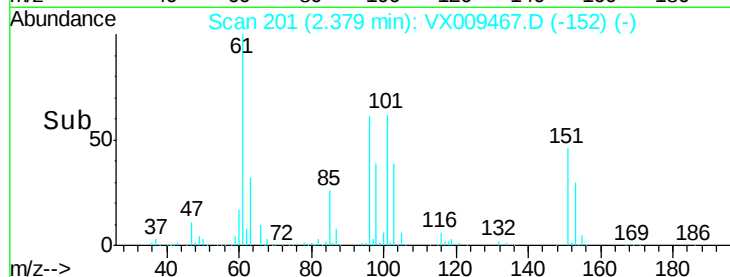
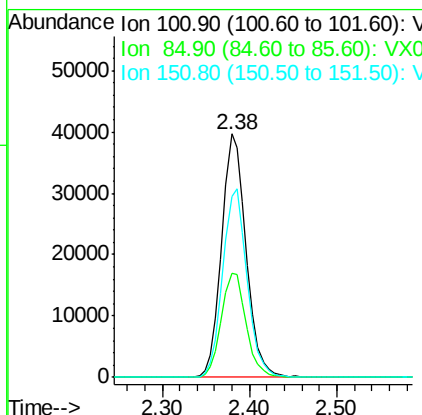
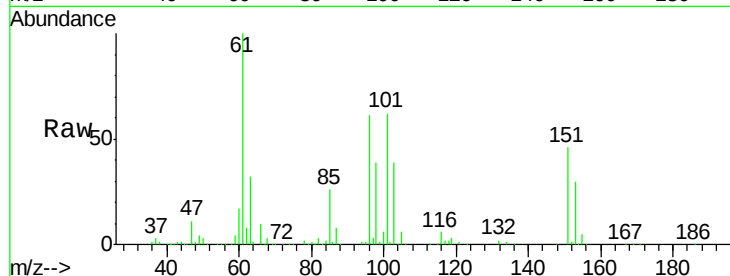
ClientSampleId :

SS052MW592-190507MS

Tot Ion:	101	Resp:	76736
Ion Ratio	Lower	Upper	
101	100		
85	43.5	35.7	53.5
151	77.6	62.2	93.2

Manual Integrations
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#10

Methyl Iodide

Concen: 54.754 ug/l

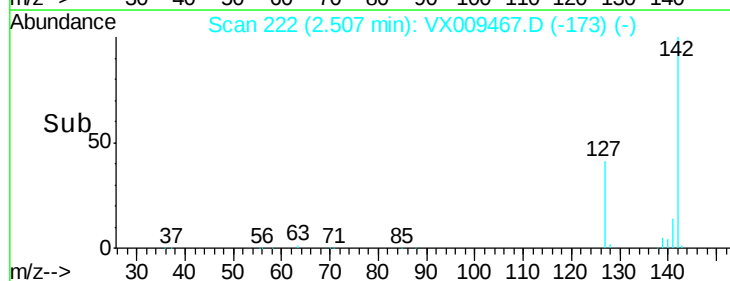
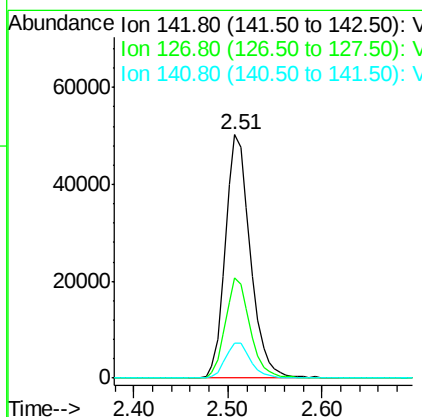
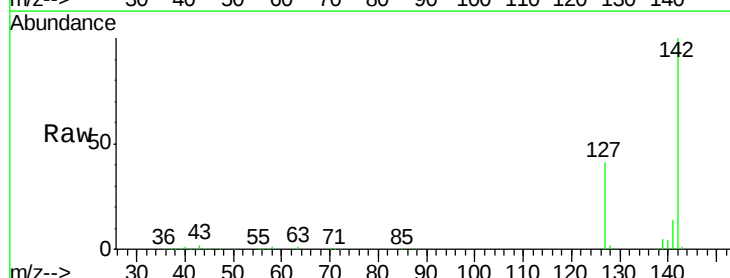
RT: 2.51 min Scan# 222

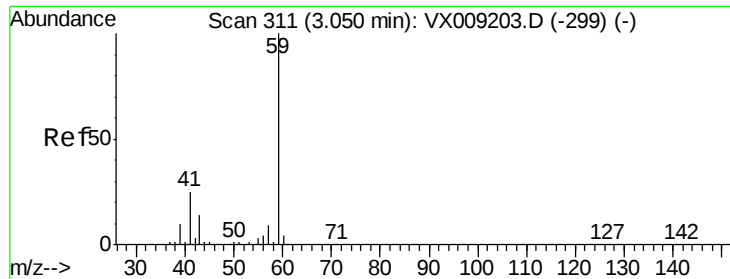
Delta R.T. 0.00 min

Lab File: VX009467.D

Acq: 10 May 2019 07:19

Tgt Ion:	142	Resp:	92838
Ion Ratio	Lower	Upper	
142	100		
127	40.7	32.7	49.1
141	14.7	11.5	17.3





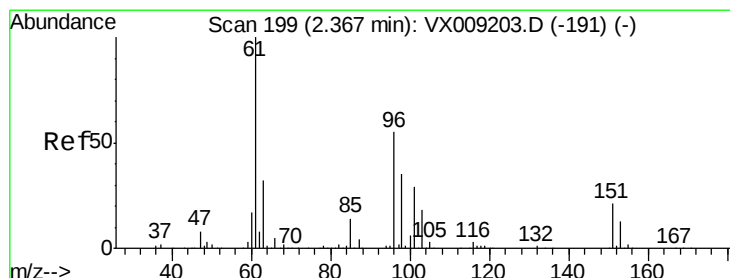
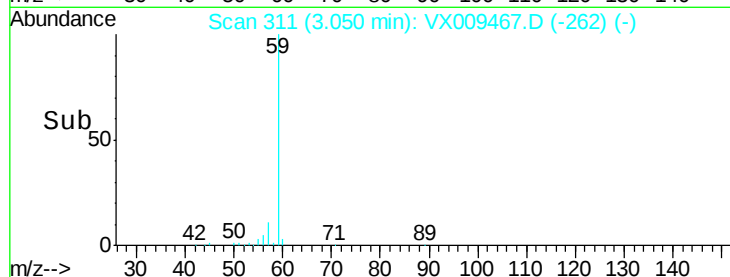
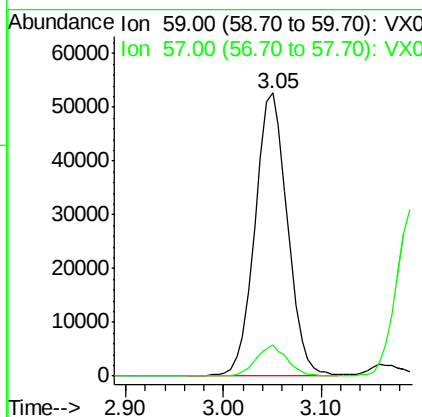
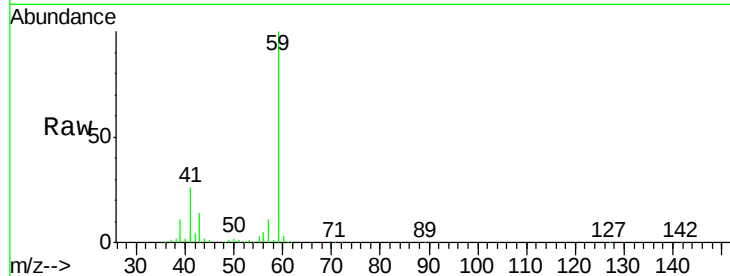
#11
Tert butyl alcohol
Concen: 249.479 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX009467.D
Acq: 10 May 2019 07:19

Instrument :
MSVOA_X
ClientSampleId :
SS052MW592-190507MS

Tot Ion: 59 Resp: 121776
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.2

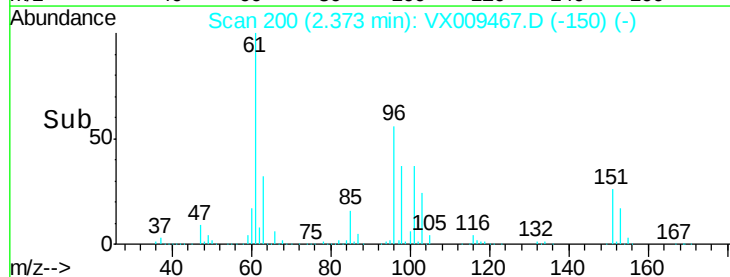
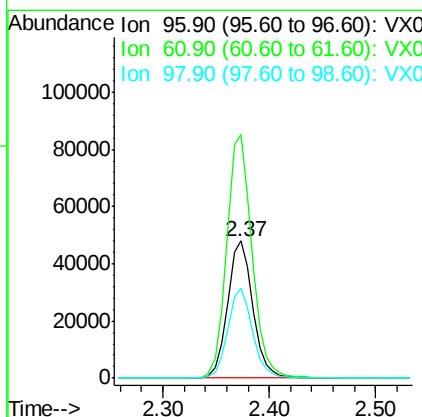
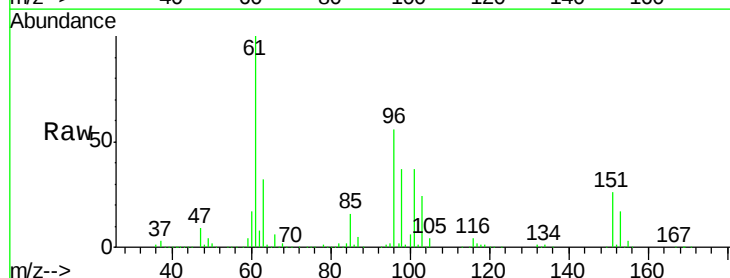
Manual Integrations
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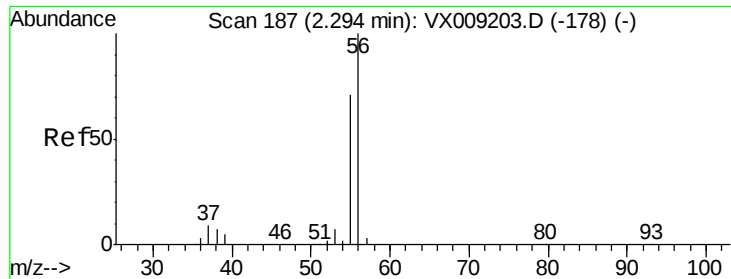
MMDadoda
5/10/2019 1:12:56 PM



#12
1,1-Dichloroethene
Concen: 54.883 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX009467.D
Acq: 10 May 2019 07:19

Tgt Ion: 96 Resp: 79547
Ion Ratio Lower Upper
96 100
61 177.9 144.3 216.5
98 65.9 50.3 75.5





#13

Acrolein

Concen: 250.636 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX009467.D

Acq: 10 May 2019 07:19

Instrument :

MSVOA_X

ClientSampleId :

SS052MW592-190507MS

Tot Ion: 56 Resp: 110796

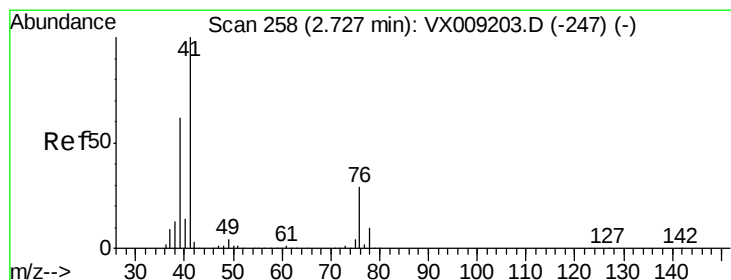
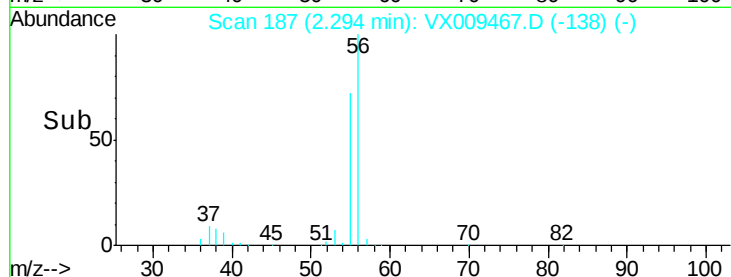
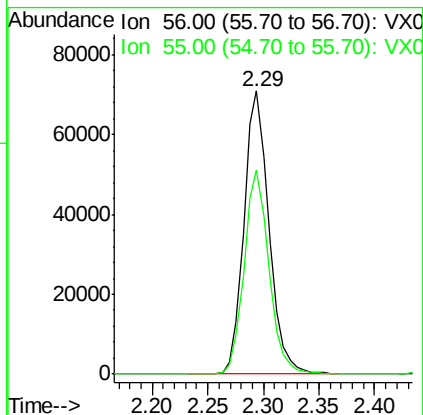
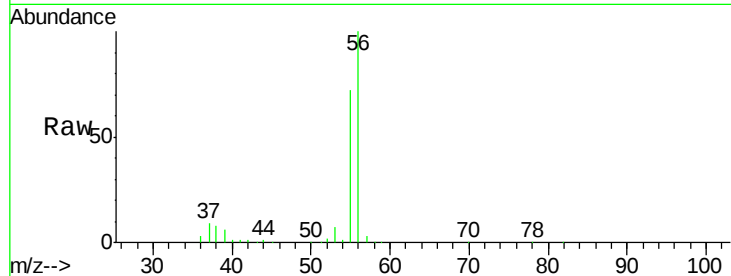
Ion Ratio Lower Upper

56 100

55 71.6 56.6 85.0

Manual Integrations
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#14

Allyl chloride

Concen: 51.181 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX009467.D

Acq: 10 May 2019 07:19

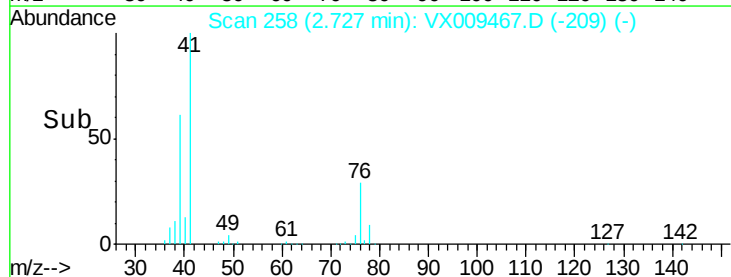
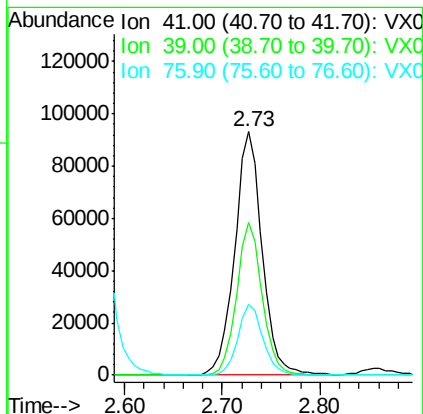
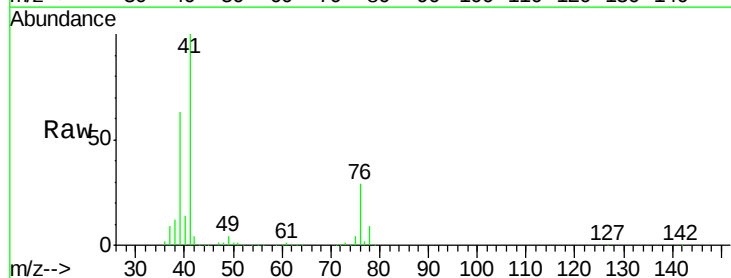
Tgt Ion: 41 Resp: 180783

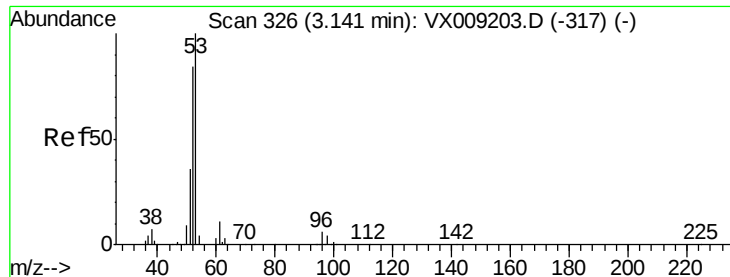
Ion Ratio Lower Upper

41 100

39 59.0 46.7 70.1

76 26.8 21.8 32.8





#15

Acrylonitrile

Concen: 269.025 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX009467.D

Acq: 10 May 2019 07:19

Instrument :

MSVOA_X

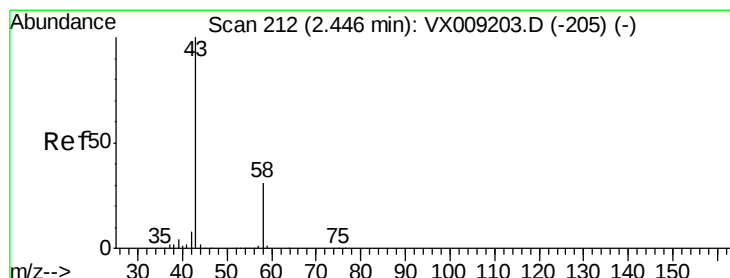
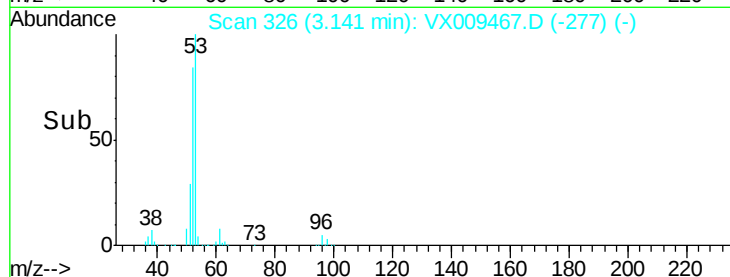
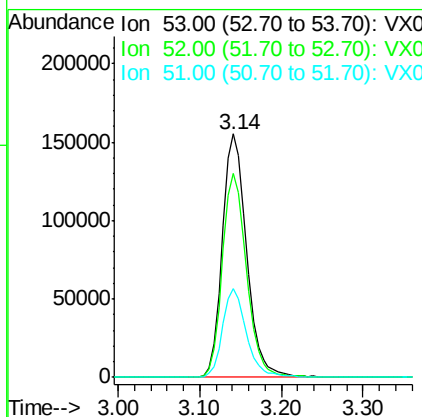
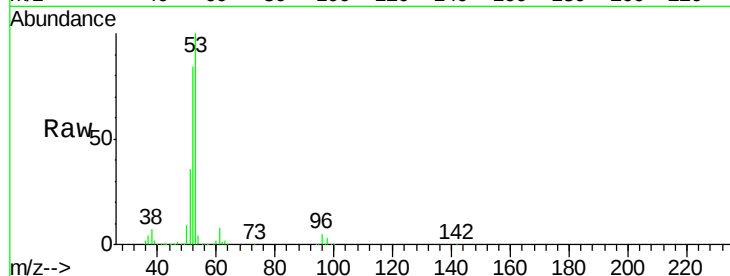
ClientSampleId :

SS052MW592-190507MS

Tot Ion:	53	Resp:	321080
Ion Ratio	Lower	Upper	
53	100		
52	83.2	66.9	100.3
51	35.8	28.2	42.2

Manual Integrations
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#16

Acetone

Concen: 240.793 ug/l

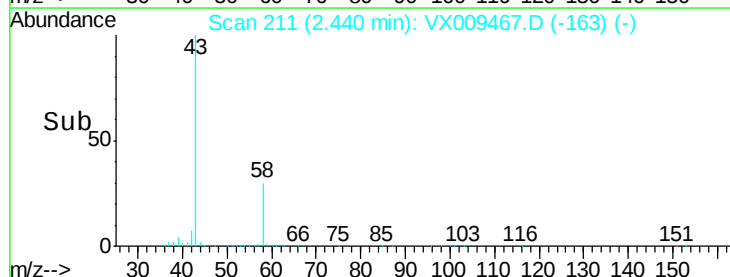
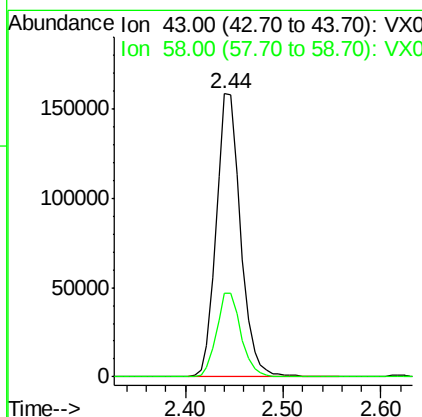
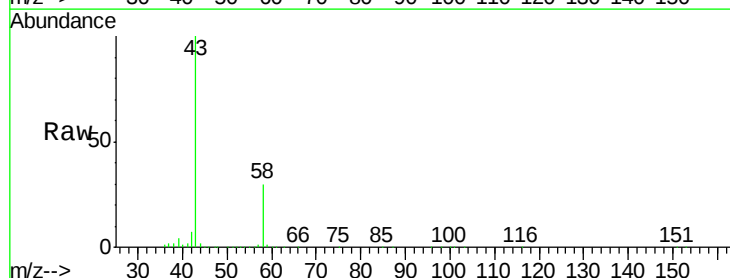
RT: 2.44 min Scan# 211

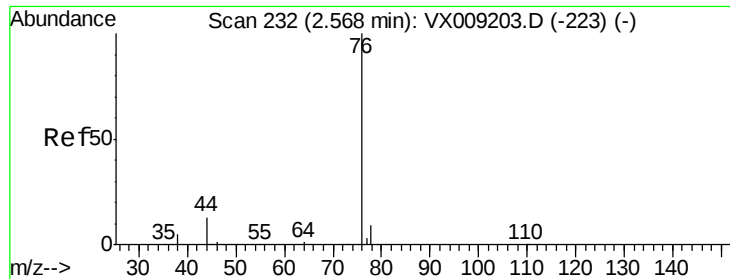
Delta R.T. -0.01 min

Lab File: VX009467.D

Acq: 10 May 2019 07:19

Tgt Ion:	43	Resp:	272653
Ion Ratio	Lower	Upper	
43	100		
58	29.6	24.9	37.3





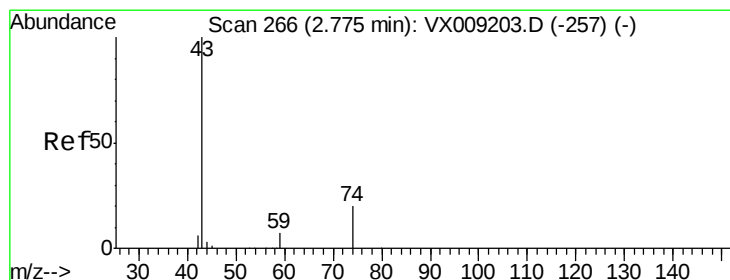
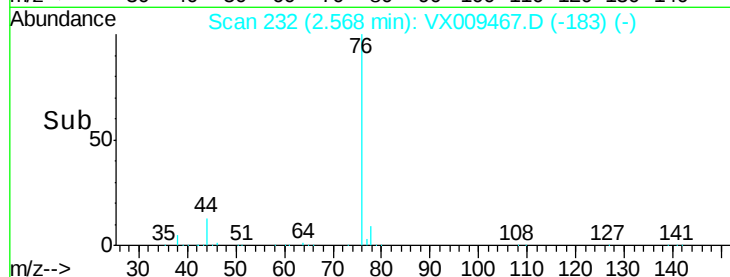
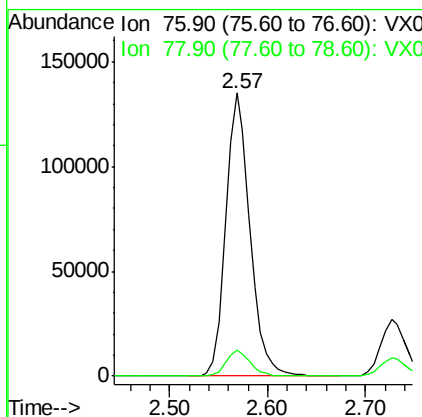
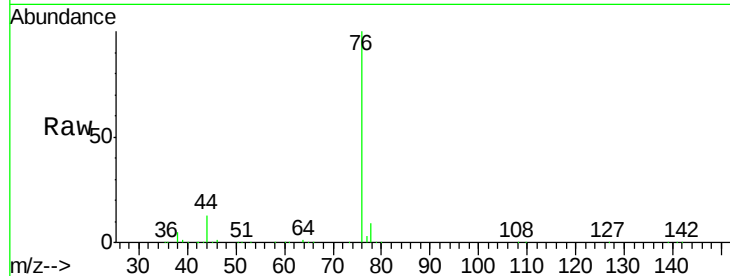
#17
Carbon Disulfide
Concen: 56.645 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX009467.D
Acq: 10 May 2019 07:19

Instrument :
MSVOA_X
ClientSampleId :
SS052MW592-190507MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.4	11.0

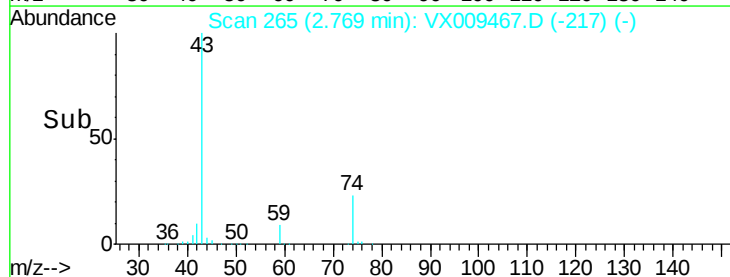
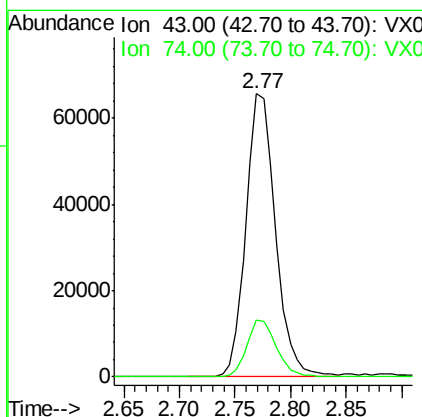
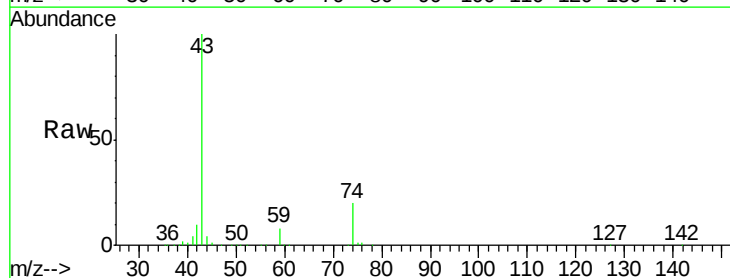
Manual Integrations
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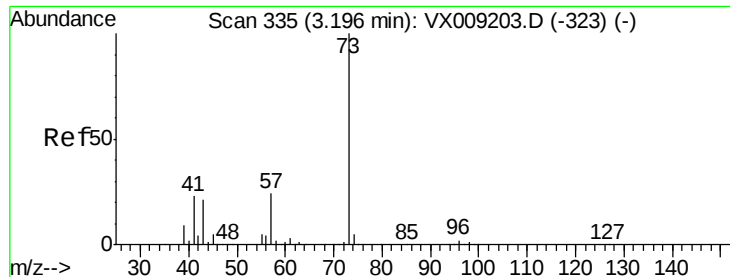
MMDadoda
5/10/2019 1:12:56 PM



#18
Methyl Acetate
Concen: 45.058 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX009467.D
Acq: 10 May 2019 07:19

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.5	16.2	24.4





#19

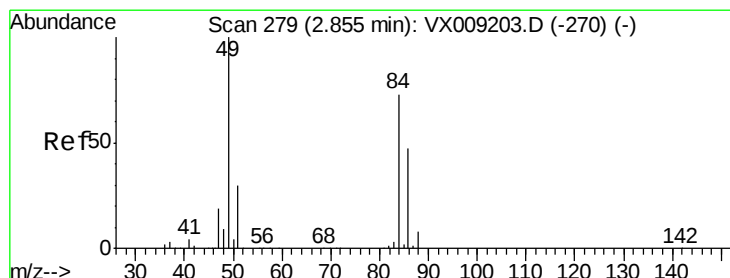
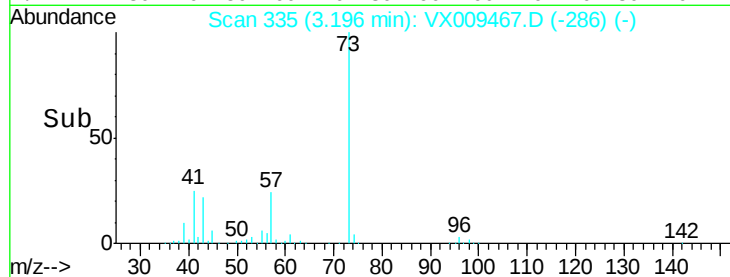
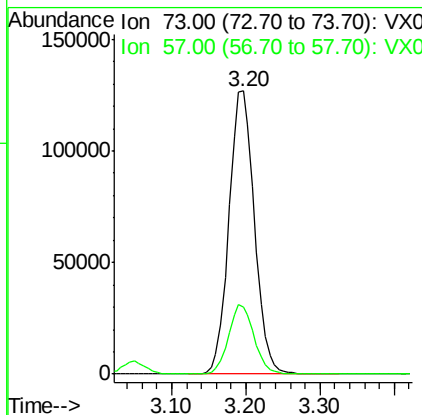
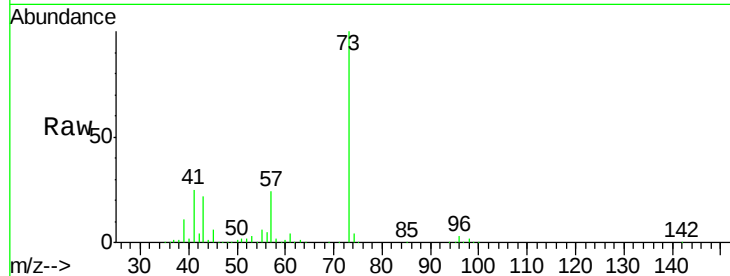
Methyl tert-butyl Ether
 Concen: 54.069 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. 0.00 min
 Lab File: VX009467.D
 Acq: 10 May 2019 07:19

