

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX051719\
 Data File : VX009687.D
 Acq On : 18 May 2019 01:11
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/20/2019 11:11:31 AM

Quant Time: May 18 06:44:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	141067	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	232208	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	213704	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	105540	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	90076	46.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.54%	
35) Dibromofluoromethane	5.50	113	65587	44.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.86%	
50) Toluene-d8	8.71	98	260078	44.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.26%	
62) 4-Bromofluorobenzene	11.13	95	96927	45.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	57231	44.025	ug/l	98
3) Chloromethane	1.32	50	89550	50.457	ug/l	99
4) Vinyl Chloride	1.41	62	89535	51.736	ug/l	98
5) Bromomethane	1.64	94	56048	53.958	ug/l	97
6) Chloroethane	1.71	64	58904	53.013	ug/l	97
7) Trichlorofluoromethane	1.92	101	113546	53.975	ug/l	98
8) Diethyl Ether	2.19	74	54421	54.614	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	67562	51.143	ug/l	99
10) Methyl Iodide	2.51	142	73831	48.276	ug/l	99
11) Tert butyl alcohol	3.06	59	140172	314.456	ug/l	99
12) 1,1-Dichloroethene	2.37	96	68391	51.670	ug/l	99
13) Acrolein	2.29	56	102514	253.940	ug/l	100
14) Allyl chloride	2.72	41	170556	52.875	ug/l	98
15) Acrylonitrile	3.15	53	331570	304.216	ug/l	99
16) Acetone	2.45	43	294357	284.666	ug/l	98
17) Carbon Disulfide	2.56	76	179322	48.255	ug/l	99
18) Methyl Acetate	2.78	43	154588	62.862	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	294399	57.277	ug/l	99
20) Methylene Chloride	2.85	84	89264	53.315	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	75950	52.910	ug/l	100
22) Diisopropyl ether	3.86	45	355080	57.240	ug/l	94
23) Vinyl Acetate	3.82	43	1565986	294.803	ug/l	99
24) 1,1-Dichloroethane	3.70	63	169031	55.236	ug/l	100
25) 2-Butanone	4.68	43	499296	310.726	ug/l	100
26) 2,2-Dichloropropane	4.58	77	83117	36.490	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	93155	54.369	ug/l	96
28) Bromochloromethane	5.02	49	49943	39.994	ug/l	98
29) Tetrahydrofuran	5.13	42	329955	319.101	ug/l	98
30) Chloroform	5.21	83	155714	56.261	ug/l	100
31) Cyclohexane	5.58	56	148770	52.254	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	127635	55.397	ug/l	99
36) 1,1-Dichloropropene	5.80	75	113623	52.653	ug/l	99
37) Ethyl Acetate	4.84	43	183660	61.085	ug/l	99
38) Carbon Tetrachloride	5.78	117	105420	53.769	ug/l	97

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MMDadoda
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	130472	49.232	ug/l	99
40) Benzene	6.14	78	357924	53.594	ug/l	100
41) Methacrylonitrile	5.04	41	103263	57.696	ug/l	99
42) 1,2-Dichloroethane	6.20	62	133977	55.925	ug/l	99
43) Isopropyl Acetate	6.45	43	289674	60.232	ug/l	99
44) Trichloroethene	7.21	130	84548	52.367	ug/l	98
45) 1,2-Dichloropropane	7.51	63	103461	54.710	ug/l	99
46) Dibromomethane	7.66	93	59973	54.613	ug/l	100
47) Bromodichloromethane	7.90	83	122489	55.917	ug/l	98
48) Methyl methacrylate	7.77	41	146871	61.555	ug/l	99
49) 1,4-Dioxane	7.74	88	55566	1148.344	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	989910	314.911	ug/l	99
52) Toluene	8.79	92	222378	54.778	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	135164	54.653	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	146147	53.389	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	93284	56.323	ug/l	96
56) Ethyl methacrylate	9.18	69	174986	59.188	ug/l	98
57) 1,3-Dichloropropane	9.37	76	164453	56.425	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	346972	221.228	ug/l	99
59) 2-Hexanone	9.49	43	757987	307.022	ug/l	98
60) Dibromochloromethane	9.58	129	93381	57.728	ug/l	99
61) 1,2-Dibromoethane	9.67	107	94279	56.392	ug/l	99
64) Tetrachloroethene	9.34	164	79807	54.442	ug/l	99
65) Chlorobenzene	10.14	112	231901	54.245	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	86726	55.957	ug/l	100
67) Ethyl Benzene	10.25	91	427788	54.373	ug/l	100
68) m/p-Xylenes	10.36	106	314027	109.223	ug/l	99
69) o-Xylene	10.69	106	153731	54.193	ug/l	99
70) Styrene	10.71	104	273534	55.479	ug/l	99
71) Bromoform	10.86	173	72653	57.683	ug/l #	100
73) Isopropylbenzene	11.02	105	411407	53.605	ug/l	99
74) N-amyl acetate	10.90	43	258590	57.792	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	159089	55.605	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	135129m	55.196	ug/l	
77) Bromobenzene	11.26	156	103574	54.372	ug/l	99
78) n-propylbenzene	11.36	91	469467	53.562	ug/l	99
79) 2-Chlorotoluene	11.42	91	284483	52.609	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	348226	53.887	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	47805	49.963	ug/l	97
82) 4-Chlorotoluene	11.51	91	328473	53.769	ug/l	99
83) tert-Butylbenzene	11.77	119	335460	53.363	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	353241	54.459	ug/l	100
85) sec-Butylbenzene	11.94	105	396295	53.173	ug/l	100
86) p-Isopropyltoluene	12.06	119	362951	54.171	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	179296	52.799	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	180874	52.831	ug/l	100
89) n-Butylbenzene	12.38	91	321627	53.110	ug/l	99
90) Hexachloroethane	12.60	117	62811	55.026	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	183927	53.176	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	36916	57.518	ug/l	98

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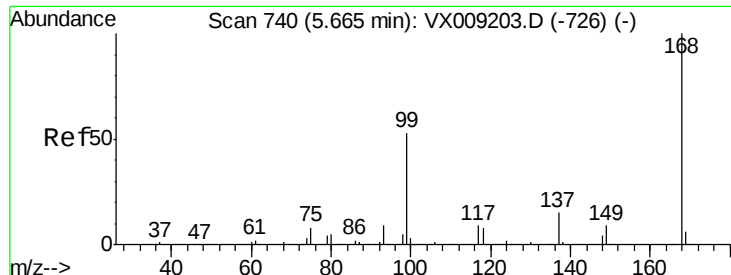
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	126566	53.511	ug/l	100
94) Hexachlorobutadiene	13.78	225	62857	52.041	ug/l	100
95) Naphthalene	13.83	128	435865	56.641	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	130915	54.603	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009687.D

Acq: 18 May 2019 01:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 141067

Ion Ratio Lower Upper

168 100

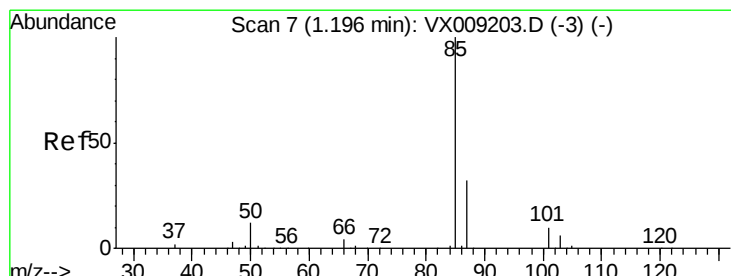
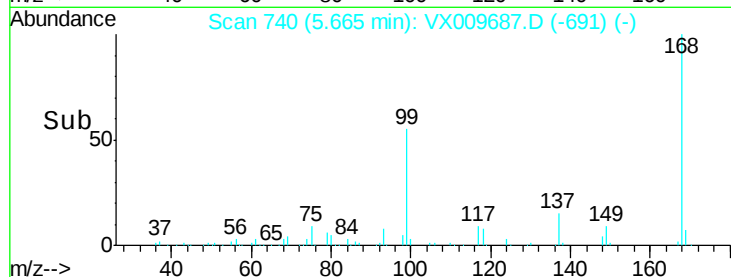
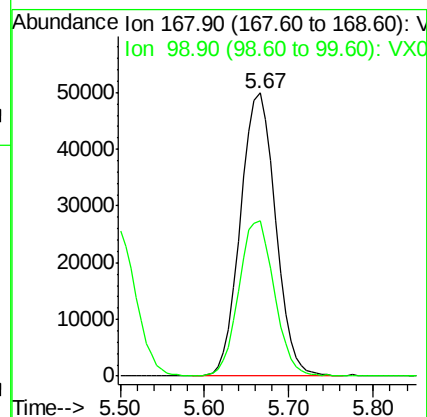
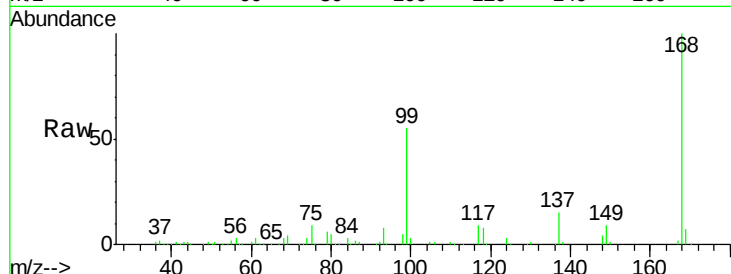
99 54.7 42.3 63.5

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#2

Dichlorodifluoromethane

Concen: 44.025 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX009687.D

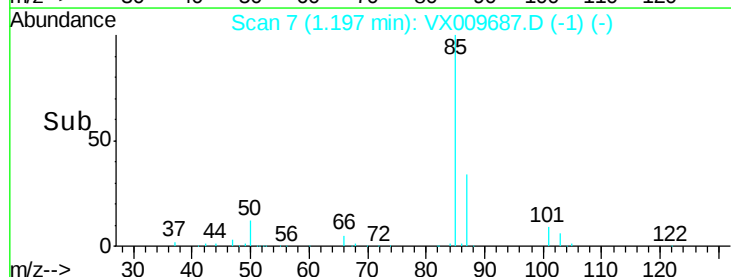
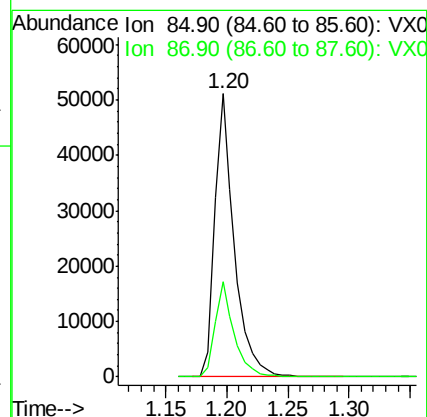
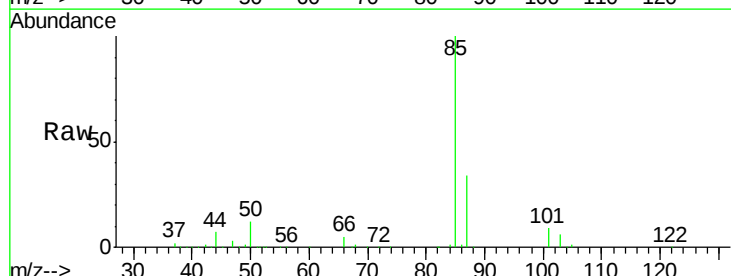
Acq: 18 May 2019 01:11

