

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX051619\
 Data File : VX009645.D
 Acq On : 17 May 2019 06:47
 Operator : JC/SP
 Sample : K2887-03MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW100-190514MS

Manual Integrations
 APPROVED

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 5/17/2019 1:21:04 PM

Quant Time: May 17 08:10:08 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	146811	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	245058	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	224708	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	111611	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	107500	53.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.28%	
35) Dibromofluoromethane	5.50	113	79413	51.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.10%	
50) Toluene-d8	8.71	98	305623	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
62) 4-Bromofluorobenzene	11.13	95	115000	50.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	55823	41.262	ug/l	99
3) Chloromethane	1.32	50	91806	49.704	ug/l	99
4) Vinyl Chloride	1.41	62	88812	49.310	ug/l	99
5) Bromomethane	1.64	94	52406	48.477	ug/l	98
6) Chloroethane	1.72	64	58328	50.441	ug/l	99
7) Trichlorofluoromethane	1.93	101	109073	49.820	ug/l	100
8) Diethyl Ether	2.19	74	55433	53.453	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	63167	45.945	ug/l	99
10) Methyl Iodide	2.51	142	88373	54.834	ug/l	99
11) Tert butyl alcohol	3.05	59	119065	256.655	ug/l	100
12) 1,1-Dichloroethene	2.37	96	70398	51.105	ug/l	98
13) Acrolein	2.29	56	88735	211.207	ug/l	98
14) Allyl chloride	2.73	41	164044	48.866	ug/l	99
15) Acrylonitrile	3.14	53	306390	270.115	ug/l	99
16) Acetone	2.45	43	264926	246.180	ug/l	99
17) Carbon Disulfide	2.57	76	182338	47.147	ug/l	99
18) Methyl Acetate	2.78	43	120550	47.103	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	288899	54.008	ug/l	100
20) Methylene Chloride	2.85	84	89198	51.192	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	75551	50.573	ug/l	97
22) Diisopropyl ether	3.85	45	353951	54.826	ug/l	97
23) Vinyl Acetate	3.82	43	1355993	245.284	ug/l	99
24) 1,1-Dichloroethane	3.70	63	167856	52.706	ug/l	99
25) 2-Butanone	4.67	43	447712	267.722	ug/l	97
26) 2,2-Dichloropropane	4.59	77	68472	28.884	ug/l	93
27) cis-1,2-Dichloroethene	4.60	96	109272	61.280	ug/l	95
28) Bromochloromethane	5.02	49	64103	50.001	ug/l	98
29) Tetrahydrofuran	5.13	42	299115	277.957	ug/l	98
30) Chloroform	5.21	83	155609	54.023	ug/l	98
31) Cyclohexane	5.58	56	139450	47.064	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	124402	51.881	ug/l	99
36) 1,1-Dichloropropene	5.80	75	109195	47.948	ug/l	99
37) Ethyl Acetate	4.83	43	152319	48.004	ug/l	99
38) Carbon Tetrachloride	5.79	117	99944	48.303	ug/l	98

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Manual Integrations
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 5/17/2019 1:21:04 PM

Quant Time: May 17 08:10:08 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)
39) Methylcyclohexane	7.46	83	119260	42.641	ug/l	99
40) Benzene	6.14	78	355853	50.490	ug/l	98
41) Methacrylonitrile	5.04	41	97684	51.717	ug/l	99
42) 1,2-Dichloroethane	6.19	62	132943	52.583	ug/l	99
43) Isopropyl Acetate	6.45	43	252486	49.747	ug/l	99
44) Trichloroethene	7.21	130	83899	49.240	ug/l	99
45) 1,2-Dichloropropane	7.51	63	103311	51.766	ug/l	98
46) Dibromomethane	7.66	93	59154	51.042	ug/l	99
47) Bromodichloromethane	7.90	83	121595	52.598	ug/l	98
48) Methyl methacrylate	7.77	41	137031	54.420	ug/l	99
49) 1,4-Dioxane	7.74	88	48037	940.691	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	905246	272.877	ug/l	99
52) Toluene	8.79	92	216335	50.495	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	127189	48.731	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	138727	48.021	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	91960	52.612	ug/l	96
56) Ethyl methacrylate	9.18	69	165292	52.977	ug/l	97
57) 1,3-Dichloropropane	9.37	76	160349	52.132	ug/l	99
59) 2-Hexanone	9.49	43	702046	269.453	ug/l	98
60) Dibromochloromethane	9.58	129	90478	53.000	ug/l	98
61) 1,2-Dibromoethane	9.67	107	92713	52.548	ug/l	99
64) Tetrachloroethene	9.34	164	71450	46.354	ug/l	98
65) Chlorobenzene	10.13	112	225697	50.209	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	83891	51.477	ug/l	100
67) Ethyl Benzene	10.25	91	410553	49.627	ug/l	99
68) m/p-Xylenes	10.36	106	301986	99.891	ug/l	99
69) o-Xylene	10.69	106	150217	50.361	ug/l	100
70) Stvrene	10.71	104	265868	51.283	ug/l	99
71) Bromoform	10.85	173	68940	52.055	ug/l #	100
73) Isopropylbenzene	11.02	105	391558	48.244	ug/l	100
74) N-amyl acetate	10.90	43	221863	46.887	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	156450	51.709	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	132309m	51.105	ug/l	
77) Bromobenzene	11.26	156	99853	49.568	ug/l	99
78) n-propylbenzene	11.36	91	447094	48.235	ug/l	100
79) 2-Chlorotoluene	11.42	91	274887	48.069	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	333321	48.775	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	42529	42.031	ug/l	97
82) 4-Chlorotoluene	11.51	91	313344	48.503	ug/l	100
83) tert-Butylbenzene	11.77	119	322521	48.514	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	337593	49.216	ug/l	100
85) sec-Butylbenzene	11.94	105	371194	47.096	ug/l	100
86) p-Isopropyltoluene	12.06	119	336725	47.523	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	177790	49.507	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	177336	48.980	ug/l	99
89) n-Butylbenzene	12.38	91	297663	46.479	ug/l	99
90) Hexachloroethane	12.60	117	59064	48.929	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	183755	50.237	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	35217	51.887	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	127276	50.884	ug/l	99

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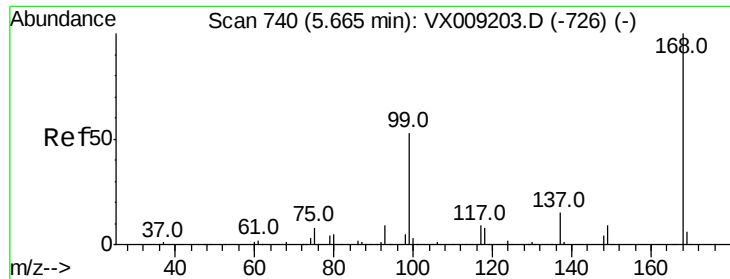
Manual Integrations
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5/17/2019 1:21:04 PM

Quant Time: May 17 08:10:08 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)
94) Hexachlorobutadiene	13.78	225	58408	45.727	ug/l	99
95) Naphthalene	13.83	128	422864	51.963	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	129639	51.130	ug/l	99

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



#1

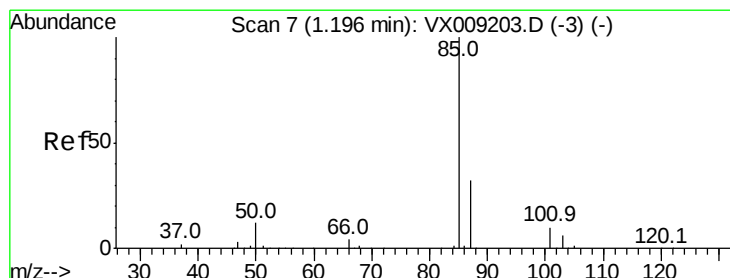
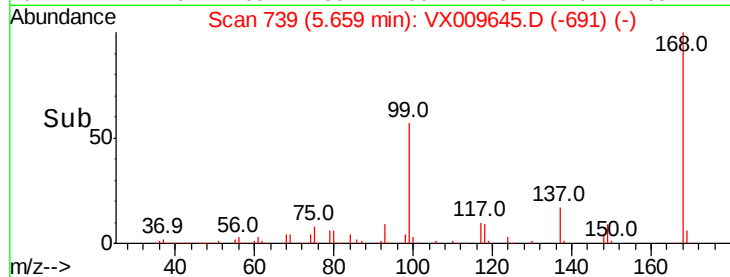
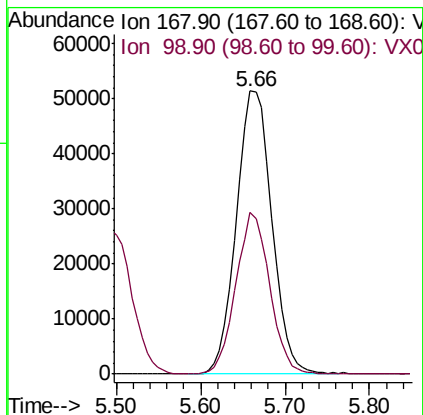
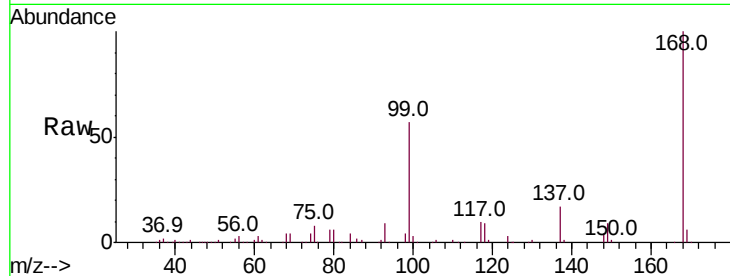
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: VX009645.D
 Acq: 17 May 2019 06:47

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW100-190514MS

Tot Ion	Ratio	Lower	Upper
168	100		
99	56.8	42.3	63.5

Manual Integrations
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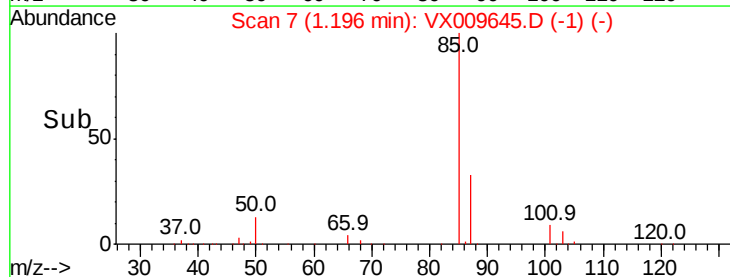
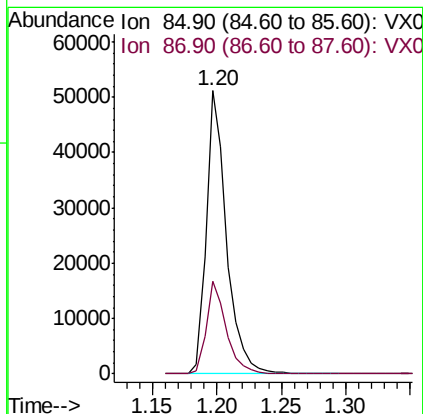
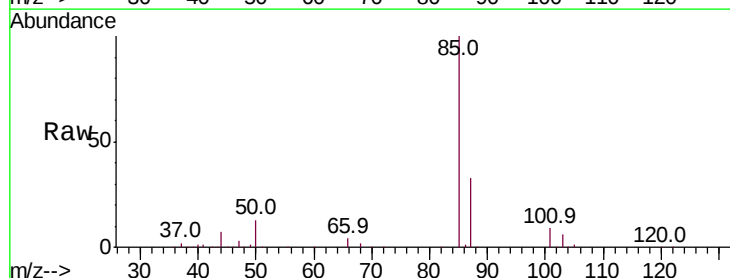
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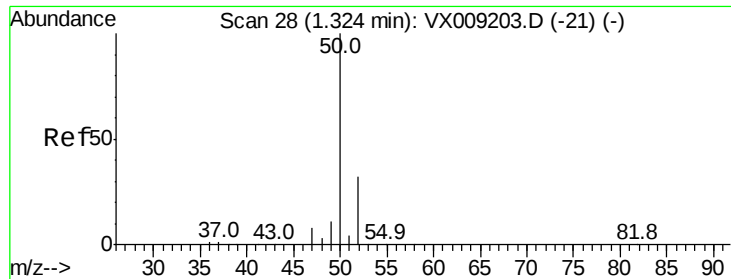


#2

Dichlorodifluoromethane
 Concen: 41.262 ug/l
 RT: 1.20 min Scan# 7
 Delta R.T. -0.00 min
 Lab File: VX009645.D
 Acq: 17 May 2019 06:47

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.9	16.1	48.3





#3

Chloromethane

Concen: 49.704 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009645.D

Acq: 17 May 2019 06:47

Instrument :

MSVOA_X

ClientSampleId :

SS052MW100-190514MS

Tot Ion: 50 Resp: 91806

Ion Ratio Lower Upper

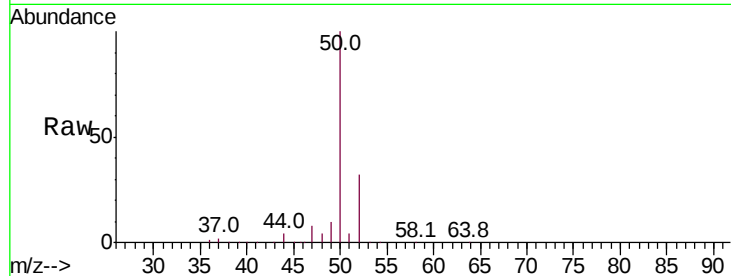
50 100

52 32.0 25.9 38.9

Manual Integrations
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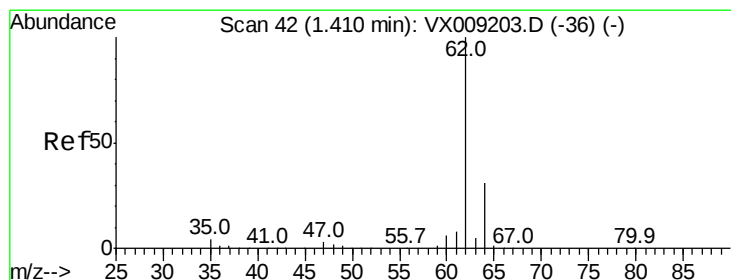
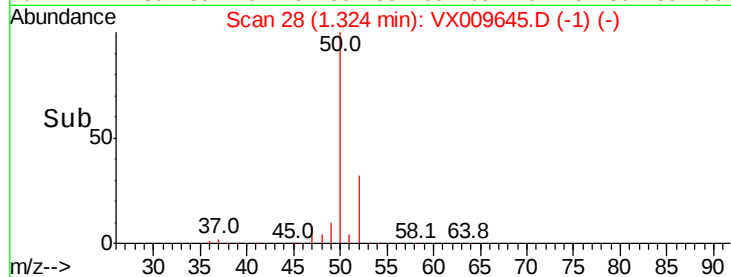
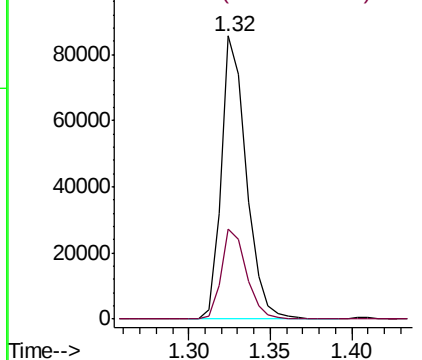
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 49.310 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009645.D

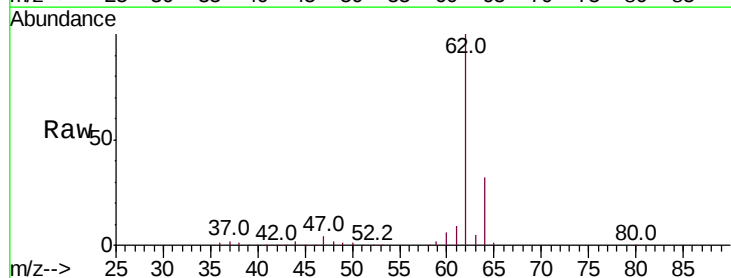
Acq: 17 May 2019 06:47

Tgt Ion: 62 Resp: 88812

Ion Ratio Lower Upper

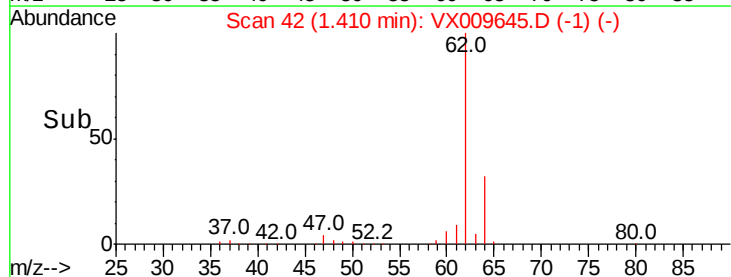
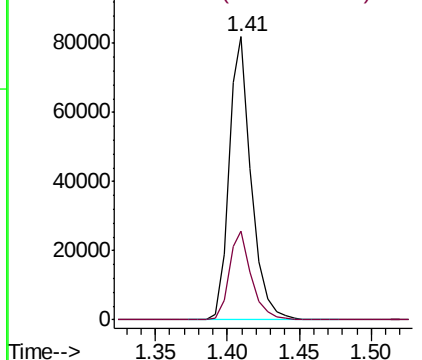
62 100

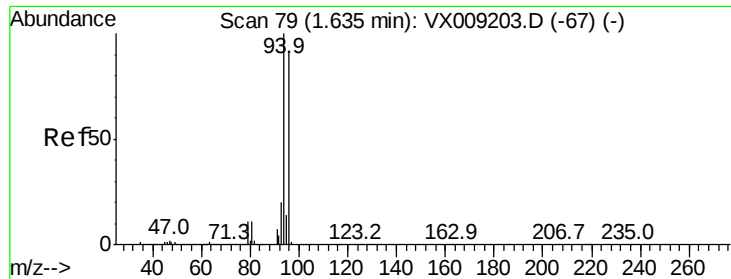
64 31.5 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 48.477 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX009645.D

Acq: 17 May 2019 06:47

Instrument :

MSVOA_X

ClientSampleId :

SS052MW100-190514MS

Tot Ion: 94 Resp: 52406

Ion Ratio Lower Upper

94 100

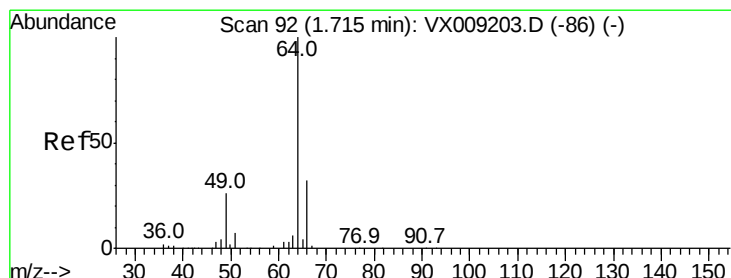
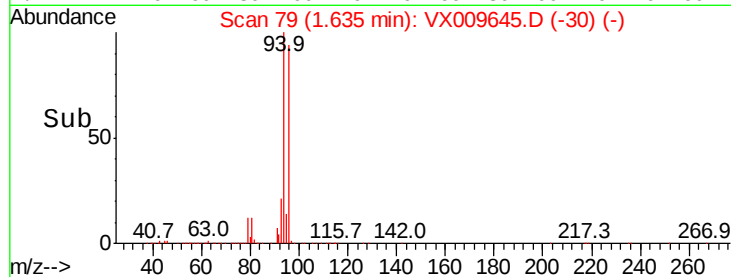
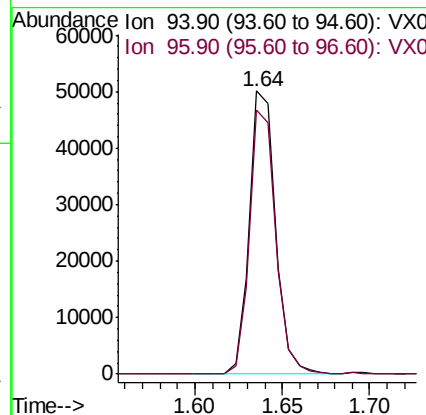
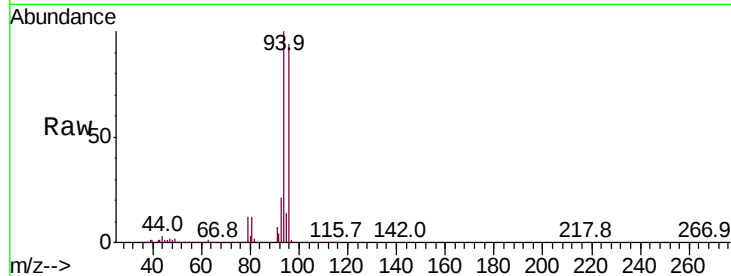
96 93.5 73.0 109.6

Manual Integrations

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#6

Chloroethane

Concen: 50.441 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX009645.D

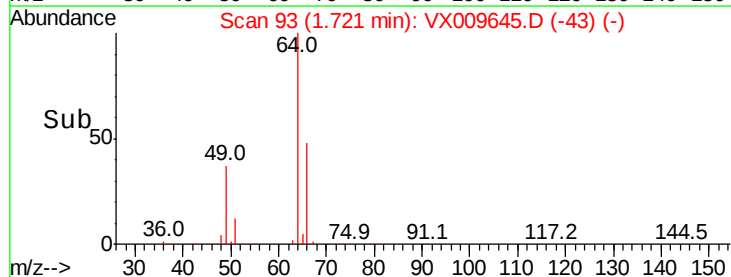
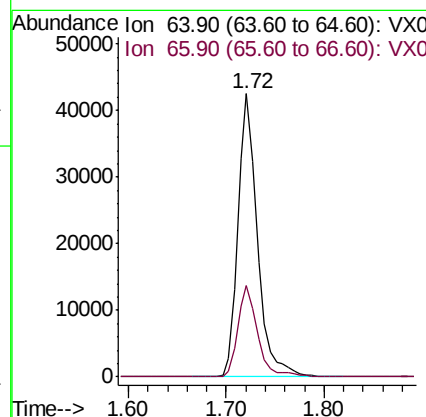
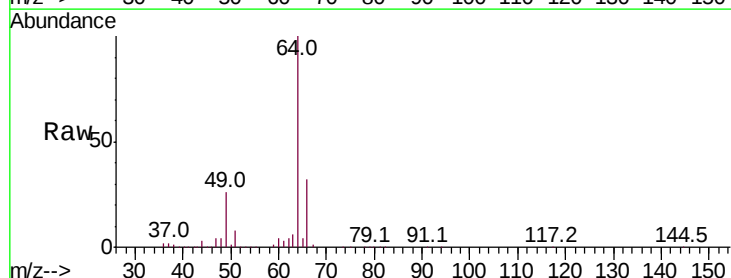
Acq: 17 May 2019 06:47

Tgt Ion: 64 Resp: 58328

Ion Ratio Lower Upper

64 100

66 32.2 25.3 37.9





#7

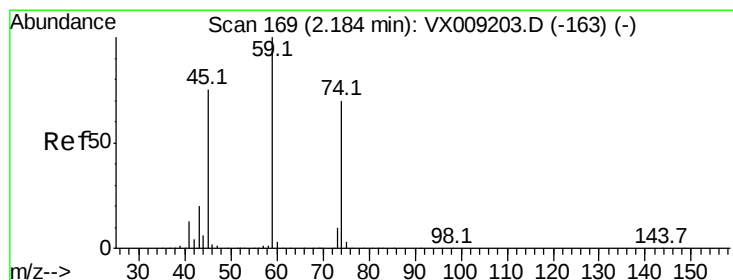
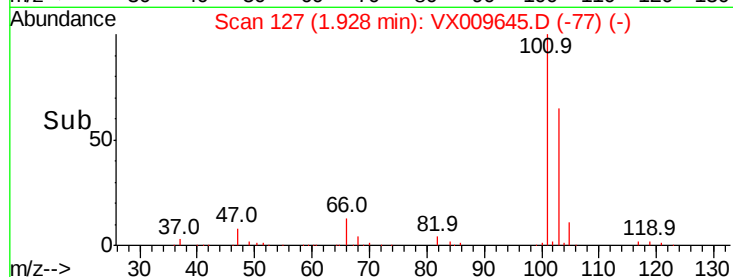
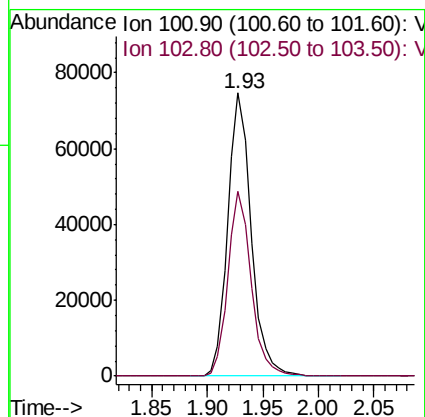
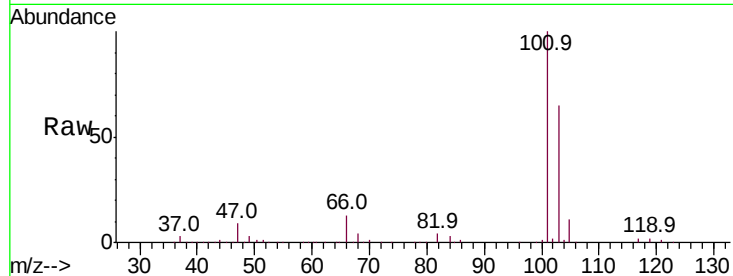
Trichlorofluoromethane
Concen: 49.820 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX009645.D
Acq: 17 May 2019 06:47

Instrument :
MSVOA_X
ClientSampleId :
SS052MW100-190514MS

Tot Ion:101 Resp: 109073
Ion Ratio Lower Upper
101 100
103 65.4 52.4 78.6

Manual Integrations
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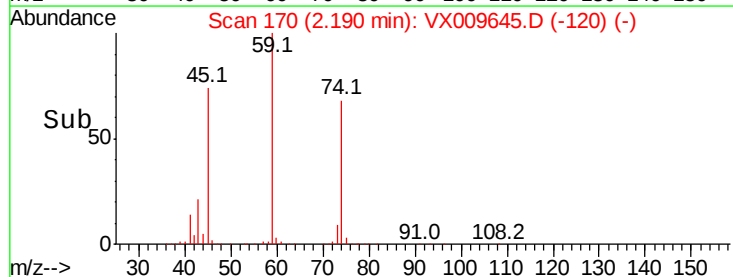
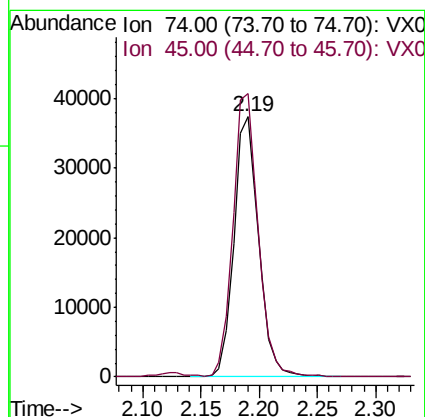
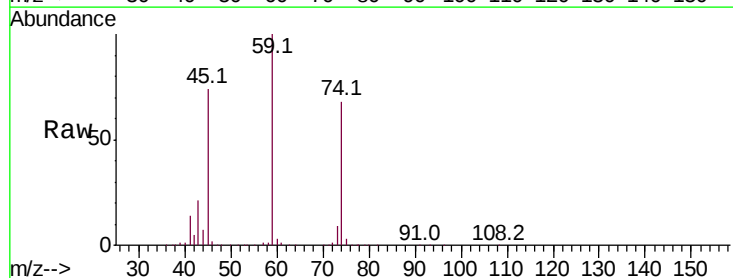
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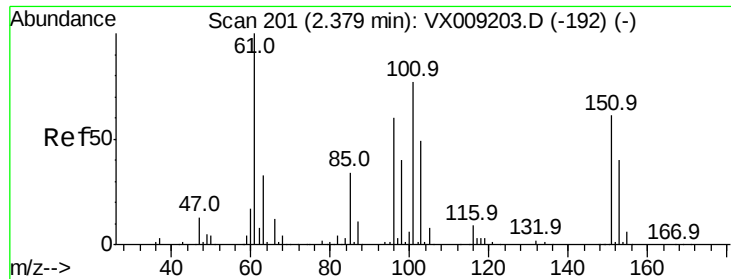


#8

Diethyl Ether
Concen: 53.453 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX009645.D
Acq: 17 May 2019 06:47

Tgt Ion: 74 Resp: 55433
Ion Ratio Lower Upper
74 100
45 110.0 53.3 159.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.945 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX009645.D

Acq: 17 May 2019 06:47

Instrument :

MSVOA_X

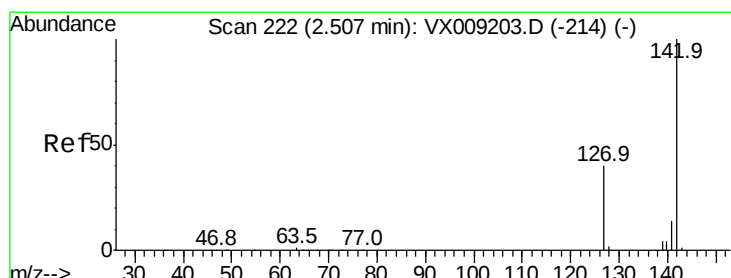
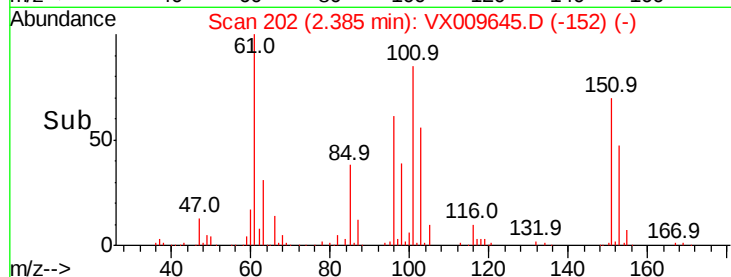
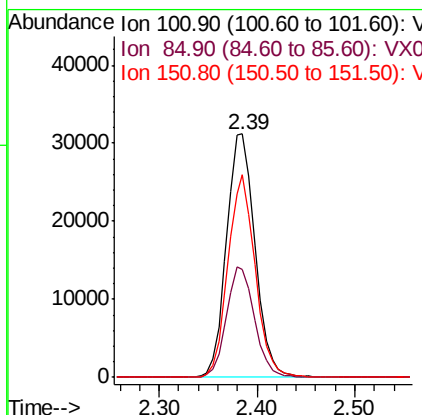
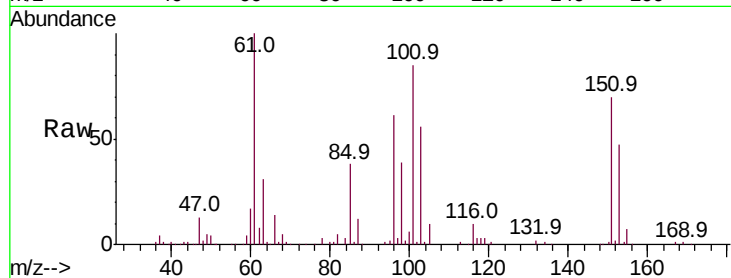
ClientSampleId :

SS052MW100-190514MS

Tot Ion:	101	Resp:	63167
Ion Ratio	Lower	Upper	
101	100		
85	44.9	35.7	53.5
151	79.3	62.2	93.2

Manual Integrations
APPROVED

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#10

Methyl Iodide

Concen: 54.834 ug/l

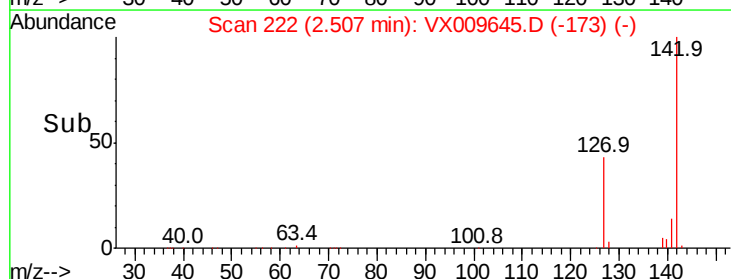
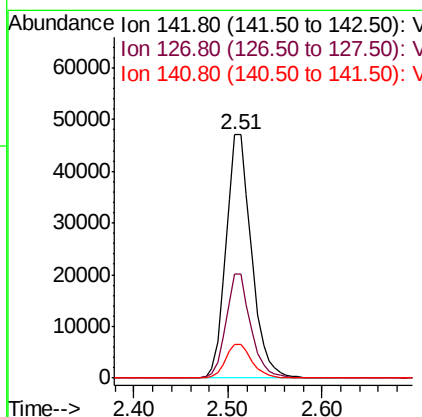
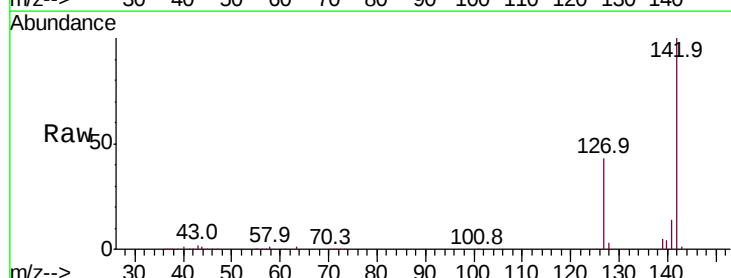
RT: 2.51 min Scan# 222

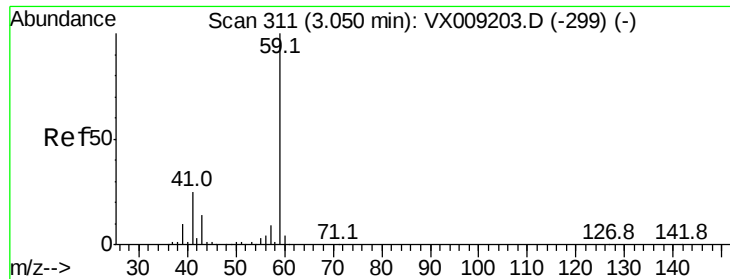
Delta R.T. 0.00 min

Lab File: VX009645.D

Acq: 17 May 2019 06:47

Tgt Ion:	142	Resp:	88373
Ion Ratio	Lower	Upper	
142	100		
127	41.7	32.7	49.1
141	14.2	11.5	17.3





