

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050319\
 Data File : VX009335.D
 Acq On : 04 May 2019 01:13
 Operator : JC/SP
 Sample : K2663-05MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW113-190430MSD

Manual Integrations
 APPROVED

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 5/6/2019 9:25:10 AM

Quant Time: May 04 07:01:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:03:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	163579	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	271374	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	246766	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	122512	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	113314	50.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.48%	
35) Dibromofluoromethane	5.50	113	83697	49.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.12%	
50) Toluene-d8	8.71	98	334717	48.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.20%	
62) 4-Bromofluorobenzene	11.13	95	124299	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	64058	42.496	ug/l	97
3) Chloromethane	1.32	50	94013	45.682	ug/l	99
4) Vinyl Chloride	1.41	62	94278	46.979	ug/l	97
5) Bromomethane	1.64	94	54846	45.534	ug/l	97
6) Chloroethane	1.71	64	58304	45.251	ug/l	98
7) Trichlorofluoromethane	1.92	101	115454	47.329	ug/l	99
8) Diethyl Ether	2.19	74	57170	49.477	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	68288	44.579	ug/l	99
10) Methyl Iodide	2.51	142	82396	46.634	ug/l	100
11) Tert butyl alcohol	3.05	59	147537	285.429	ug/l	100
12) 1,1-Dichloroethene	2.37	96	73023	47.577	ug/l	94
13) Acrolein	2.29	56	117455	250.909	ug/l	100
14) Allyl chloride	2.73	41	179648	48.029	ug/l	98
15) Acrylonitrile	3.14	53	339847	268.898	ug/l	99
16) Acetone	2.45	43	293867	245.081	ug/l	99
17) Carbon Disulfide	2.57	76	200483	46.525	ug/l	99
18) Methyl Acetate	2.77	43	158701	55.653	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	300582	50.432	ug/l	99
20) Methylene Chloride	2.85	84	91580	47.171	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	80038	48.084	ug/l	97
22) Diisopropyl ether	3.85	45	362487	50.393	ug/l	98
23) Vinyl Acetate	3.81	43	1610992	261.538	ug/l	99
24) 1,1-Dichloroethane	3.70	63	172430	48.592	ug/l	99
25) 2-Butanone	4.67	43	511564	274.547	ug/l	99
26) 2,2-Dichloropropane	4.58	77	104004	39.376	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	99677	50.169	ug/l	98
28) Bromochloromethane	5.02	49	73923	51.852	ug/l	98
29) Tetrahydrofuran	5.13	42	341291	284.640	ug/l	99
30) Chloroform	5.21	83	158679	49.442	ug/l	99
31) Cyclohexane	5.58	56	149908	45.407	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	128782	48.202	ug/l	99
36) 1,1-Dichloropropene	5.80	75	118304	46.910	ug/l	99
37) Ethyl Acetate	4.84	43	184832	52.602	ug/l	99
38) Carbon Tetrachloride	5.78	117	106920	46.663	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	130373	42.095	ug/l	99
40) Benzene	6.14	78	369525	47.345	ug/l	98
41) Methacrylonitrile	5.04	41	107976	51.623	ug/l	99
42) 1,2-Dichloroethane	6.19	62	134456	48.024	ug/l	99
43) Isopropyl Acetate	6.45	43	289431	51.496	ug/l	99
44) Trichloroethene	7.21	130	86119	45.642	ug/l	97
45) 1,2-Dichloropropane	7.51	63	106938	48.388	ug/l	97
46) Dibromomethane	7.66	93	61587	47.988	ug/l	100
47) Bromodichloromethane	7.90	83	124673	48.700	ug/l	99
48) Methyl methacrylate	7.77	41	146904	52.683	ug/l	99
49) 1,4-Dioxane	7.74	88	54625	965.969	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	999428	272.053	ug/l	100
52) Toluene	8.79	92	234609	49.450	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	141616	48.997	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	153492	47.980	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	95082	49.123	ug/l	98
56) Ethyl methacrylate	9.18	69	175258	50.724	ug/l	99
57) 1,3-Dichloropropane	9.37	76	165531	48.598	ug/l	100
59) 2-Hexanone	9.49	43	798417	276.724	ug/l	100
60) Dibromochloromethane	9.58	129	94610	50.046	ug/l	99
61) 1,2-Dibromoethane	9.67	107	95721	48.991	ug/l	99
64) Tetrachloroethene	9.34	164	72521	42.843	ug/l	98
65) Chlorobenzene	10.13	112	234766	47.558	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	86206	48.169	ug/l	99
67) Ethyl Benzene	10.25	91	429178	47.241	ug/l	99
68) m/p-Xylenes	10.36	106	312158	94.026	ug/l	98
69) o-Xylene	10.69	106	156249	47.701	ug/l	99
70) Stvrene	10.71	104	272971	47.947	ug/l	98
71) Bromoform	10.85	173	72636	49.943	ug/l #	100
73) Isopropylbenzene	11.02	105	410064	46.028	ug/l	100
74) N-amyl acetate	10.90	43	267830	51.565	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	167852	50.541	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	144813m	50.958	ug/l	
77) Bromobenzene	11.26	156	104265	47.152	ug/l	98
78) n-propylbenzene	11.36	91	470189	46.213	ug/l	100
79) 2-Chlorotoluene	11.42	91	283735	45.201	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	351369	46.841	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	51410	46.287	ug/l	97
82) 4-Chlorotoluene	11.51	91	327182	46.138	ug/l	99
83) tert-Butylbenzene	11.77	119	341694	46.825	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	353872	46.998	ug/l	100
85) sec-Butylbenzene	11.94	105	395157	45.675	ug/l	100
86) p-Isopropyltoluene	12.06	119	364309	46.841	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	185422	47.038	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	186707	46.980	ug/l	99
89) n-Butylbenzene	12.38	91	328615	46.747	ug/l	100
90) Hexachloroethane	12.60	117	61999	46.790	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	189574	47.216	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	39170	52.576	ug/l	98
93) 1,2,4-Trichlorobenzene	13.65	180	134217	48.884	ug/l	98

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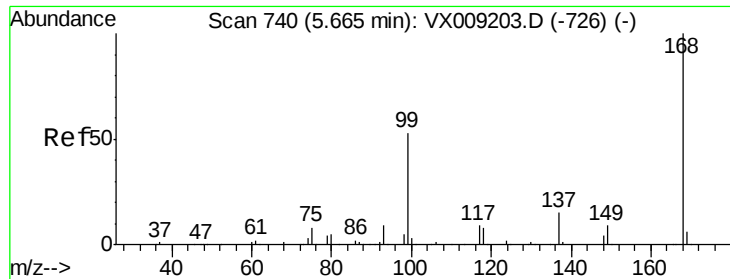
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	60301	43.008	ug/l	99
95) Naphthalene	13.83	128	471092	52.738	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	134456	48.311	ug/l	99

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



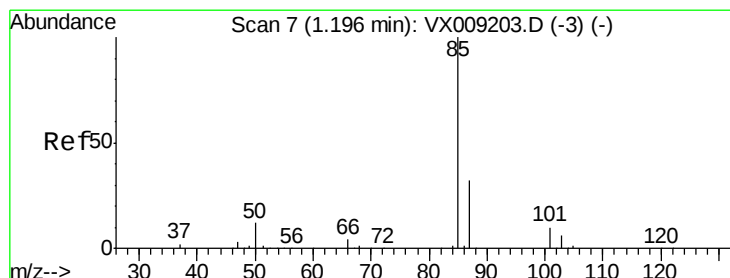
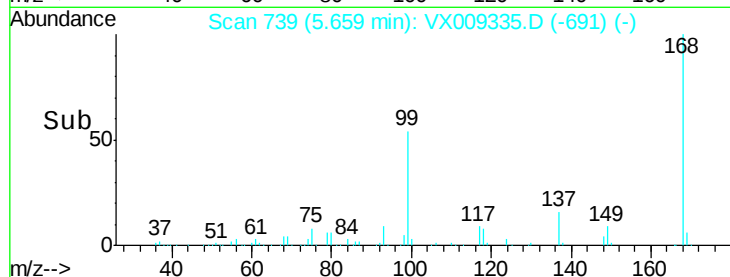
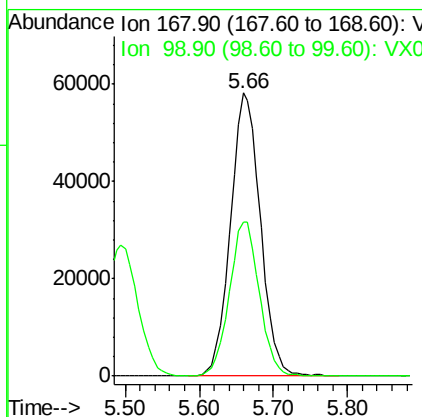
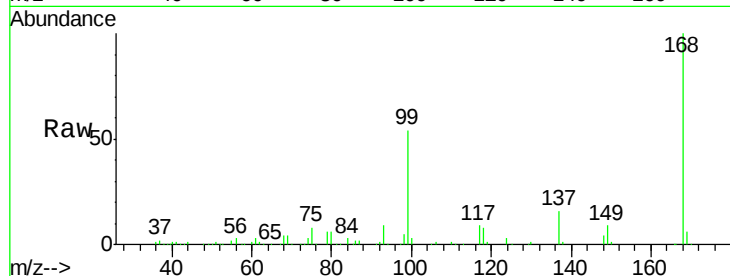
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.01 min
Lab File: VX009335.D
Acq: 04 May 2019 01:13

Instrument :
MSVOA_X
ClientSampleId :
SS050MW113-190430MSD

Tot Ion	Ratio	Lower	Upper
168	100		
99	54.2	42.3	63.5

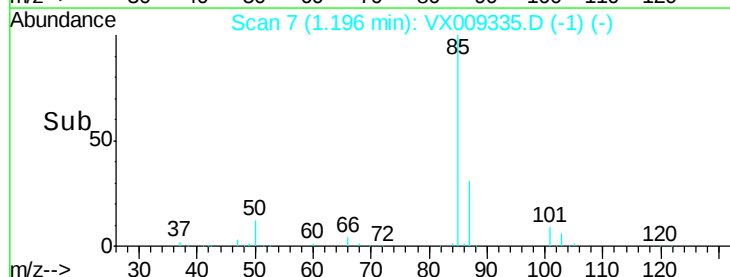
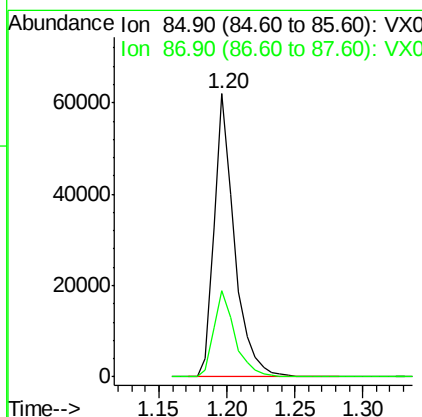
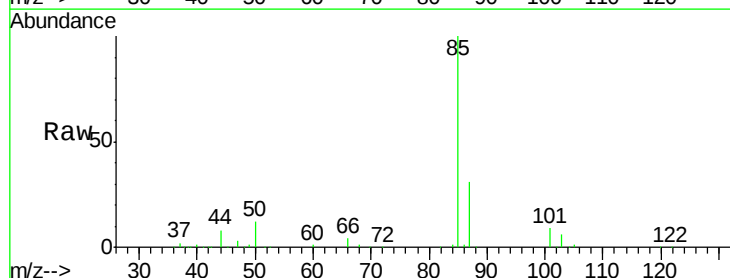
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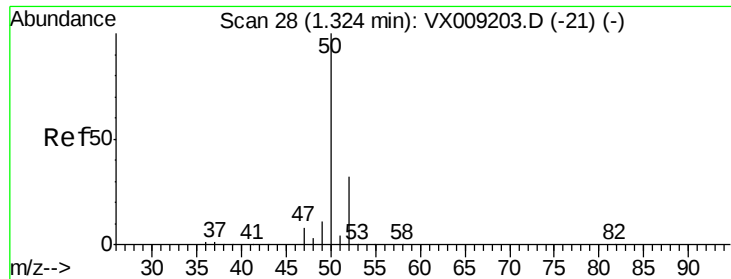
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#2
Dichlorodifluoromethane
Concen: 42.496 ug/l
RT: 1.20 min Scan# 7
Delta R.T. -0.00 min
Lab File: VX009335.D
Acq: 04 May 2019 01:13

Tgt Ion	Ratio	Lower	Upper
85	100		
87	30.5	16.1	48.3





#3

Chloromethane

Concen: 45.682 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX009335.D

Acq: 04 May 2019 01:13

Instrument :

MSVOA_X

ClientSampleId :

SS050MW113-190430MSD

Tot Ion: 50 Resp: 94013

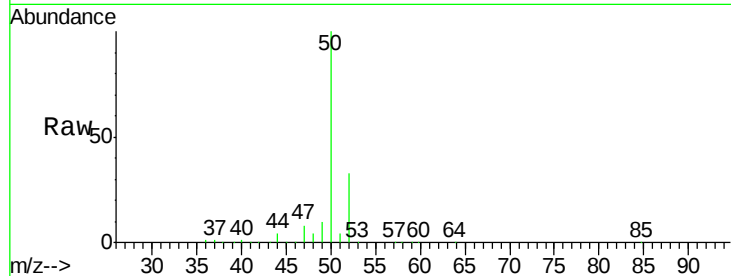
Ion Ratio Lower Upper

50 100

52 32.9 25.9 38.9

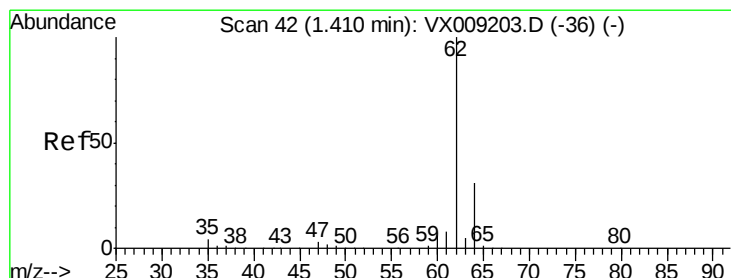
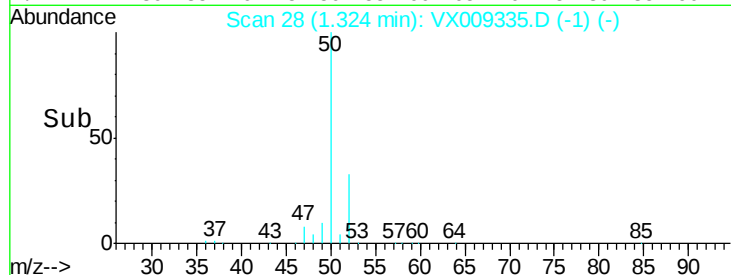
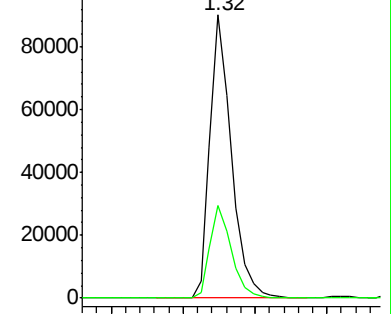
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 46.979 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009335.D

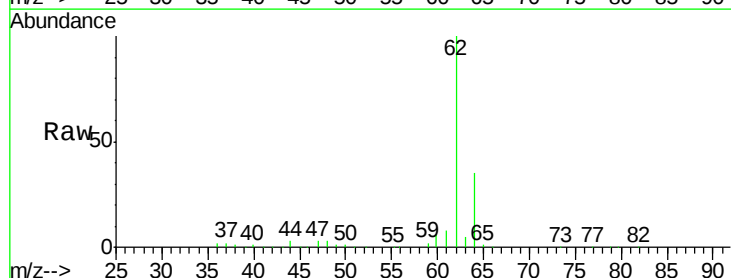
Acq: 04 May 2019 01:13

Tgt Ion: 62 Resp: 94278

Ion Ratio Lower Upper

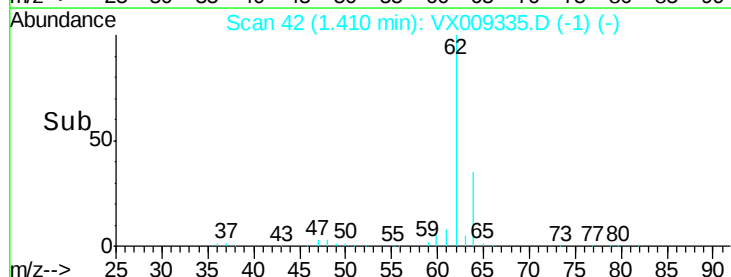
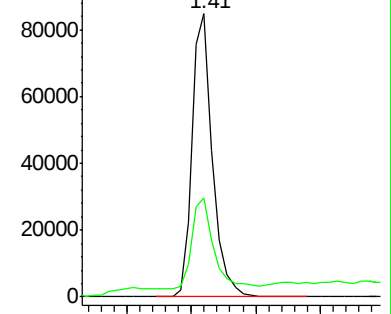
62 100

64 32.1 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: 45.534 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX009335.D

Acq: 04 May 2019 01:13

Instrument :

MSVOA_X

ClientSampleId :

SS050MW113-190430MSD

Tot Ion: 94 Resp: 54846

Ion Ratio Lower Upper

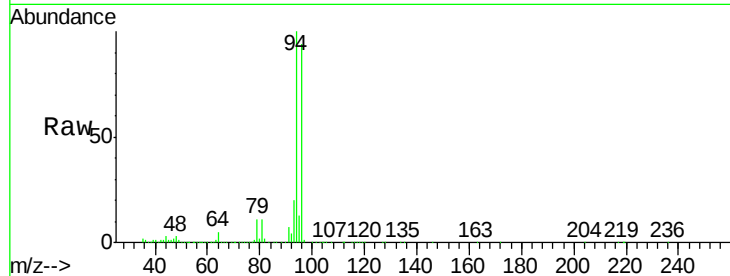
94 100

96 94.0 73.0 109.6

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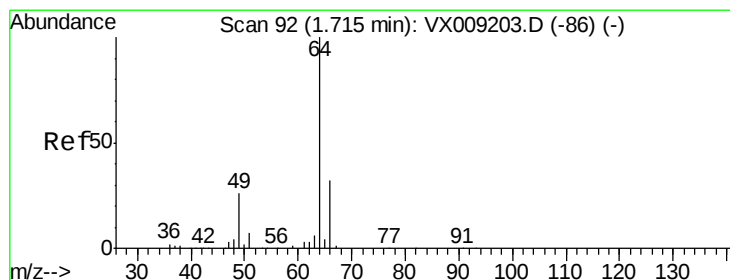
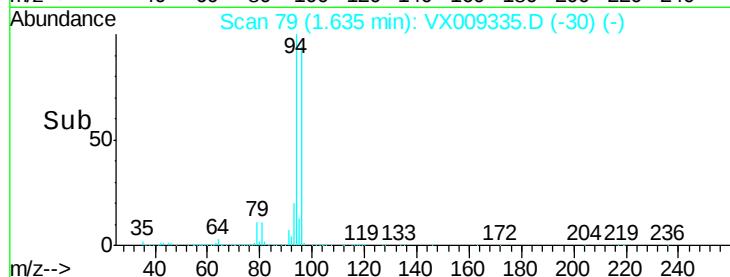
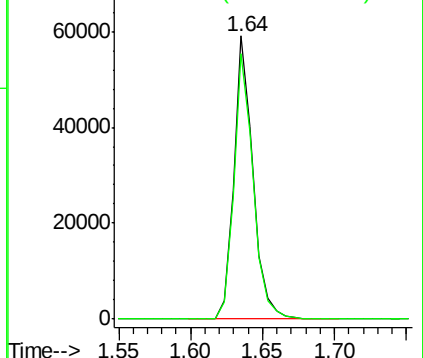
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 45.251 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX009335.D

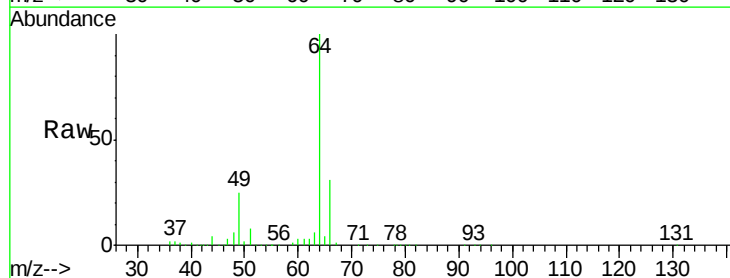
Acq: 04 May 2019 01:13

Tgt Ion: 64 Resp: 58304

Ion Ratio Lower Upper

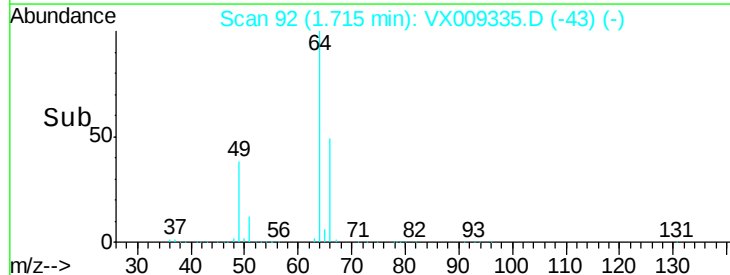
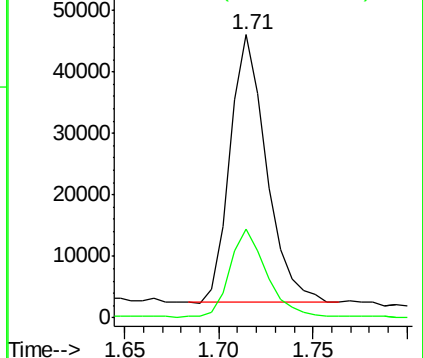
64 100

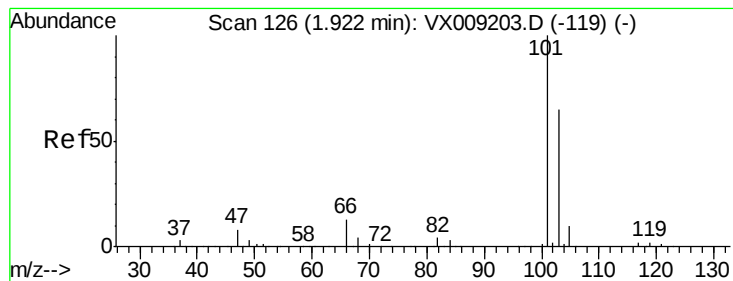
66 32.8 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

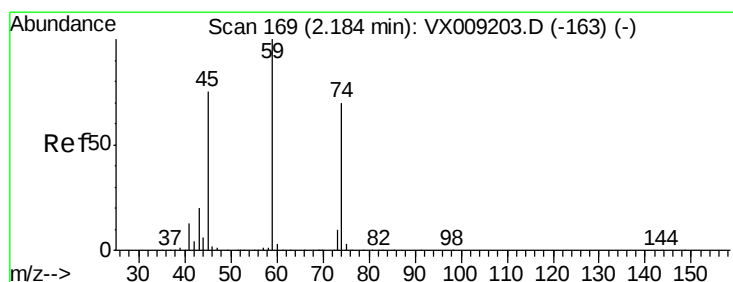
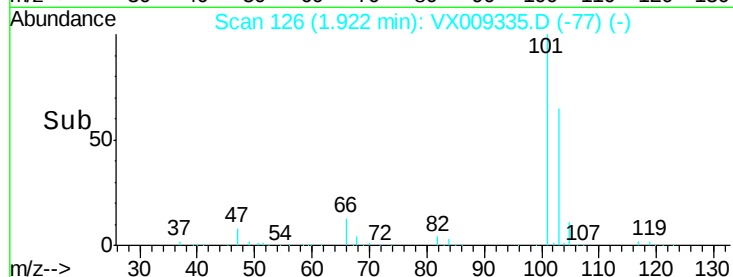
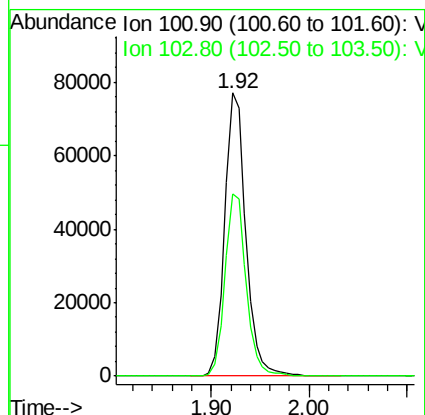
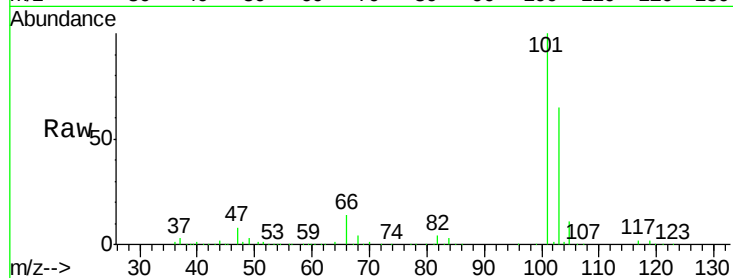
Trichlorofluoromethane
Concen: 47.329 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.00 min
Lab File: VX009335.D
Acq: 04 May 2019 01:13

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Tot Ion:101 Resp: 115454
Ion Ratio Lower Upper
101 100
103 64.5 52.4 78.6

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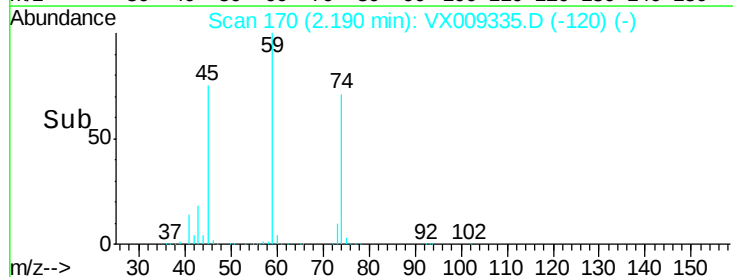
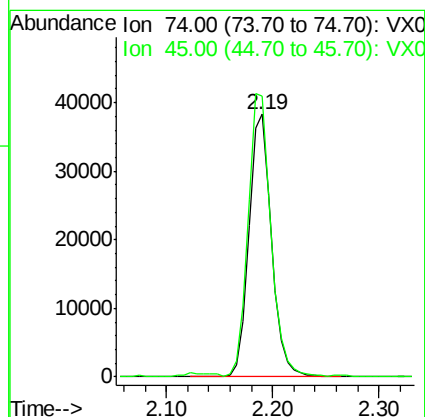
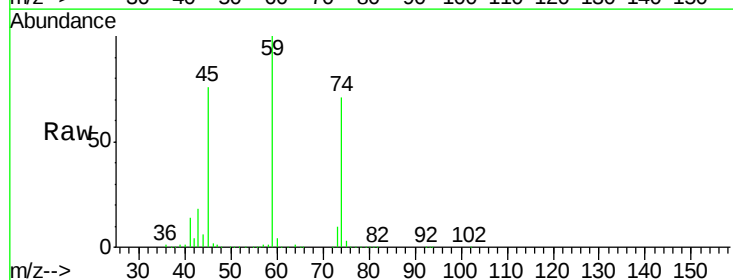
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#8

Diethyl Ether
Concen: 49.477 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX009335.D
Acq: 04 May 2019 01:13

Tgt Ion: 74 Resp: 57170
Ion Ratio Lower Upper
74 100
45 108.3 53.3 159.9





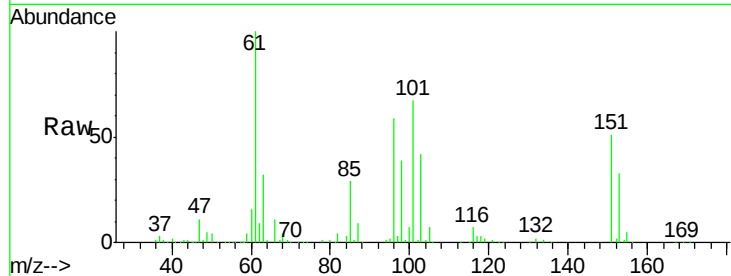
#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.579 ug/l
RT: 2.38 min Scan# 201
Delta R.T. -0.00 min
Lab File: VX009335.D
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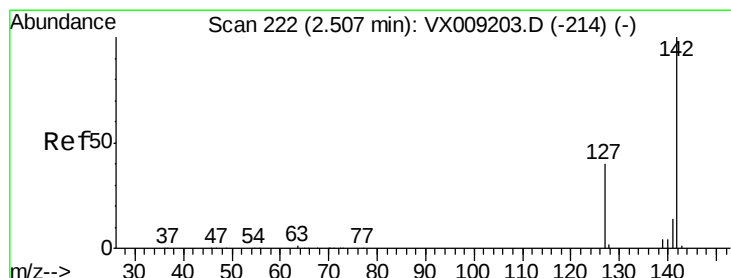
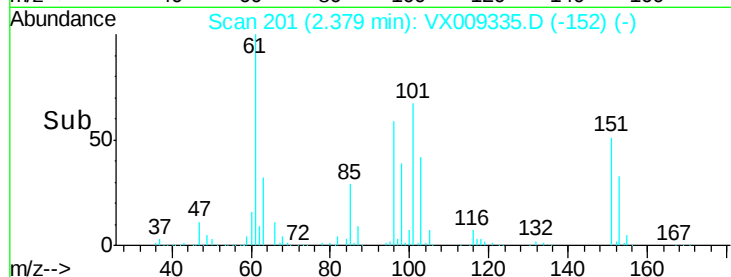
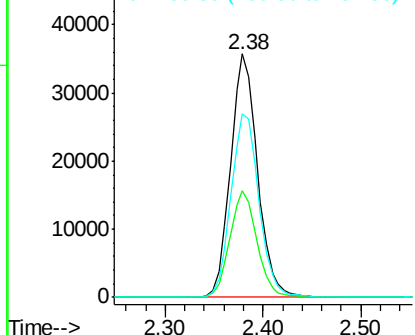
Tot Ion	Ratio	Resp	Lower	Upper
101	100	68288		
85	44.2	35.7	53.5	
151	78.6	62.2	93.2	

Manual Integrations
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5/6/2019 9:25:10 AM

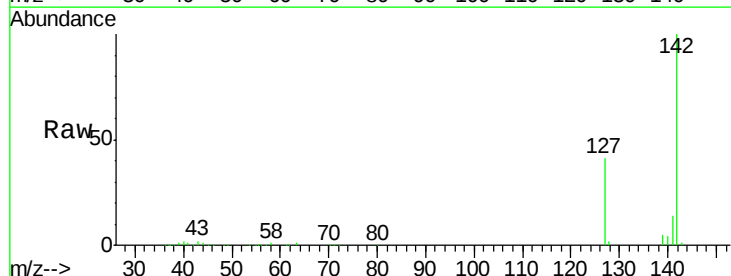


Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V

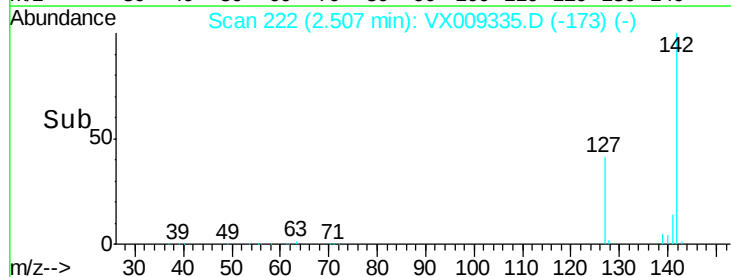
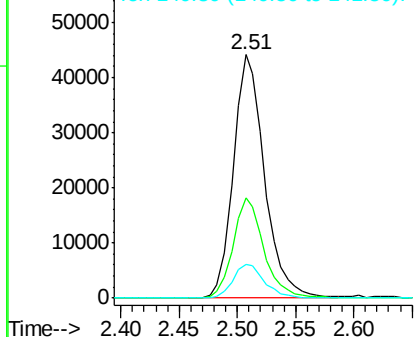


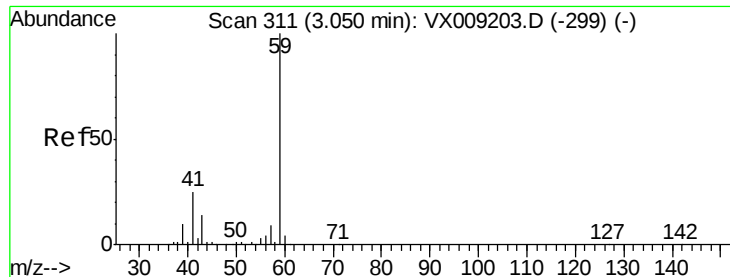
#10
Methyl Iodide
Concen: 46.634 ug/l
RT: 2.51 min Scan# 222
Delta R.T. 0.00 min
Lab File: VX009335.D
Acq: 04 May 2019 01:13

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	82396		
127	41.0	32.7	49.1	
141	14.2	11.5	17.3	