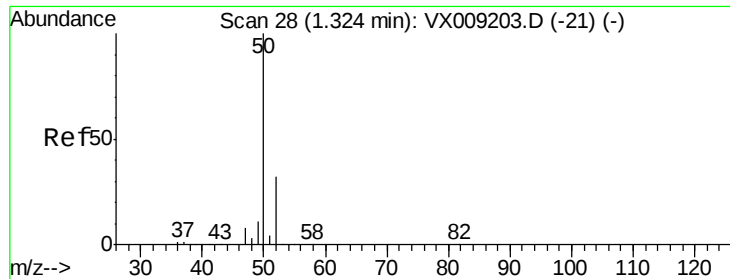
Tgt Ion: 85 Resp: 57231

Ion Ratio Lower Upper

85 100

87 33.5 16.1 48.3





#3

Chloromethane

Concen: 50.457 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX009687.D

Acq: 18 May 2019 01:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 89550

Ion Ratio Lower Upper

50 100

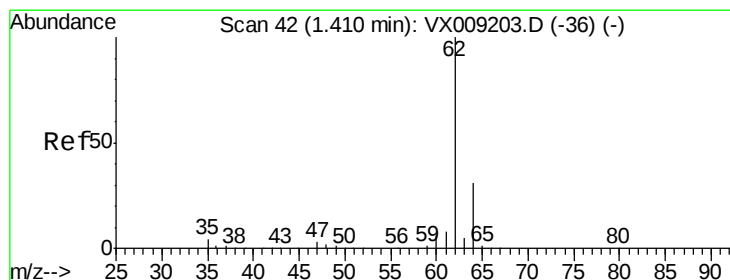
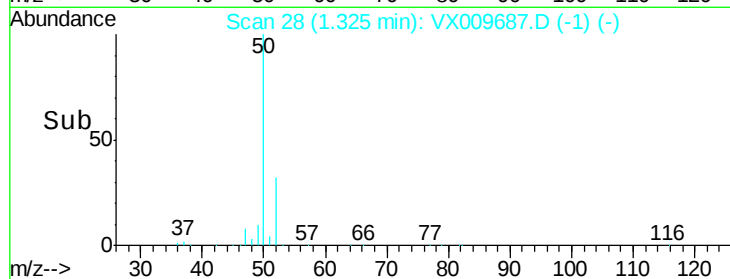
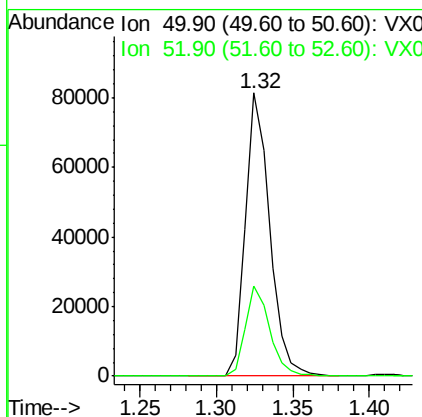
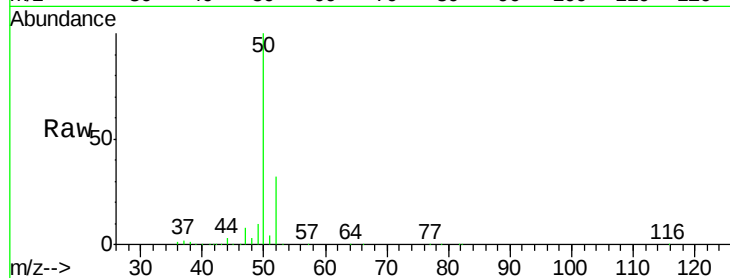
52 31.7 25.9 38.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 51.736 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX009687.D

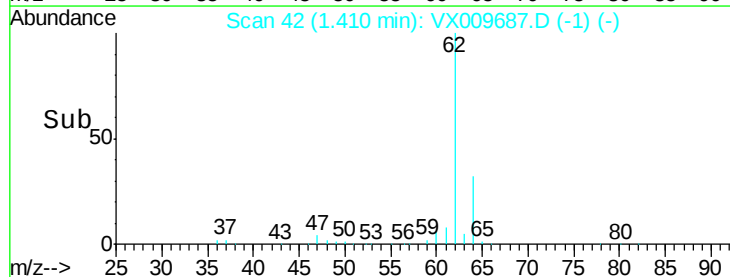
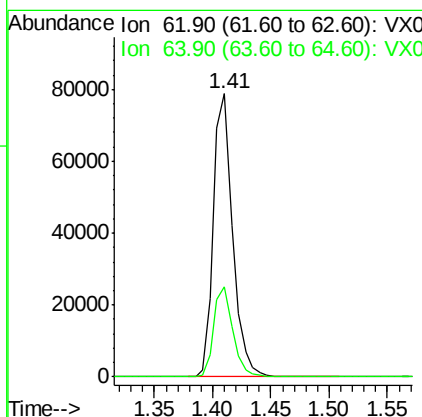
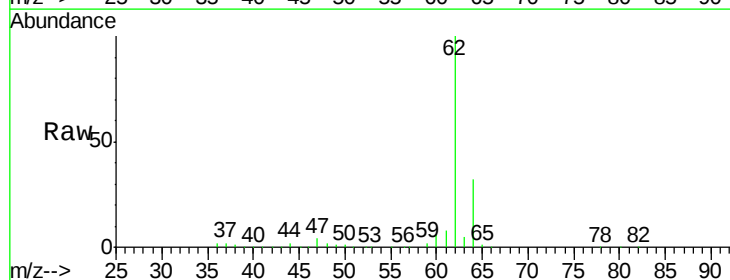
Acq: 18 May 2019 01:11

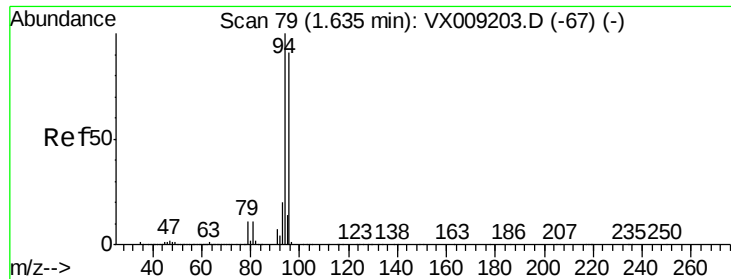
Tgt Ion: 62 Resp: 89535

Ion Ratio Lower Upper

62 100

64 31.7 24.6 36.8





#5

Bromomethane

Concen: 53.958 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009687.D

Acq: 18 May 2019 01:11

Tot Ion: 94 Resp: 56048

Ion Ratio Lower Upper

94 100

96 94.2 73.0 109.6

Instrument :

MSVOA_X

ClientSampleId :

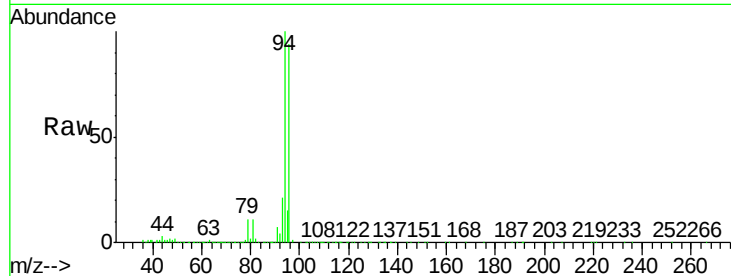
VSTDCCC050EC

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

60000

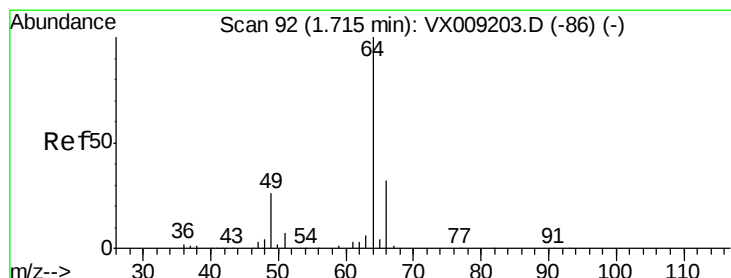
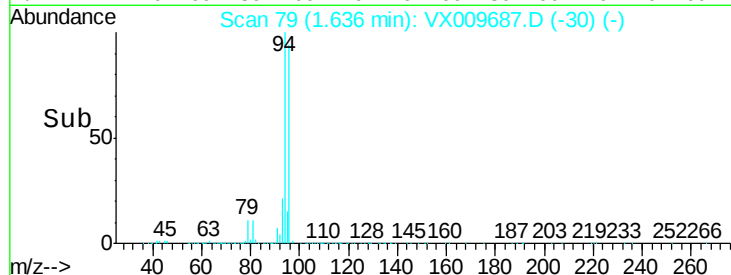
40000

20000

0

1.64

Time-->



#6

Chloroethane

Concen: 53.013 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX009687.D

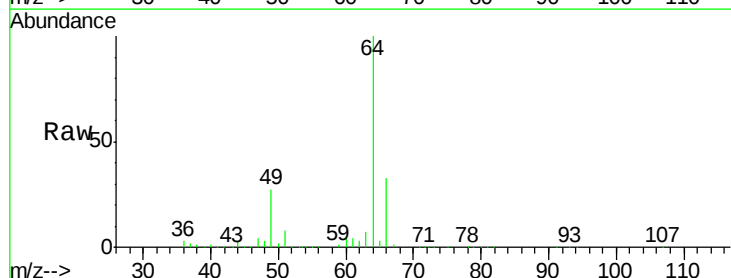
Acq: 18 May 2019 01:11

Tgt Ion: 64 Resp: 58904

Ion Ratio Lower Upper

64 100

66 33.2 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

50000

40000

30000

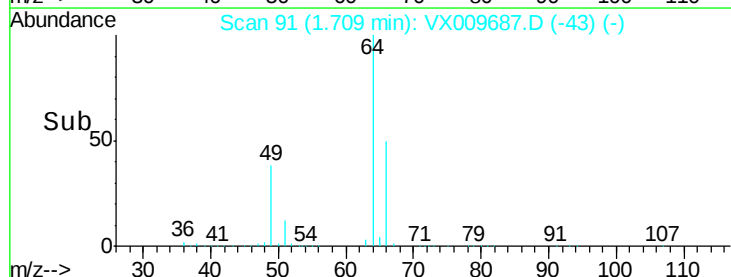
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10000