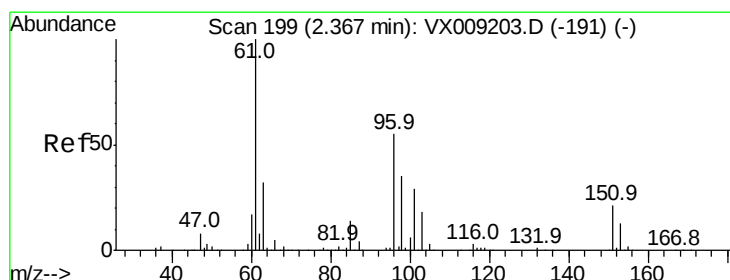
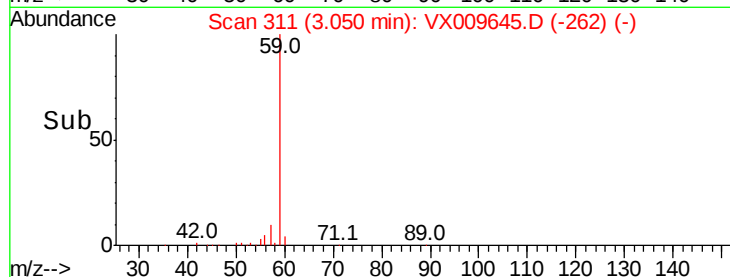
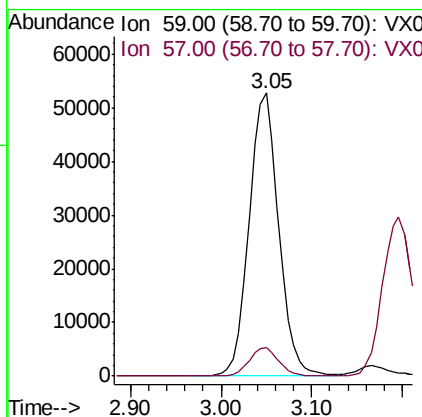
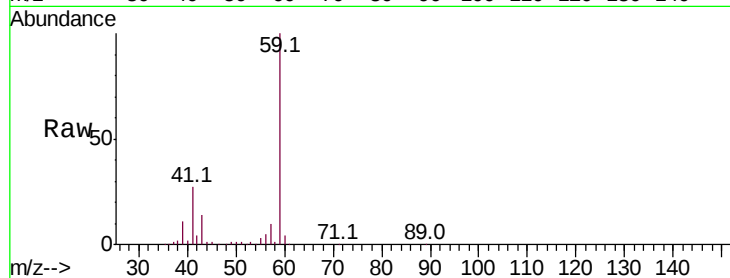
#11
Tert butyl alcohol
Concen: 256.655 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.00 min
Lab File: VX009645.D
Acq: 17 May 2019 06:47

Instrument :
MSVOA_X
ClientSampleId :
SS052MW100-190514MS

Tot Ion: 59 Resp: 119065
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.2

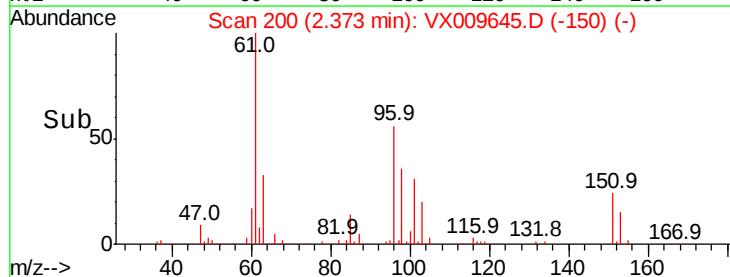
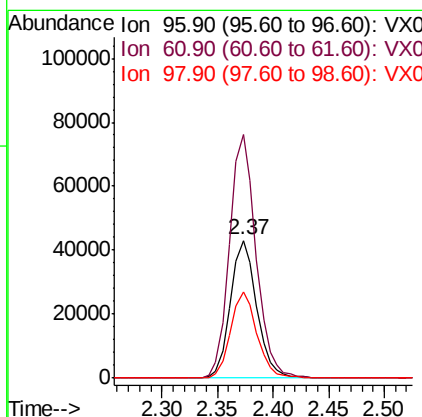
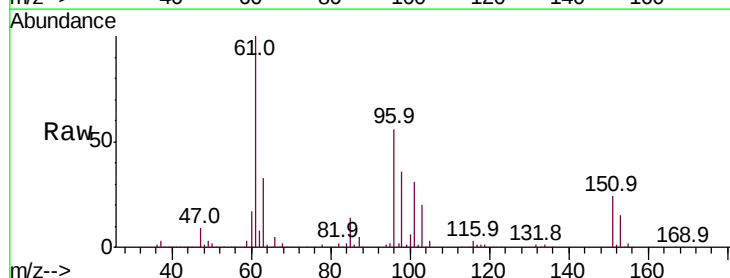
Manual Integrations
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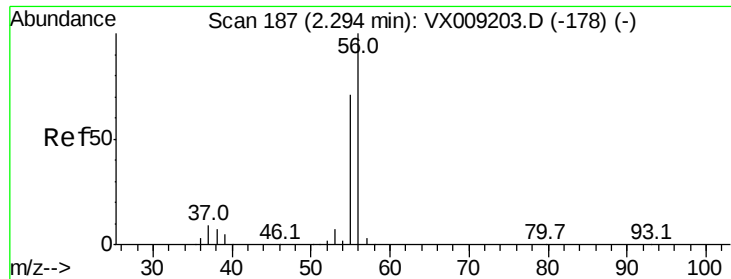
MMDadoda
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#12
1,1-Dichloroethene
Concen: 51.105 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX009645.D
Acq: 17 May 2019 06:47

Tgt Ion: 96 Resp: 70398
Ion Ratio Lower Upper
96 100
61 177.3 144.3 216.5
98 63.2 50.3 75.5





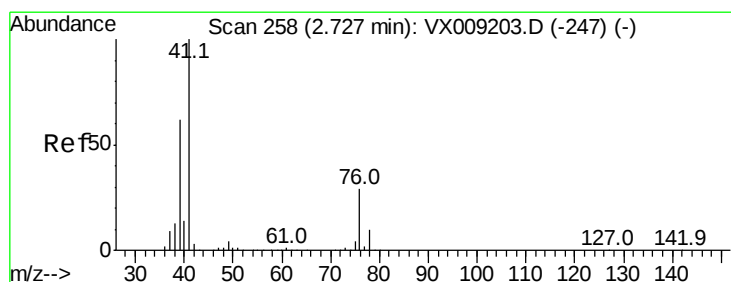
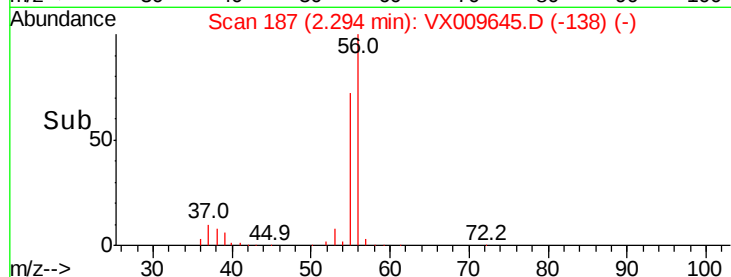
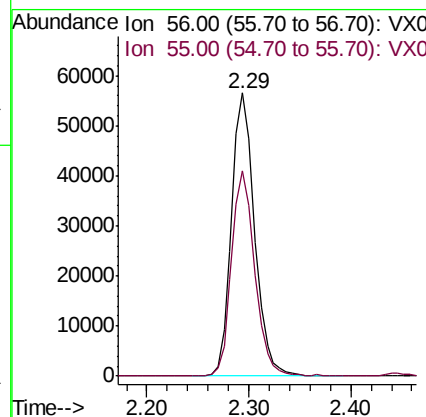
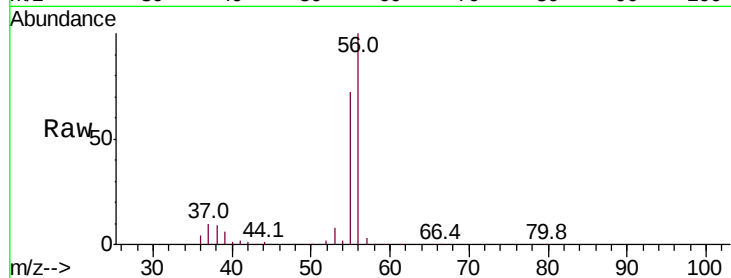
#13
Acrolein
Concen: 211.207 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX009645.D
Acq: 17 May 2019 06:47

Instrument :
MSVOA_X
ClientSampleId :
SS052MW100-190514MS

Tot Ion	Ratio	Lower	Upper
56	100		
55	72.5	56.6	85.0

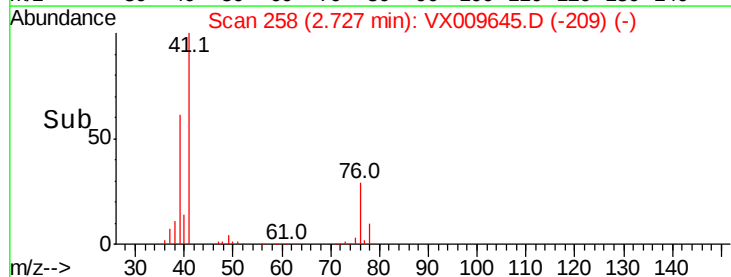
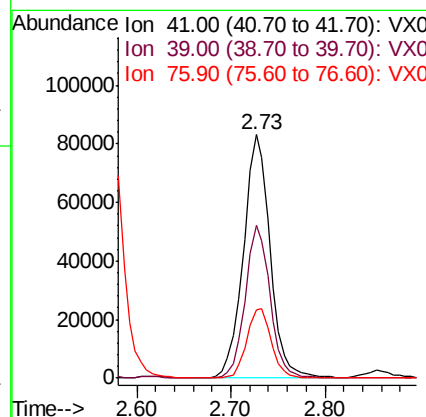
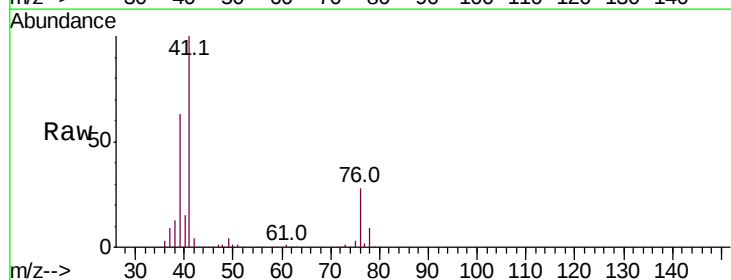
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#14
Allyl chloride
Concen: 48.866 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX009645.D
Acq: 17 May 2019 06:47

Tgt Ion	Ratio	Lower	Upper
41	100		
39	58.7	46.7	70.1
76	26.0	21.8	32.8





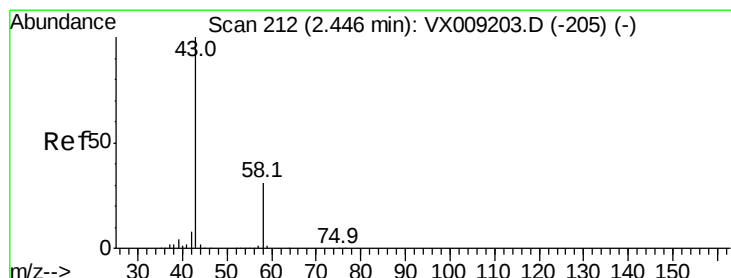
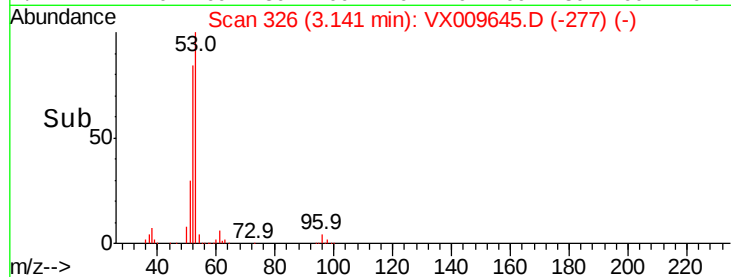
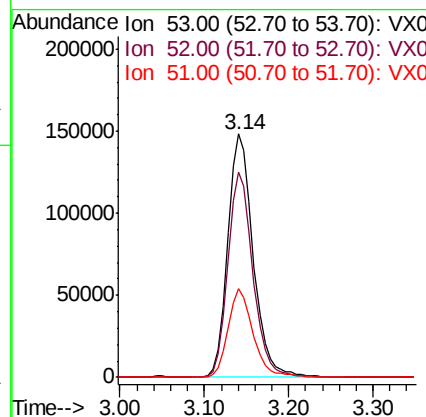
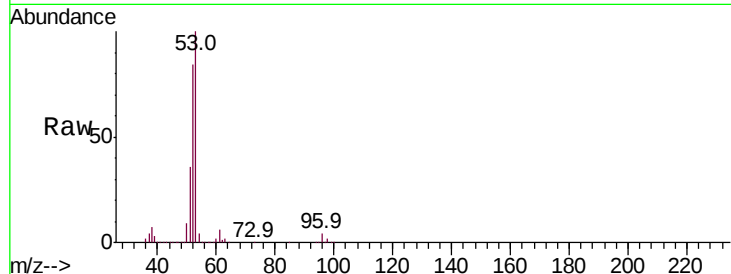
#15
 Acrylonitrile
 Concen: 270.115 ug/l
 RT: 3.14 min Scan# 326
 Delta R.T. -0.00 min
 Lab File: VX009645.D
 Acq: 17 May 2019 06:47

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW100-190514MS

Tot Ion	Ratio	Lower	Upper
53	100		
52	83.4	66.9	100.3
51	36.2	28.2	42.2

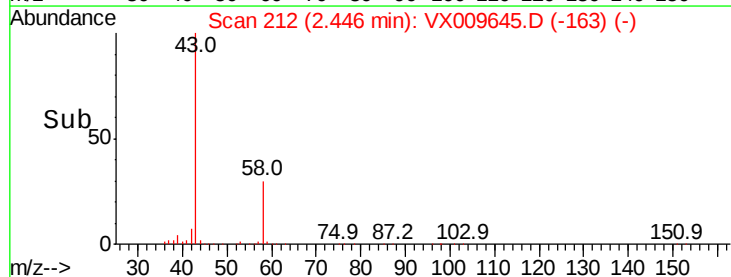
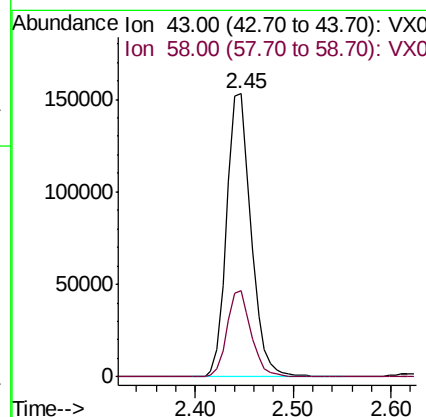
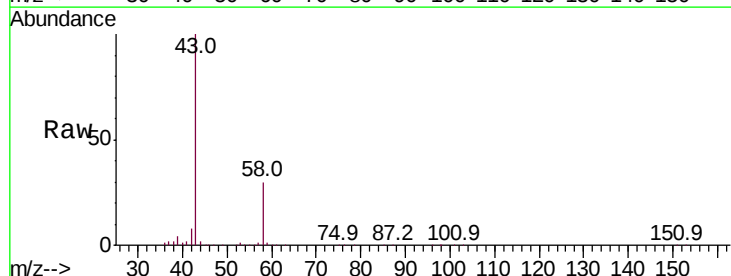
Manual Integrations
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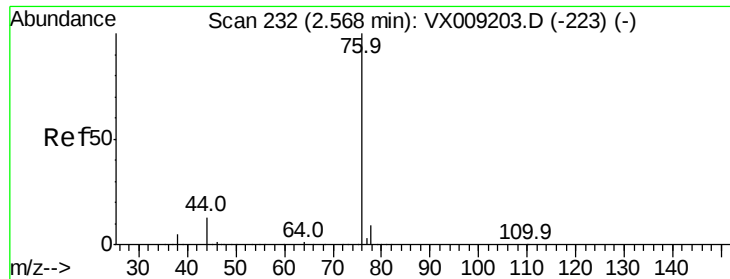
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#16
 Acetone
 Concen: 246.180 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX009645.D
 Acq: 17 May 2019 06:47

Tgt Ion	Ratio	Lower	Upper
43	100		
58	30.5	24.9	37.3





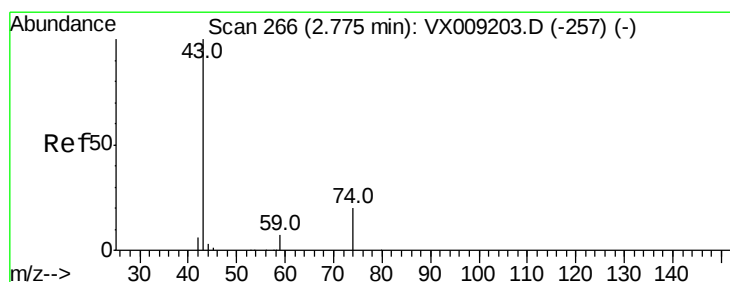
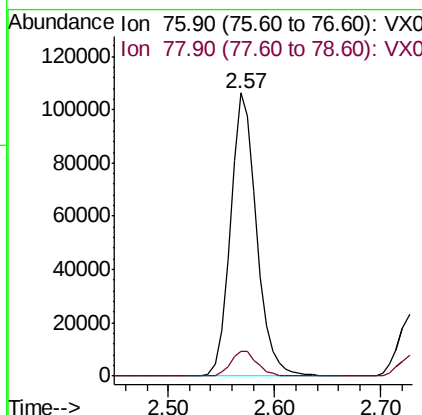
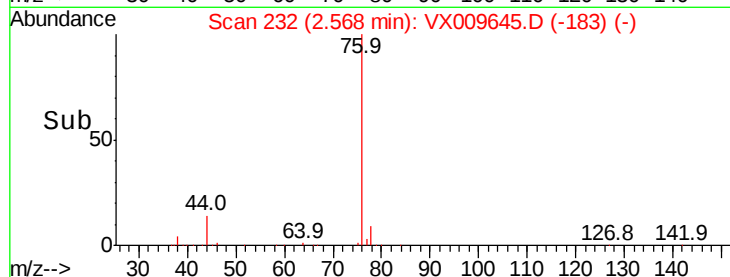
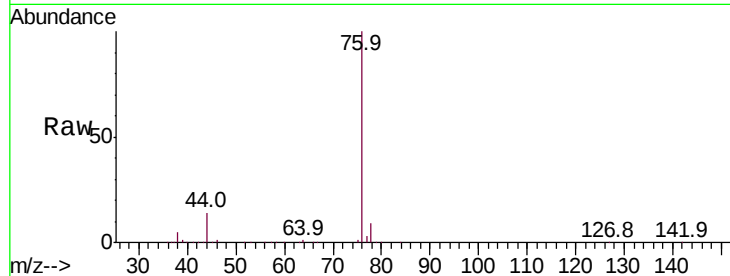
#17
Carbon Disulfide
Concen: 47.147 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX009645.D
Acq: 17 May 2019 06:47

Instrument :
MSVOA_X
ClientSampleId :
SS052MW100-190514MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.4	11.0

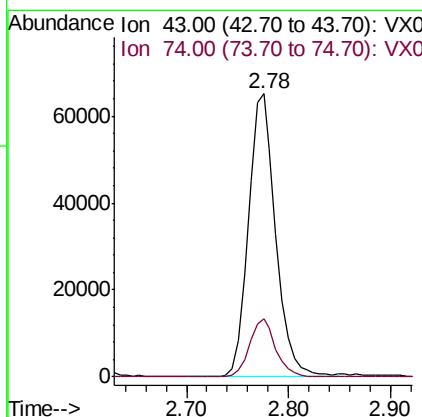
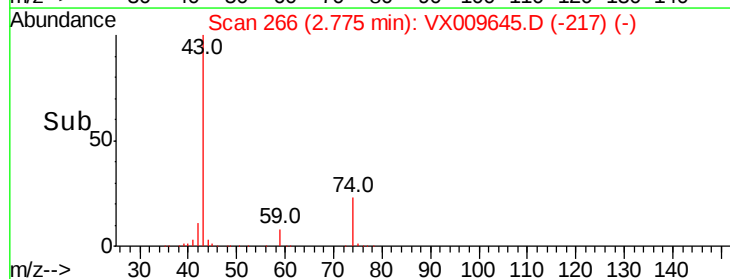
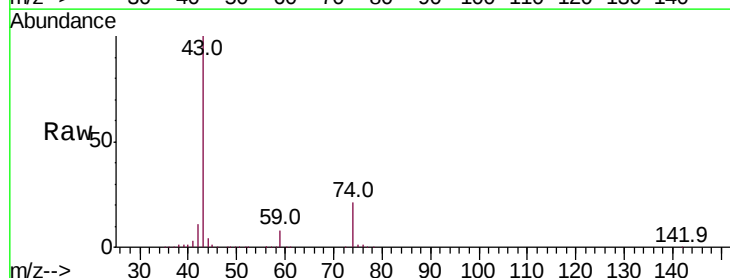
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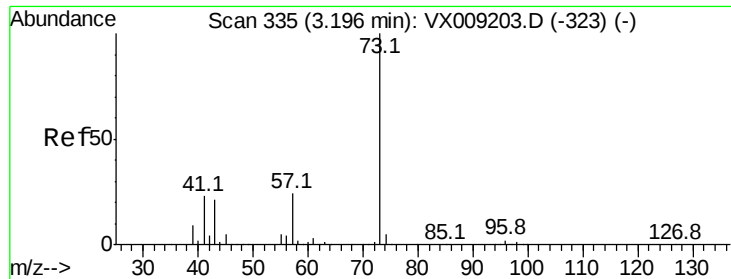
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#18
Methyl Acetate
Concen: 47.103 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX009645.D
Acq: 17 May 2019 06:47

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.3	16.2	24.4





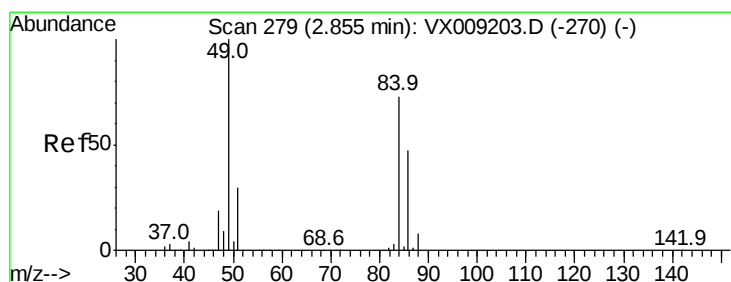
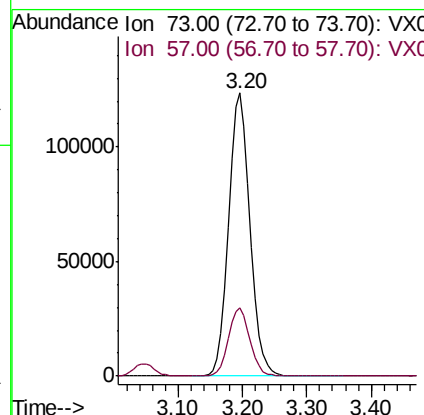
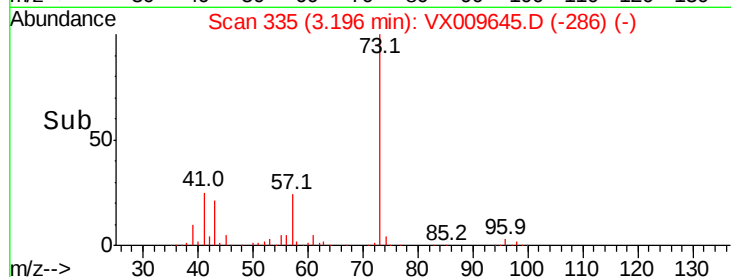
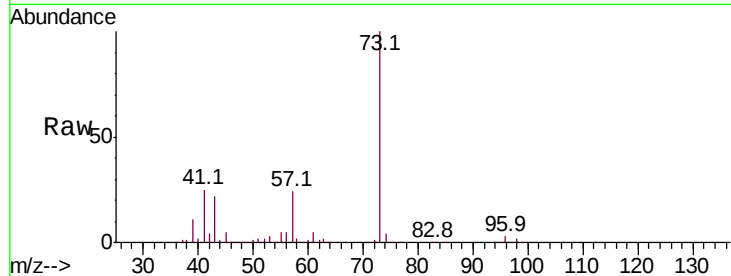
#19
Methvl tert-butvl Ether
Concen: 54.008 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX009645.D
Acq: 17 May 2019 06:47

Instrument :
MSVOA_X
ClientSampleId :
SS052MW100-190514MS

Tot Ion	Ratio	Lower	Upper
73	100		
57	24.1	19.3	28.9

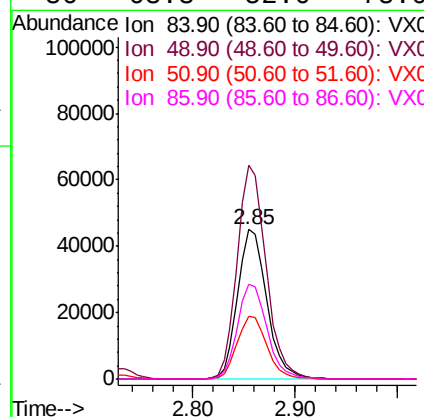
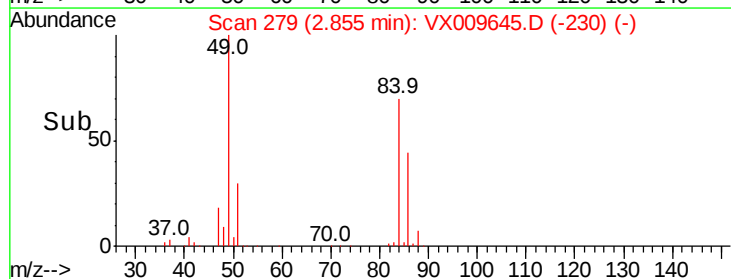
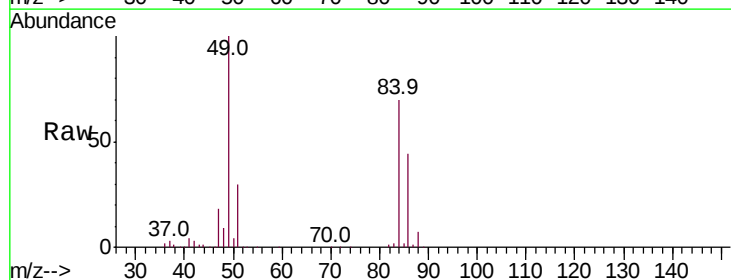
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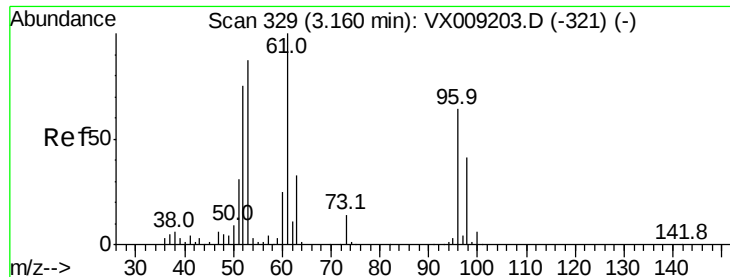
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#20
Methylene Chloride
Concen: 51.192 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX009645.D
Acq: 17 May 2019 06:47

Tgt Ion	Ratio	Lower	Upper
84	100		
49	142.8	109.9	164.9
51	42.3	32.7	49.1
86	63.3	52.0	78.0





#21

trans-1,2-Dichloroethene

Concen: 50.573 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX009645.D

Acq: 17 May 2019 06:47

Instrument :

MSVOA_X

ClientSampleId :

SS052MW100-190514MS

Tot Ion: 96 Resp: 75551

Ion Ratio Lower Upper

96 100

61 159.5 124.5 186.7

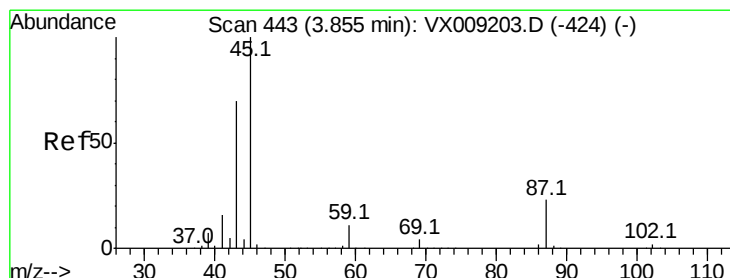
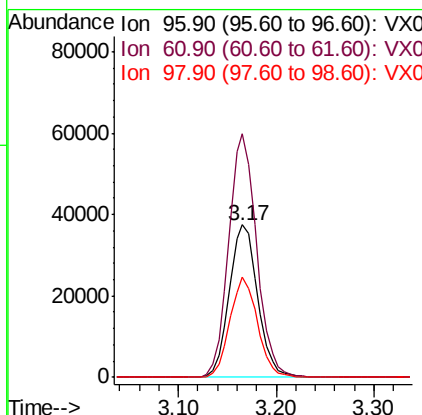
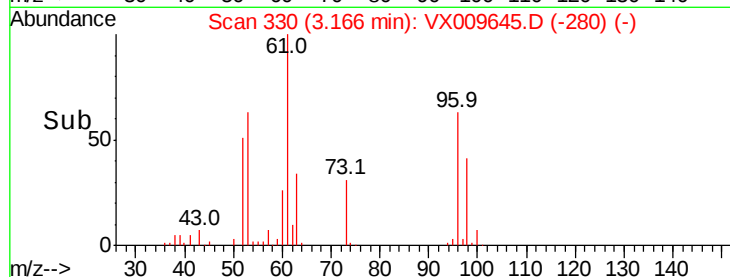
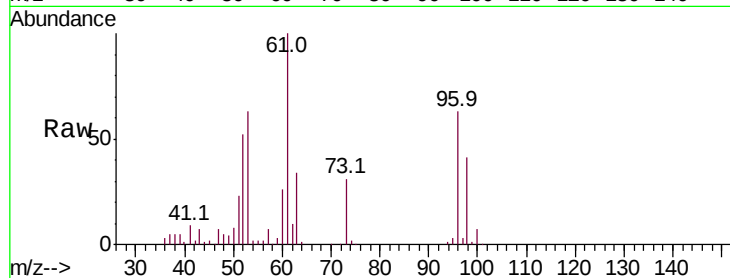
98 65.3 50.4 75.6

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#22

Diisopropyl ether

Concen: 54.826 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX009645.D

Acq: 17 May 2019 06:47

Tgt Ion: 45 Resp: 353951

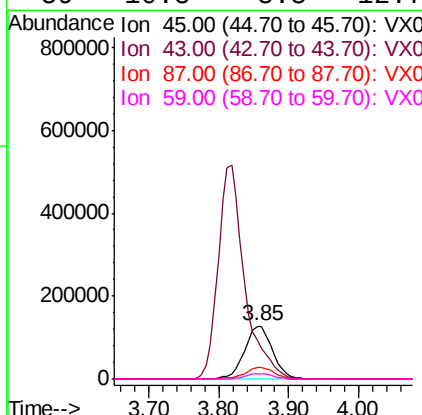
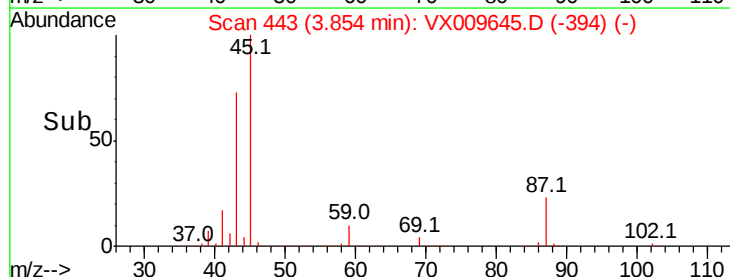
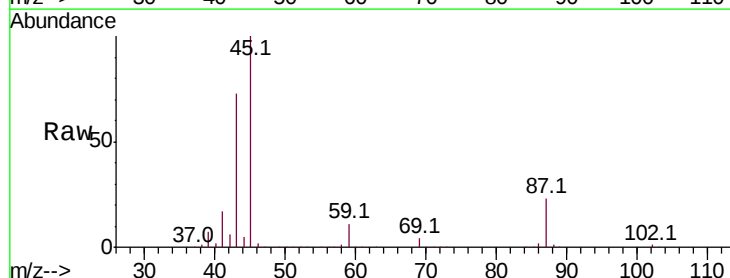
Ion Ratio Lower Upper

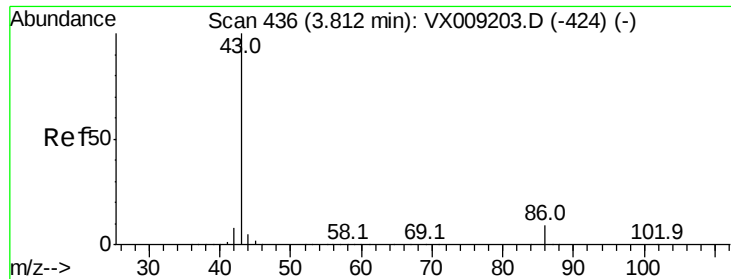
45 100

43 73.1 56.1 84.1

87 22.7 18.1 27.1

59 10.5 8.5 12.7





#23

Vinyl Acetate

Concen: 245.284 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.01 min

Lab File: VX009645.D

Acq: 17 May 2019 06:47

Instrument :