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





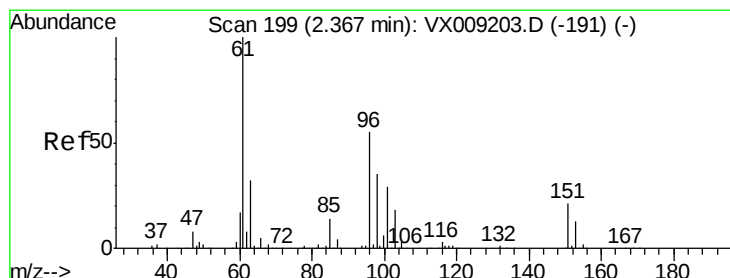
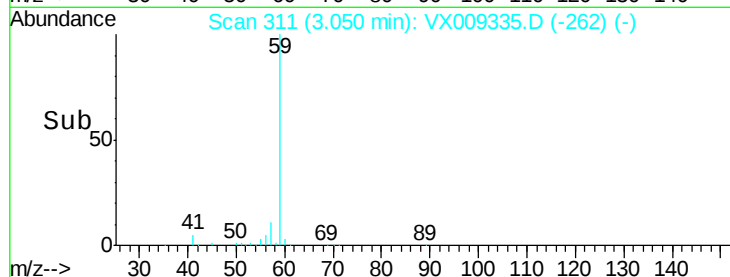
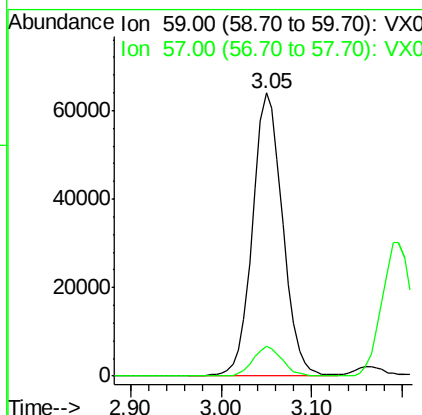
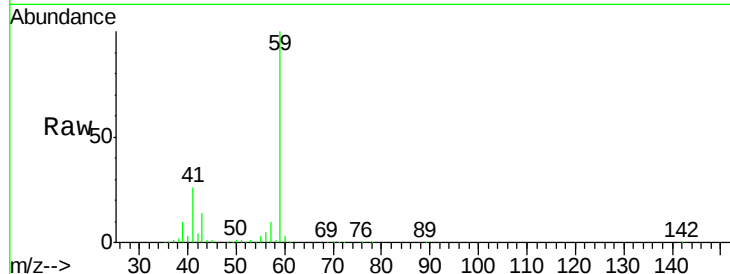
#11
Tert butyl alcohol
Concen: 285.429 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.00 min
Lab File: VX009335.D
Acq: 04 May 2019 01:13

Instrument :
MSVOA_X
ClientSampleId :
SS050MW113-190430MSD

Tot Ion: 59 Resp: 147537
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.2

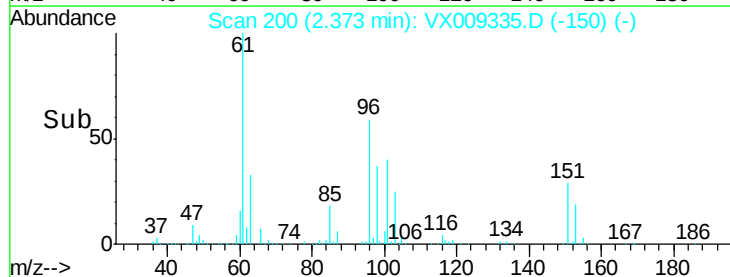
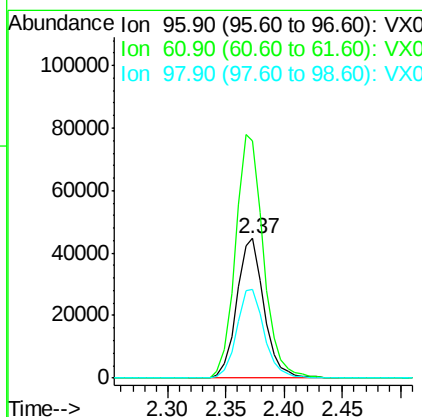
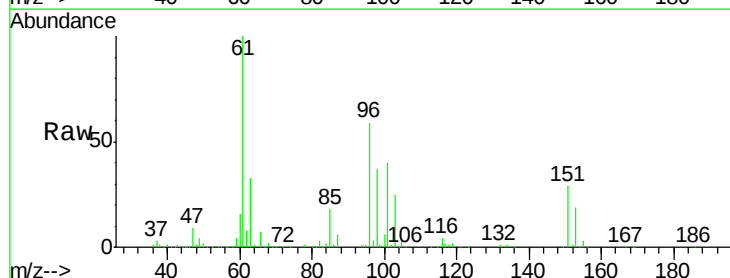
Manual Integrations
APPROVED

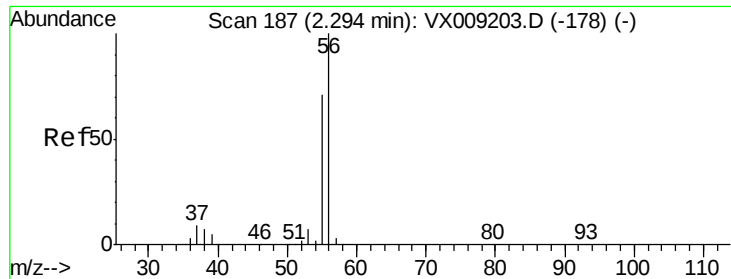
MMDadoda
5/6/2019 9:25:10 AM



#12
1,1-Dichloroethene
Concen: 47.577 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX009335.D
Acq: 04 May 2019 01:13

Tgt Ion: 96 Resp: 73023
Ion Ratio Lower Upper
96 100
61 169.8 144.3 216.5
98 63.4 50.3 75.5





#13

Acrolein

Concen: 250.909 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX009335.D

Acq: 04 May 2019 01:13

Instrument :

MSVOA_X

ClientSampleId :

SS050MW113-190430MSD

Tot Ion: 56 Resp: 117455

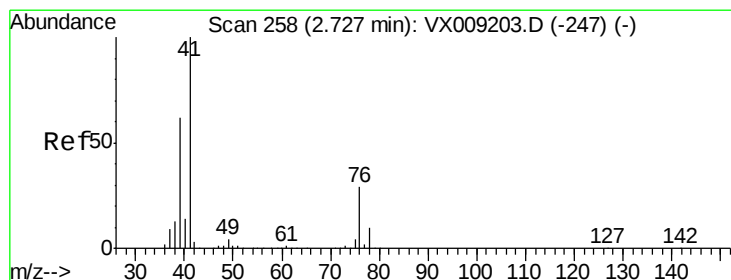
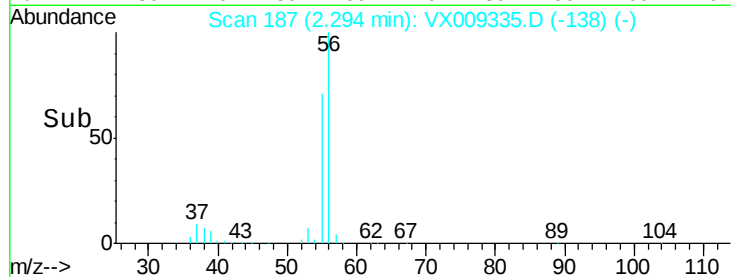
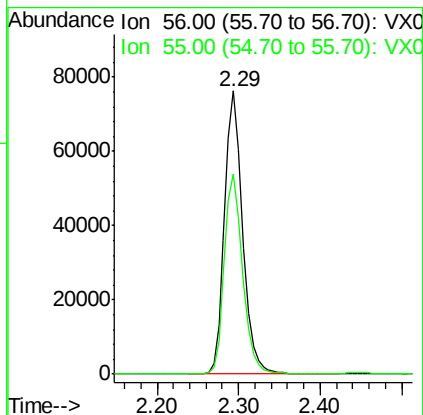
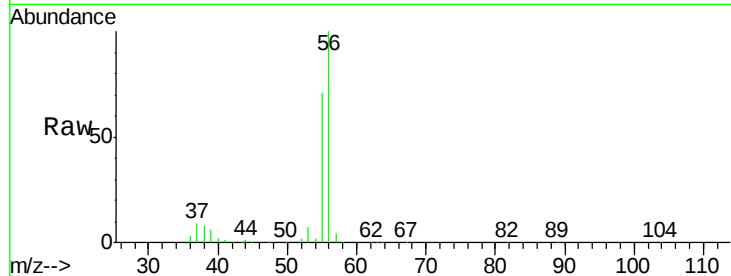
Ion Ratio Lower Upper

56 100

55 71.1 56.6 85.0

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#14

Allyl chloride

Concen: 48.029 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX009335.D

Acq: 04 May 2019 01:13

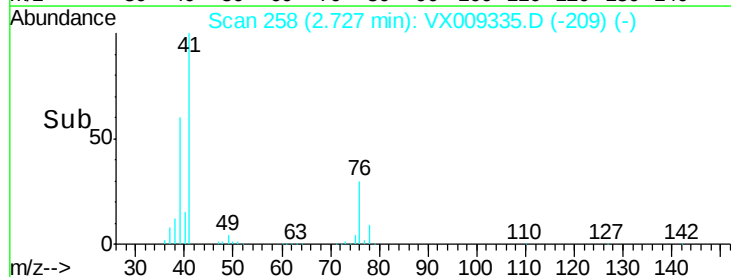
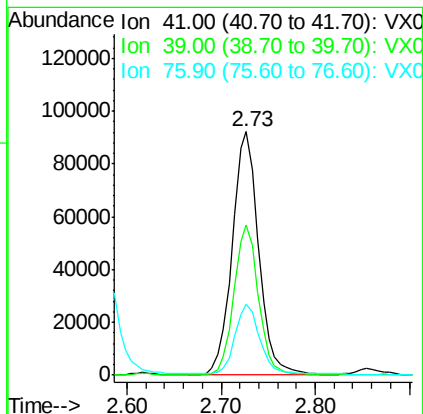
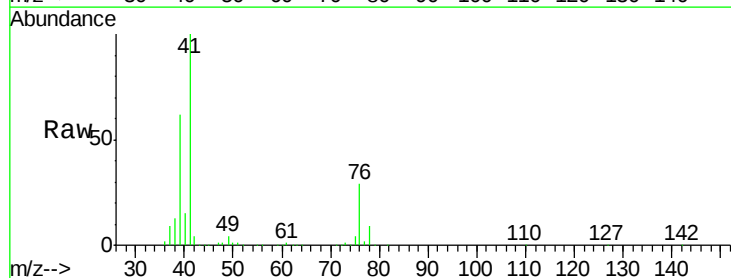
Tgt Ion: 41 Resp: 179648

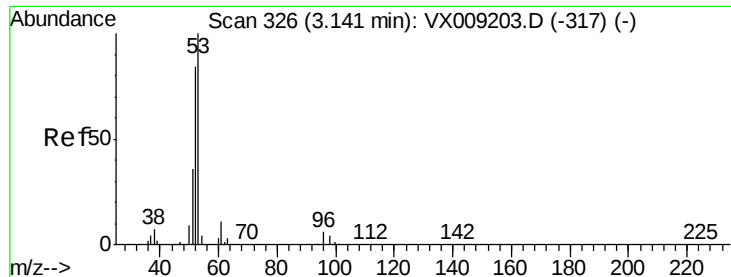
Ion Ratio Lower Upper

41 100

39 57.2 46.7 70.1

76 26.6 21.8 32.8





#15

Acrylonitrile

Concen: 268.898 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX009335.D

Acq: 04 May 2019 01:13

Instrument :

MSVOA_X

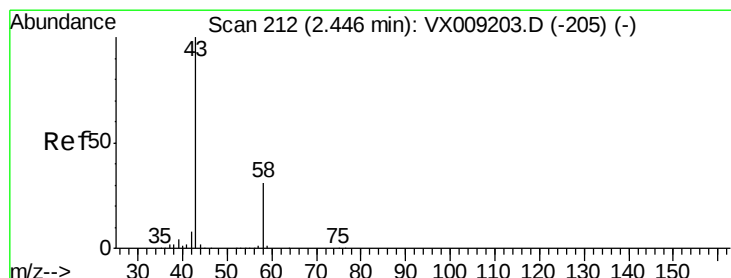
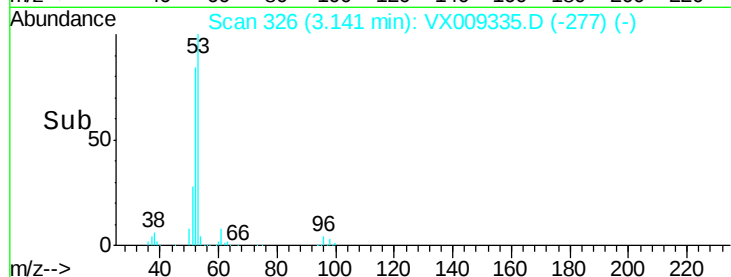
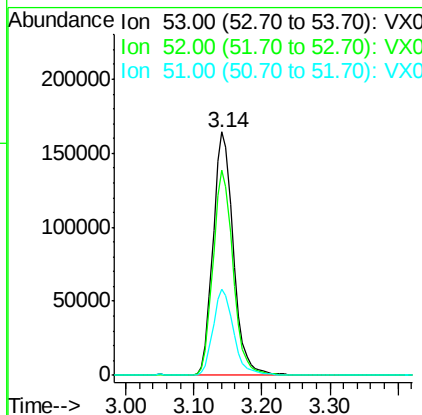
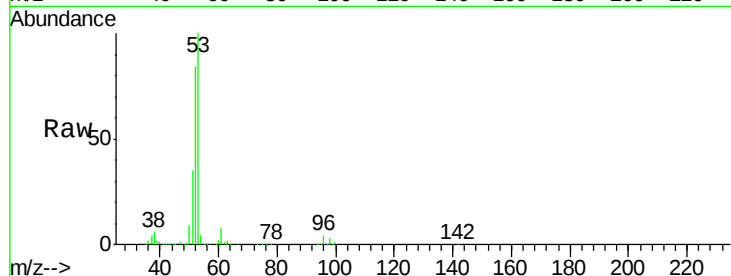
ClientSampleId :

SS050MW113-190430MSD

Tot Ion:	53	Resp:	339847
Ion Ratio	Lower	Upper	
53	100		
52	83.2	66.9	100.3
51	35.6	28.2	42.2

Manual Integrations
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#16

Acetone

Concen: 245.081 ug/l

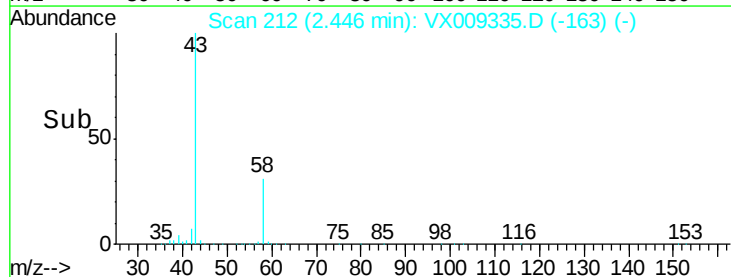
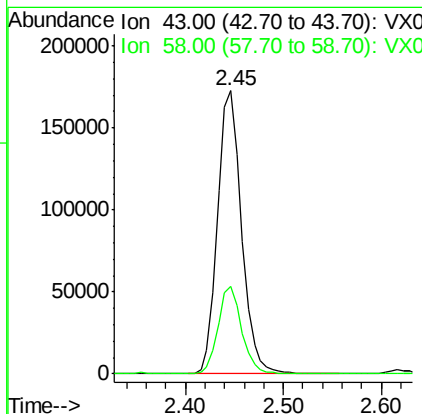
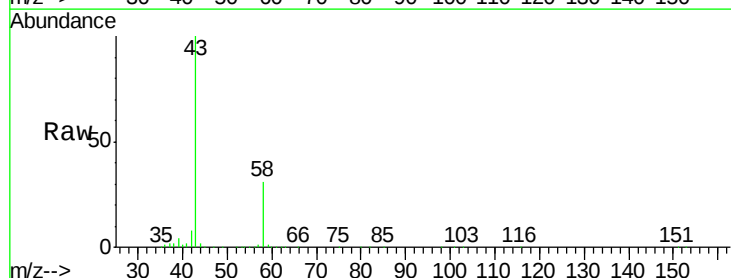
RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX009335.D

Acq: 04 May 2019 01:13

Tgt Ion:	43	Resp:	293867
Ion Ratio	Lower	Upper	
43	100		
58	30.8	24.9	37.3





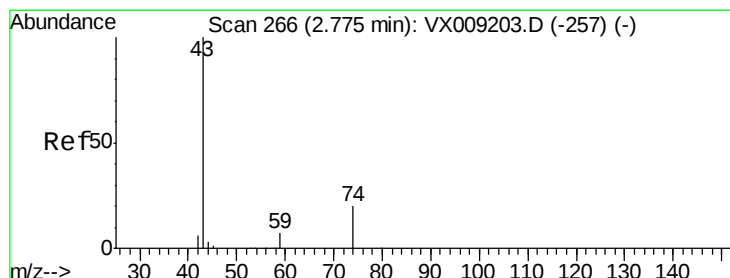
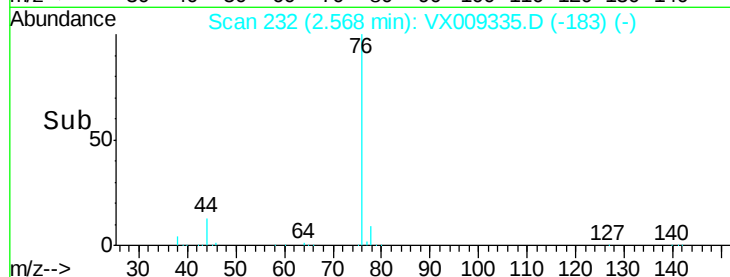
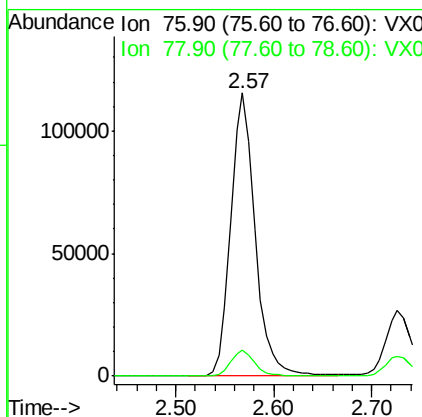
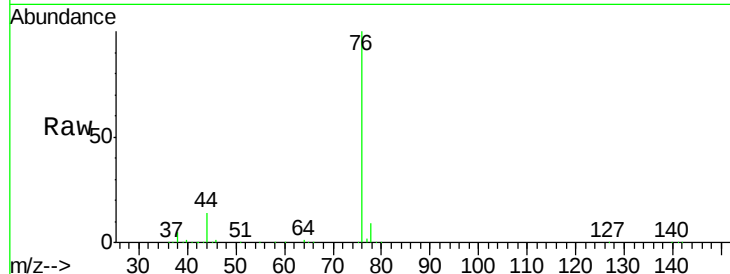
#17
Carbon Disulfide
Concen: 46.525 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX009335.D
Acq: 04 May 2019 01:13

Instrument :
MSVOA_X
ClientSampleId :
SS050MW113-190430MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.4	11.0

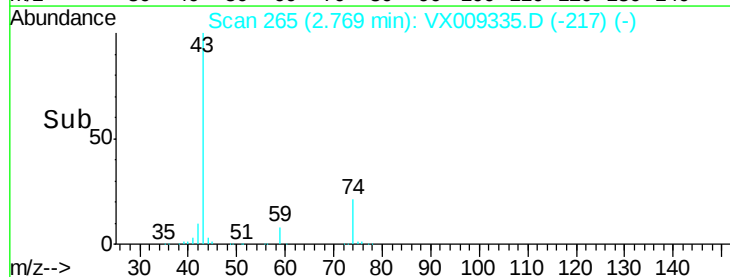
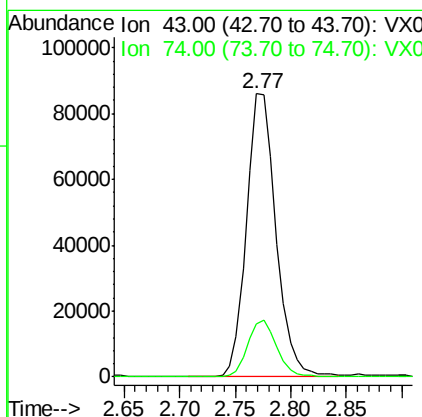
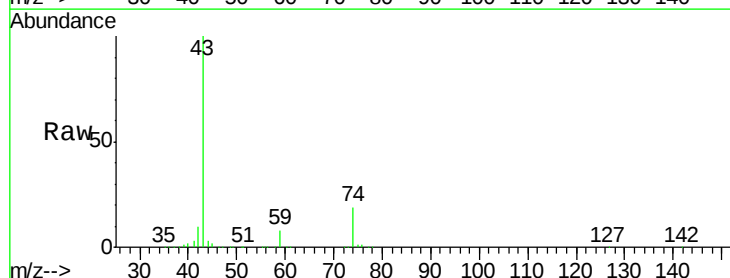
Manual Integrations
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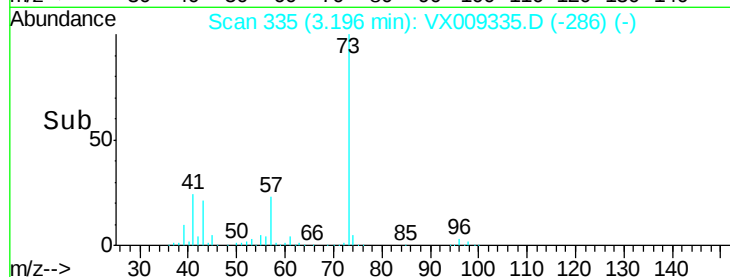
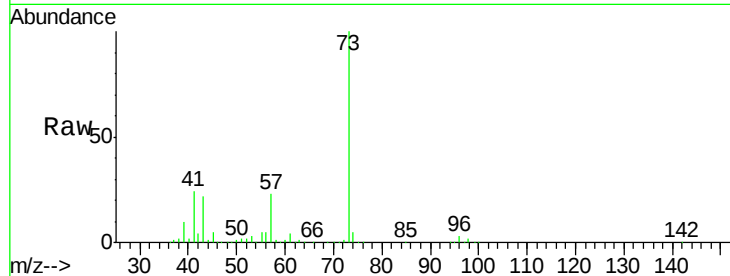
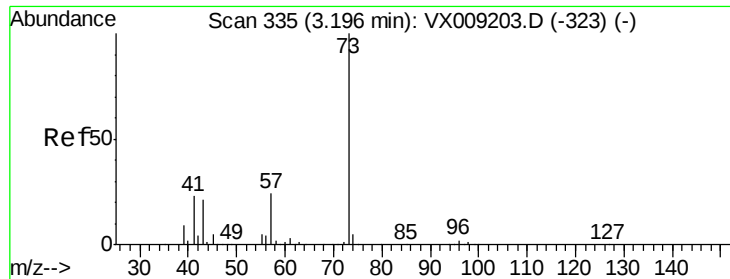
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#18
Methyl Acetate
Concen: 55.653 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX009335.D
Acq: 04 May 2019 01:13

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.3	16.2	24.4





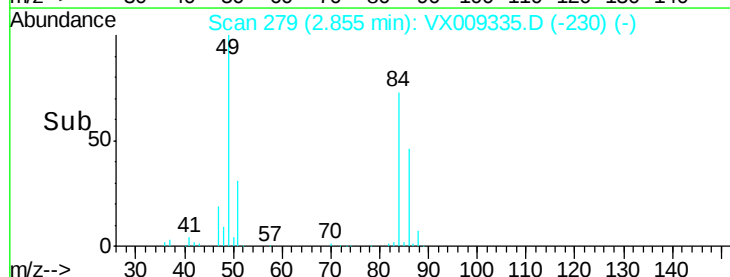
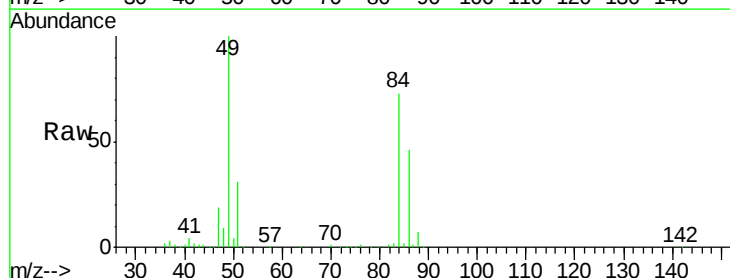
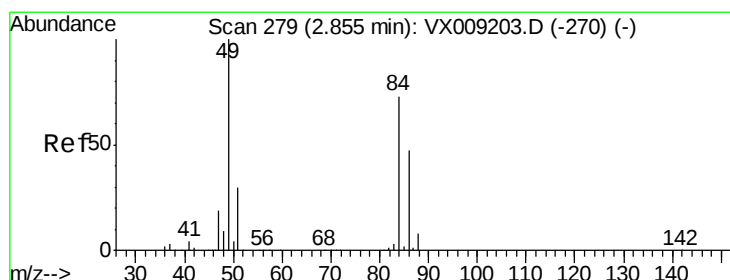
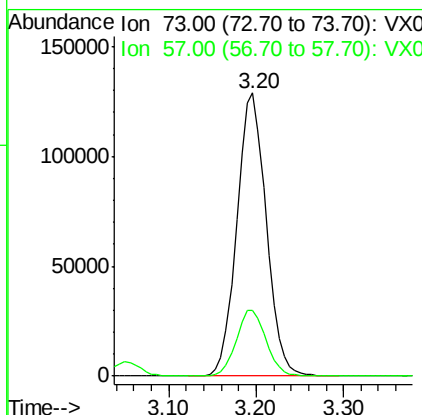
#19
Methyl tert-butyl Ether
Concen: 50.432 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX009335.D
Acq: 04 May 2019 01:13

Tot Ion: 73 Resp: 300582
Ion Ratio Lower Upper
73 100
57 23.4 19.3 28.9

Instrument :
MSVOA_X
ClientSampleId :
SS050MW113-190430MSD

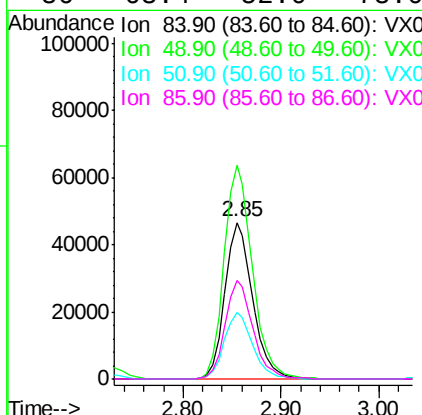
Manual Integrations
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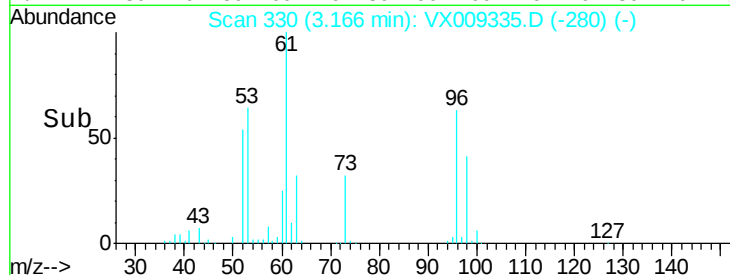
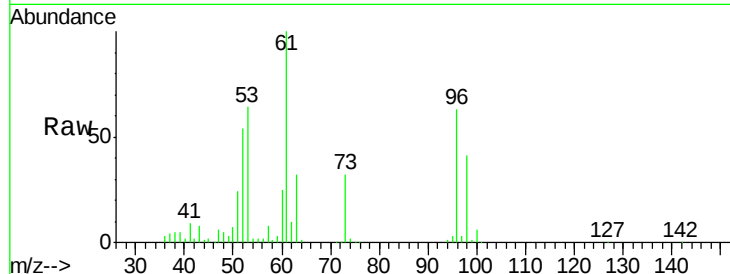
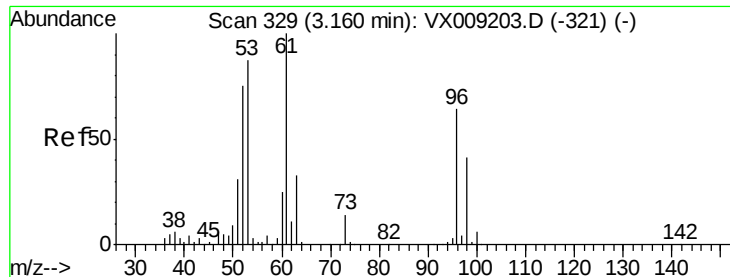
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#20
Methylene Chloride
Concen: 47.171 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX009335.D
Acq: 04 May 2019 01:13

Tgt Ion: 84 Resp: 91580
Ion Ratio Lower Upper
84 100
49 136.4 109.9 164.9
51 42.8 32.7 49.1
86 63.4 52.0 78.0





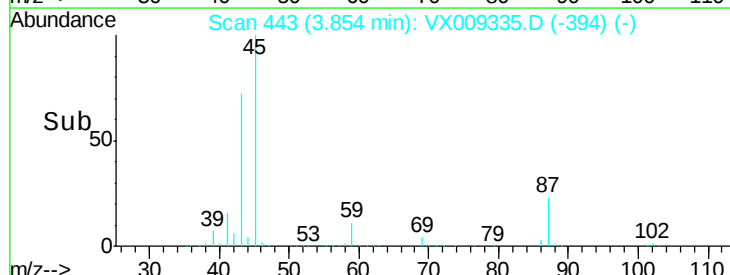
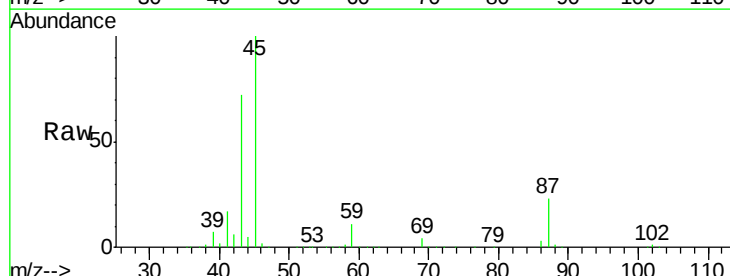
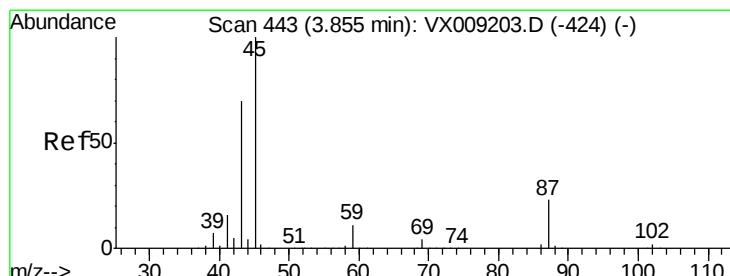
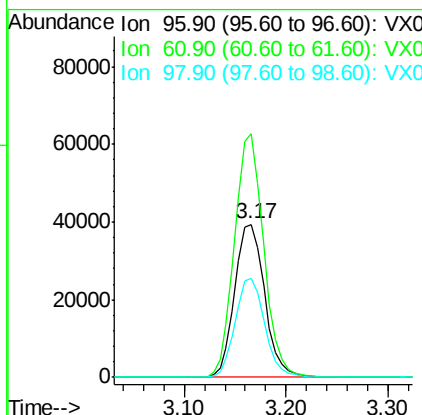
#21
trans-1,2-Dichloroethene
Concen: 48.084 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.01 min
Lab File: VX009335.D
Acq: 04 May 2019 01:13

Tot Ion	Ratio	Lower	Upper
96	100		
61	159.1	124.5	186.7
98	65.0	50.4	75.6

Instrument :
MSVOA_X
ClientSampleId :
SS050MW113-190430MSD

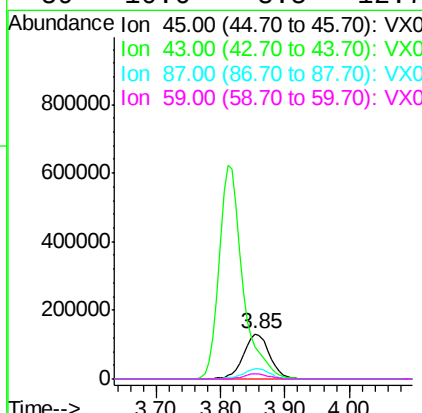
Manual Integrations
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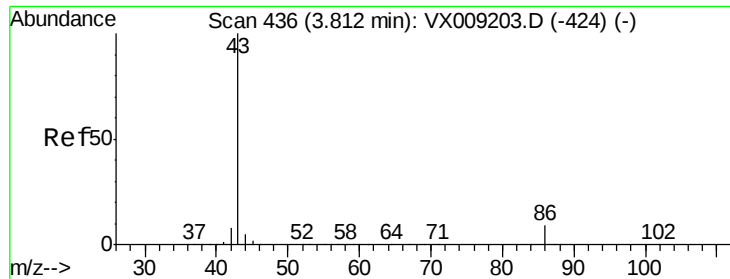
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#22
Diisopropyl ether
Concen: 50.393 ug/l
RT: 3.85 min Scan# 443
Delta R.T. -0.00 min
Lab File: VX009335.D
Acq: 04 May 2019 01:13