0

1.71

Time-->





#7

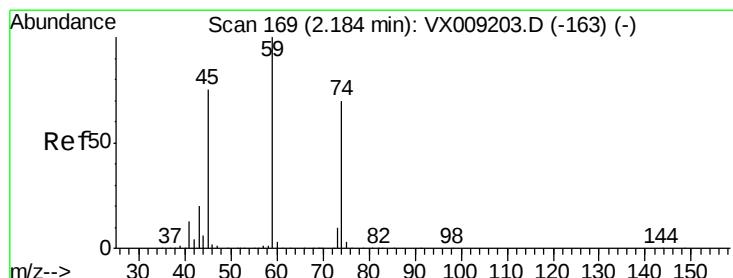
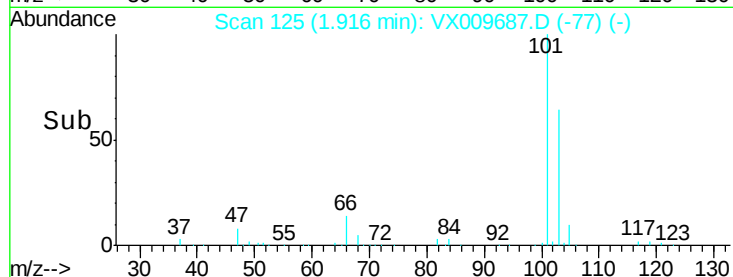
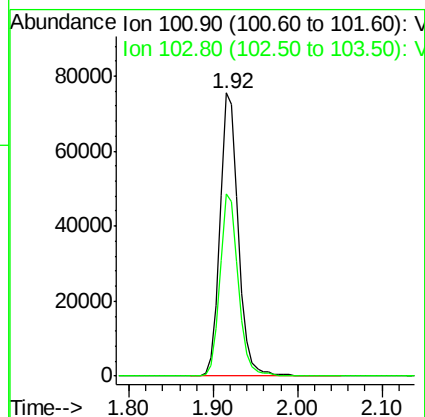
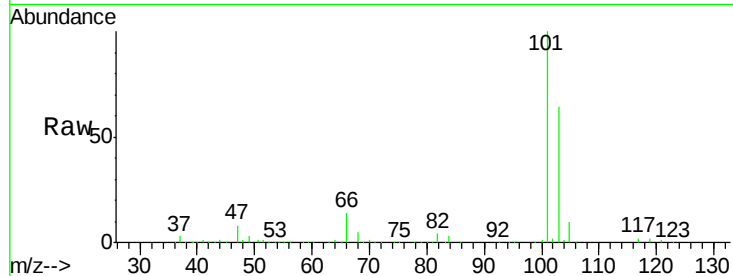
Trichlorofluoromethane
 Concen: 53.975 ug/l
 RT: 1.92 min Scan# 125
 Delta R.T. -0.01 min
 Lab File: VX009687.D
 Acq: 18 May 2019 01:11

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		113546		
103	64.3	52.4	78.6		

Manual Integrations
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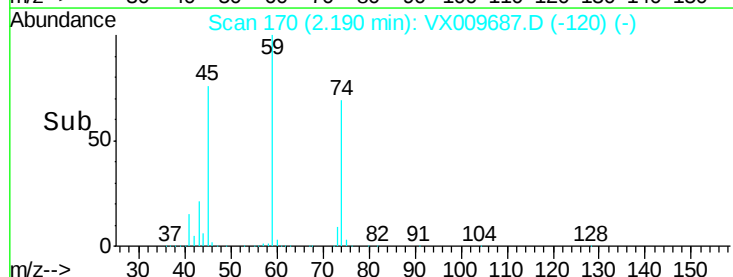
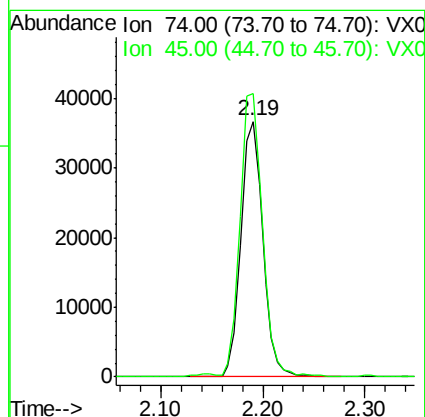
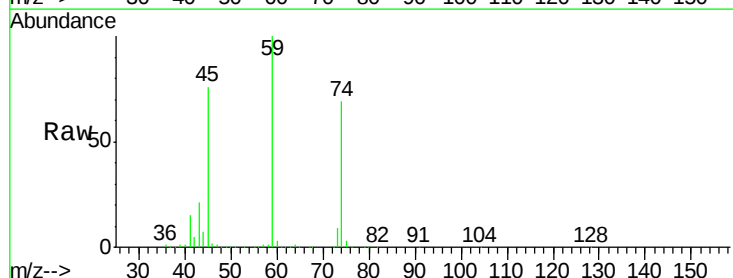
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 5/20/2019 11:11:31 AM



#8

Diethyl Ether
 Concen: 54.614 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX009687.D
 Acq: 18 May 2019 01:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		54421		
45	112.0	53.3	159.9		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.143 ug/l

RT: 2.37 min Scan# 200

Delta R.T. -0.01 min

Lab File: VX009687.D

Acq: 18 May 2019 01:11

Instrument :

MSVOA_X

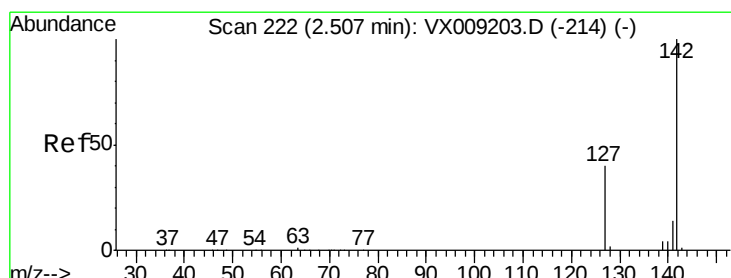
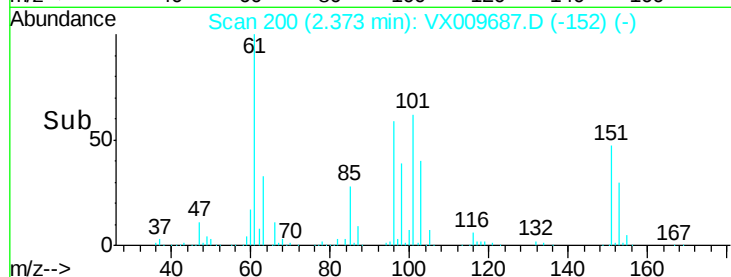
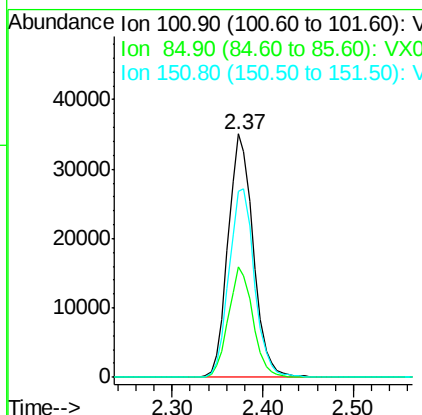
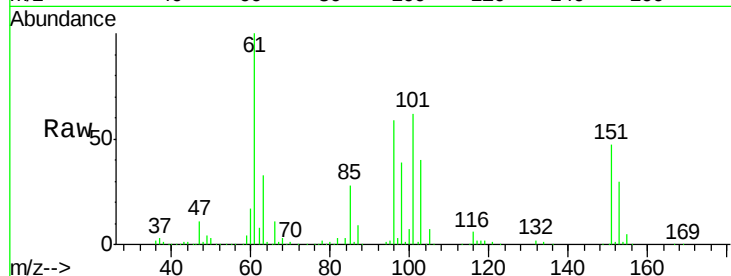
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	67562
Ion Ratio	Lower	Upper	
101	100		
85	44.4	35.7	53.5
151	78.7	62.2	93.2

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5/20/2019 11:11:31 AM



#10

Methyl Iodide

Concen: 48.276 ug/l

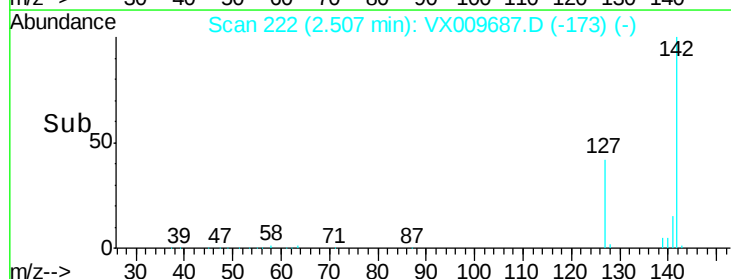
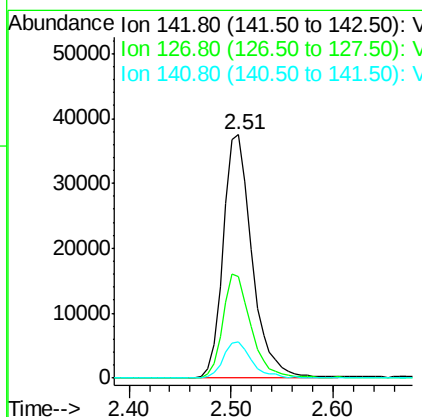
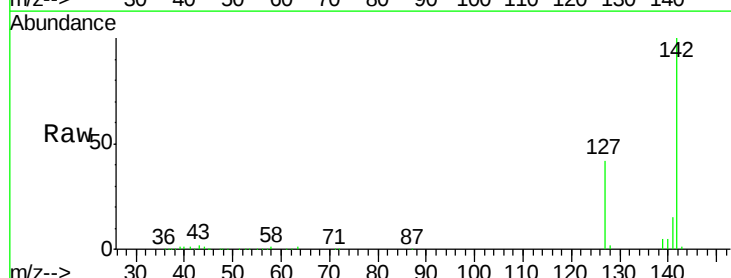
RT: 2.51 min Scan# 222

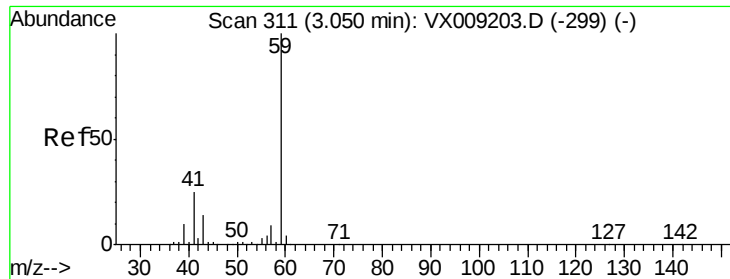
Delta R.T. 0.00 min

Lab File: VX009687.D

Acq: 18 May 2019 01:11

Tgt Ion:	142	Resp:	73831
Ion Ratio	Lower	Upper	
142	100		
127	41.8	32.7	49.1
141	14.8	11.5	17.3