MSVOA_X

ClientSampleId :

SS052MW100-190514MS

Tot Ion: 43 Resp: 1355993

Ion Ratio Lower Upper

43 100

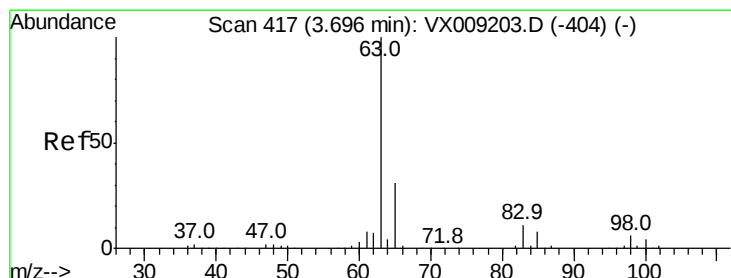
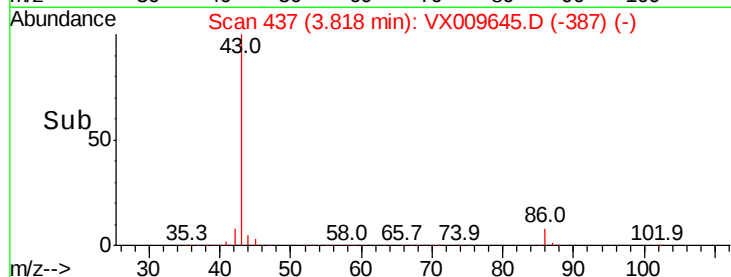
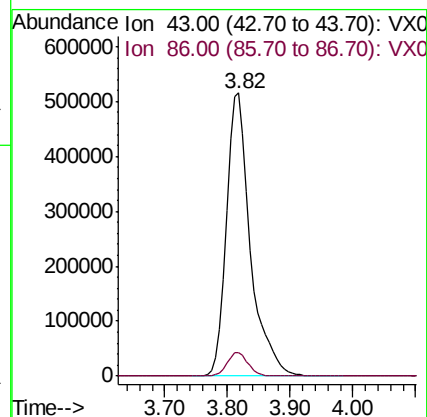
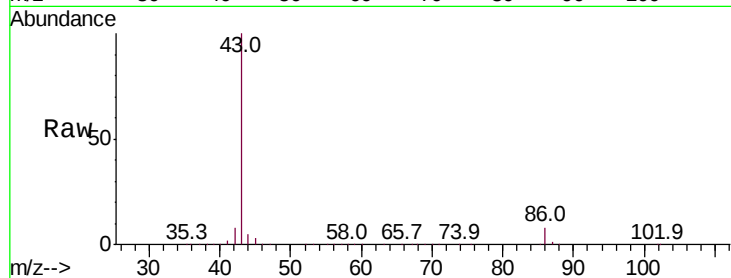
86 8.4 6.9 10.3

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 52.706 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009645.D

Acq: 17 May 2019 06:47

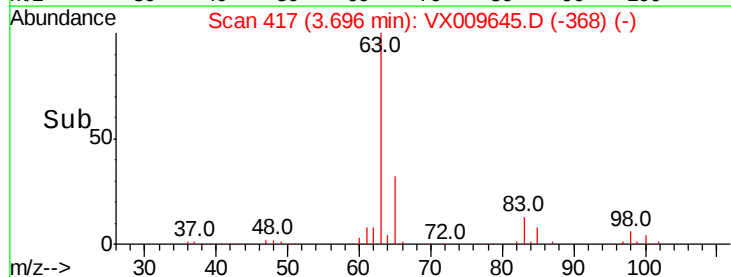
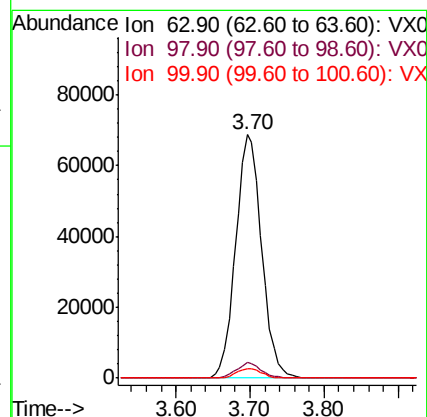
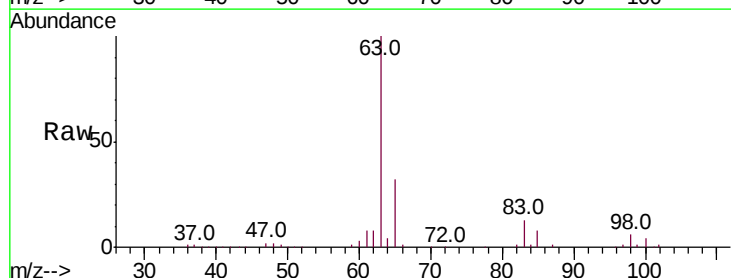
Tgt Ion: 63 Resp: 167856

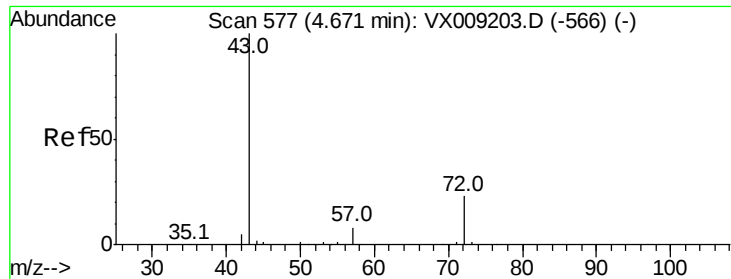
Ion Ratio Lower Upper

63 100

98 6.4 3.0 9.2

100 3.8 2.0 6.0





#25

2-Butanone

Concen: 267.722 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX009645.D

Acq: 17 May 2019 06:47

Instrument :

MSVOA_X

ClientSampleId :

SS052MW100-190514MS

Tot Ion: 43 Resp: 447712

Ion Ratio Lower Upper

43 100

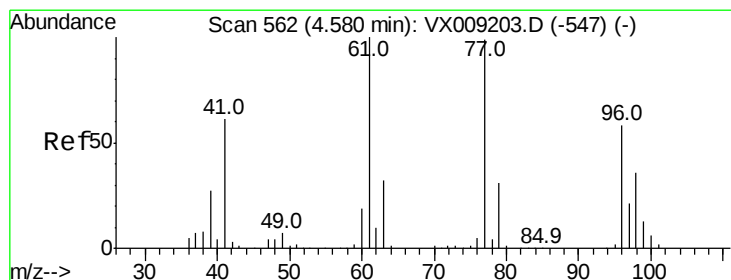
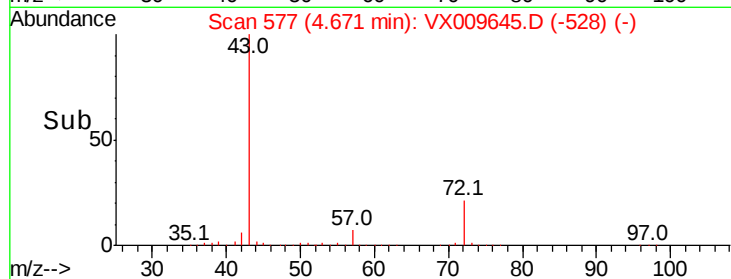
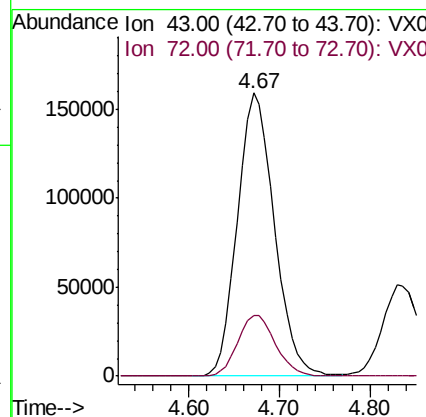
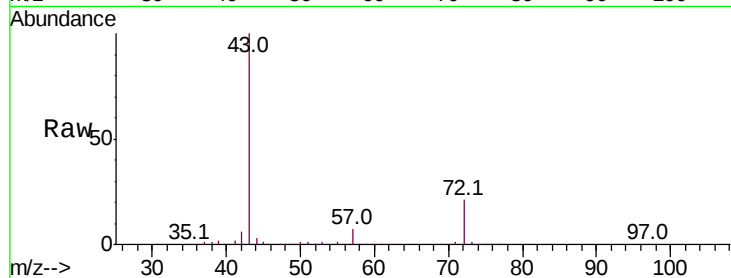
72 21.3 18.2 27.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 28.884 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX009645.D

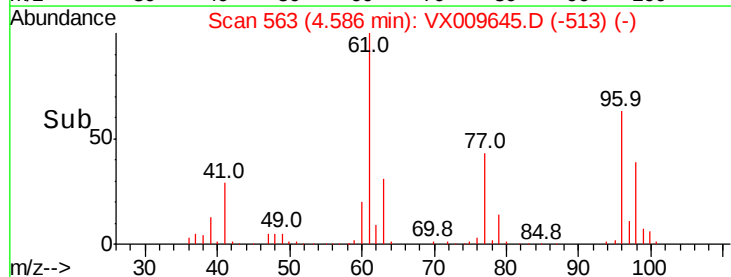
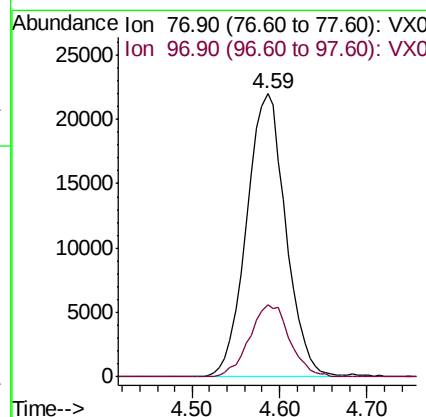
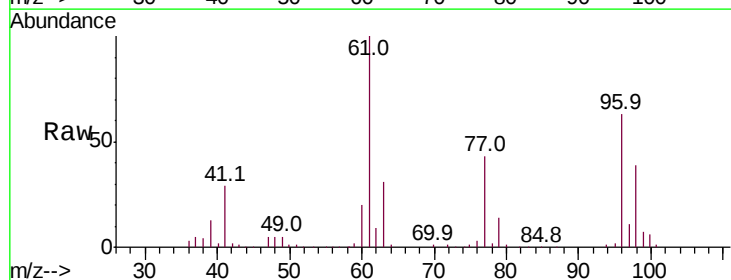
Acq: 17 May 2019 06:47

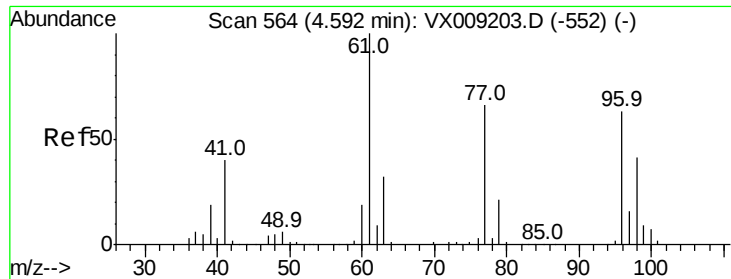
Tgt Ion: 77 Resp: 68472

Ion Ratio Lower Upper

77 100

97 26.4 11.5 34.4





#27

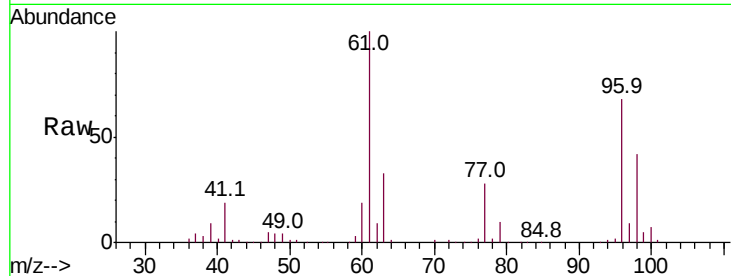
cis-1,2-Dichloroethene
Concen: 61.280 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX009645.D
Acq: 17 May 2019 06:47

Instrument :
MSVOA_X
ClientSampleId :
SS052MW100-190514MS

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	152.8	0.0	324.0	
98	64.5	0.0	130.4	

Manual Integrations
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5/17/2019 1:21:04 PM

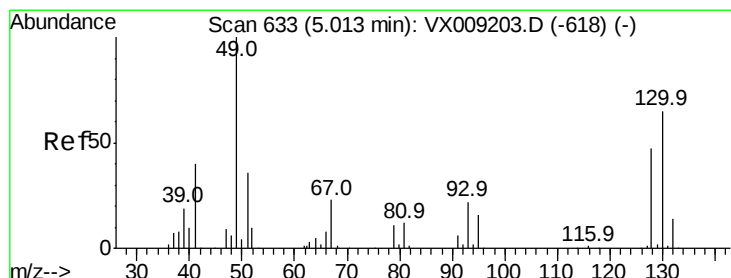
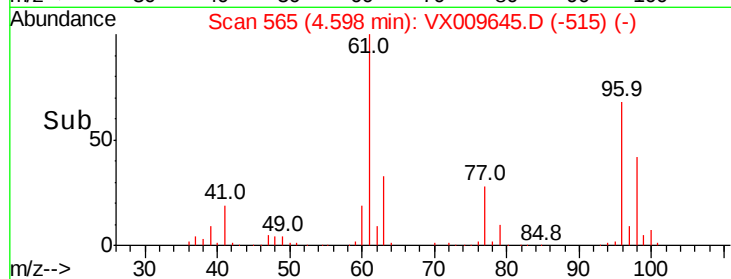
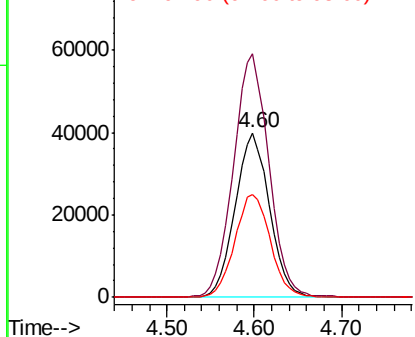


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

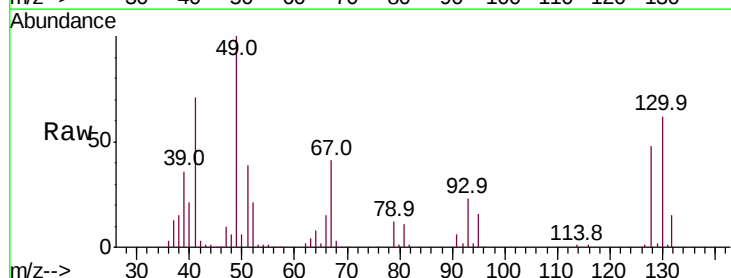
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 50.001 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX009645.D
Acq: 17 May 2019 06:47

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.5	0.0	3.8	
130	62.3	51.2	76.8	

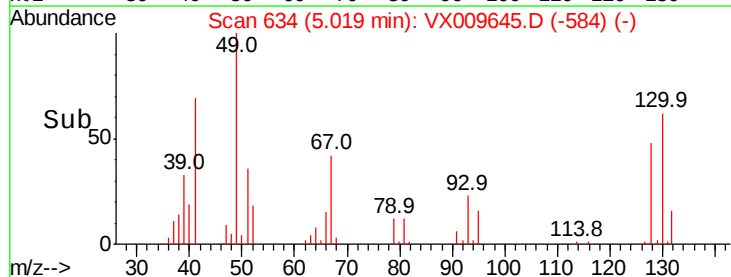
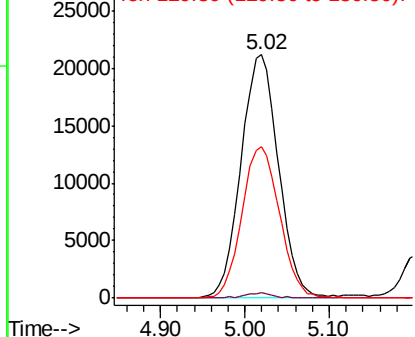


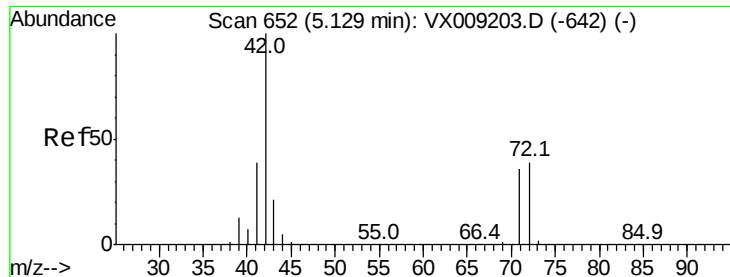
Abundance

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





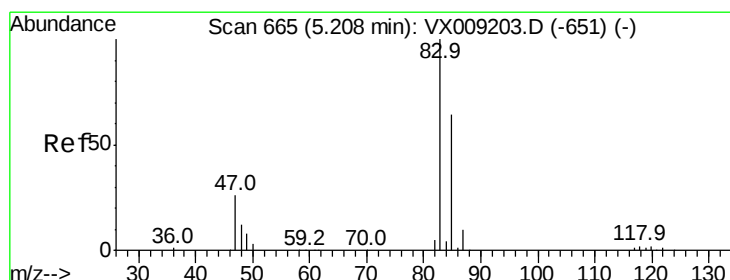
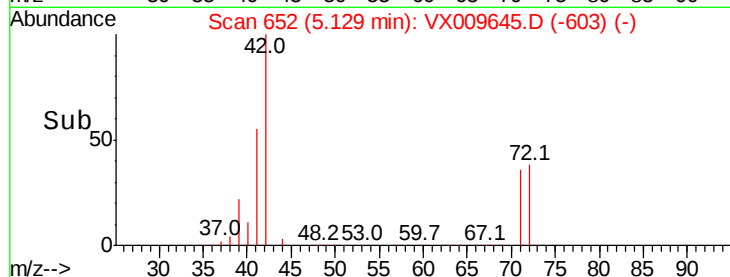
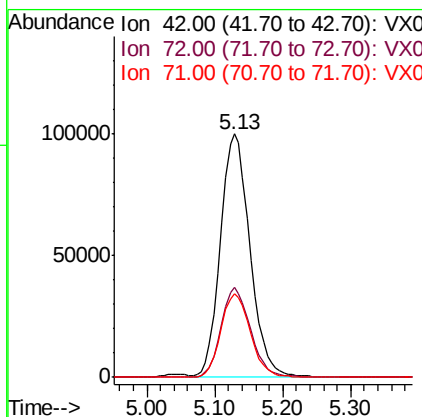
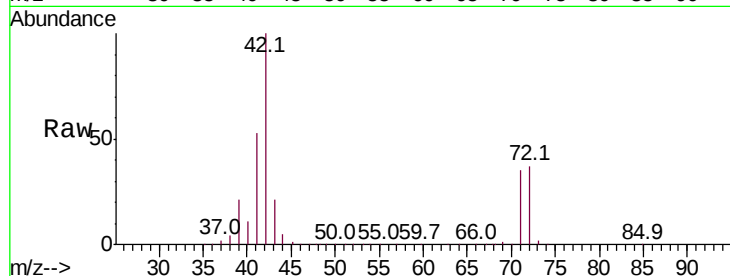
#29
Tetrahydrofuran
Concen: 277.957 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX009645.D
Acq: 17 May 2019 06:47

Instrument :
MSVOA_X
ClientSampleId :
SS052MW100-190514MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	37.2	30.4	45.6
71	34.6	28.6	43.0

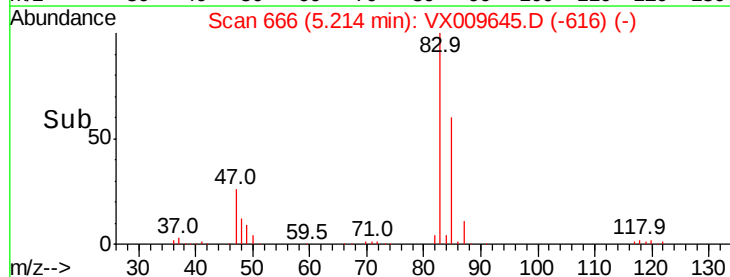
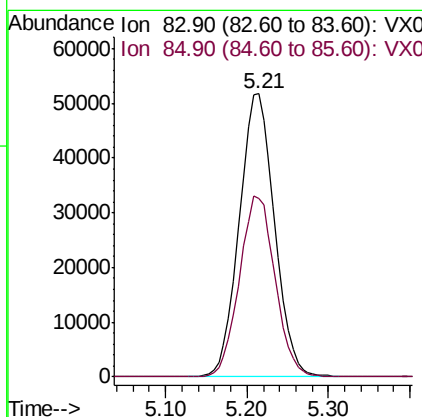
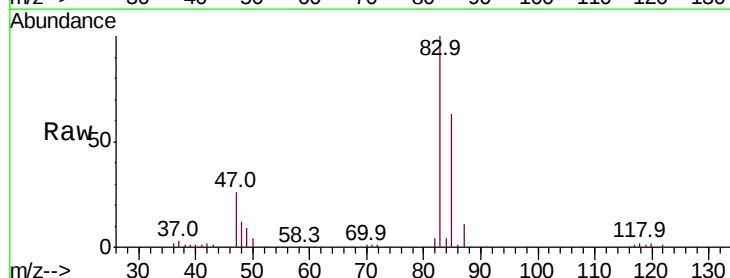
Manual Integrations
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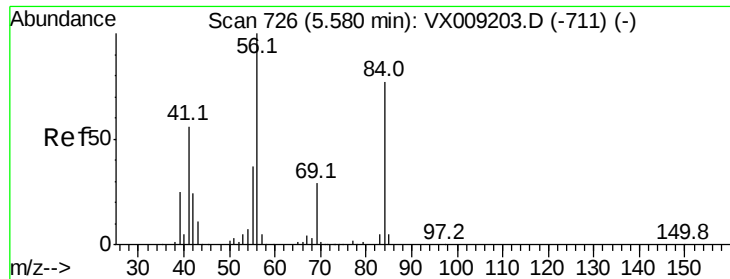
MMDadoda
5/17/2019 1:21:04 PM



#30
Chloroform
Concen: 54.023 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX009645.D
Acq: 17 May 2019 06:47

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.7	51.5	77.3





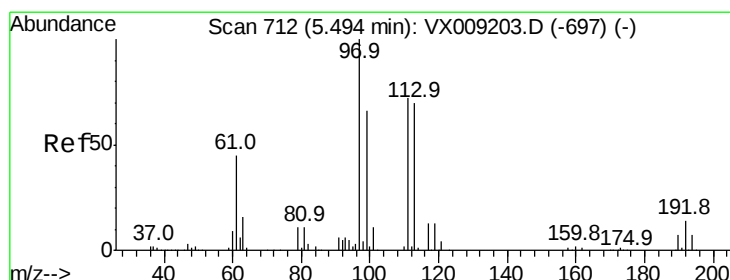
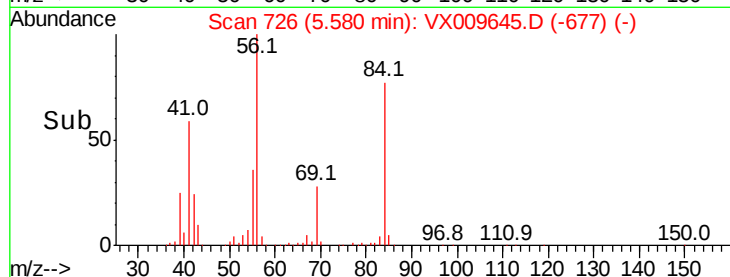
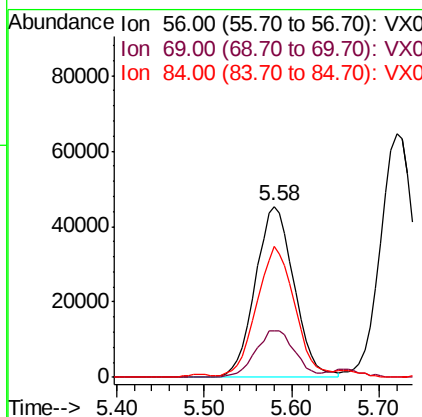
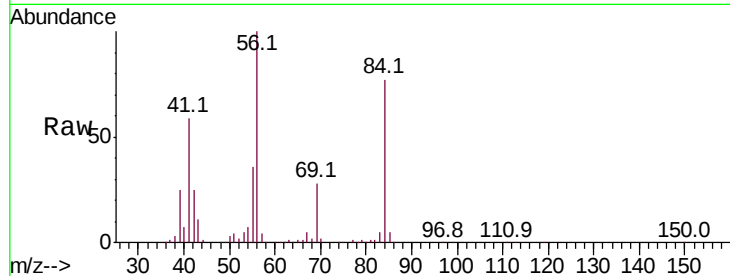
#31
Cyclohexane
Concen: 47.064 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX009645.D
Acq: 17 May 2019 06:47

Instrument :
MSVOA_X
ClientSampleId :
SS052MW100-190514MS

Tot Ion	Ratio	Lower	Upper
56	100		
69	27.5	23.4	35.0
84	75.5	61.9	92.9

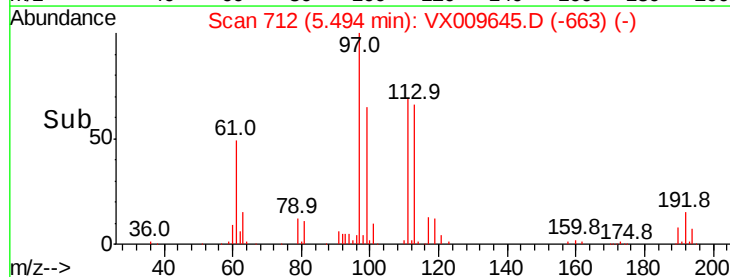
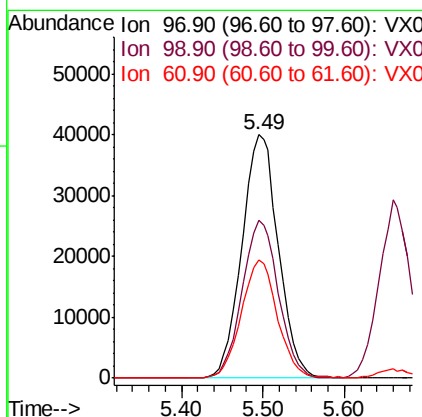
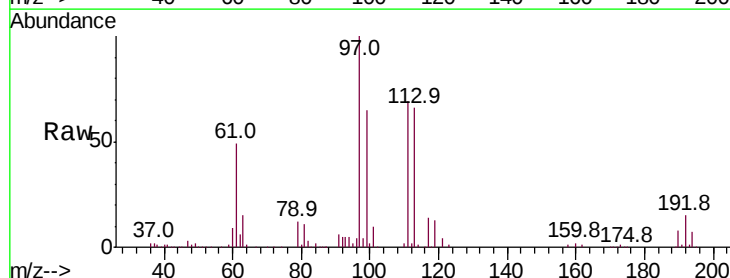
Manual Integrations
APPROVED

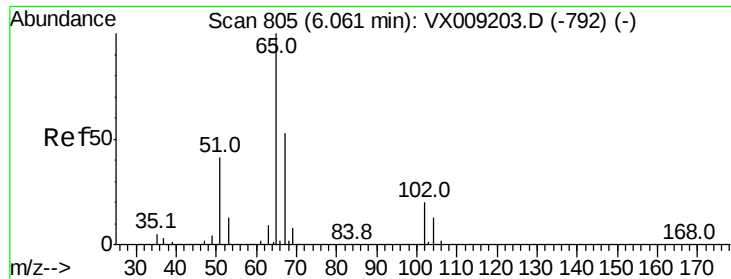
MMDadoda
5/17/2019 1:21:04 PM



#32
1,1,1-Trichloroethane
Concen: 51.881 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX009645.D
Acq: 17 May 2019 06:47

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.8	77.8
61	48.1	37.8	56.8





#33

1,2-Dichloroethane-d4

Concen: 53.639 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009645.D

Acq: 17 May 2019 06:47

Instrument :

MSVOA_X

ClientSampleId :

SS052MW100-190514MS

Tot Ion: 65 Resp: 107500

Ion Ratio Lower Upper

65 100

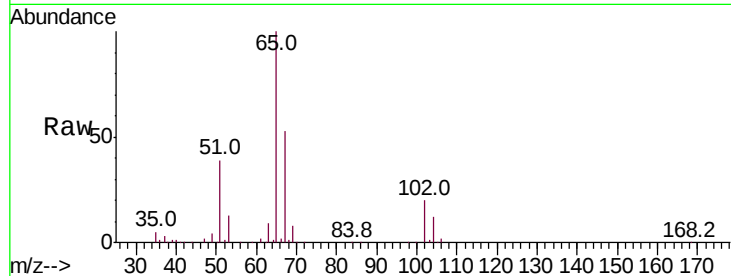
67 53.6 0.0 106.6

Manual Integrations

APPROVED

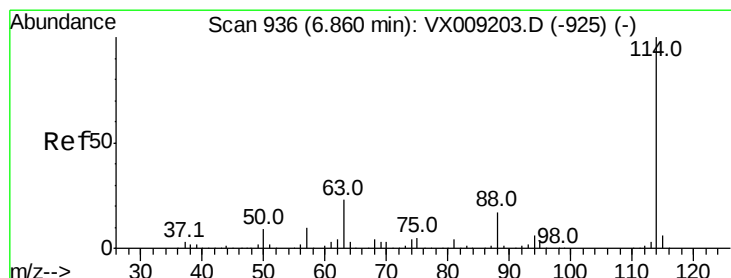
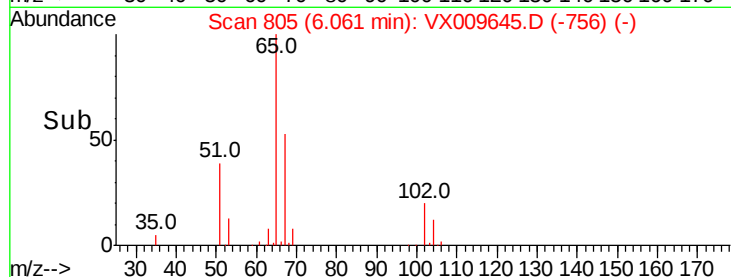
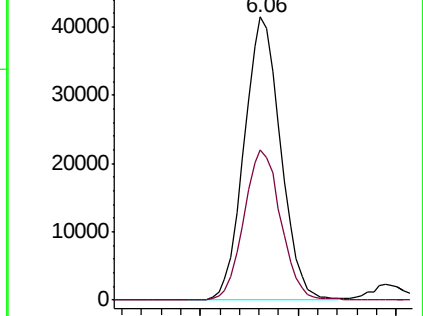
MMDadoda

5/17/2019 1:21:04 PM



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX009645.D

Acq: 17 May 2019 06:47

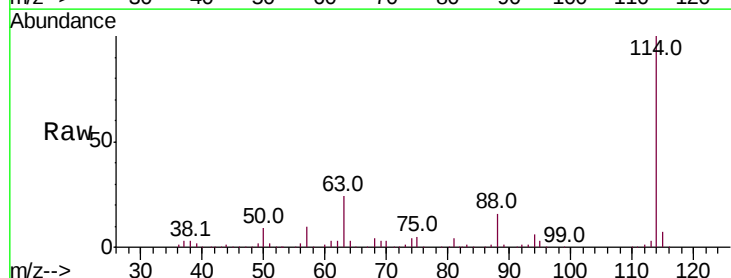
Tgt Ion:114 Resp: 245058

Ion Ratio Lower Upper

114 100

63 23.8 0.0 45.6

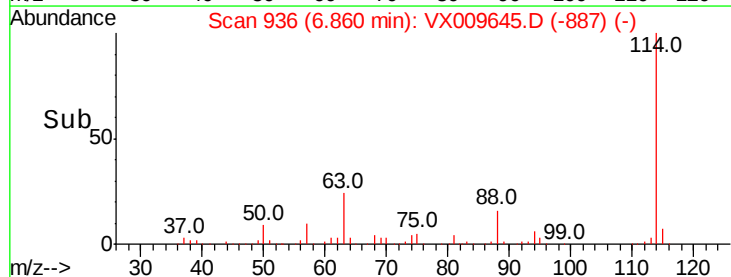
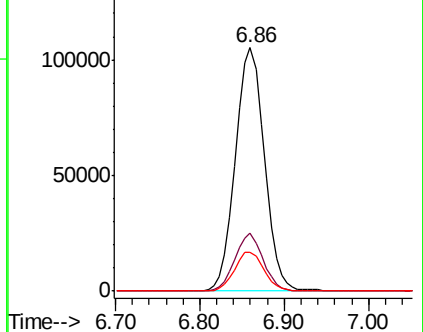
88 15.9 0.0 33.2