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW592-190507MS

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.9	19.3	28.9

Manual Integrations
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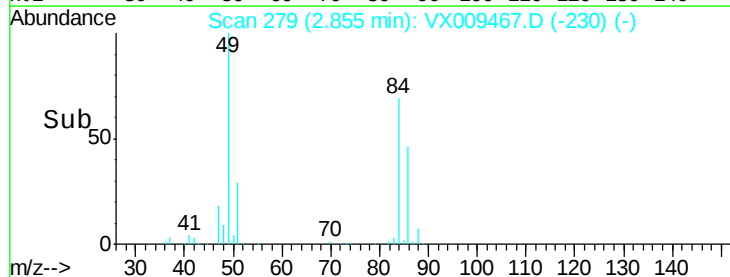
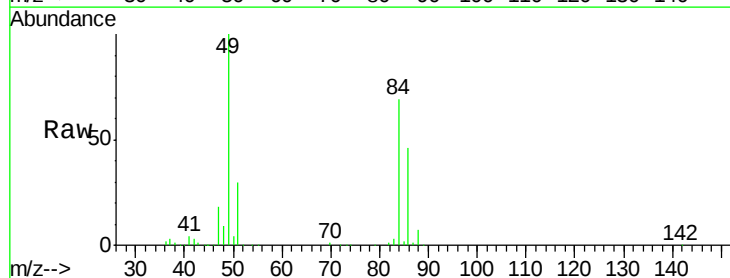
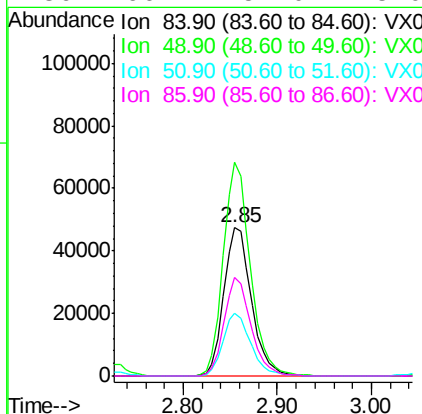
MMDadoda
 5/10/2019 1:12:56 PM

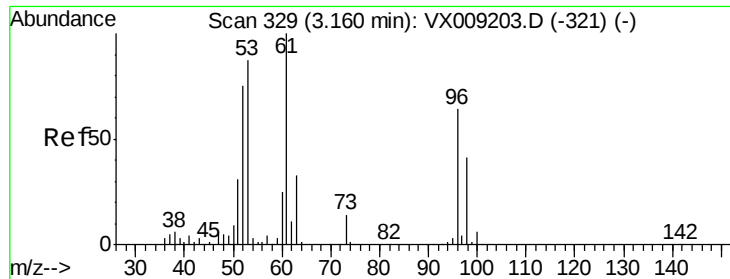


#20

Methylene Chloride
 Concen: 52.486 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX009467.D
 Acq: 10 May 2019 07:19

Tgt Ion	Ratio	Lower	Upper
84	100		
49	143.9	109.9	164.9
51	42.6	32.7	49.1
86	66.7	52.0	78.0





#21

trans-1,2-Dichloroethene

Concen: 54.822 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX009467.D

Acq: 10 May 2019 07:19

Instrument :

MSVOA_X

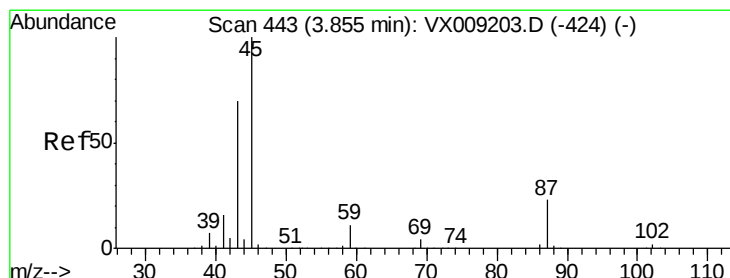
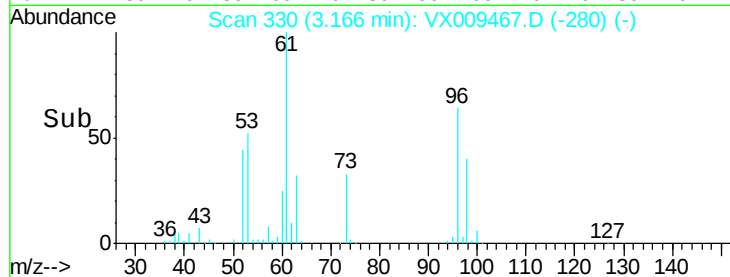
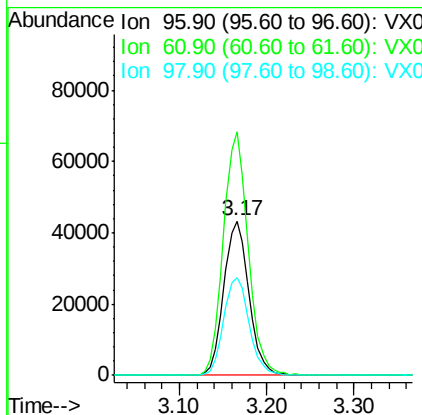
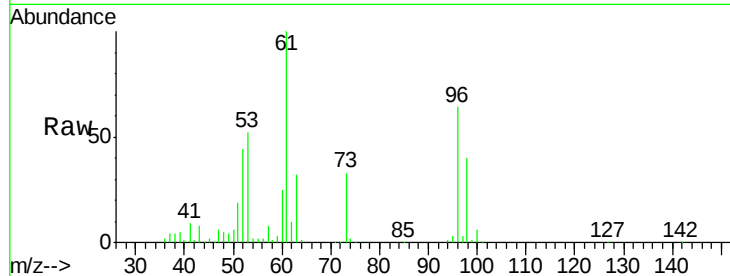
ClientSampleId :

SS052MW592-190507MS

Tot Ion:	96	Resp:	86174
Ion	Ratio	Lower	Upper
96	100		
61	157.4	124.5	186.7
98	63.3	50.4	75.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 54.020 ug/l

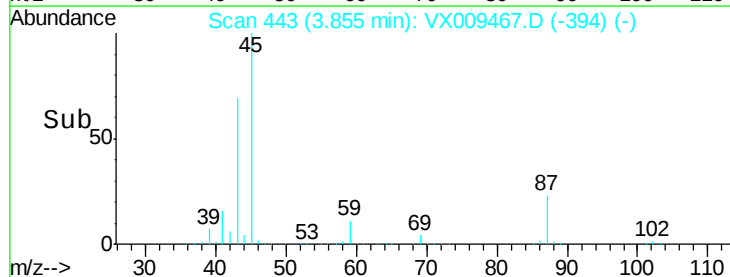
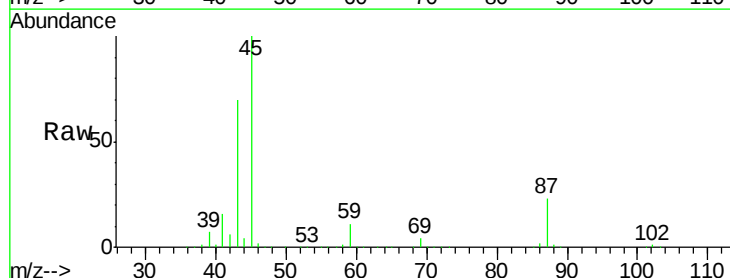
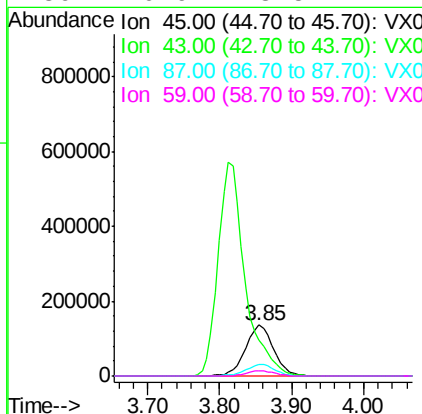
RT: 3.85 min Scan# 443

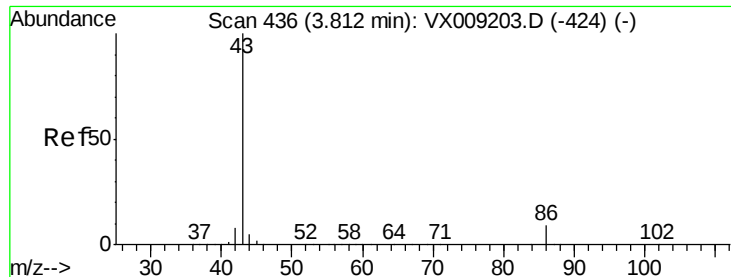
Delta R.T. 0.00 min

Lab File: VX009467.D

Acq: 10 May 2019 07:19

Tgt Ion:	45	Resp:	366947
Ion	Ratio	Lower	Upper
45	100		
43	69.4	56.1	84.1
87	22.8	18.1	27.1
59	10.9	8.5	12.7





#23

Vinyl Acetate

Concen: 256.221 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX009467.D

Acq: 10 May 2019 07:19

Instrument :

MSVOA_X

ClientSampleId :

SS052MW592-190507MS

Tot Ion: 43 Resp: 1490383

Ion Ratio Lower Upper

43 100

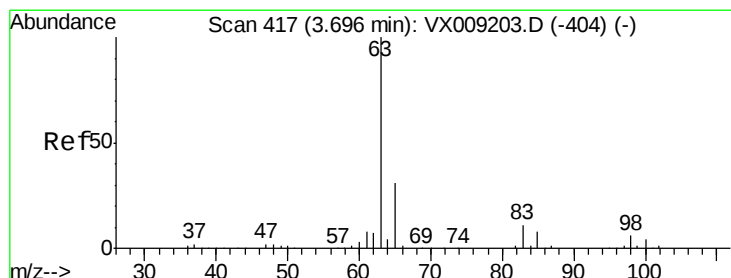
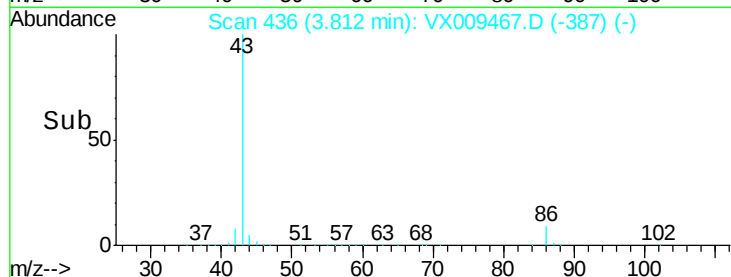
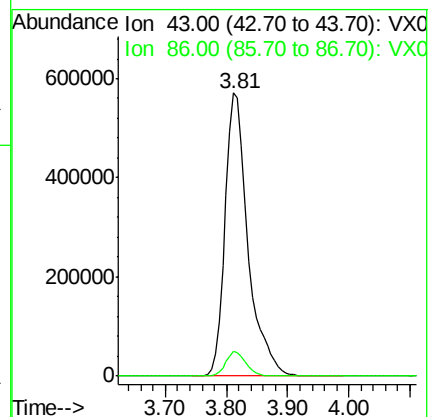
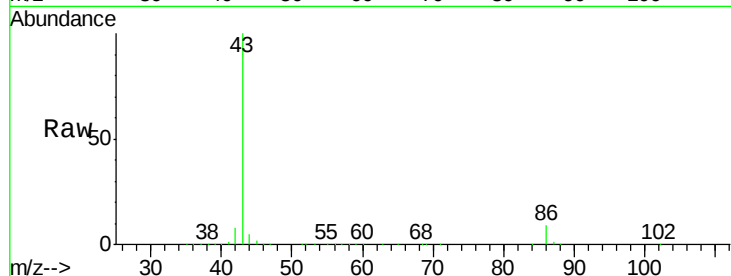
86 8.6 6.9 10.3

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 53.898 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX009467.D

Acq: 10 May 2019 07:19

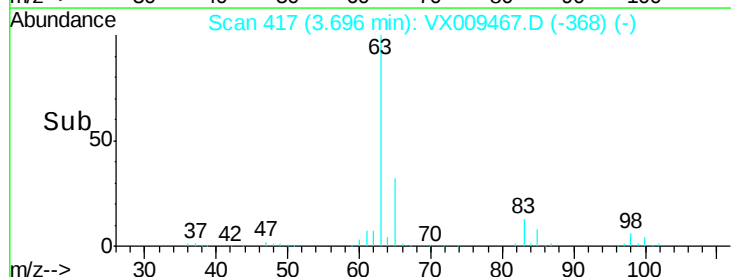
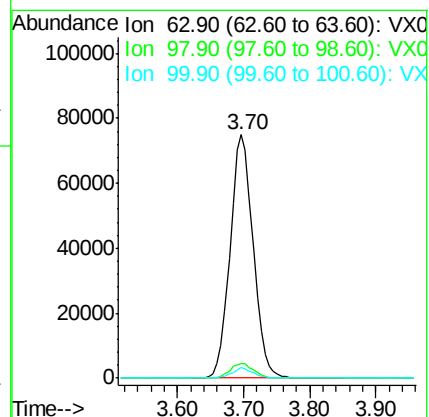
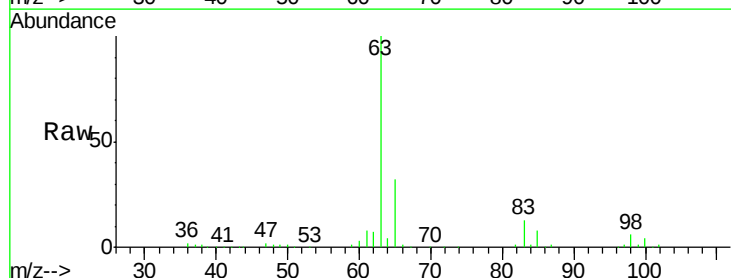
Tgt Ion: 63 Resp: 180611

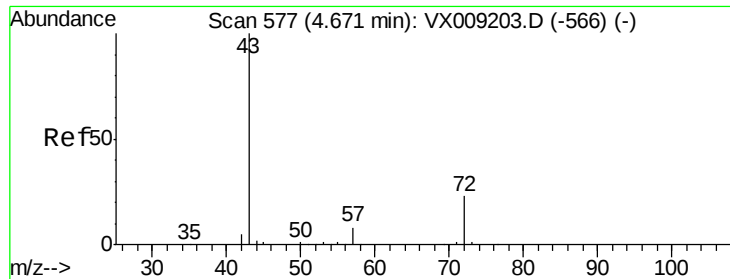
Ion Ratio Lower Upper

63 100

98 5.8 3.0 9.2

100 4.1 2.0 6.0





#25

2-Butanone

Concen: 265.103 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX009467.D

Acq: 10 May 2019 07:19

Instrument :

MSVOA_X

ClientSampleId :

SS052MW592-190507MS

Tot Ion: 43 Resp: 466469

Ion Ratio Lower Upper

43 100

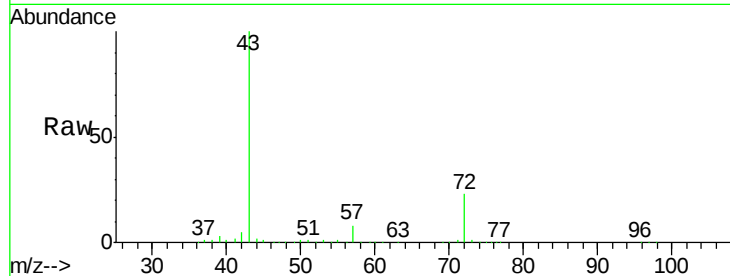
72 22.4 18.2 27.2

Manual Integrations

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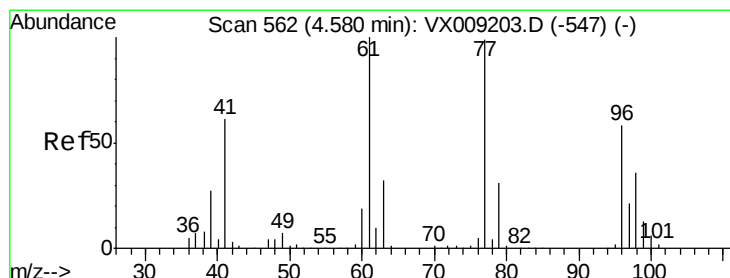
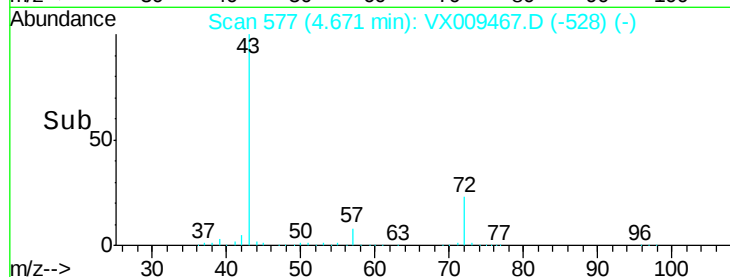
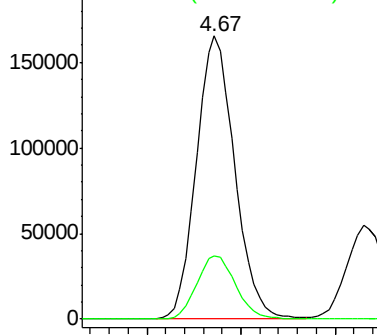
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 34.448 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX009467.D

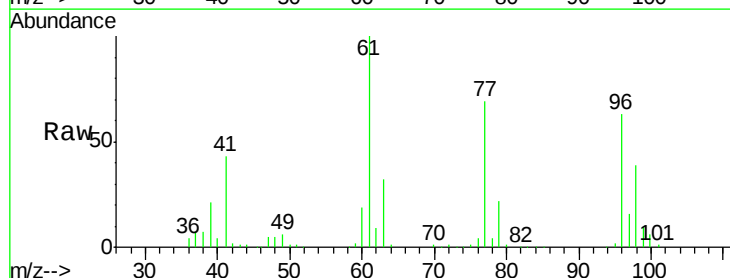
Acq: 10 May 2019 07:19

Tgt Ion: 77 Resp: 85922

Ion Ratio Lower Upper

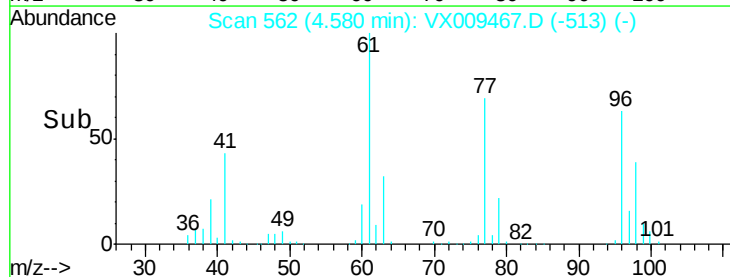
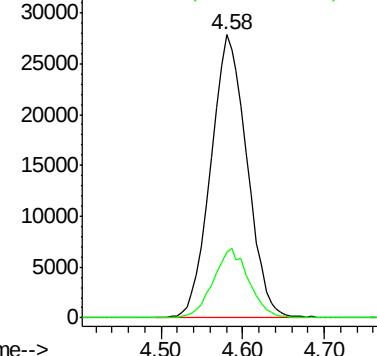
77 100

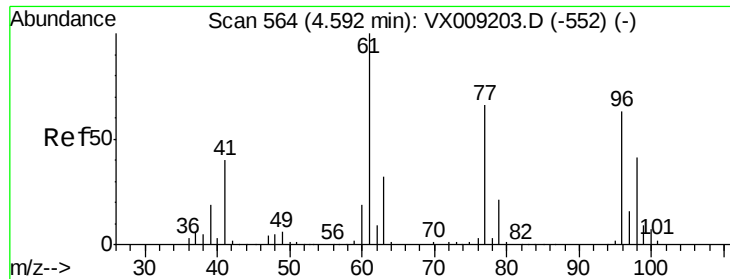
97 24.0 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

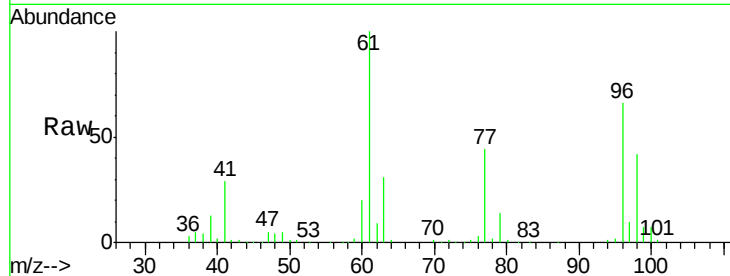
cis-1,2-Dichloroethene
Concen: 54.813 ug/l
RT: 4.59 min Scan# 564
Delta R.T. 0.00 min
Lab File: VX009467.D
Acq: 10 May 2019 07:19

Instrument :
MSVOA_X
ClientSampleId :
SS052MW592-190507MS

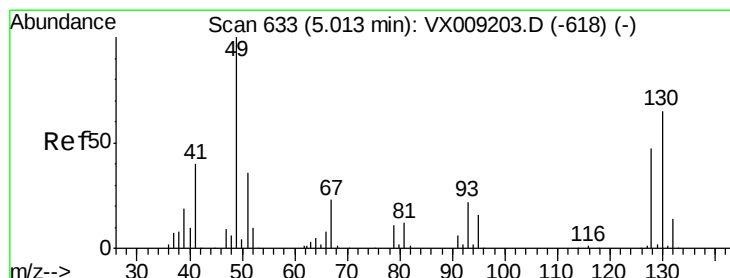
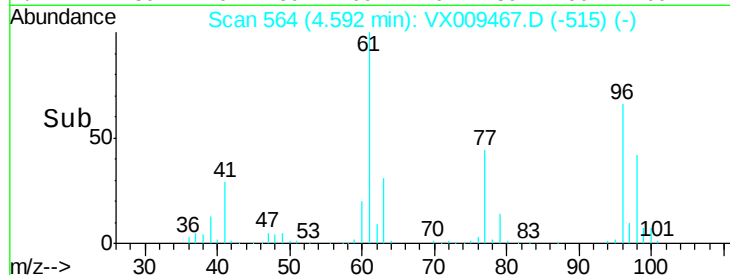
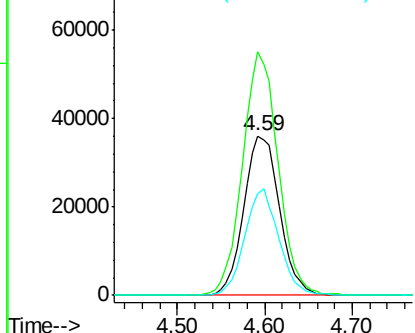
Tot Ion	Ratio	Resp	Lower	Upper
96	100	102841		
61	152.0	0.0	324.0	
98	63.6	0.0	130.4	

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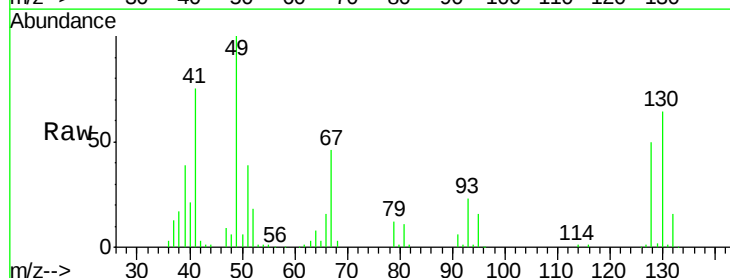
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



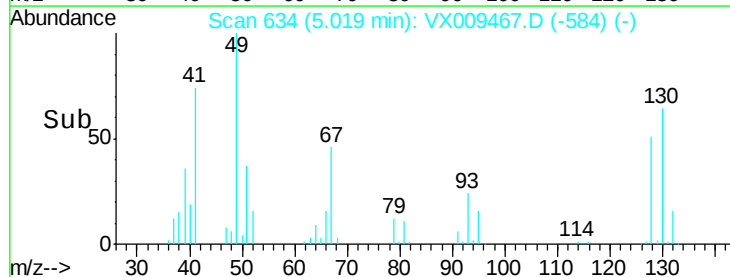
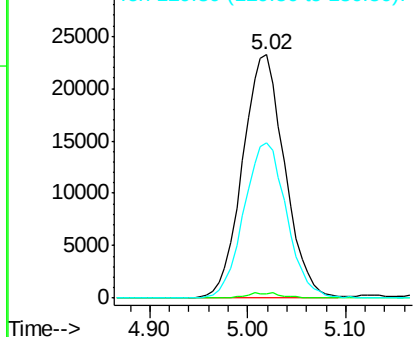
#28

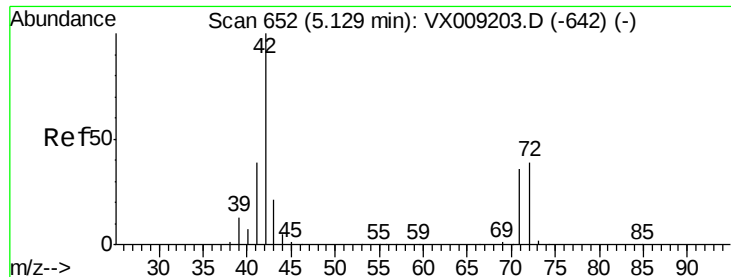
Bromochloromethane
Concen: 51.606 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX009467.D
Acq: 10 May 2019 07:19

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	69494		
129	1.9	0.0	3.8	
130	64.6	51.2	76.8	



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 274.556 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX009467.D

Acq: 10 May 2019 07:19

Instrument :

MSVOA_X

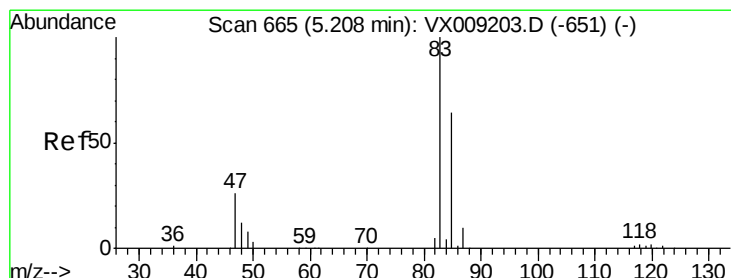
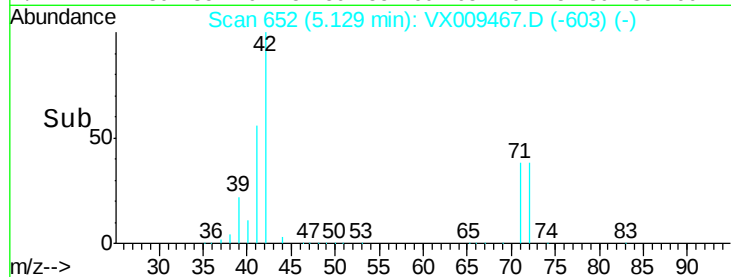
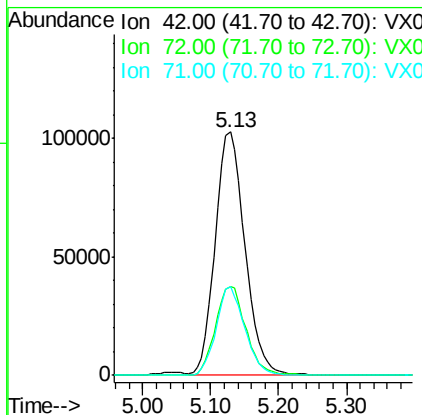
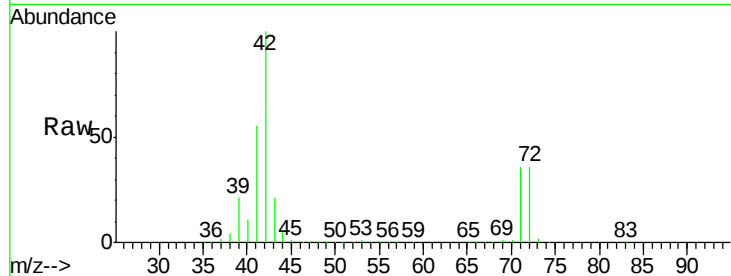
ClientSampleId :

SS052MW592-190507MS

Tot Ion:	42	Resp:	310874
Ion	Ratio	Lower	Upper
42	100		
72	37.6	30.4	45.6
71	35.2	28.6	43.0

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#30

Chloroform

Concen: 54.877 ug/l

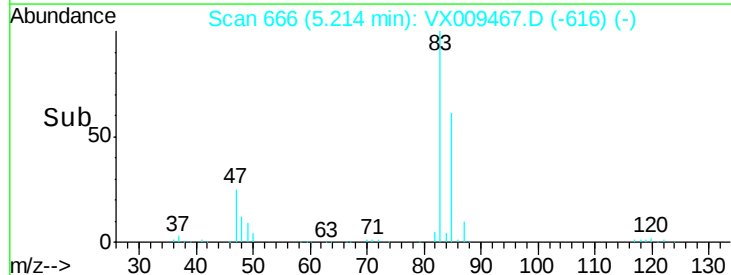
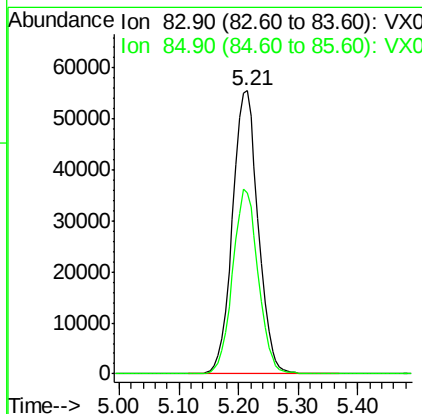
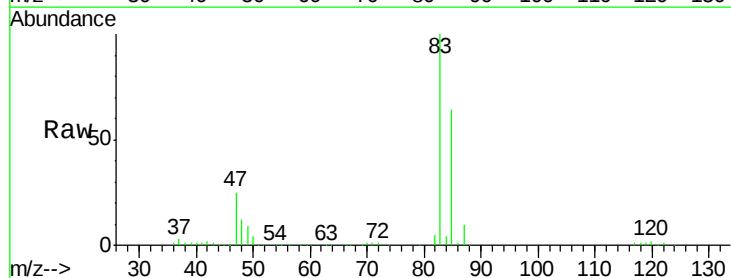
RT: 5.21 min Scan# 666