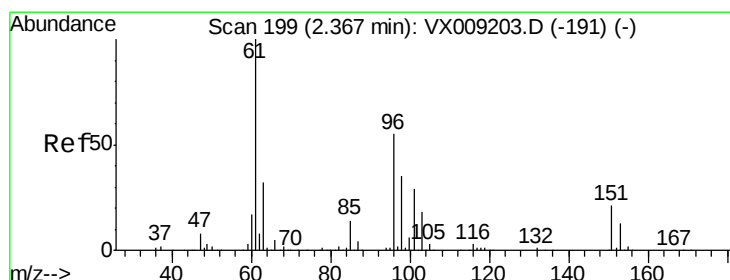
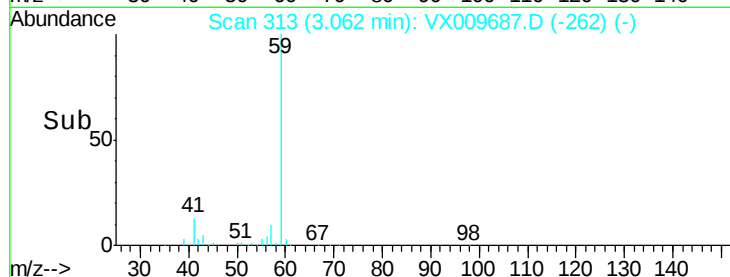
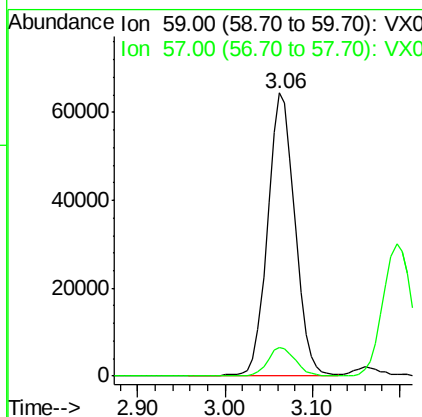
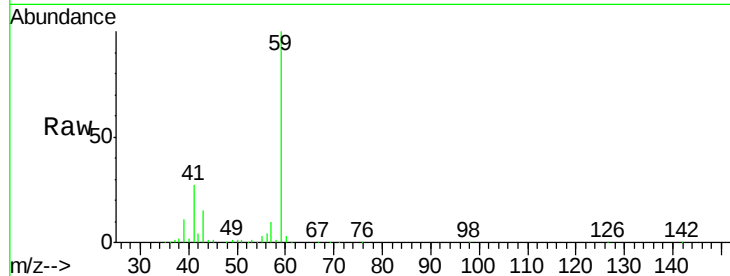
#11
Tert butyl alcohol
Concen: 314.456 ug/l
RT: 3.06 min Scan# 313
Delta R.T. 0.01 min
Lab File: VX009687.D
Acq: 18 May 2019 01:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 59 Resp: 140172
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.2

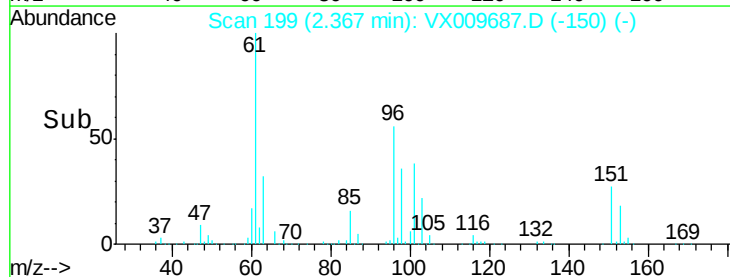
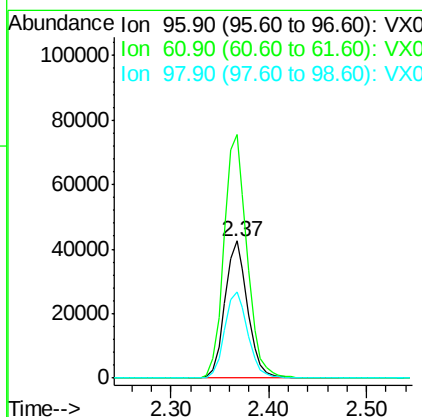
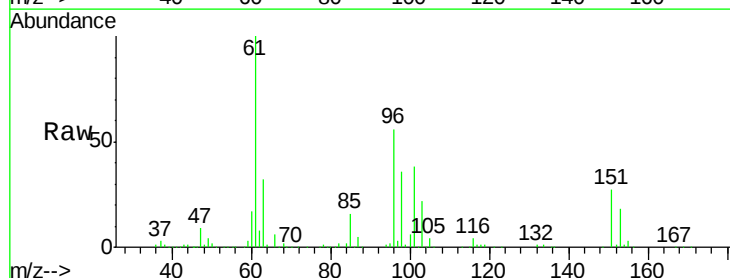
Manual Integrations
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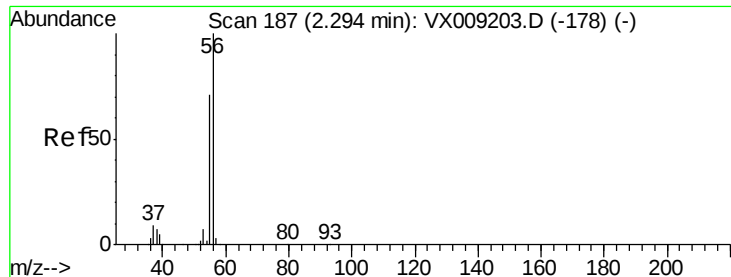
MMDadoda
5/20/2019 11:11:31 AM



#12
1,1-Dichloroethene
Concen: 51.670 ug/l
RT: 2.37 min Scan# 199
Delta R.T. 0.00 min
Lab File: VX009687.D
Acq: 18 May 2019 01:11

Tgt Ion: 96 Resp: 68391
Ion Ratio Lower Upper
96 100
61 178.0 144.3 216.5
98 63.2 50.3 75.5





#13

Acrolein

Concen: 253.940 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX009687.D

Acq: 18 May 2019 01:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 102514

Ion Ratio Lower Upper

56 100

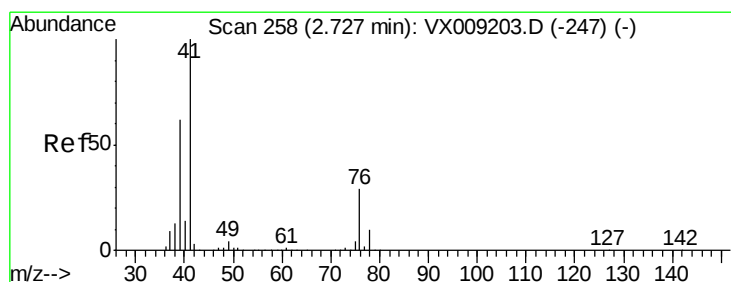
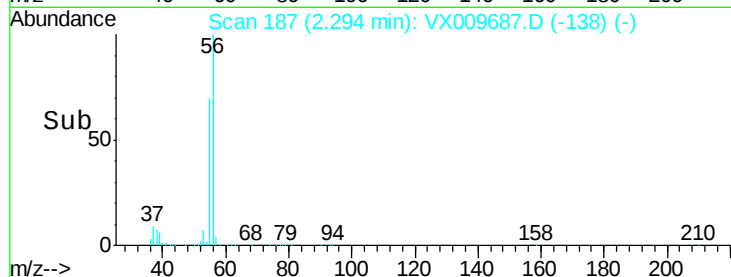
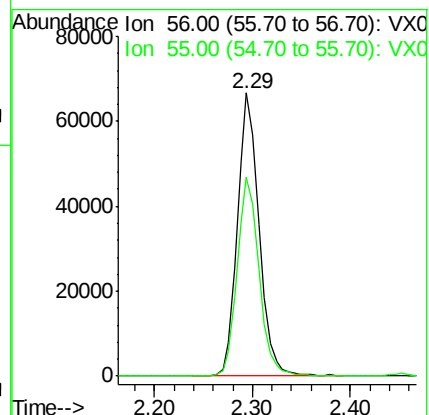
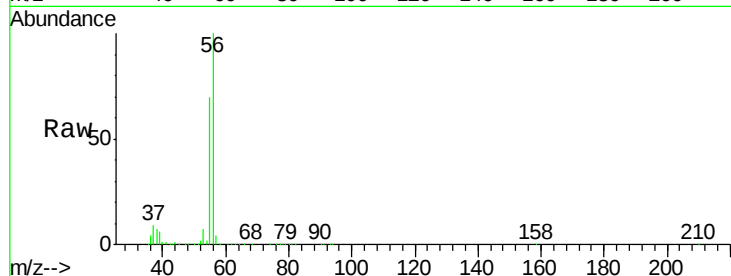
55 70.7 56.6 85.0

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#14

Allyl chloride

Concen: 52.875 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.01 min

Lab File: VX009687.D

Acq: 18 May 2019 01:11

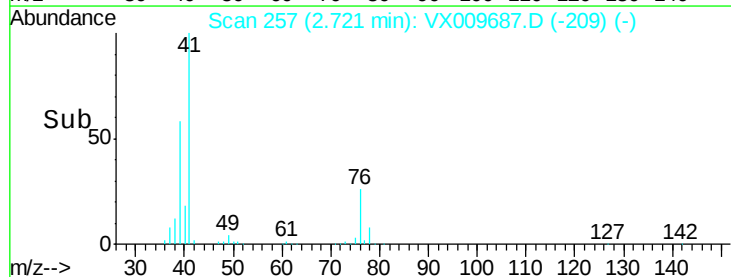
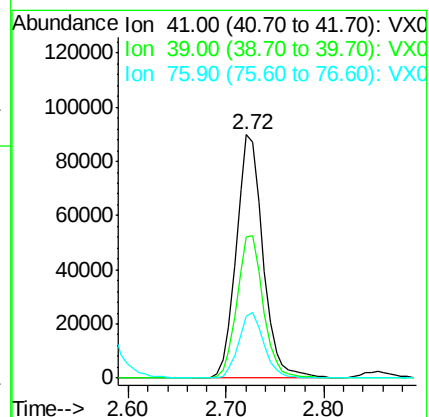
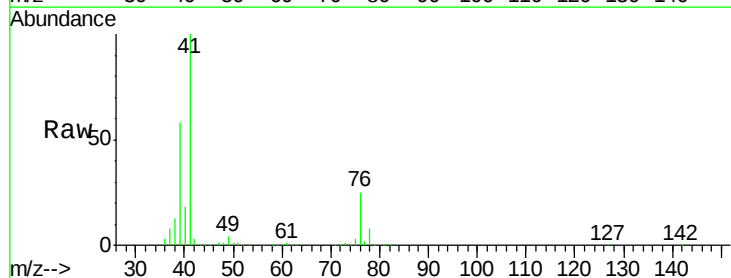
Tgt Ion: 41 Resp: 170556