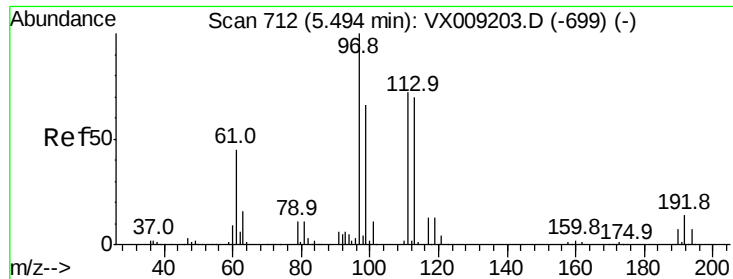


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





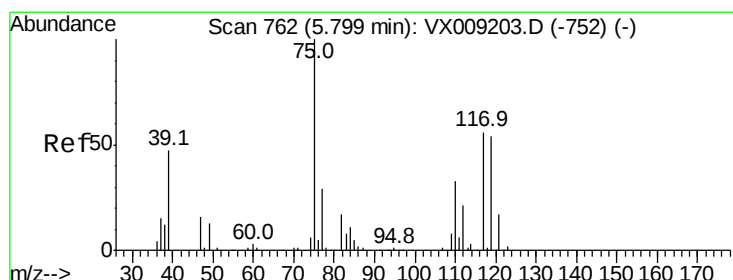
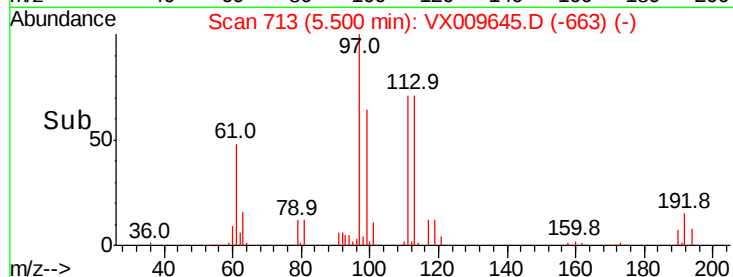
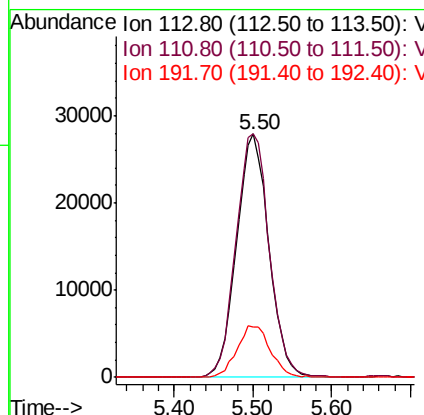
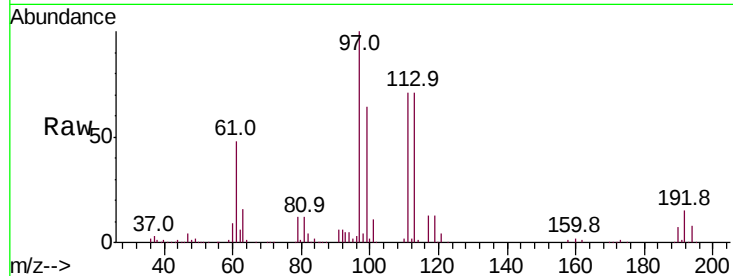
#35
 Dibromofluoromethane
 Concen: 51.549 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009645.D
 Acq: 17 May 2019 06:47

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW100-190514MS

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.8	124.2
192	21.8	17.0	25.6

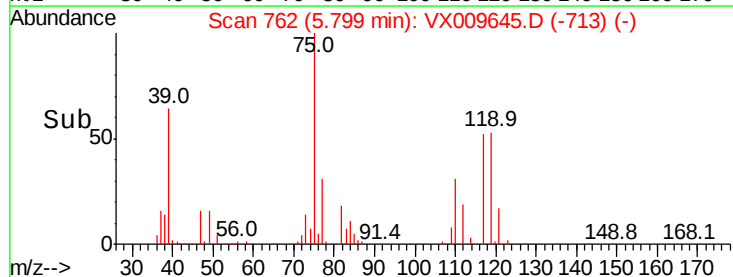
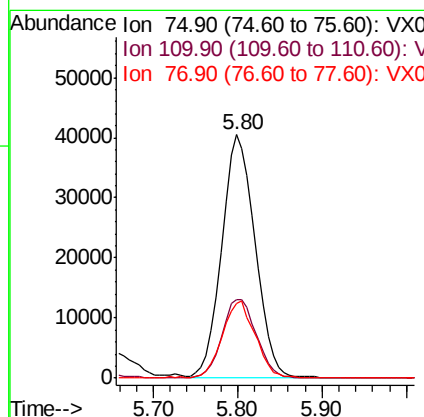
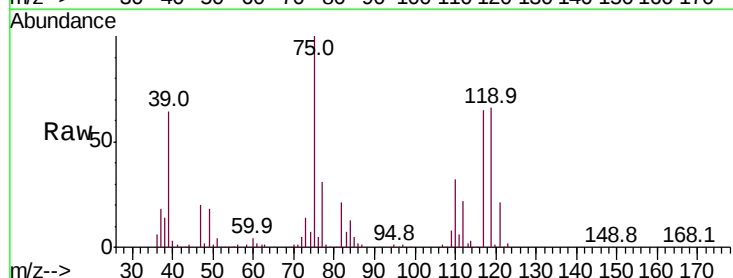
Manual Integrations
 APPROVED

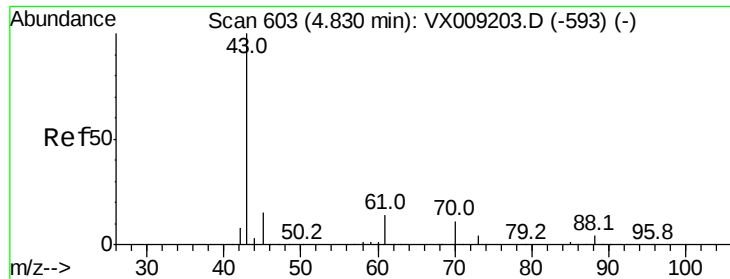
MMDadoda
 5/17/2019 1:21:04 PM



#36
 1,1-Dichloropropene
 Concen: 47.948 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX009645.D
 Acq: 17 May 2019 06:47

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.6	16.9	50.6
77	31.6	24.8	37.2





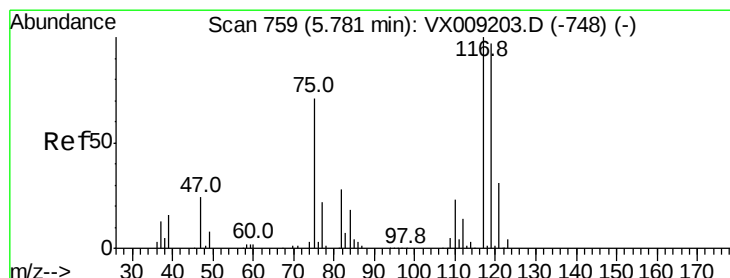
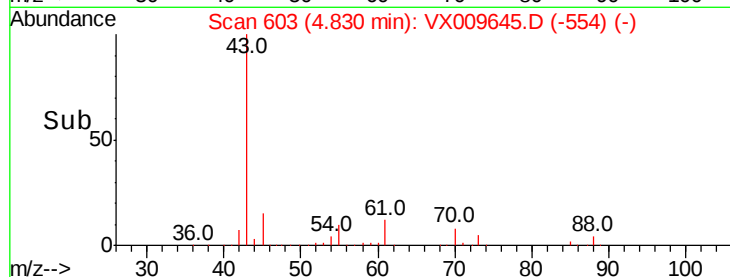
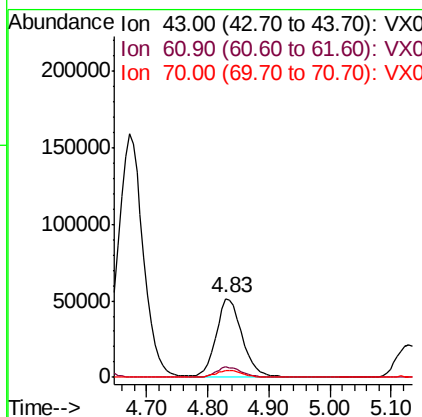
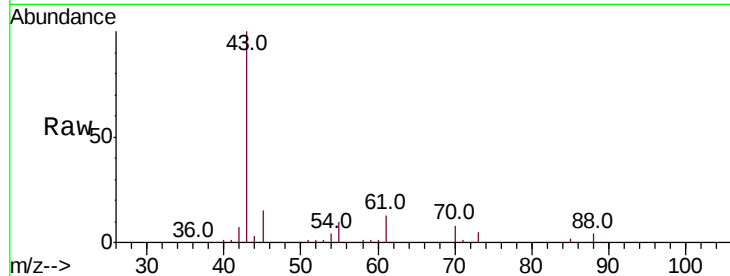
#37
Ethyl Acetate
Concen: 48.004 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.00 min
Lab File: VX009645.D
Acq: 17 May 2019 06:47

Instrument :
MSVOA_X
ClientSampleId :
SS052MW100-190514MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.7	10.5	15.7
70	9.1	7.9	11.9

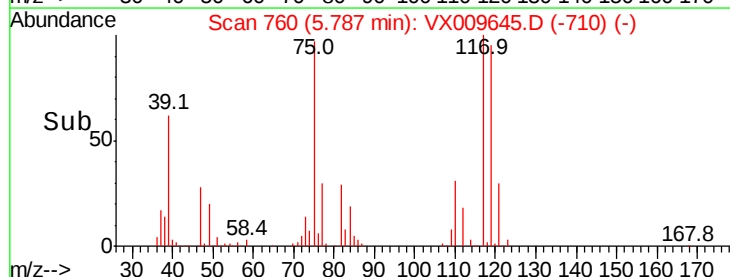
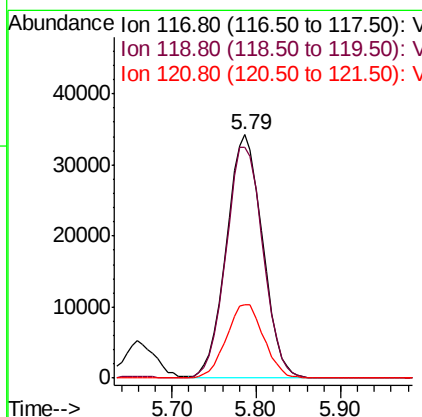
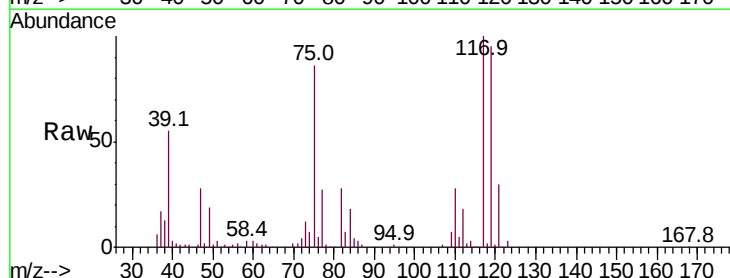
Manual Integrations
APPROVED

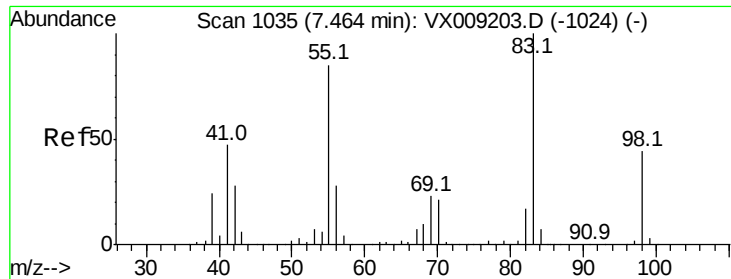
MMDadoda
5/17/2019 1:21:04 PM



#38
Carbon Tetrachloride
Concen: 48.303 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX009645.D
Acq: 17 May 2019 06:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.9	77.5	116.3
121	30.0	24.7	37.1





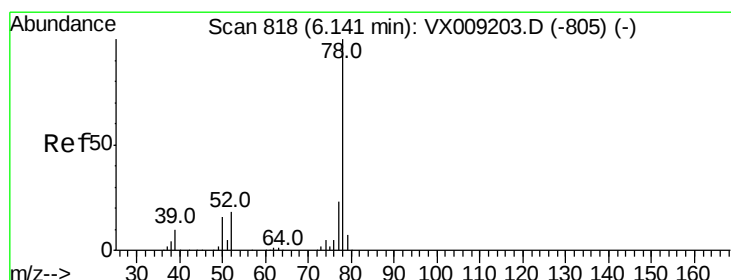
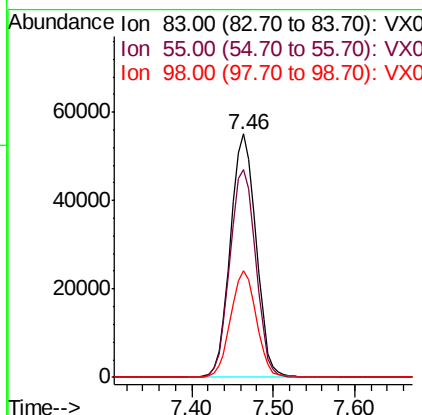
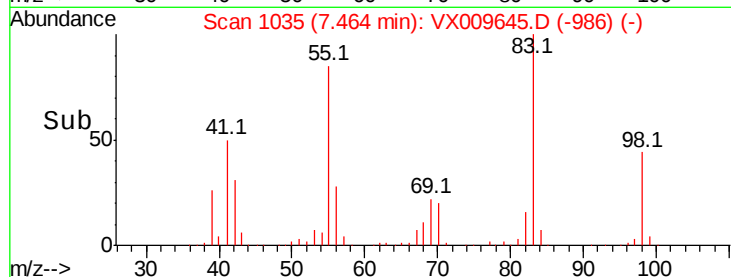
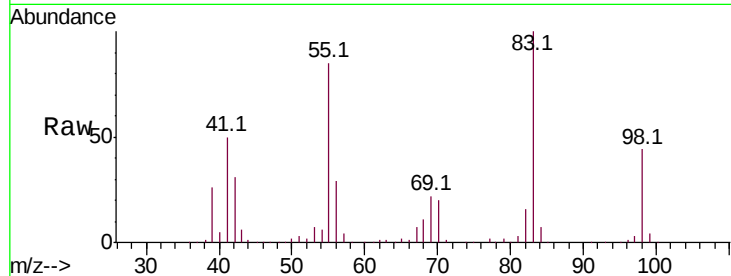
#39
Methvlcvclohexane
Concen: 42.641 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX009645.D
Acq: 17 May 2019 06:47

Instrument :
MSVOA_X
ClientSampleId :
SS052MW100-190514MS

Tot Ion: 83 Resp: 119260
Ion Ratio Lower Upper
83 100
55 85.4 67.7 101.5
98 43.9 35.5 53.3

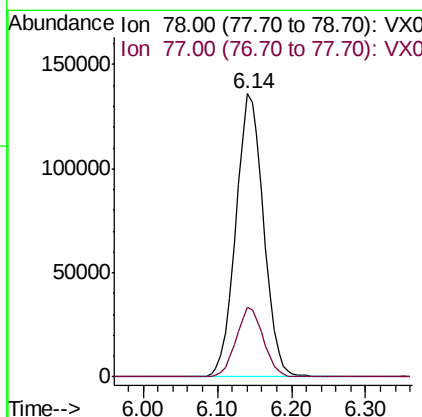
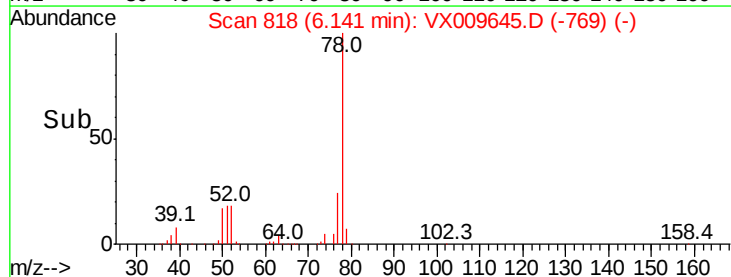
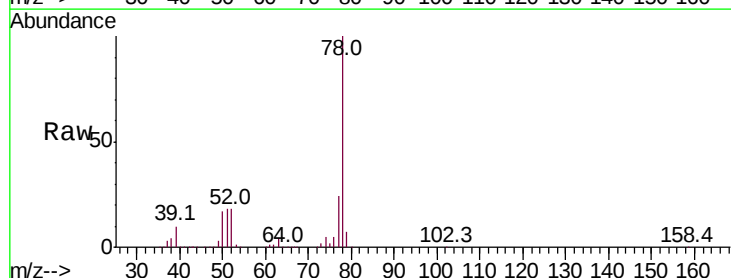
Manual Integrations
APPROVED

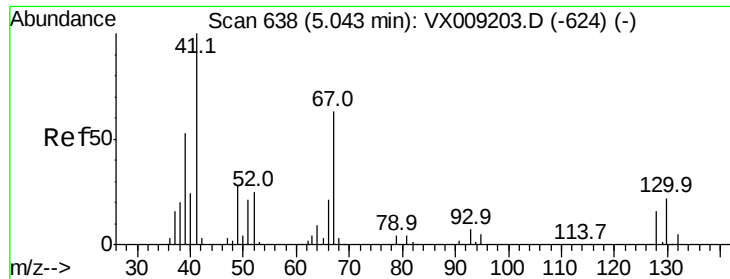
MMDadoda
5/17/2019 1:21:04 PM



#40
Benzene
Concen: 50.490 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX009645.D
Acq: 17 May 2019 06:47

Tgt Ion: 78 Resp: 355853
Ion Ratio Lower Upper
78 100
77 24.4 18.8 28.2





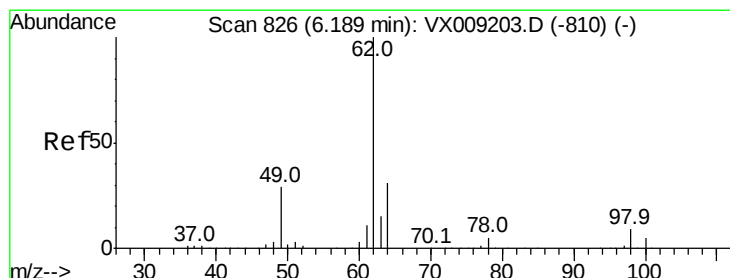
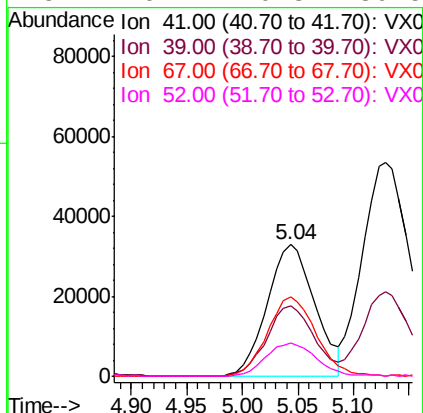
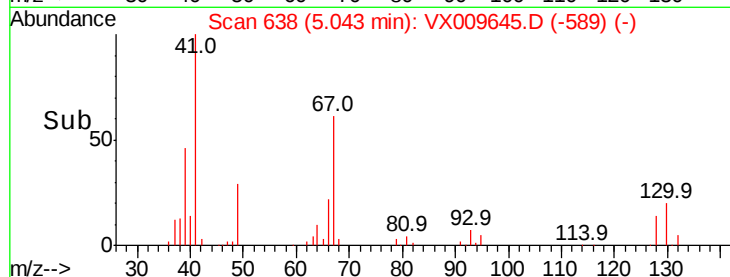
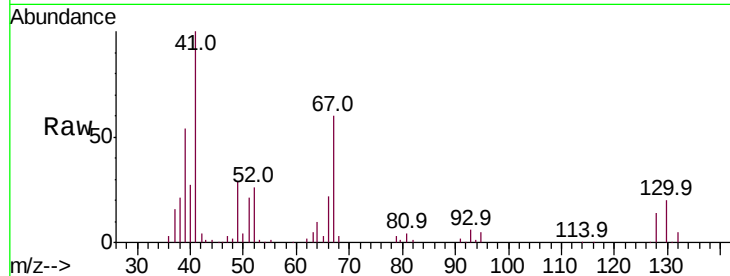
#41
Methacrylonitrile
Concen: 51.717 ug/l
RT: 5.04 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX009645.D
Acq: 17 May 2019 06:47

Instrument :
MSVOA_X
ClientSampleId :
SS052MW100-190514MS

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.3	42.0	63.0	
67	61.6	49.8	74.8	
52	26.4	20.3	30.5	

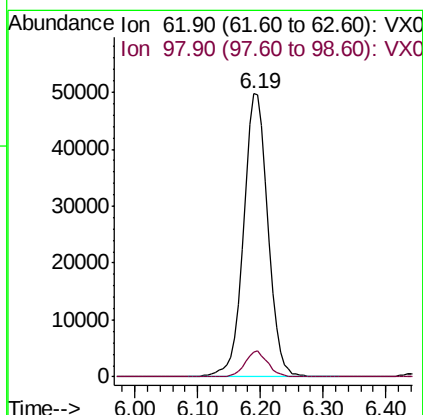
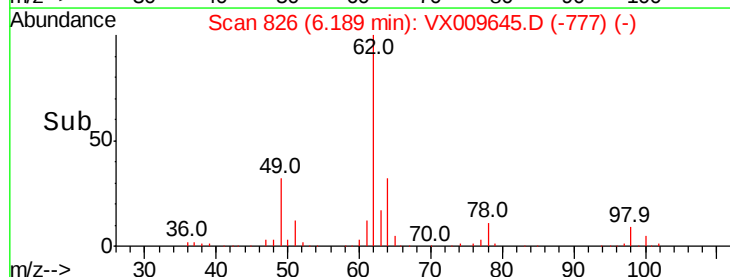
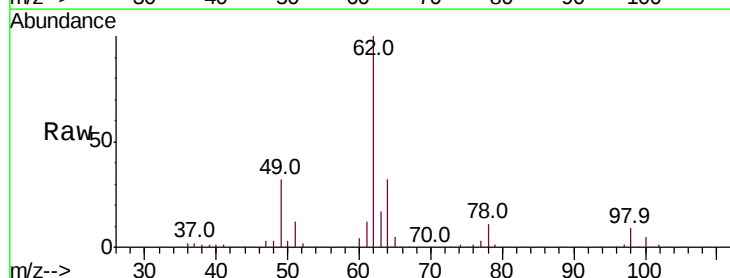
Manual Integrations
APPROVED

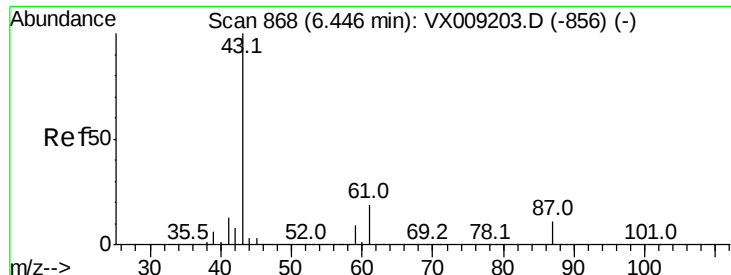
MMDadoda
5/17/2019 1:21:04 PM



#42
1,2-Dichloroethane
Concen: 52.583 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.00 min
Lab File: VX009645.D
Acq: 17 May 2019 06:47

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.6	0.0	18.2	





#43

Isopropyl Acetate

Concen: 49.747 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX009645.D

Acq: 17 May 2019 06:47

Instrument :

MSVOA_X

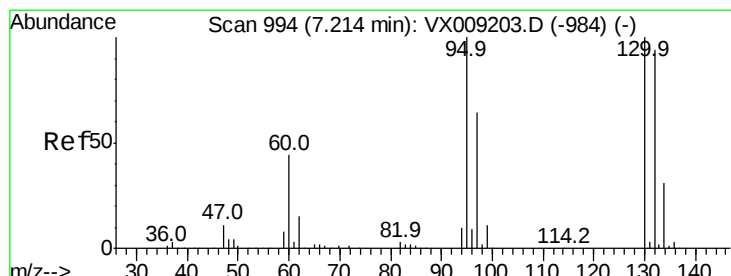
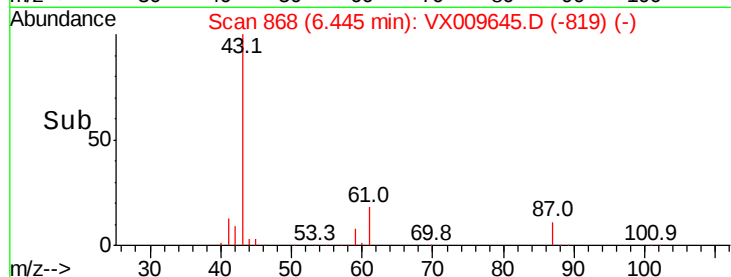
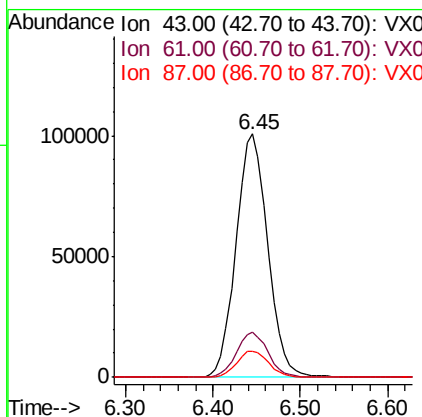
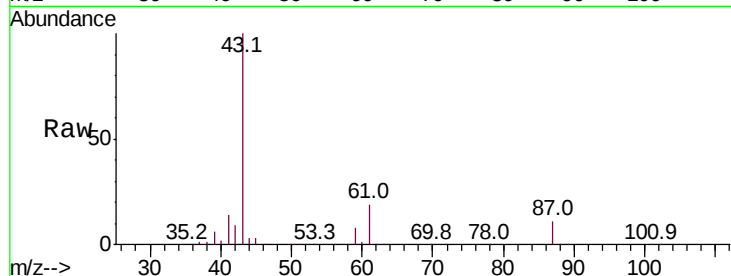
ClientSampleId :

SS052MW100-190514MS

Tot Ion:	43	Resp:	252486
Ion	Ratio	Lower	Upper
43	100		
61	18.6	15.1	22.7
87	11.1	9.0	13.6

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#44

Trichloroethene

Concen: 49.240 ug/l

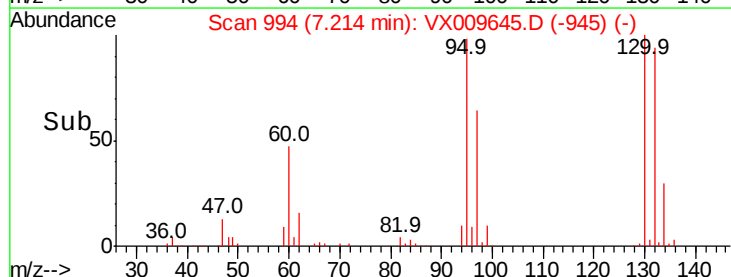
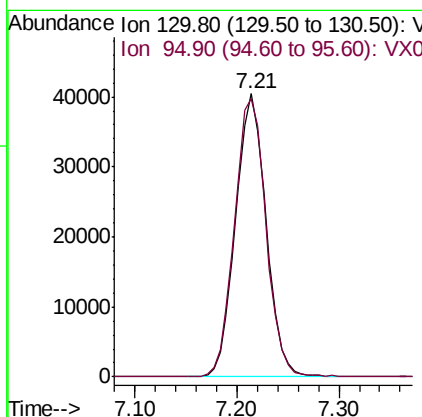
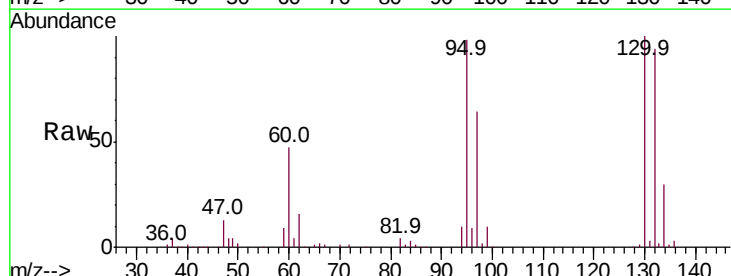
RT: 7.21 min Scan# 994

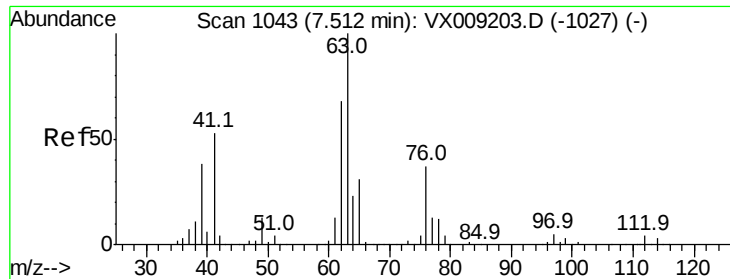
Delta R.T. -0.00 min

Lab File: VX009645.D

Acq: 17 May 2019 06:47

Tgt Ion:	130	Resp:	83899
Ion	Ratio	Lower	Upper
130	100		
95	98.2	0.0	199.2





#45

1,2-Dichloropropane

Concen: 51.766 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX009645.D

Acq: 17 May 2019 06:47

Instrument :

MSVOA_X

ClientSampleId :

SS052MW100-190514MS

Tot Ion: 63 Resp: 103311

Ion Ratio Lower Upper

63 100

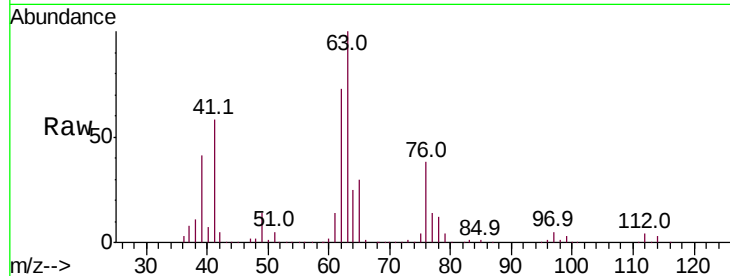
65 30.2 25.0 37.6

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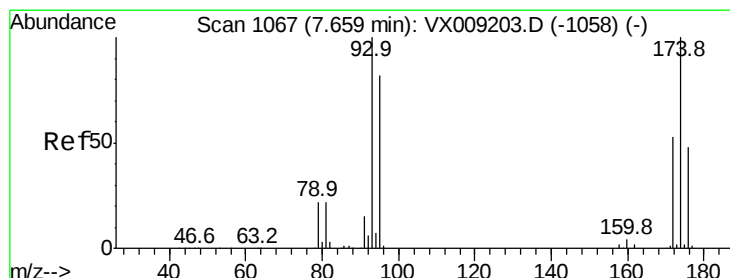
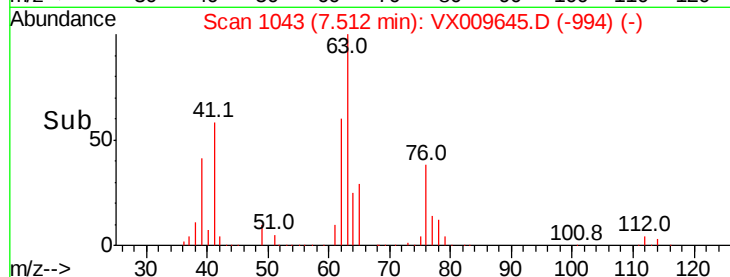
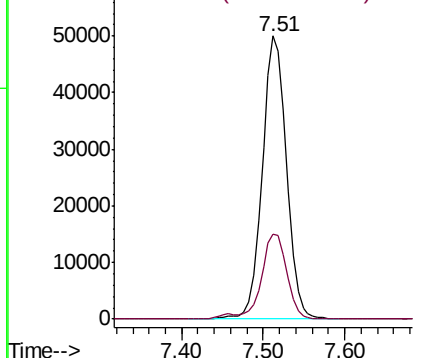
MMDadoda

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 51.042 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX009645.D

Acq: 17 May 2019 06:47

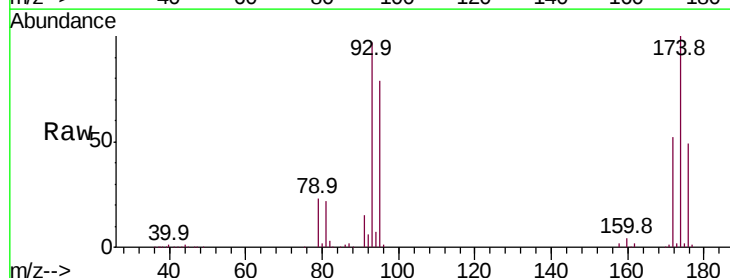
Tgt Ion: 93 Resp: 59154

Ion Ratio Lower Upper

93 100

95 82.9 66.5 99.7

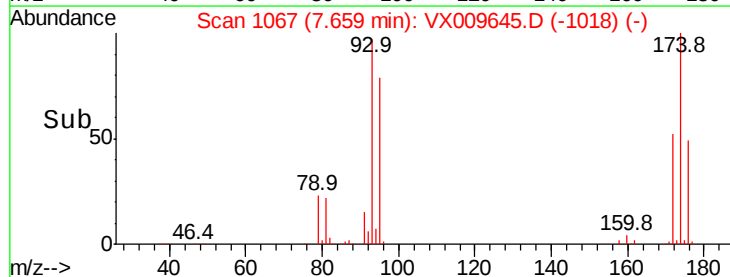
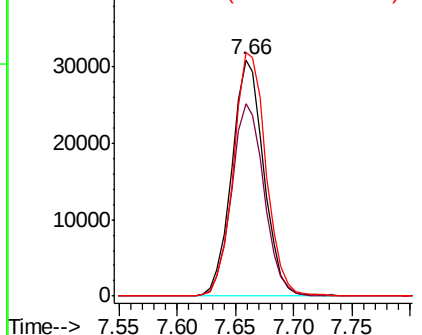
174 104.9 82.1 123.1