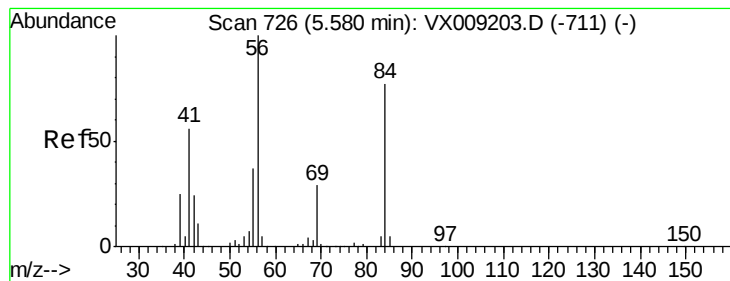
Delta R.T. 0.01 min

Lab File: VX009467.D

Acq: 10 May 2019 07:19

Tgt Ion:	83	Resp:	166318
Ion	Ratio	Lower	Upper
83	100		
85	63.7	51.5	77.3





#31

Cyclohexane

Concen: 55.586 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX009467.D

Acq: 10 May 2019 07:19

Instrument :

MSVOA_X

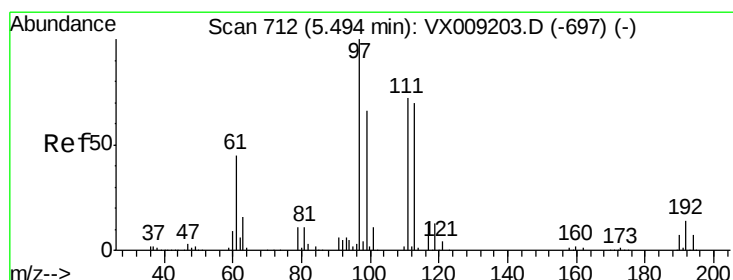
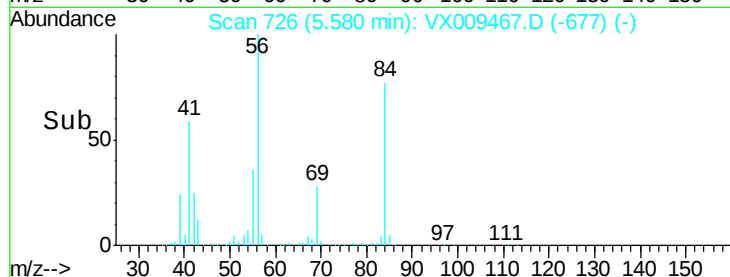
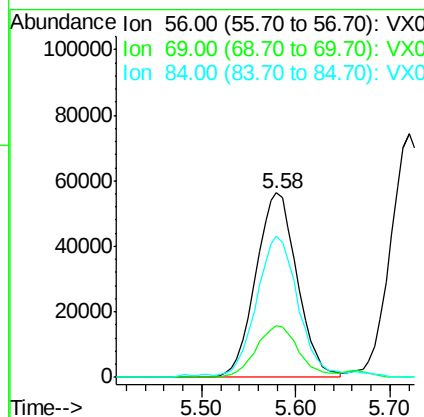
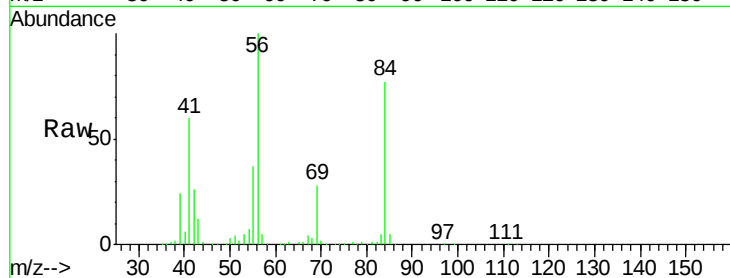
ClientSampleId :

SS052MW592-190507MS

Tot Ion:	56	Resp:	173298
Ion	Ratio	Lower	Upper
56	100		
69	27.9	23.4	35.0
84	75.7	61.9	92.9

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#32

1,1,1-Trichloroethane

Concen: 54.551 ug/l

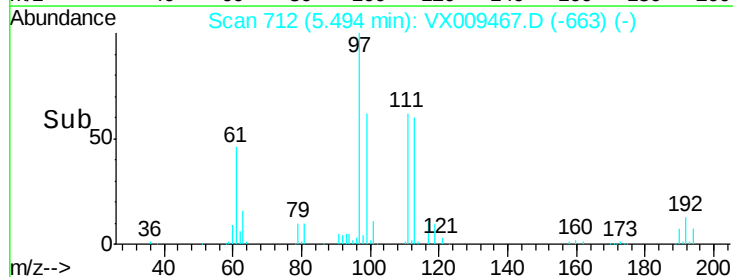
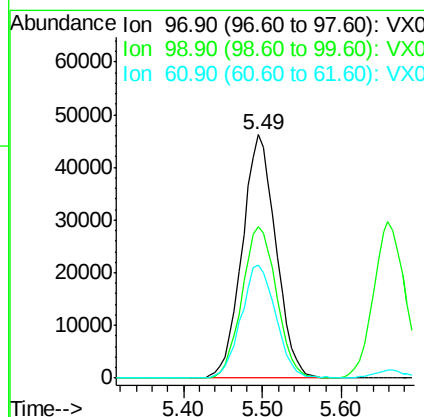
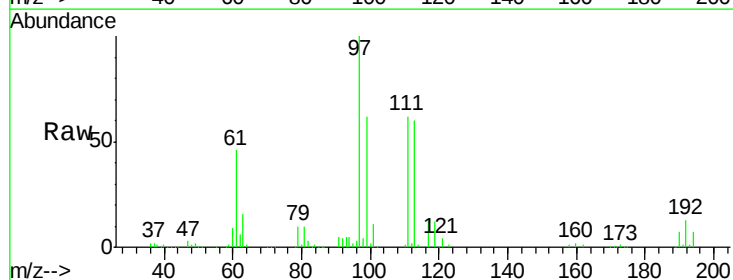
RT: 5.49 min Scan# 712

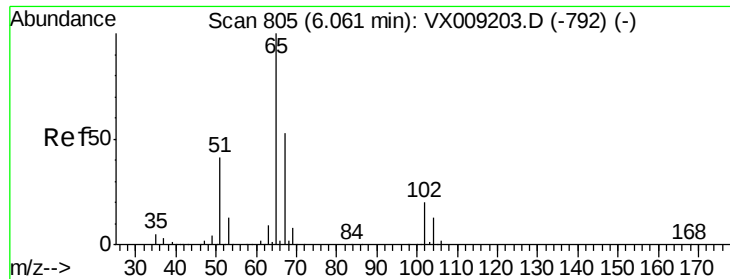
Delta R.T. 0.00 min

Lab File: VX009467.D

Acq: 10 May 2019 07:19

Tgt Ion:	97	Resp:	137630
Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.8	77.8
61	47.6	37.8	56.8





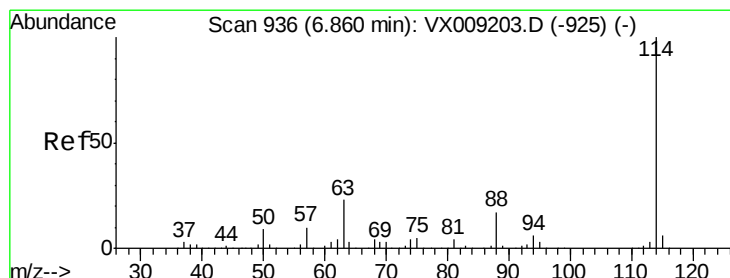
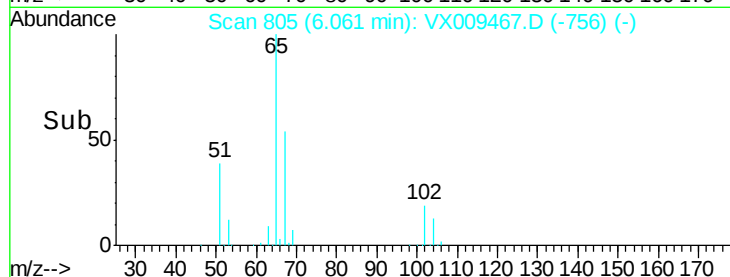
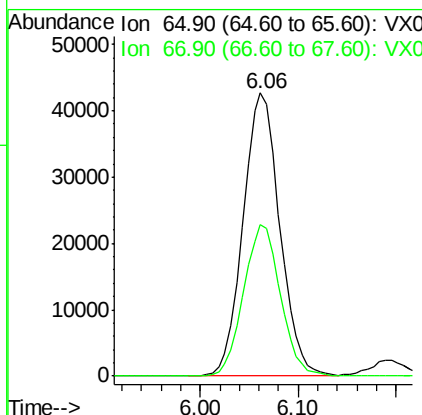
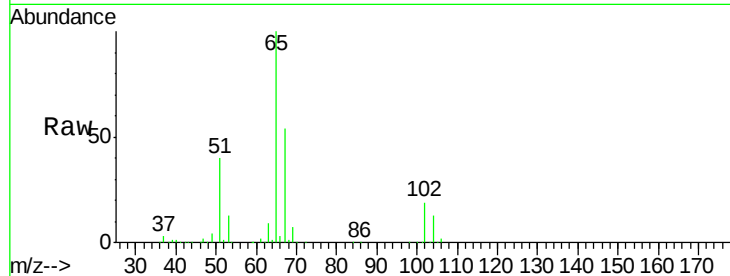
#33
 1,2-Dichloroethane-d4
 Concen: 52.669 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009467.D
 Acq: 10 May 2019 07:19

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW592-190507MS

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	106.6

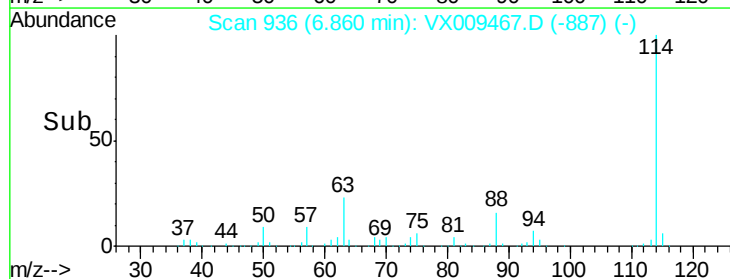
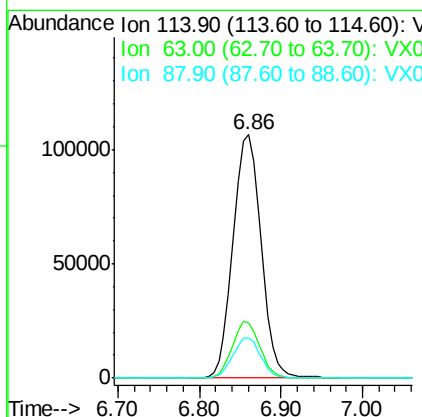
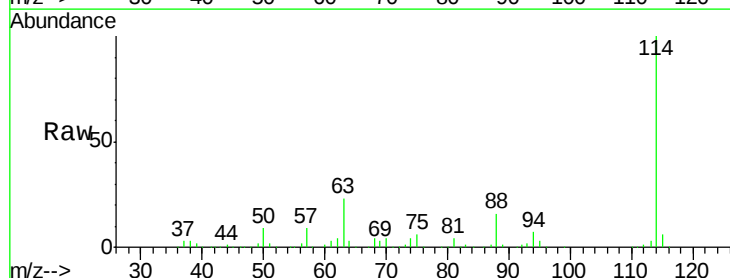
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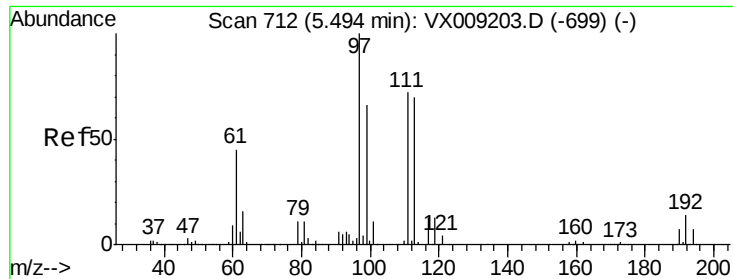
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009467.D
 Acq: 10 May 2019 07:19

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.6	0.0	45.6
88	16.4	0.0	33.2





#35

Dibromofluoromethane

Concen: 51.312 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009467.D

Acq: 10 May 2019 07:19

Instrument :

MSVOA_X

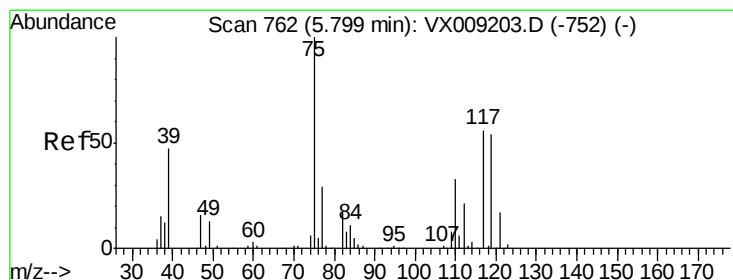
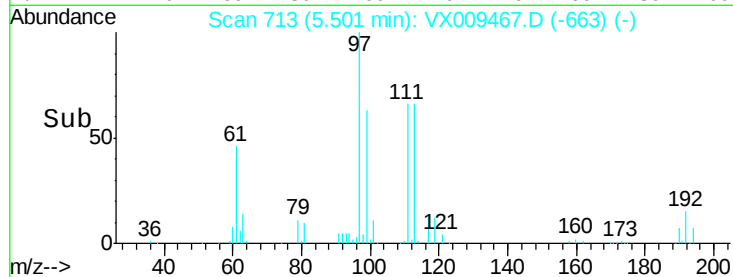
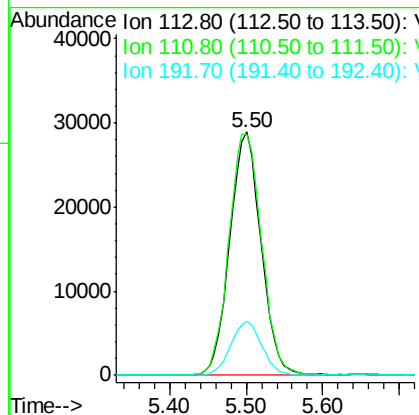
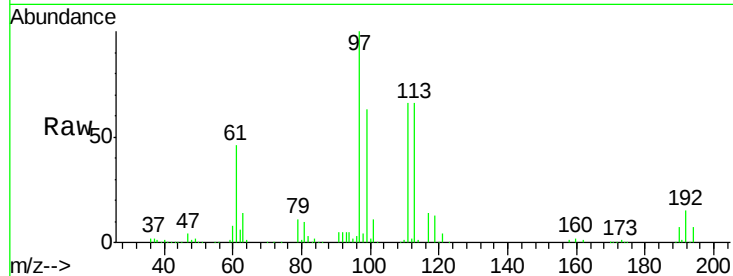
ClientSampleId :

SS052MW592-190507MS

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.8	124.2
192	22.0	17.0	25.6

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#36

1,1-Dichloropropene

Concen: 53.372 ug/l

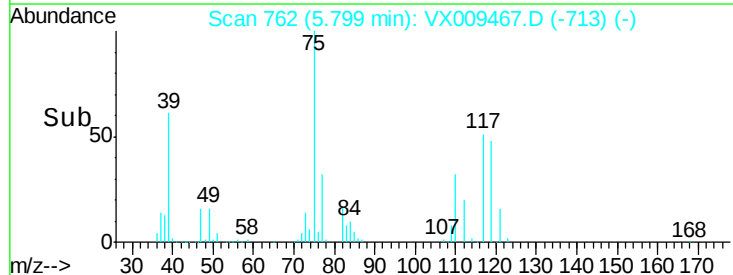
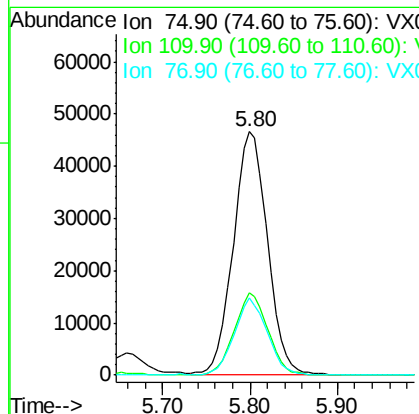
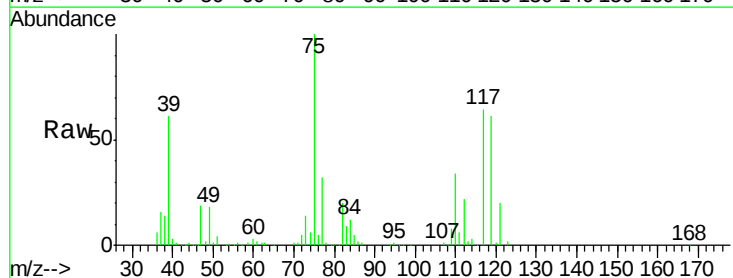
RT: 5.80 min Scan# 762

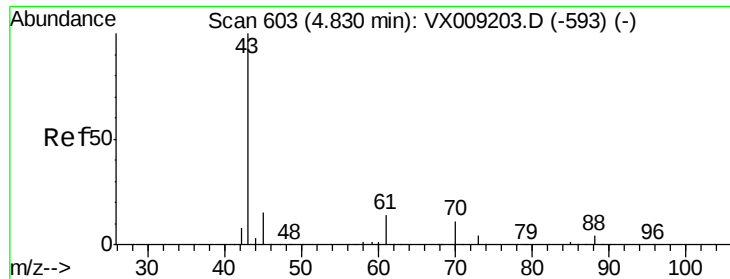
Delta R.T. 0.00 min

Lab File: VX009467.D

Acq: 10 May 2019 07:19

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.7	16.9	50.6
77	30.9	24.8	37.2





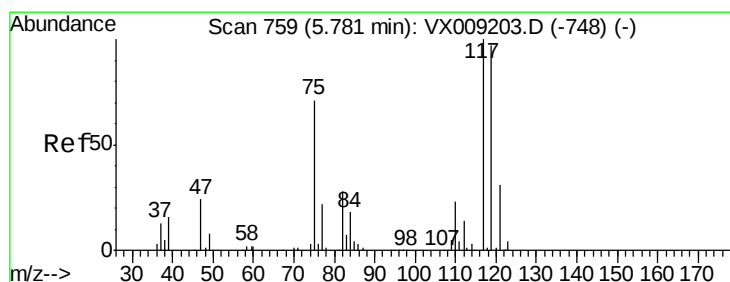
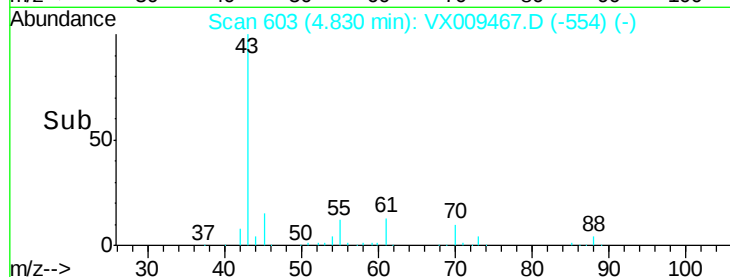
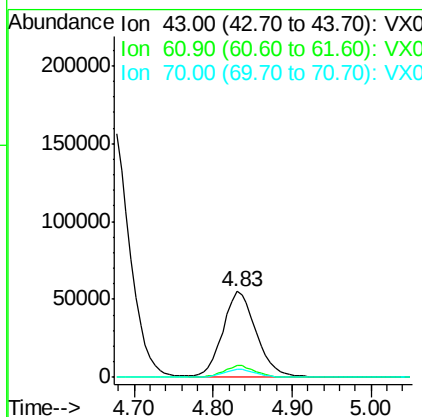
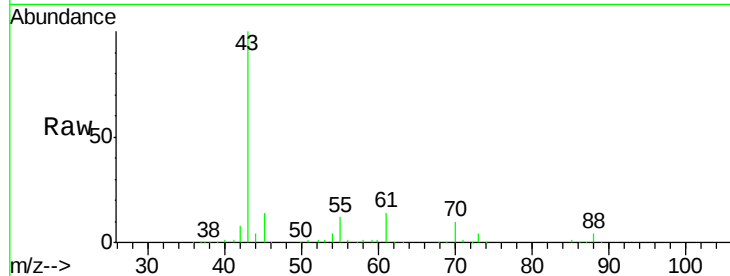
#37
Ethyl Acetate
Concen: 49.299 ug/l
RT: 4.83 min Scan# 603
Delta R.T. 0.00 min
Lab File: VX009467.D
Acq: 10 May 2019 07:19

Instrument :
MSVOA_X
ClientSampleId :
SS052MW592-190507MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.6	10.5	15.7
70	9.5	7.9	11.9

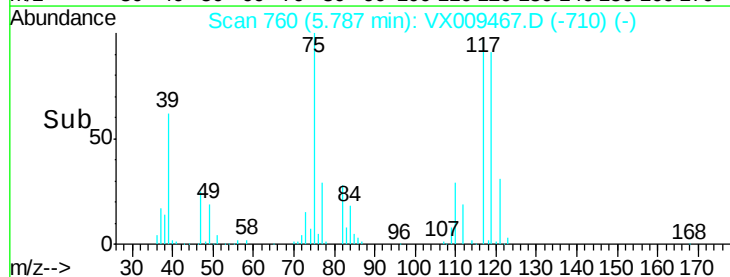
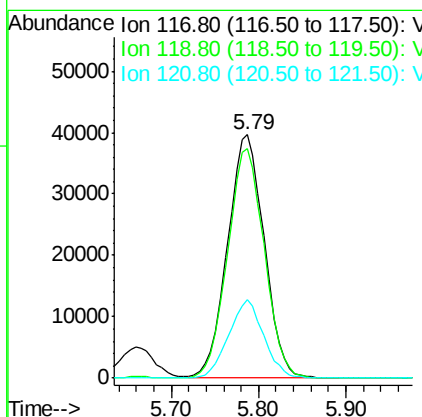
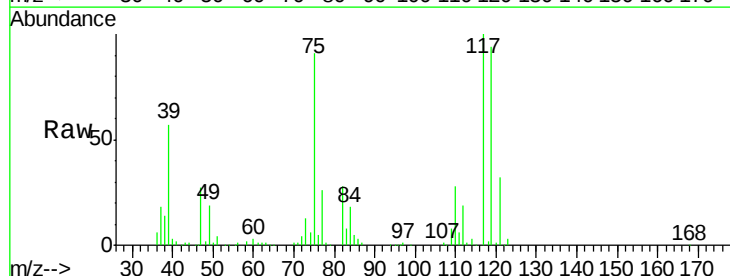
Manual Integrations
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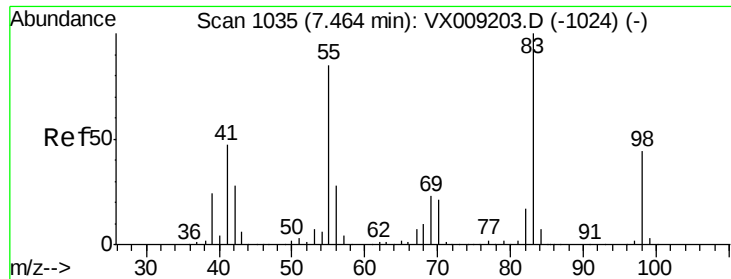
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#38
Carbon Tetrachloride
Concen: 53.847 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX009467.D
Acq: 10 May 2019 07:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.4	77.5	116.3
121	32.0	24.7	37.1





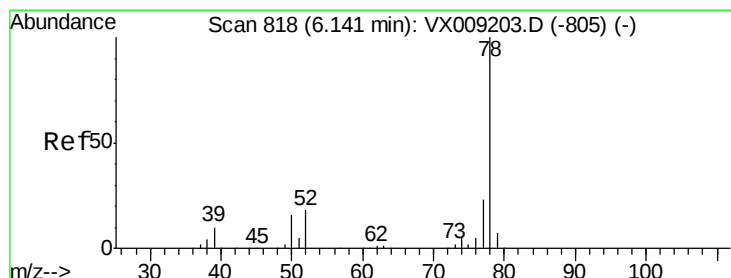
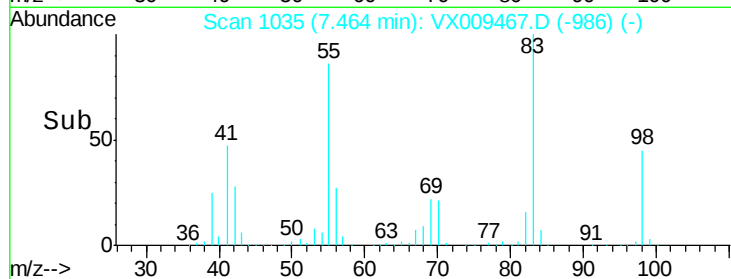
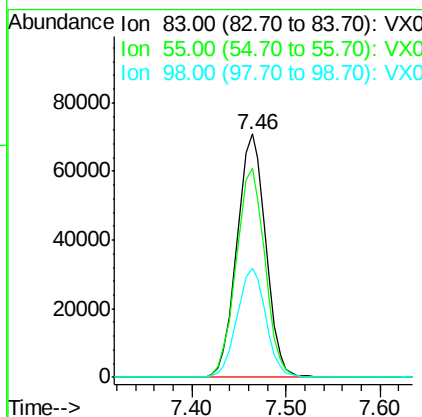
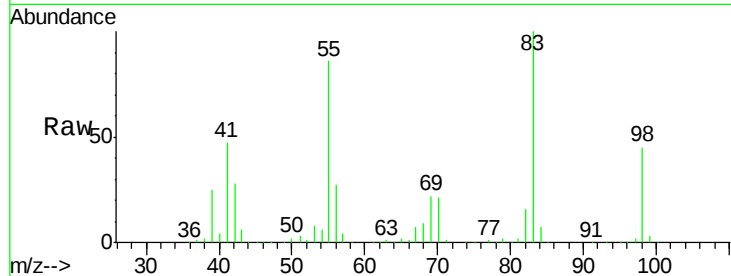
#39
Methvlcvclohexane
Concen: 52.427 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX009467.D
Acq: 10 May 2019 07:19

Instrument :
MSVOA_X
ClientSampleId :
SS052MW592-190507MS

Tot Ion	83.00	Resp	151920
Ion	Ratio	Lower	Upper
83	100		
55	85.9	67.7	101.5
98	45.0	35.5	53.3

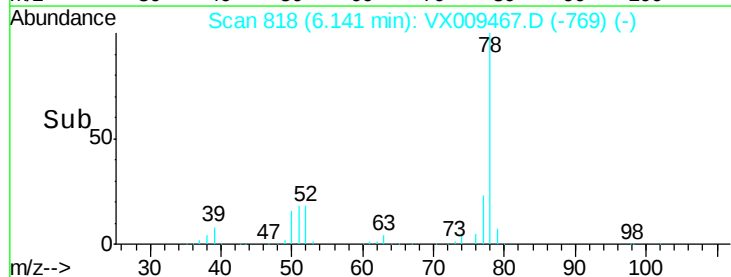
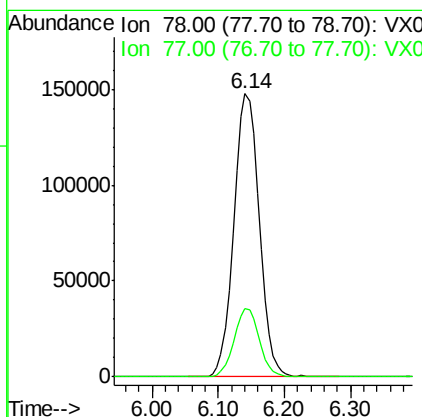
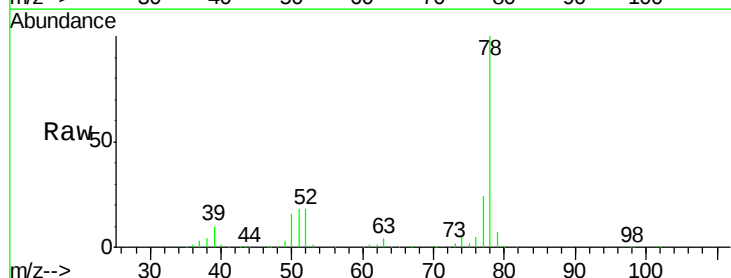
Manual Integrations
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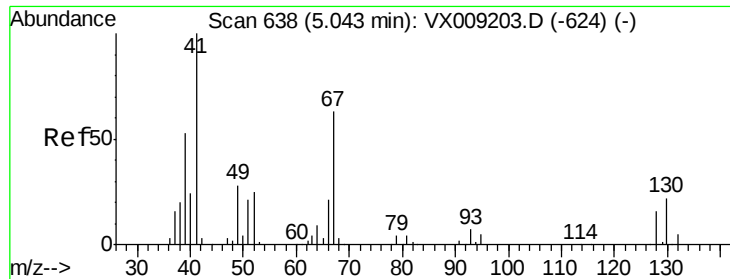
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#40
Benzene
Concen: 54.001 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX009467.D
Acq: 10 May 2019 07:19

Tgt Ion	78.00	Resp	394330
Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.8	28.2