Ion Ratio Lower Upper

41 100

39 57.7 46.7 70.1

76 25.7 21.8 32.8





#15

Acrylonitrile

Concen: 304.216 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.01 min

Lab File: VX009687.D

Acq: 18 May 2019 01:11

Instrument :

MSVOA_X

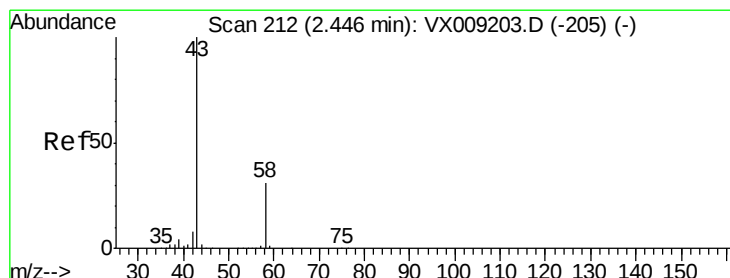
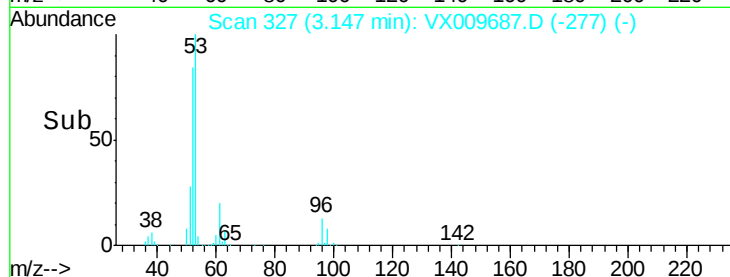
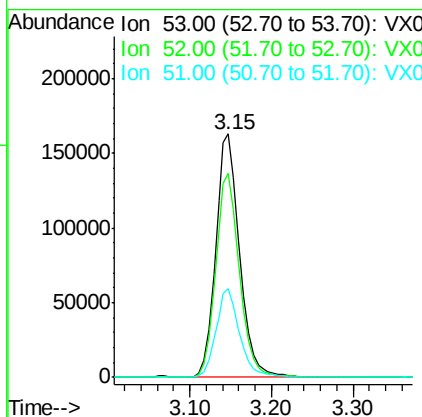
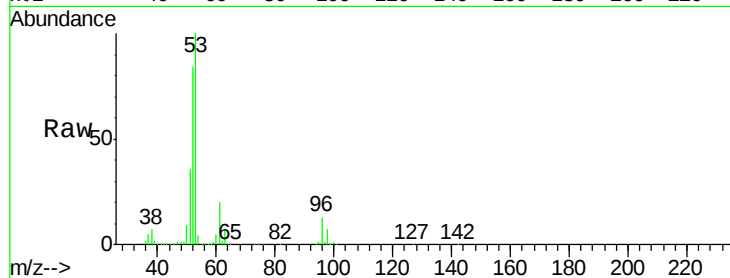
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	331570
Ion Ratio	Lower	Upper	
53	100		
52	83.7	66.9	100.3
51	36.3	28.2	42.2

Manual Integrations
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#16

Acetone

Concen: 284.666 ug/l

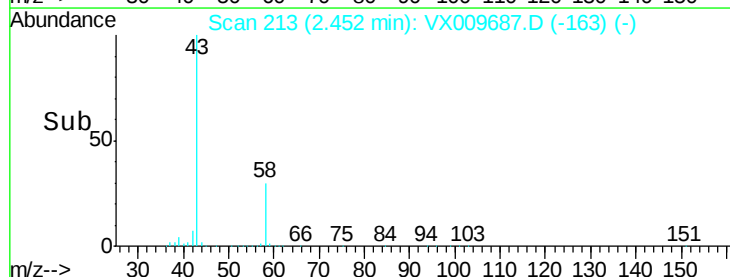
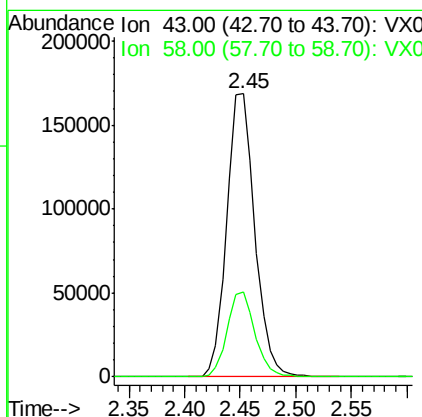
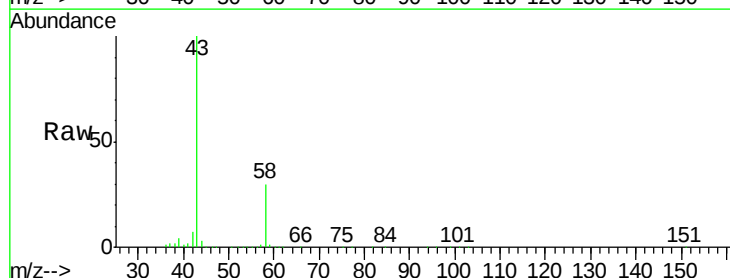
RT: 2.45 min Scan# 213

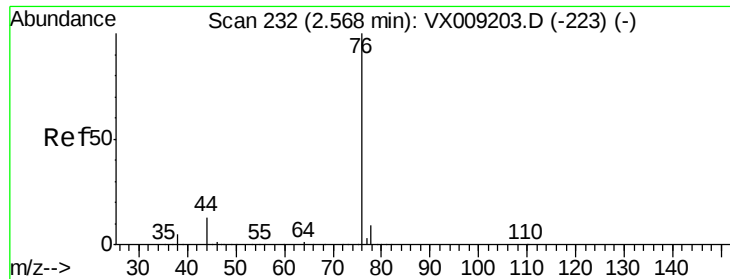
Delta R.T. 0.01 min

Lab File: VX009687.D

Acq: 18 May 2019 01:11

Tgt Ion:	43	Resp:	294357
Ion Ratio	Lower	Upper	
43	100		
58	30.0	24.9	37.3





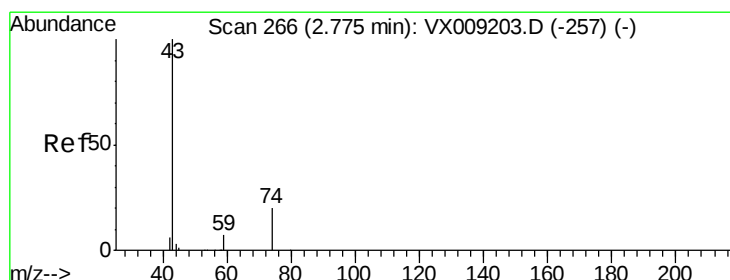
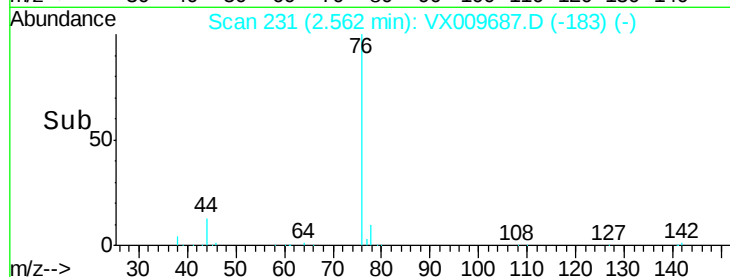
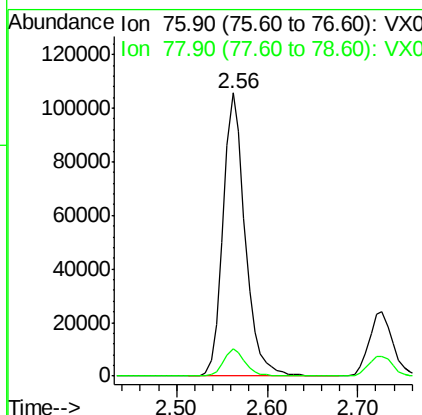
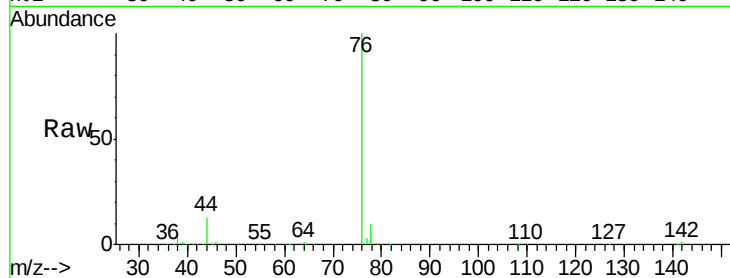
#17
Carbon Disulfide
Concen: 48.255 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX009687.D
Acq: 18 May 2019 01:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 76 Resp: 179322
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0

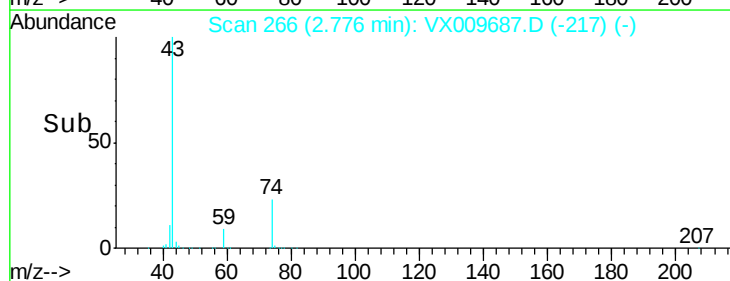
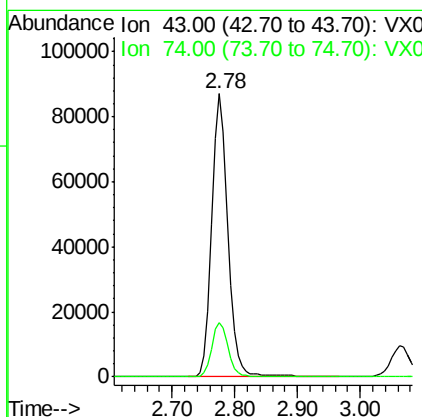
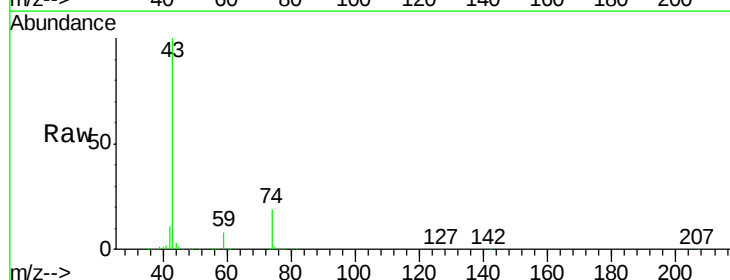
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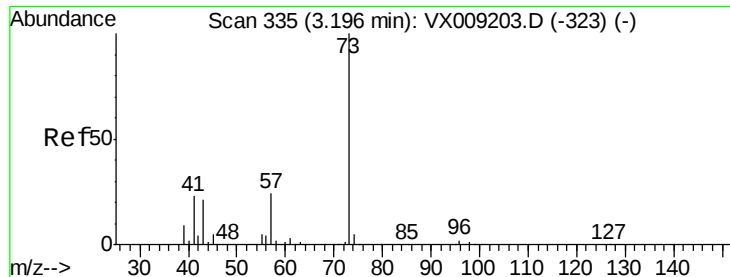
MMDadoda
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#18
Methyl Acetate
Concen: 62.862 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX009687.D
Acq: 18 May 2019 01:11