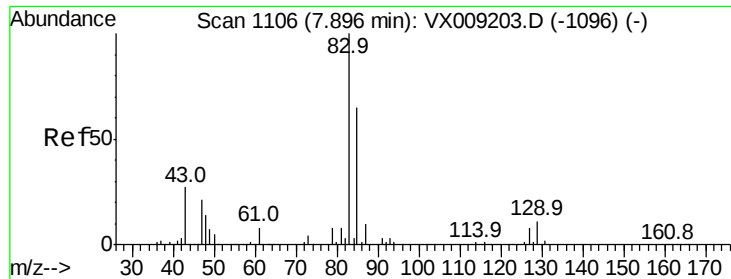


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





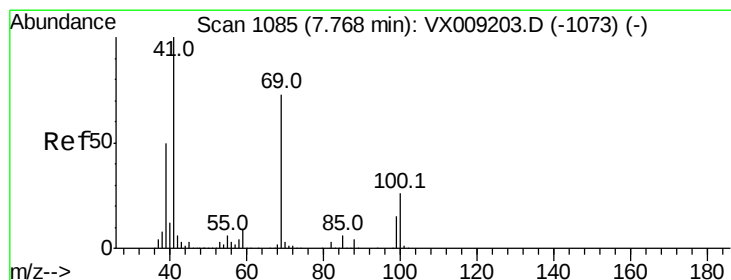
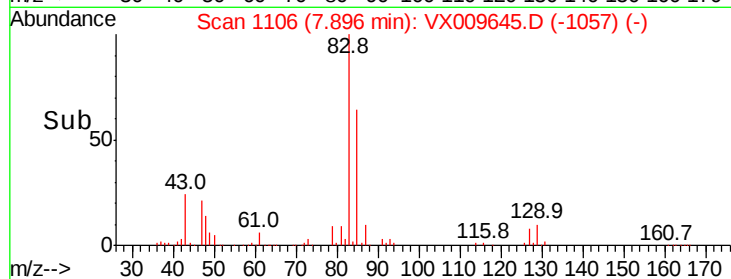
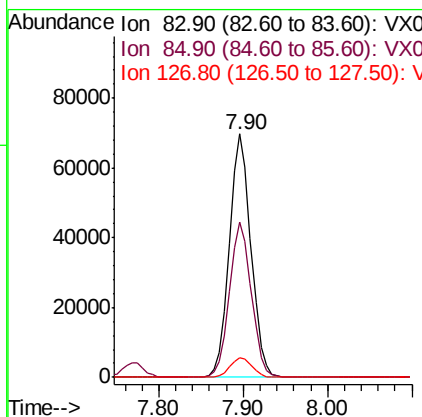
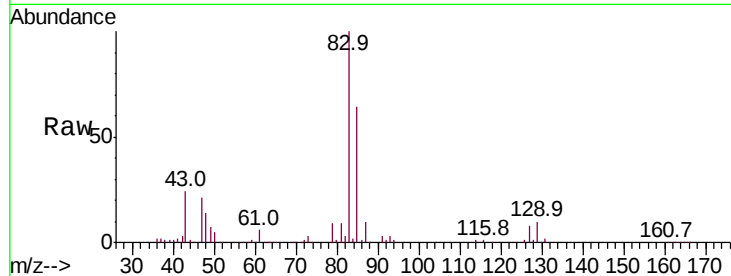
#47
 Bromodichloromethane
 Concen: 52.598 ug/l
 RT: 7.90 min Scan# 1106
 Delta R.T. -0.00 min
 Lab File: VX009645.D
 Acq: 17 May 2019 06:47

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW100-190514MS

Tot Ion	Ratio	Resp	Lower	Upper
83	100	121595		
85	63.8	52.4	78.6	
127	7.9	6.6	10.0	

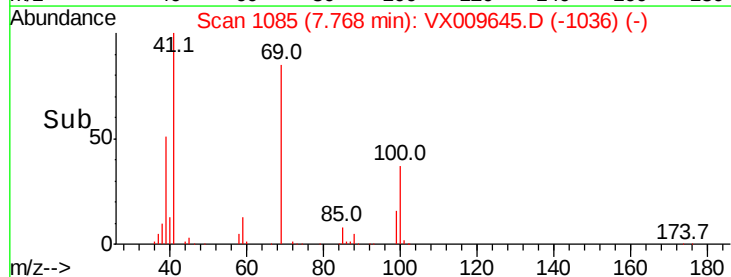
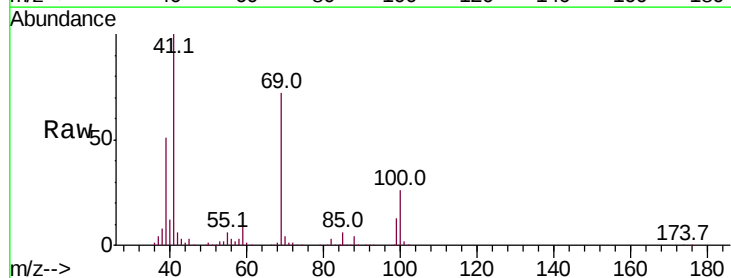
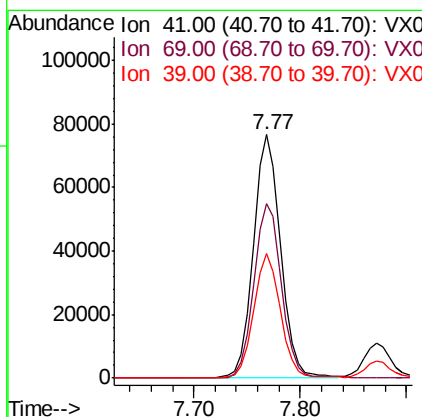
Manual Integrations
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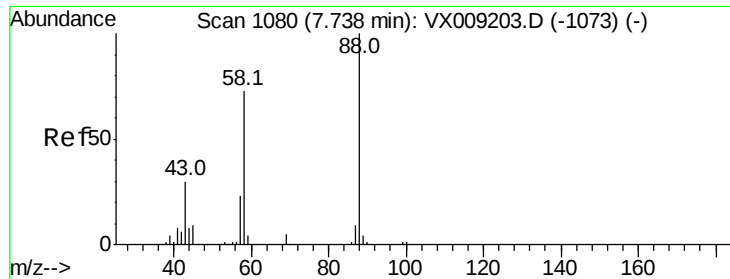
MMDadoda
 5/17/2019 1:21:04 PM



#48
 Methyl methacrylate
 Concen: 54.420 ug/l
 RT: 7.77 min Scan# 1085
 Delta R.T. -0.00 min
 Lab File: VX009645.D
 Acq: 17 May 2019 06:47

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	137031		
69	73.2	59.1	88.7	
39	50.2	40.4	60.6	





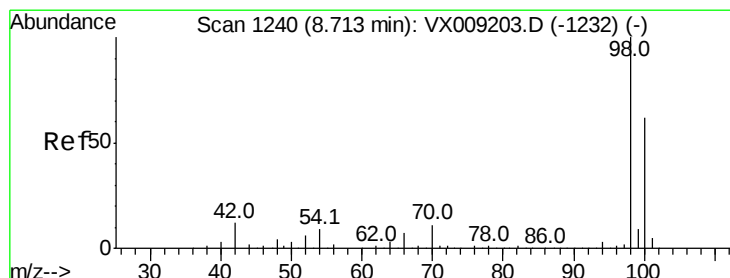
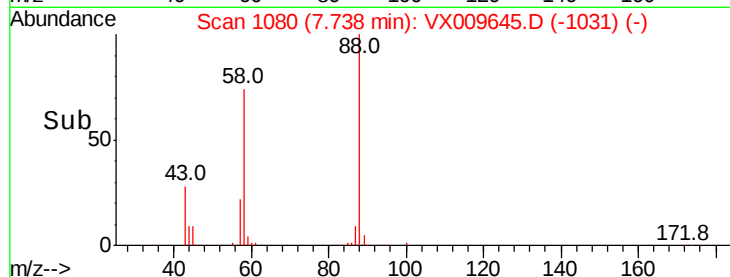
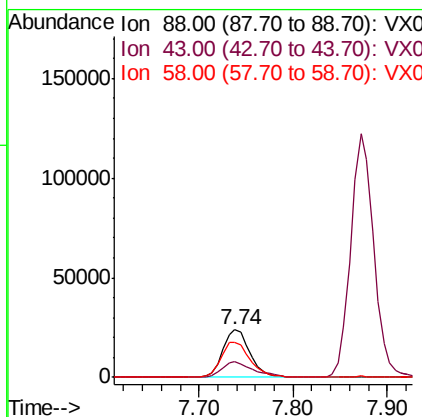
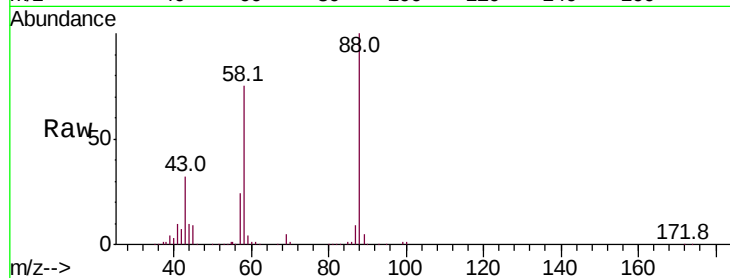
#49
1,4-Dioxane
Concen: 940.691 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX009645.D
Acq: 17 May 2019 06:47

Instrument :
MSVOA_X
ClientSampleId :
SS052MW100-190514MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.8	28.6	42.8
58	78.3	61.7	92.5

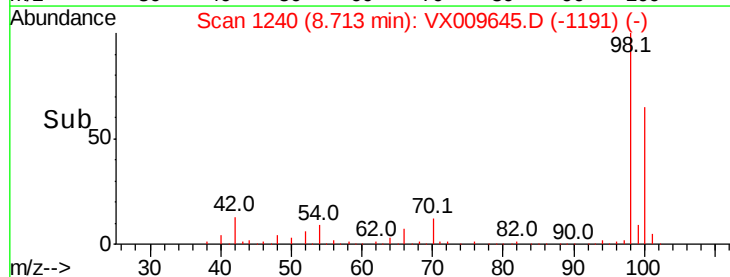
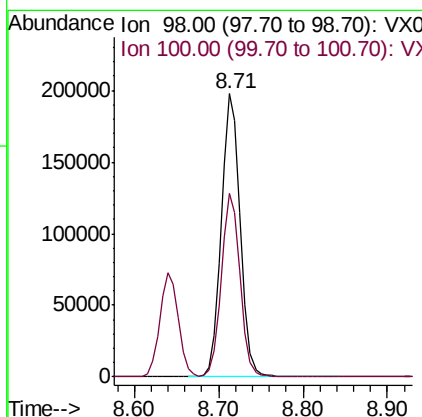
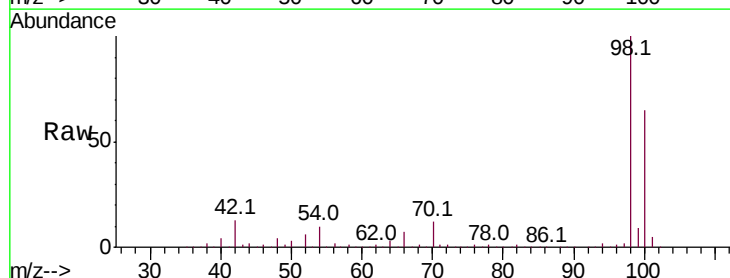
Manual Integrations
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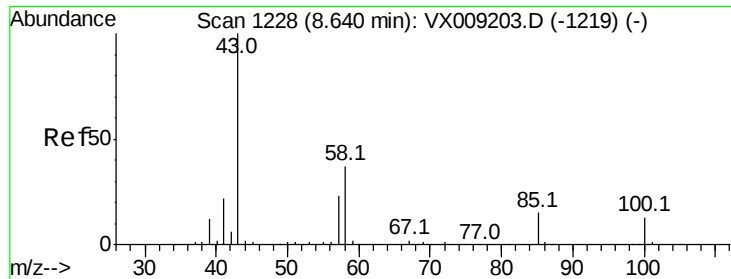
MMDadoda
5/17/2019 1:21:04 PM



#50
Toluene-d8
Concen: 49.139 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009645.D
Acq: 17 May 2019 06:47

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 272.877 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX009645.D

Acq: 17 May 2019 06:47

Instrument :

MSVOA_X

ClientSampleId :

SS052MW100-190514MS

Tot Ion: 43 Resp: 905246

Ion Ratio Lower Upper

43 100

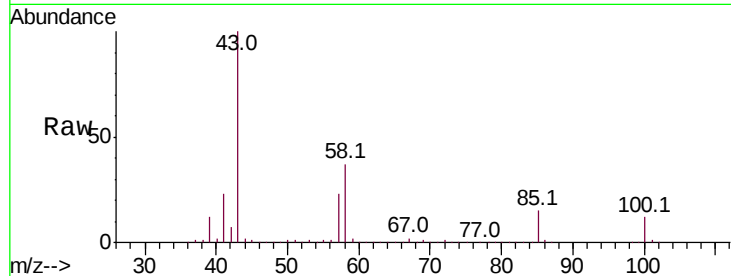
58 36.4 29.5 44.3

Manual Integrations

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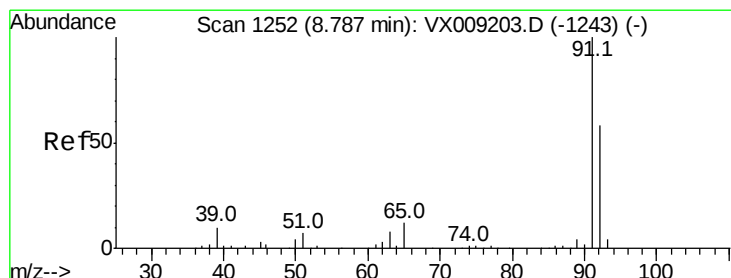
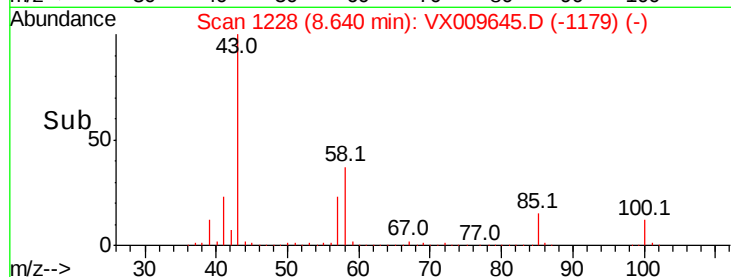
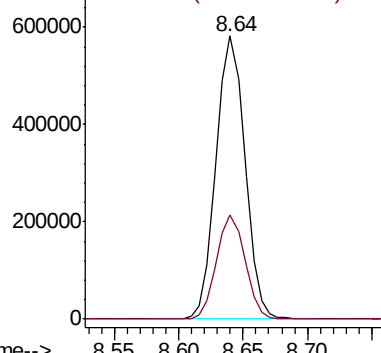
MMDadoda

5/17/2019 1:21:04 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 50.495 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX009645.D

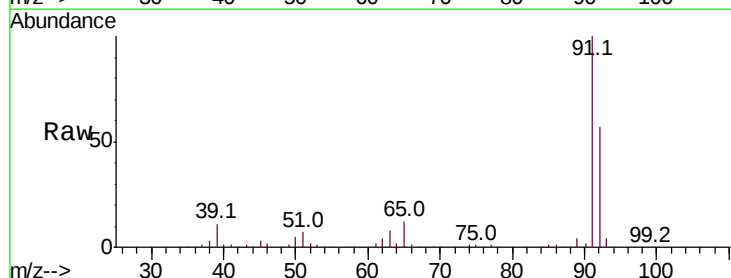
Acq: 17 May 2019 06:47

Tgt Ion: 92 Resp: 216335

Ion Ratio Lower Upper

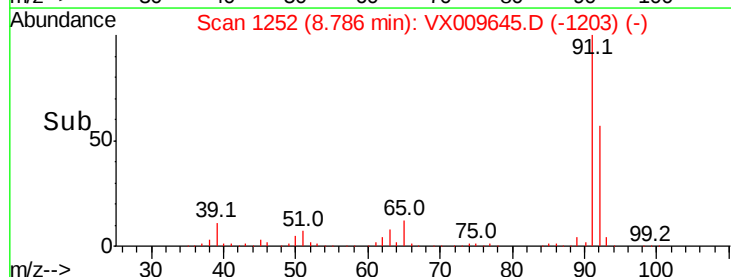
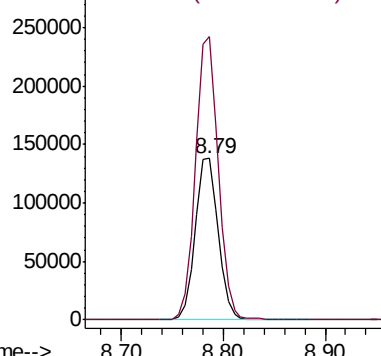
92 100

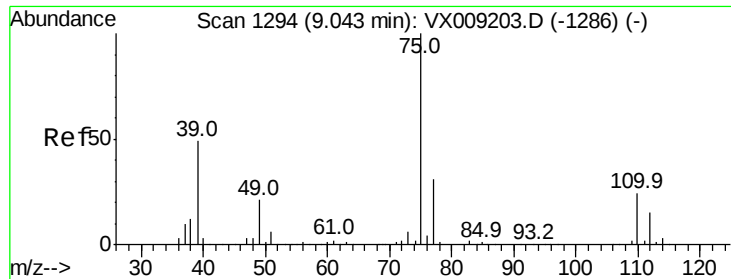
91 173.3 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





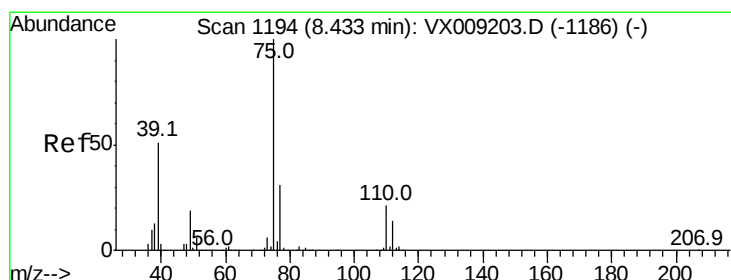
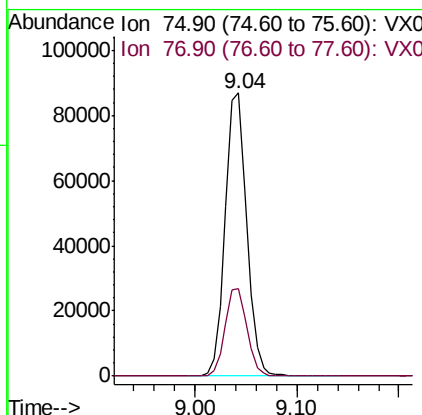
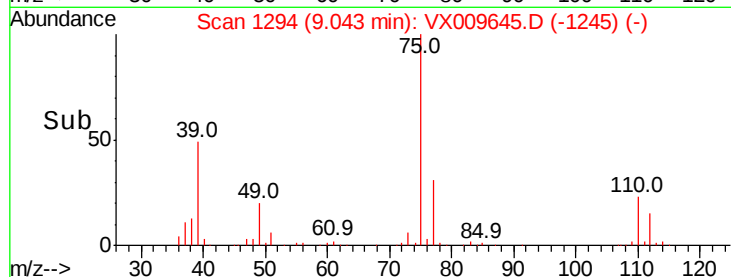
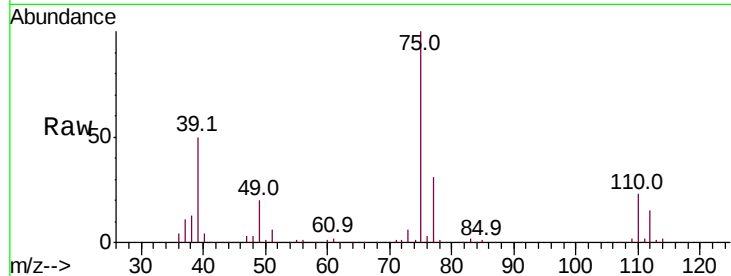
#53
t-1,3-Dichloropropene
Concen: 48.731 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX009645.D
Acq: 17 May 2019 06:47

Instrument :
MSVOA_X
ClientSampleId :
SS052MW100-190514MS

Tot Ion: 75 Resp: 127189
Ion Ratio Lower Upper
75 100
77 31.1 25.0 37.6

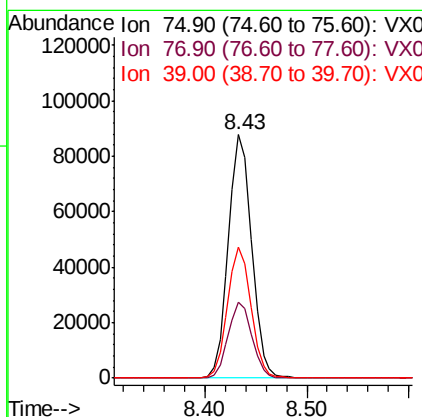
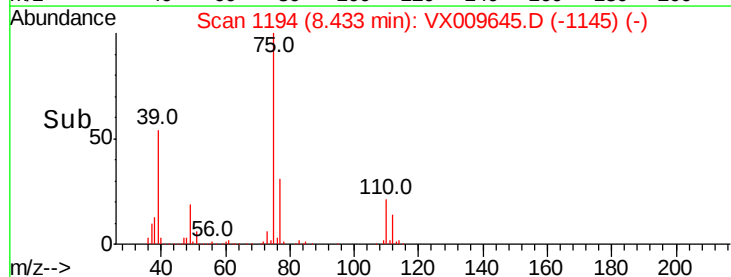
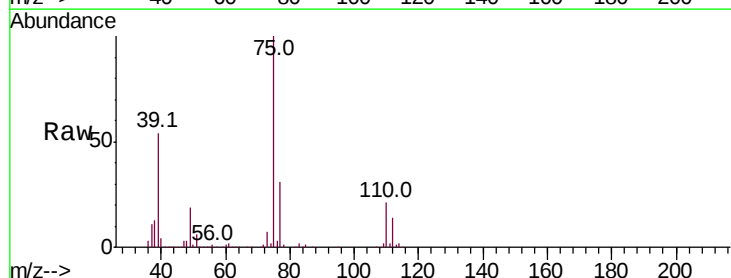
Manual Integrations
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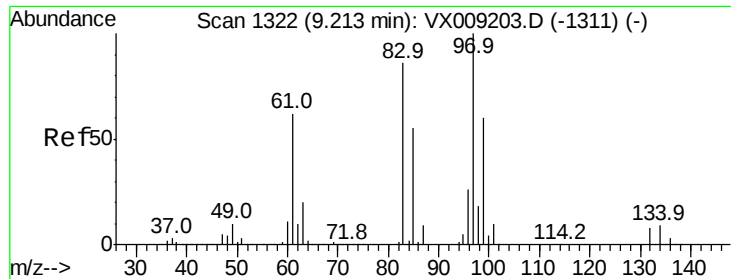
MMDadoda
5/17/2019 1:21:04 PM



#54
cis-1,3-Dichloropropene
Concen: 48.021 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX009645.D
Acq: 17 May 2019 06:47

Tgt Ion: 75 Resp: 138727
Ion Ratio Lower Upper
75 100
77 31.3 24.6 36.8
39 53.8 40.6 60.8





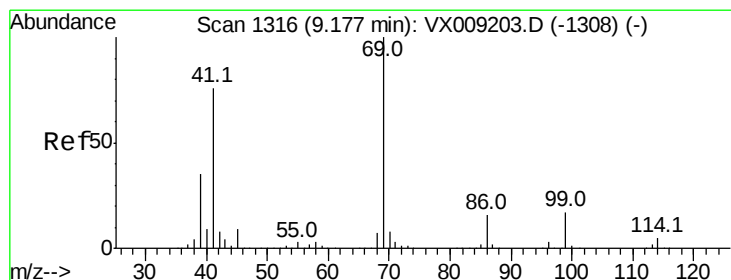
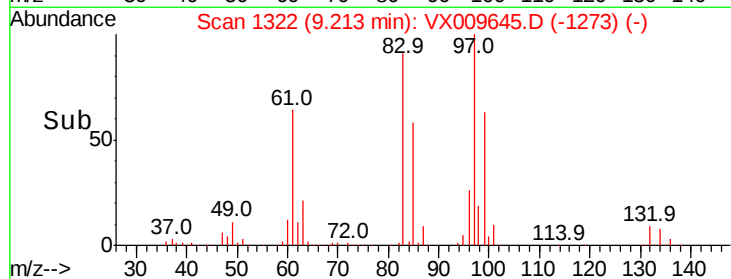
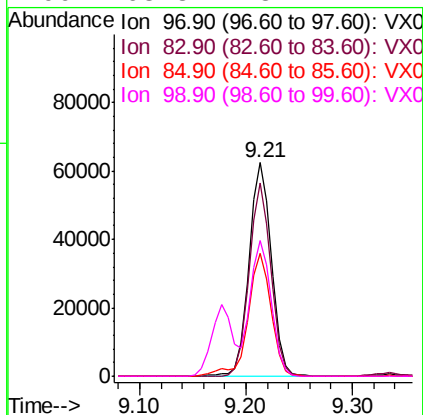
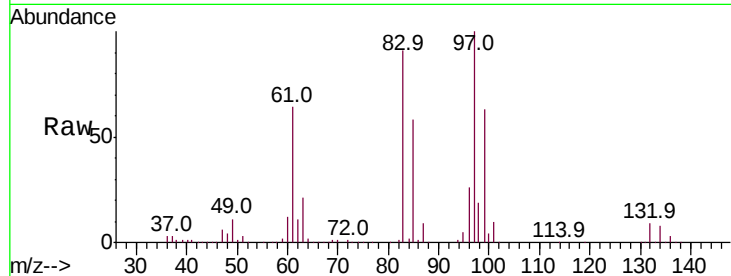
#55
1,1,2-Trichloroethane
Concen: 52.612 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. -0.00 min
Lab File: VX009645.D
Acq: 17 May 2019 06:47

Instrument :
MSVOA_X
ClientSampleId :
SS052MW100-190514MS

Tot Ion	97	Resp	91960
Ion Ratio	Lower	Upper	
97	100		
83	90.7	68.9	103.3
85	57.6	43.8	65.6
99	63.3	48.2	72.2

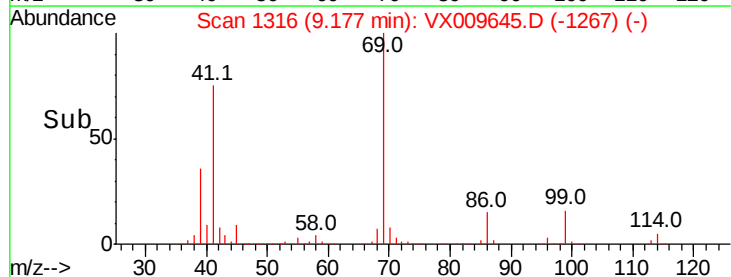
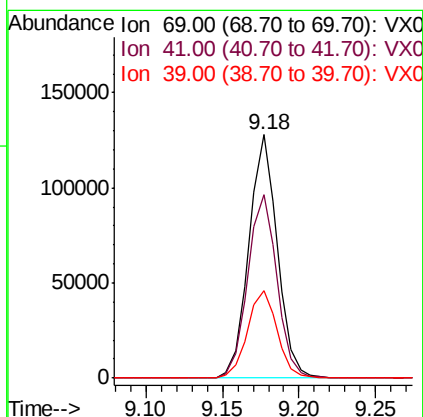
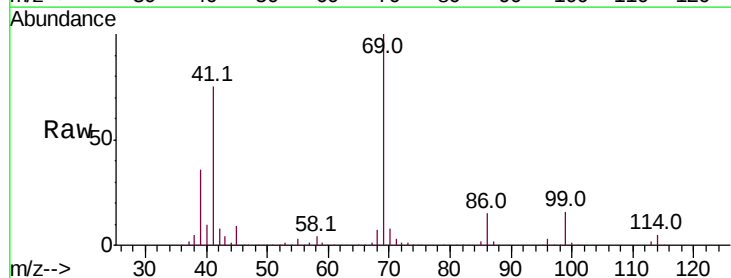
Manual Integrations
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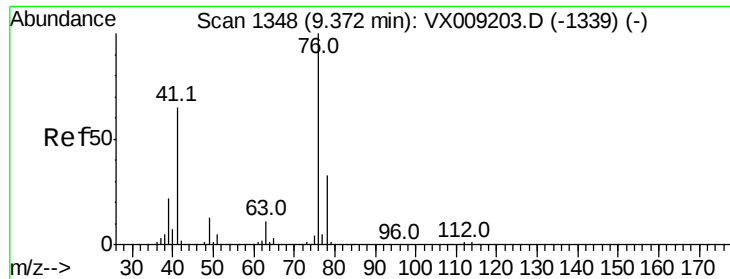
MMDadoda
5/17/2019 1:21:04 PM



#56
Ethyl methacrylate
Concen: 52.977 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. -0.00 min
Lab File: VX009645.D
Acq: 17 May 2019 06:47

Tgt Ion	69	Resp	165292
Ion Ratio	Lower	Upper	
69	100		
41	77.2	60.6	90.8
39	37.7	28.2	42.4





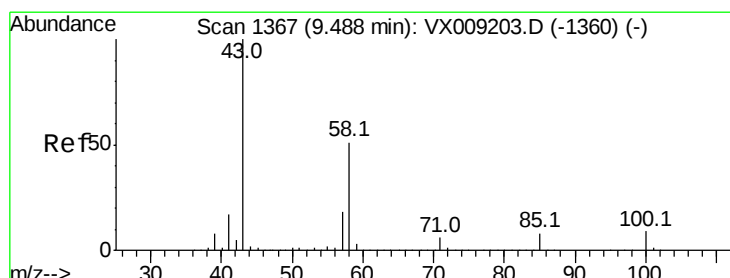
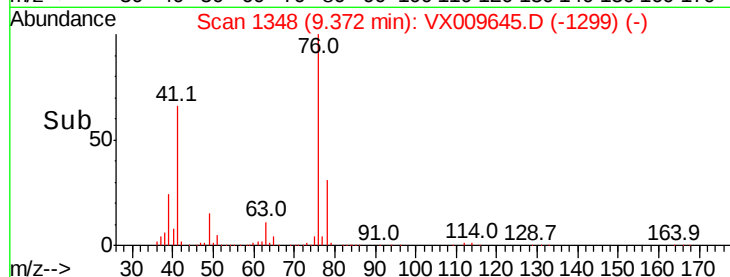
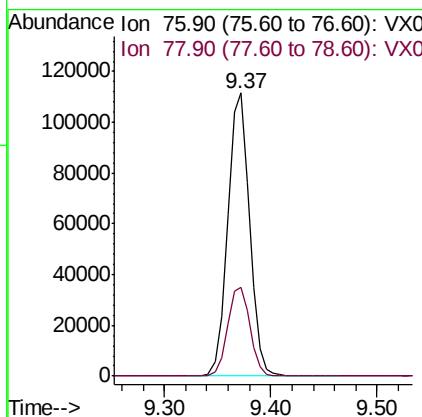
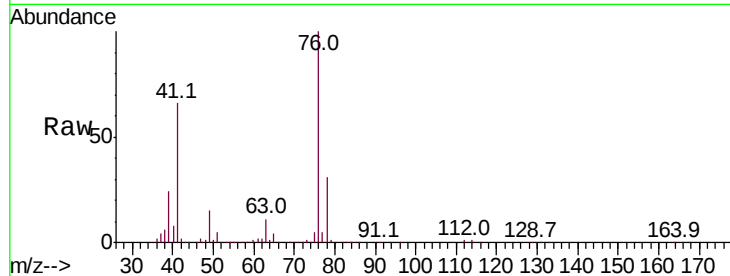
#57
 1,3-Dichloropropane
 Concen: 52.132 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX009645.D
 Acq: 17 May 2019 06:47

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW100-190514MS

Tot Ion: 76 Resp: 160349
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.5 38.3

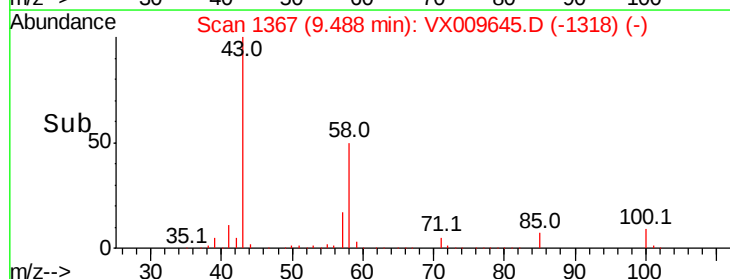
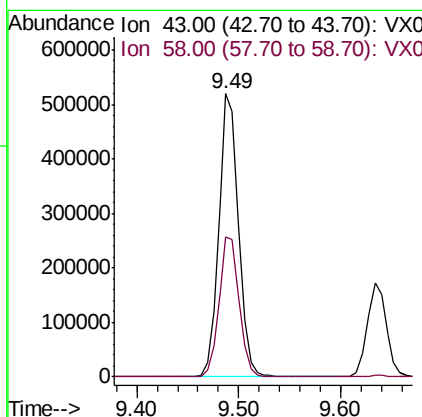
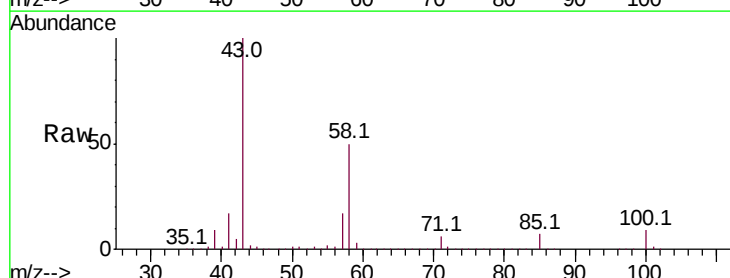
Manual Integrations
 APPROVED

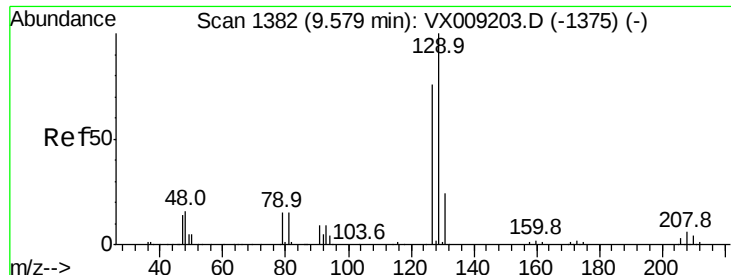
MMDadoda
 5/17/2019 1:21:04 PM



#59
 2-Hexanone
 Concen: 269.453 ug/l
 RT: 9.49 min Scan# 1367
 Delta R.T. -0.00 min
 Lab File: VX009645.D
 Acq: 17 May 2019 06:47

Tgt Ion: 43 Resp: 702046
 Ion Ratio Lower Upper
 43 100
 58 50.6 25.9 77.7





#60

Dibromochloromethane

Concen: 53.000 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VX009645.D

Acq: 17 May 2019 06:47

Instrument :

MSVOA_X

ClientSampleId :