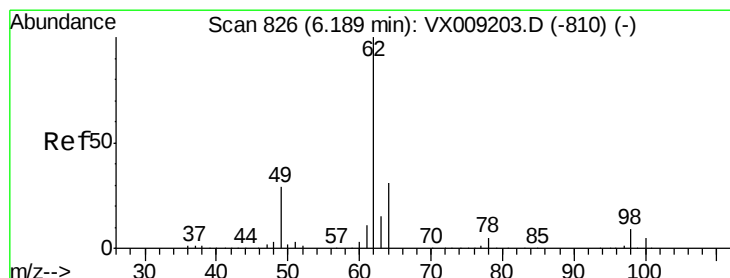
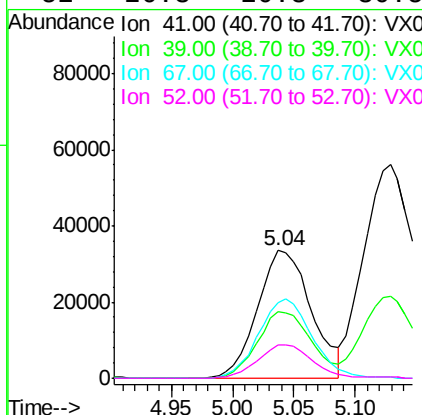
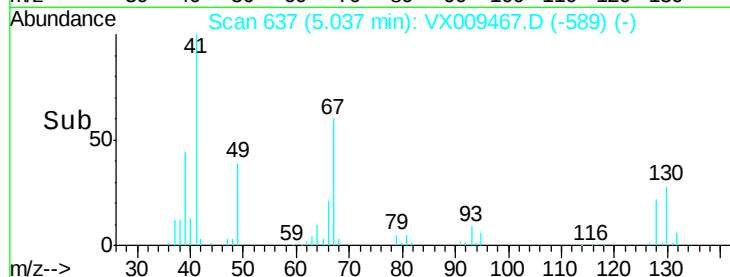
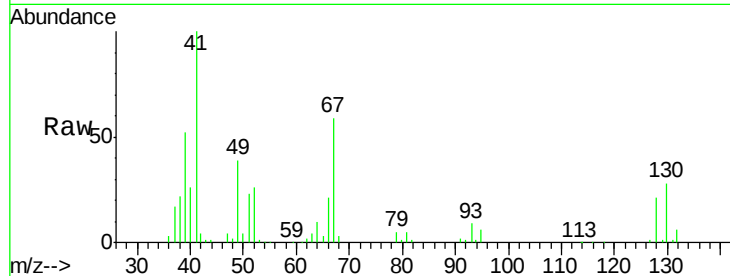
#41
Methacrylonitrile
Concen: 52.368 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX009467.D
Acq: 10 May 2019 07:19

Instrument :
MSVOA_X
ClientSampleId :
SS052MW592-190507MS

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.3	42.0	63.0	
67	61.5	49.8	74.8	
52	26.3	20.3	30.5	

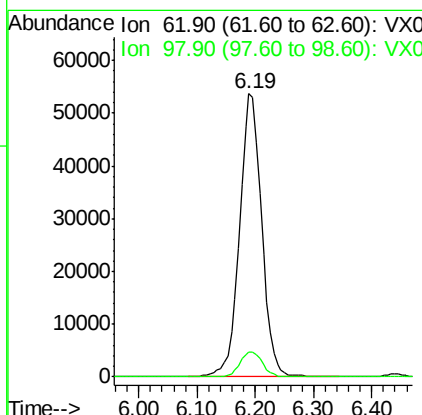
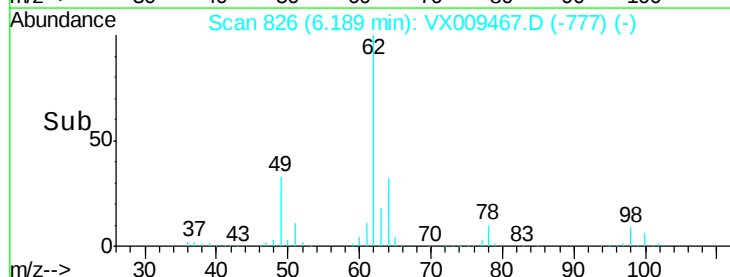
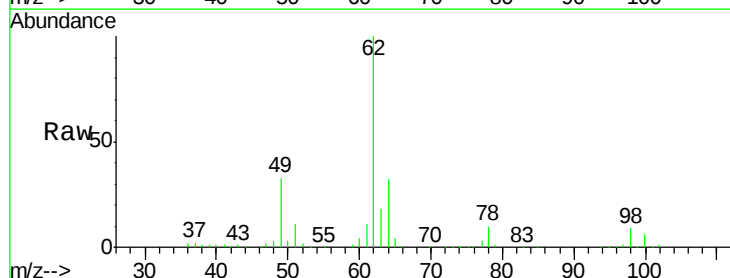
Manual Integrations
APPROVED

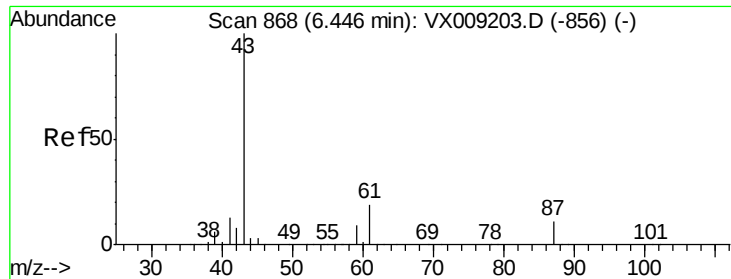
MMDadoda
5/10/2019 1:12:56 PM



#42
1,2-Dichloroethane
Concen: 53.996 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX009467.D
Acq: 10 May 2019 07:19

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.9	0.0	18.2	





#43

Isopropyl Acetate

Concen: 50.717 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX009467.D

Acq: 10 May 2019 07:19

Instrument :

MSVOA_X

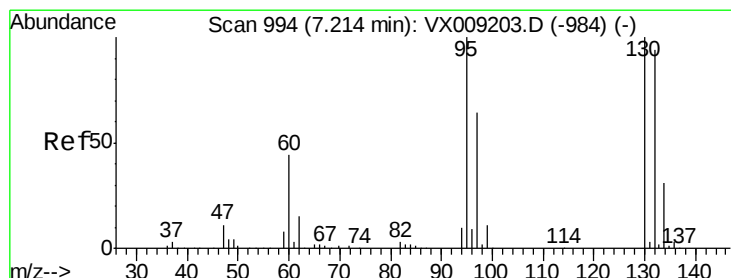
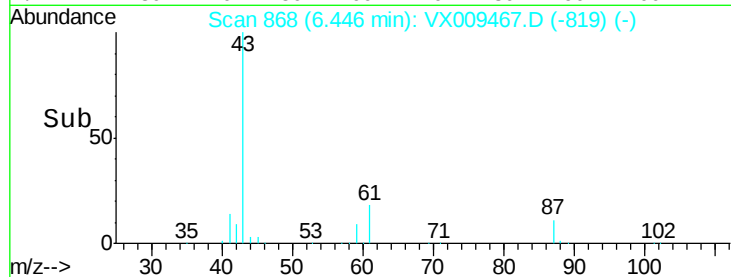
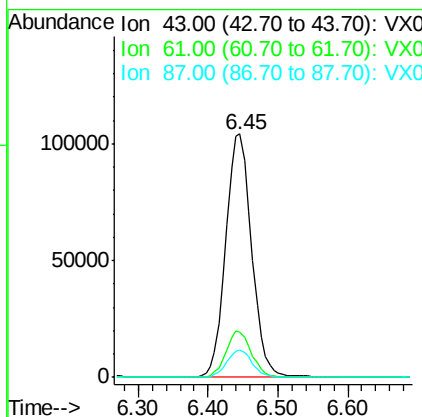
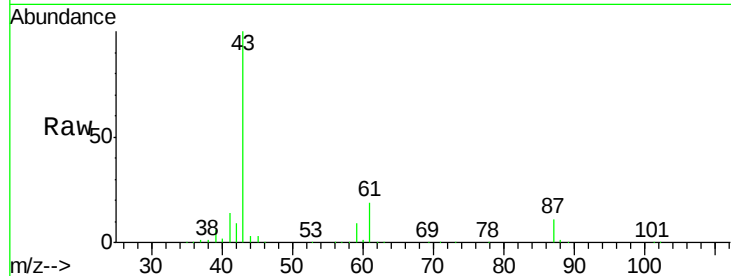
ClientSampleId :

SS052MW592-190507MS

Tot Ion:	43	Resp:	266700
Ion	Ratio	Lower	Upper
43	100		
61	18.7	15.1	22.7
87	11.1	9.0	13.6

Manual Integrations
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5/10/2019 1:12:56 PM



#44

Trichloroethene

Concen: 52.853 ug/l

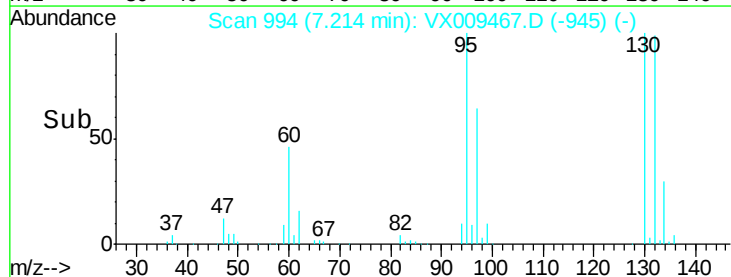
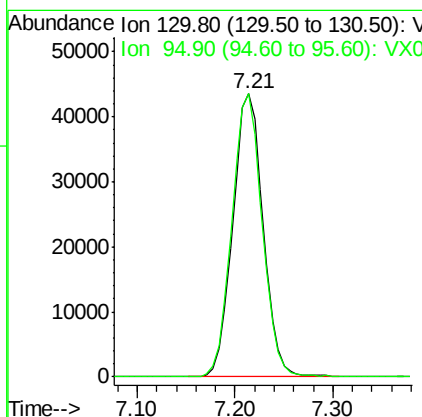
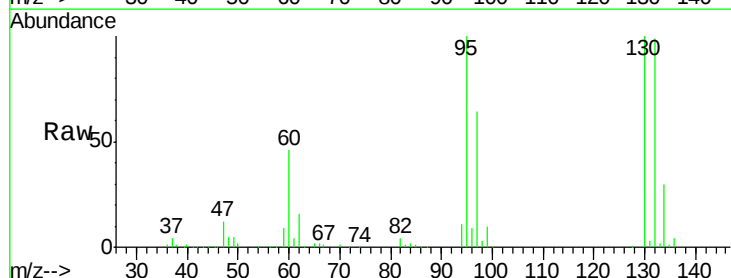
RT: 7.21 min Scan# 994

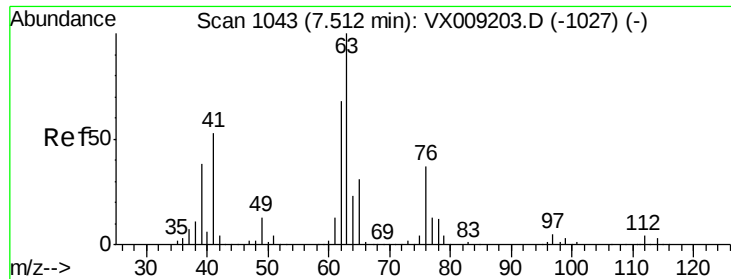
Delta R.T. 0.00 min

Lab File: VX009467.D

Acq: 10 May 2019 07:19

Tgt Ion:	130	Resp:	93304
Ion	Ratio	Lower	Upper
130	100		
95	100.1	0.0	199.2





#45

1,2-Dichloropropane

Concen: 53.424 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX009467.D

Acq: 10 May 2019 07:19

Instrument :

MSVOA_X

ClientSampleId :

SS052MW592-190507MS

Tot Ion: 63 Resp: 110466

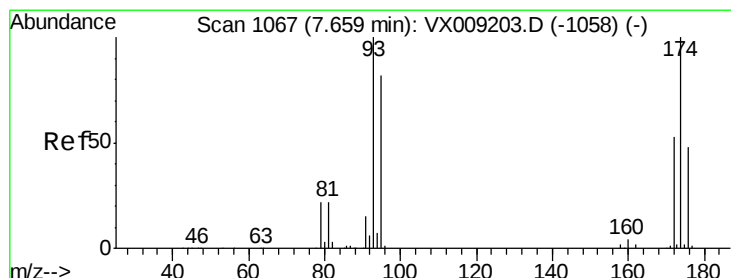
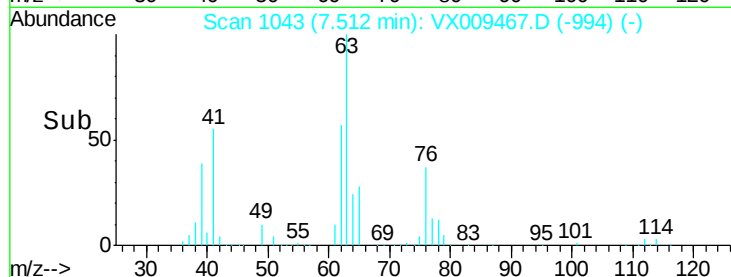
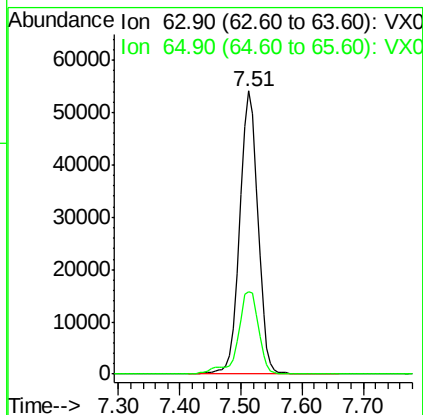
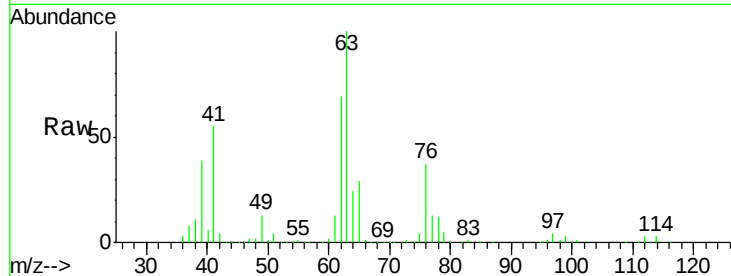
Ion Ratio Lower Upper

63 100

65 29.0 25.0 37.6

Manual Integrations
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#46

Dibromomethane

Concen: 52.723 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX009467.D

Acq: 10 May 2019 07:19

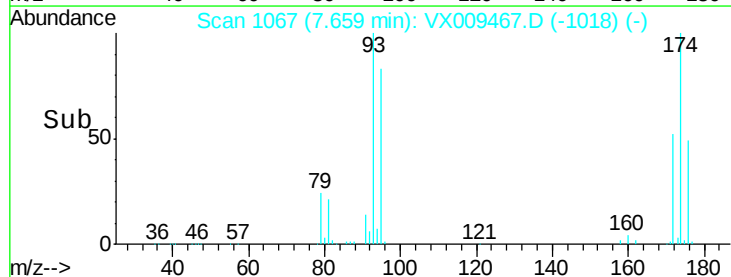
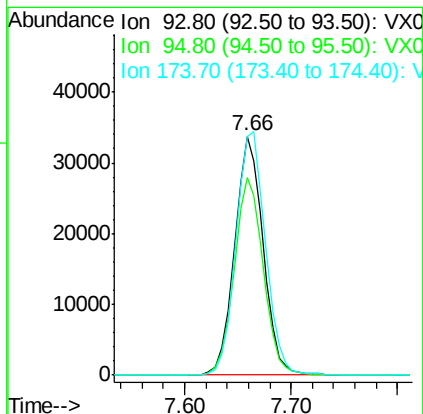
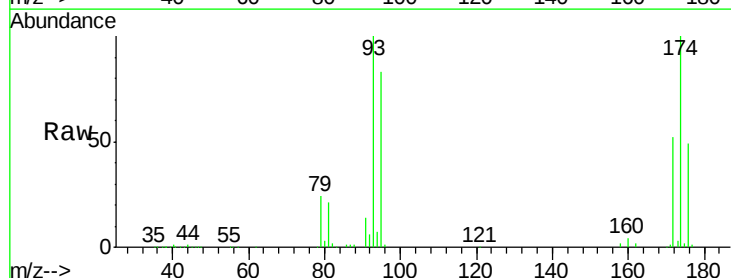
Tgt Ion: 93 Resp: 63307

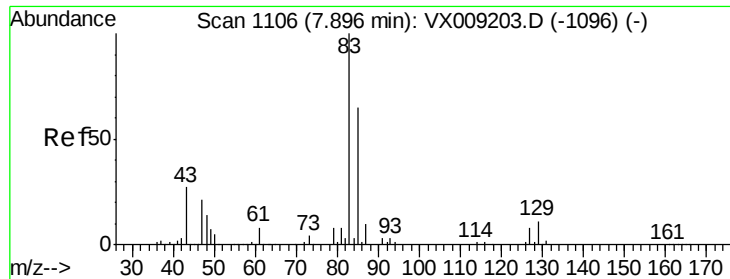
Ion Ratio Lower Upper

93 100

95 84.4 66.5 99.7

174 106.2 82.1 123.1





#47

Bromodichloromethane

Concen: 53.634 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX009467.D

Acq: 10 May 2019 07:19

Instrument :

MSVOA_X

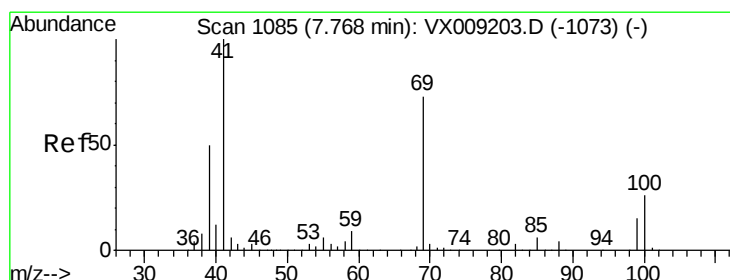
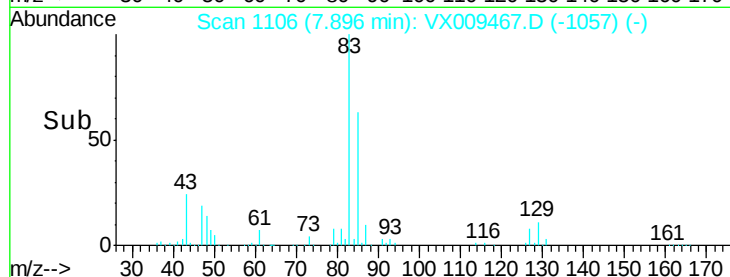
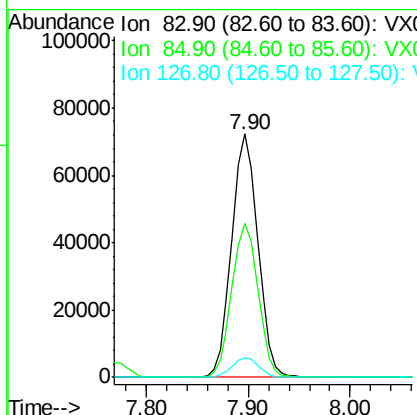
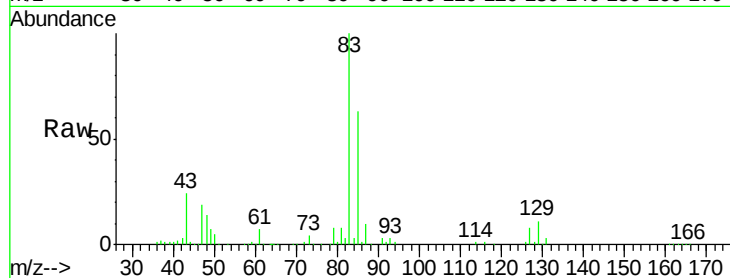
ClientSampleId :

SS052MW592-190507MS

Tot Ion:	83	Resp:	128463
Ion Ratio	Lower	Upper	
83	100		
85	63.3	52.4	78.6
127	8.2	6.6	10.0

Manual Integrations
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5/10/2019 1:12:56 PM



#48

Methyl methacrylate

Concen: 54.777 ug/l

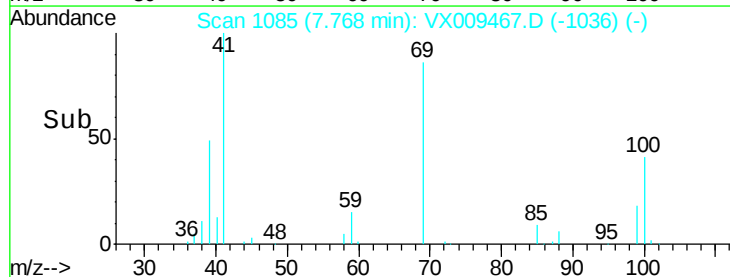
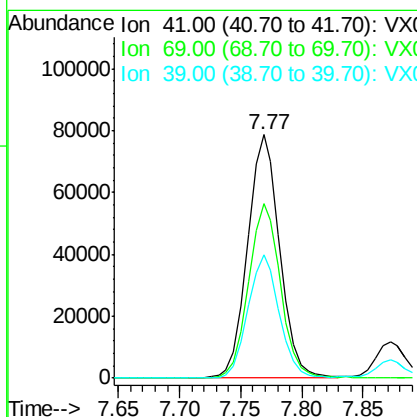
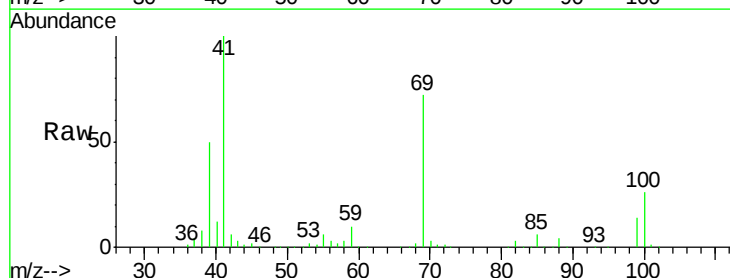
RT: 7.77 min Scan# 1085

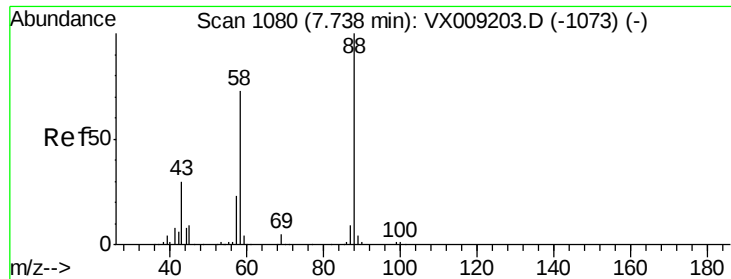
Delta R.T. 0.00 min

Lab File: VX009467.D

Acq: 10 May 2019 07:19

Tgt Ion:	41	Resp:	142909
Ion Ratio	Lower	Upper	
41	100		
69	72.2	59.1	88.7
39	49.8	40.4	60.6





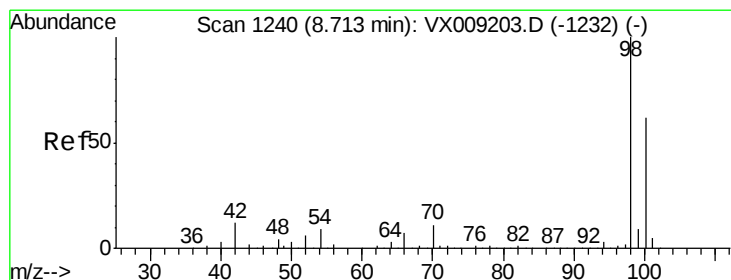
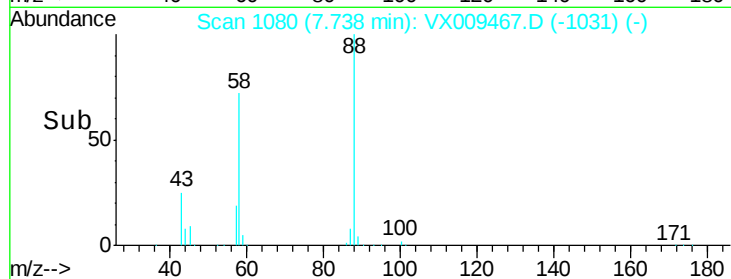
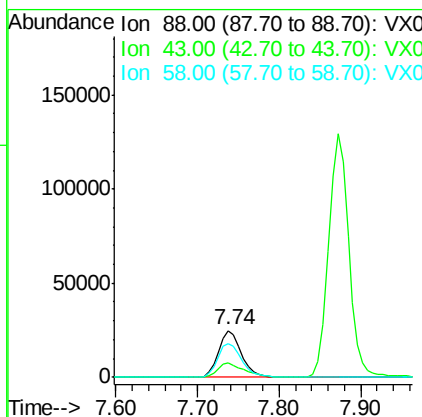
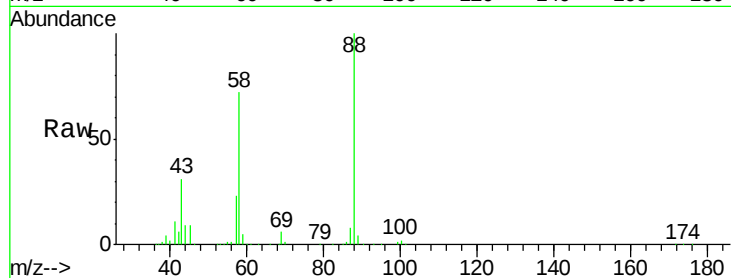
#49
1,4-Dioxane
Concen: 919.102 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX009467.D
Acq: 10 May 2019 07:19

Instrument :
MSVOA_X
ClientSampleId :
SS052MW592-190507MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.6	28.6	42.8
58	77.4	61.7	92.5

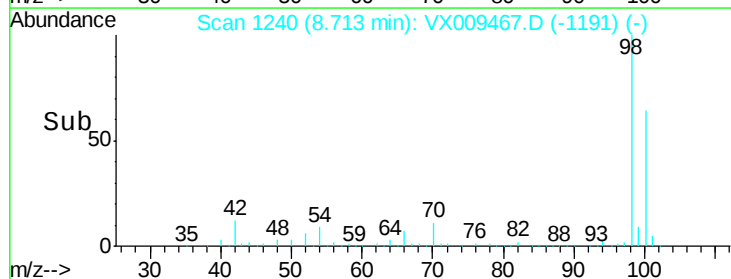
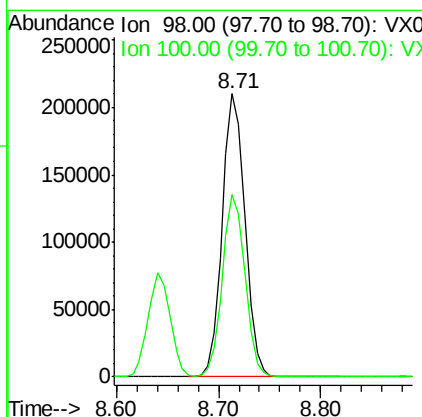
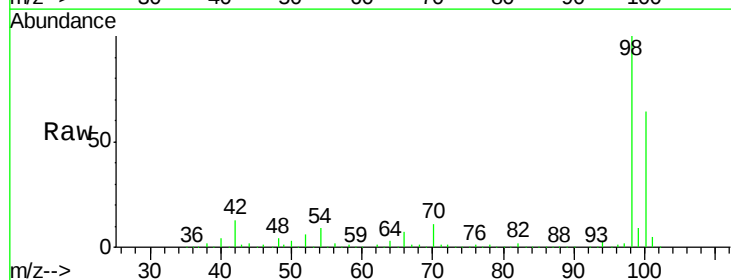
Manual Integrations
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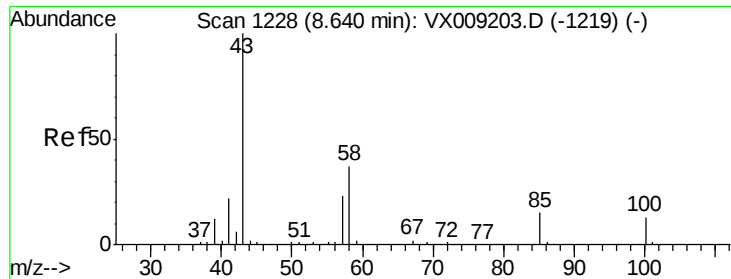
MMDadoda
5/10/2019 1:12:56 PM



#50
Toluene-d8
Concen: 50.813 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009467.D
Acq: 10 May 2019 07:19

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 270.323 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX009467.D

Acq: 10 May 2019 07:19

Instrument :

MSVOA_X

ClientSampleID :

SS052MW592-190507MS

Tot Ion: 43 Resp: 929131

Ion Ratio Lower Upper

43 100

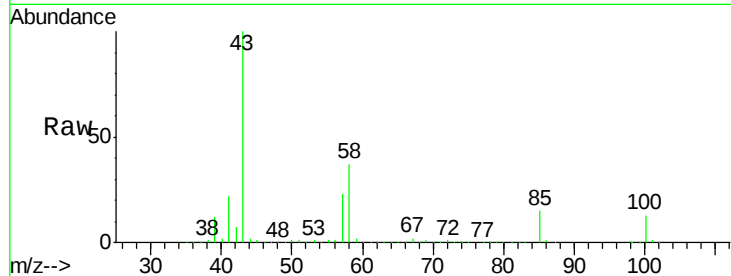
58 36.7 29.5 44.3

Manual Integrations

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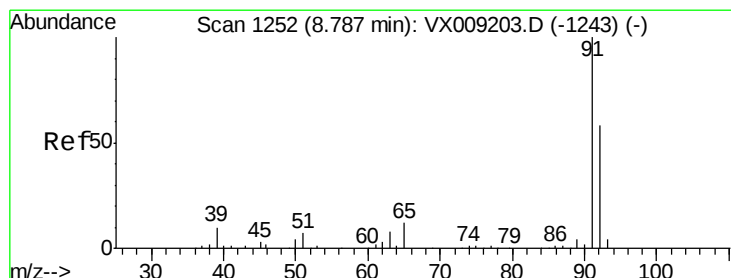
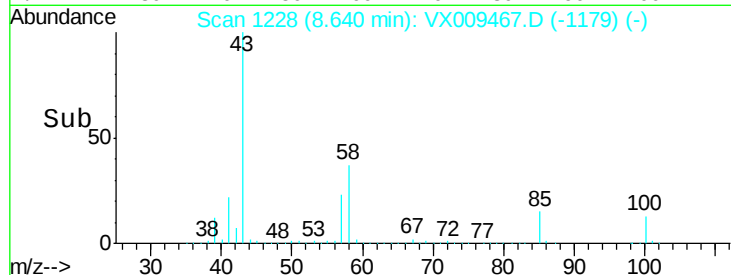
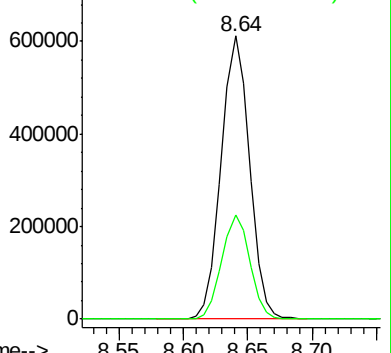
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 54.092 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX009467.D