Tgt Ion: 43 Resp: 154588
Ion Ratio Lower Upper
43 100
74 19.2 16.2 24.4





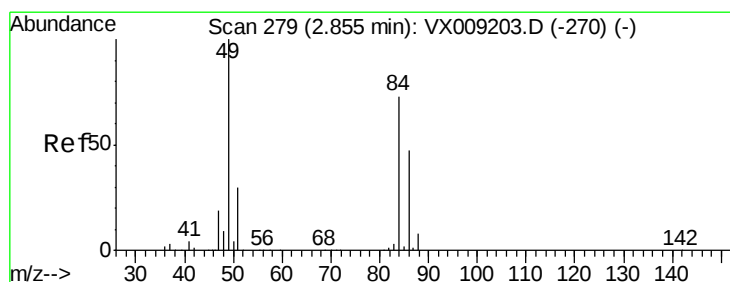
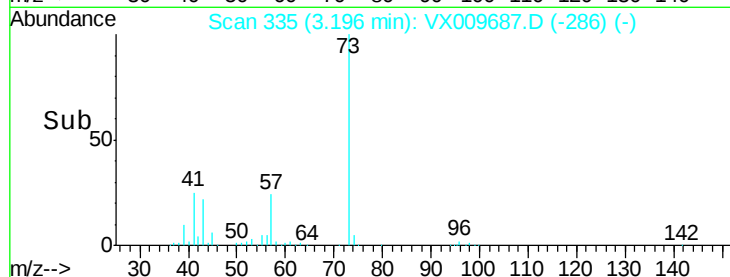
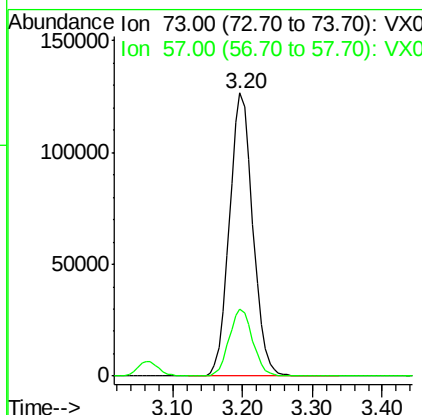
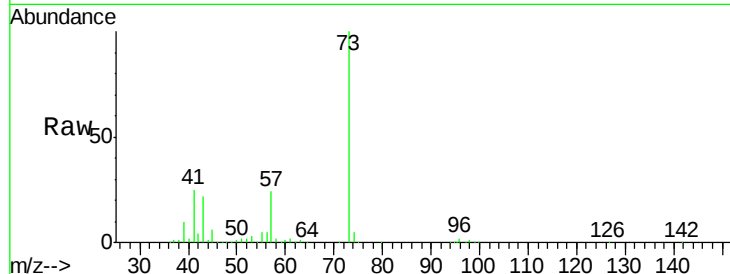
#19
Methyl tert-butyl Ether
Concen: 57.277 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX009687.D
Acq: 18 May 2019 01:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.7	19.3	28.9

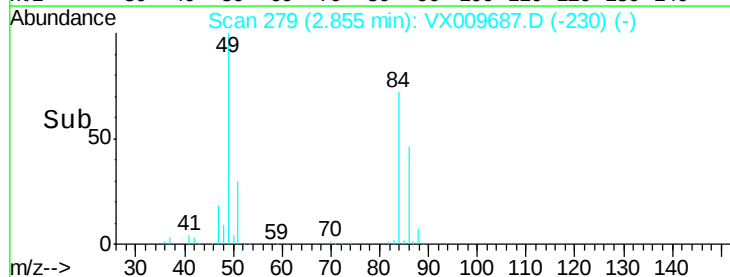
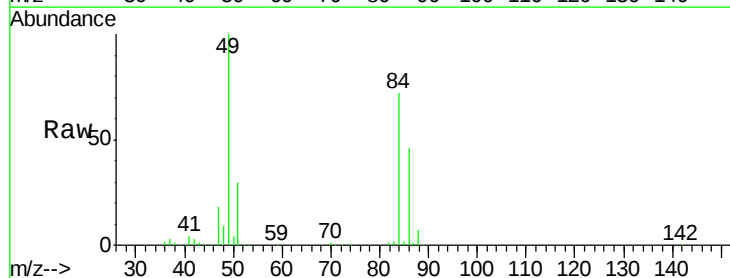
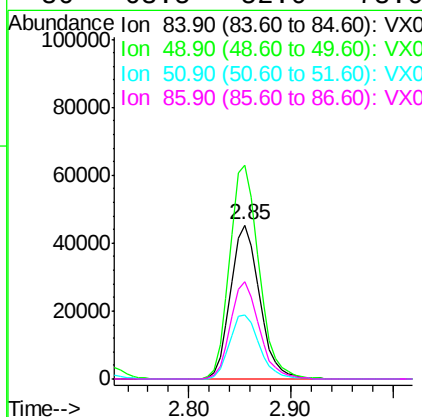
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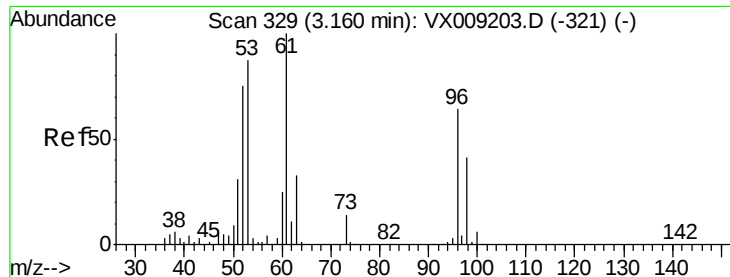
MMDadoda
5/20/2019 11:11:31 AM



#20
Methylene Chloride
Concen: 53.315 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX009687.D
Acq: 18 May 2019 01:11

Tgt Ion	Ratio	Lower	Upper
84	100		
49	139.0	109.9	164.9
51	41.9	32.7	49.1
86	63.5	52.0	78.0





#21

trans-1,2-Dichloroethene

Concen: 52.910 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX009687.D

Acq: 18 May 2019 01:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 75950

Ion Ratio Lower Upper

96 100

61 156.1 124.5 186.7

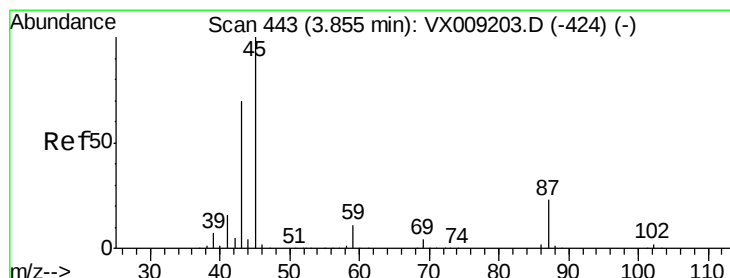
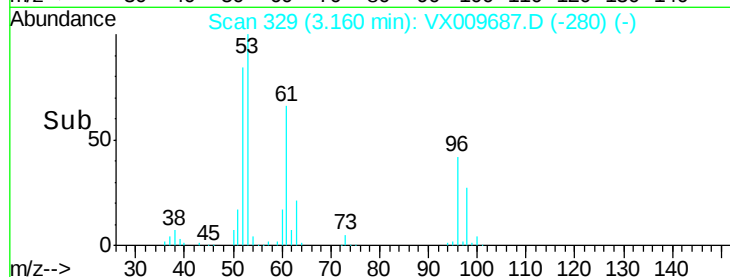
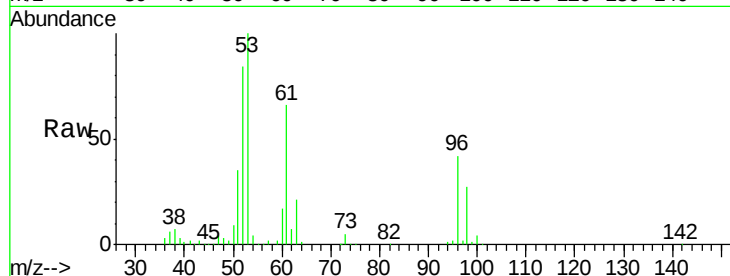
98 63.0 50.4 75.6

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#22

Diisopropyl ether

Concen: 57.240 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX009687.D

Acq: 18 May 2019 01:11

Tgt Ion: 45 Resp: 355080

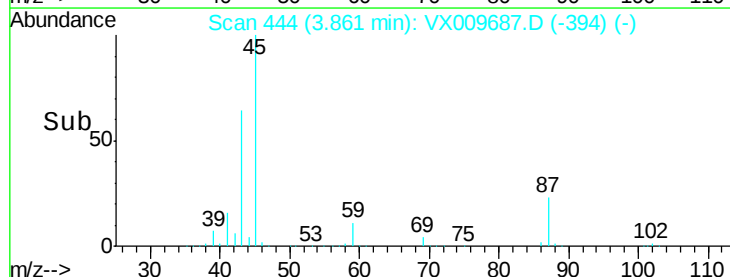
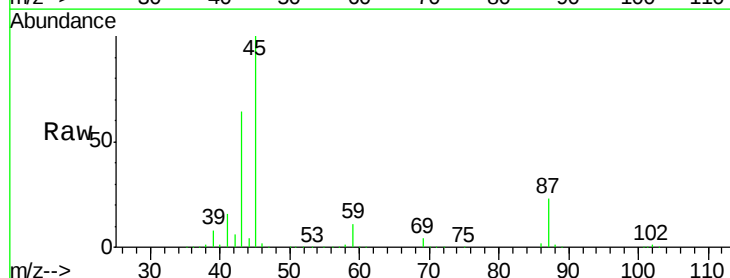
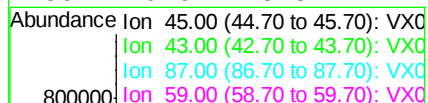
Ion Ratio Lower Upper