SS052MW100-190514MS

Tot Ion:129 Resp: 90478

Ion Ratio Lower Upper

129 100

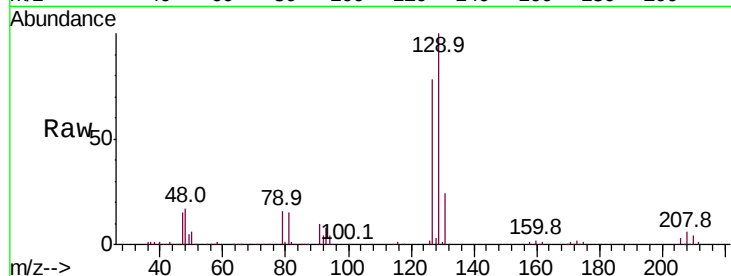
127 78.1 38.4 115.1

Manual Integrations

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MMDadoda

5/17/2019 1:21:04 PM



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

60000

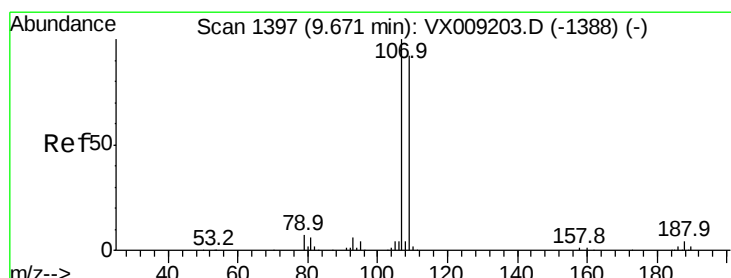
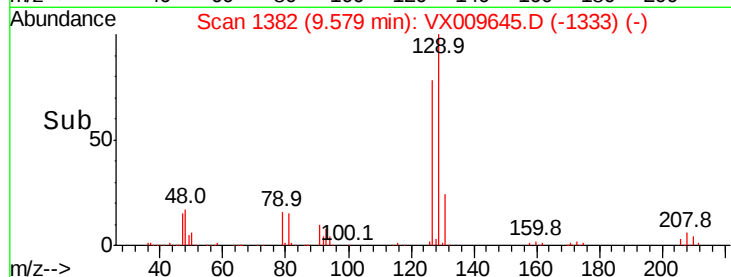
40000

20000

0

9.50 9.55 9.60 9.65 9.70

Time-->



#61

1,2-Dibromoethane

Concen: 52.548 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX009645.D

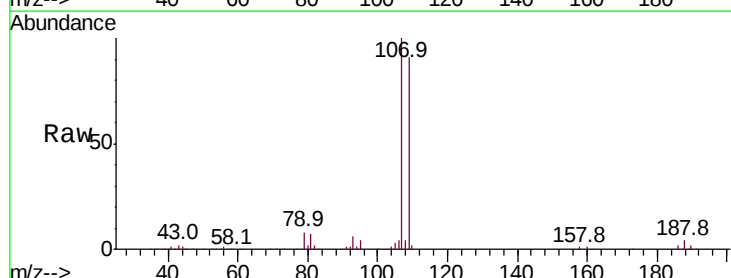
Acq: 17 May 2019 06:47

Tgt Ion:107 Resp: 92713

Ion Ratio Lower Upper

107 100

109 93.0 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

60000

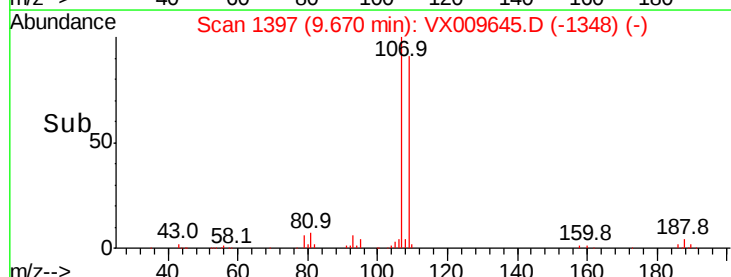
40000

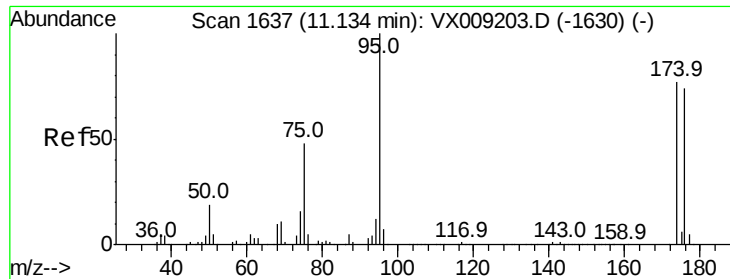
20000

0

9.60 9.65 9.70 9.75

Time-->





#62

4-Bromofluorobenzene

Concen: 50.886 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009645.D

Acq: 17 May 2019 06:47

Instrument :

MSVOA_X

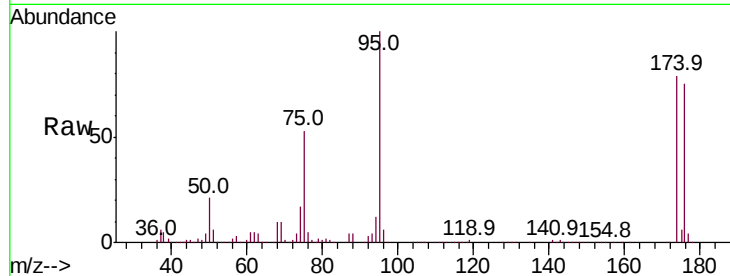
ClientSampleId :

SS052MW100-190514MS

Tot Ion:	95	Resp:	115000
Ion Ratio	Lower	Upper	
95	100		
174	81.7	0.0	161.6
176	79.5	0.0	159.2

Manual Integrations
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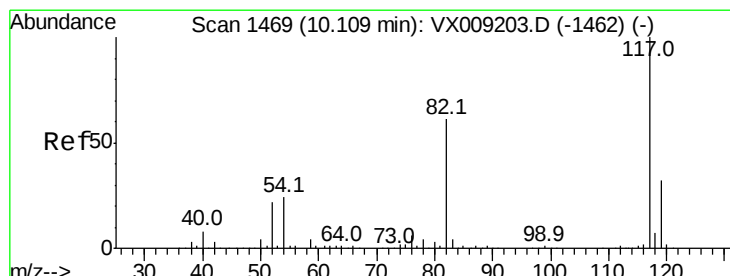
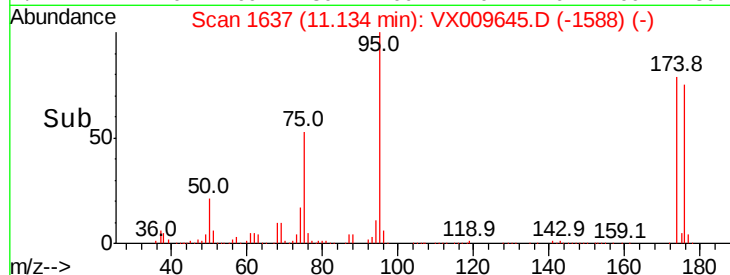
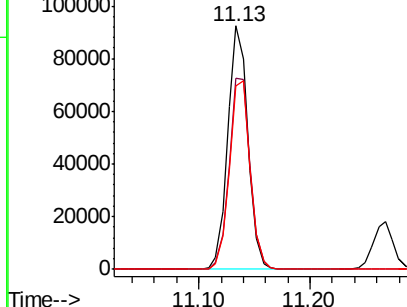
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Abundance Ion 94.90 (94.60 to 95.60): VX009203.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX009203.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX009203.D (-1630) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

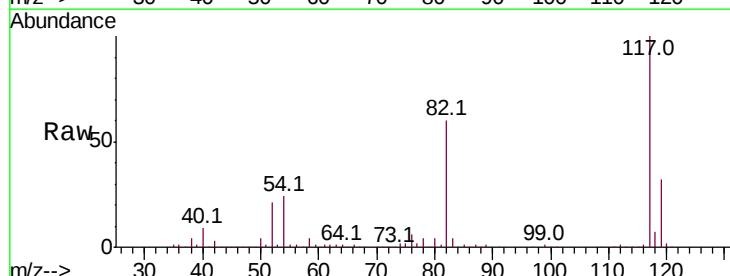
RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX009645.D

Acq: 17 May 2019 06:47

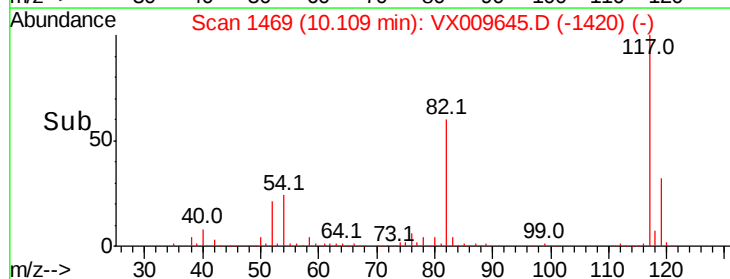
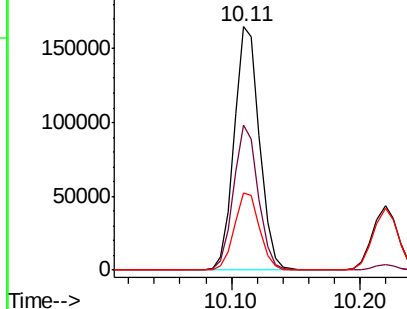
Tgt Ion:	117	Resp:	224708
Ion Ratio	Lower	Upper	
117	100		
82	59.6	48.8	73.2
119	31.7	25.8	38.6

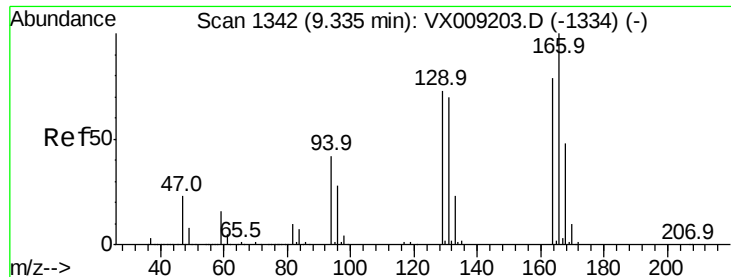


Abundance Ion 116.90 (116.60 to 117.60): VX009203.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX009203.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX009203.D (-1462) (-)





#64

Tetrachloroethene

Concen: 46.354 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX009645.D

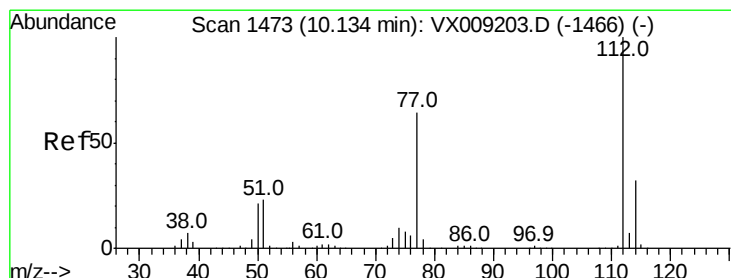
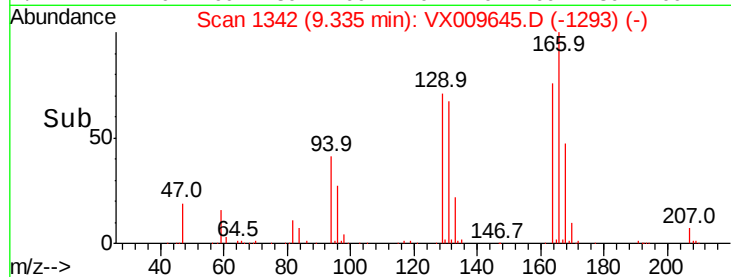
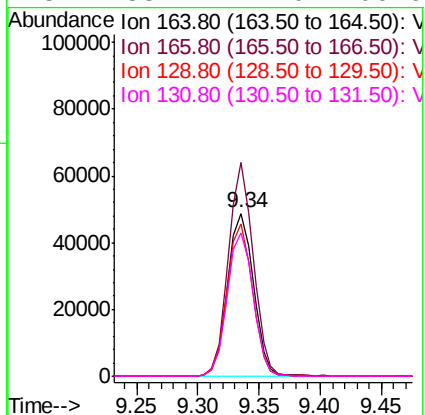
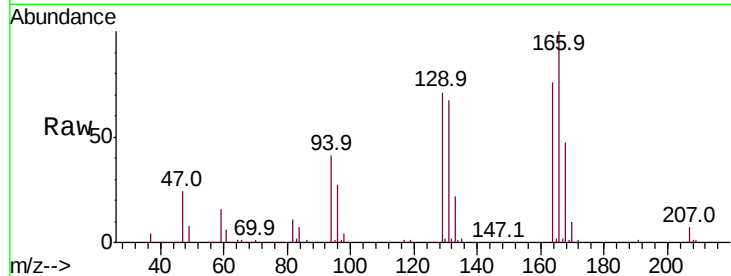
Acq: 17 May 2019 06:47

Instrument :
MSVOA_X
ClientSampleId :
SS052MW100-190514MS

Tot Ion:	164	Resp:	71450
Ion	Ratio	Lower	Upper
164	100		
166	131.3	101.2	151.8
129	93.5	74.3	111.5
131	88.2	71.0	106.6

Manual Integrations
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#65

Chlorobenzene

Concen: 50.209 ug/l

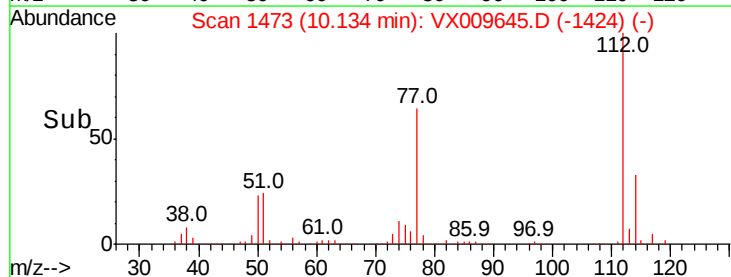
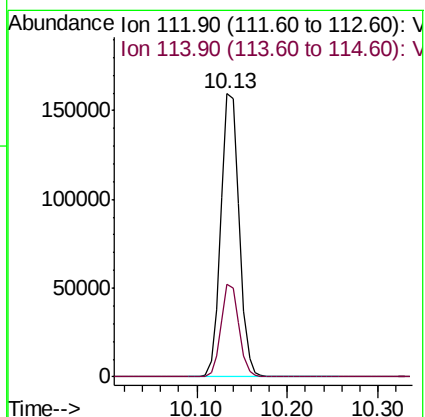
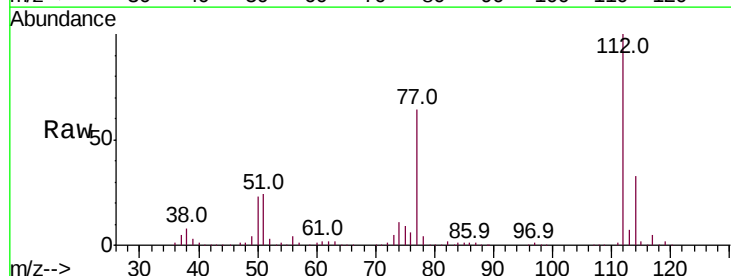
RT: 10.13 min Scan# 1473

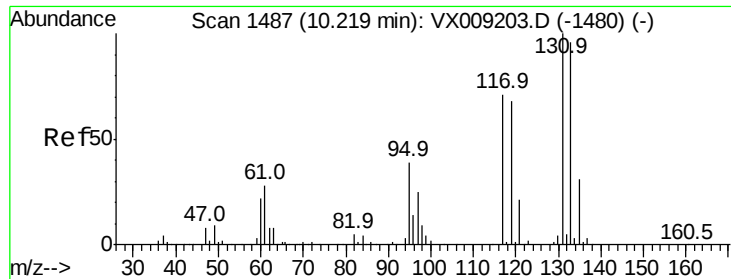
Delta R.T. -0.00 min

Lab File: VX009645.D

Acq: 17 May 2019 06:47

Tgt Ion:	112	Resp:	225697
Ion	Ratio	Lower	Upper
112	100		
114	32.6	25.5	38.3





#66

1,1,1,2-Tetrachloroethane

Concen: 51.477 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX009645.D

Acq: 17 May 2019 06:47

Instrument :

MSVOA_X

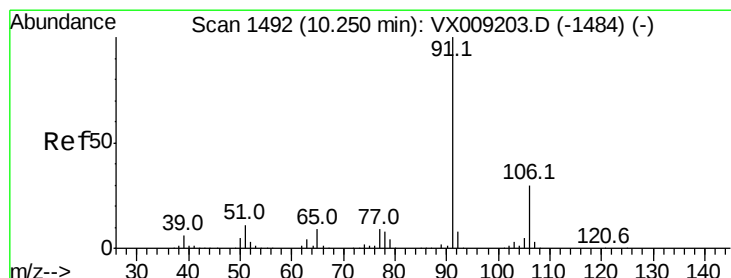
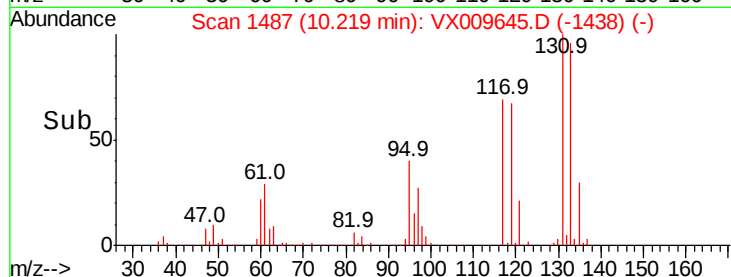
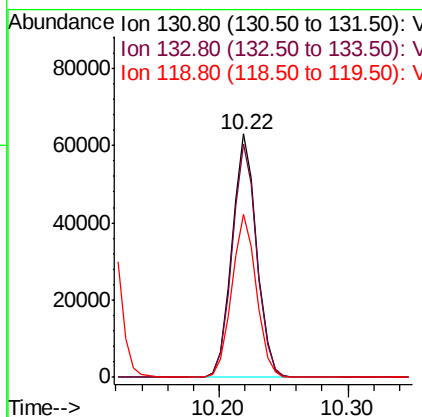
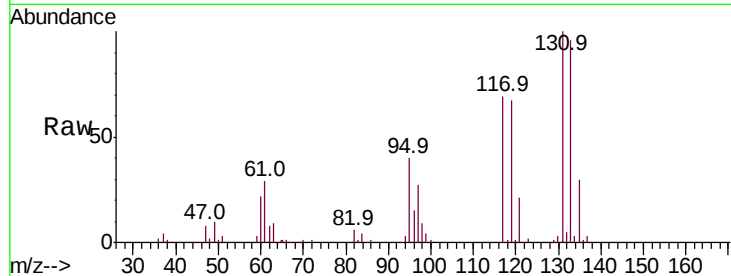
ClientSampleId :

SS052MW100-190514MS

Tot Ion:	131	Resp:	83891
Ion Ratio	Lower	Upper	
131	100		
133	95.8	47.7	143.1
119	67.0	33.5	100.4

Manual Integrations
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#67

Ethyl Benzene

Concen: 49.627 ug/l

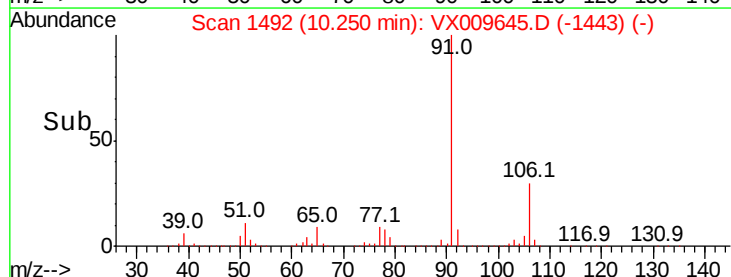
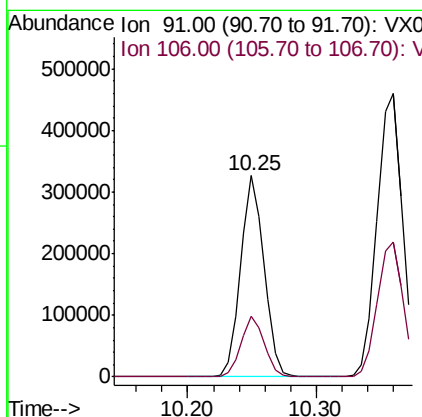
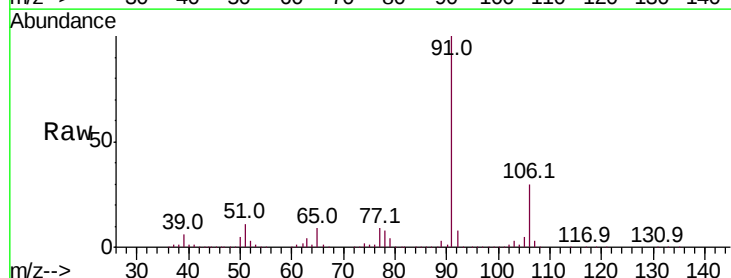
RT: 10.25 min Scan# 1492

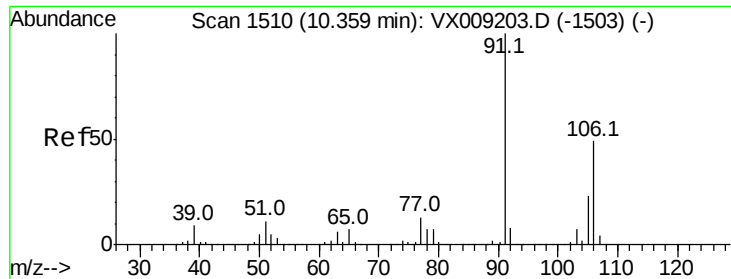
Delta R.T. -0.00 min

Lab File: VX009645.D

Acq: 17 May 2019 06:47

Tgt Ion:	91	Resp:	410553
Ion Ratio	Lower	Upper	
91	100		
106	30.4	24.0	36.0





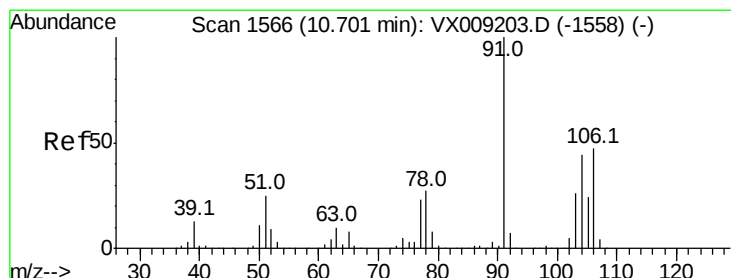
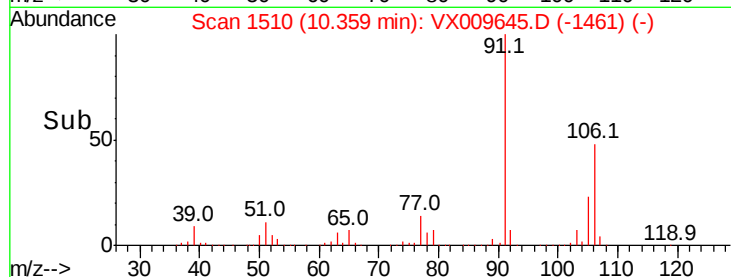
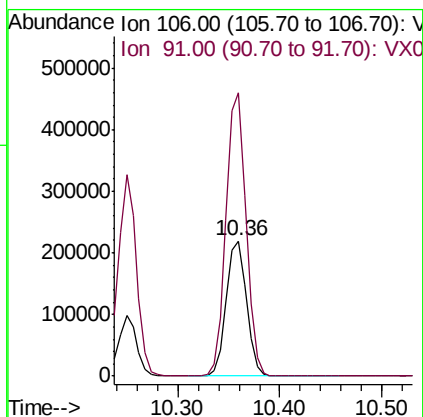
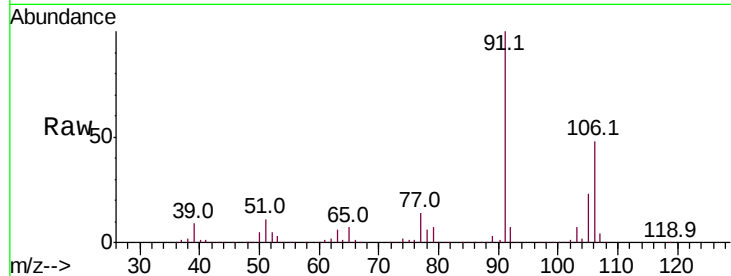
#68
m/p-Xylenes
Concen: 99.891 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX009645.D
Acq: 17 May 2019 06:47

Instrument :
MSVOA_X
ClientSampleId :
SS052MW100-190514MS

Tot Ion:106 Resp: 301986
Ion Ratio Lower Upper
106 100
91 206.9 164.0 246.0

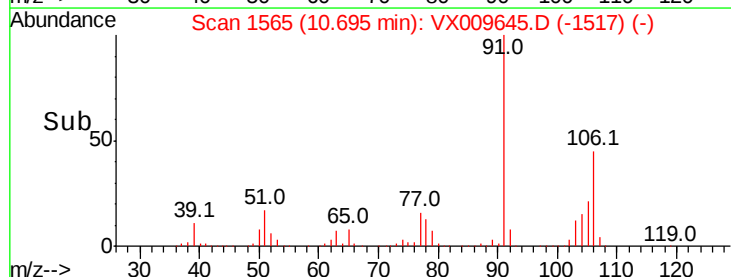
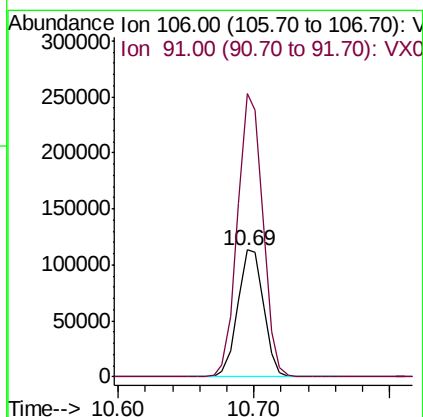
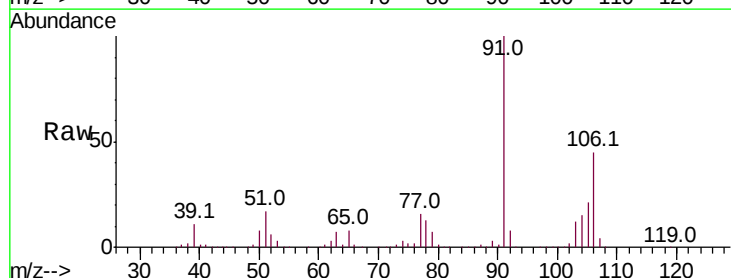
Manual Integrations
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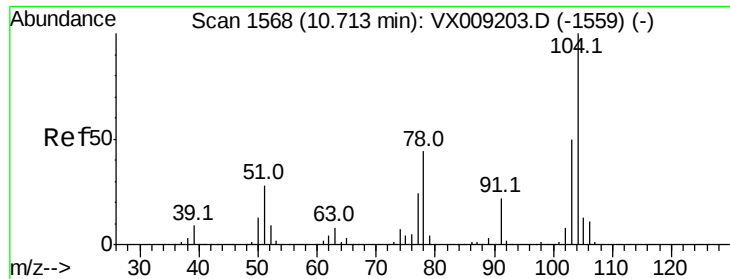
MMDadoda
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#69
o-Xylene
Concen: 50.361 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009645.D
Acq: 17 May 2019 06:47

Tgt Ion:106 Resp: 150217
Ion Ratio Lower Upper
106 100
91 218.2 109.5 328.4





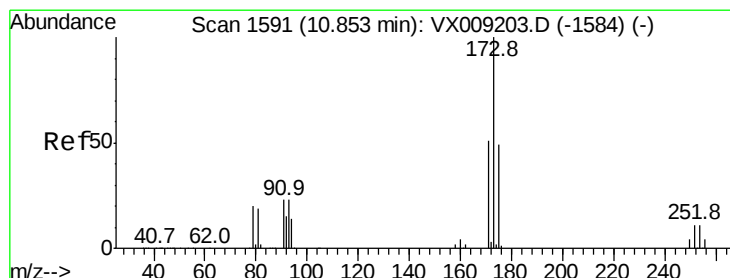
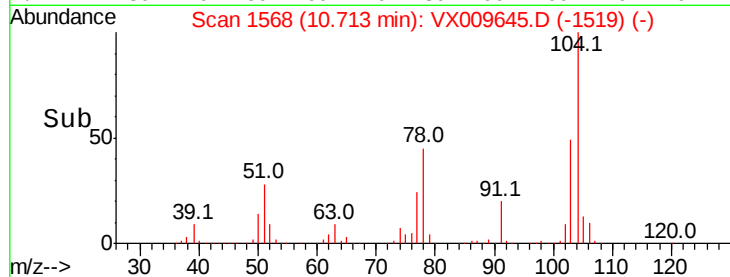
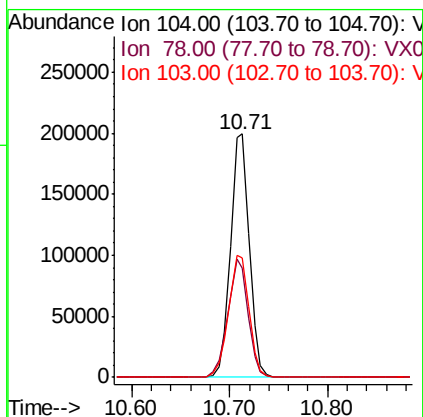
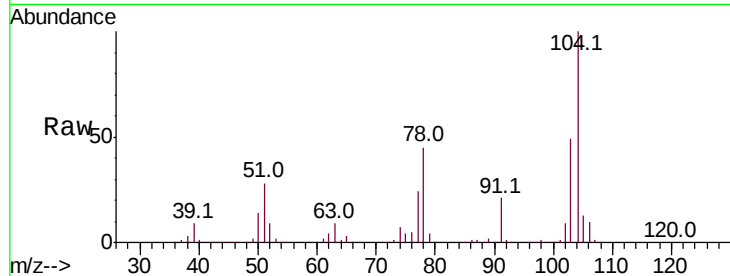
#70
Stvrene
Concen: 51.283 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX009645.D
Acq: 17 May 2019 06:47

Instrument :
MSVOA_X
ClientSampleId :
SS052MW100-190514MS

Tot Ion	Ratio	Lower	Upper
104	100		
78	52.1	41.0	61.4
103	54.9	43.8	65.6

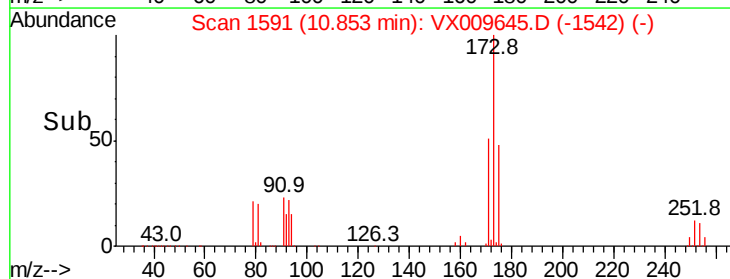
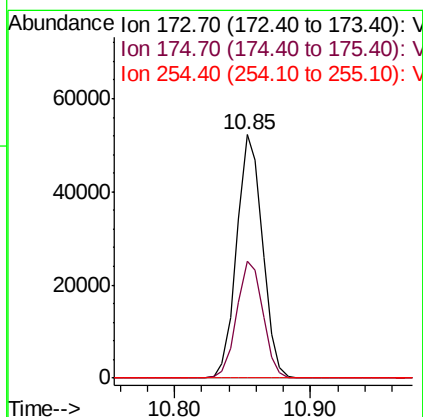
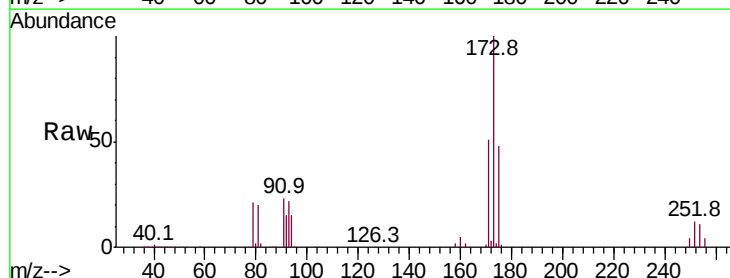
Manual Integrations
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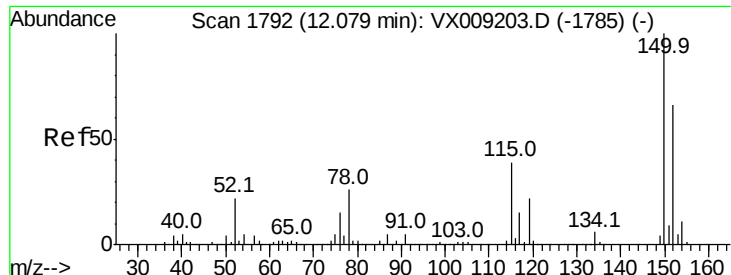
MMDadoda
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#71
Bromoform
Concen: 52.055 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX009645.D
Acq: 17 May 2019 06:47

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.8	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: VX009645.D

Acq: 17 May 2019 06:47

Instrument :

MSVOA_X

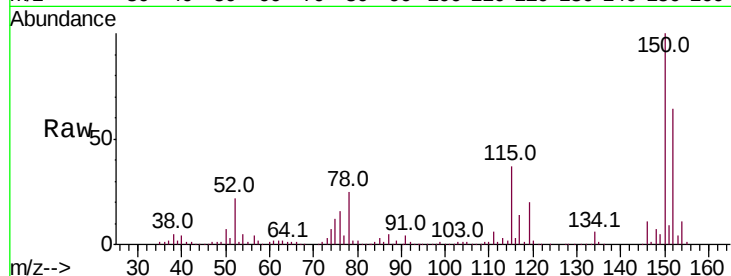
ClientSampleId :