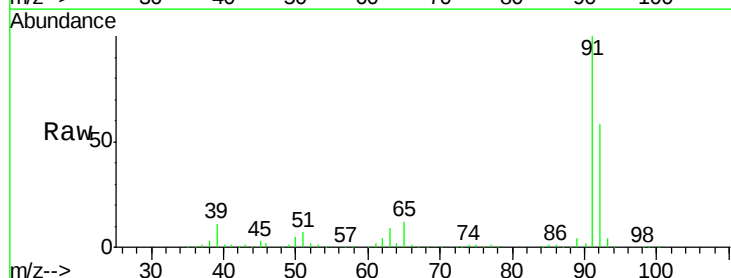
Acq: 10 May 2019 07:19

Tgt Ion: 92 Resp: 240108

Ion Ratio Lower Upper

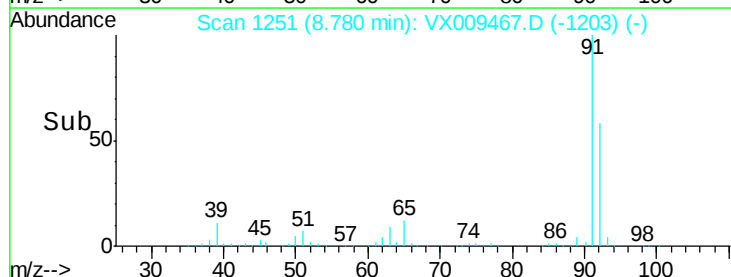
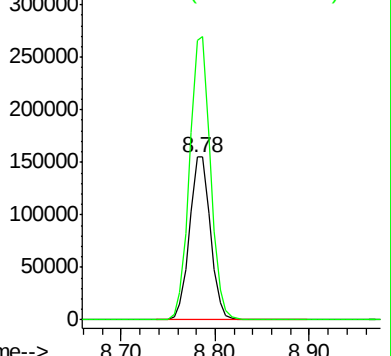
92 100

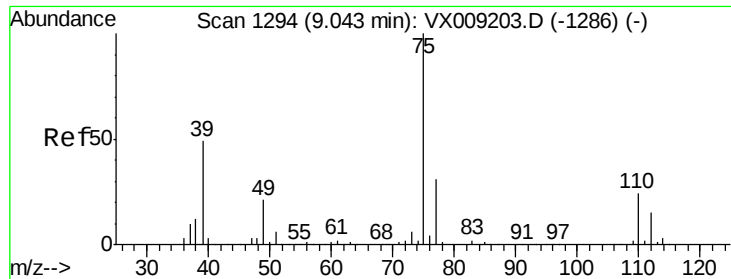
91 172.8 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 51.272 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.01 min

Lab File: VX009467.D

Acq: 10 May 2019 07:19

Instrument :

MSVOA_X

ClientSampleId :

SS052MW592-190507MS

Tot Ion: 75 Resp: 138648

Ion Ratio Lower Upper

75 100

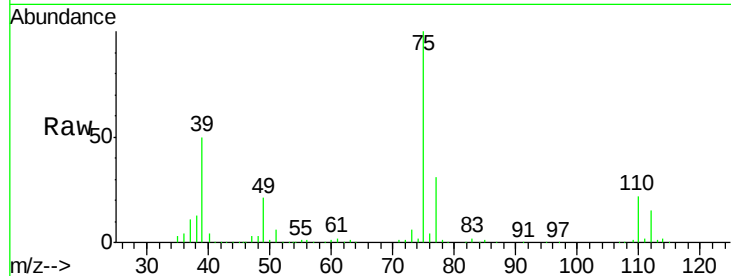
77 31.1 25.0 37.6

Manual Integrations

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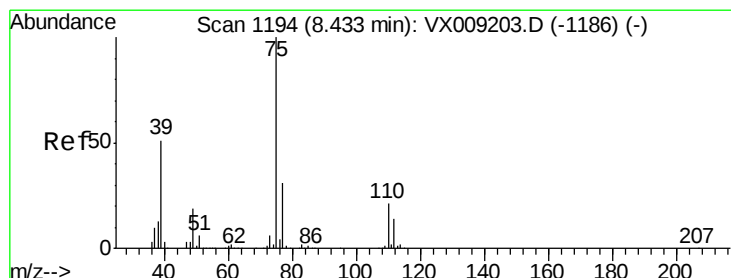
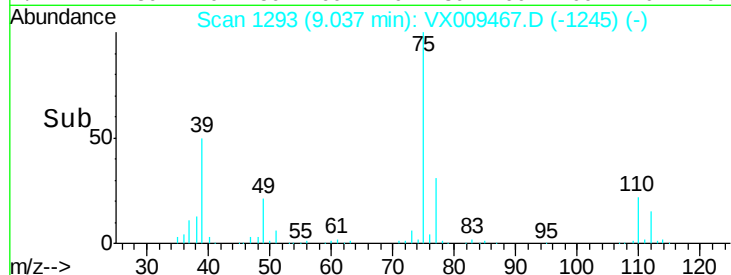
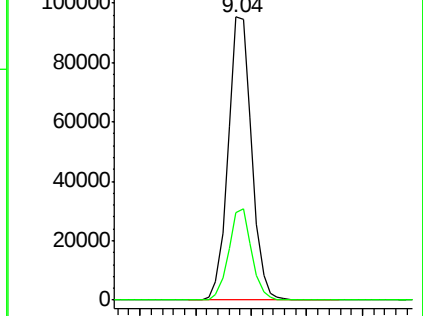
MMDadoda

5/10/2019 1:12:56 PM



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 50.891 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX009467.D

Acq: 10 May 2019 07:19

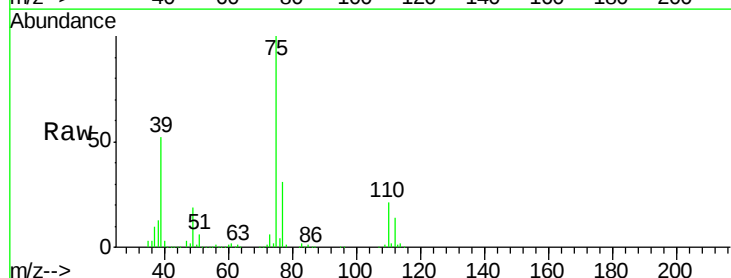
Tgt Ion: 75 Resp: 152321

Ion Ratio Lower Upper

75 100

77 31.4 24.6 36.8

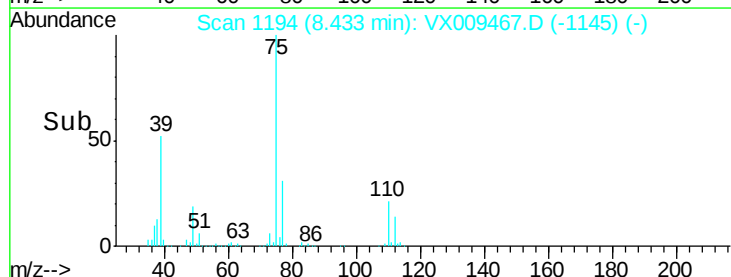
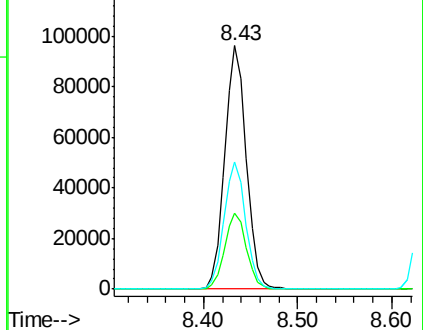
39 52.2 40.6 60.8

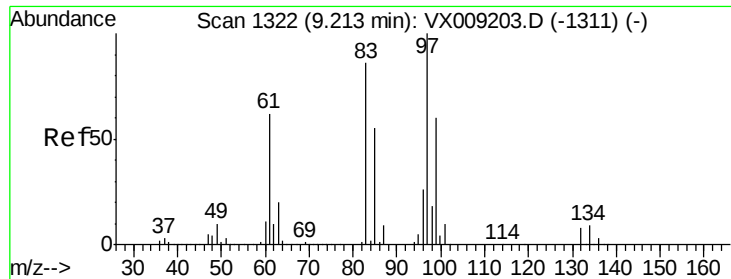


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





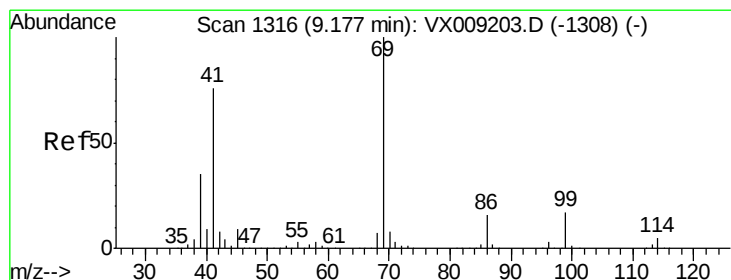
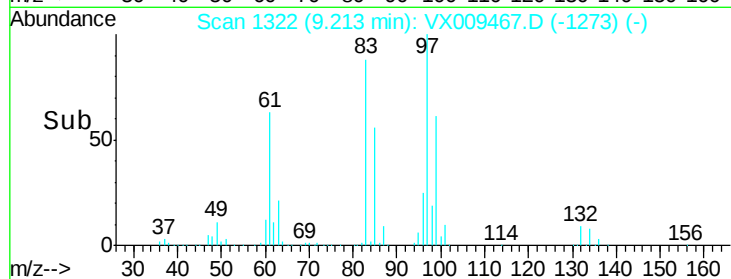
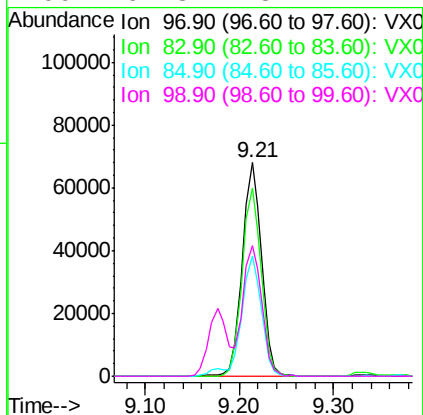
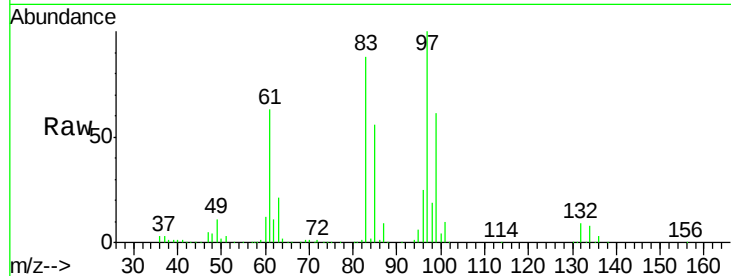
#55
 1,1,2-Trichloroethane
 Concen: 53.678 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX009467.D
 Acq: 10 May 2019 07:19

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW592-190507MS

Tot Ion:	97	Resp:	97207
Ion	Ratio	Lower	Upper
97	100		
83	88.4	68.9	103.3
85	56.4	43.8	65.6
99	61.3	48.2	72.2

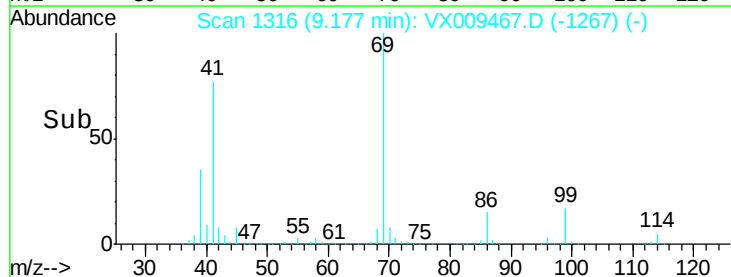
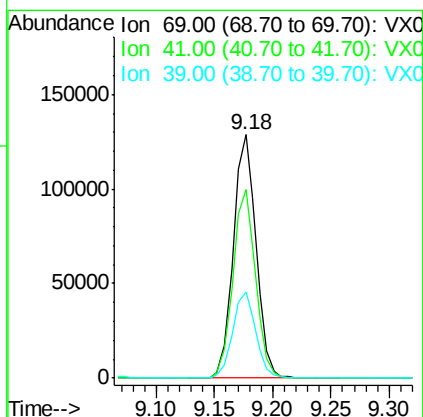
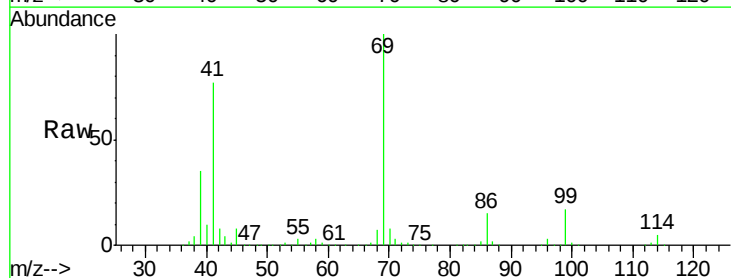
Manual Integrations
 APPROVED

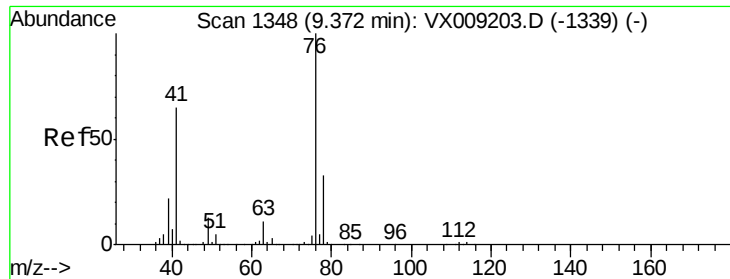
MMDadoda
 5/10/2019 1:12:56 PM



#56
 Ethyl methacrylate
 Concen: 54.320 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX009467.D
 Acq: 10 May 2019 07:19

Tgt Ion:	69	Resp:	175597
Ion	Ratio	Lower	Upper
69	100		
41	76.6	60.6	90.8
39	35.5	28.2	42.4





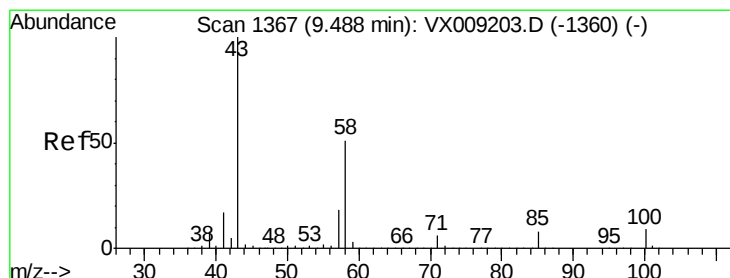
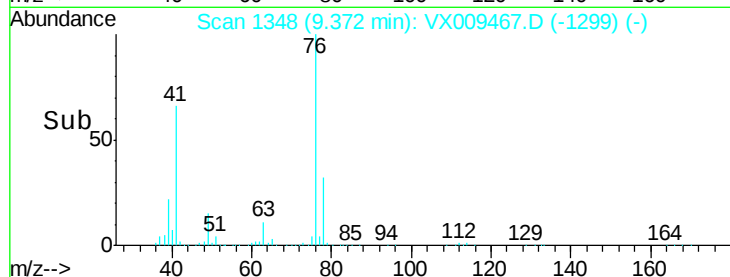
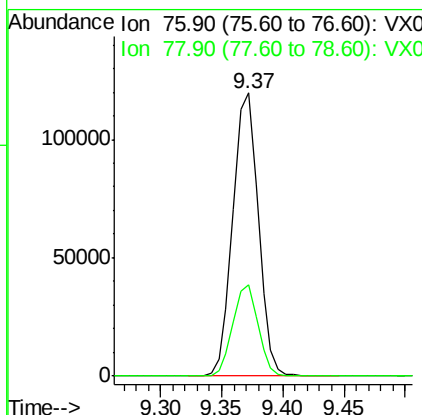
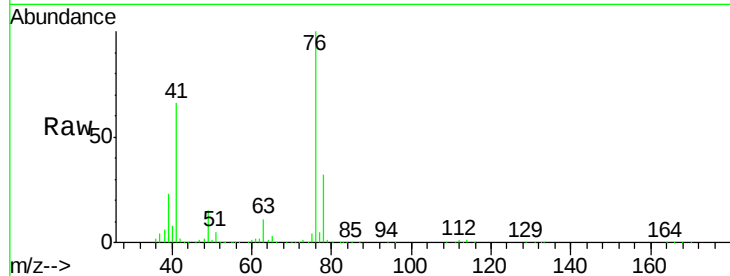
#57
 1,3-Dichloropropane
 Concen: 54.160 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX009467.D
 Acq: 10 May 2019 07:19

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW592-190507MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.9	25.5	38.3

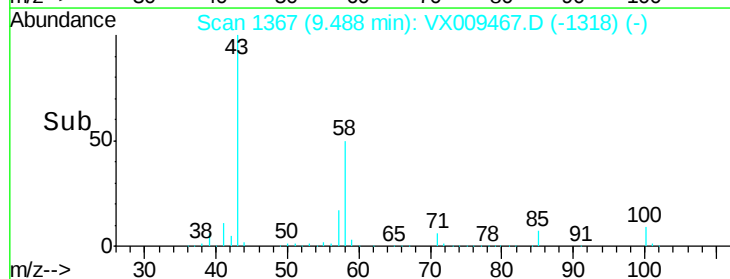
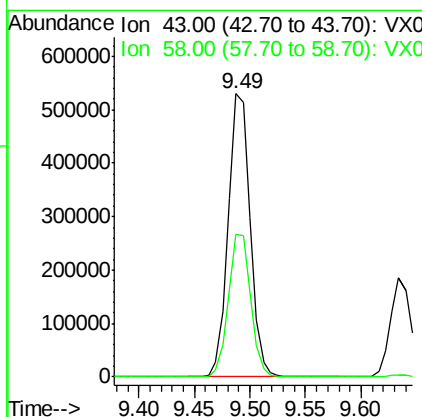
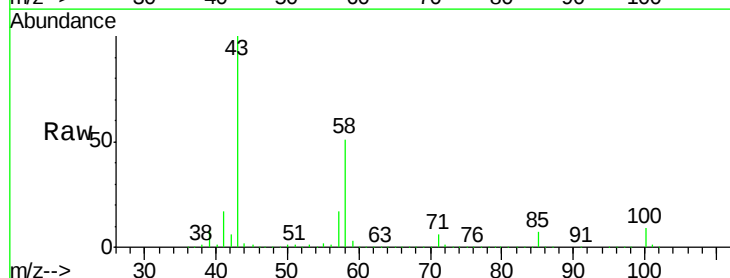
Manual Integrations
 APPROVED

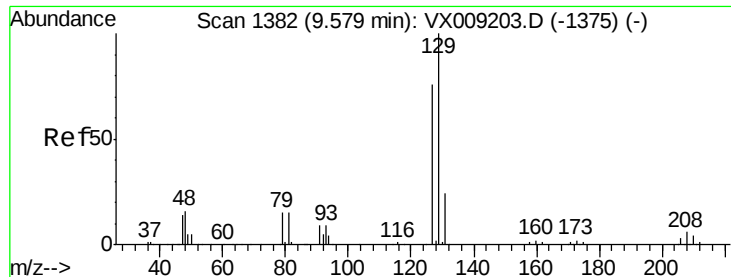
MMDadoda
 5/10/2019 1:12:56 PM



#59
 2-Hexanone
 Concen: 268.342 ug/l
 RT: 9.49 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: VX009467.D
 Acq: 10 May 2019 07:19

Tgt Ion	Ratio	Lower	Upper
43	100		
58	51.1	25.9	77.7





#60

Dibromochloromethane

Concen: 54.771 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VX009467.D

Acq: 10 May 2019 07:19

Instrument :

MSVOA_X

ClientSampleId :

SS052MW592-190507MS

Tot Ion:129 Resp: 96874

Ion Ratio Lower Upper

129 100

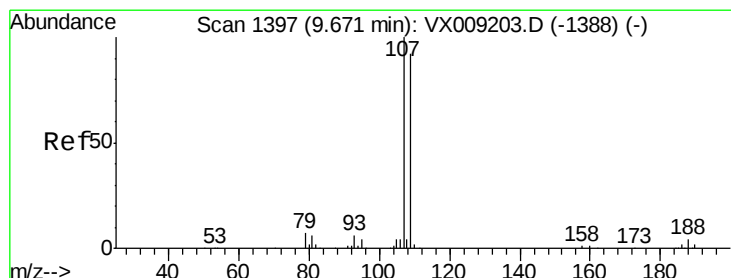
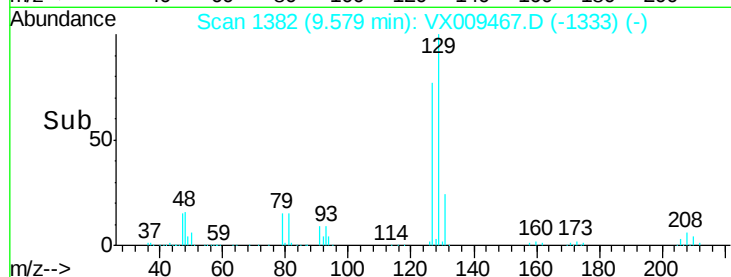
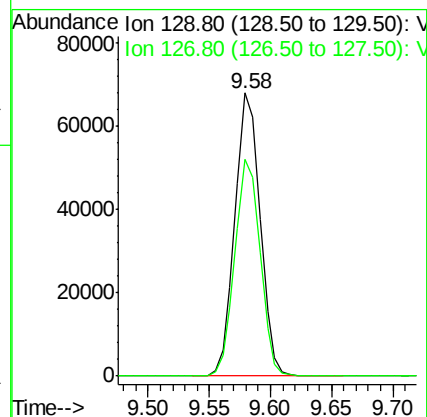
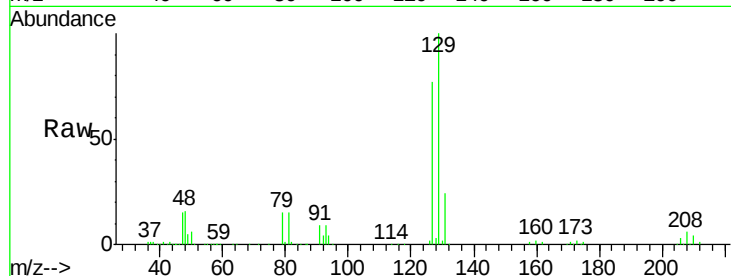
127 76.7 38.4 115.1

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#61

1,2-Dibromoethane

Concen: 54.370 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX009467.D

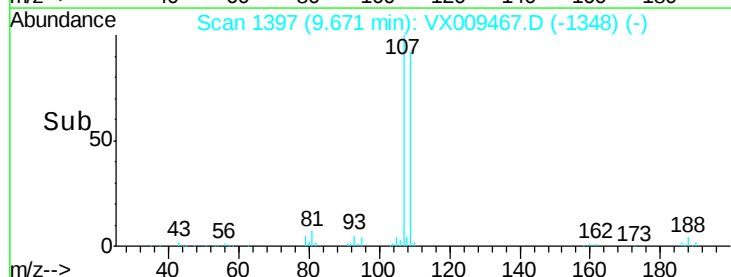
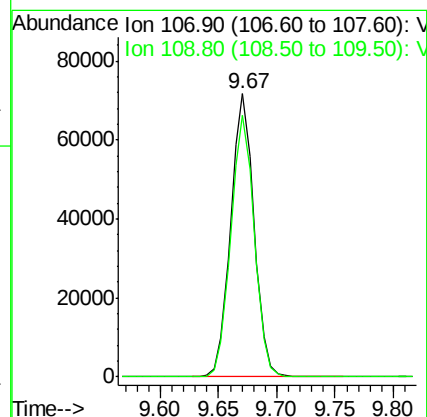
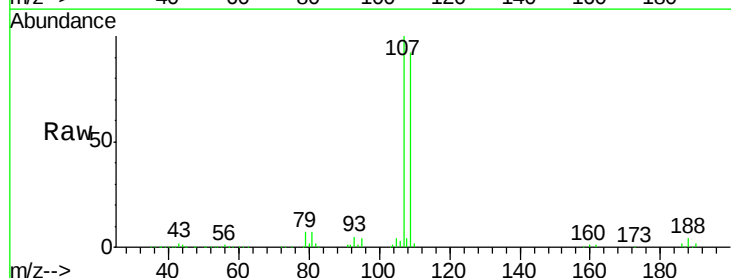
Acq: 10 May 2019 07:19

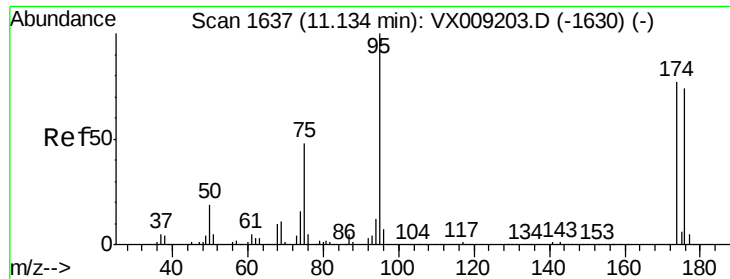
Tgt Ion:107 Resp: 99390

Ion Ratio Lower Upper

107 100

109 93.2 75.2 112.8





#62

4-Bromofluorobenzene

Concen: 51.187 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009467.D

Acq: 10 May 2019 07:19

Instrument :

MSVOA_X

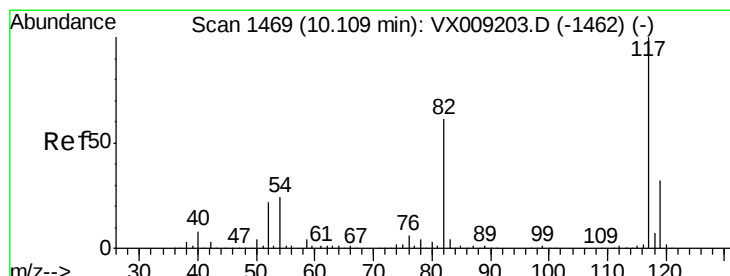
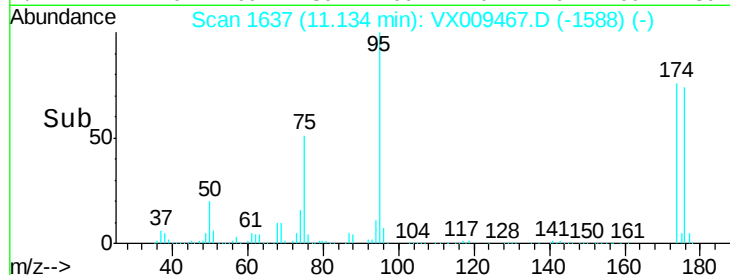
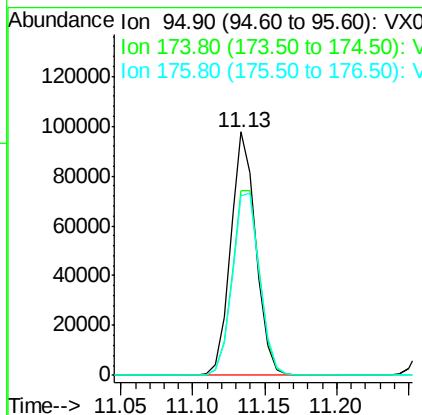
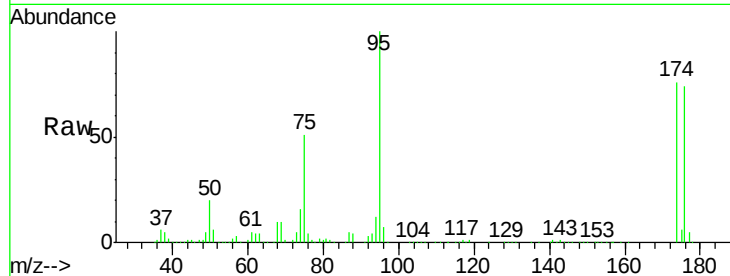
ClientSampleId :

SS052MW592-190507MS

Tot Ion:	95	Resp:	119852
Ion	Ratio	Lower	Upper
95	100		
174	82.2	0.0	161.6
176	80.5	0.0	159.2

Manual Integrations
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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

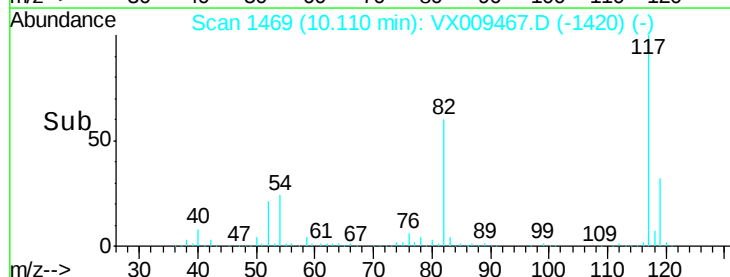
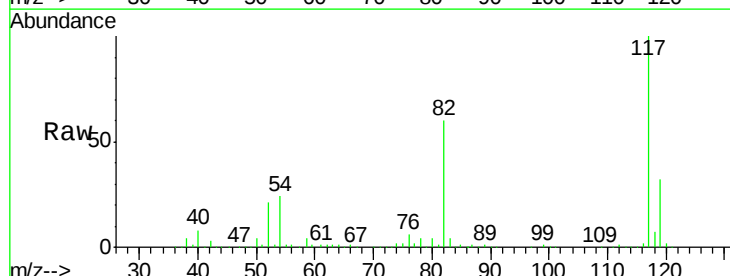
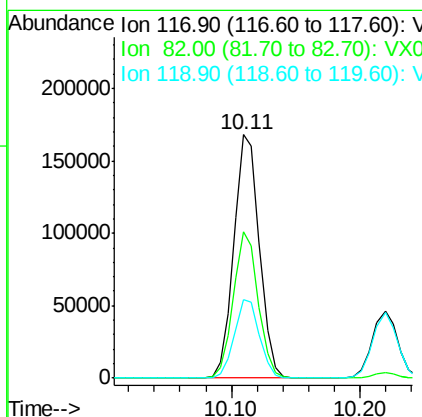
RT: 10.11 min Scan# 1469

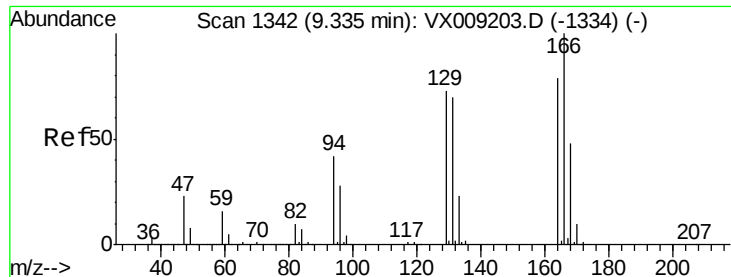
Delta R.T. 0.00 min

Lab File: VX009467.D

Acq: 10 May 2019 07:19

Tgt Ion:	117	Resp:	232017
Ion	Ratio	Lower	Upper
117	100		
82	60.2	48.8	73.2
119	32.3	25.8	38.6