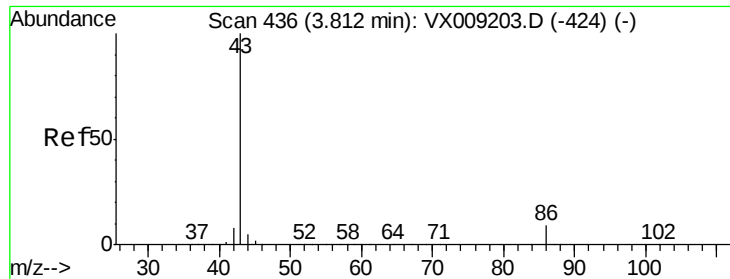
45 100

43 63.5 56.1 84.1

87 22.8 18.1 27.1

59 10.6 8.5 12.7





#23

Vinyl Acetate

Concen: 294.803 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.01 min

Lab File: VX009687.D

Acq: 18 May 2019 01:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1565986

Ion Ratio Lower Upper

43 100

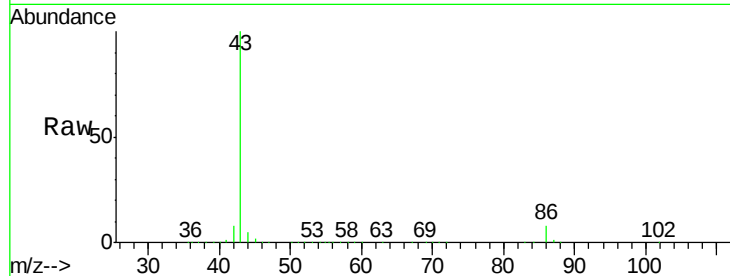
86 8.3 6.9 10.3

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

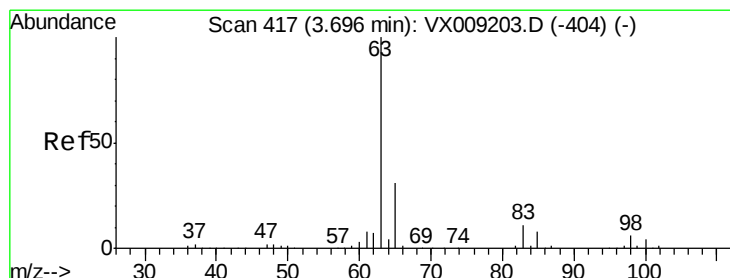
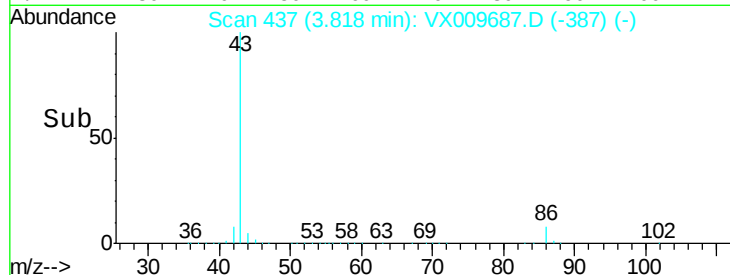
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 55.236 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX009687.D

Acq: 18 May 2019 01:11

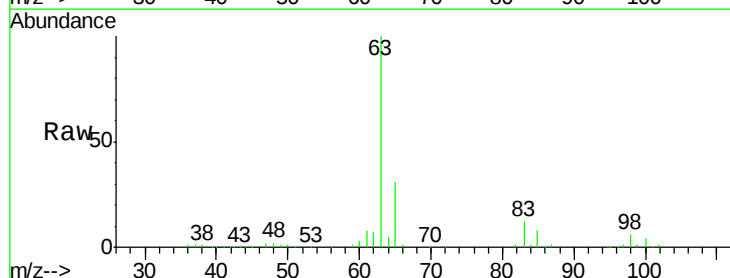
Tgt Ion: 63 Resp: 169031

Ion Ratio Lower Upper

63 100

98 6.2 3.0 9.2

100 3.8 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

3.70

80000

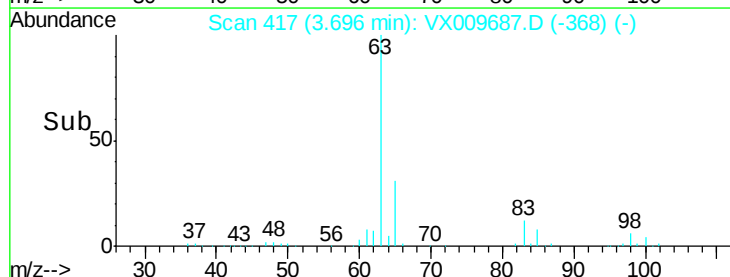
60000

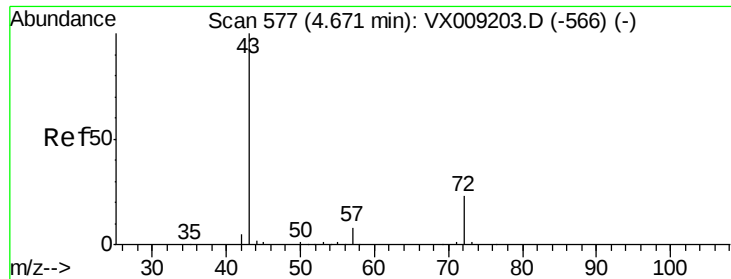
40000

20000

0

Time-->





#25

2-Butanone

Concen: 310.726 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX009687.D

Acq: 18 May 2019 01:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 499296

Ion Ratio Lower Upper

43 100

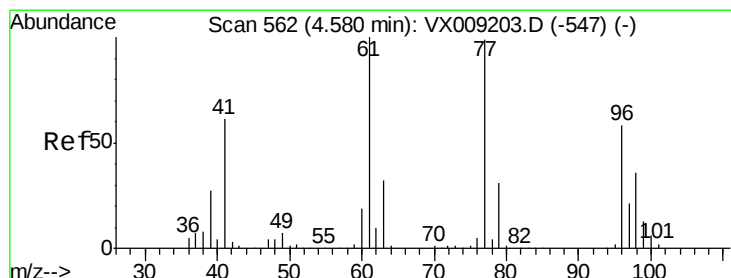
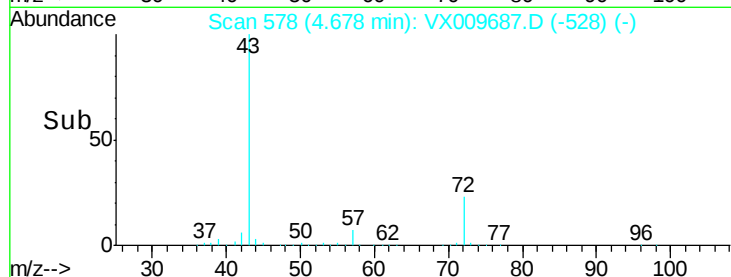
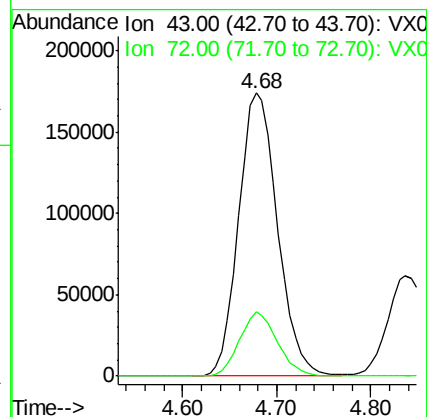
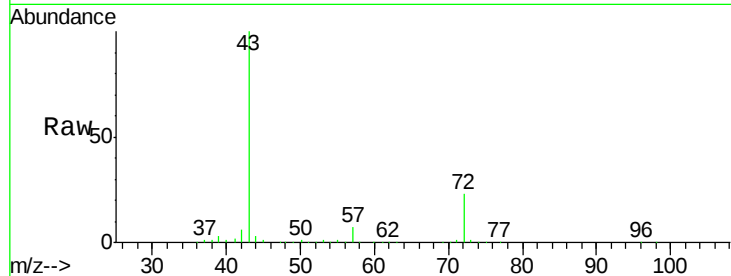
72 22.7 18.2 27.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 36.490 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX009687.D

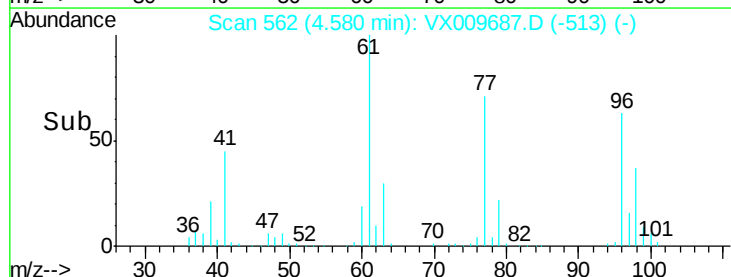
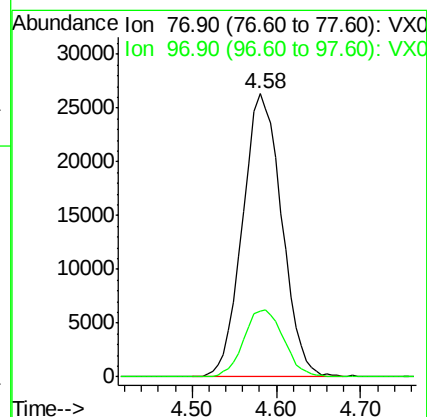
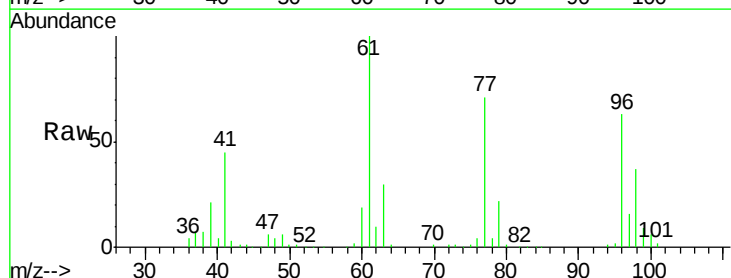
Acq: 18 May 2019 01:11

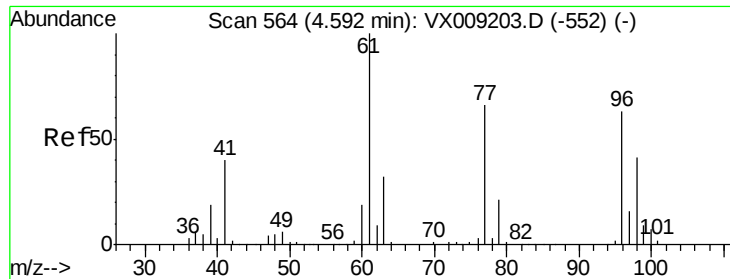
Tgt Ion: 77 Resp: 83117

Ion Ratio Lower Upper

77 100

97 24.1 11.5 34.4





#27

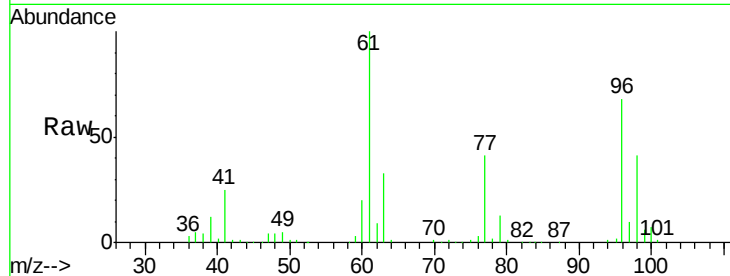
cis-1,2-Dichloroethene
Concen: 54.369 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.01 min
Lab File: VX009687.D
Acq: 18 May 2019 01:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