Tgt Ion	Ratio	Lower	Upper
45	100		
43	72.3	56.1	84.1
87	22.9	18.1	27.1
59	10.6	8.5	12.7





#23

Vinyl Acetate

Concen: 261.538 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX009335.D

Acq: 04 May 2019 01:13

Instrument :

MSVOA_X

ClientSampleId :

SS050MW113-190430MSD

Tot Ion: 43 Resp: 1610992

Ion Ratio Lower Upper

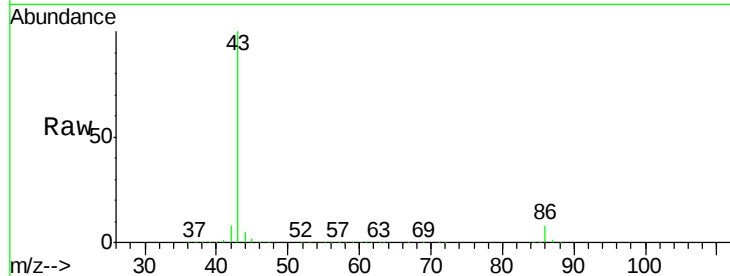
43 100

86 8.4 6.9 10.3

Manual Integrations
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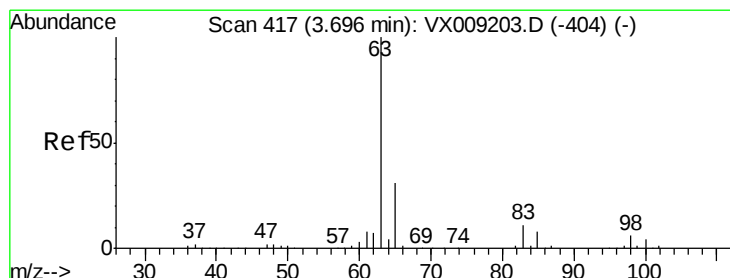
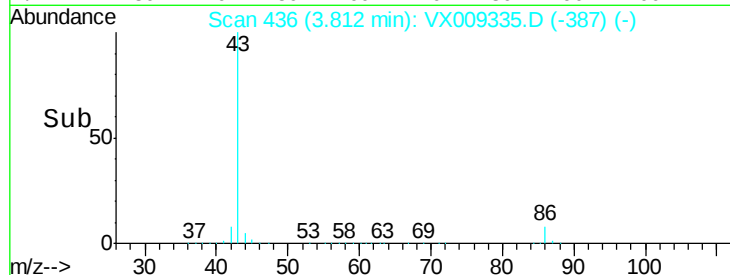
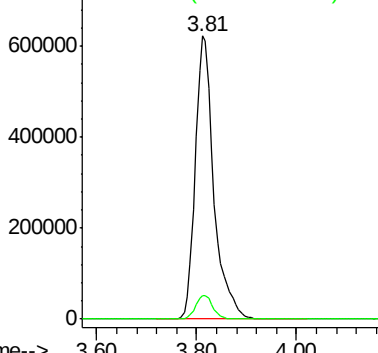
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 48.592 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009335.D

Acq: 04 May 2019 01:13

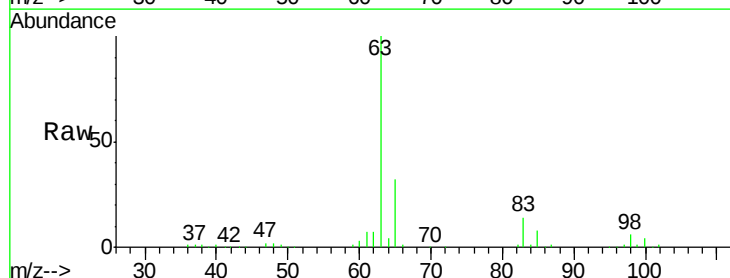
Tgt Ion: 63 Resp: 172430

Ion Ratio Lower Upper

63 100

98 5.6 3.0 9.2

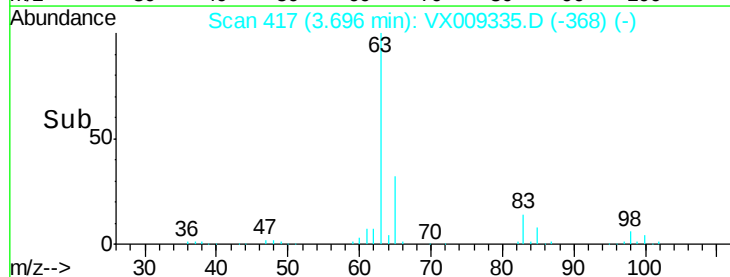
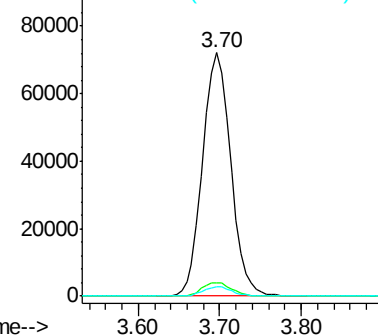
100 4.0 2.0 6.0

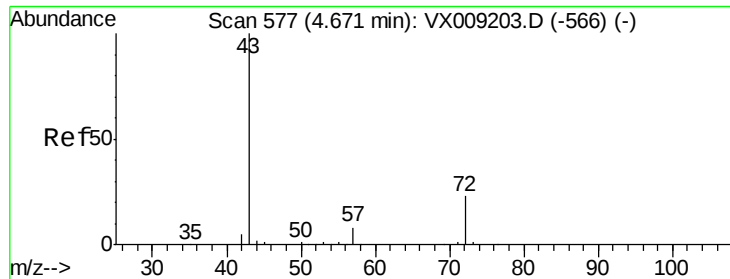


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 274.547 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX009335.D

Acq: 04 May 2019 01:13

Instrument :

MSVOA_X

ClientSampleId :

SS050MW113-190430MSD

Tot Ion: 43 Resp: 511564

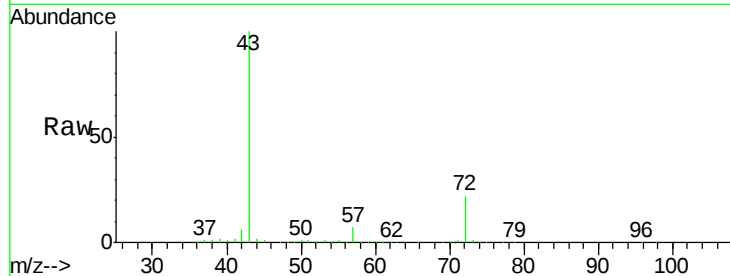
Ion Ratio Lower Upper

43 100

72 22.3 18.2 27.2

Manual Integrations
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

200000

150000

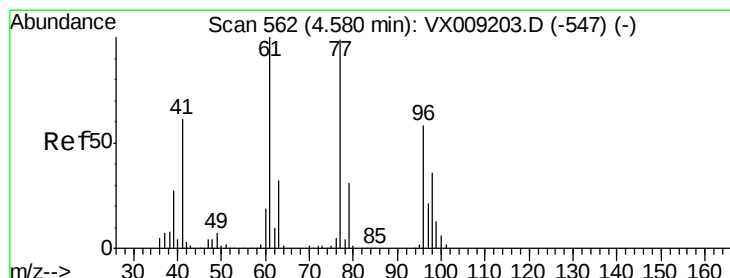
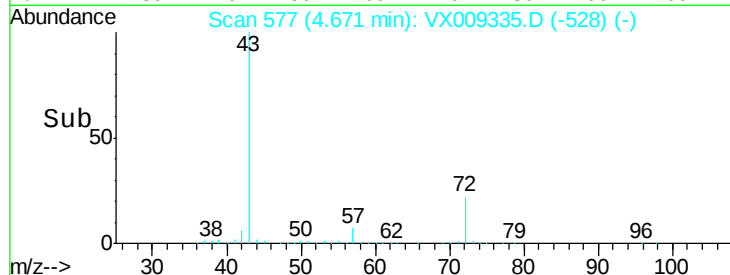
100000

50000

0

4.60 4.67 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 39.376 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX009335.D

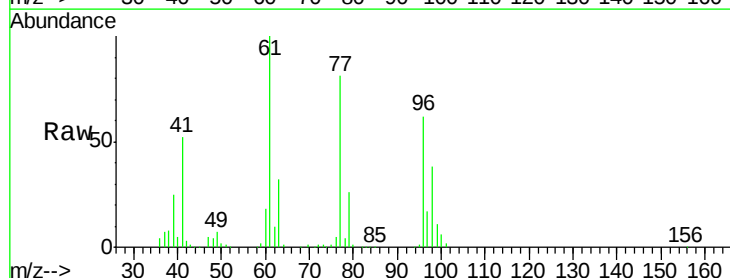
Acq: 04 May 2019 01:13

Tgt Ion: 77 Resp: 104004

Ion Ratio Lower Upper

77 100

97 23.4 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

30000

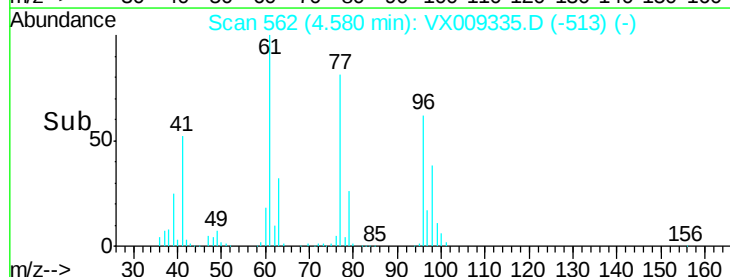
20000

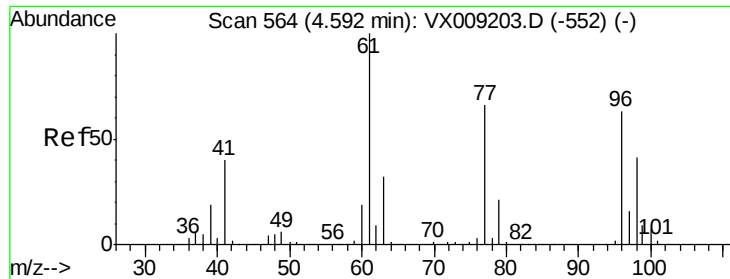
10000

0

4.40 4.50 4.58 4.60 4.70

Time-->





#27

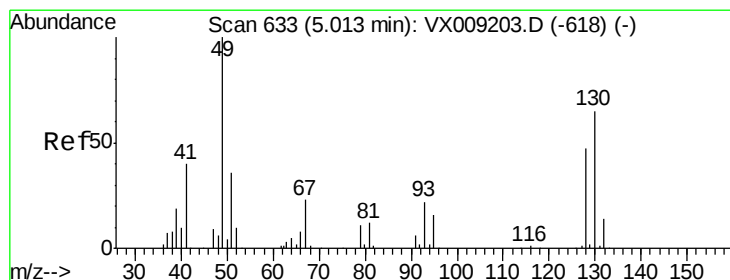
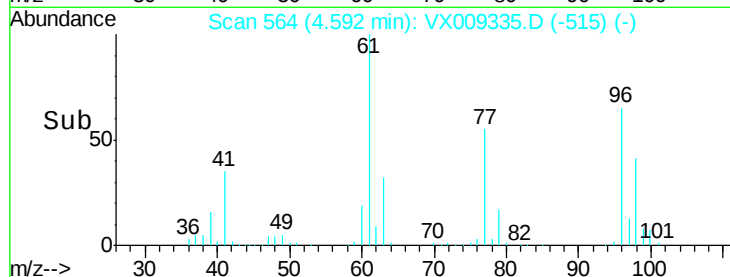
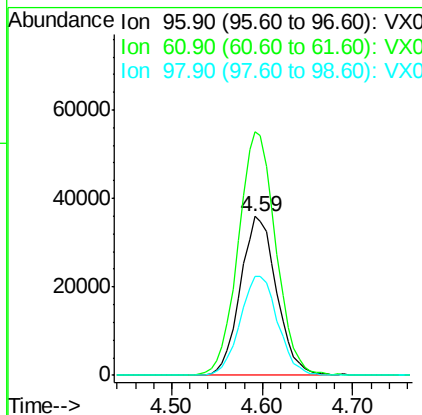
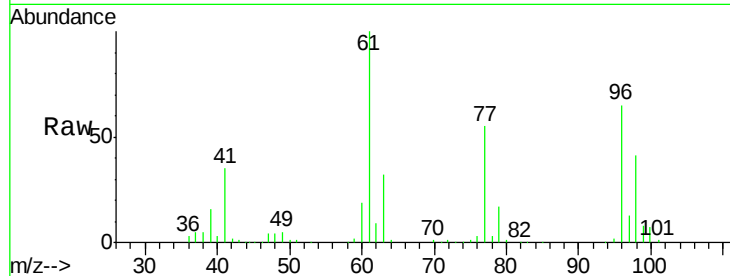
cis-1,2-Dichloroethene
Concen: 50.169 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.00 min
Lab File: VX009335.D
Acq: 04 May 2019 01:13

Instrument :
MSVOA_X
ClientSampleId :
SS050MW113-190430MSD

Tot Ion	Ratio	Lower	Upper
96	100		
61	158.6	0.0	324.0
98	64.9	0.0	130.4

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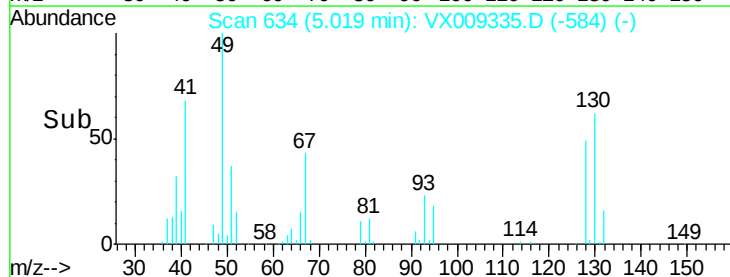
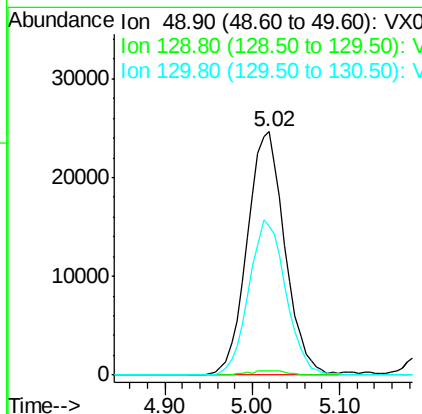
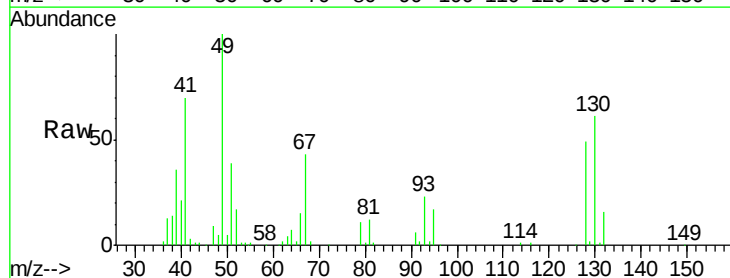
MMDadoda
5/6/2019 9:25:10 AM

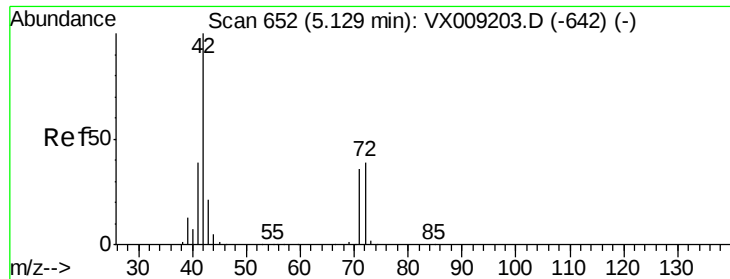


#28

Bromochloromethane
Concen: 51.852 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX009335.D
Acq: 04 May 2019 01:13

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.8
130	62.7	51.2	76.8





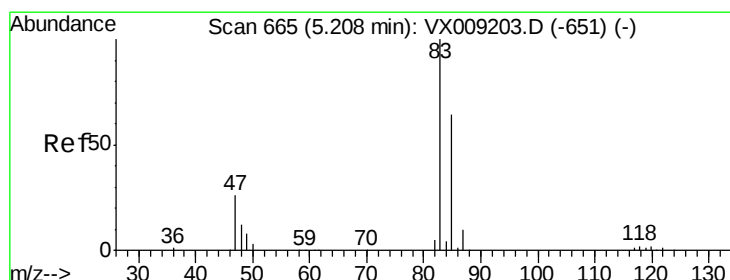
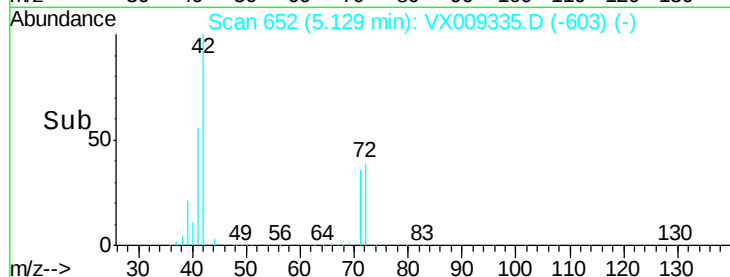
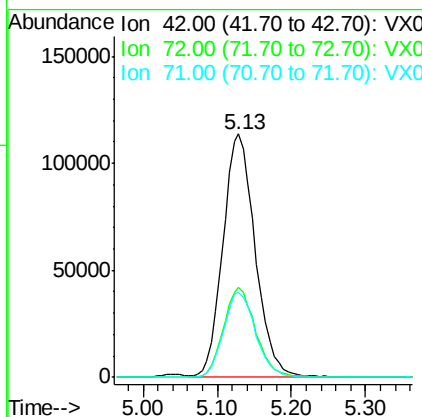
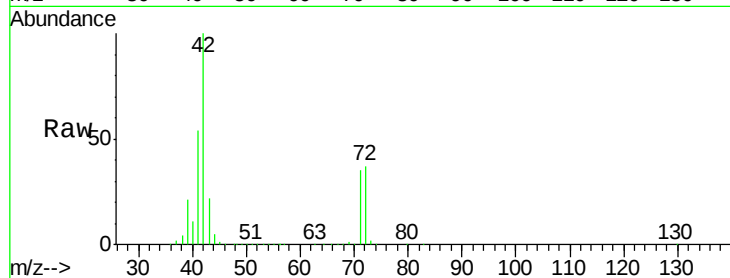
#29
Tetrahydrofuran
Concen: 284.640 ug/l
RT: 5.13 min Scan# 652
Delta R.T. -0.00 min
Lab File: VX009335.D
Acq: 04 May 2019 01:13

Instrument :
MSVOA_X
ClientSampleId :
SS050MW113-190430MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	37.1	30.4	45.6
71	35.2	28.6	43.0

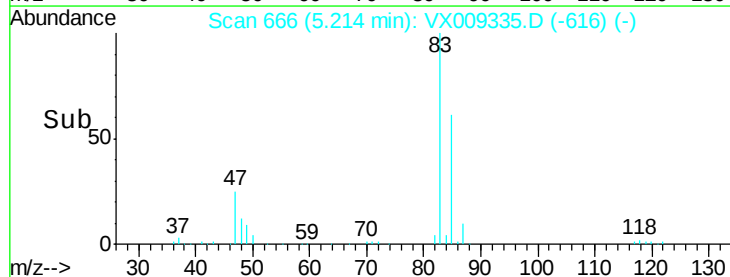
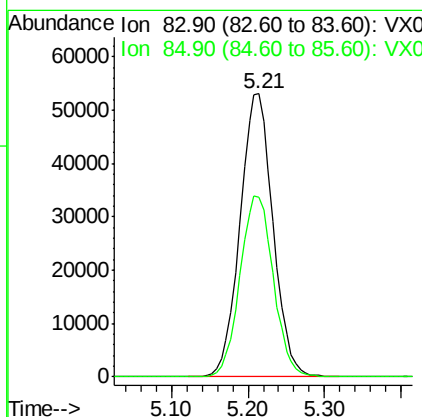
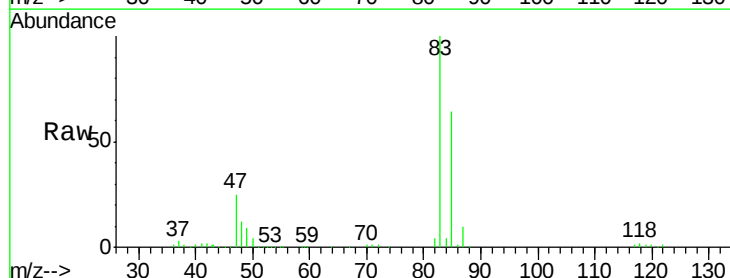
Manual Integrations
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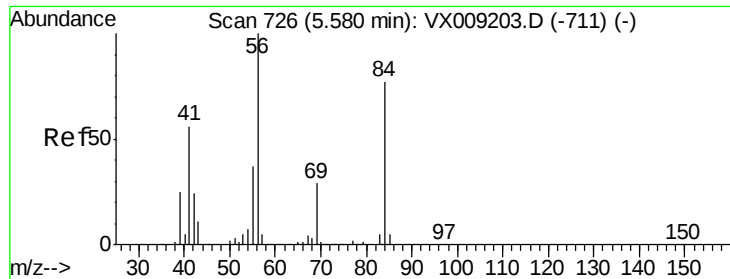
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#30
Chloroform
Concen: 49.442 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX009335.D
Acq: 04 May 2019 01:13

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.6	51.5	77.3





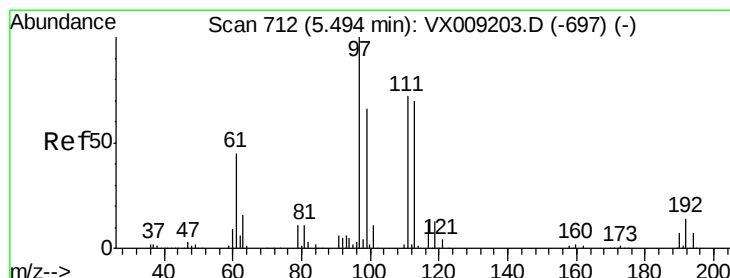
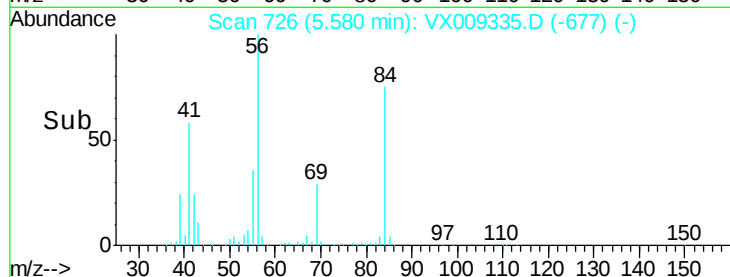
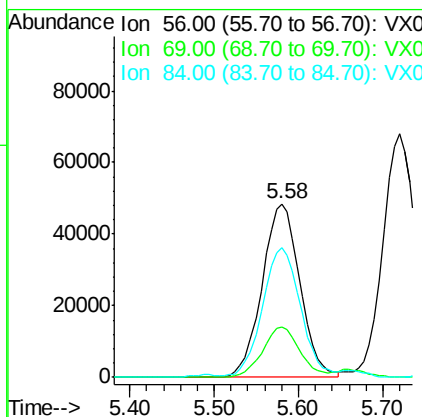
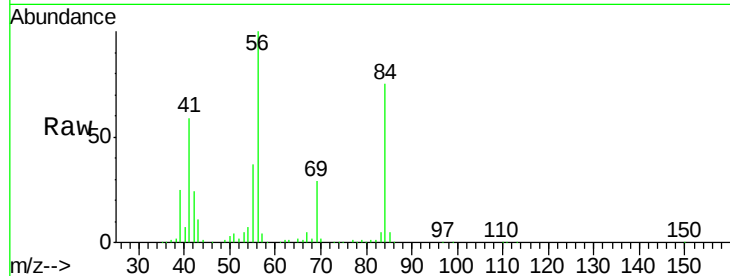
#31
Cyclohexane
Concen: 45.407 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX009335.D
Acq: 04 May 2019 01:13

Instrument :
MSVOA_X
ClientSampleId :
SS050MW113-190430MSD

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.2	23.4	35.0
84	74.3	61.9	92.9

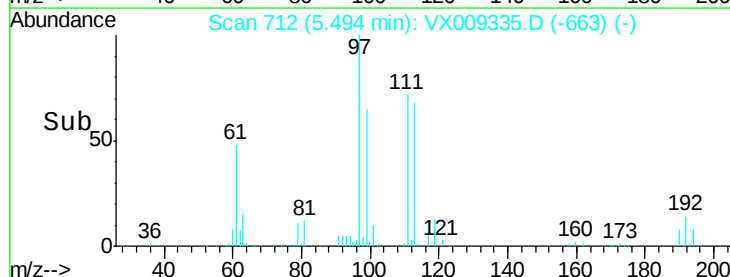
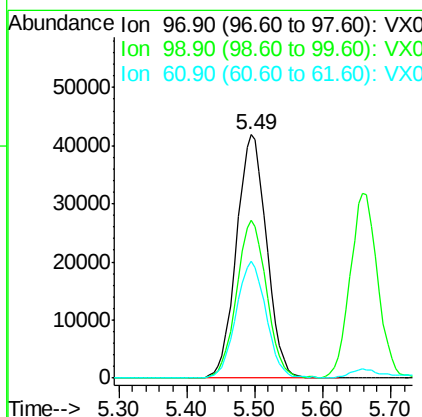
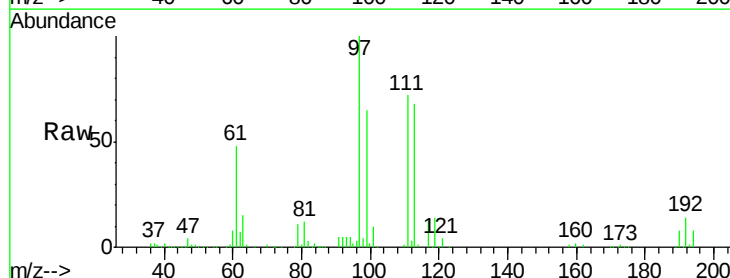
Manual Integrations
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5/6/2019 9:25:10 AM



#32
1,1,1-Trichloroethane
Concen: 48.202 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX009335.D
Acq: 04 May 2019 01:13

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.8	77.8
61	48.0	37.8	56.8





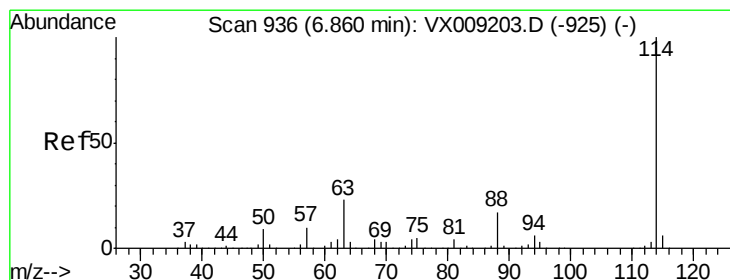
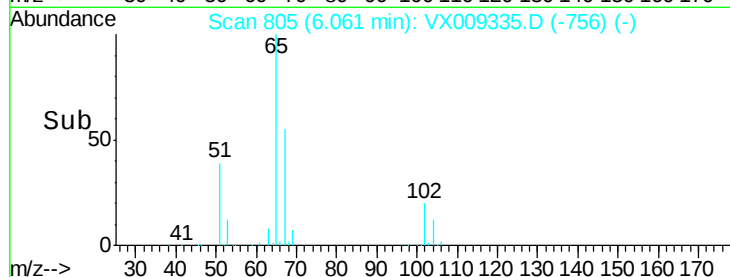
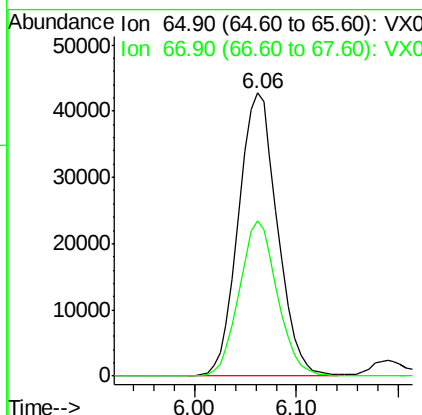
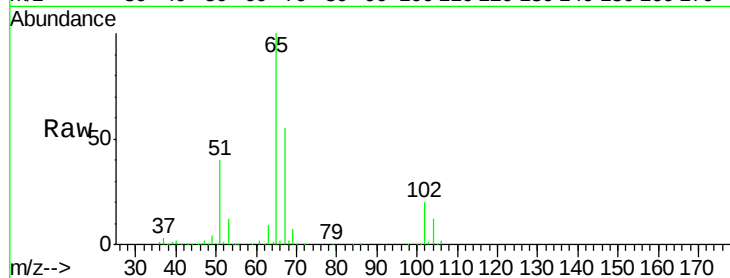
#33
 1,2-Dichloroethane-d4
 Concen: 50.744 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009335.D
 Acq: 04 May 2019 01:13

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW113-190430MSD

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	106.6

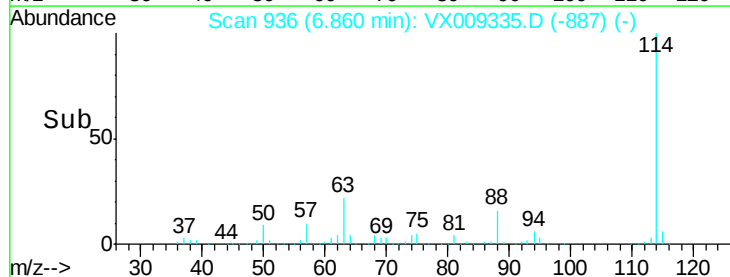
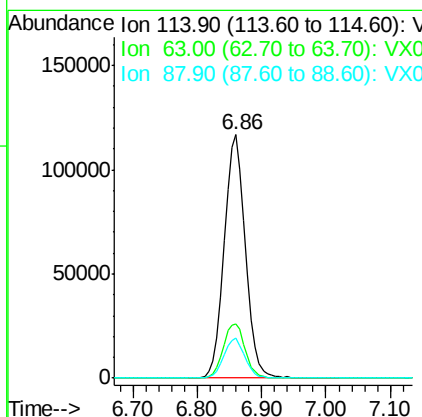
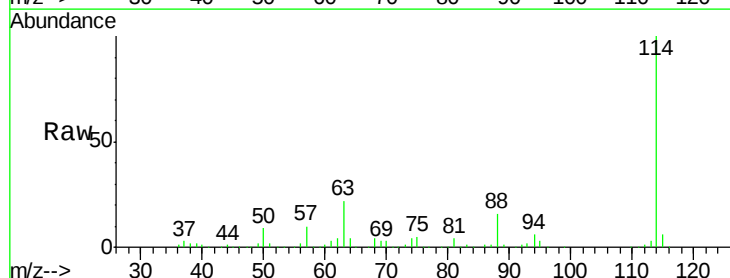
Manual Integrations
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009335.D
 Acq: 04 May 2019 01:13

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	45.6
88	16.4	0.0	33.2





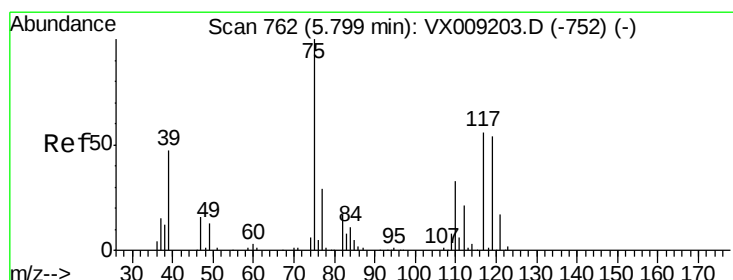
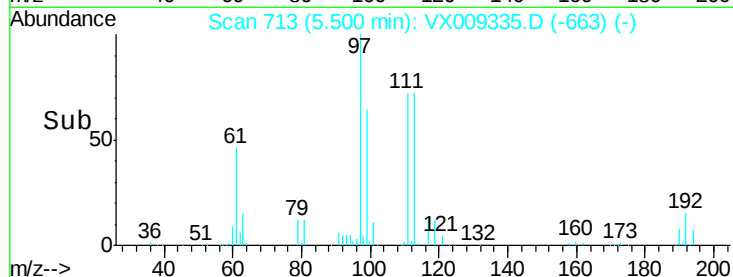
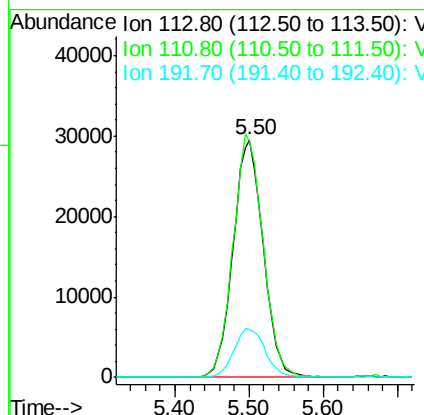
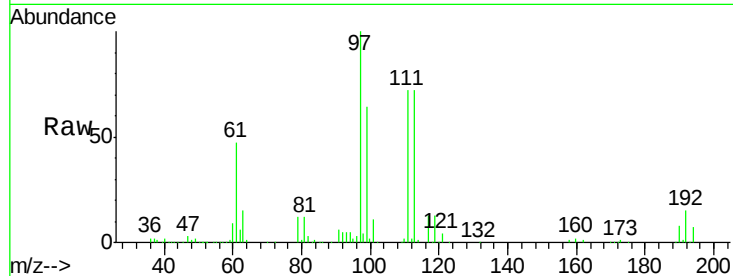
#35
 Dibromofluoromethane
 Concen: 49.061 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009335.D
 Acq: 04 May 2019 01:13