#64

Tetrachloroethene

Concen: 50.596 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX009467.D

Acq: 10 May 2019 07:19

Instrument :

MSVOA_X

ClientSampleId :

SS052MW592-190507MS

Tot Ion:164 Resp: 80526

Ion Ratio Lower Upper

164 100

166 126.8 101.2 151.8

129 92.3 74.3 111.5

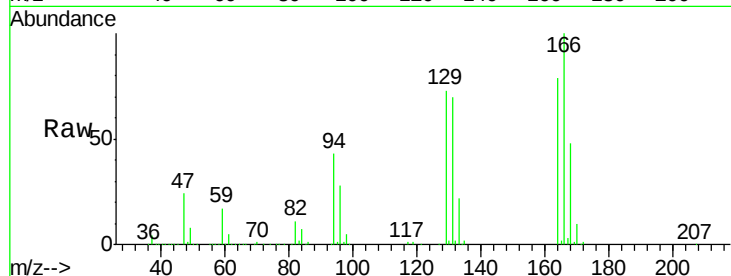
131 88.6 71.0 106.6

Manual Integrations

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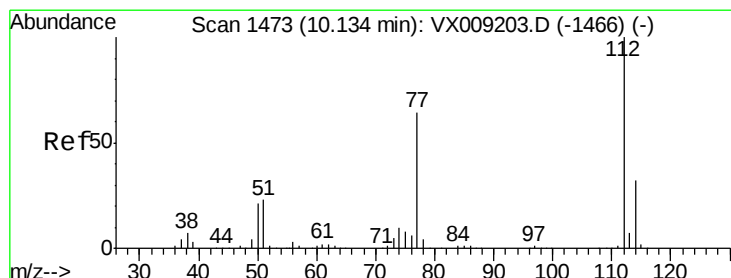
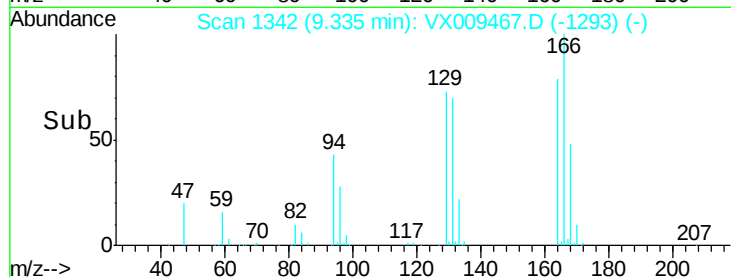
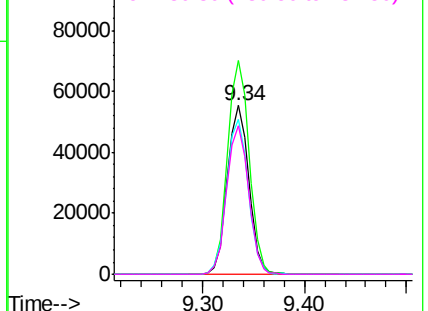


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 53.244 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX009467.D

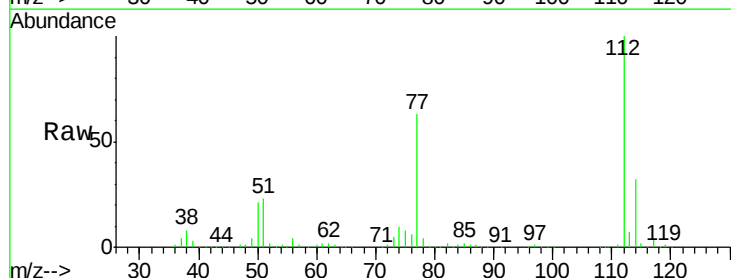
Acq: 10 May 2019 07:19

Tgt Ion:112 Resp: 247124

Ion Ratio Lower Upper

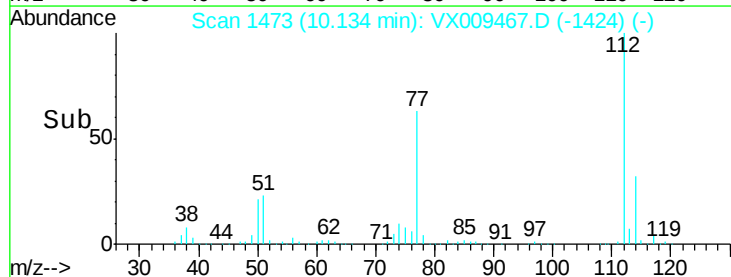
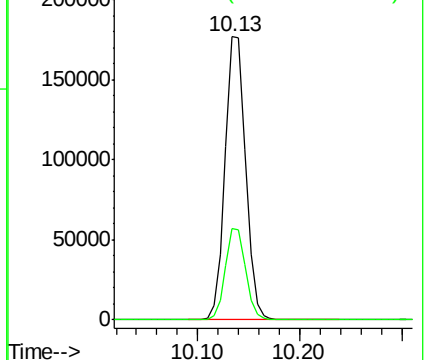
112 100

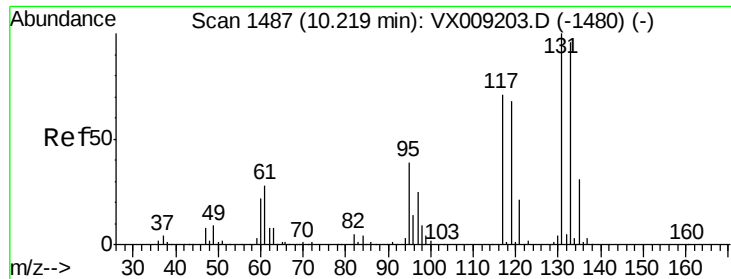
114 32.2 25.5 38.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





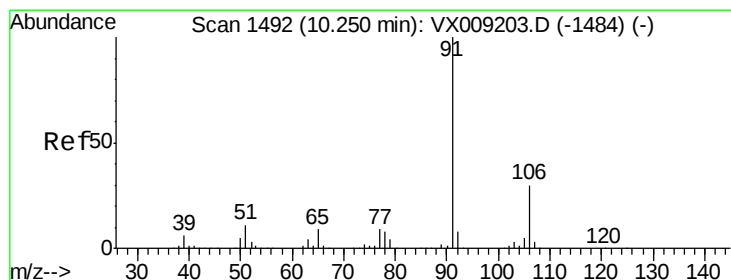
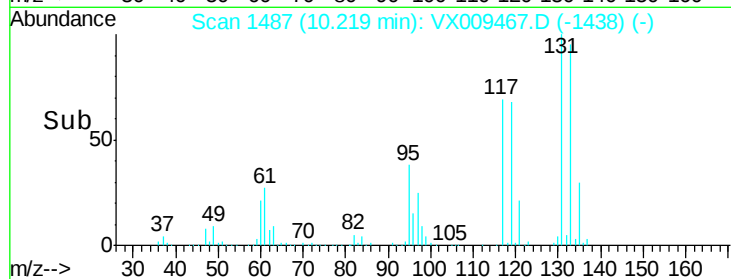
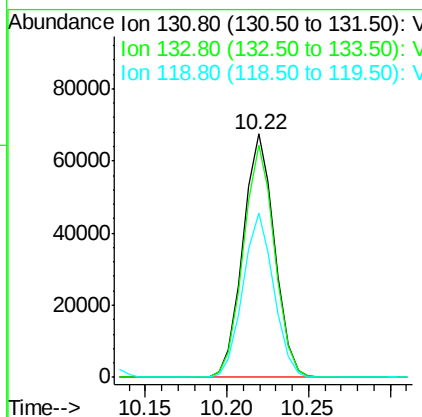
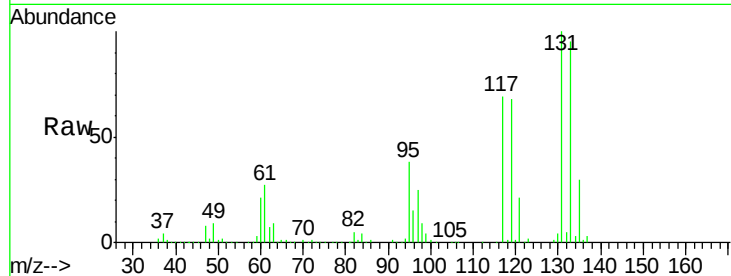
#66
 1,1,1,2-Tetrachloroethane
 Concen: 54.031 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VX009467.D
 Acq: 10 May 2019 07:19

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW592-190507MS

Tot Ion	Ratio	Lower	Upper
131	100		
133	94.5	47.7	143.1
119	66.0	33.5	100.4

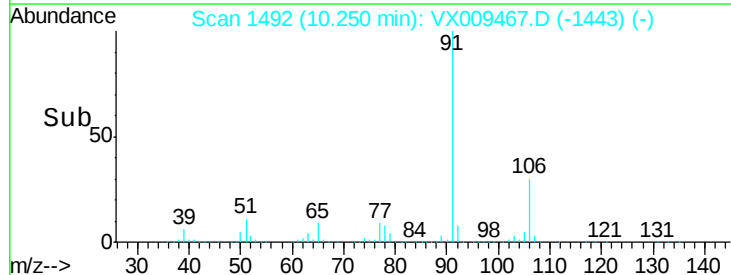
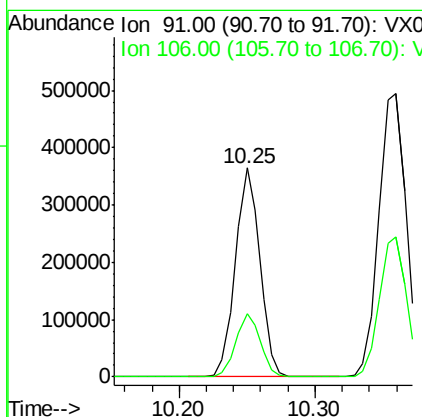
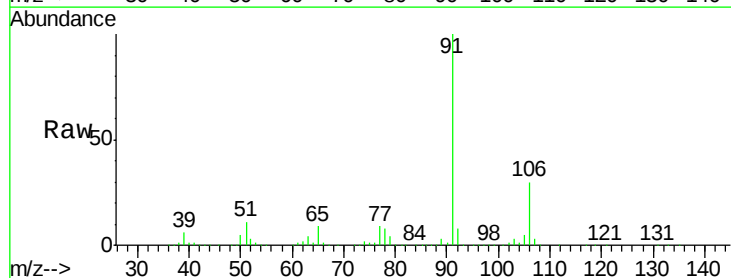
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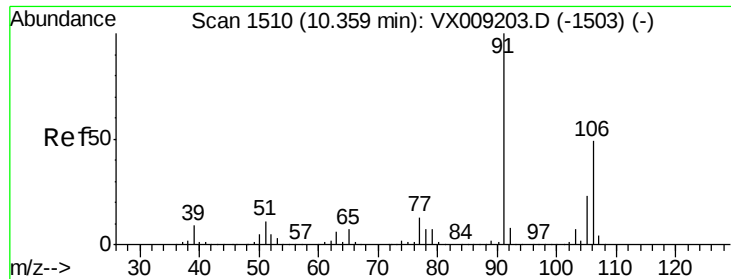
MMDadoda
 5/10/2019 1:12:56 PM



#67
 Ethyl Benzene
 Concen: 53.736 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: VX009467.D
 Acq: 10 May 2019 07:19

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.0	24.0	36.0





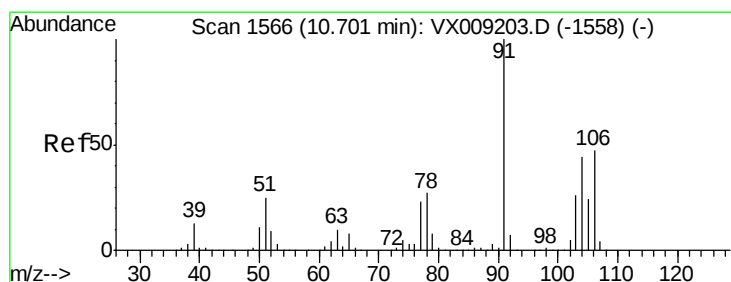
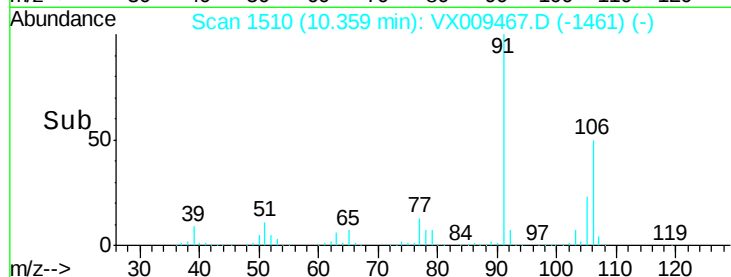
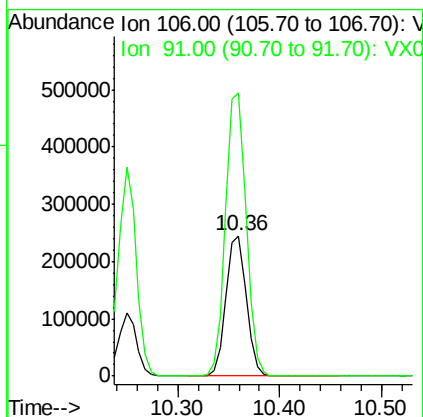
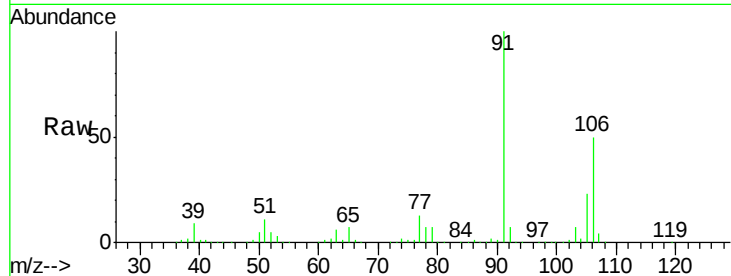
#68
m/p-Xylenes
Concen: 108.350 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX009467.D
Acq: 10 May 2019 07:19

Instrument :
MSVOA_X
ClientSampleId :
SS052MW592-190507MS

Tot Ion:106 Resp: 338212
Ion Ratio Lower Upper
106 100
91 205.1 164.0 246.0

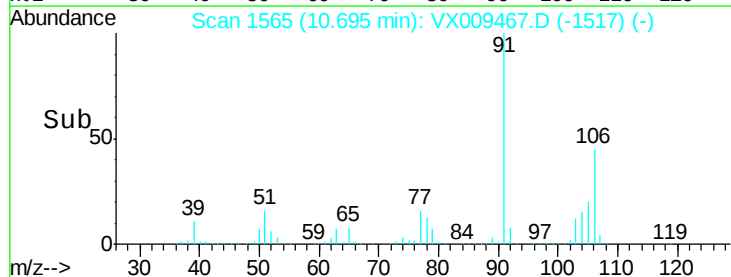
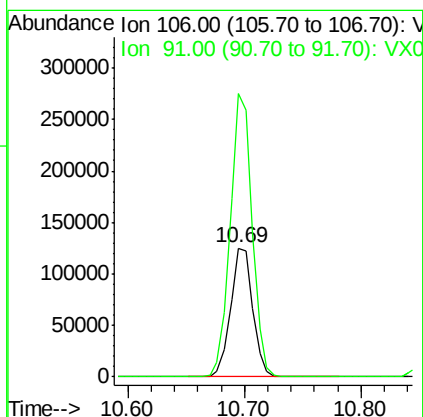
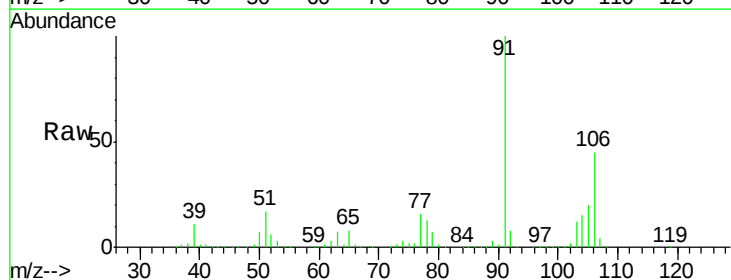
Manual Integrations
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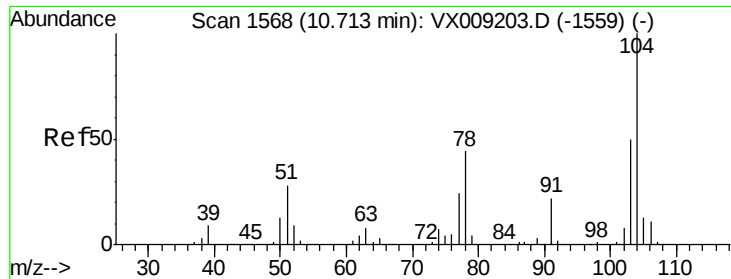
MMDadoda
5/10/2019 1:12:56 PM



#69
o-Xylene
Concen: 53.601 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009467.D
Acq: 10 May 2019 07:19

Tgt Ion:106 Resp: 165081
Ion Ratio Lower Upper
106 100
91 217.8 109.5 328.4





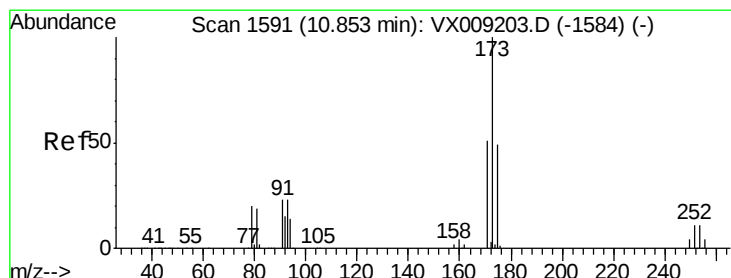
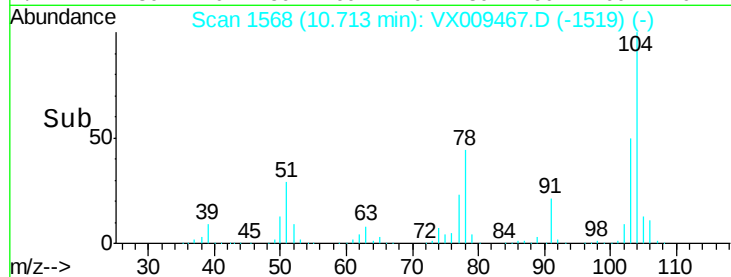
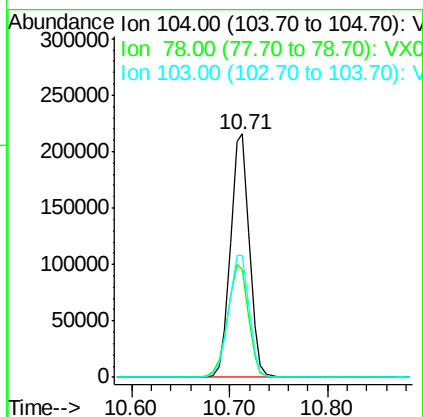
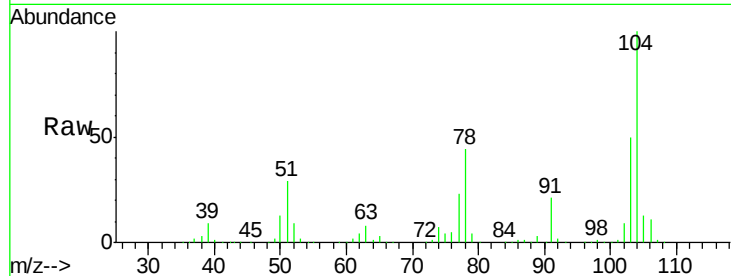
#70
Stvrene
Concen: 53.874 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX009467.D
Acq: 10 May 2019 07:19

Instrument :
MSVOA_X
ClientSampleId :
SS052MW592-190507MS

Tot Ion	Ratio	Lower	Upper
104	100		
78	51.2	41.0	61.4
103	55.0	43.8	65.6

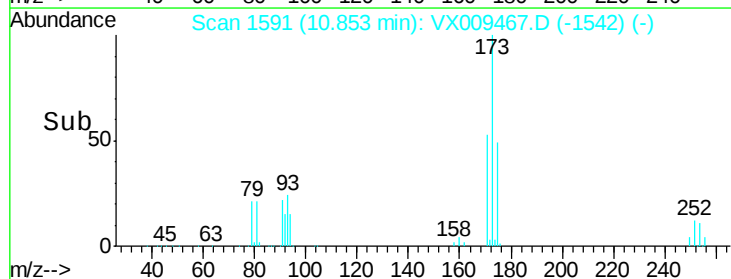
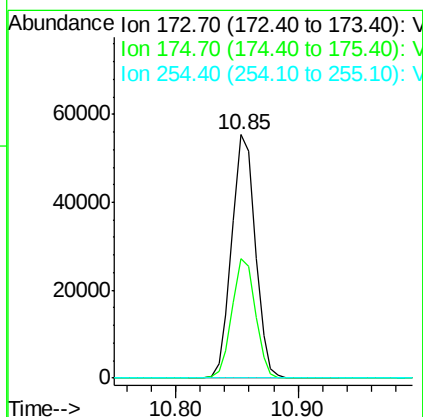
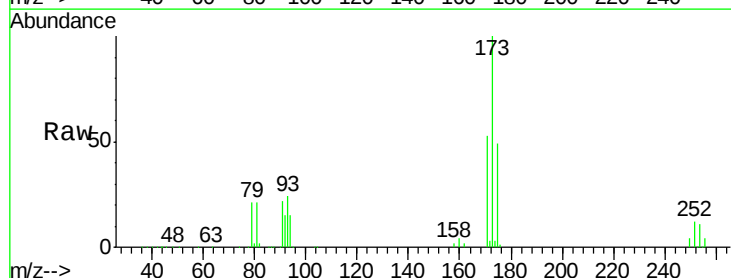
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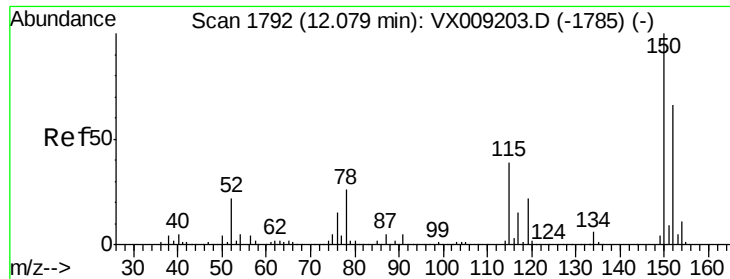
MMDadoda
5/10/2019 1:12:56 PM



#71
Bromoform
Concen: 53.917 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX009467.D
Acq: 10 May 2019 07:19

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.5	73.5
254	0.2	0.1	0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX009467.D

Acq: 10 May 2019 07:19

Instrument :

MSVOA_X

ClientSampleId :

SS052MW592-190507MS

Tot Ion:152 Resp: 115668

Ion Ratio Lower Upper

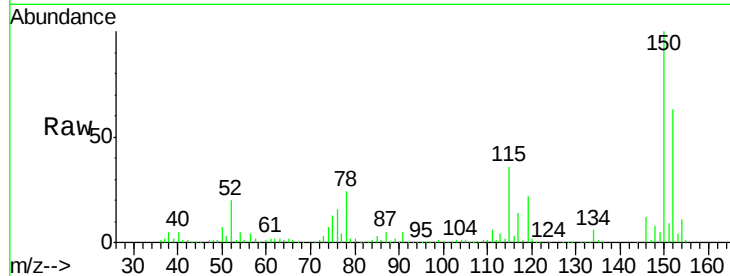
152 100

115 81.1 41.2 123.6

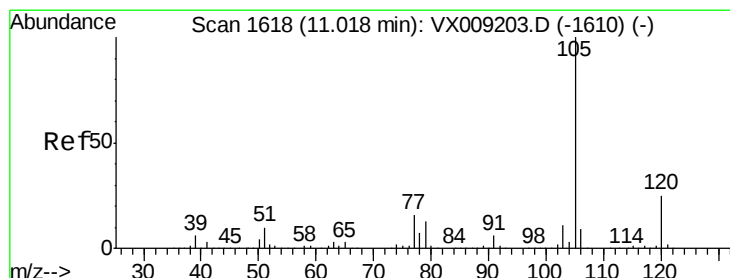
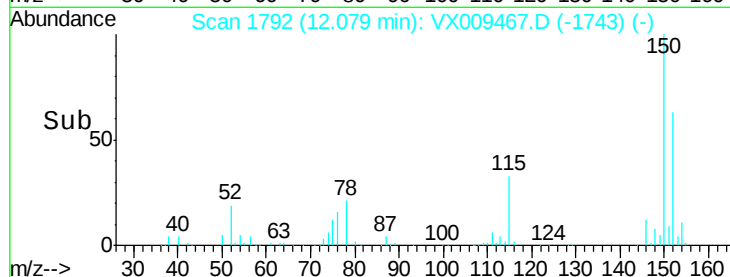
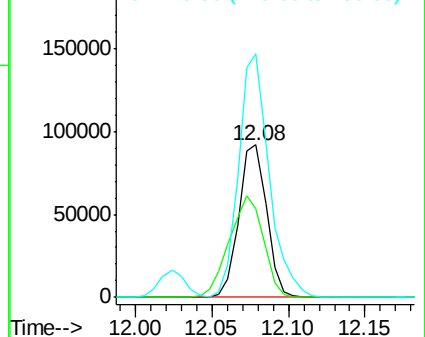
150 175.6 0.0 346.4

Manual Integrations
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Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 51.923 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX009467.D

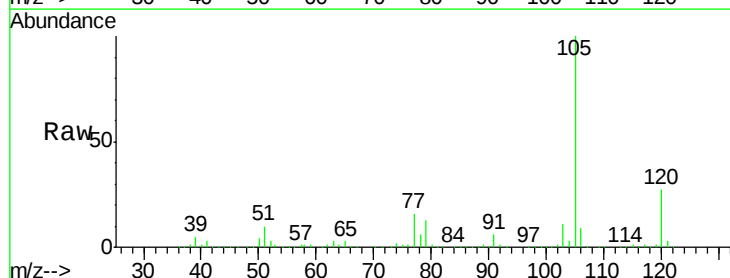
Acq: 10 May 2019 07:19

Tgt Ion:105 Resp: 436738

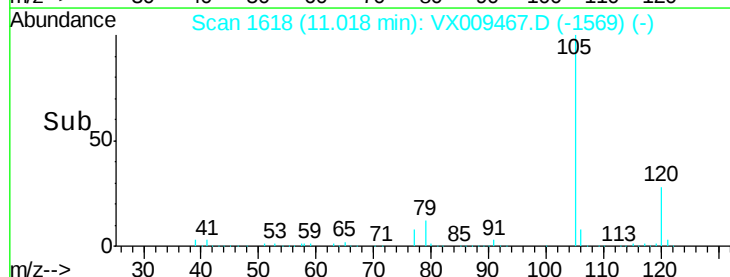
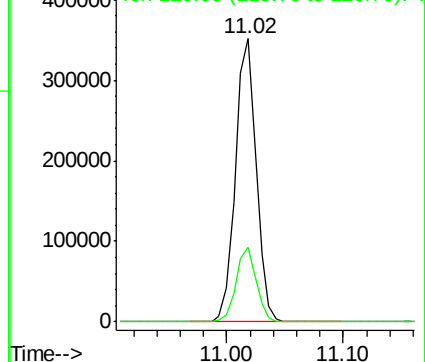
Ion Ratio Lower Upper

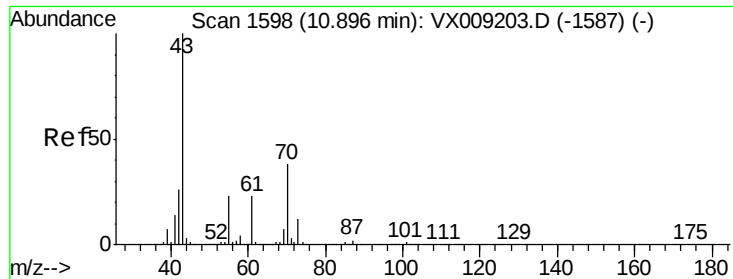
105 100

120 26.0 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 47.995 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX009467.D

Acq: 10 May 2019 07:19

Instrument :

MSVOA_X

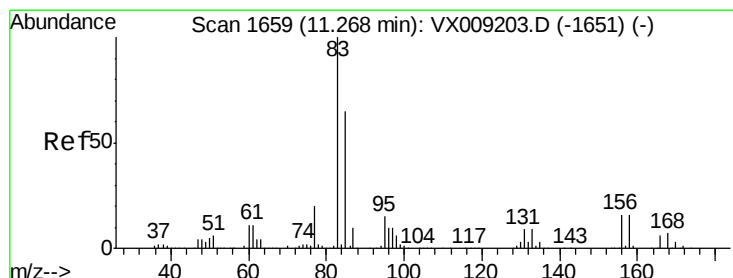
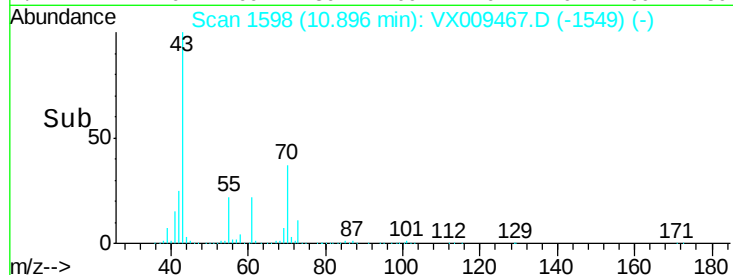
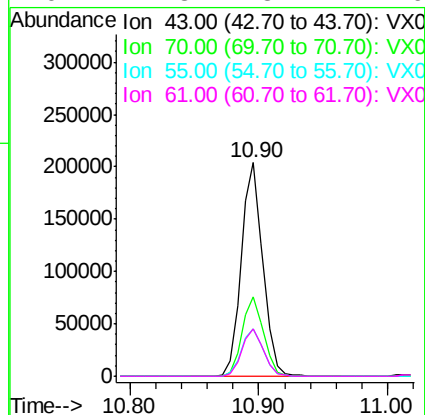
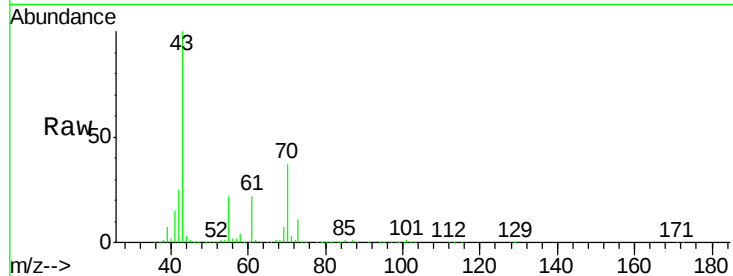
ClientSampleId :