SS052MW100-190514MS

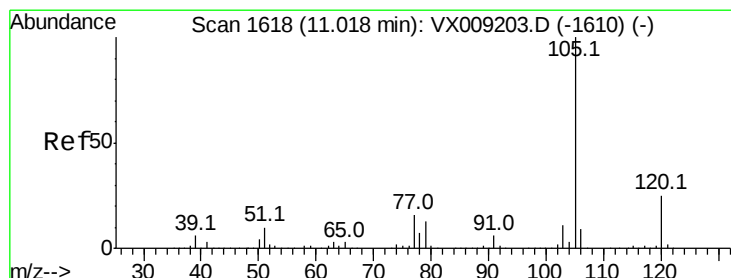
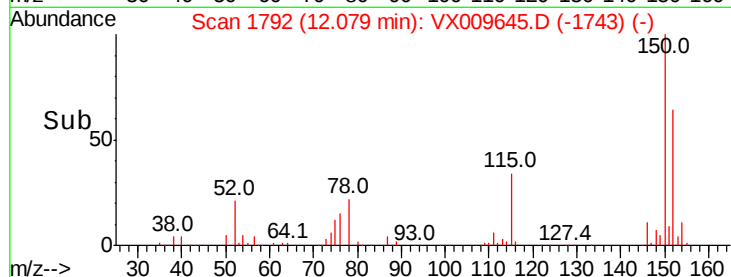
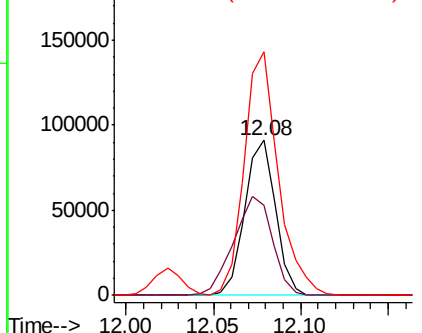
Tot Ion:	152	Resp:	111611
Ion Ratio	Lower	Upper	
152	100		
115	80.2	41.2	123.6
150	174.1	0.0	346.4

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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: 48.244 ug/l

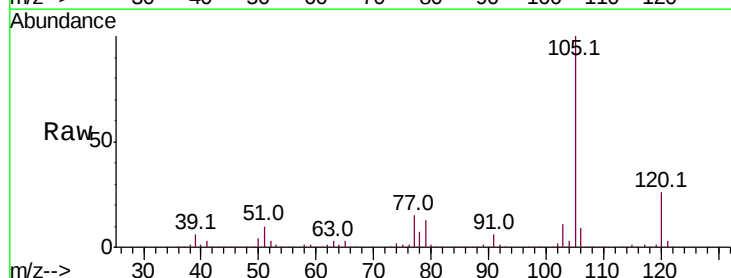
RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

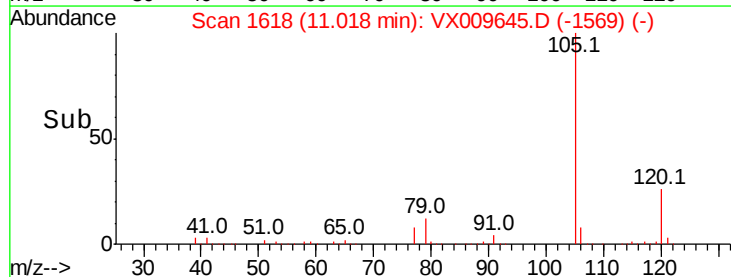
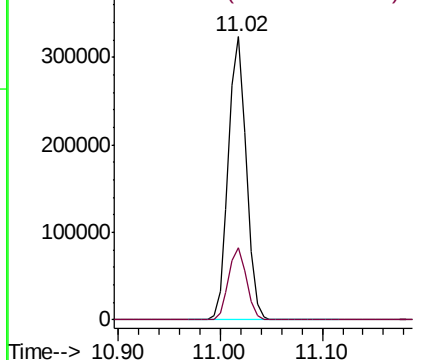
Lab File: VX009645.D

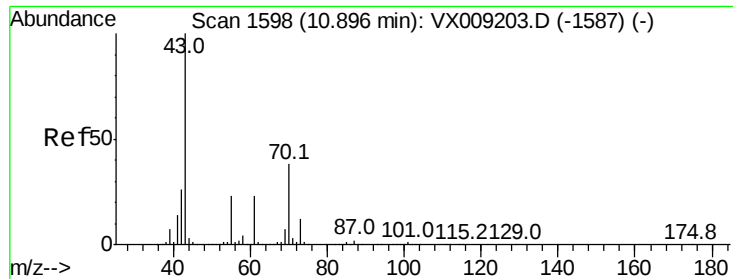
Acq: 17 May 2019 06:47

Tgt Ion:	105	Resp:	391558
Ion Ratio	Lower	Upper	
105	100		
120	25.7	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: 46.887 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009645.D

Acq: 17 May 2019 06:47

Instrument :

MSVOA_X

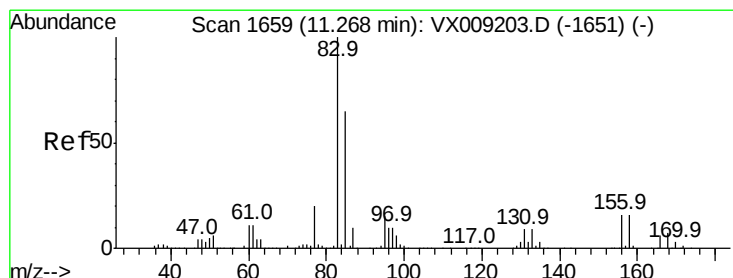
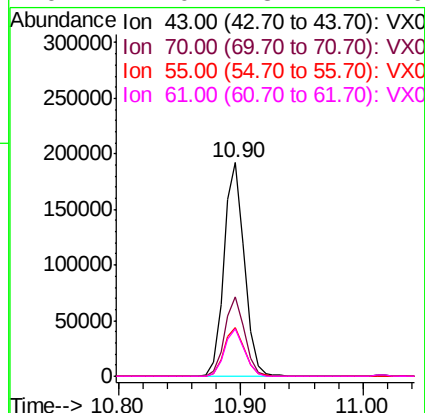
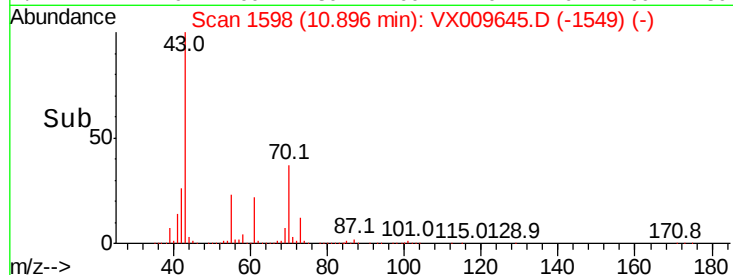
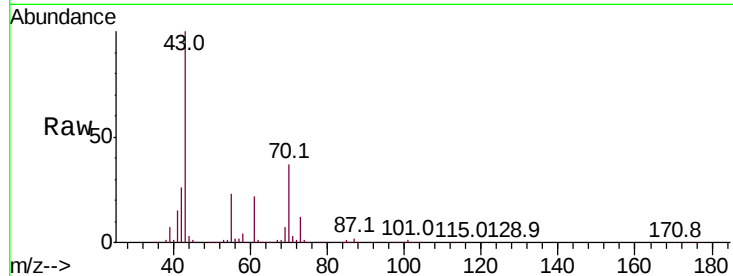
ClientSampleId :

SS052MW100-190514MS

Tot Ion	43	Resp	221863
Ion Ratio	100	Lower	Upper
43	100		
70	36.7	30.0	45.0
55	23.0	17.9	26.9
61	22.0	18.4	27.6

Manual Integrations
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#75

1,1,2,2-Tetrachloroethane

Concen: 51.709 ug/l

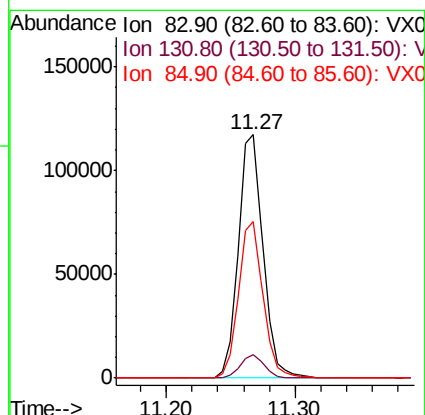
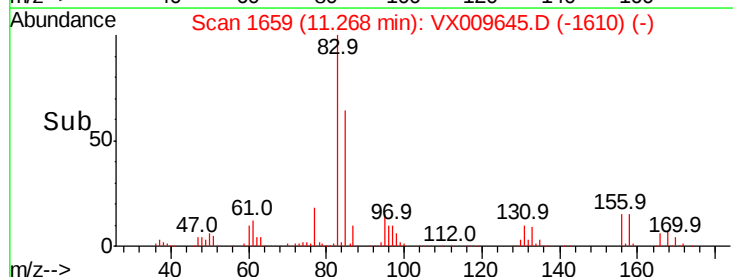
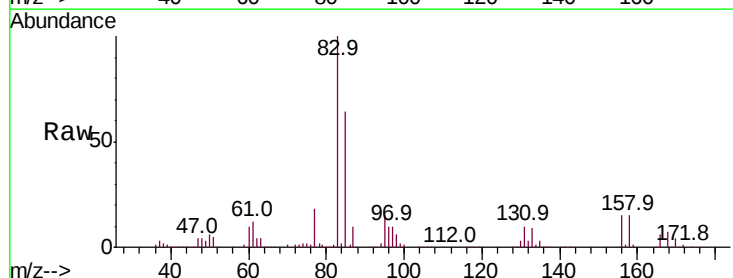
RT: 11.27 min Scan# 1659

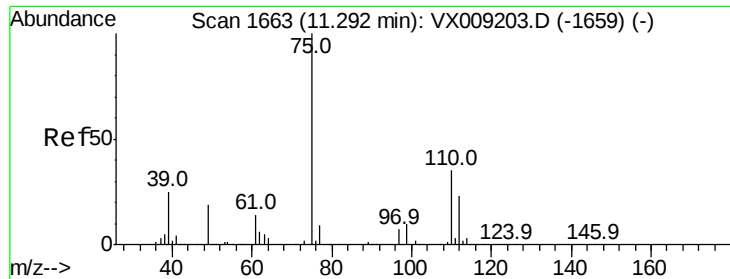
Delta R.T. -0.00 min

Lab File: VX009645.D

Acq: 17 May 2019 06:47

Tgt Ion	83	Resp	156450
Ion Ratio	100	Lower	Upper
83	100		
131	9.4	4.6	13.8
85	64.0	32.0	96.2





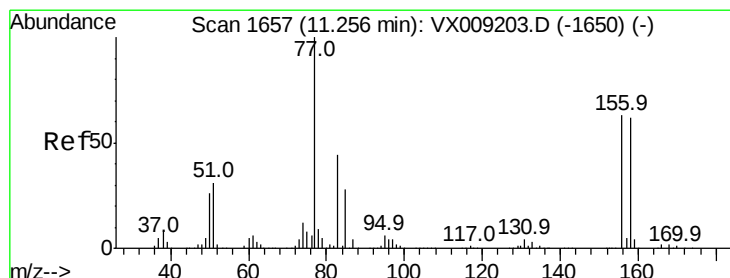
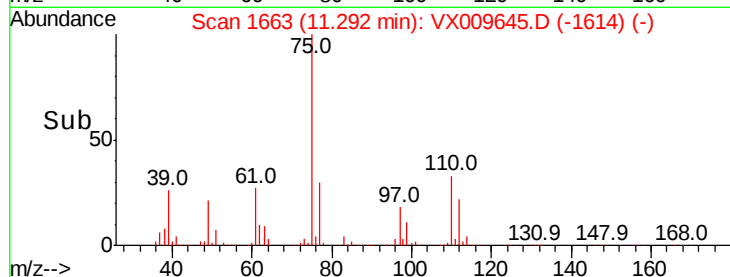
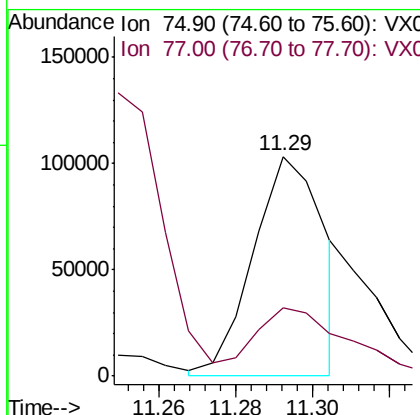
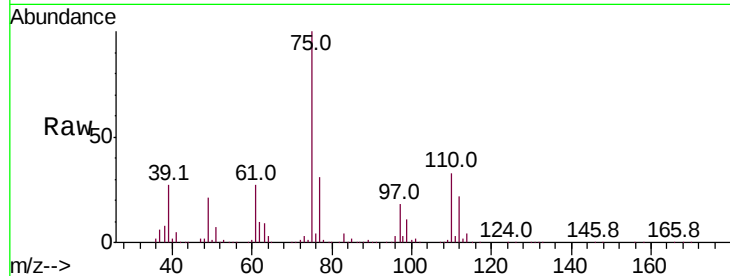
#76
 1,2,3-Trichloropropane
 Concen: 51.105 ug/l m
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: VX009645.D
 Acq: 17 May 2019 06:47

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW100-190514MS

Tot Ion: 75 Resp: 132309
 Ion Ratio Lower Upper
 75 100
 77 41.5 22.1 66.1

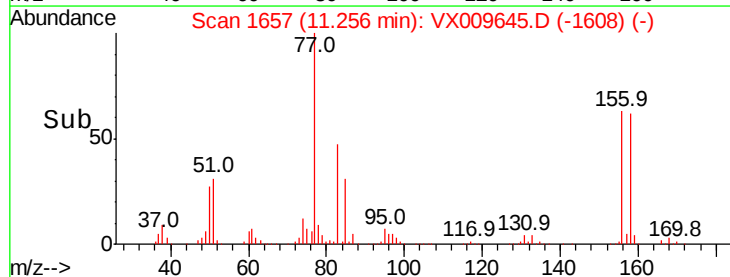
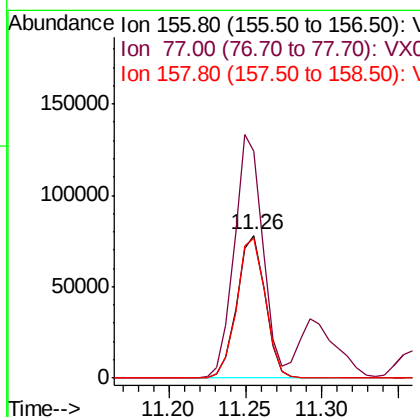
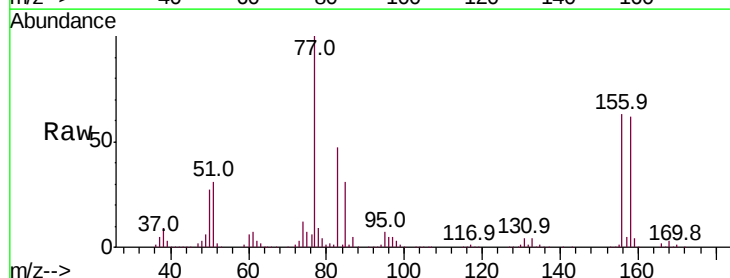
Manual Integrations
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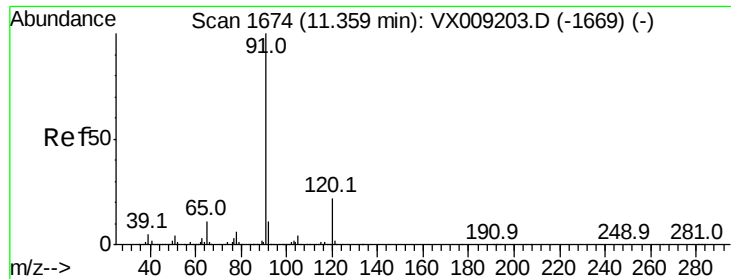
MMDadoda
 5/17/2019 1:21:04 PM



#77
 Bromobenzene
 Concen: 49.568 ug/l
 RT: 11.26 min Scan# 1657
 Delta R.T. -0.00 min
 Lab File: VX009645.D
 Acq: 17 May 2019 06:47

Tgt Ion: 156 Resp: 99853
 Ion Ratio Lower Upper
 156 100
 77 171.4 84.8 254.3
 158 99.4 49.1 147.3





#78

n-propylbenzene

Concen: 48.235 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009645.D

Acq: 17 May 2019 06:47

Instrument :

MSVOA_X

ClientSampleId :

SS052MW100-190514MS

Tot Ion: 91 Resp: 447094

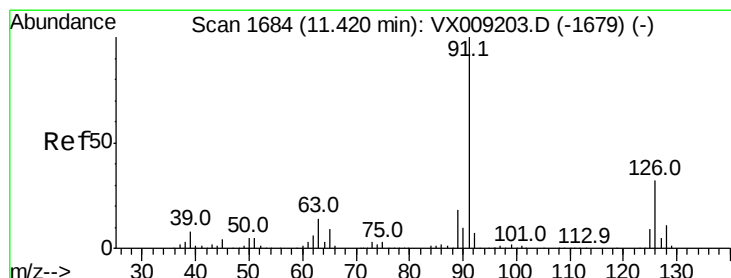
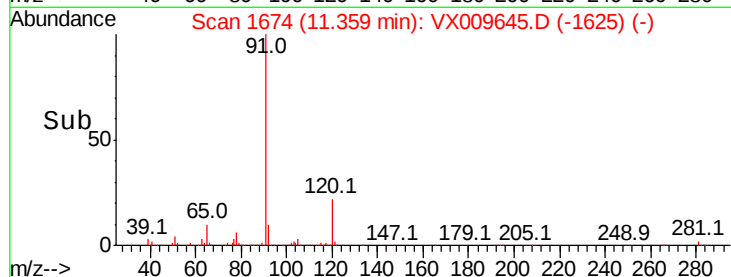
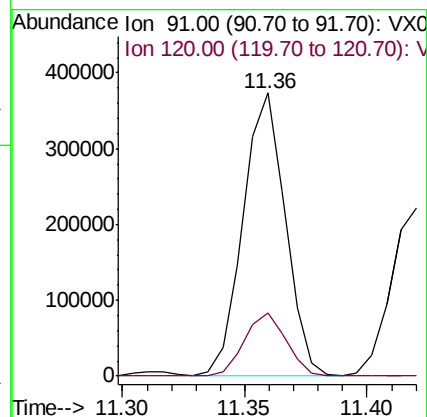
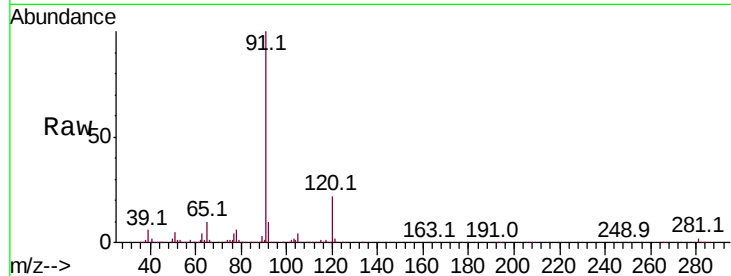
Ion Ratio Lower Upper

91 100

120 22.2 11.0 33.0

Manual Integrations
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#79

2-Chlorotoluene

Concen: 48.069 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX009645.D

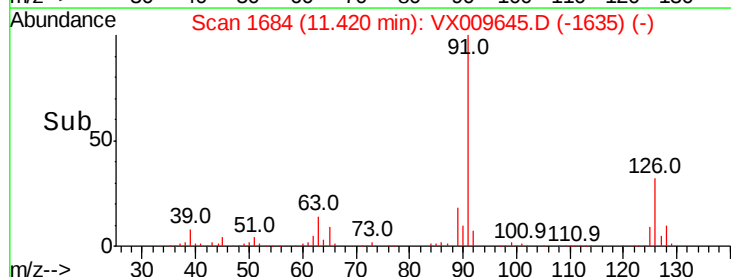
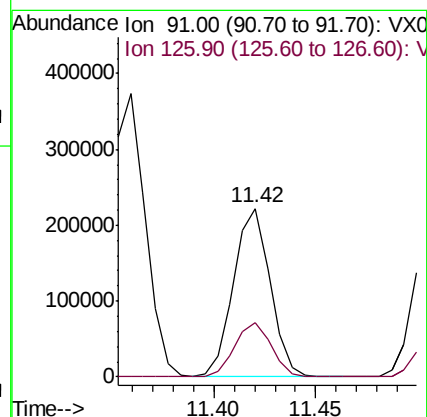
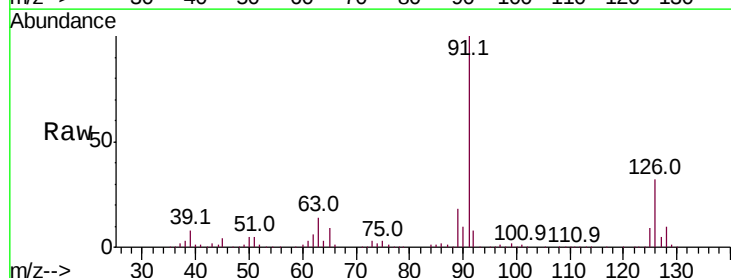
Acq: 17 May 2019 06:47

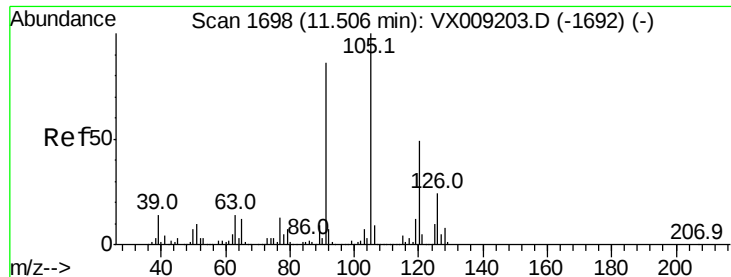
Tgt Ion: 91 Resp: 274887

Ion Ratio Lower Upper

91 100

126 32.4 16.3 48.9





#80

1,3,5-Trimethylbenzene

Concen: 48.775 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009645.D

Acq: 17 May 2019 06:47

Instrument :

MSVOA_X

ClientSampleId :

SS052MW100-190514MS

Tot Ion:105 Resp: 333321

Ion Ratio Lower Upper

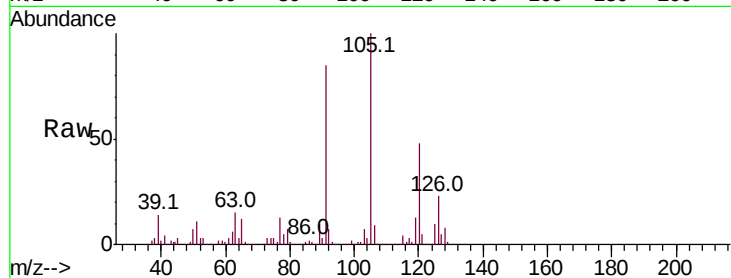
105 100

120 48.0 24.3 72.9

Manual Integrations
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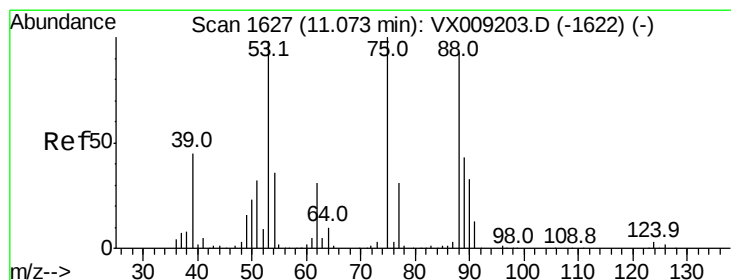
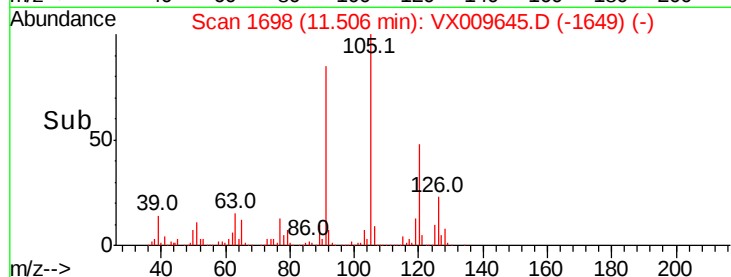
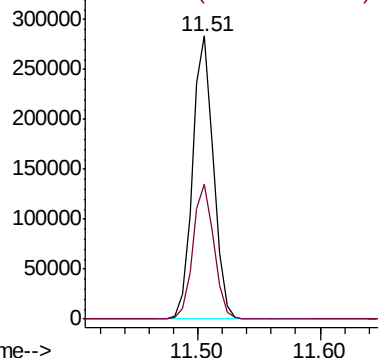
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 42.031 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX009645.D

Acq: 17 May 2019 06:47

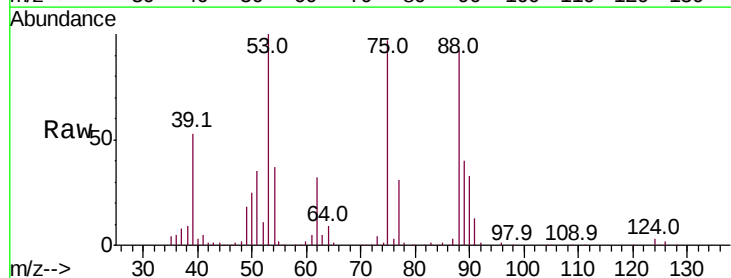
Tgt Ion: 75 Resp: 42529

Ion Ratio Lower Upper

75 100

53 103.0 79.0 118.6

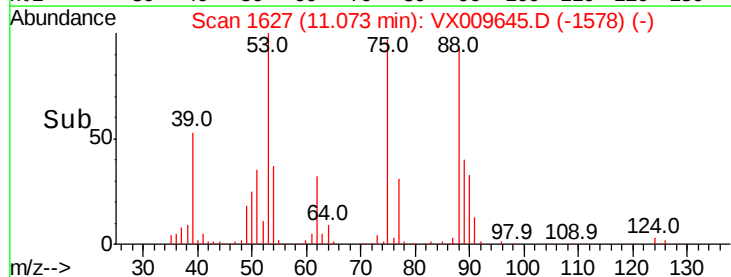
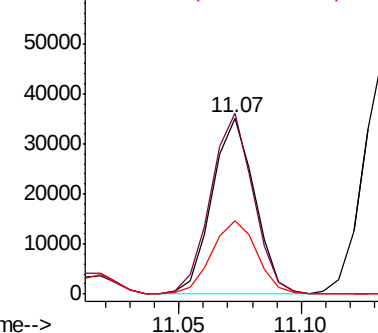
89 44.1 34.7 52.1

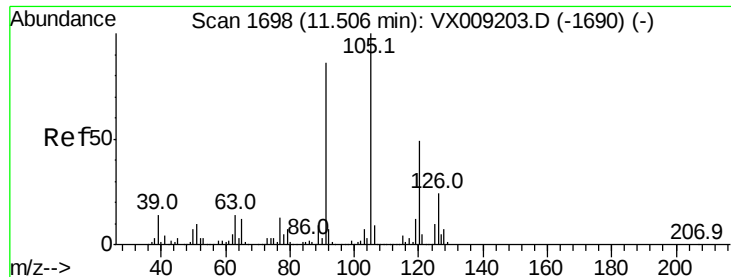


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





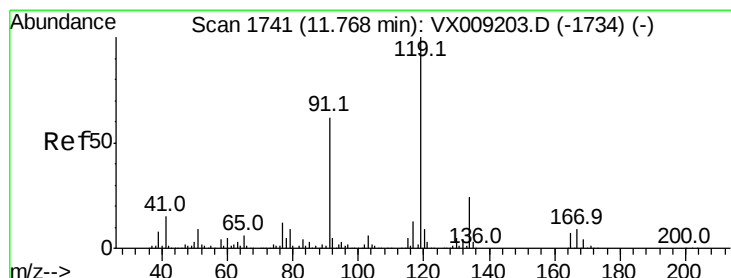
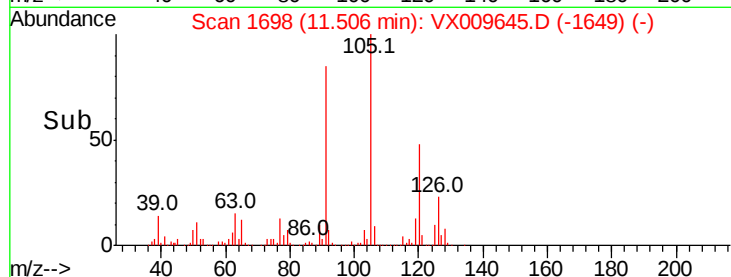
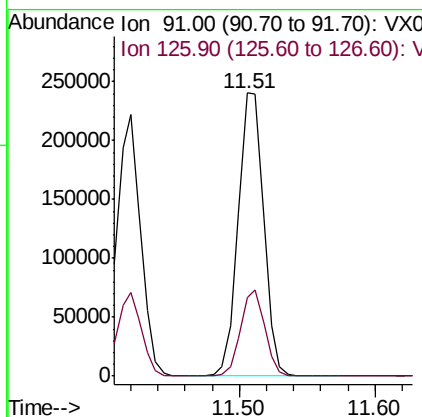
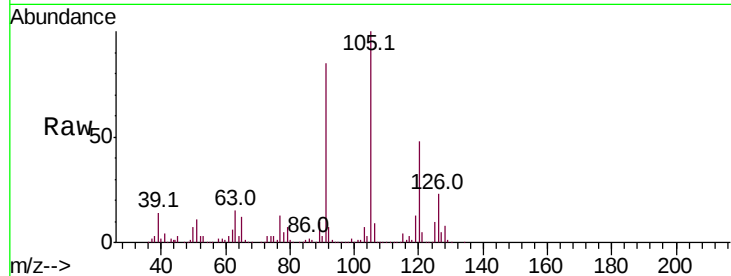
#82
4-Chlorotoluene
Concen: 48.503 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX009645.D
Acq: 17 May 2019 06:47

Instrument :
MSVOA_X
ClientSampleId :
SS052MW100-190514MS

Tot Ion	Ratio	Lower	Upper
91	100		
126	29.2	14.5	43.6

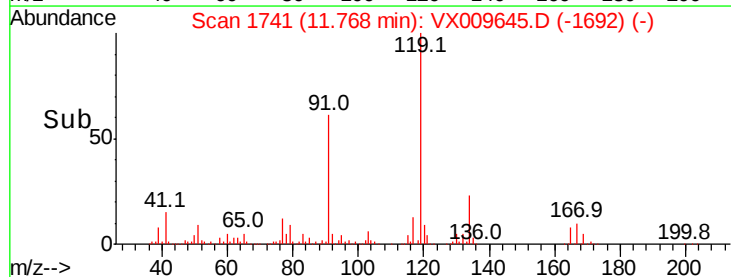
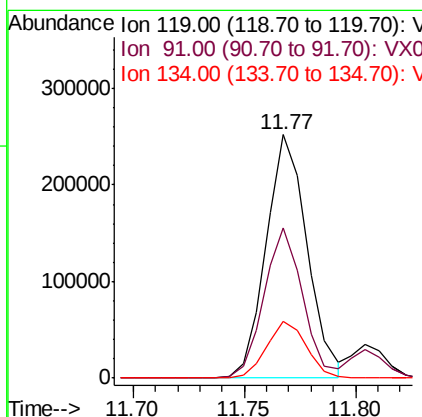
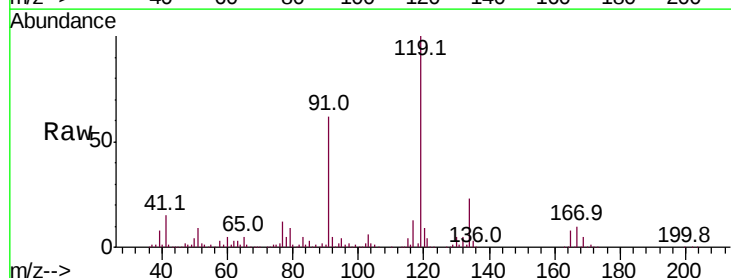
Manual Integrations
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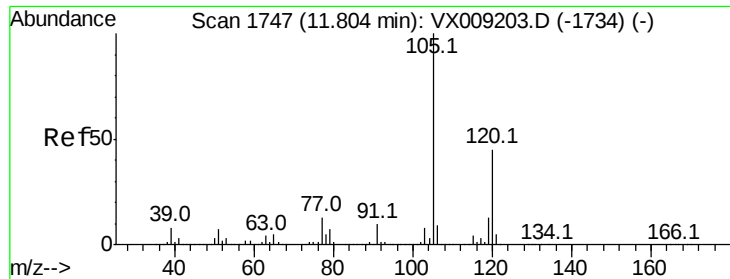
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#83
tert-Butylbenzene
Concen: 48.514 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX009645.D
Acq: 17 May 2019 06:47