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW113-190430MSD

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.8	124.2
192	21.4	17.0	25.6

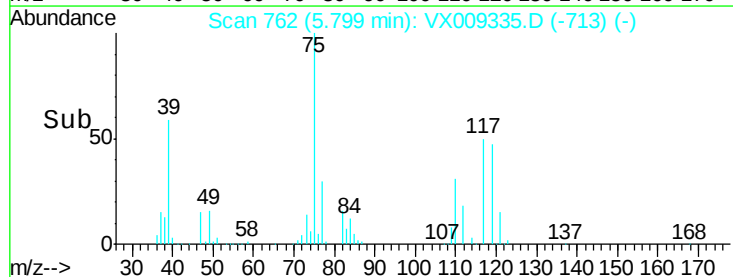
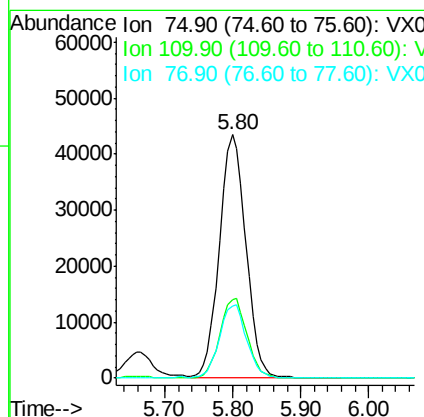
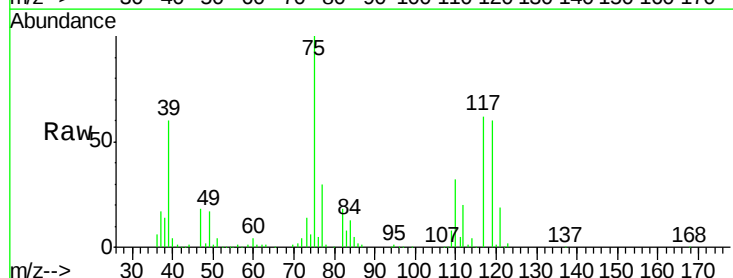
Manual Integrations
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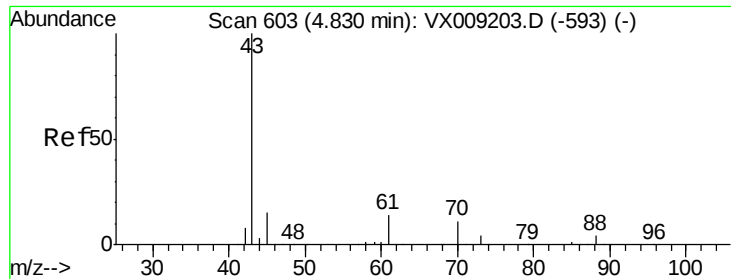
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#36
 1,1-Dichloropropene
 Concen: 46.910 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX009335.D
 Acq: 04 May 2019 01:13

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.2	16.9	50.6
77	30.8	24.8	37.2





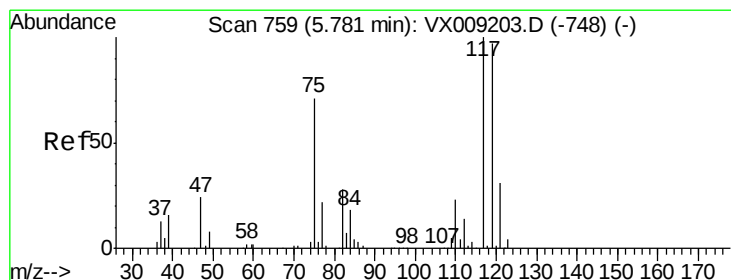
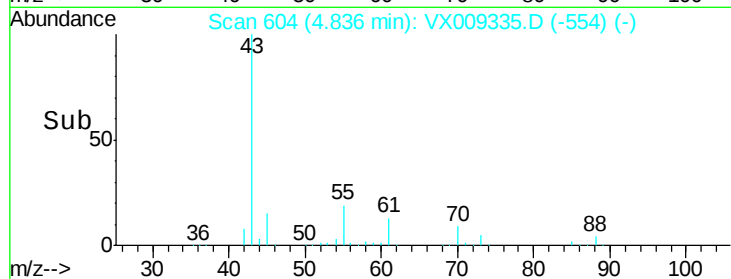
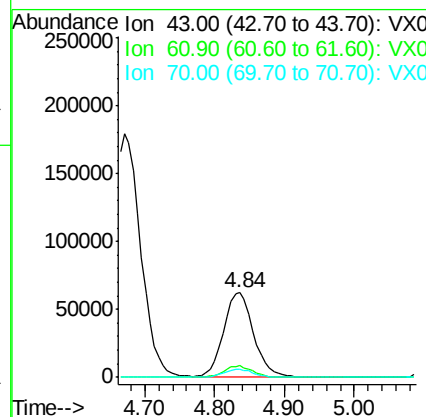
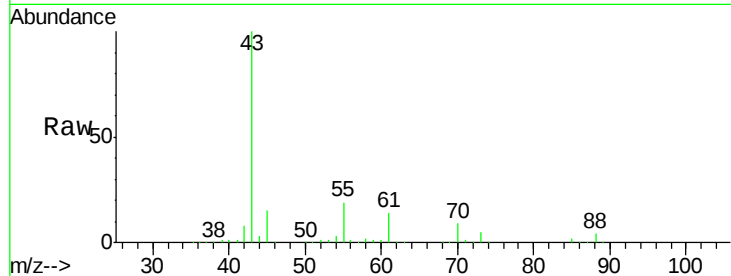
#37
Ethyl Acetate
Concen: 52.602 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX009335.D
Acq: 04 May 2019 01:13

Instrument :
MSVOA_X
ClientSampleId :
SS050MW113-190430MSD

Tot Ion	43	61	70
Resp	184832	12.9	9.4
Lower		10.5	7.9
Upper		15.7	11.9

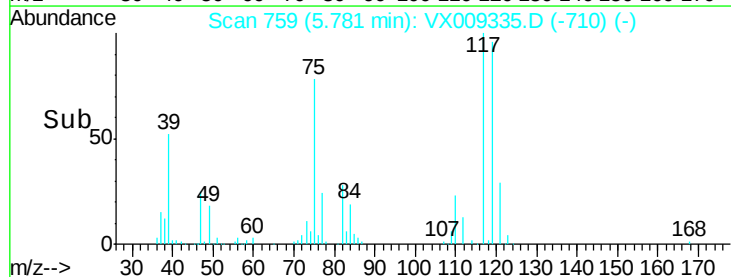
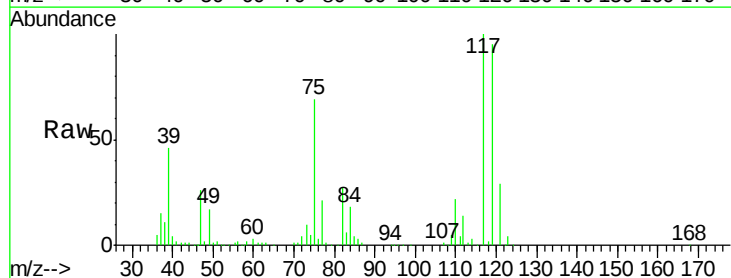
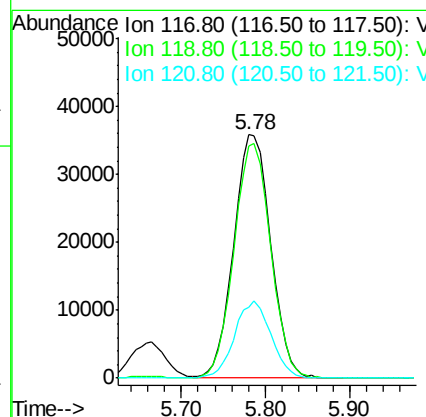
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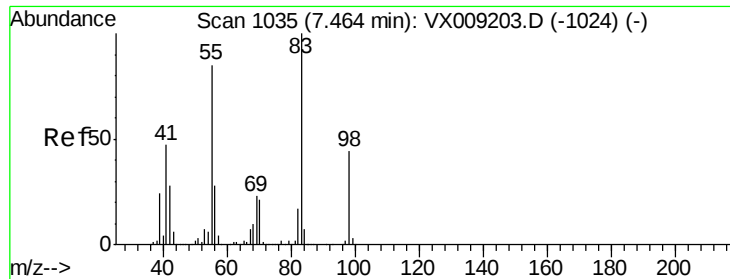
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#38
Carbon Tetrachloride
Concen: 46.663 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX009335.D
Acq: 04 May 2019 01:13

Tgt Ion	117	119	121
Resp	106920	95.2	29.3
Lower		77.5	24.7
Upper		116.3	37.1





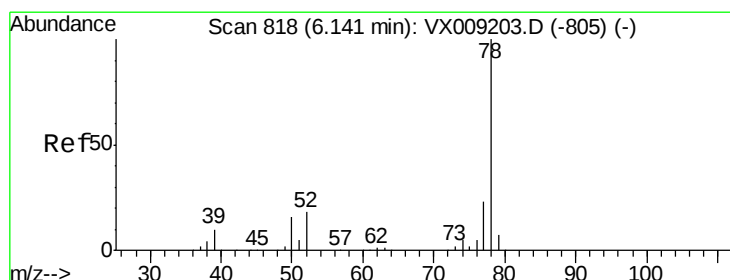
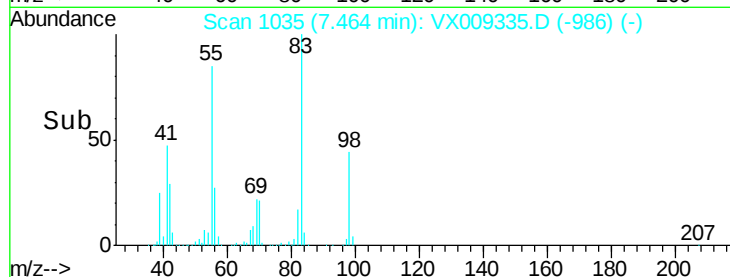
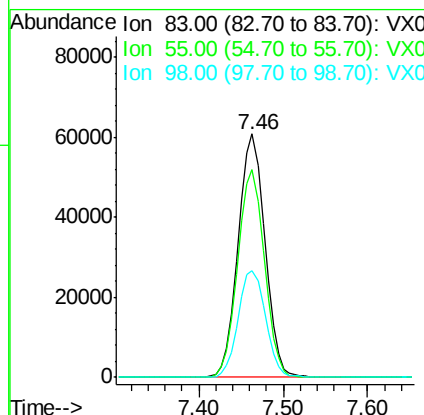
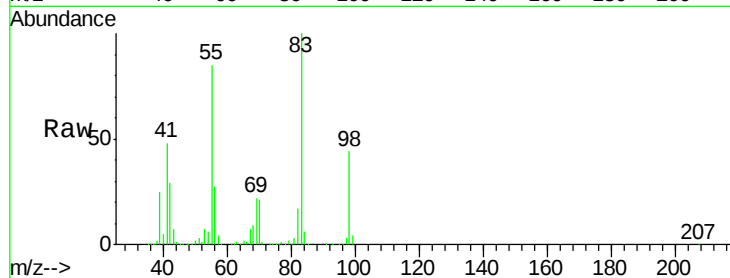
#39
Methvlcvclohexane
Concen: 42.095 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX009335.D
Acq: 04 May 2019 01:13

Instrument :
MSVOA_X
ClientSampleId :
SS050MW113-190430MSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	85.5	67.7	101.5
98	43.9	35.5	53.3

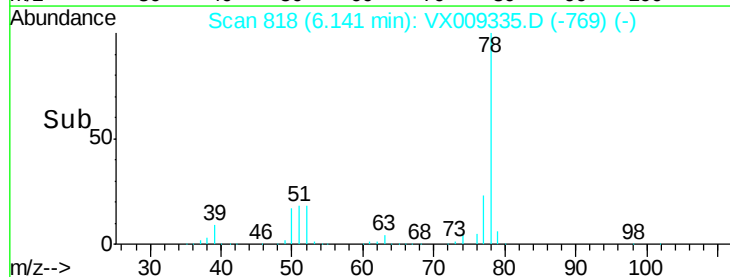
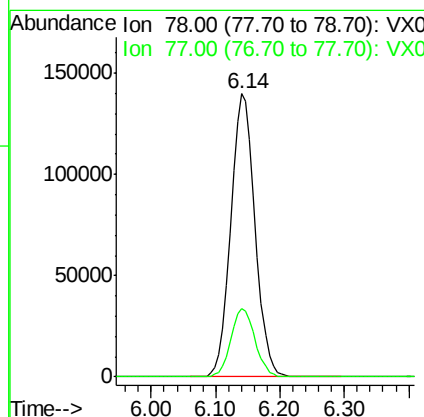
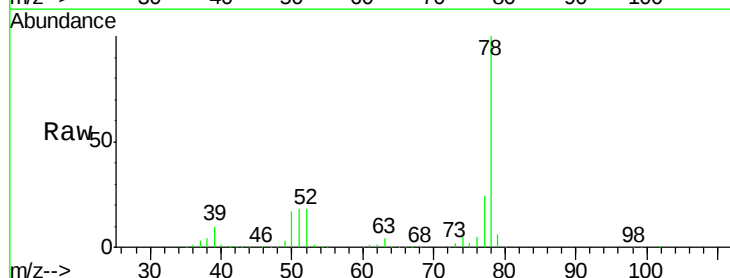
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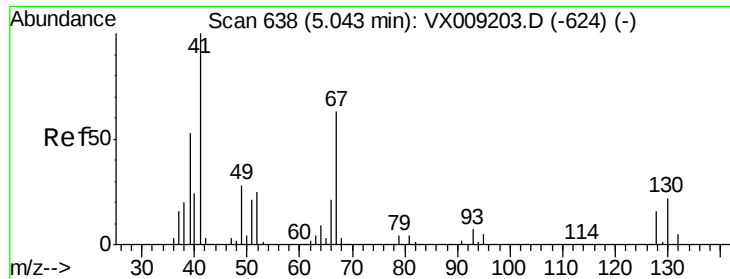
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#40
Benzene
Concen: 47.345 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX009335.D
Acq: 04 May 2019 01:13

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.8	28.2





#41

Methacrylonitrile

Concen: 51.623 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX009335.D

Acq: 04 May 2019 01:13

Instrument :

MSVOA_X

ClientSampleId :

SS050MW113-190430MSD

Tot Ion: 41 Resp: 107976

Ion Ratio Lower Upper

41 100

39 52.5 42.0 63.0

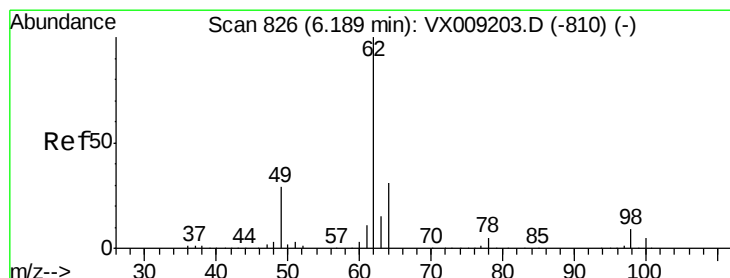
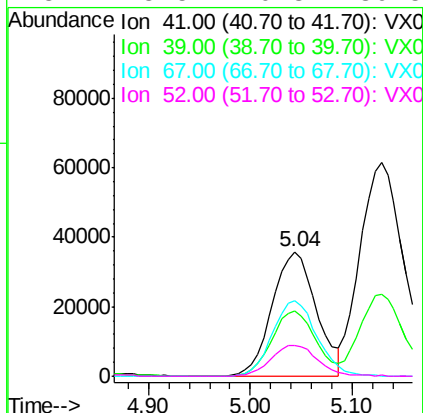
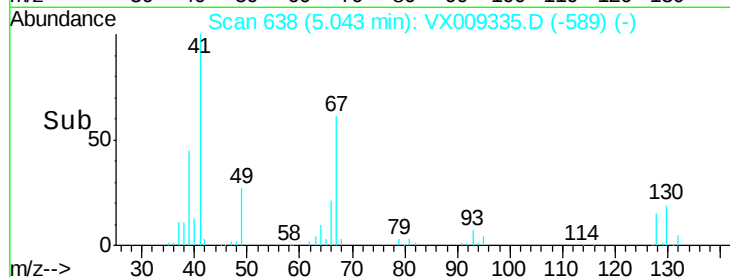
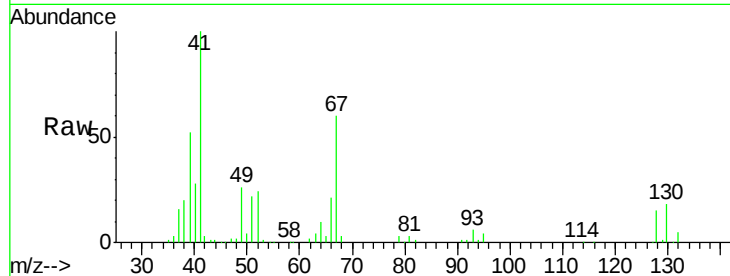
67 61.3 49.8 74.8

52 25.5 20.3 30.5

Manual Integrations
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5/6/2019 9:25:10 AM



#42

1,2-Dichloroethane

Concen: 48.024 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.00 min

Lab File: VX009335.D

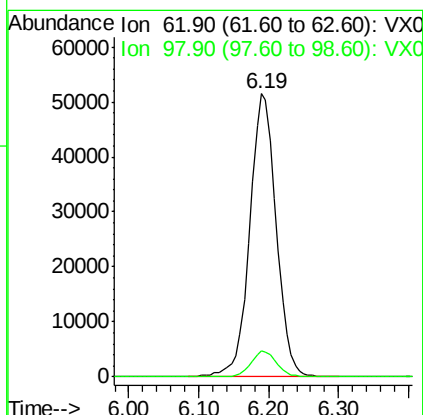
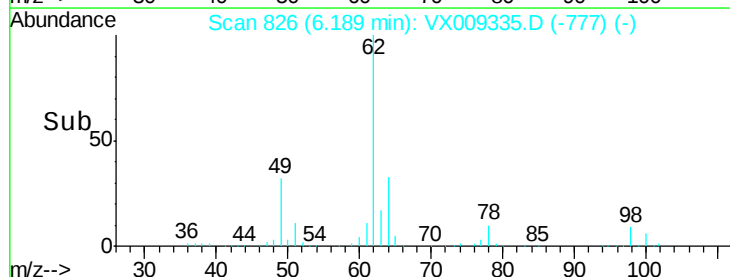
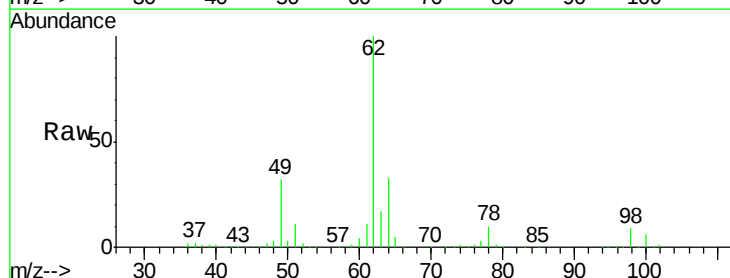
Acq: 04 May 2019 01:13

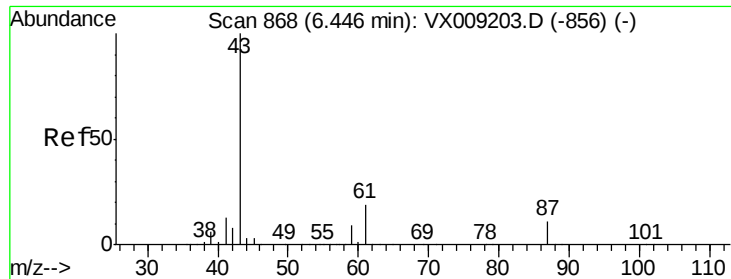
Tgt Ion: 62 Resp: 134456

Ion Ratio Lower Upper

62 100

98 8.9 0.0 18.2





#43

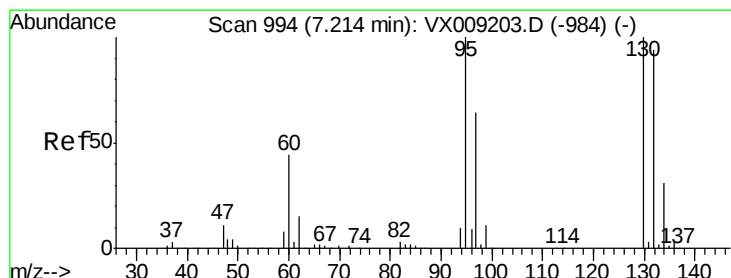
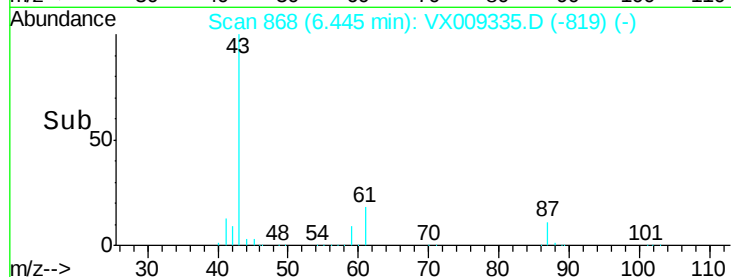
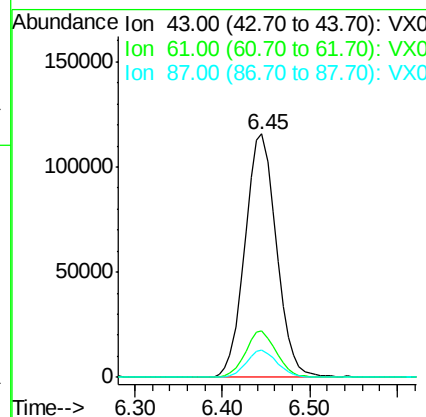
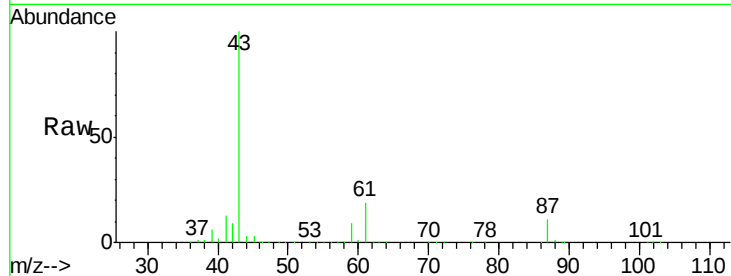
Isopropyl Acetate
 Concen: 51.496 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: VX009335.D
 Acq: 04 May 2019 01:13

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW113-190430MSD

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

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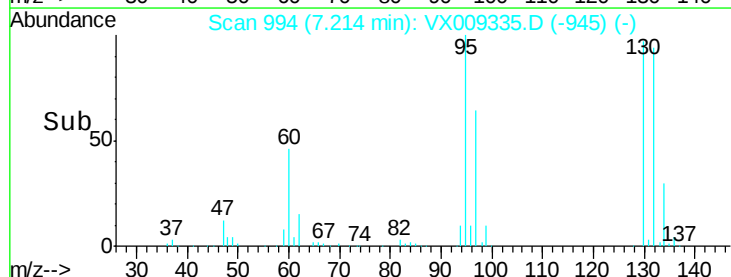
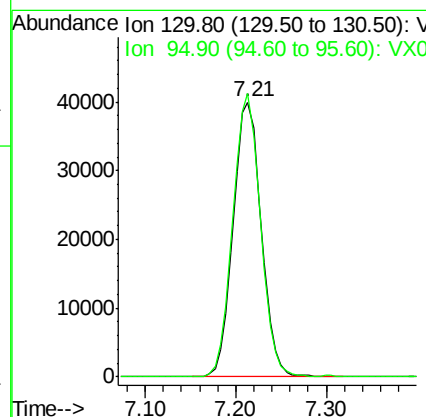
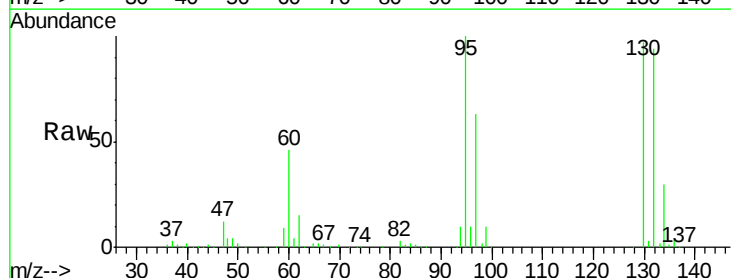
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#44

Trichloroethene
 Concen: 45.642 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX009335.D
 Acq: 04 May 2019 01:13

Tgt Ion	Ratio	Lower	Upper
130	100		
95	103.0	0.0	199.2





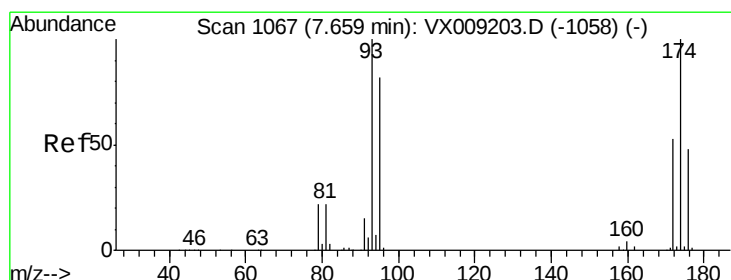
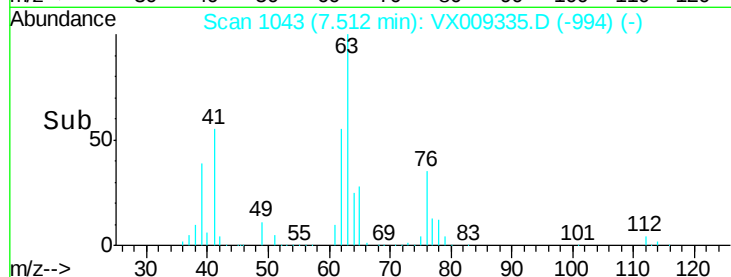
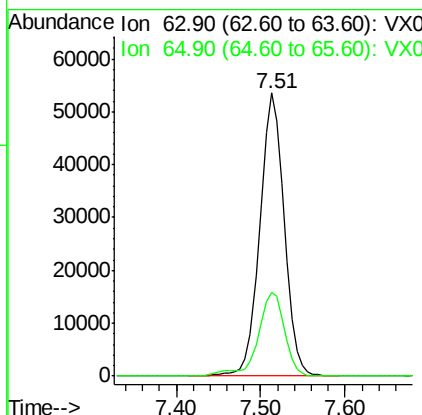
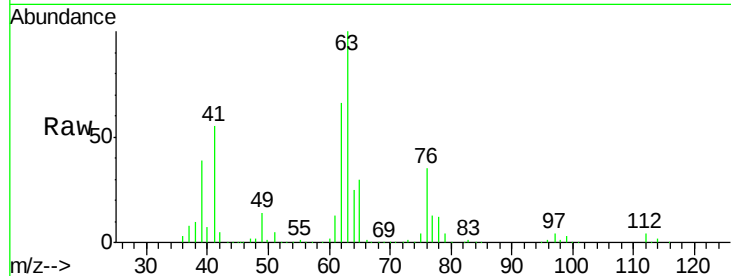
#45
 1,2-Dichloropropane
 Concen: 48.388 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX009335.D
 Acq: 04 May 2019 01:13

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW113-190430MSD

Tot Ion: 63 Resp: 106938
 Ion Ratio Lower Upper
 63 100
 65 29.7 25.0 37.6

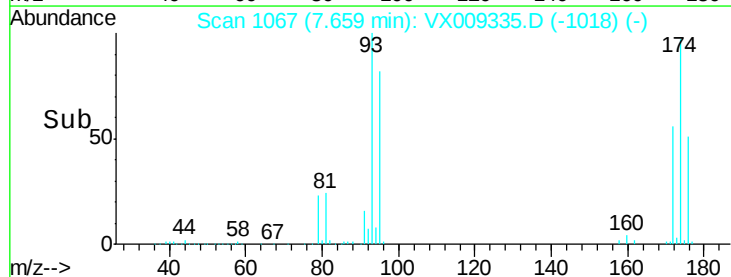
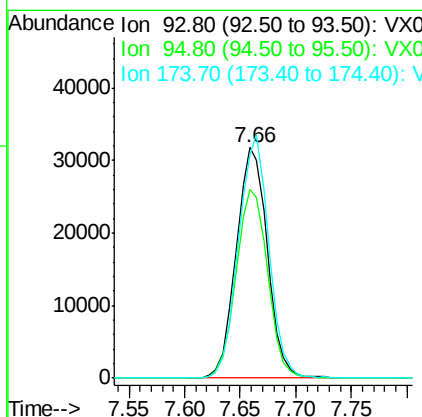
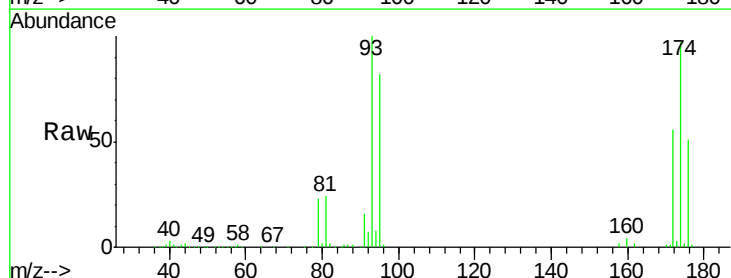
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#46
 Dibromomethane
 Concen: 47.988 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX009335.D
 Acq: 04 May 2019 01:13

Tgt Ion: 93 Resp: 61587
 Ion Ratio Lower Upper
 93 100
 95 83.0 66.5 99.7
 174 103.2 82.1 123.1





#47

Bromodichloromethane

Concen: 48.700 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009335.D

Acq: 04 May 2019 01:13

Instrument :

MSVOA_X

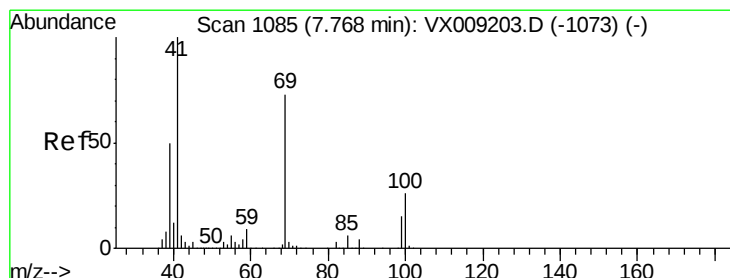
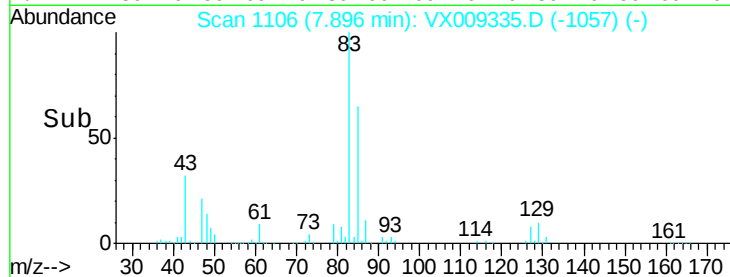
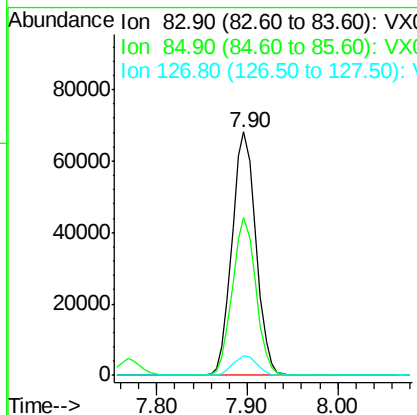
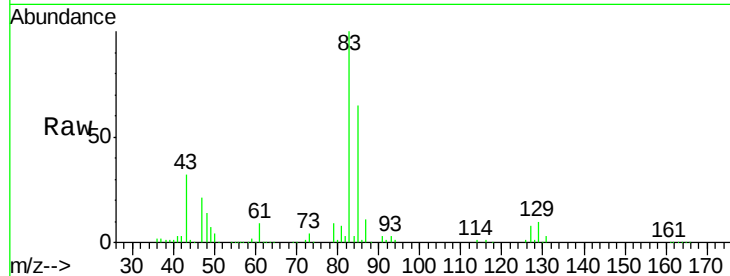
ClientSampleId :

SS050MW113-190430MSD

Tot Ion:	83	Resp:	124673
Ion	Ratio	Lower	Upper
83	100		
85	64.7	52.4	78.6
127	8.2	6.6	10.0