SS052MW592-190507MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100		235358		
70	37.5	30.0	45.0		
55	22.9	17.9	26.9		
61	22.3	18.4	27.6		

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#75

1,1,2,2-Tetrachloroethane

Concen: 51.863 ug/l

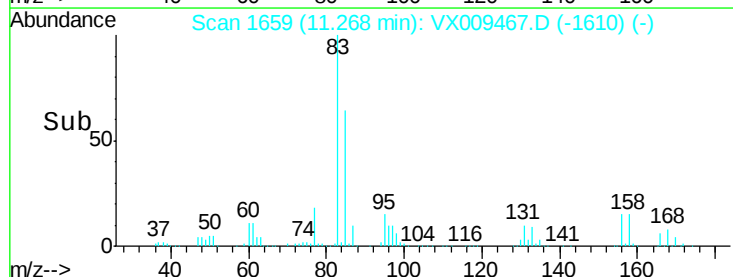
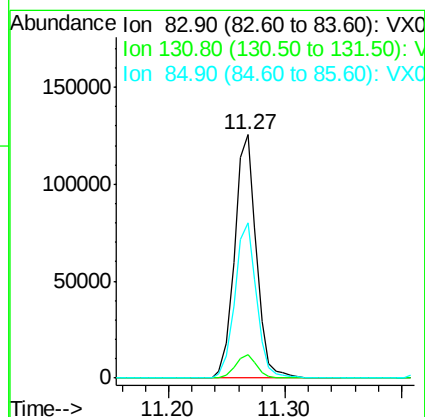
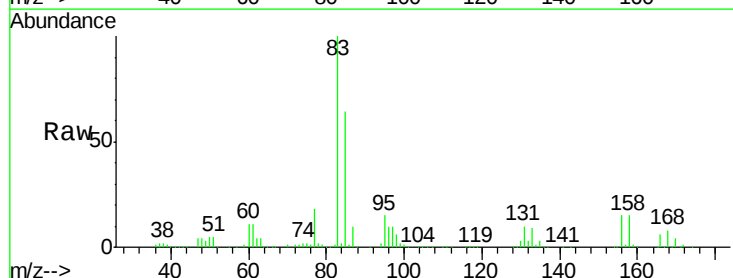
RT: 11.27 min Scan# 1659

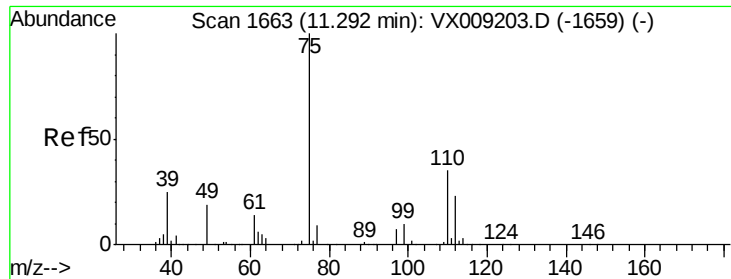
Delta R.T. 0.00 min

Lab File: VX009467.D

Acq: 10 May 2019 07:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100		162620		
131	9.4	4.6	13.8		
85	64.2	32.0	96.2		





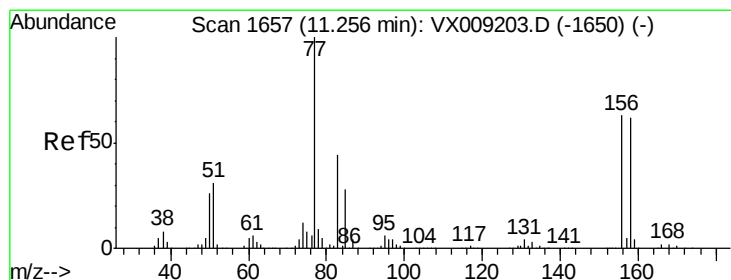
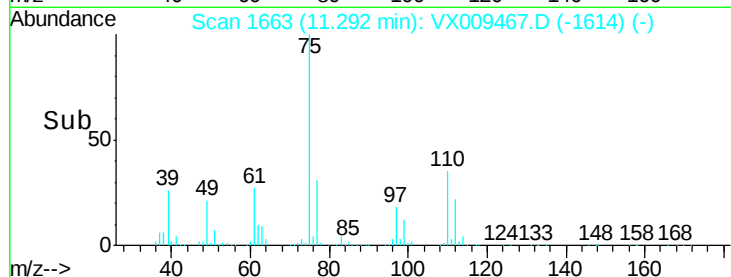
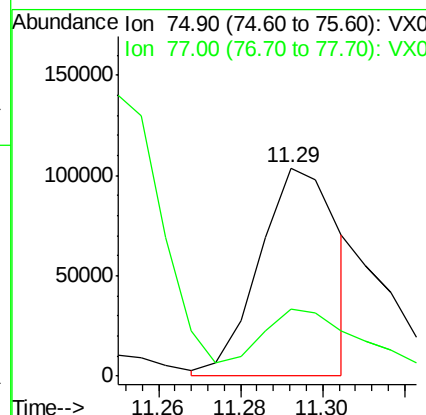
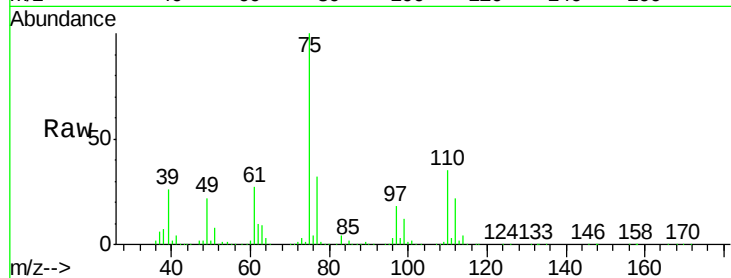
#76
 1,2,3-Trichloropropane
 Concen: 51.230 ug/l m
 RT: 11.29 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: VX009467.D
 Acq: 10 May 2019 07:19

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW592-190507MS

Tot Ion: 75 Resp: 137455
 Ion Ratio Lower Upper
 75 100
 77 42.2 22.1 66.1

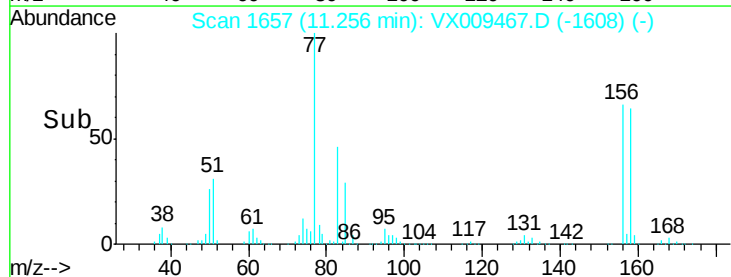
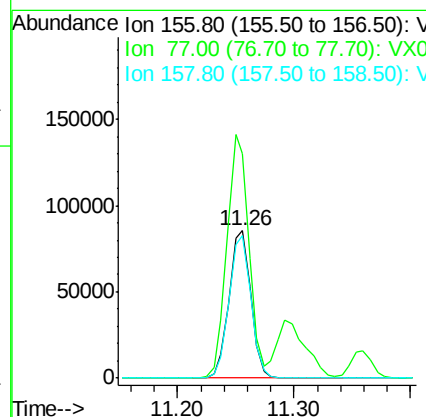
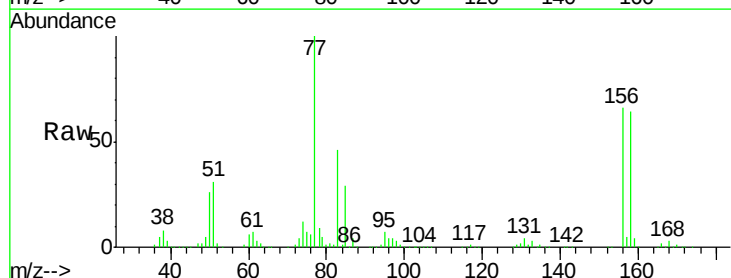
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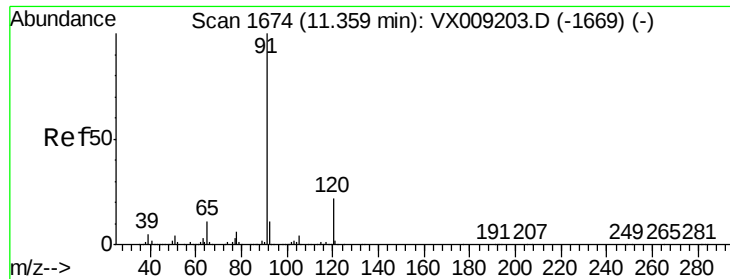
MMDadoda
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#77
 Bromobenzene
 Concen: 52.839 ug/l
 RT: 11.26 min Scan# 1657
 Delta R.T. 0.00 min
 Lab File: VX009467.D
 Acq: 10 May 2019 07:19

Tgt Ion: 156 Resp: 110313
 Ion Ratio Lower Upper
 156 100
 77 165.9 84.8 254.3
 158 97.0 49.1 147.3





#78

n-propylbenzene

Concen: 52.079 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009467.D

Acq: 10 May 2019 07:19

Instrument :

MSVOA_X

ClientSampleId :

SS052MW592-190507MS

Tot Ion: 91 Resp: 500273

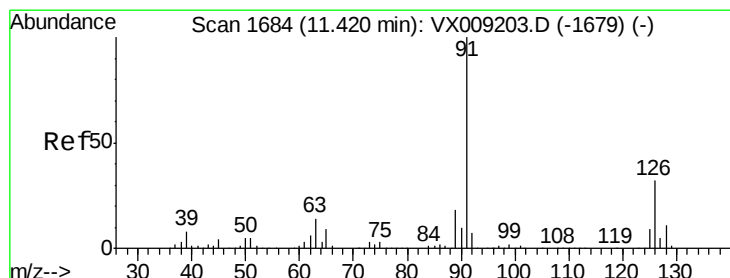
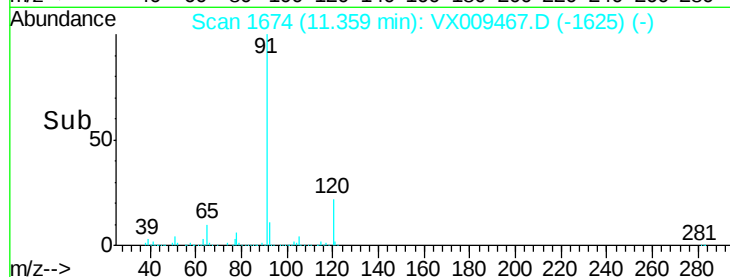
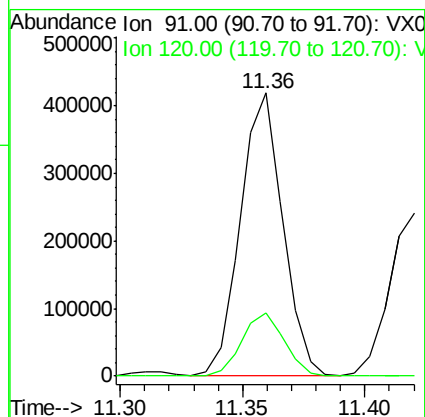
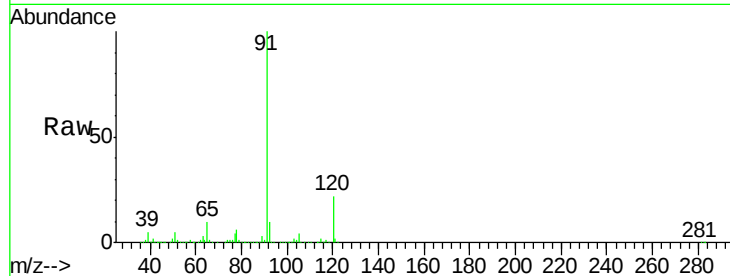
Ion Ratio Lower Upper

91 100

120 22.5 11.0 33.0

Manual Integrations
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#79

2-Chlorotoluene

Concen: 50.589 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX009467.D

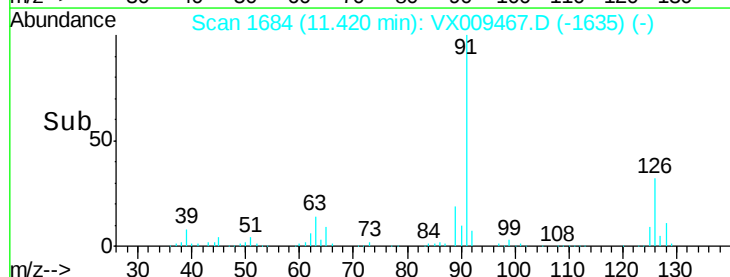
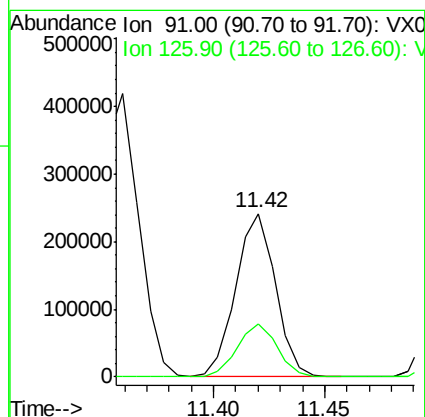
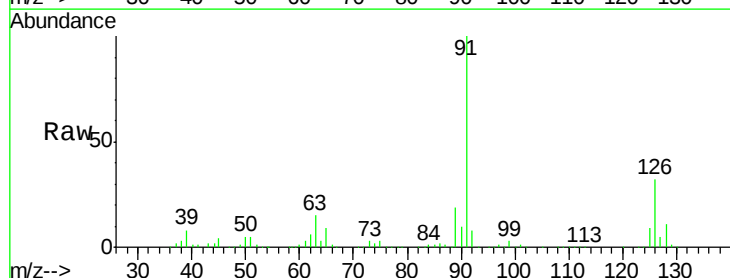
Acq: 10 May 2019 07:19

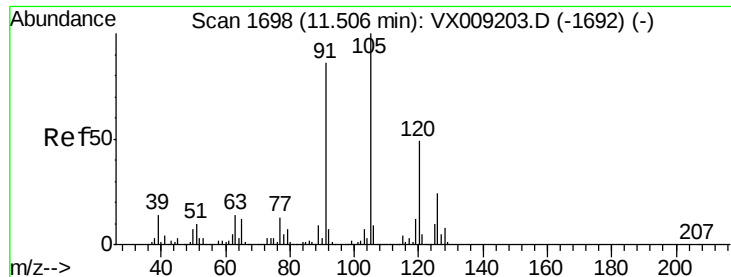
Tgt Ion: 91 Resp: 299812

Ion Ratio Lower Upper

91 100

126 32.8 16.3 48.9





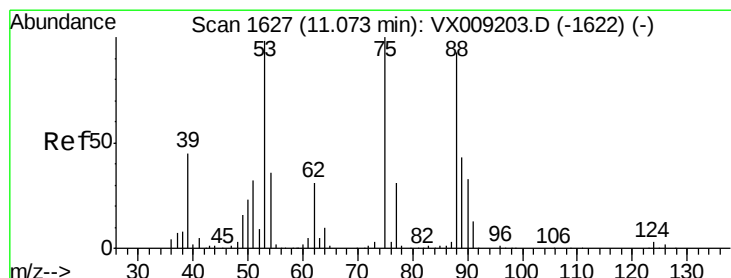
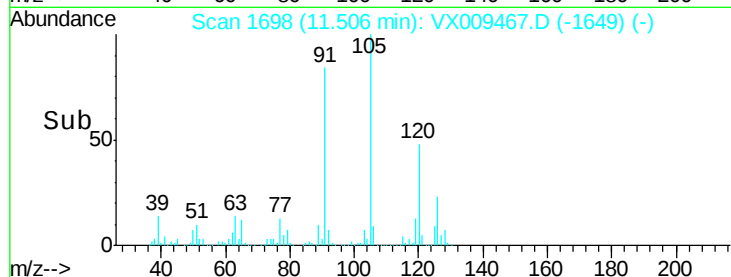
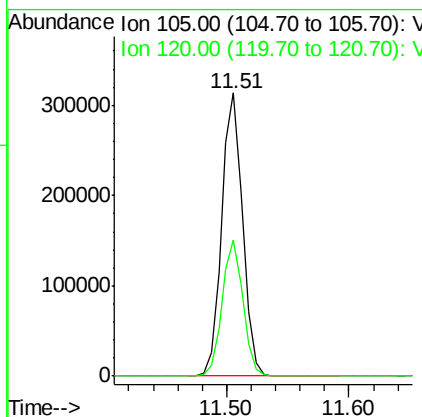
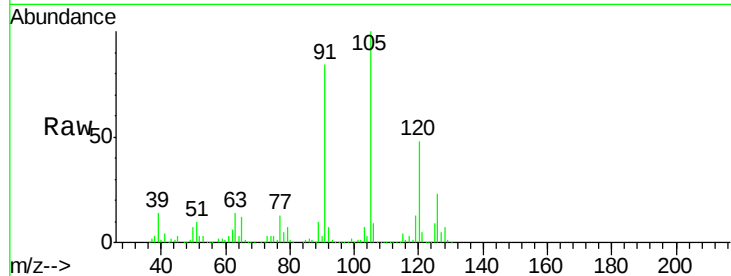
#80
 1,3,5-Trimethylbenzene
 Concen: 52.322 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX009467.D
 Acq: 10 May 2019 07:19

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW592-190507MS

Tot Ion:105 Resp: 370560
 Ion Ratio Lower Upper
 105 100
 120 47.7 24.3 72.9

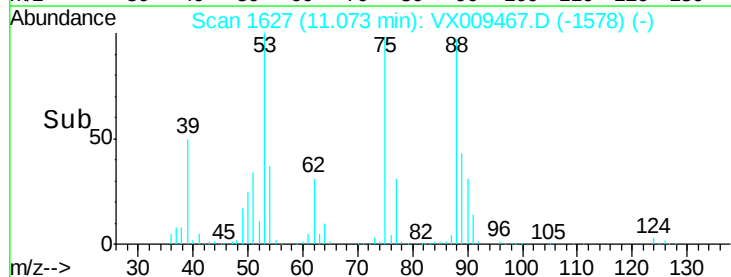
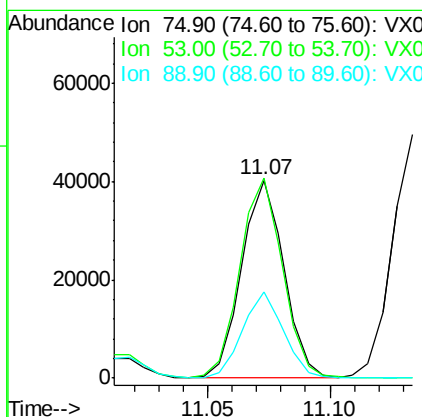
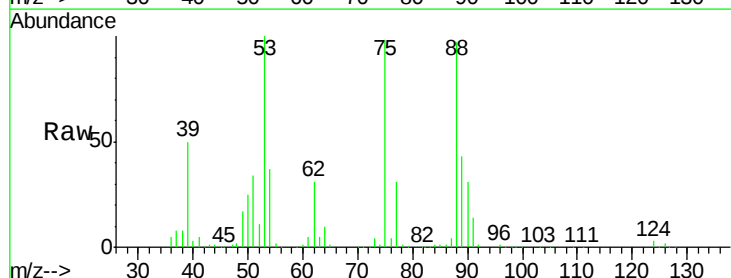
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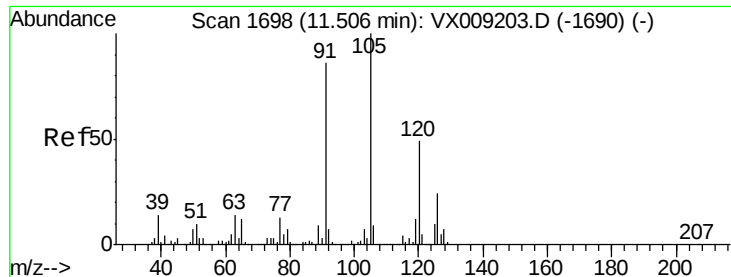
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#81
 trans-1,4-Dichloro-2-butene
 Concen: 45.906 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX009467.D
 Acq: 10 May 2019 07:19

Tgt Ion: 75 Resp: 48139
 Ion Ratio Lower Upper
 75 100
 53 102.0 79.0 118.6
 89 42.5 34.7 52.1





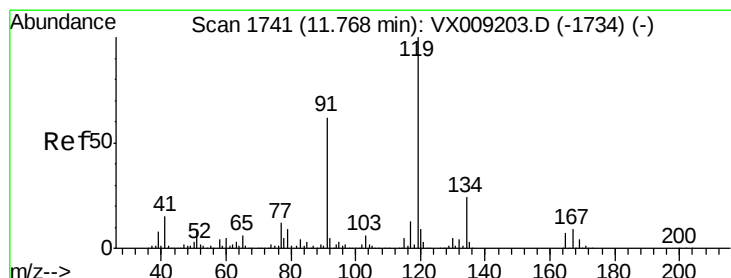
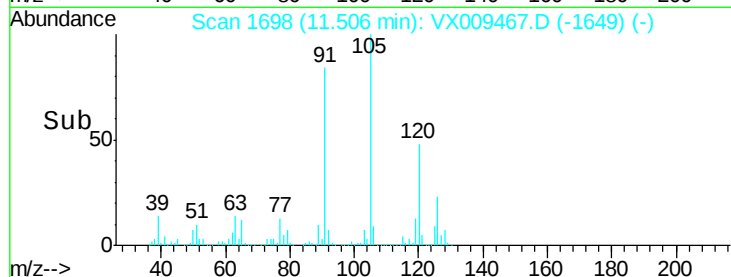
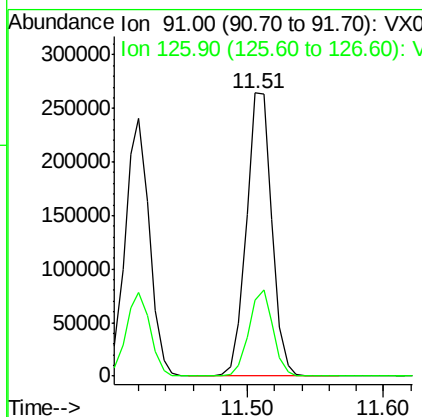
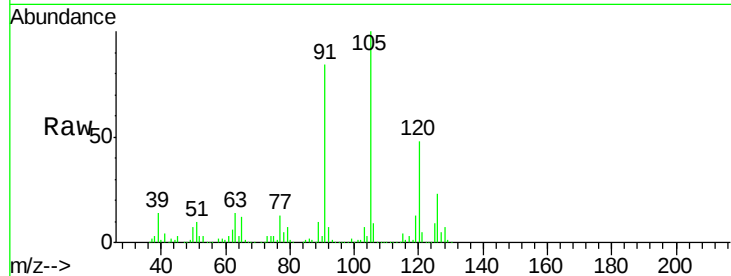
#82
4-Chlorotoluene
Concen: 51.562 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX009467.D
Acq: 10 May 2019 07:19

Instrument :
MSVOA_X
ClientSampleId :
SS052MW592-190507MS

Tot Ion	Ratio	Resp	Lower	Upper
91	100	345217		
126	29.0	14.5	43.6	

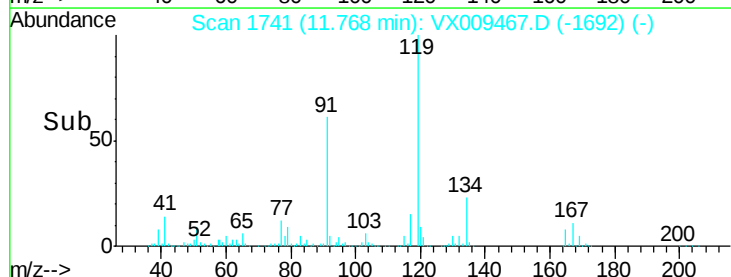
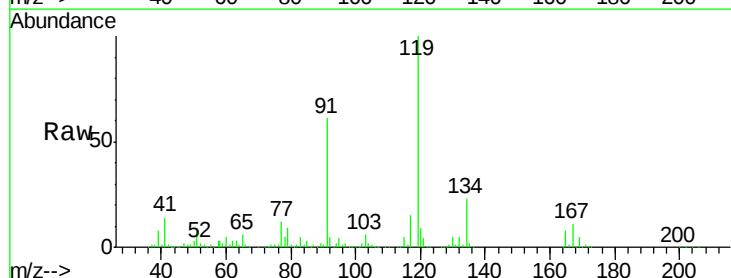
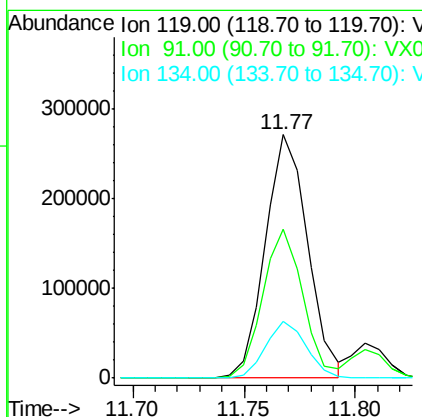
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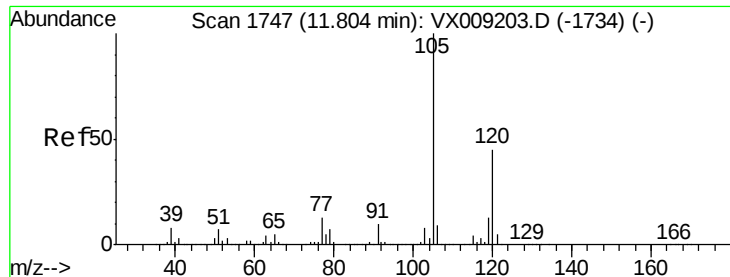
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#83
tert-Butylbenzene
Concen: 51.890 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX009467.D
Acq: 10 May 2019 07:19

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	357503		
91	58.3	29.5	88.5	
134	22.4	11.4	34.1	





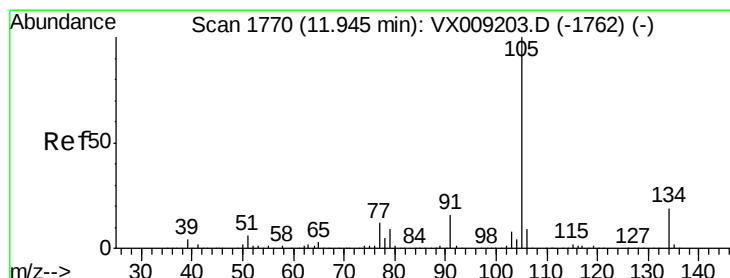
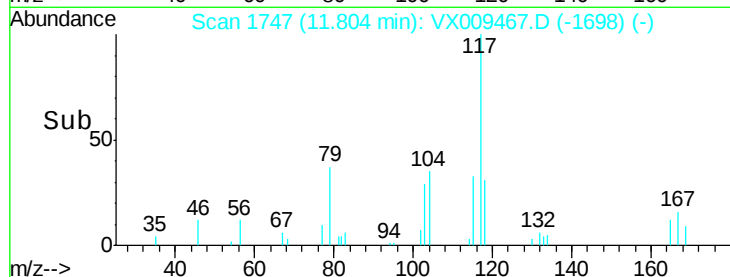
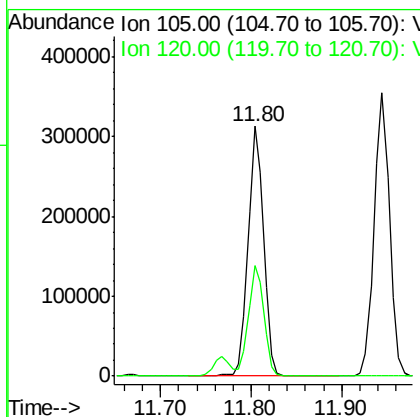
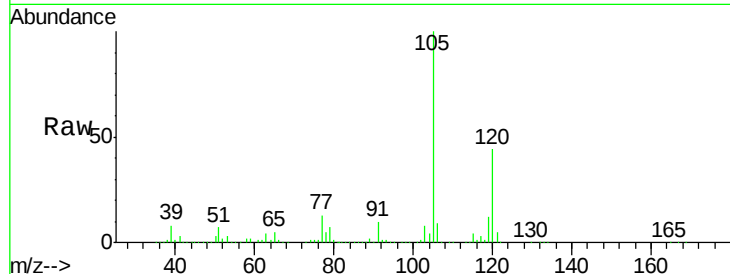
#84
 1,2,4-Trimethylbenzene
 Concen: 52.288 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX009467.D
 Acq: 10 May 2019 07:19