Tgt Ion	Ratio	Lower	Upper
119	100		
91	58.4	29.5	88.5
134	22.5	11.4	34.1





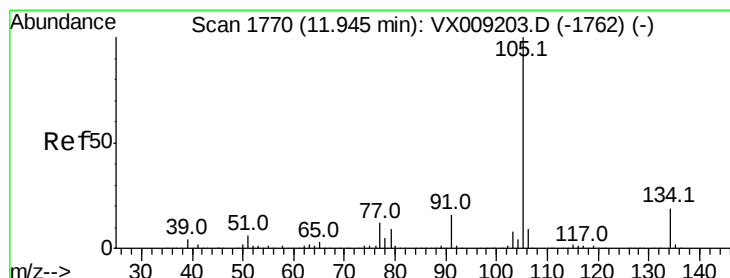
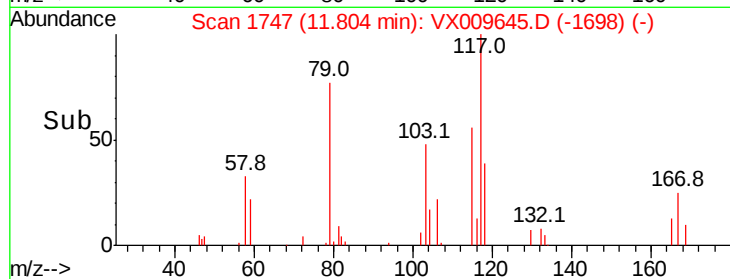
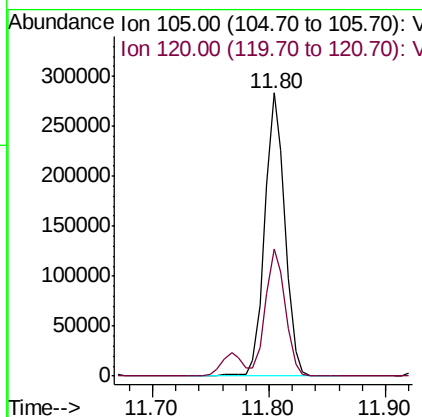
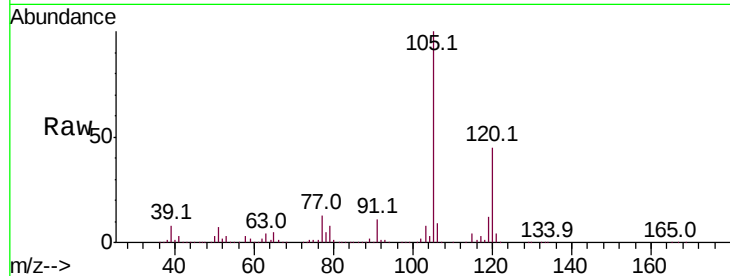
#84
 1,2,4-Trimethylbenzene
 Concen: 49.216 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX009645.D
 Acq: 17 May 2019 06:47

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW100-190514MS

Tot Ion:105 Resp: 337593
 Ion Ratio Lower Upper
 105 100
 120 43.9 22.0 66.0

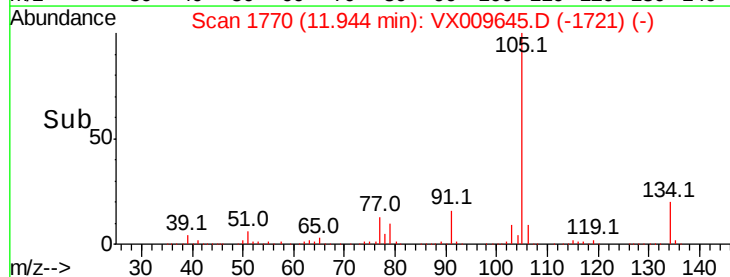
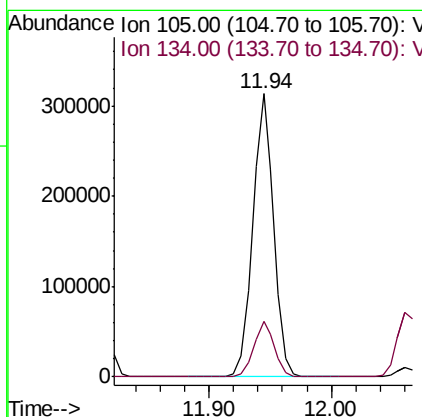
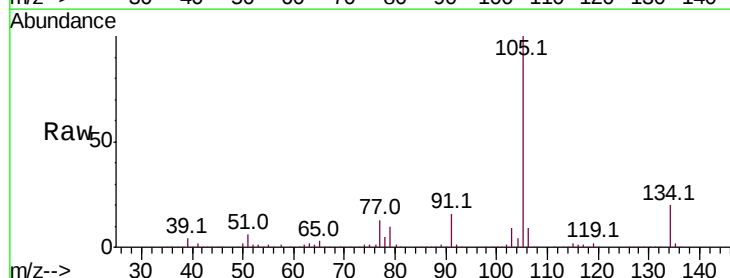
Manual Integrations
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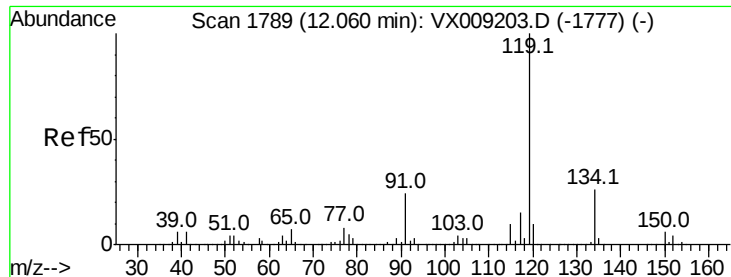
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#85
 sec-Butylbenzene
 Concen: 47.096 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX009645.D
 Acq: 17 May 2019 06:47

Tgt Ion:105 Resp: 371194
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.7 28.9





#86

p-Isopropyltoluene

Concen: 47.523 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX009645.D

Acq: 17 May 2019 06:47

Instrument :

MSVOA_X

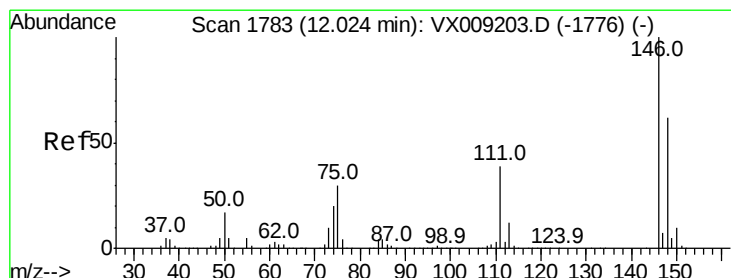
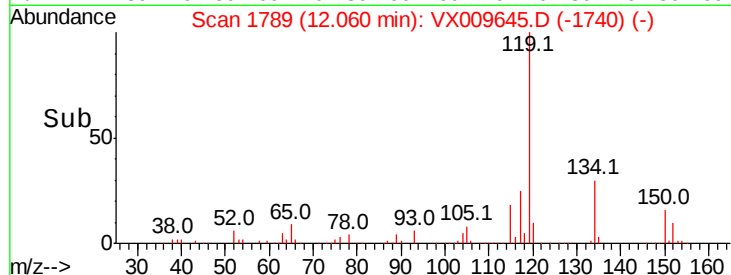
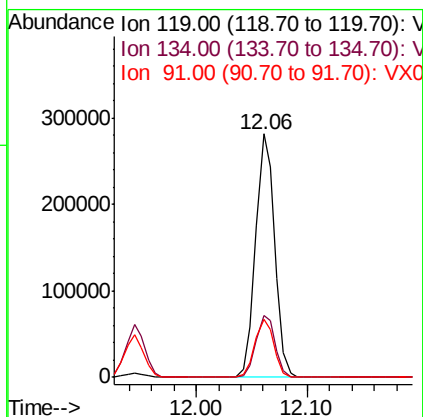
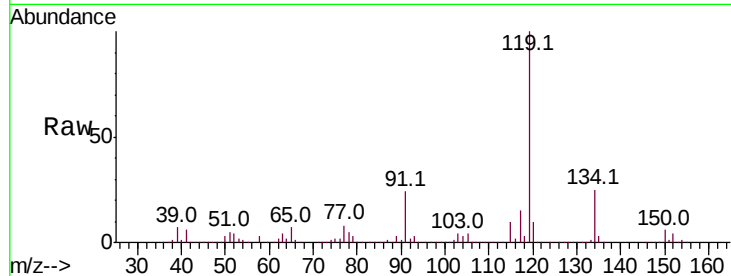
ClientSampleId :

SS052MW100-190514MS

Tot Ion:	119	Resp:	336725
Ion Ratio	Lower	Upper	
119	100		
134	25.7	12.9	38.7
91	23.9	11.8	35.4

Manual Integrations
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#87

1,3-Dichlorobenzene

Concen: 49.507 ug/l

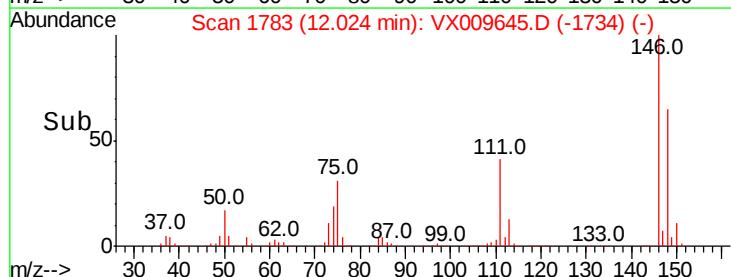
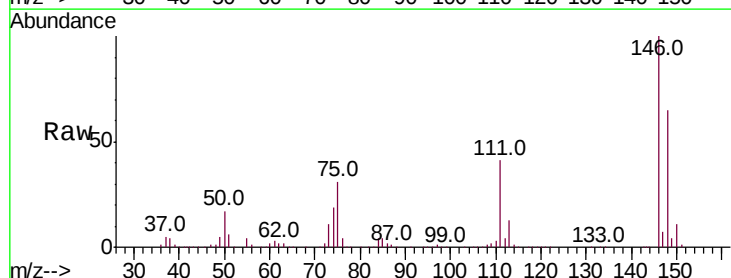
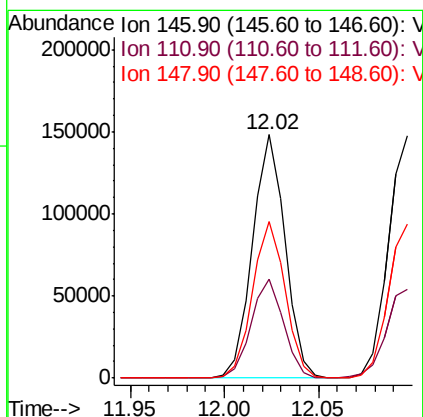
RT: 12.02 min Scan# 1783

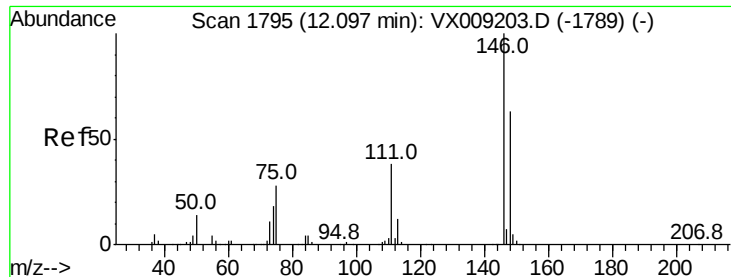
Delta R.T. -0.00 min

Lab File: VX009645.D

Acq: 17 May 2019 06:47

Tgt Ion:	146	Resp:	177790
Ion Ratio	Lower	Upper	
146	100		
111	40.6	20.0	59.9
148	64.5	31.8	95.3





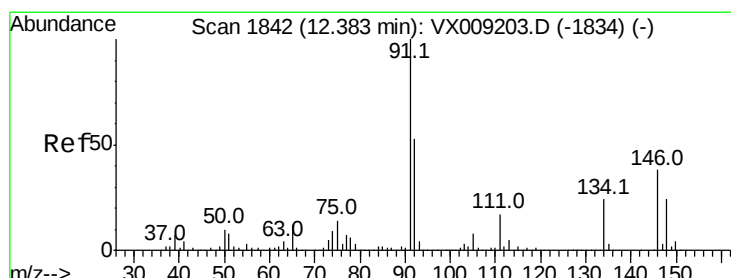
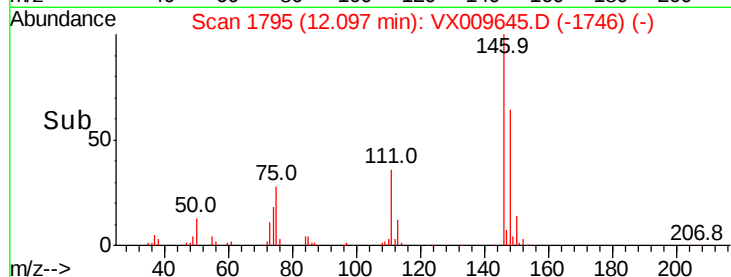
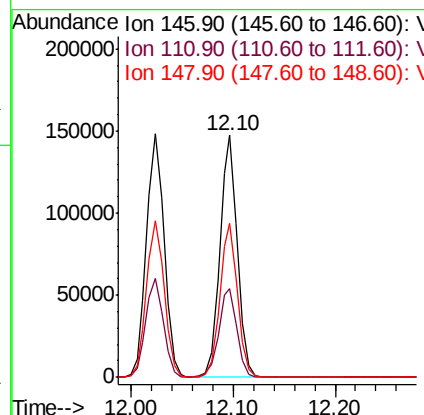
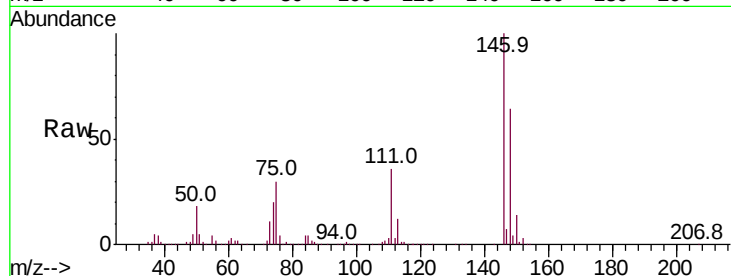
#88
 1,4-Dichlorobenzene
 Concen: 48.980 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX009645.D
 Acq: 17 May 2019 06:47

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW100-190514MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.6	58.8
148	64.2	31.8	95.3

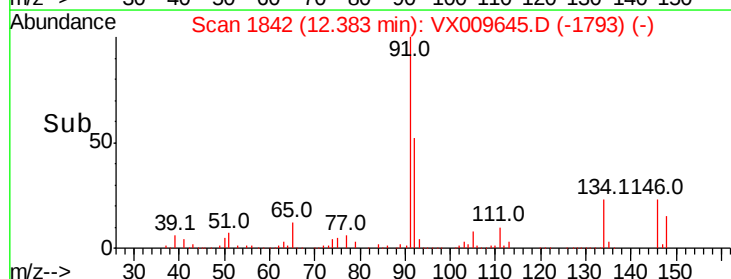
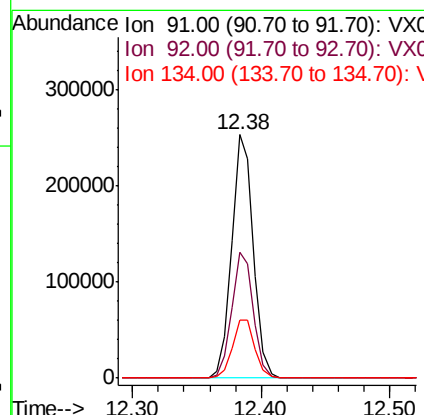
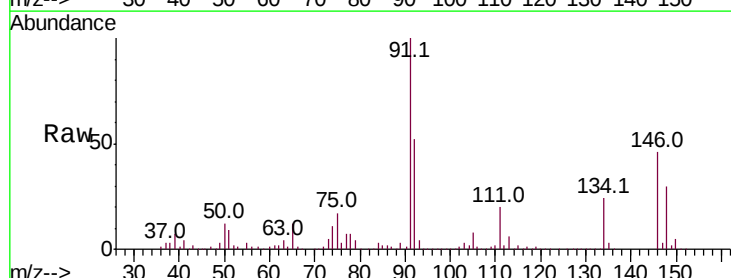
Manual Integrations
 APPROVED

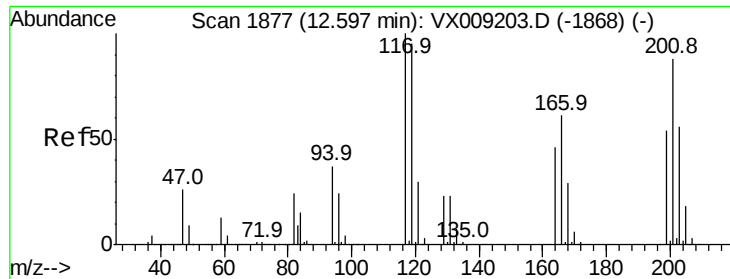
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 5/17/2019 1:21:04 PM



#89
 n-Butylbenzene
 Concen: 46.479 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: VX009645.D
 Acq: 17 May 2019 06:47

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.5	79.5
134	24.6	12.4	37.2





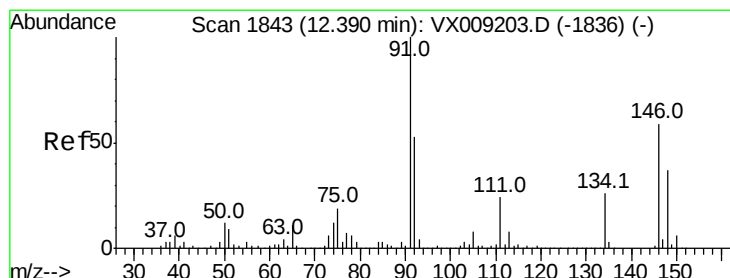
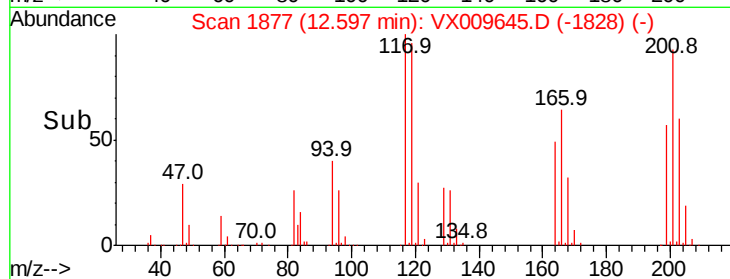
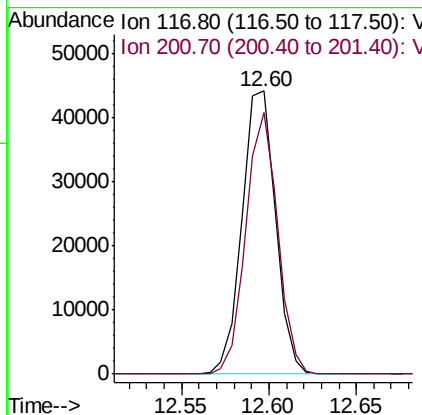
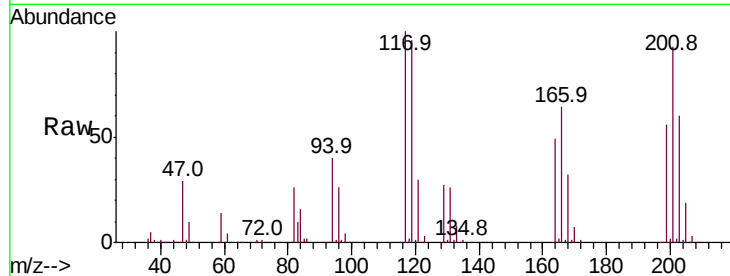
#90
Hexachloroethane
Concen: 48.929 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX009645.D
Acq: 17 May 2019 06:47

Instrument :
MSVOA_X
ClientSampleId :
SS052MW100-190514MS

Tot Ion:117 Resp: 59064
Ion Ratio Lower Upper
117 100
201 87.6 42.3 126.9

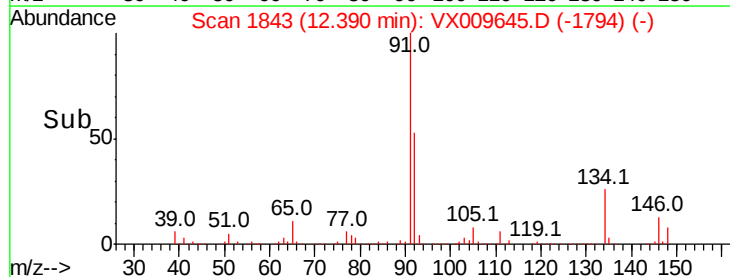
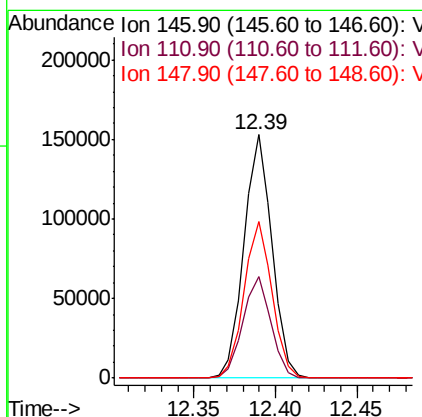
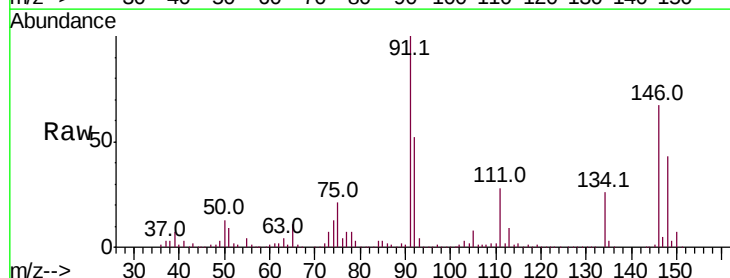
Manual Integrations
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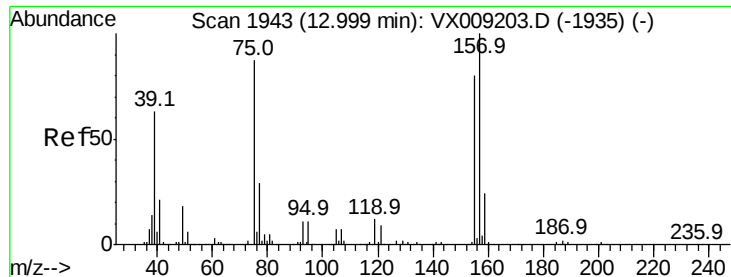
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#91
1,2-Dichlorobenzene
Concen: 50.237 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX009645.D
Acq: 17 May 2019 06:47

Tgt Ion:146 Resp: 183755
Ion Ratio Lower Upper
146 100
111 41.7 20.8 62.4
148 64.5 31.9 95.9





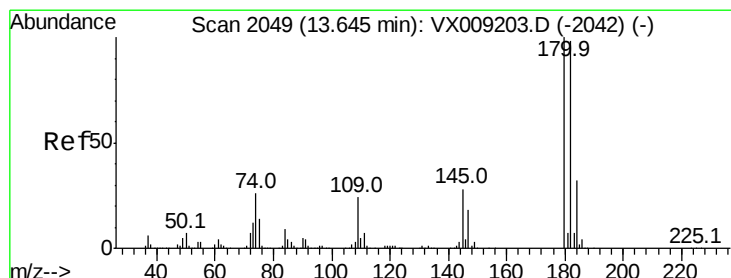
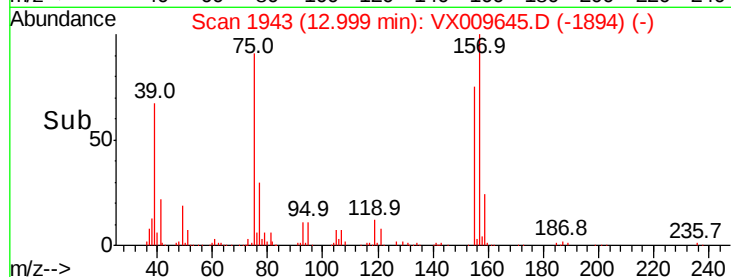
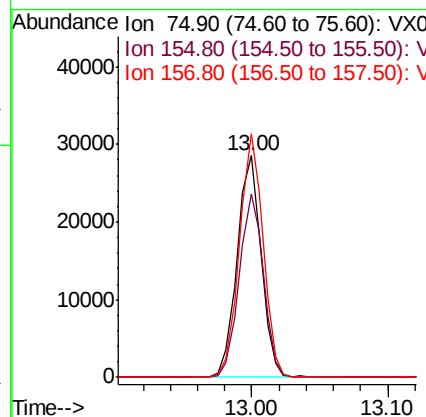
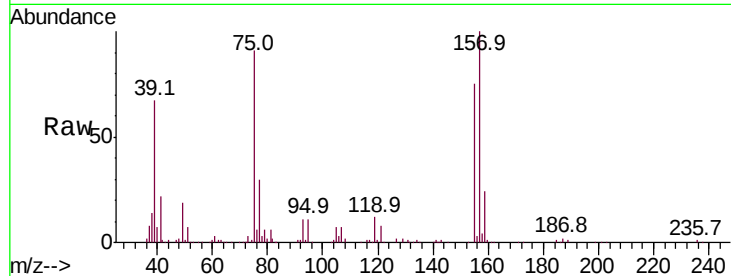
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.887 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX009645.D
 Acq: 17 May 2019 06:47

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW100-190514MS

Tot Ion: 75 Resp: 35217
 Ion Ratio Lower Upper
 75 100
 155 82.7 42.0 126.0
 157 107.3 53.2 159.6

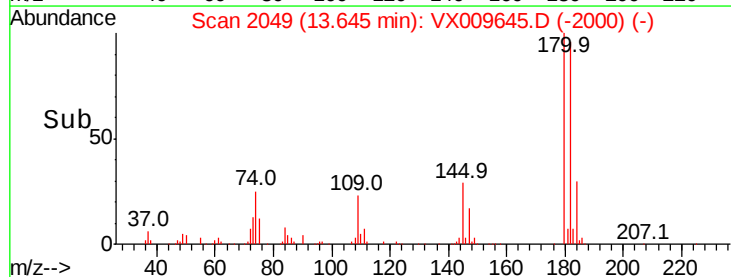
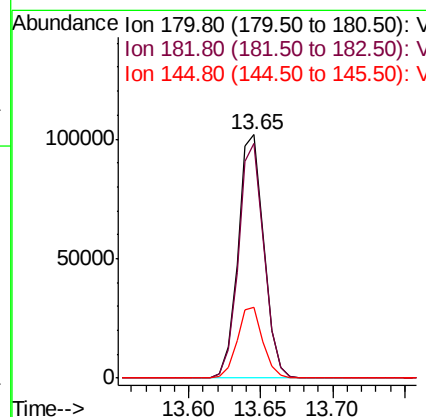
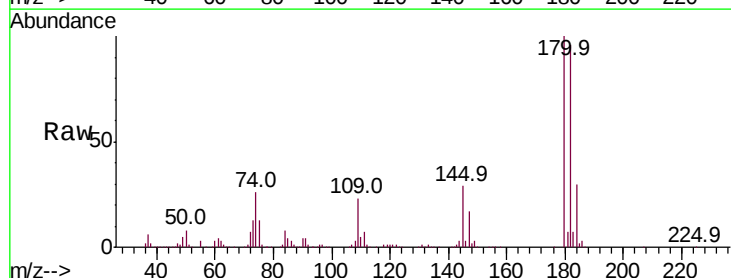
Manual Integrations
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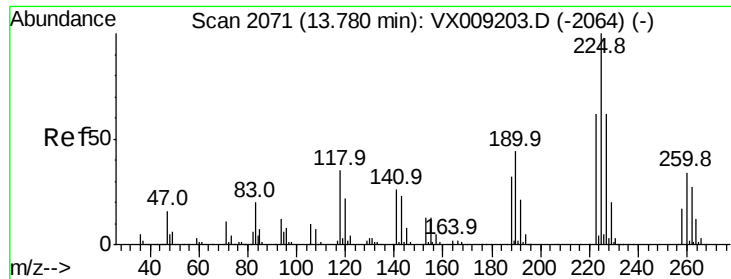
MMDadoda
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#93
 1,2,4-Trichlorobenzene
 Concen: 50.884 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX009645.D
 Acq: 17 May 2019 06:47

Tgt Ion:180 Resp: 127276
 Ion Ratio Lower Upper
 180 100
 182 95.2 48.4 145.2
 145 29.0 14.6 43.8





#94

Hexachlorobutadiene

Concen: 45.727 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VX009645.D

Acq: 17 May 2019 06:47

Instrument :

MSVOA_X

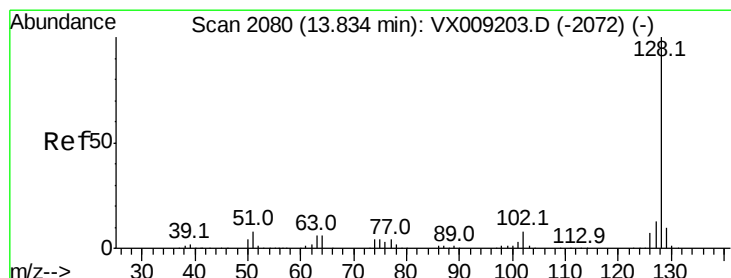
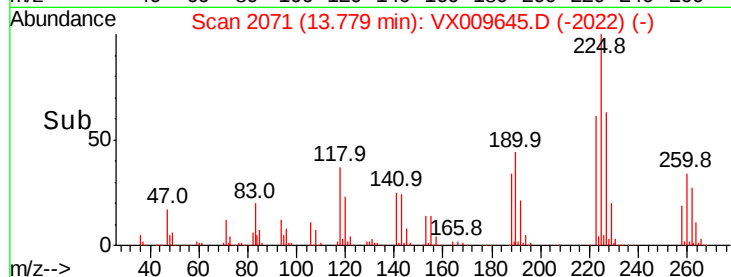
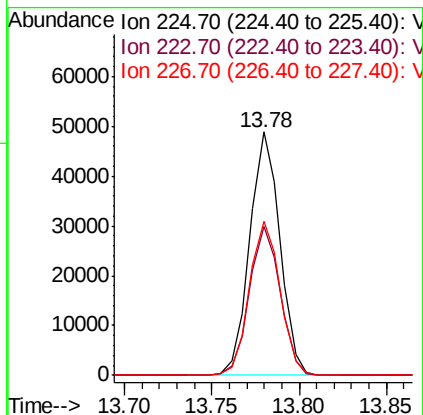
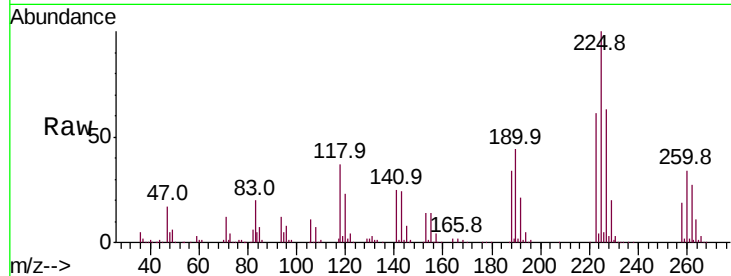
ClientSampleId :

SS052MW100-190514MS

Tot Ion:	225	Resp:	58408
Ion Ratio	Lower	Upper	
225	100		
223	62.6	31.3	93.8
227	64.6	31.8	95.3

Manual Integrations
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#95

Naphthalene

Concen: 51.963 ug/l

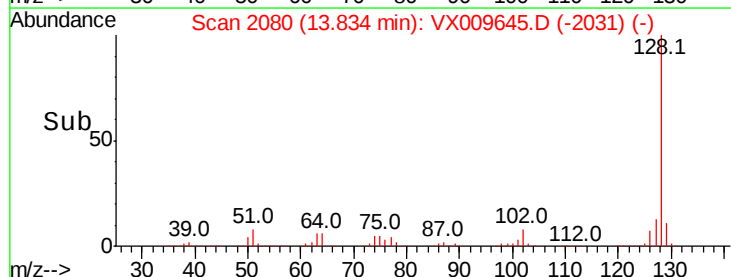
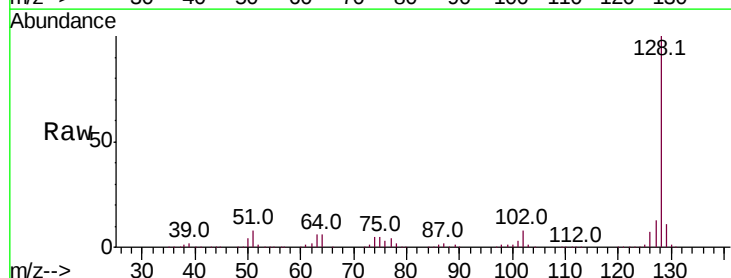
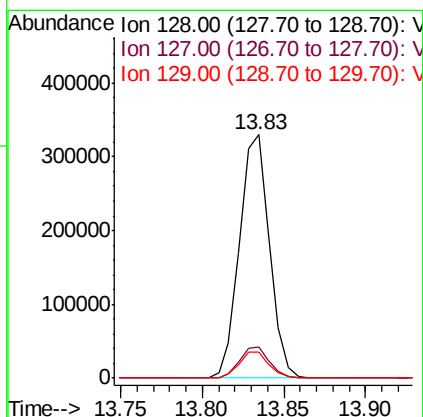
RT: 13.83 min Scan# 2080

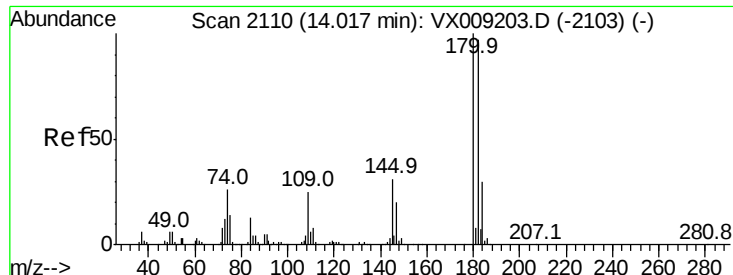
Delta R.T. -0.00 min

Lab File: VX009645.D

Acq: 17 May 2019 06:47

Tgt Ion:	128	Resp:	422864
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.4	15.6
129	10.8	8.6	13.0





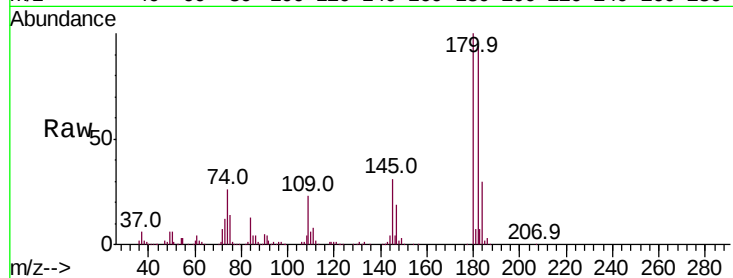
#96
 1,2,3-Trichlorobenzene
 Concen: 51.130 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VX009645.D
 Acq: 17 May 2019 06:47

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW100-190514MS

Tot Ion	Ratio	Resp Lower	Upper
180	100		
182	94.9	47.8	143.4
145	30.6	15.4	46.4

Manual Integrations
 APPROVED

MMDadoda
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Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