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#48

Methyl methacrylate

Concen: 52.683 ug/l

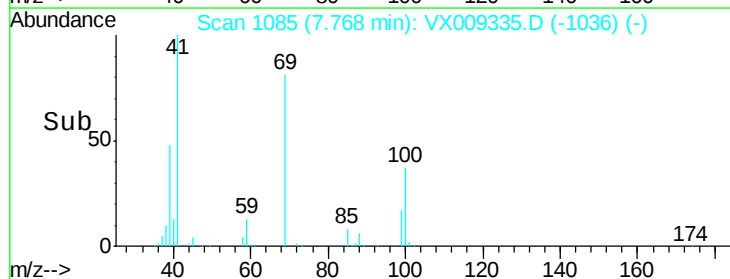
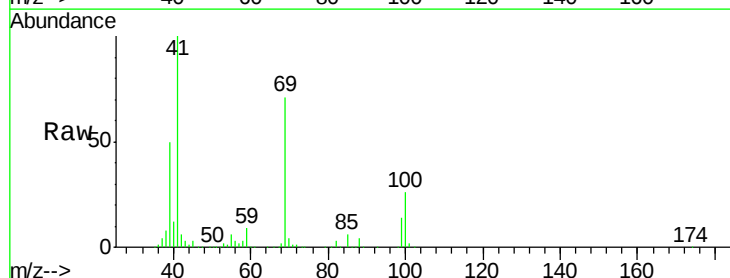
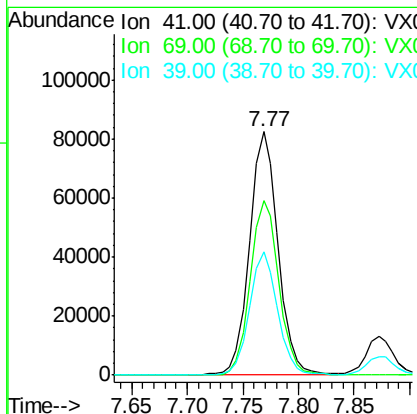
RT: 7.77 min Scan# 1085

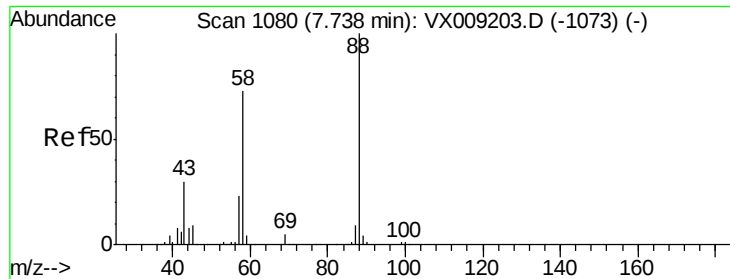
Delta R.T. -0.00 min

Lab File: VX009335.D

Acq: 04 May 2019 01:13

Tgt Ion:	41	Resp:	146904
Ion	Ratio	Lower	Upper
41	100		
69	72.9	59.1	88.7
39	49.7	40.4	60.6





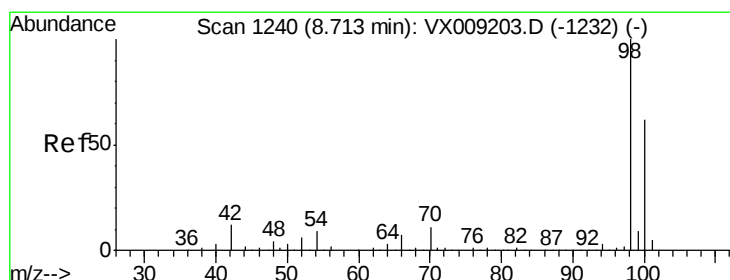
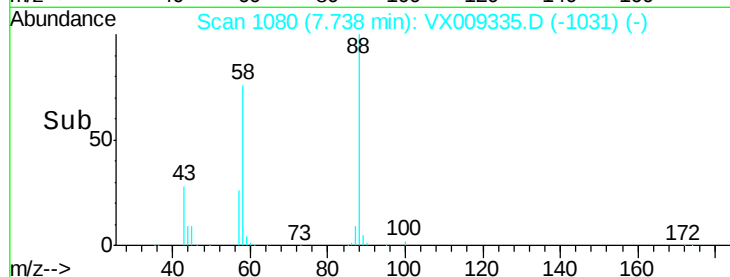
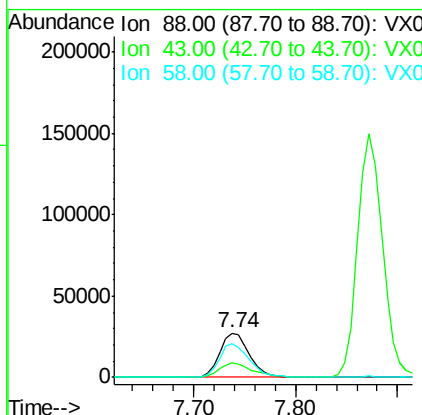
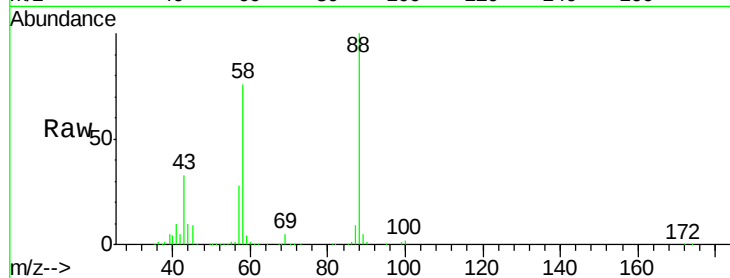
#49
1,4-Dioxane
Concen: 965.969 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX009335.D
Acq: 04 May 2019 01:13

Instrument :
MSVOA_X
ClientSampleId :
SS050MW113-190430MSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.2	28.6	42.8
58	78.4	61.7	92.5

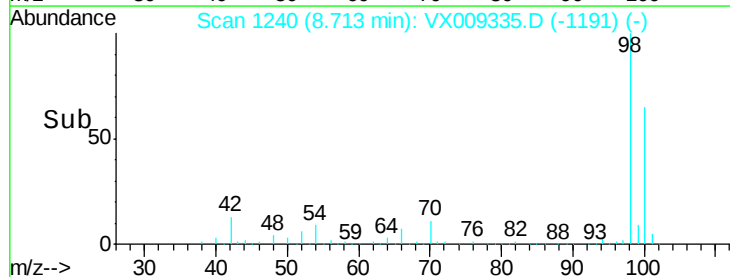
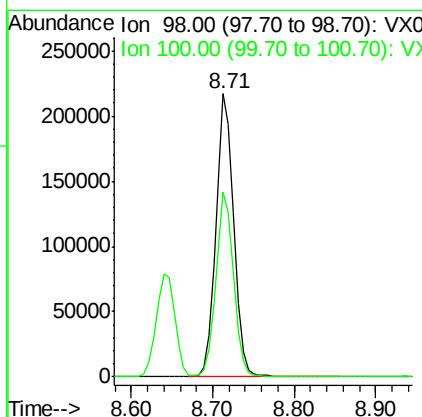
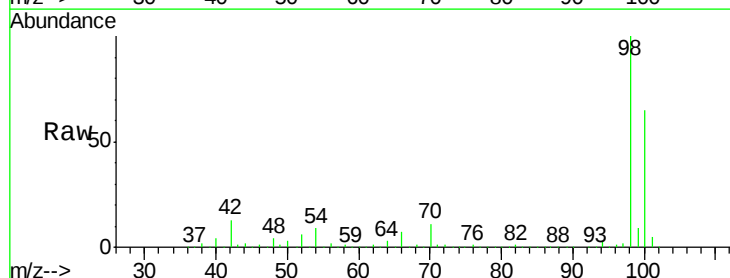
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#50
Toluene-d8
Concen: 48.598 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009335.D
Acq: 04 May 2019 01:13

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	51.2	76.8





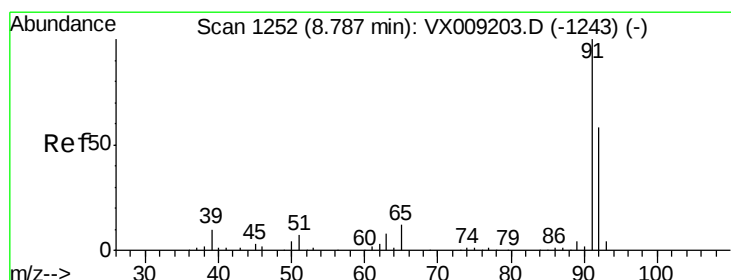
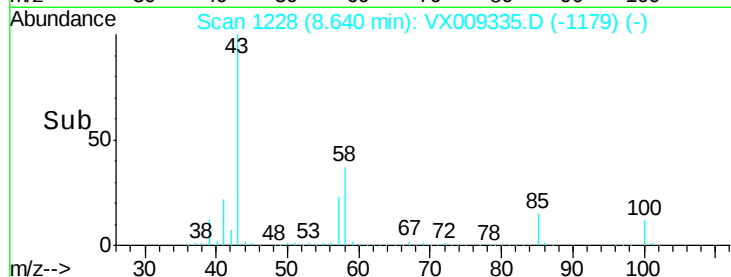
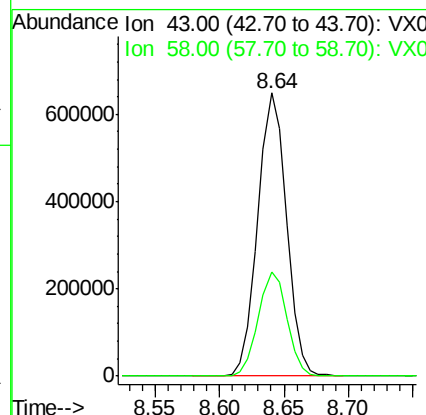
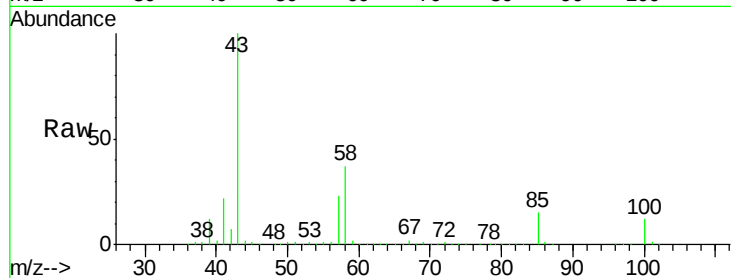
#51
4-Methyl-2-Pentanone
Concen: 272.053 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX009335.D
Acq: 04 May 2019 01:13

Instrument :
MSVOA_X
ClientSampleId :
SS050MW113-190430MSD

Tot Ion	43	58	Resp	999428
Ion Ratio	100	36.8	Lower	Upper
		29.5		44.3

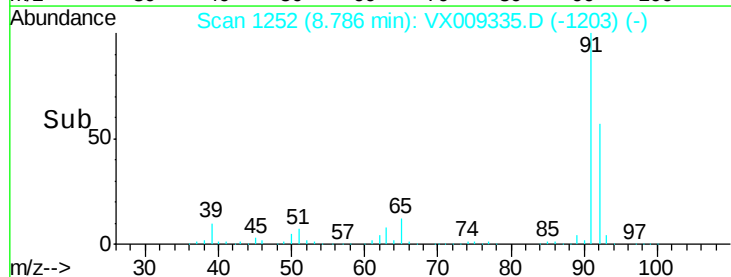
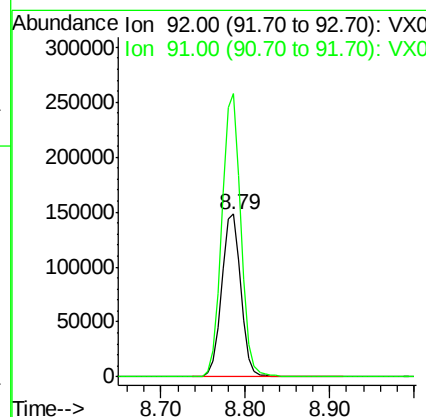
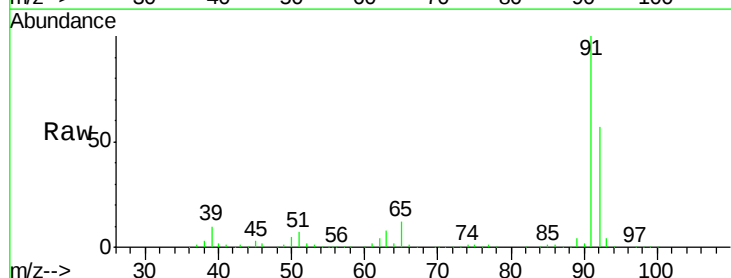
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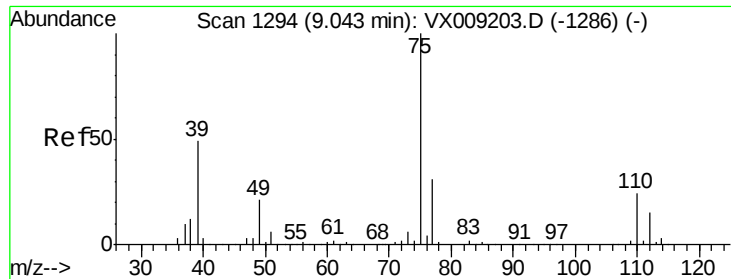
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#52
Toluene
Concen: 49.450 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX009335.D
Acq: 04 May 2019 01:13

Tgt Ion	92	91	Resp	234609
Ion Ratio	100	172.1	Lower	Upper
		138.8		208.2





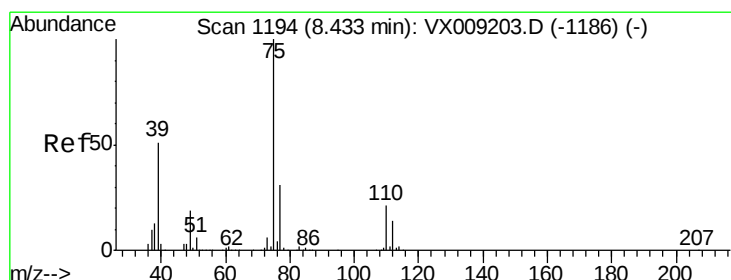
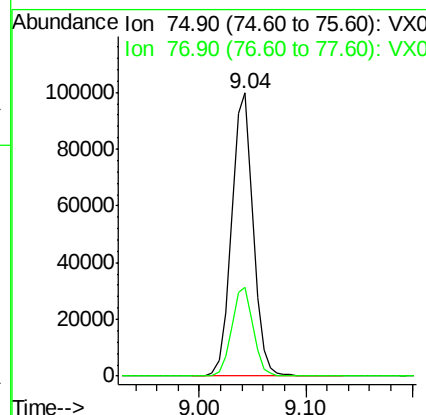
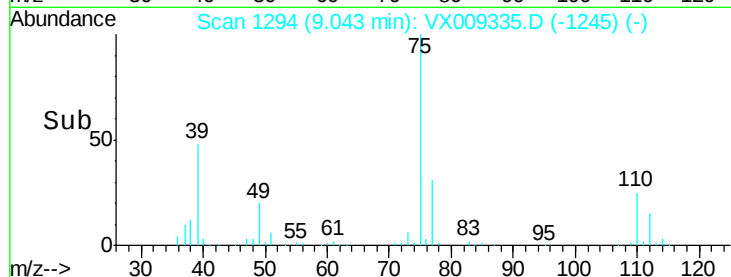
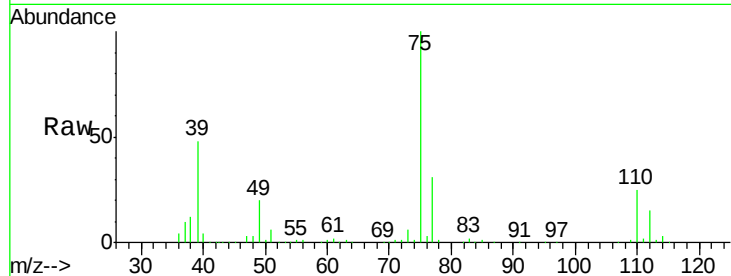
#53
 t-1,3-Dichloropropene
 Concen: 48.997 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX009335.D
 Acq: 04 May 2019 01:13

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW113-190430MSD

Tot Ion: 75 Resp: 141616
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.0 37.6

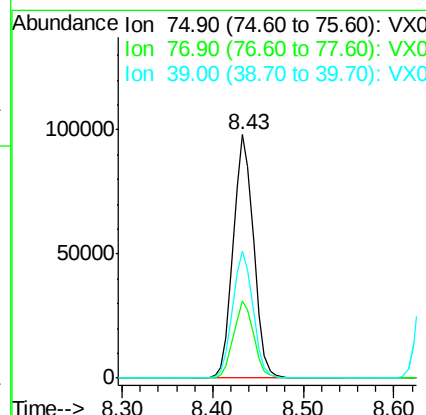
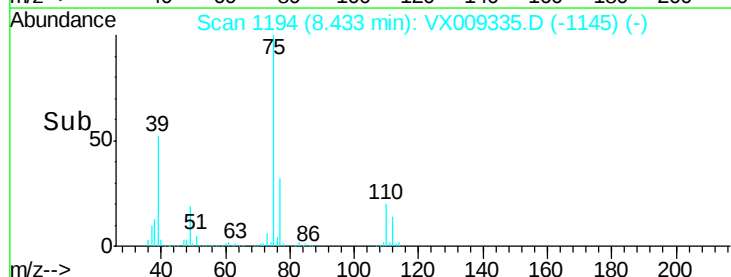
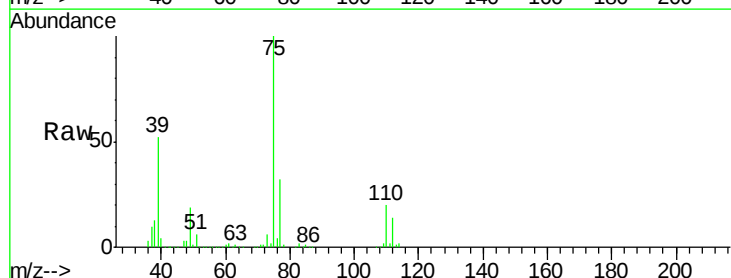
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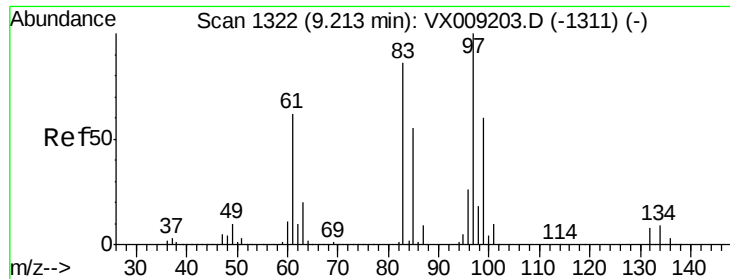
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#54
 cis-1,3-Dichloropropene
 Concen: 47.980 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX009335.D
 Acq: 04 May 2019 01:13

Tgt Ion: 75 Resp: 153492
 Ion Ratio Lower Upper
 75 100
 77 31.7 24.6 36.8
 39 52.3 40.6 60.8





#55

1,1,2-Trichloroethane

Concen: 49.123 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX009335.D

Acq: 04 May 2019 01:13

Instrument :

MSVOA_X

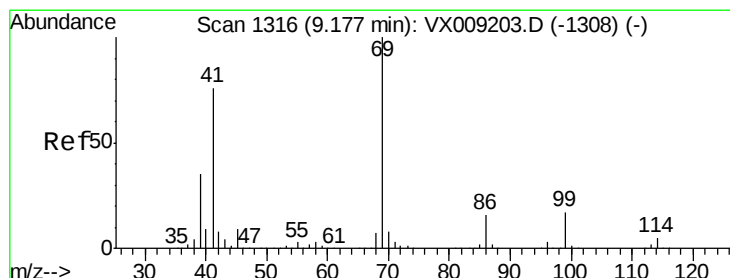
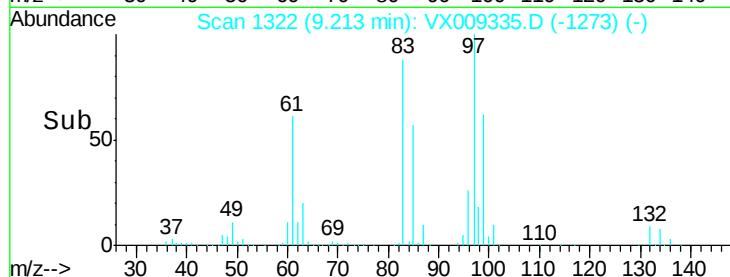
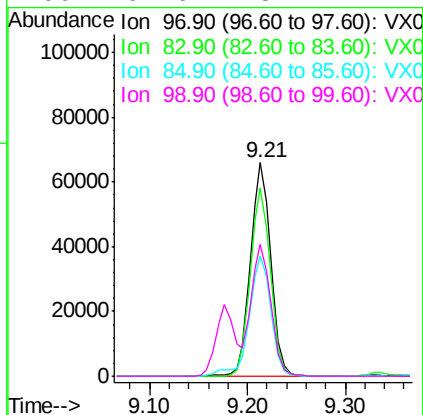
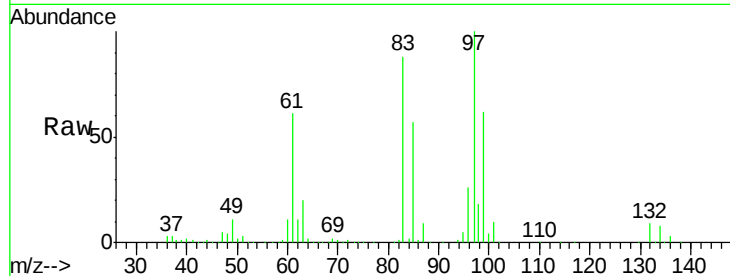
ClientSampleId :

SS050MW113-190430MSD

Tot Ion:	97	Resp:	95082
Ion	Ratio	Lower	Upper
97	100		
83	88.1	68.9	103.3
85	56.5	43.8	65.6
99	61.6	48.2	72.2

Manual Integrations
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#56

Ethyl methacrylate

Concen: 50.724 ug/l

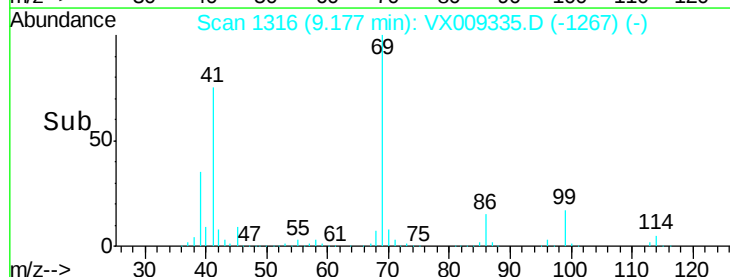
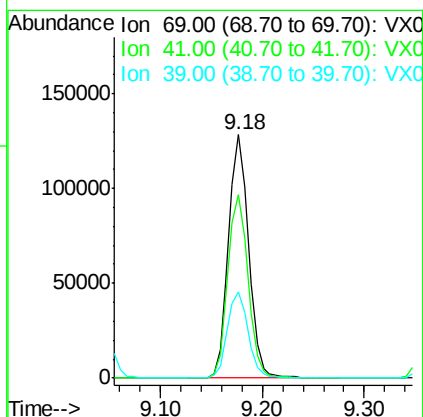
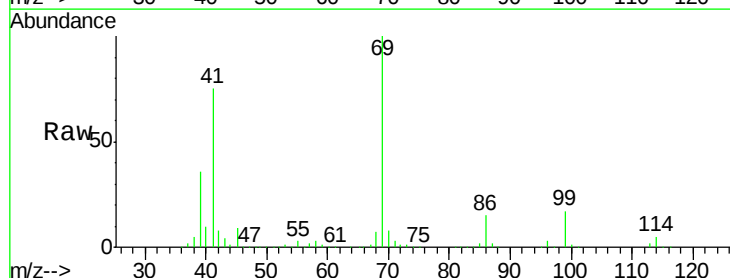
RT: 9.18 min Scan# 1316

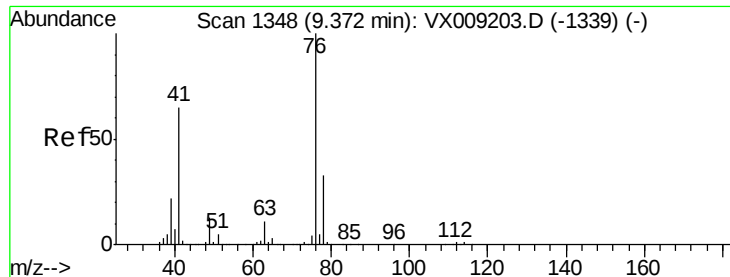
Delta R.T. -0.00 min

Lab File: VX009335.D

Acq: 04 May 2019 01:13

Tgt Ion:	69	Resp:	175258
Ion	Ratio	Lower	Upper
69	100		
41	76.0	60.6	90.8
39	35.9	28.2	42.4





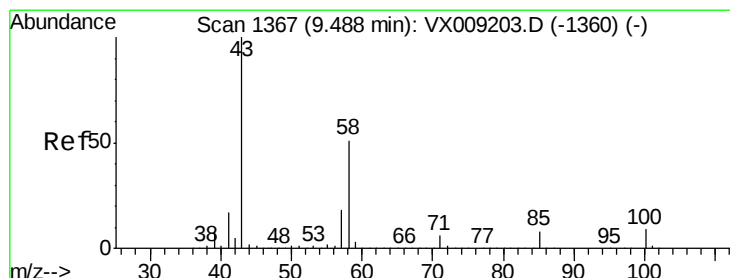
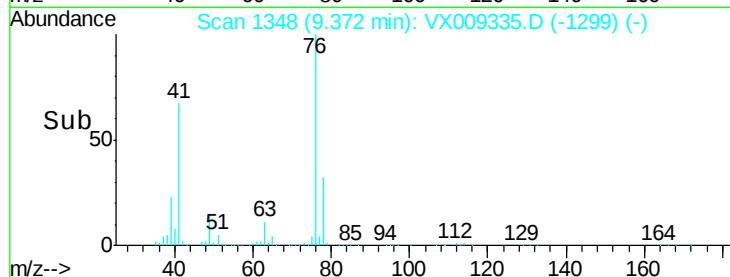
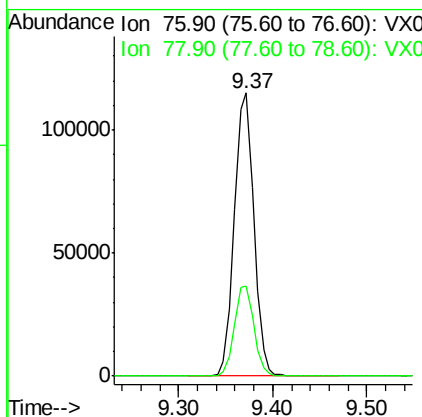
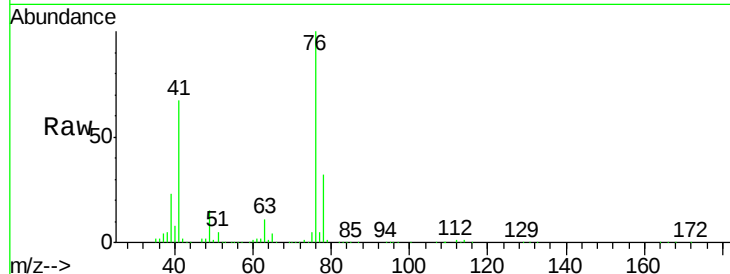
#57
 1,3-Dichloropropane
 Concen: 48.598 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX009335.D
 Acq: 04 May 2019 01:13

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW113-190430MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.5	38.3

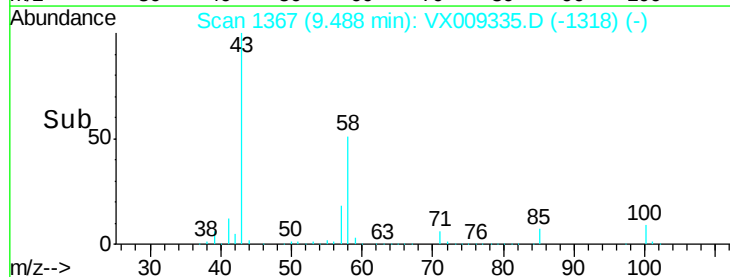
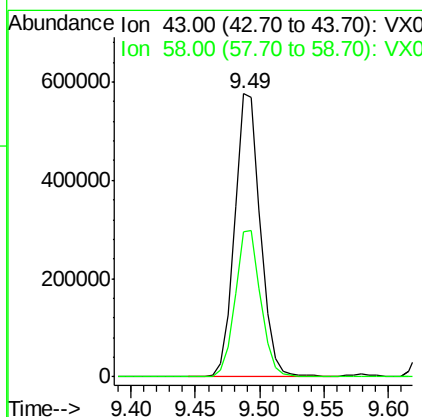
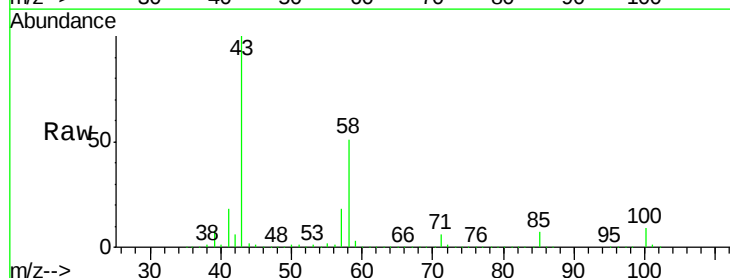
Manual Integrations
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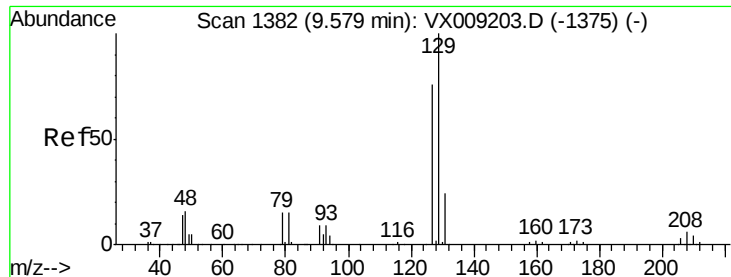
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#59
 2-Hexanone
 Concen: 276.724 ug/l
 RT: 9.49 min Scan# 1367
 Delta R.T. -0.00 min
 Lab File: VX009335.D
 Acq: 04 May 2019 01:13

Tgt Ion	Ratio	Lower	Upper
43	100		
58	51.5	25.9	77.7





#60

Dibromochloromethane

Concen: 50.046 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VX009335.D

Acq: 04 May 2019 01:13

Instrument :

MSVOA_X

ClientSampleId :

SS050MW113-190430MSD

Tot Ion:129 Resp: 94610

Ion Ratio Lower Upper

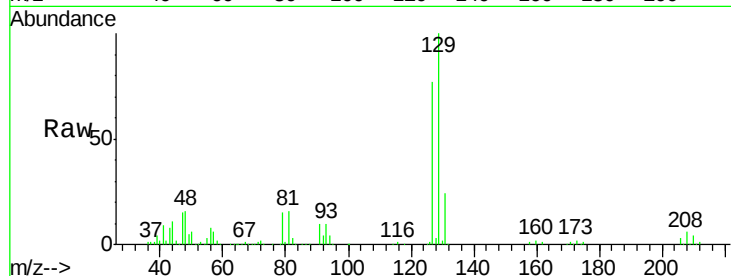
129 100

127 77.4 38.4 115.1

Manual Integrations
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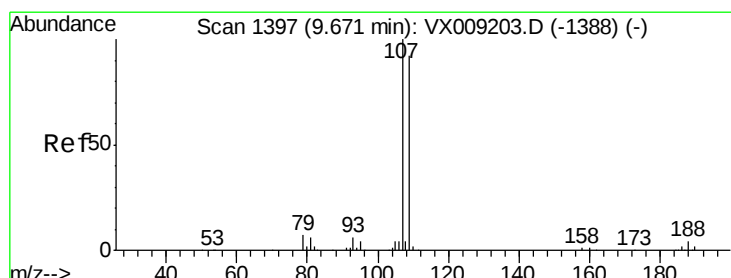
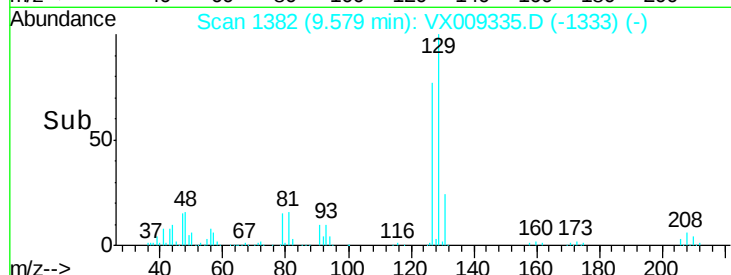
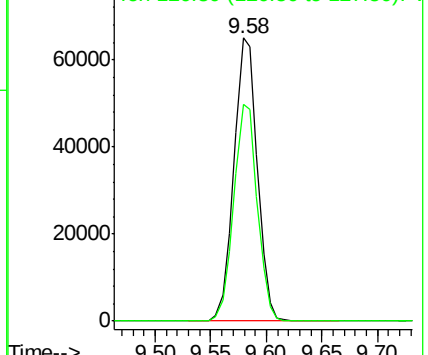
MMDadoda