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW592-190507MS

Tot Ion:105 Resp: 371708
 Ion Ratio Lower Upper
 105 100
 120 43.5 22.0 66.0

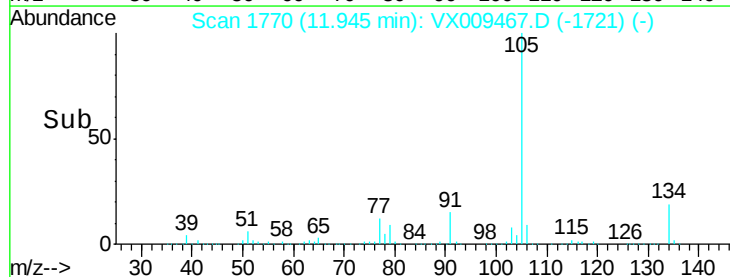
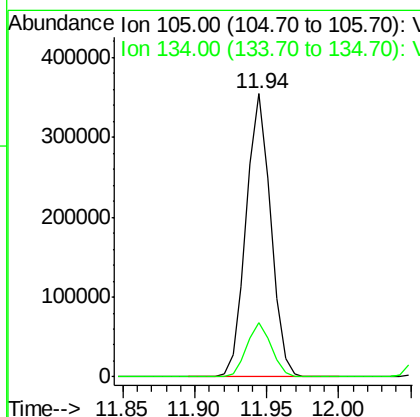
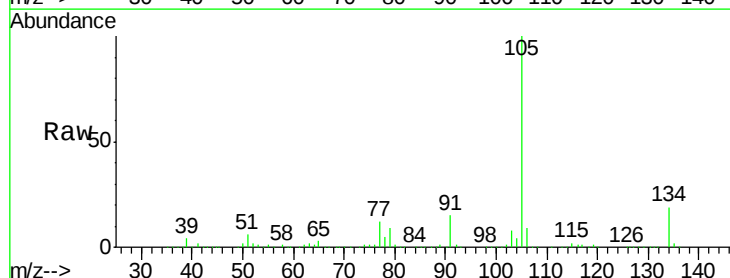
Manual Integrations
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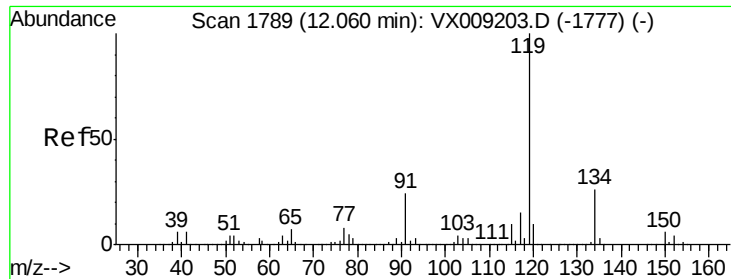
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#85
 sec-Butylbenzene
 Concen: 51.129 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX009467.D
 Acq: 10 May 2019 07:19

Tgt Ion:105 Resp: 417631
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.7 28.9





#86

p-Isopropyltoluene

Concen: 51.469 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX009467.D

Acq: 10 May 2019 07:19

Instrument :

MSVOA_X

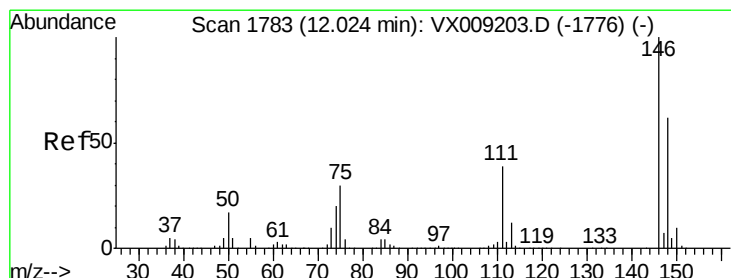
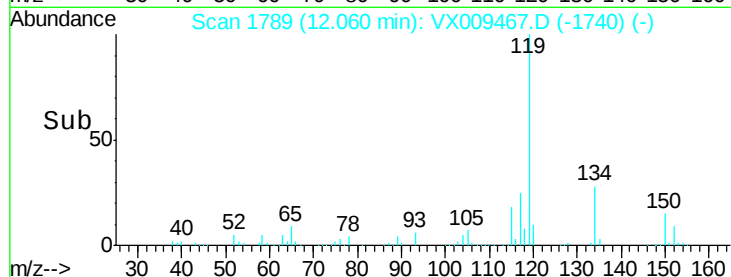
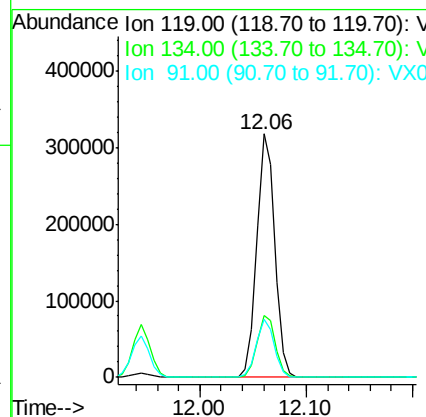
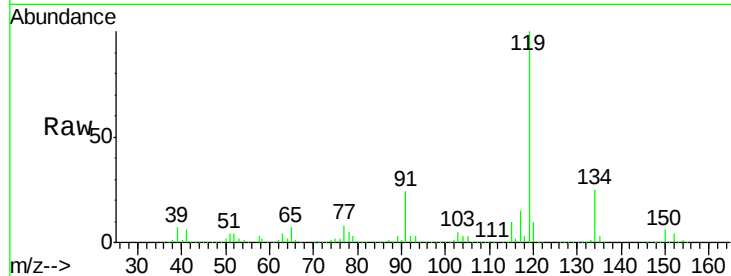
ClientSampleId :

SS052MW592-190507MS

Tot Ion:	119	Resp:	377947
Ion Ratio	Lower	Upper	
119	100		
134	25.8	12.9	38.7
91	23.8	11.8	35.4

Manual Integrations
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#87

1,3-Dichlorobenzene

Concen: 51.967 ug/l

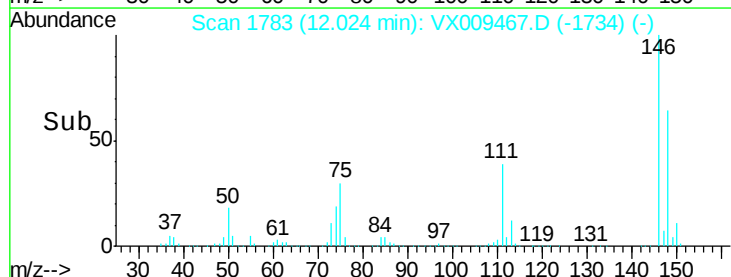
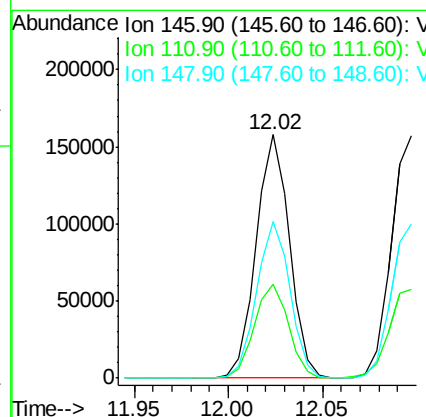
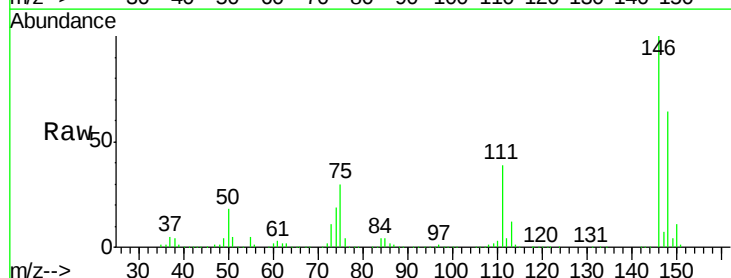
RT: 12.02 min Scan# 1783

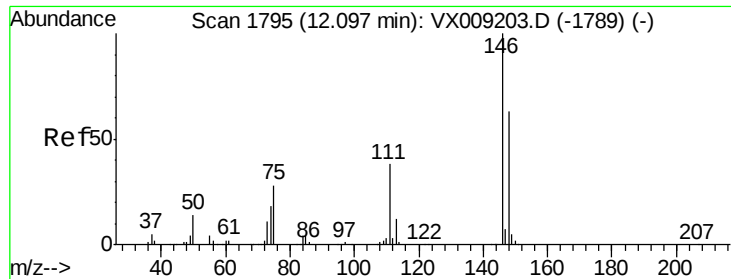
Delta R.T. 0.00 min

Lab File: VX009467.D

Acq: 10 May 2019 07:19

Tgt Ion:	146	Resp:	193406
Ion Ratio	Lower	Upper	
146	100		
111	39.7	20.0	59.9
148	64.2	31.8	95.3





#88

1,4-Dichlorobenzene

Concen: 51.284 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX009467.D

Acq: 10 May 2019 07:19

Instrument :

MSVOA_X

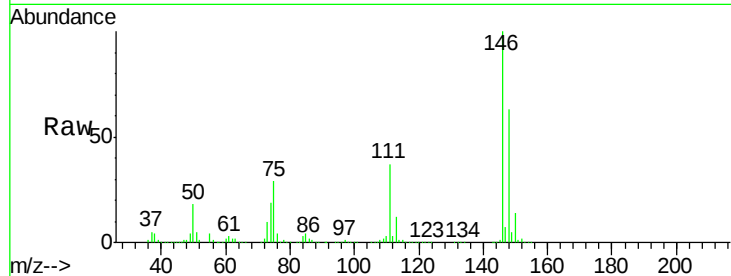
ClientSampleId :

SS052MW592-190507MS

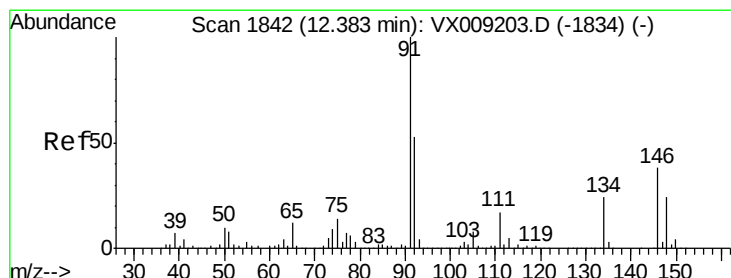
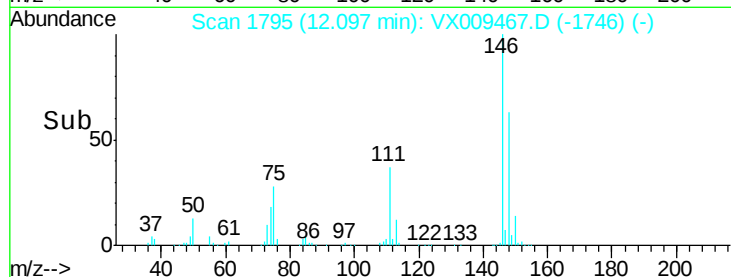
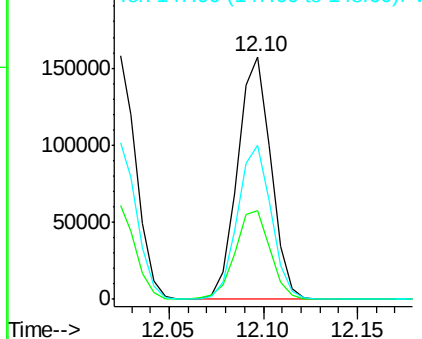
Tot Ion:	146	Resp:	192425
Ion Ratio		Lower	Upper
146	100		
111	38.7	19.6	58.8
148	64.3	31.8	95.3

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Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 50.380 ug/l

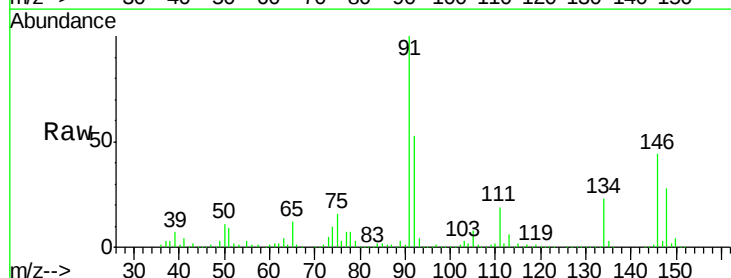
RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

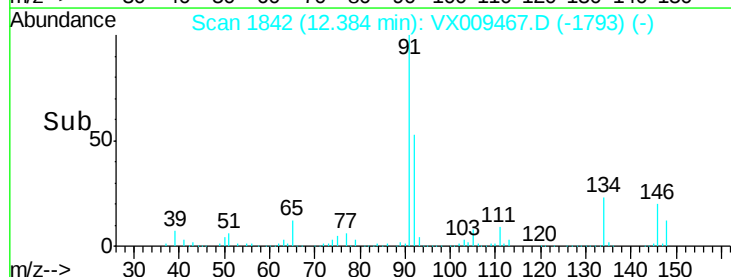
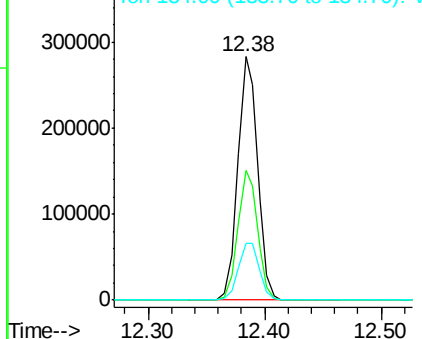
Lab File: VX009467.D

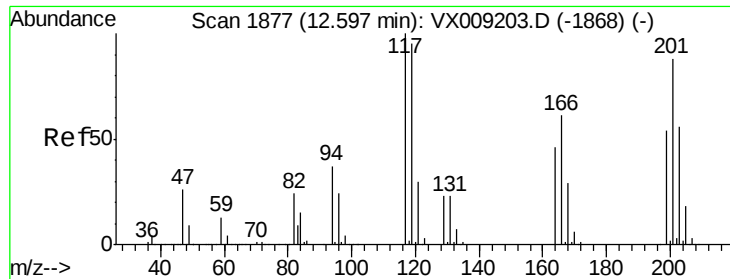
Acq: 10 May 2019 07:19

Tgt Ion:	91	Resp:	334371
Ion Ratio		Lower	Upper
91	100		
92	53.2	26.5	79.5
134	24.7	12.4	37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V





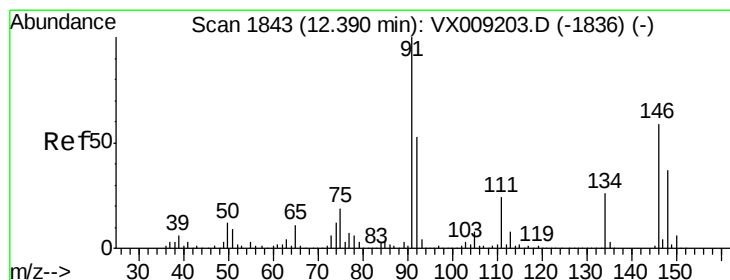
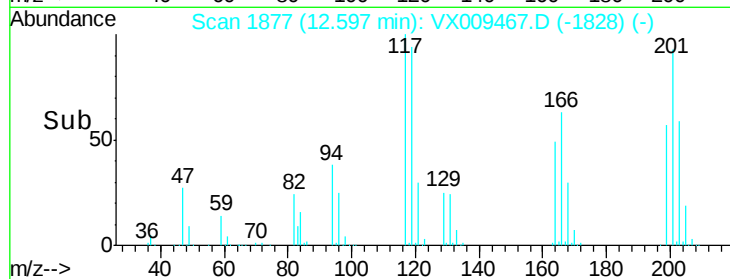
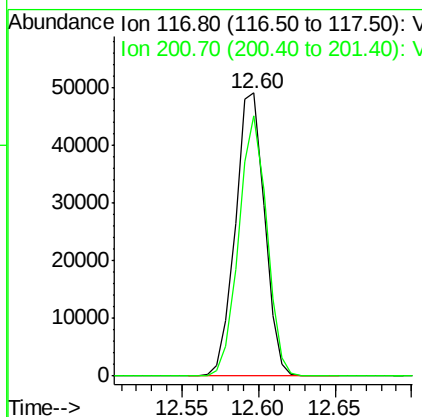
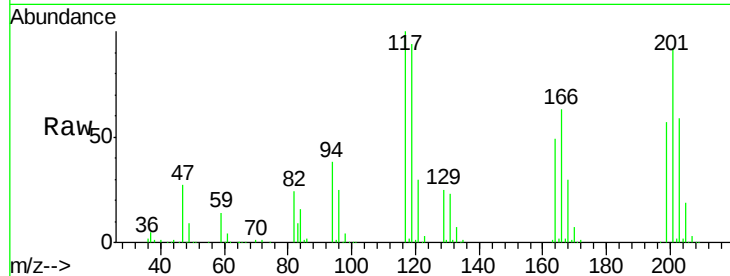
#90
Hexachloroethane
Concen: 51.991 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX009467.D
Acq: 10 May 2019 07:19

Instrument :
MSVOA_X
ClientSampleId :
SS052MW592-190507MS

Tot Ion:117 Resp: 65042
Ion Ratio Lower Upper
117 100
201 87.9 42.3 126.9

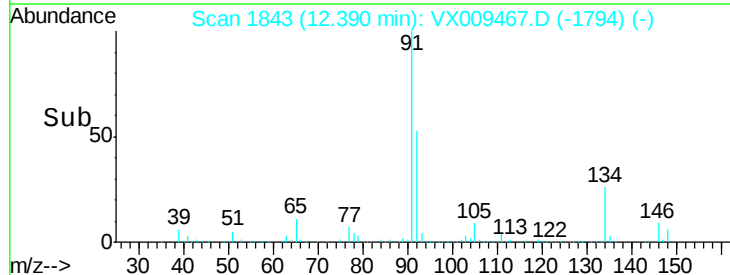
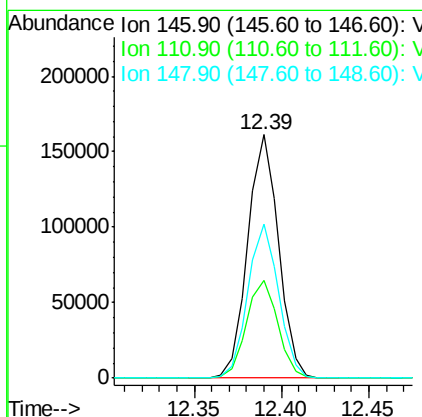
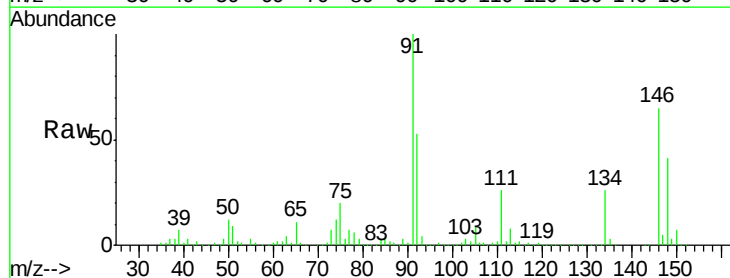
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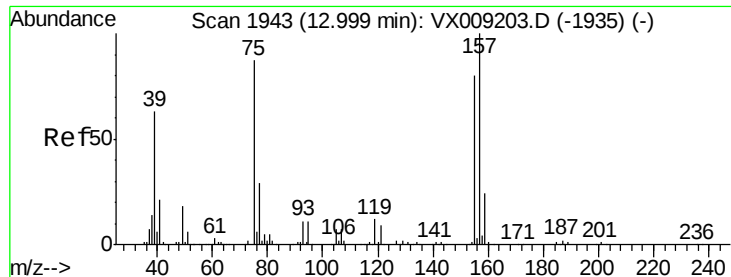
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#91
1,2-Dichlorobenzene
Concen: 52.075 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX009467.D
Acq: 10 May 2019 07:19

Tgt Ion:146 Resp: 197401
Ion Ratio Lower Upper
146 100
111 41.0 20.8 62.4
148 63.3 31.9 95.9





#92

1,2-Dibromo-3-Chloropropane

Concen: 51.343 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX009467.D

Acq: 10 May 2019 07:19

Instrument :

MSVOA_X

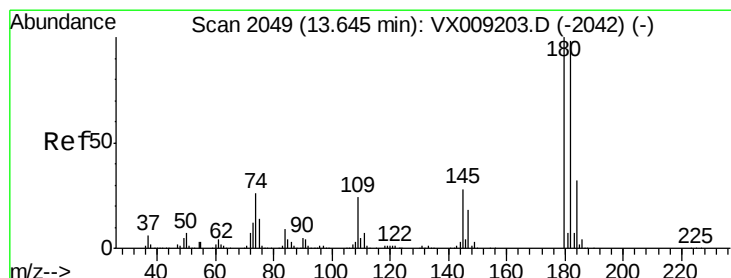
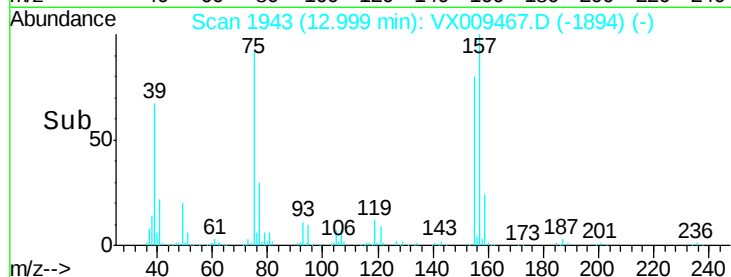
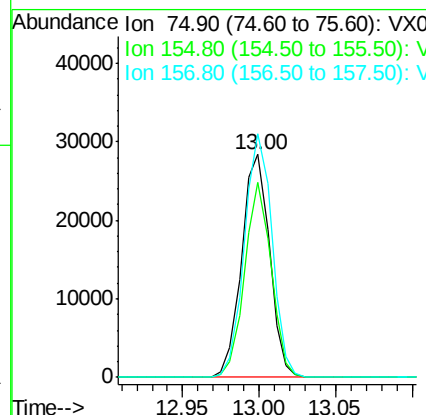
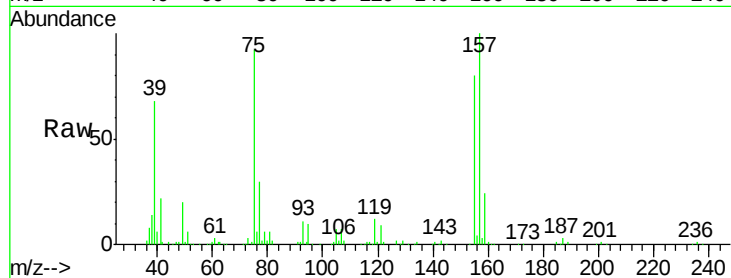
ClientSampleId :

SS052MW592-190507MS

Tot Ion:	75	Resp:	36115
Ion Ratio	Lower	Upper	
75	100		
155	82.6	42.0	126.0
157	107.8	53.2	159.6

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#93

1,2,4-Trichlorobenzene

Concen: 51.723 ug/l

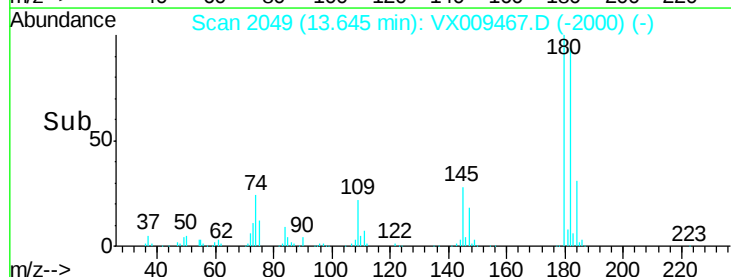
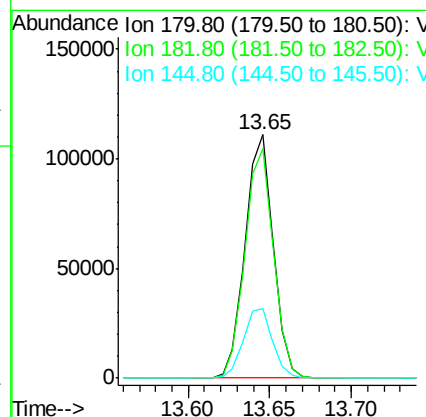
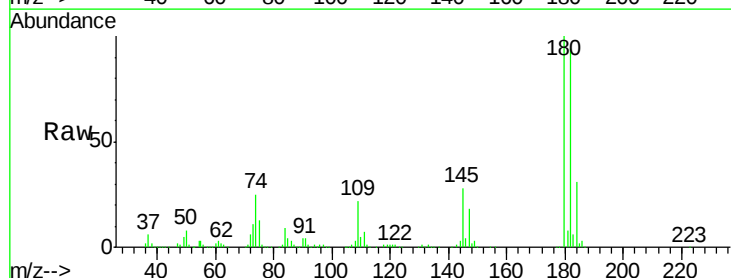
RT: 13.65 min Scan# 2049

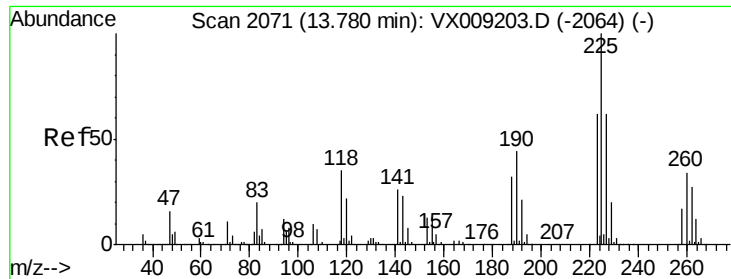
Delta R.T. 0.00 min

Lab File: VX009467.D

Acq: 10 May 2019 07:19

Tgt Ion:	180	Resp:	134079
Ion Ratio	Lower	Upper	
180	100		
182	95.6	48.4	145.2
145	29.5	14.6	43.8





#94

Hexachlorobutadiene

Concen: 50.006 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. 0.00 min

Lab File: VX009467.D

Acq: 10 May 2019 07:19

Instrument :

MSVOA_X

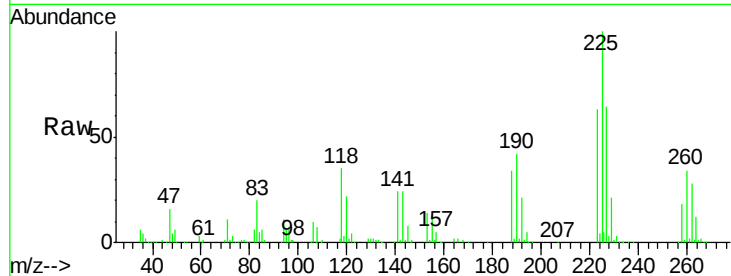
ClientSampleId :

SS052MW592-190507MS

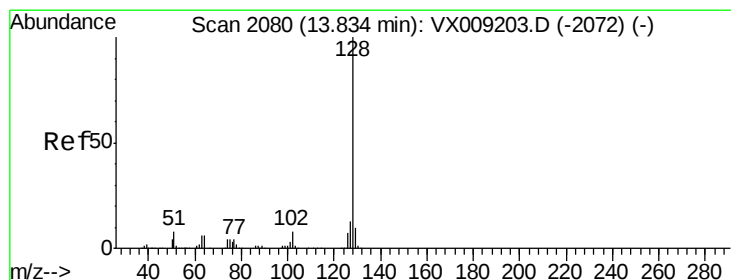
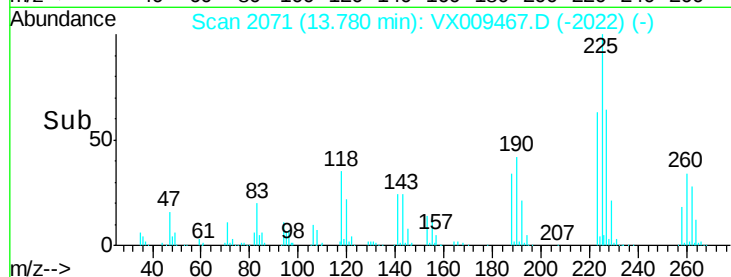
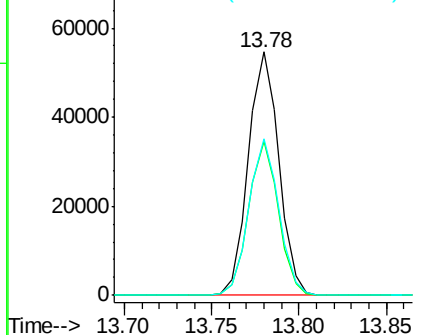
Tot Ion:	225	Resp:	66195
Ion Ratio		Lower	Upper
225	100		
223	61.8	31.3	93.8
227	63.2	31.8	95.3

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Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 52.271 ug/l

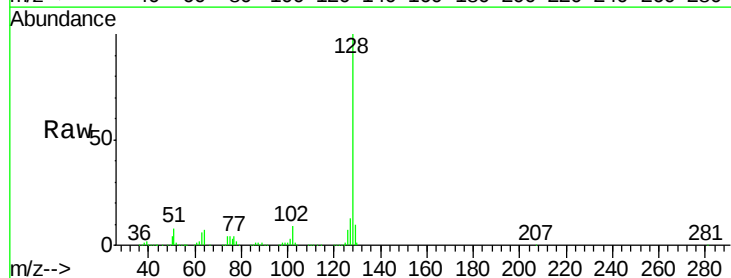
RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

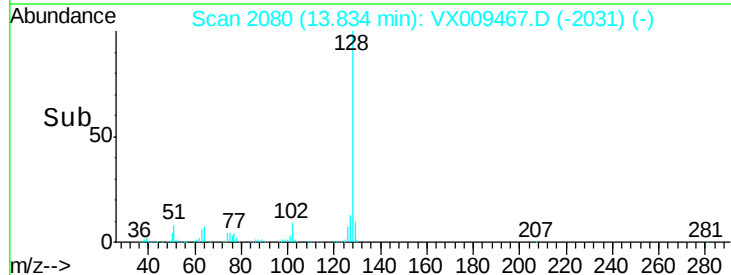
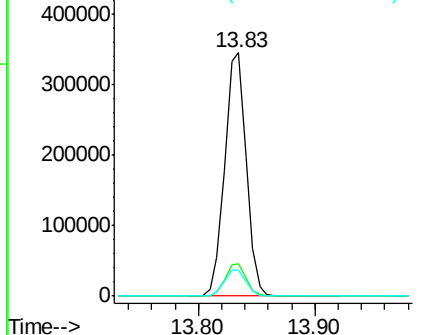
Lab File: VX009467.D

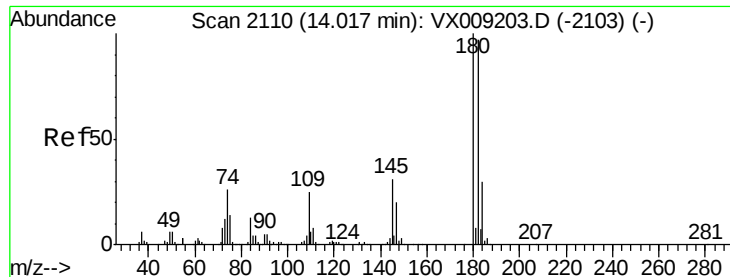
Acq: 10 May 2019 07:19

Tgt Ion:	128	Resp:	440835
Ion Ratio		Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.9	8.6	13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 51.789 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: VX009467.D
 Acq: 10 May 2019 07:19

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW592-190507MS

Tot Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.9	47.8	143.4
145	31.2	15.4	46.4

Manual Integrations
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