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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 48.991 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX009335.D

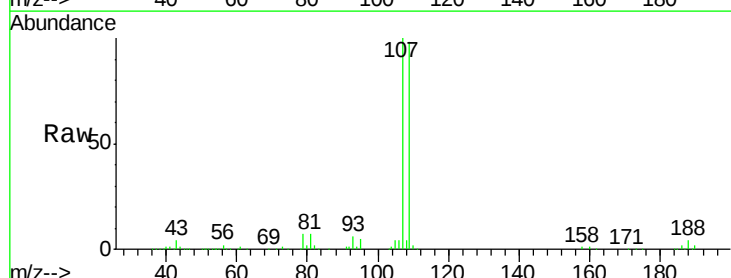
Acq: 04 May 2019 01:13

Tgt Ion:107 Resp: 95721

Ion Ratio Lower Upper

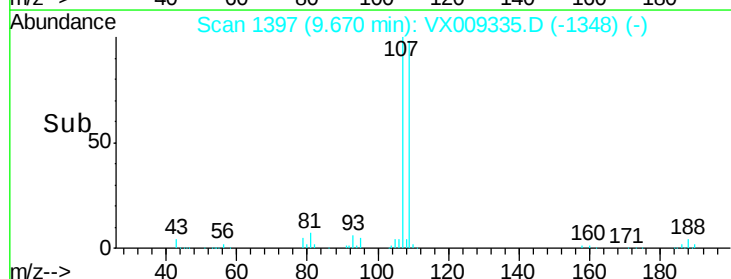
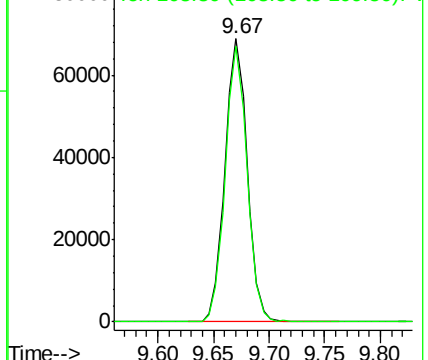
107 100

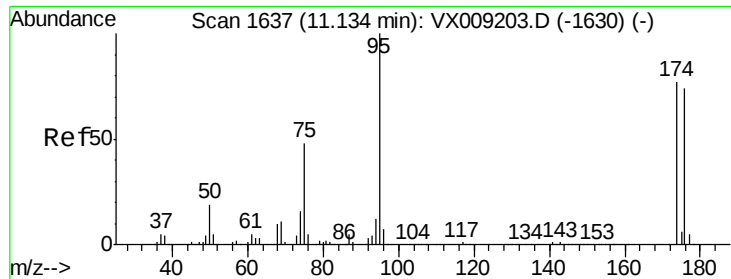
109 95.3 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 49.668 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009335.D

Acq: 04 May 2019 01:13

Instrument :

MSVOA_X

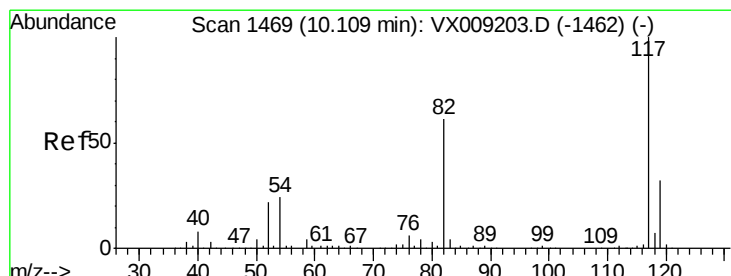
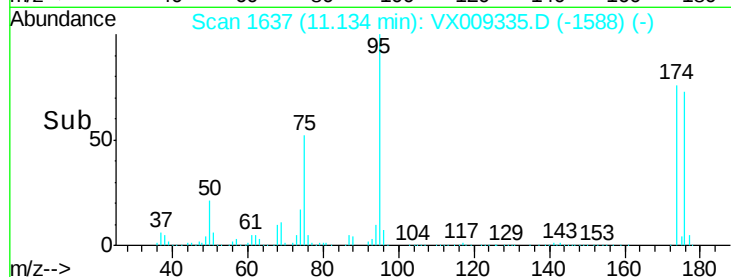
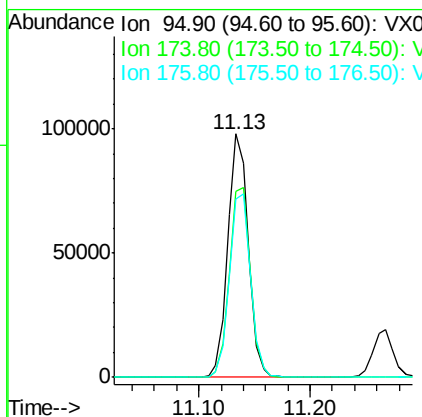
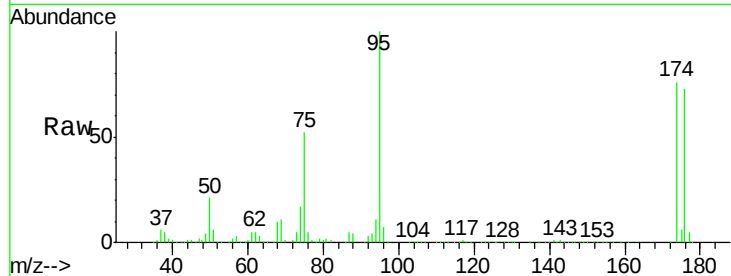
ClientSampleId :

SS050MW113-190430MSD

Tot Ion:	95	Resp:	124299
Ion Ratio	Lower	Upper	
95	100		
174	80.3	0.0	161.6
176	78.2	0.0	159.2

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5/6/2019 9:25:10 AM



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

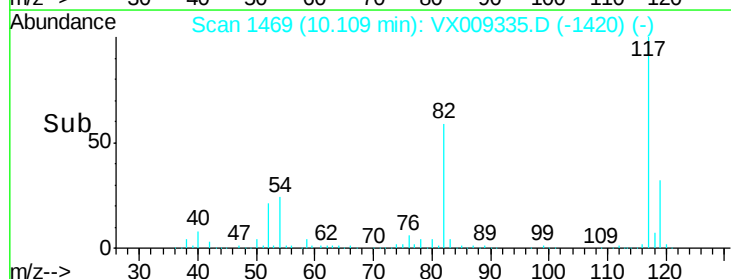
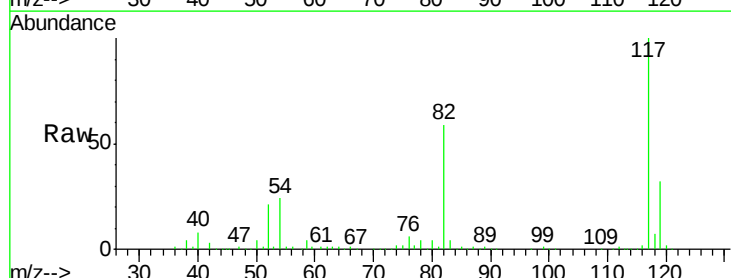
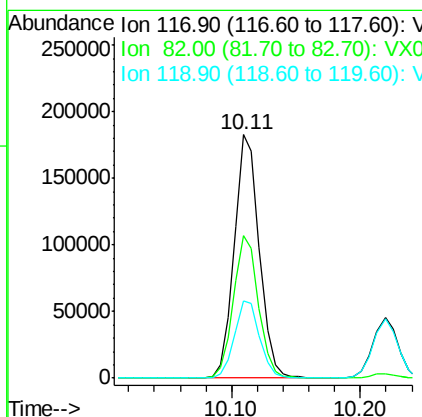
RT: 10.11 min Scan# 1469

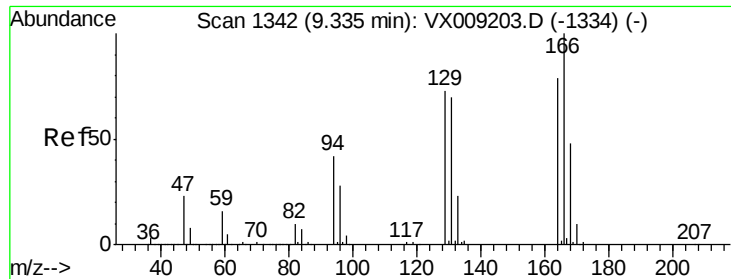
Delta R.T. -0.00 min

Lab File: VX009335.D

Acq: 04 May 2019 01:13

Tgt Ion:	117	Resp:	246766
Ion Ratio	Lower	Upper	
117	100		
82	58.7	48.8	73.2
119	31.8	25.8	38.6





#64

Tetrachloroethene

Concen: 42.843 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX009335.D

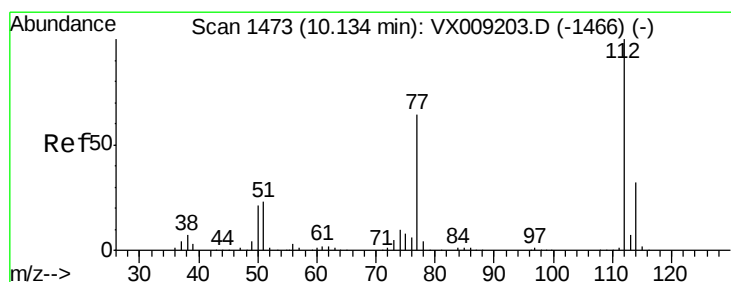
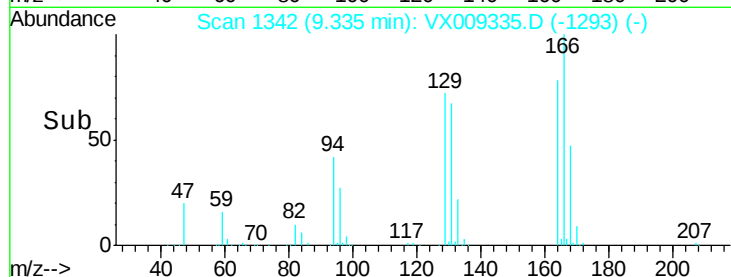
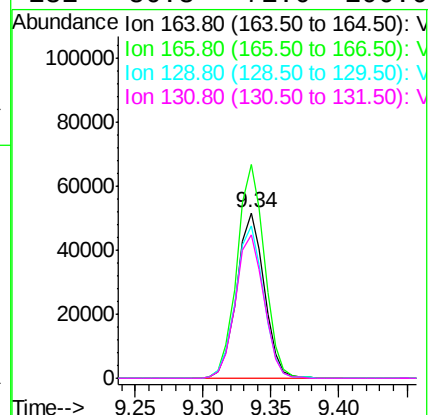
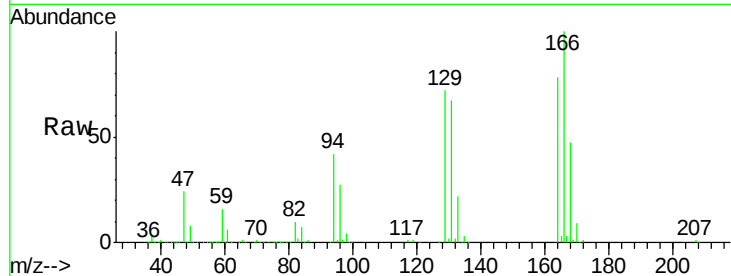
Acq: 04 May 2019 01:13

Instrument :
MSVOA_X
ClientSampleId :
SS050MW113-190430MSD

Tot Ion:	164	Resp:	72521
Ion Ratio	Lower	Upper	
164	100		
166	128.9	101.2	151.8
129	92.3	74.3	111.5
131	86.3	71.0	106.6

Manual Integrations
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#65

Chlorobenzene

Concen: 47.558 ug/l

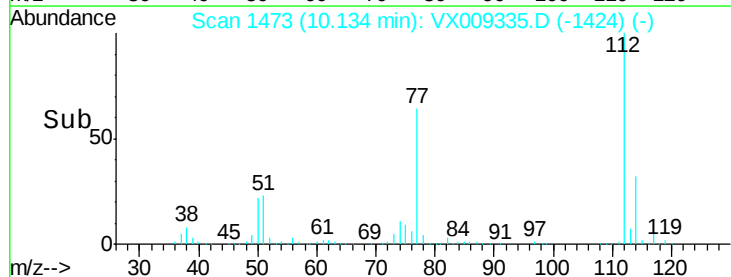
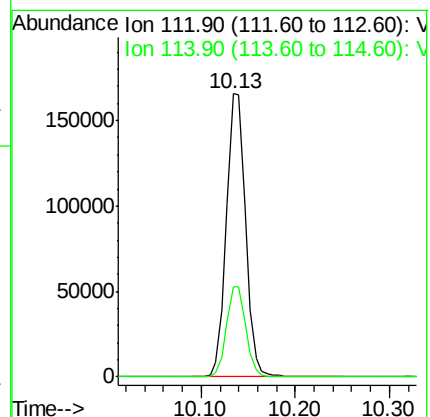
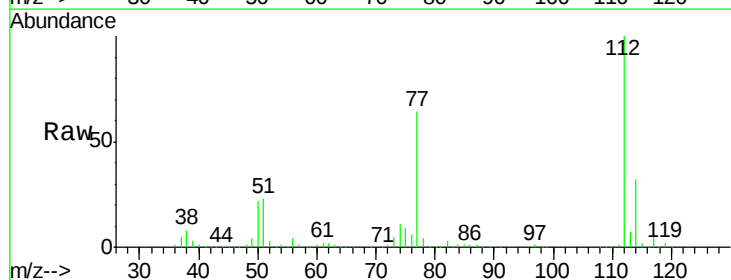
RT: 10.13 min Scan# 1473

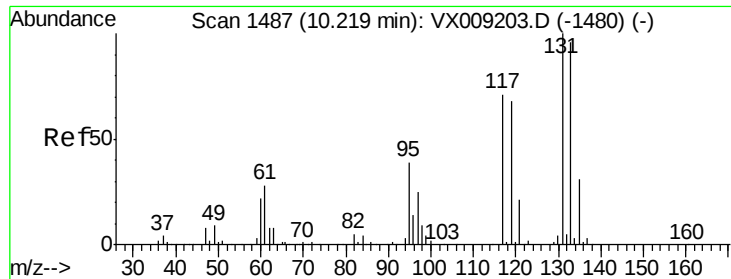
Delta R.T. -0.00 min

Lab File: VX009335.D

Acq: 04 May 2019 01:13

Tgt Ion:	112	Resp:	234766
Ion Ratio	Lower	Upper	
112	100		
114	31.9	25.5	38.3





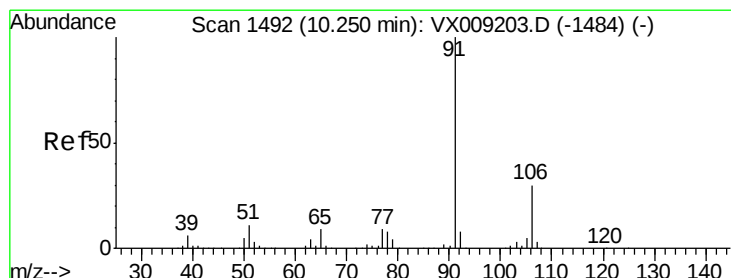
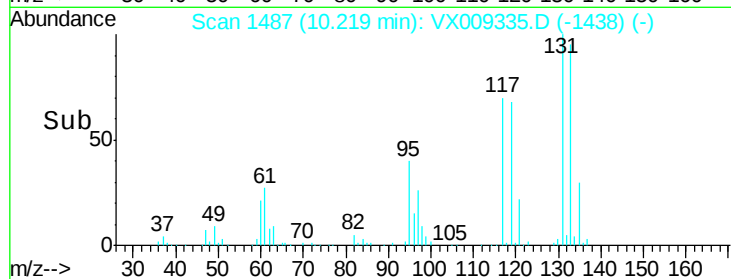
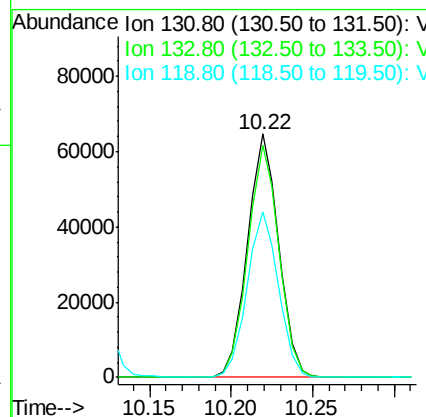
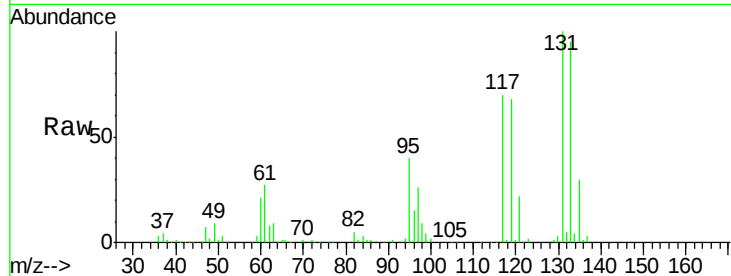
#66
 1,1,1,2-Tetrachloroethane
 Concen: 48.169 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VX009335.D
 Acq: 04 May 2019 01:13

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW113-190430MSD

Tot Ion	Ratio	Lower	Upper
131	100		
133	95.2	47.7	143.1
119	68.5	33.5	100.4

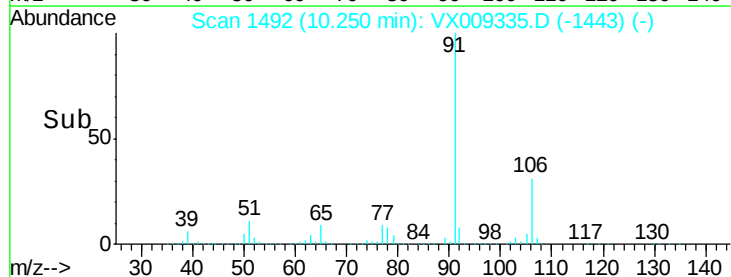
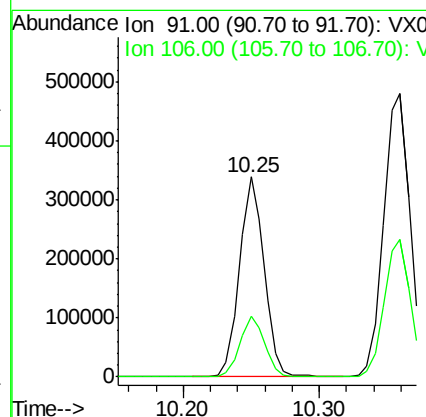
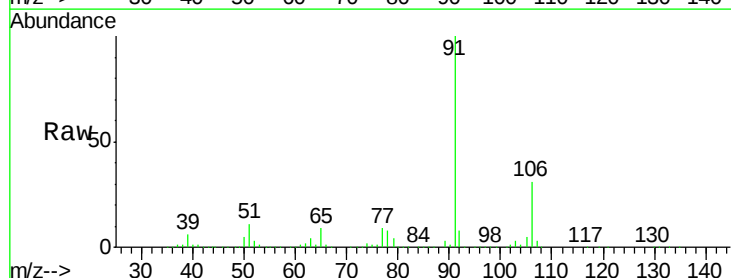
Manual Integrations
 APPROVED

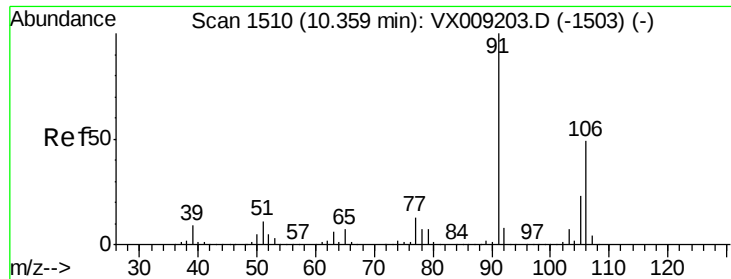
MMDadoda
 5/6/2019 9:25:10 AM



#67
 Ethyl Benzene
 Concen: 47.241 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX009335.D
 Acq: 04 May 2019 01:13

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.7	24.0	36.0





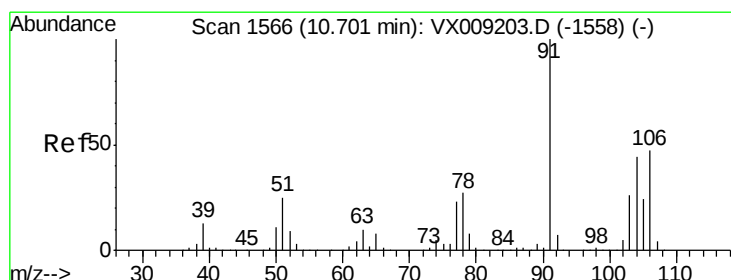
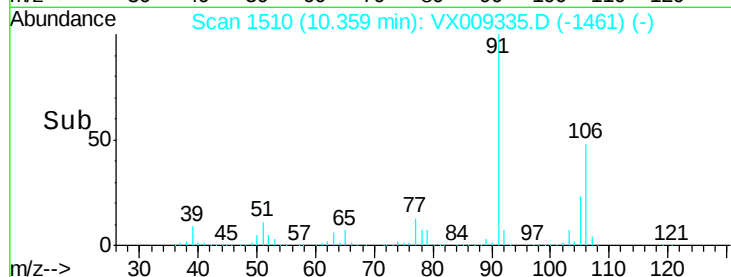
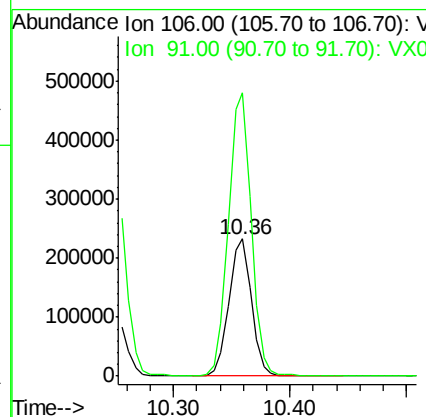
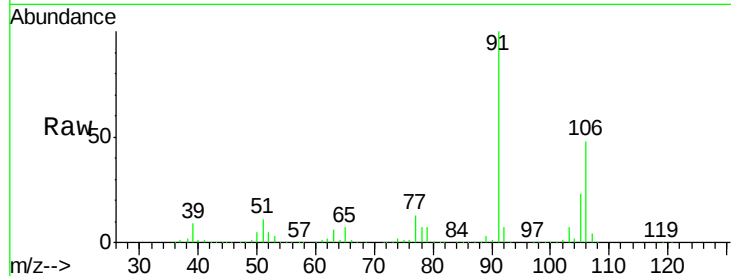
#68
m/p-Xvlenes
Concen: 94.026 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX009335.D
Acq: 04 May 2019 01:13

Instrument :
MSVOA_X
ClientSampleId :
SS050MW113-190430MSD

Tot Ion:106 Resp: 312158
Ion Ratio Lower Upper
106 100
91 208.4 164.0 246.0

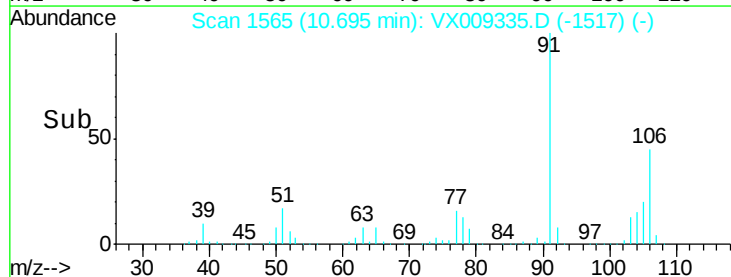
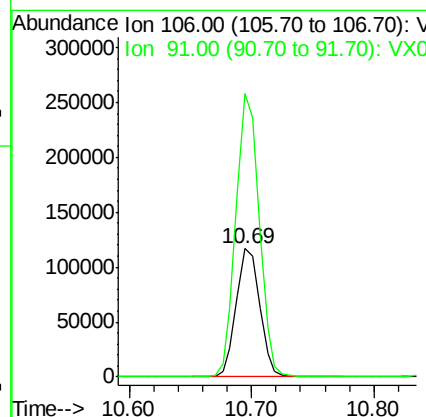
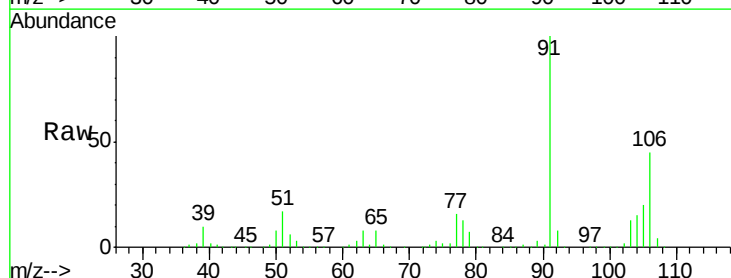
Manual Integrations
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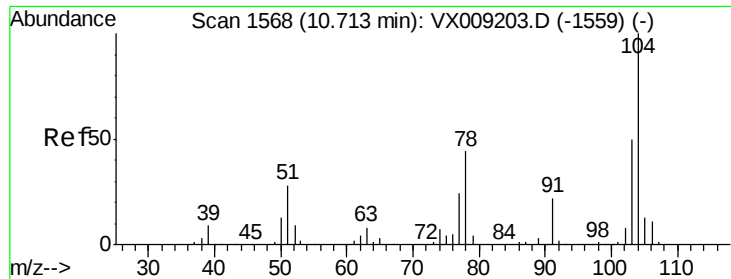
MMDadoda
5/6/2019 9:25:10 AM



#69
o-Xylene
Concen: 47.701 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009335.D
Acq: 04 May 2019 01:13

Tgt Ion:106 Resp: 156249
Ion Ratio Lower Upper
106 100
91 217.6 109.5 328.4





#70

Stvrene

Concen: 47.947 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX009335.D

Acq: 04 May 2019 01:13

Instrument :

MSVOA_X

ClientSampleId :

SS050MW113-190430MSD

Tot Ion:104 Resp: 272971

Ion Ratio Lower Upper

104 100

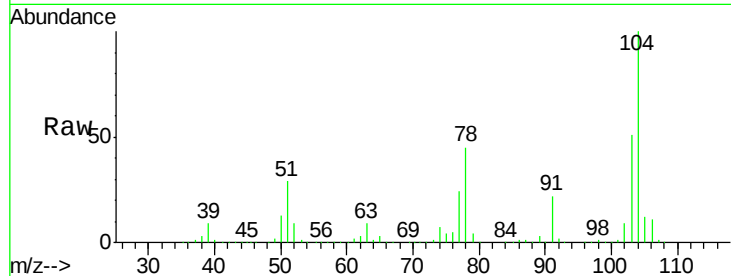
78 52.1 41.0 61.4

103 56.2 43.8 65.6

Manual Integrations
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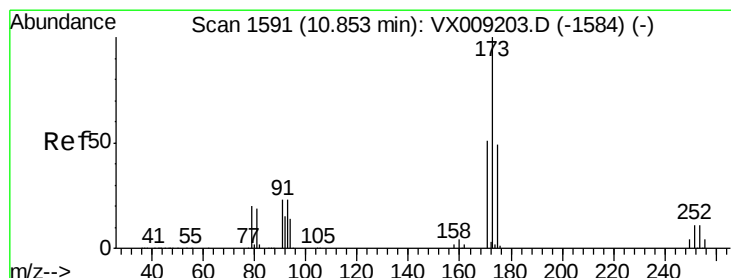
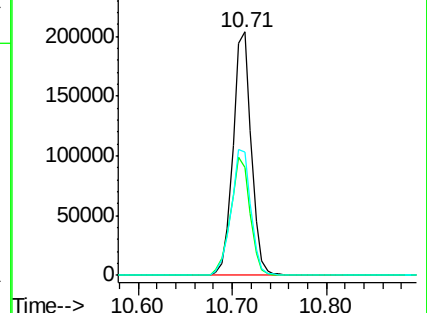
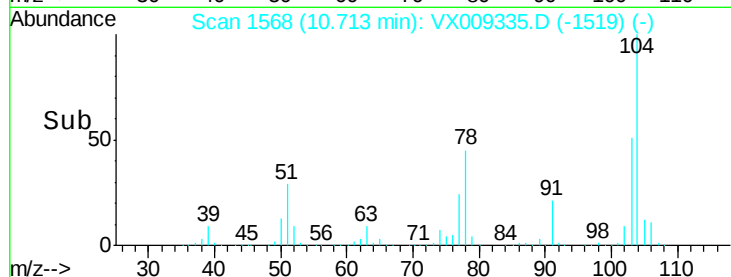
5/6/2019 9:25:10 AM



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 49.943 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX009335.D

Acq: 04 May 2019 01:13

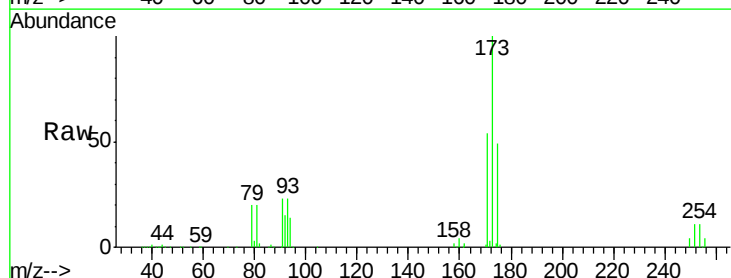
Tgt Ion:173 Resp: 72636

Ion Ratio Lower Upper

173 100

175 49.3 24.5 73.5

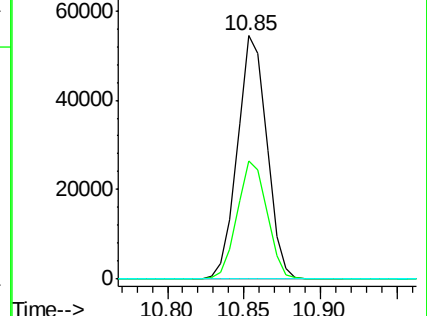
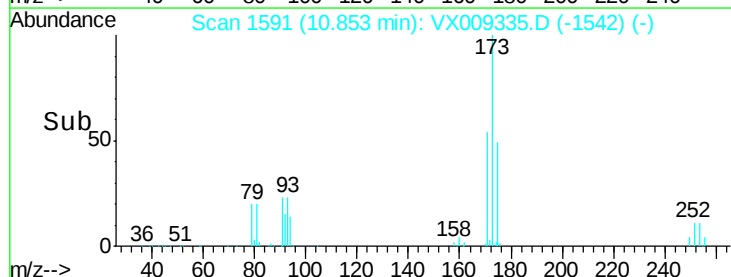
254 0.1 0.1 0.1#

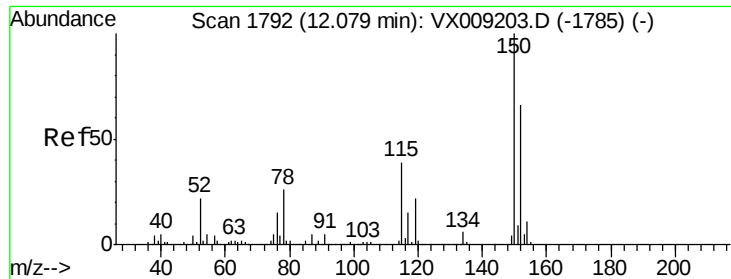


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX009335.D

Acq: 04 May 2019 01:13

Instrument :

MSVOA_X

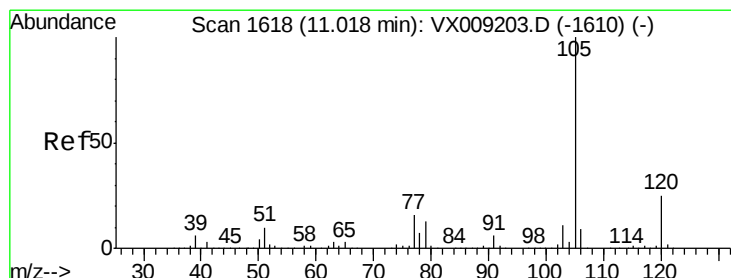
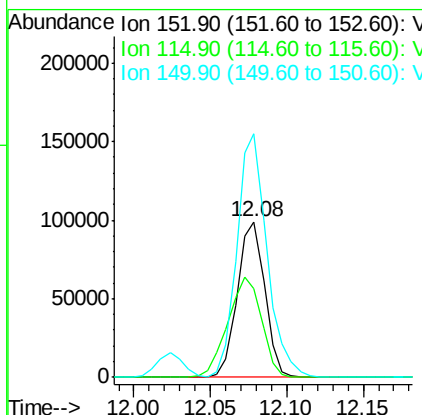
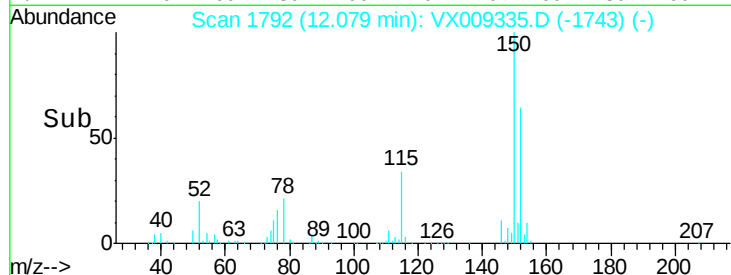
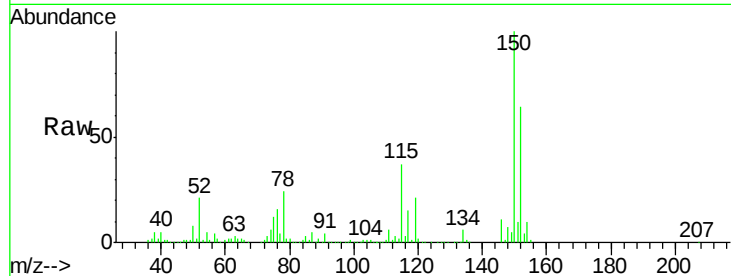
ClientSampleId :

SS050MW113-190430MSD

Tot Ion:	152	Resp:	122512
Ion Ratio	Lower	Upper	
152	100		
115	79.3	41.2	123.6
150	171.8	0.0	346.4

Manual Integrations
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#73

Isopropylbenzene

Concen: 46.028 ug/l

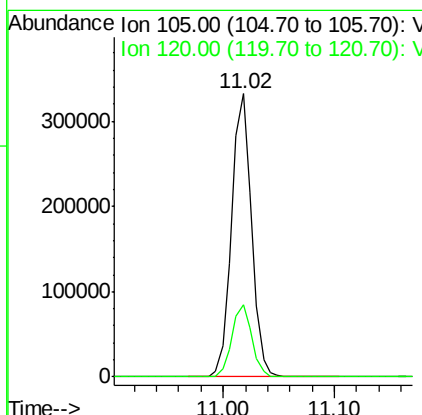
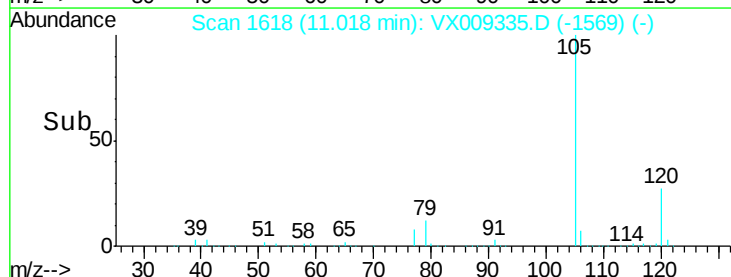
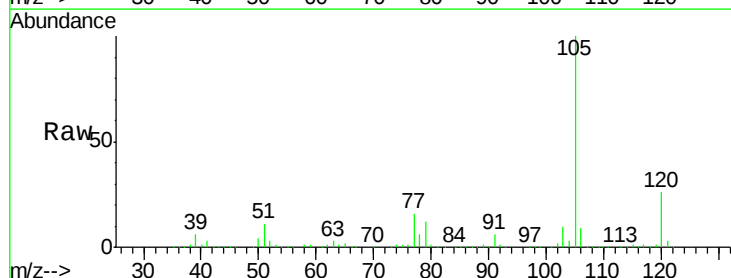
RT: 11.02 min Scan# 1618

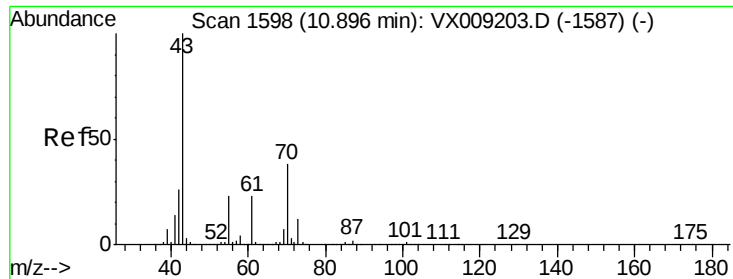
Delta R.T. -0.00 min

Lab File: VX009335.D

Acq: 04 May 2019 01:13

Tgt Ion:	105	Resp:	410064
Ion Ratio	Lower	Upper	
105	100		
120	25.5	12.8	38.3





#74

N-amvl acetate

Concen: 51.565 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009335.D

Acq: 04 May 2019 01:13

Instrument :

MSVOA_X

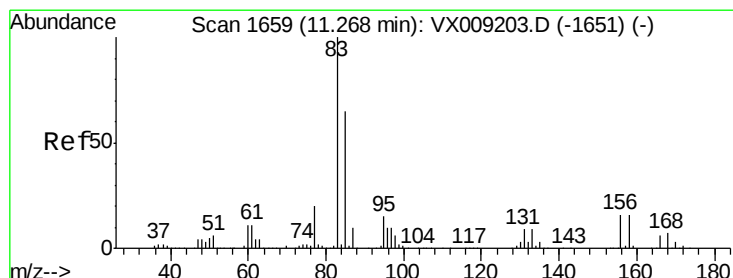
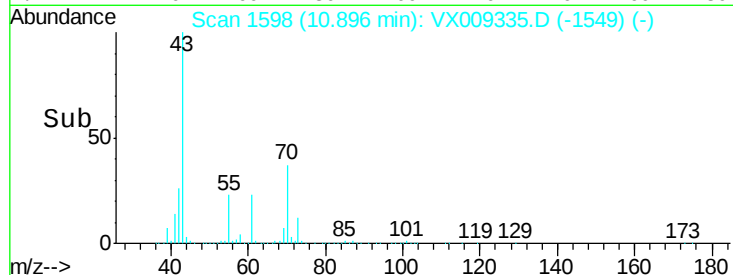
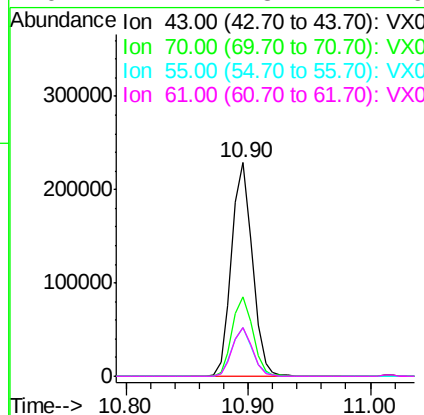
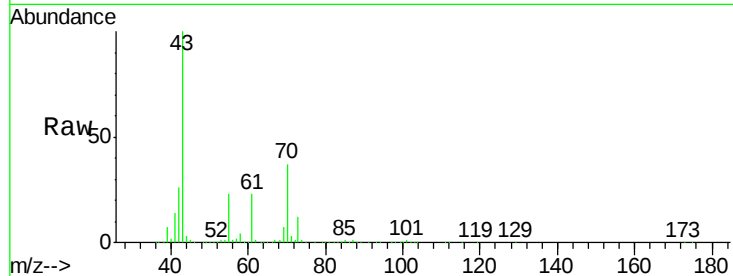
ClientSampleId :

SS050MW113-190430MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100		267830		
70	37.4	30.0	45.0		
55	22.5	17.9	26.9		
61	22.4	18.4	27.6		

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#75

1,1,2,2-Tetrachloroethane

Concen: 50.541 ug/l

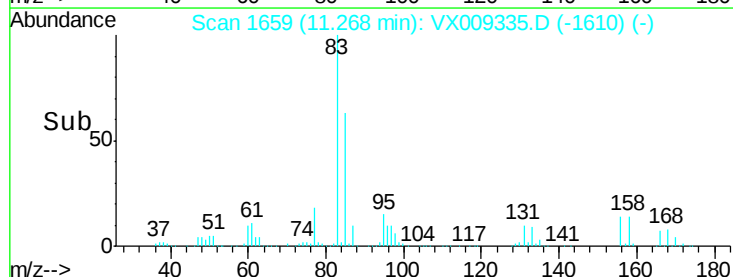
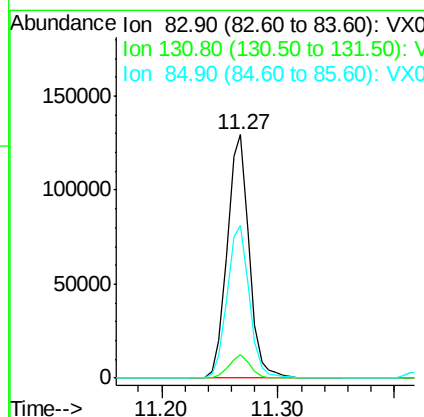
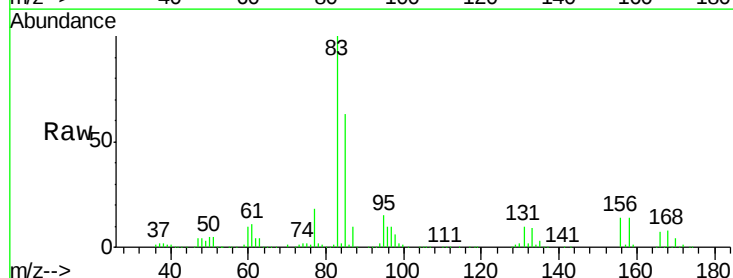
RT: 11.27 min Scan# 1659

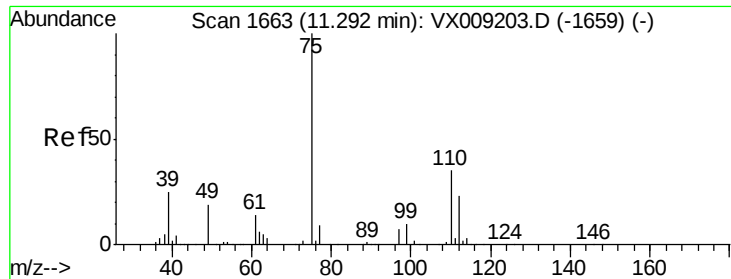
Delta R.T. -0.00 min

Lab File: VX009335.D

Acq: 04 May 2019 01:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100		167852		
131	9.3	4.6	13.8		
85	64.0	32.0	96.2		





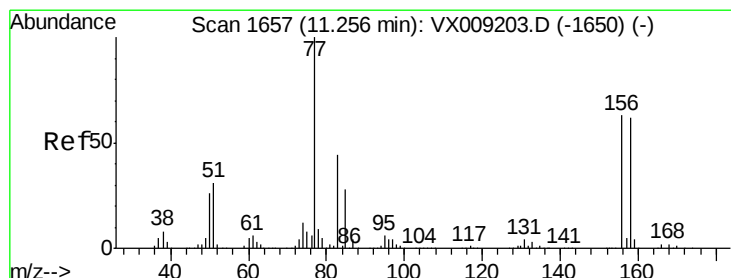
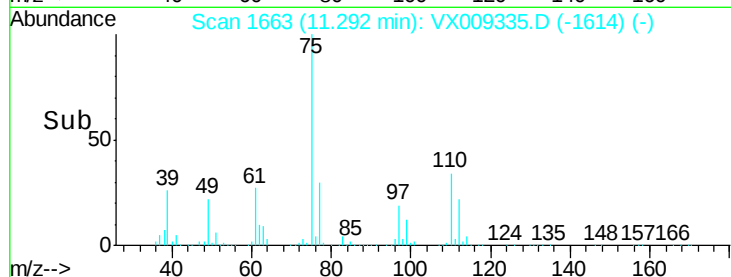
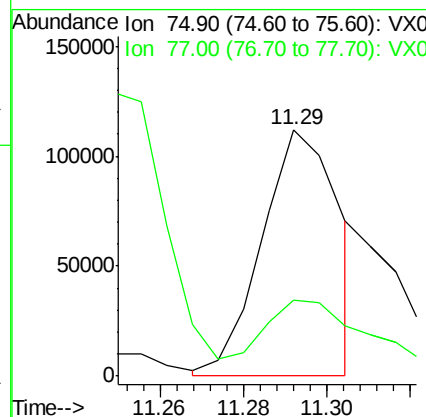
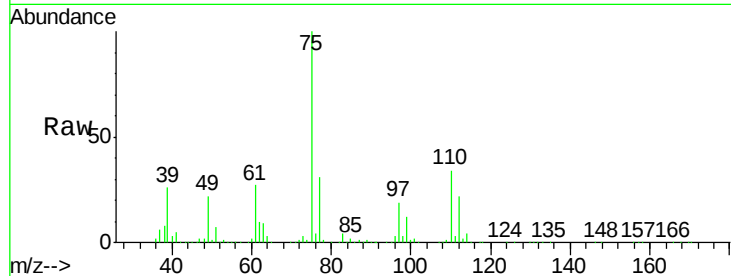
#76
 1,2,3-Trichloropropane
 Concen: 50.958 ug/l m
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: VX009335.D
 Acq: 04 May 2019 01:13

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW113-190430MSD

Tot Ion: 75 Resp: 144813
 Ion Ratio Lower Upper
 75 100
 77 43.2 22.1 66.1

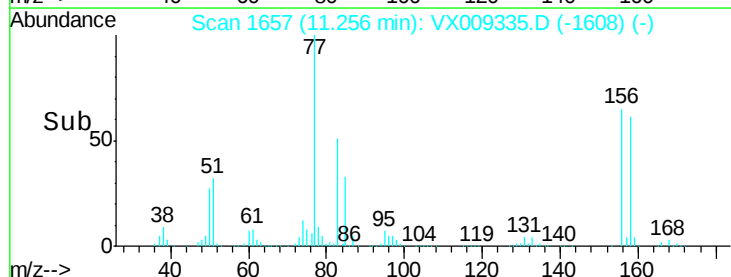
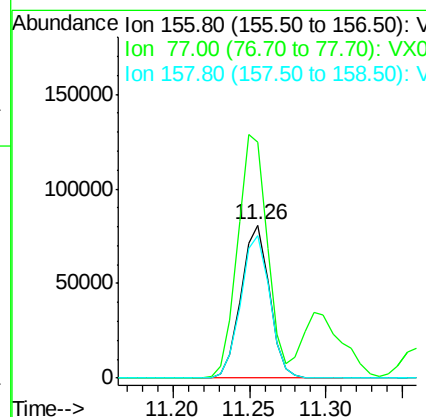
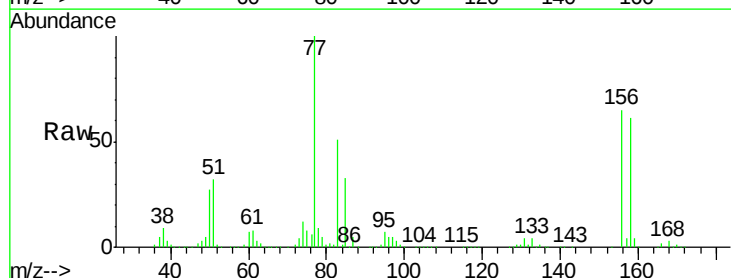
Manual Integrations
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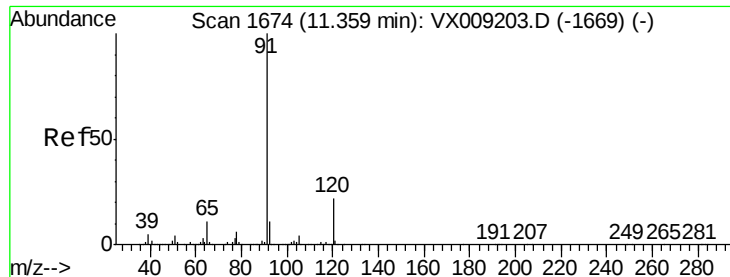
MMDadoda
 5/6/2019 9:25:10 AM



#77
 Bromobenzene
 Concen: 47.152 ug/l
 RT: 11.26 min Scan# 1657
 Delta R.T. -0.00 min
 Lab File: VX009335.D
 Acq: 04 May 2019 01:13

Tgt Ion: 156 Resp: 104265
 Ion Ratio Lower Upper
 156 100
 77 166.1 84.8 254.3
 158 95.7 49.1 147.3





#78

n-propylbenzene

Concen: 46.213 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009335.D

Acq: 04 May 2019 01:13

Instrument :

MSVOA_X

ClientSampleId :

SS050MW113-190430MSD

Tot Ion: 91 Resp: 470189

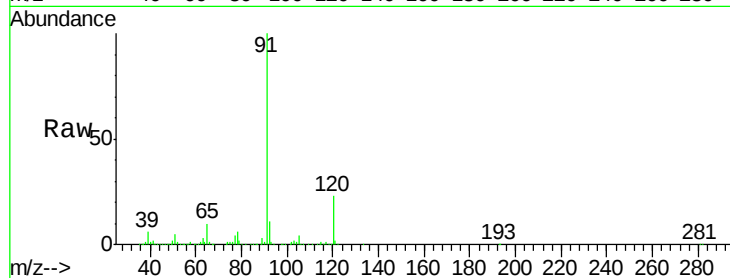
Ion Ratio Lower Upper

91 100

120 22.2 11.0 33.0

Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

11.36

400000

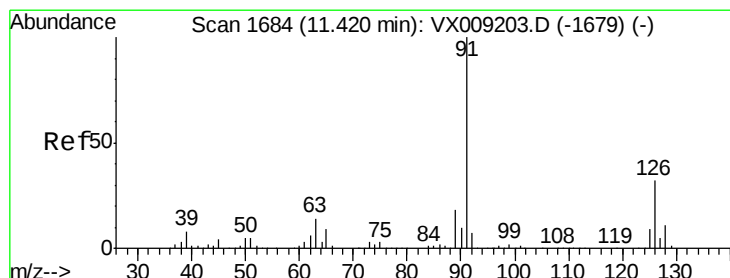
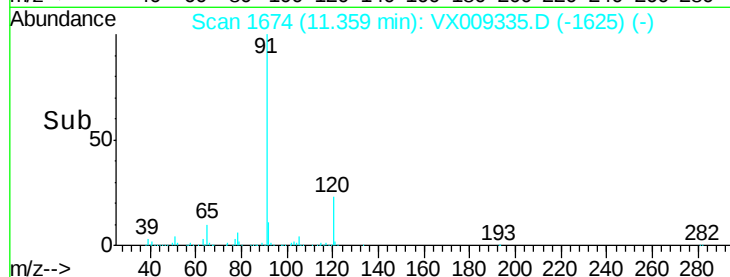
300000

200000

100000

0

Time--> 11.30 11.35 11.40



#79

2-Chlorotoluene

Concen: 45.201 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX009335.D

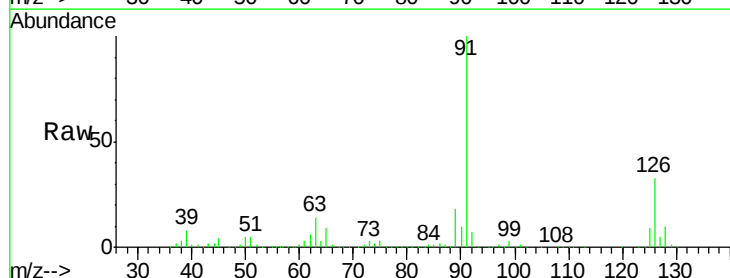
Acq: 04 May 2019 01:13

Tgt Ion: 91 Resp: 283735

Ion Ratio Lower Upper

91 100

126 33.0 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

11.42

400000

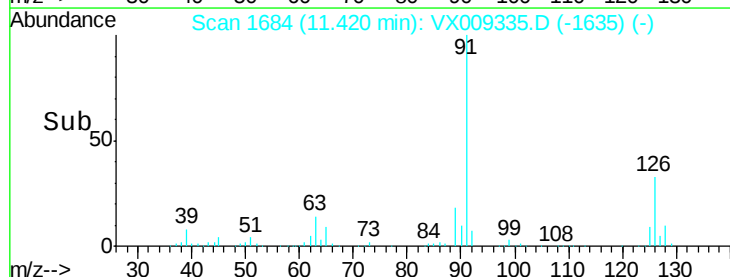
300000

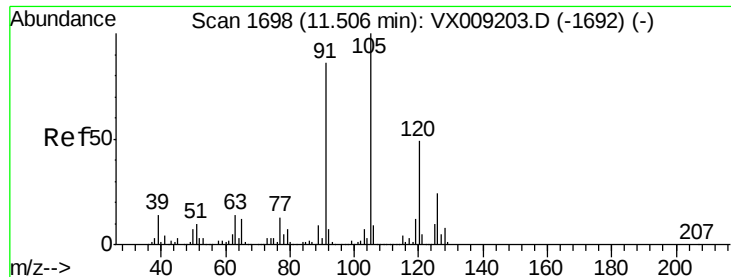
200000

100000

0

Time--> 11.40 11.45





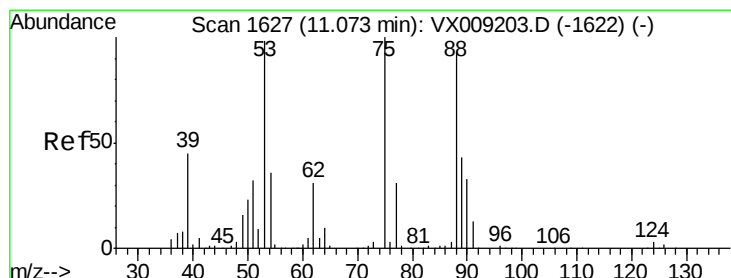
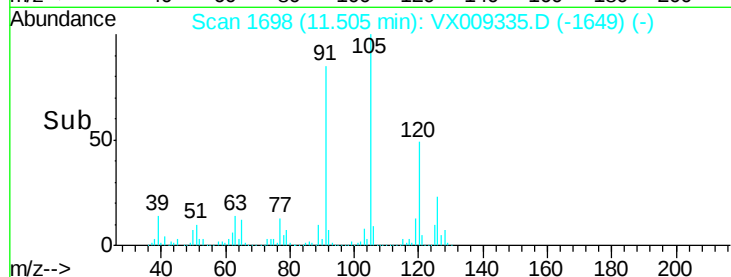
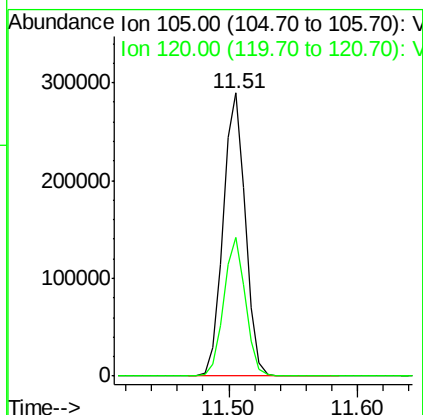
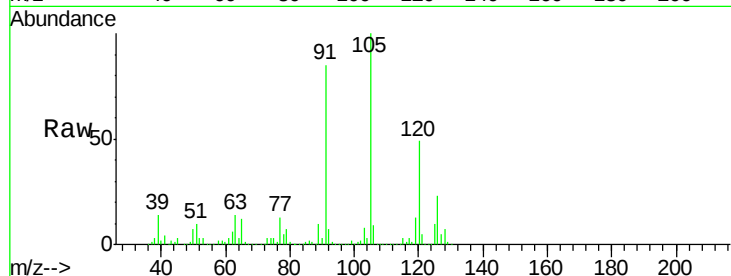
#80
 1,3,5-Trimethylbenzene
 Concen: 46.841 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX009335.D
 Acq: 04 May 2019 01:13

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW113-190430MSD

Tot Ion	Ratio	Lower	Upper
105	100		
120	48.0	24.3	72.9

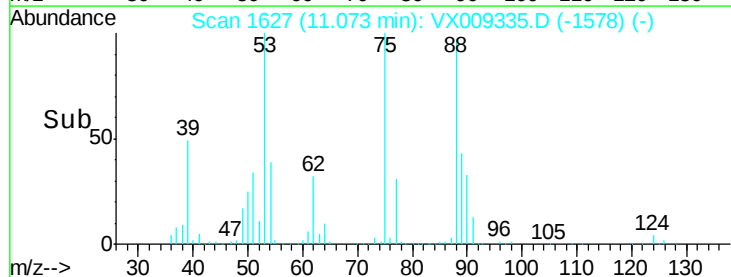
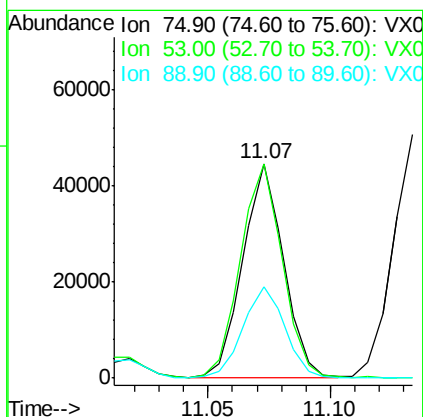
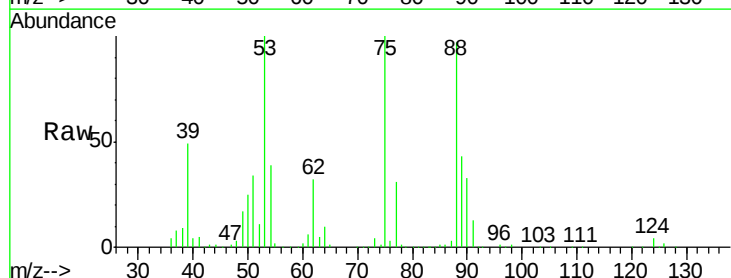
Manual Integrations
 APPROVED

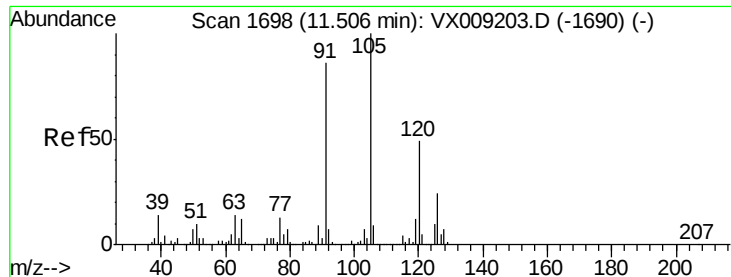
MMDadoda
 5/6/2019 9:25:10 AM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 46.287 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VX009335.D
 Acq: 04 May 2019 01:13

Tgt Ion	Ratio	Lower	Upper
75	100		
53	102.5	79.0	118.6
89	44.2	34.7	52.1





#82

4-Chlorotoluene

Concen: 46.138 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.01 min

Lab File: VX009335.D

Acq: 04 May 2019 01:13

Instrument :

MSVOA_X

ClientSampleId :

SS050MW113-190430MSD

Tot Ion: 91 Resp: 327182

Ion Ratio Lower Upper

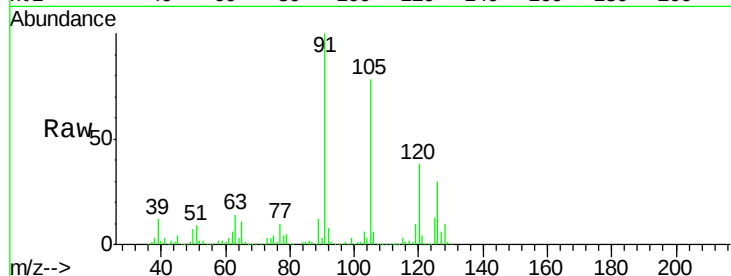
91 100

126 28.7 14.5 43.6

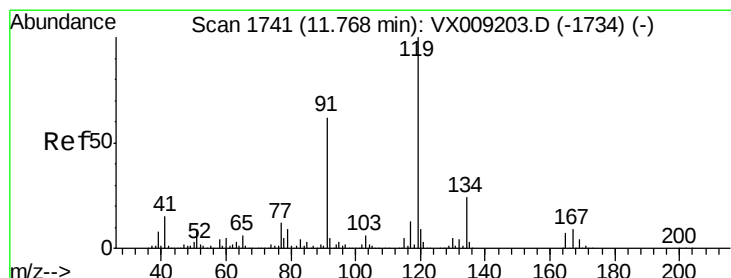
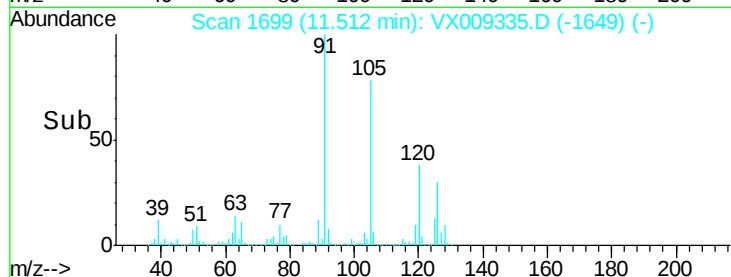
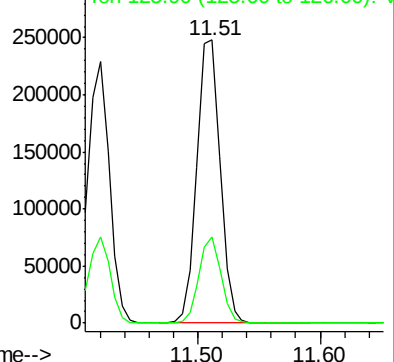
Manual Integrations
APPROVED

MMDadoda

5/6/2019 9:25:10 AM



Abundance Ion 91.00 (90.70 to 91.70): VX009203.D (-1690) (-)



#83

tert-Butylbenzene

Concen: 46.825 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX009335.D

Acq: 04 May 2019 01:13

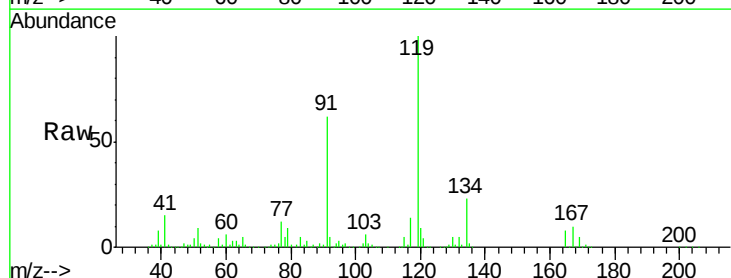
Tgt Ion: 119 Resp: 341694

Ion Ratio Lower Upper

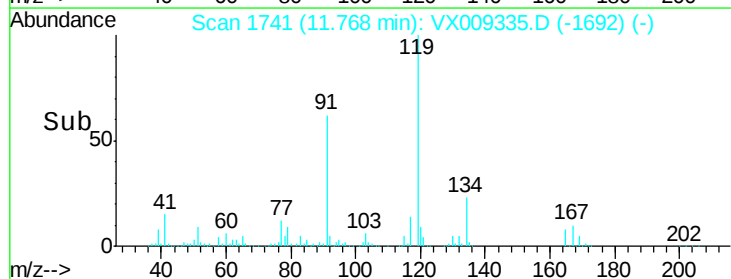
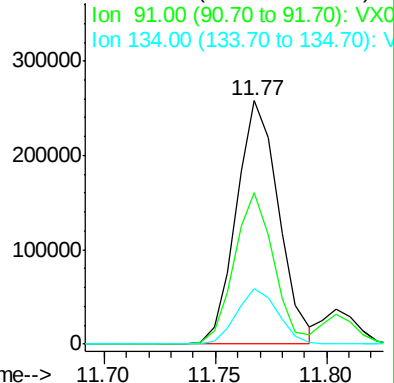
119 100

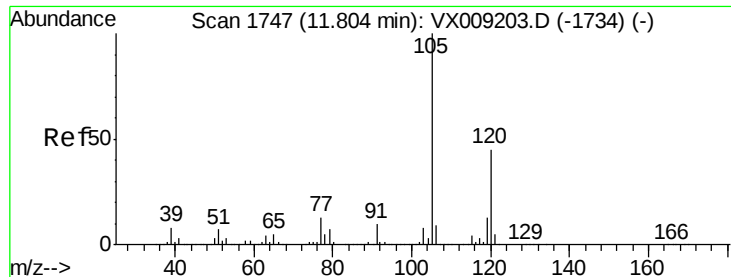
91 58.2 29.5 88.5

134 22.2 11.4 34.1



Abundance Ion 119.00 (118.70 to 119.70): VX009203.D (-1734) (-)





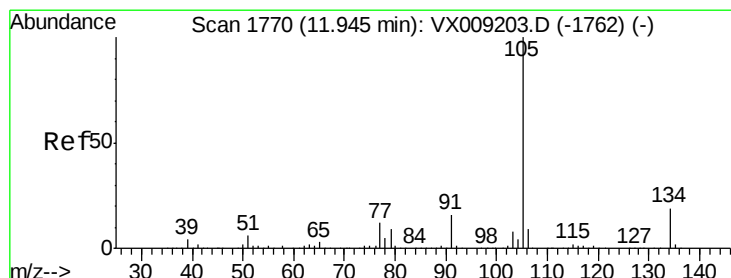
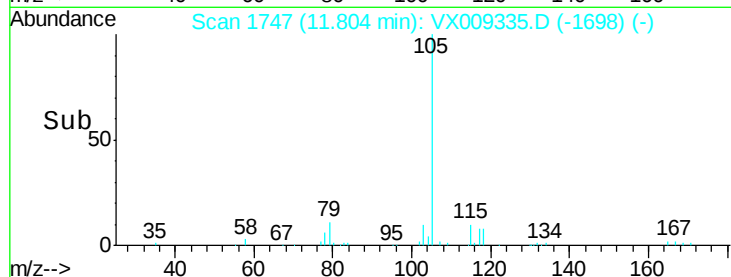
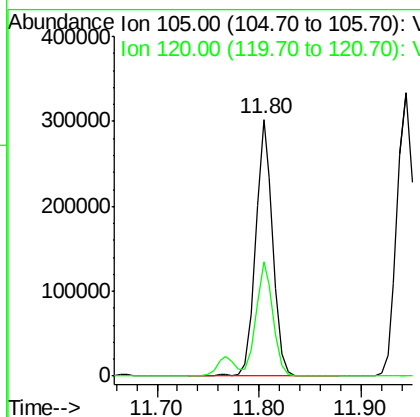
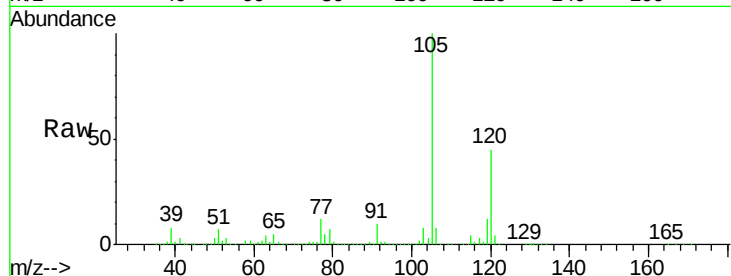
#84
 1,2,4-Trimethylbenzene
 Concen: 46.998 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX009335.D
 Acq: 04 May 2019 01:13

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW113-190430MSD

Tot Ion:105 Resp: 353872
 Ion Ratio Lower Upper
 105 100
 120 43.9 22.0 66.0

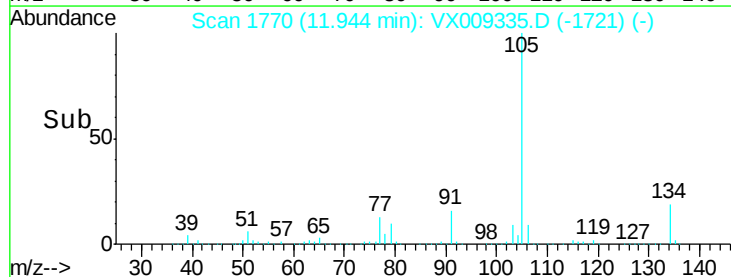
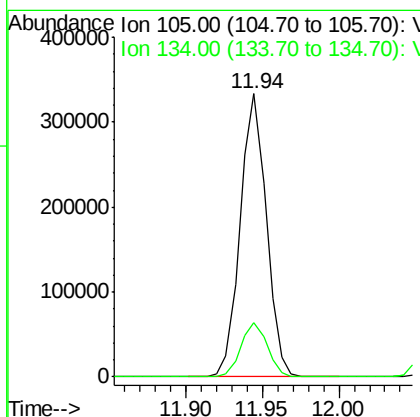
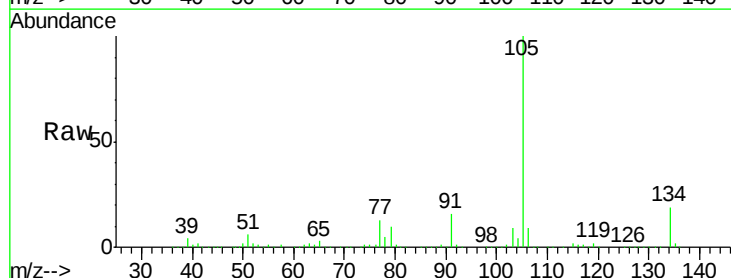
Manual Integrations
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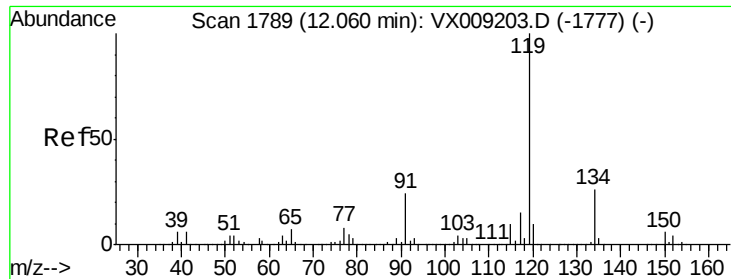
MMDadoda
 5/6/2019 9:25:10 AM



#85
 sec-Butylbenzene
 Concen: 45.675 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX009335.D
 Acq: 04 May 2019 01:13

Tgt Ion:105 Resp: 395157
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.7 28.9





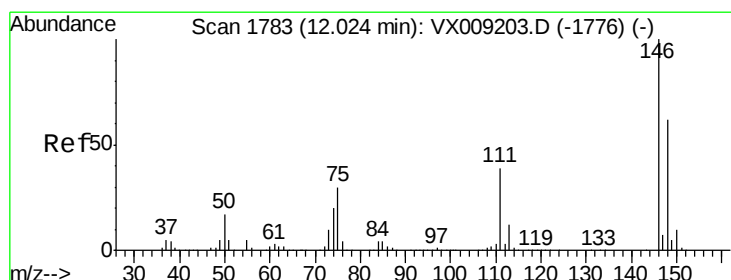
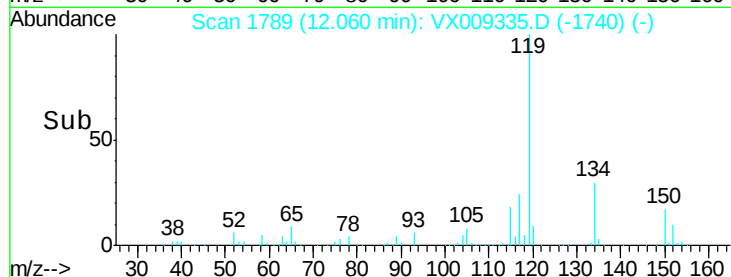
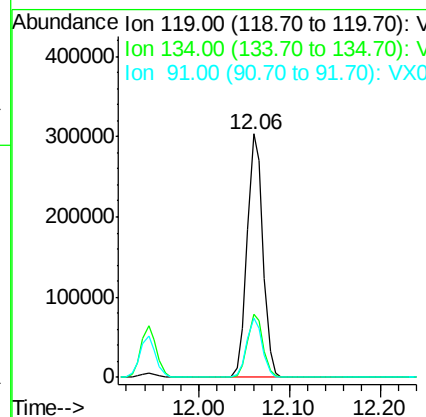
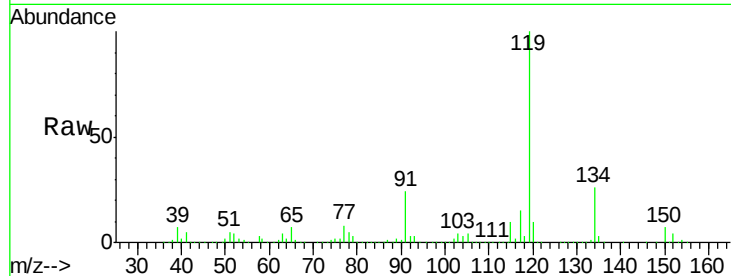
#86
 p-Isopropyltoluene
 Concen: 46.841 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX009335.D
 Acq: 04 May 2019 01:13

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW113-190430MSD

Tot Ion	Ratio	Resp	Lower	Upper
119	100	364309		
134	25.7	12.9	38.7	
91	24.0	11.8	35.4	

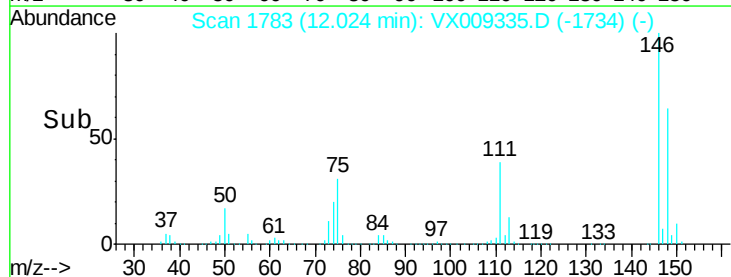
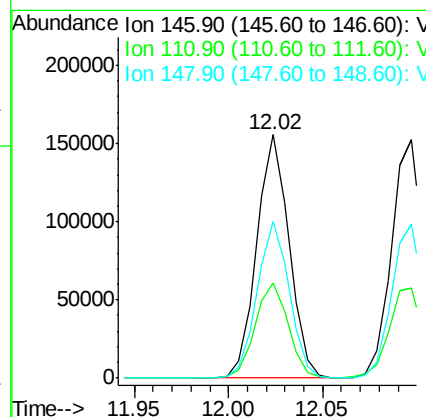
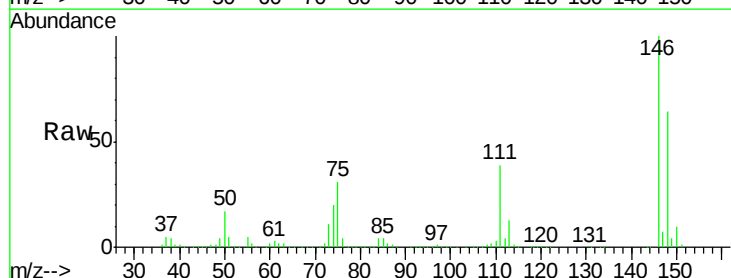
Manual Integrations
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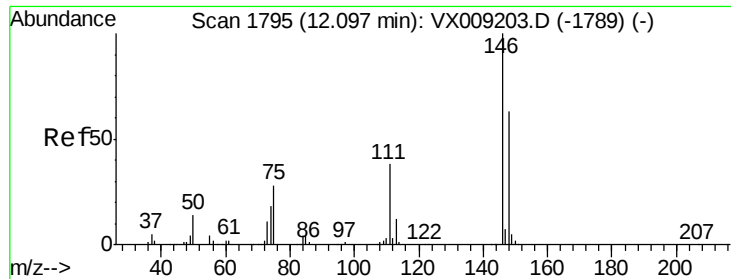
MMDadoda
 5/6/2019 9:25:10 AM



#87
 1,3-Dichlorobenzene
 Concen: 47.038 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX009335.D
 Acq: 04 May 2019 01:13

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	185422		
111	39.9	20.0	59.9	
148	64.1	31.8	95.3	





#88

1,4-Dichlorobenzene

Concen: 46.980 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX009335.D

Acq: 04 May 2019 01:13

Instrument :

MSVOA_X

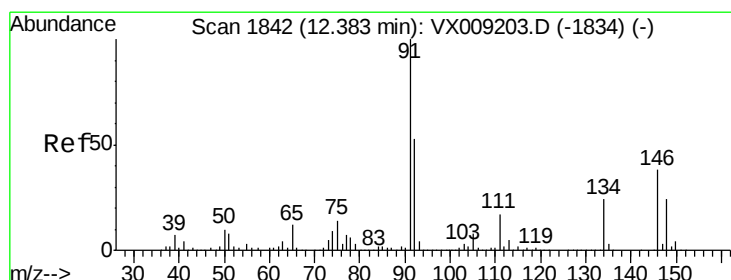
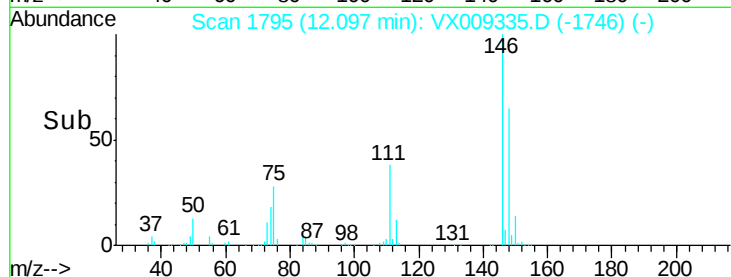
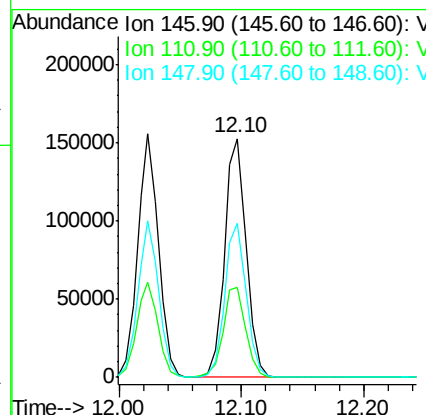
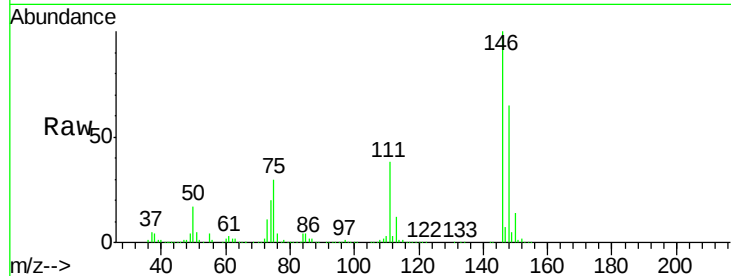
ClientSampleId :

SS050MW113-190430MSD

Tot Ion:	146	Resp:	186707
Ion Ratio		Lower	Upper
146	100		
111	39.5	19.6	58.8
148	64.4	31.8	95.3

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5/6/2019 9:25:10 AM



#89

n-Butylbenzene

Concen: 46.747 ug/l

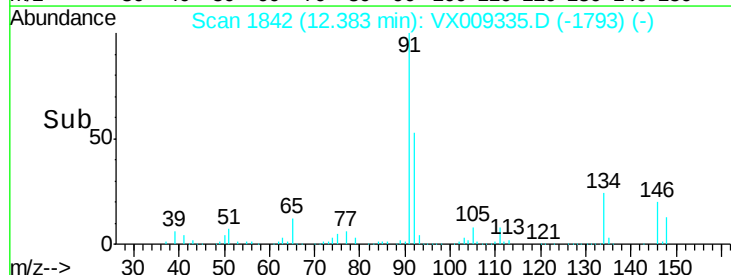
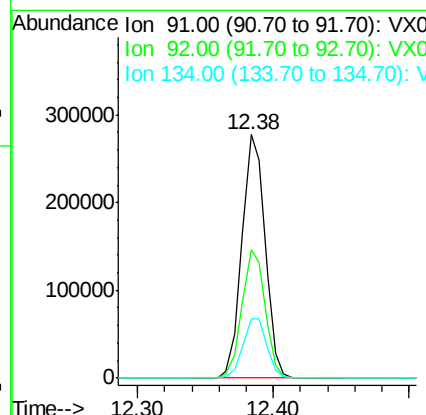
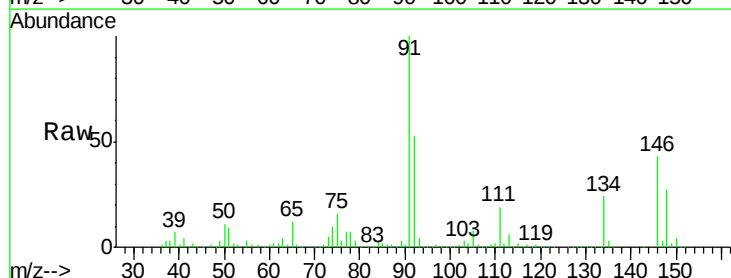
RT: 12.38 min Scan# 1842

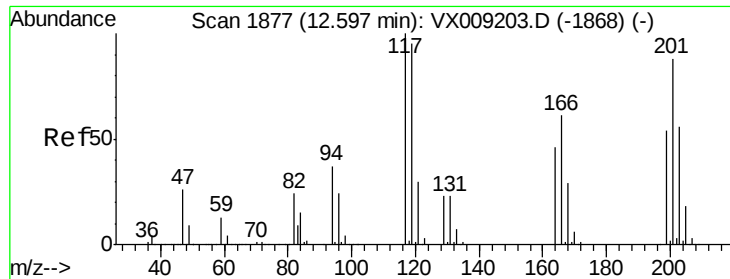
Delta R.T. -0.00 min

Lab File: VX009335.D

Acq: 04 May 2019 01:13

Tgt Ion:	91	Resp:	328615
Ion Ratio		Lower	Upper
91	100		
92	52.8	26.5	79.5
134	25.1	12.4	37.2





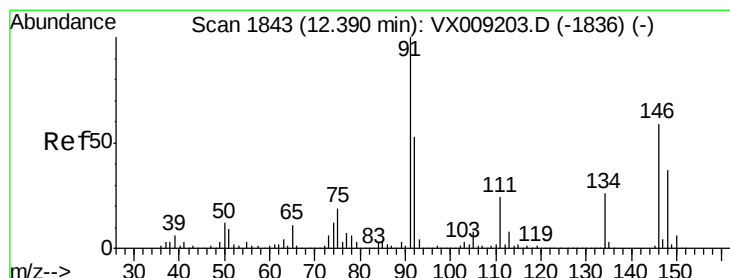
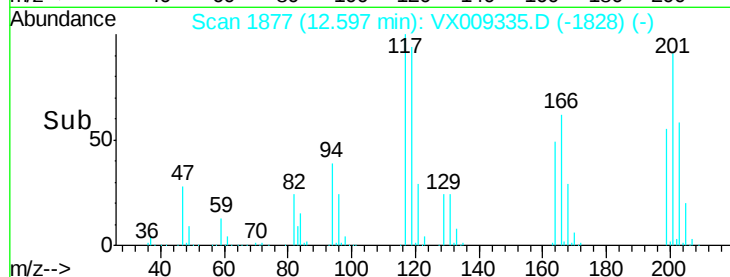
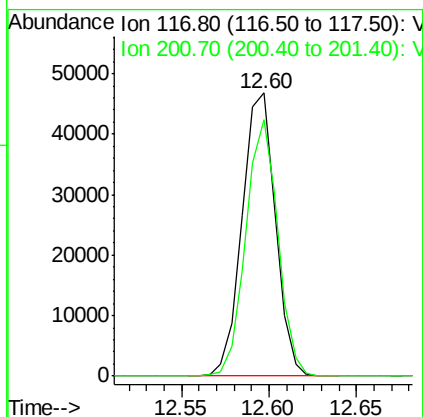
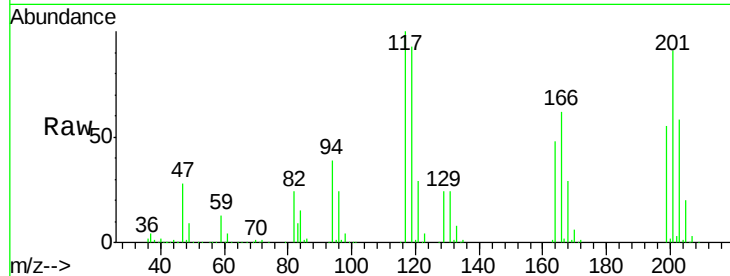
#90
Hexachloroethane
Concen: 46.790 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX009335.D
Acq: 04 May 2019 01:13

Instrument :
MSVOA_X
ClientSampleId :
SS050MW113-190430MSD

Tot Ion:117 Resp: 61999
Ion Ratio Lower Upper
117 100
201 86.7 42.3 126.9

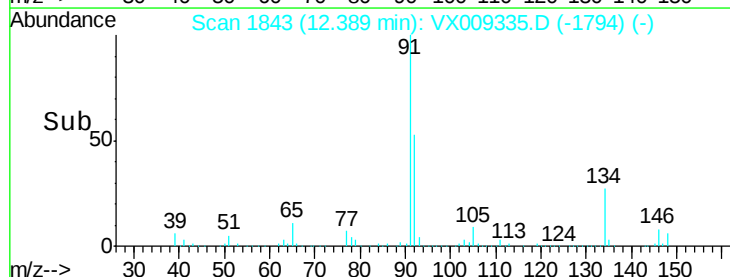
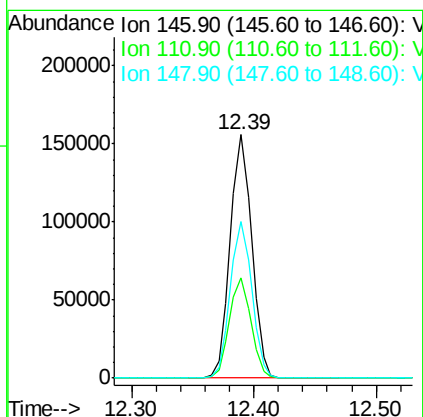
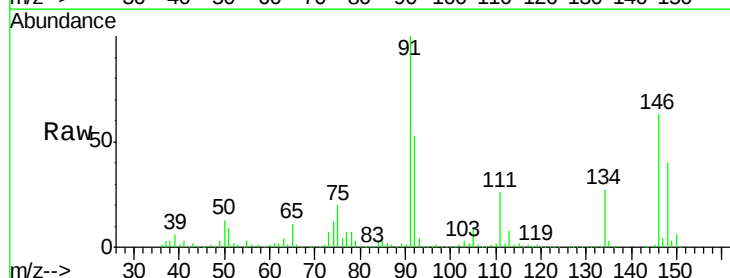
Manual Integrations
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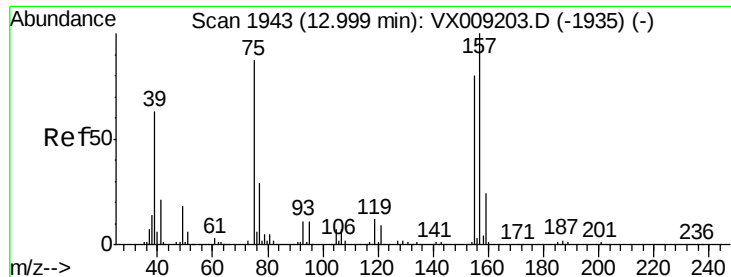
MMDadoda
5/6/2019 9:25:10 AM



#91
1,2-Dichlorobenzene
Concen: 47.216 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX009335.D
Acq: 04 May 2019 01:13

Tgt Ion:146 Resp: 189574
Ion Ratio Lower Upper
146 100
111 41.5 20.8 62.4
148 64.3 31.9 95.9





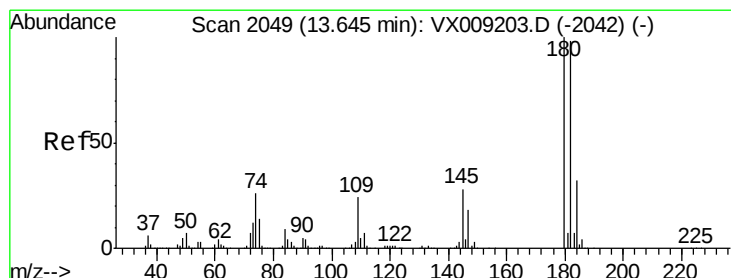
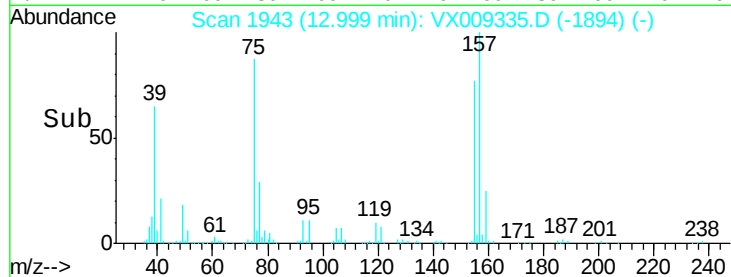
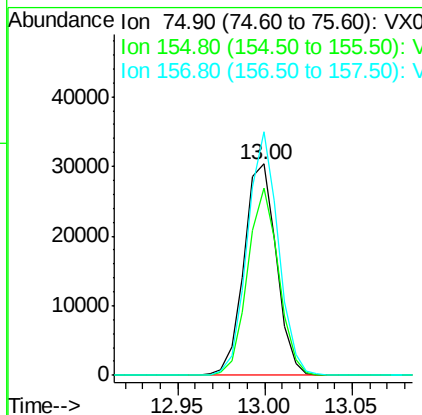
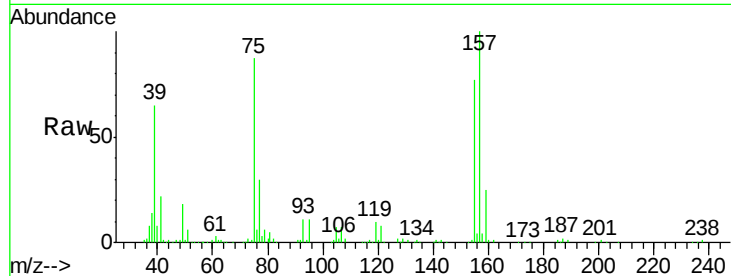
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.576 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX009335.D
 Acq: 04 May 2019 01:13

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW113-190430MSD

Tot Ion	Ratio	Lower	Upper
75	100		
155	84.6	42.0	126.0
157	109.3	53.2	159.6

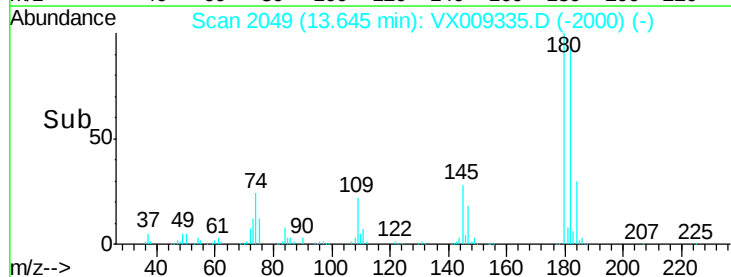
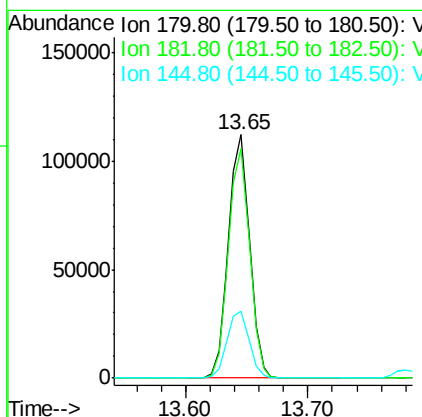
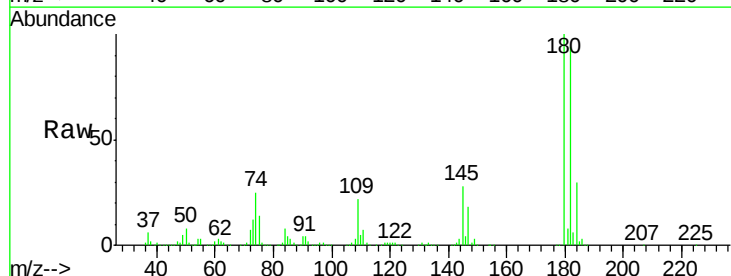
Manual Integrations
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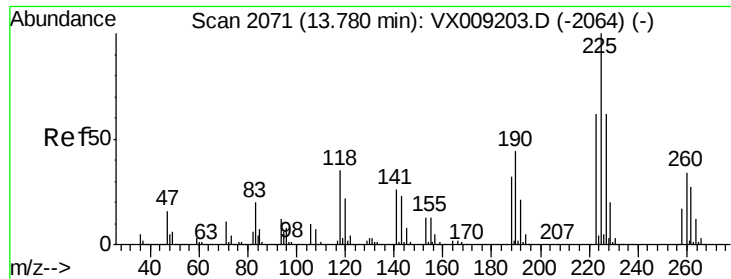
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#93
 1,2,4-Trichlorobenzene
 Concen: 48.884 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX009335.D
 Acq: 04 May 2019 01:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	48.4	145.2
145	28.5	14.6	43.8





#94

Hexachlorobutadiene

Concen: 43.008 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VX009335.D

Acq: 04 May 2019 01:13

Instrument :

MSVOA_X

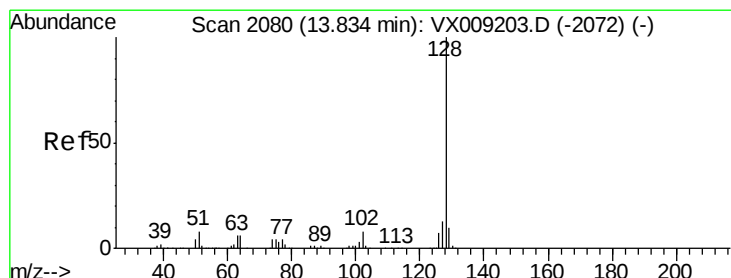
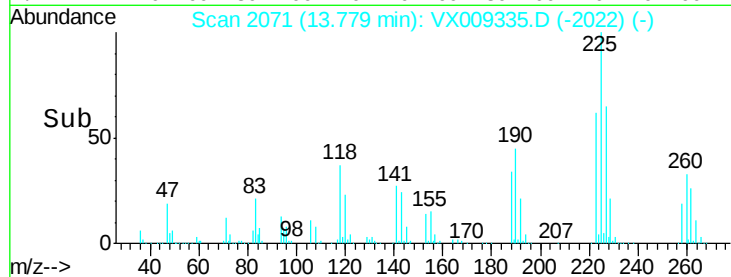
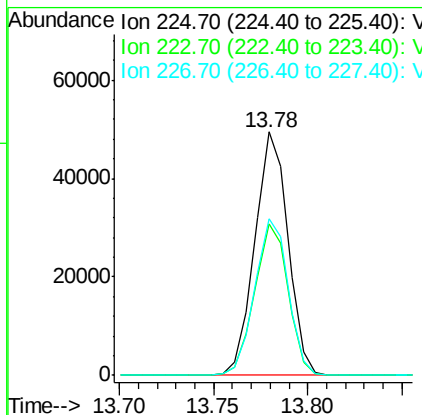
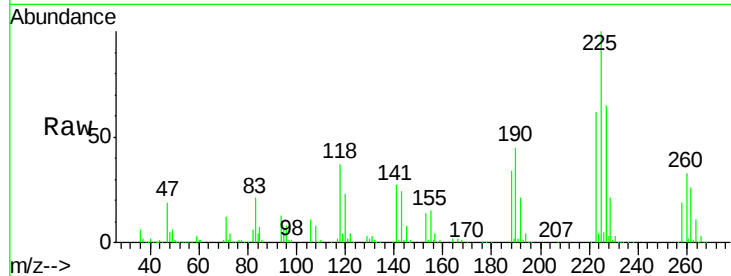
ClientSampleId :

SS050MW113-190430MSD

Tot Ion:	225	Resp:	60301
Ion Ratio		Lower	Upper
225	100		
223	62.8	31.3	93.8
227	64.9	31.8	95.3

Manual Integrations
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MMDadoda
5/6/2019 9:25:10 AM



#95

Naphthalene

Concen: 52.738 ug/l

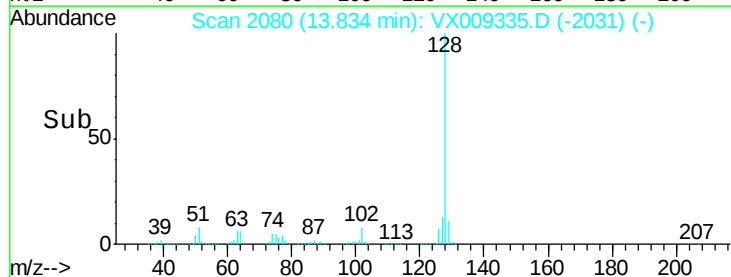
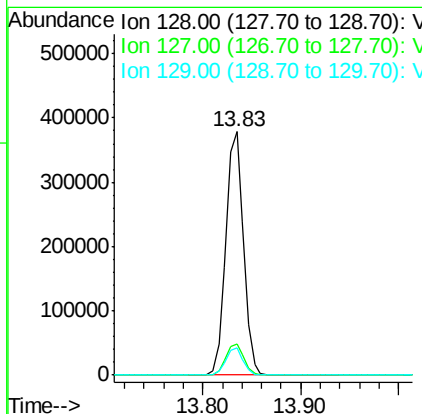
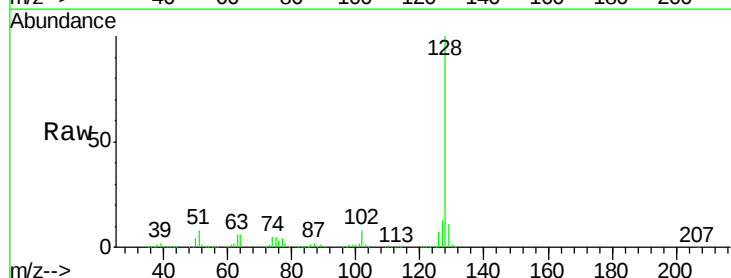
RT: 13.83 min Scan# 2080

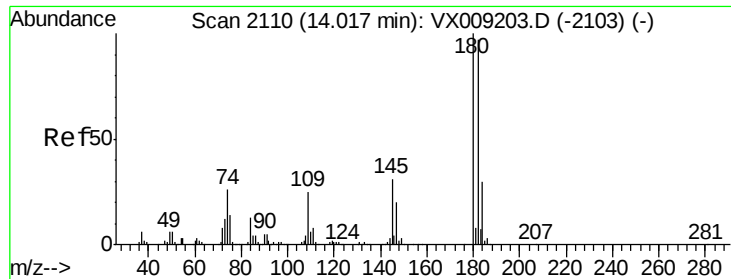
Delta R.T. -0.00 min

Lab File: VX009335.D

Acq: 04 May 2019 01:13

Tgt Ion:	128	Resp:	471092
Ion Ratio		Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.9	8.6	13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 48.311 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VX009335.D
 Acq: 04 May 2019 01:13

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW113-190430MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.4	47.8	143.4
145	30.5	15.4	46.4

Manual Integrations
 APPROVED

MMDadoda
 5/6/2019 9:25:10 AM