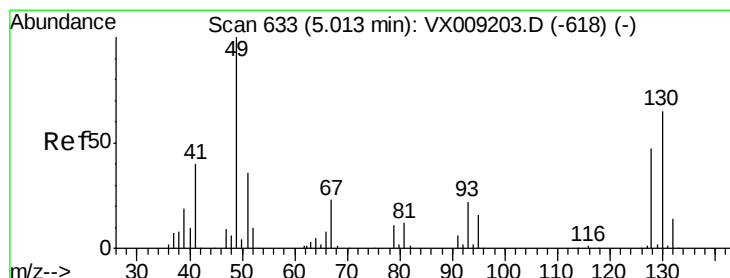
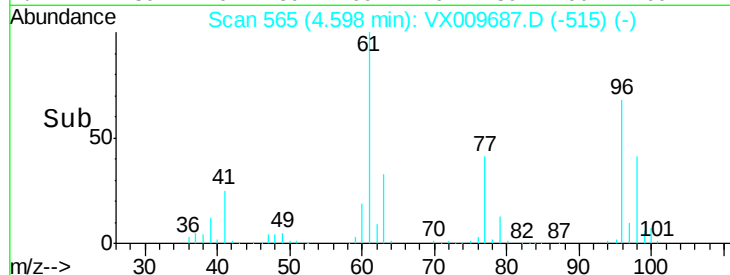
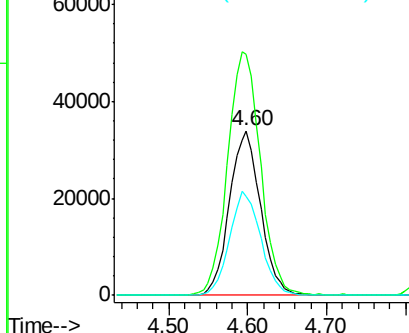
Tot Ion	Ratio	Lower	Upper
96	100		
61	156.3	0.0	324.0
98	63.4	0.0	130.4

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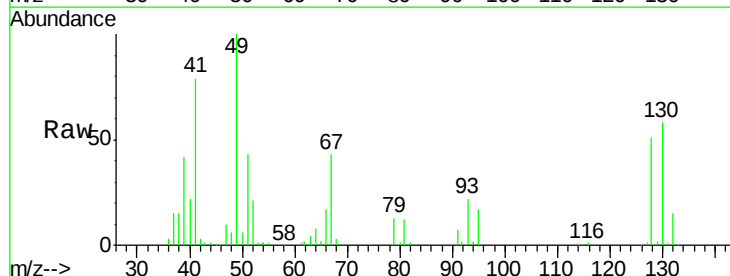
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



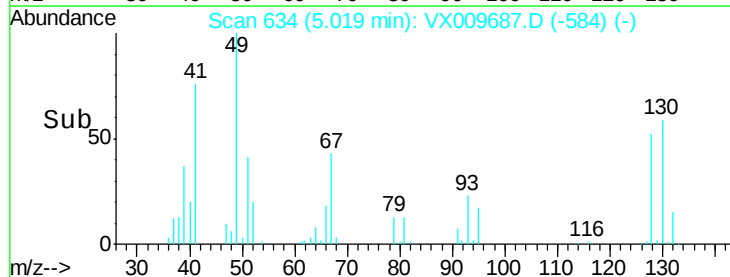
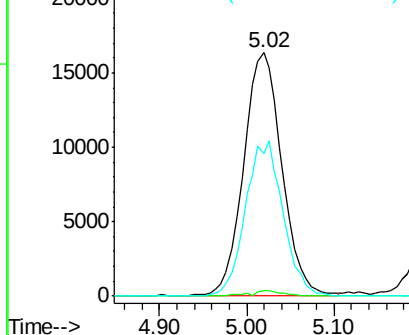
#28

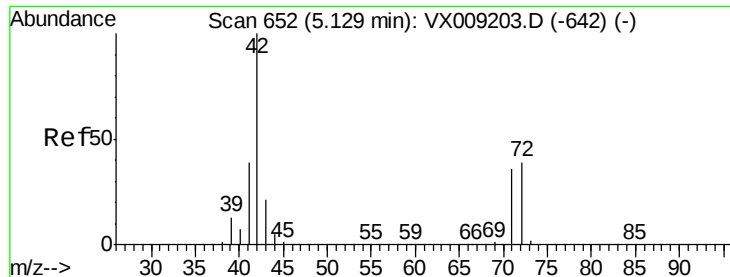
Bromochloromethane
Concen: 39.994 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.01 min
Lab File: VX009687.D
Acq: 18 May 2019 01:11

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.8
130	62.1	51.2	76.8



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





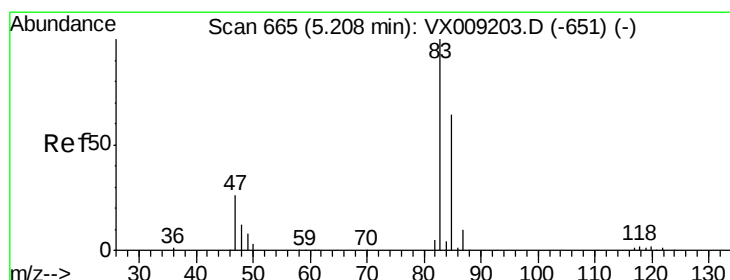
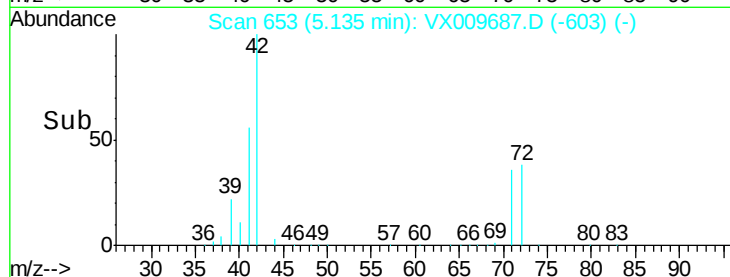
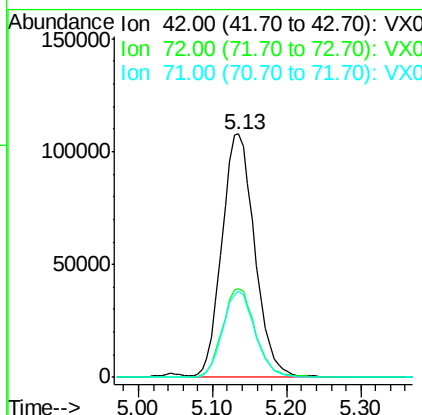
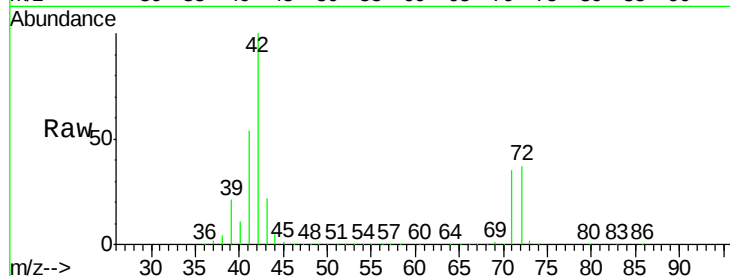
#29
Tetrahydrofuran
Concen: 319.101 ug/l
RT: 5.13 min Scan# 653
Delta R.T. 0.01 min
Lab File: VX009687.D
Acq: 18 May 2019 01:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	36.9	30.4	45.6
71	34.9	28.6	43.0

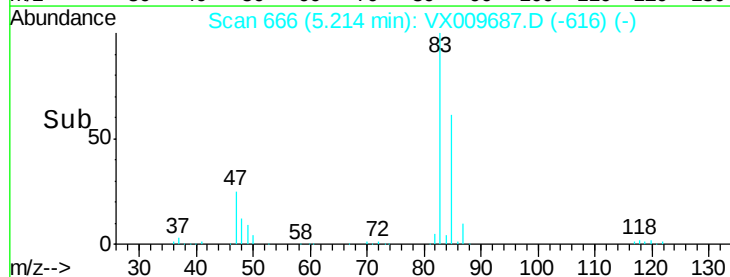
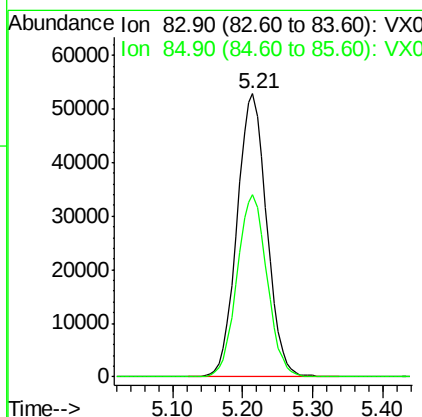
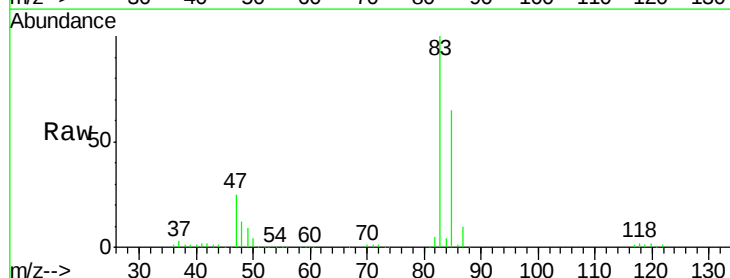
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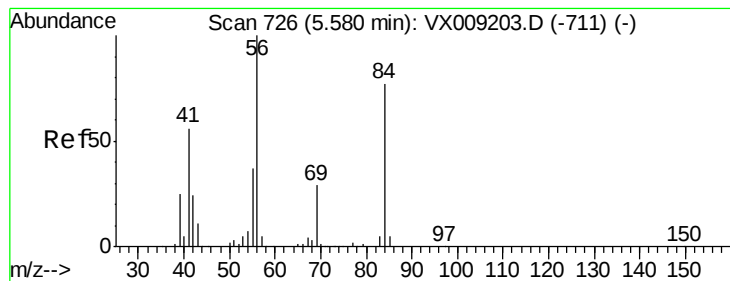
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#30
Chloroform
Concen: 56.261 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX009687.D
Acq: 18 May 2019 01:11

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.5	77.3





#31

Cyclohexane

Concen: 52.254 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX009687.D

Acq: 18 May 2019 01:11

Instrument :

MSVOA_X

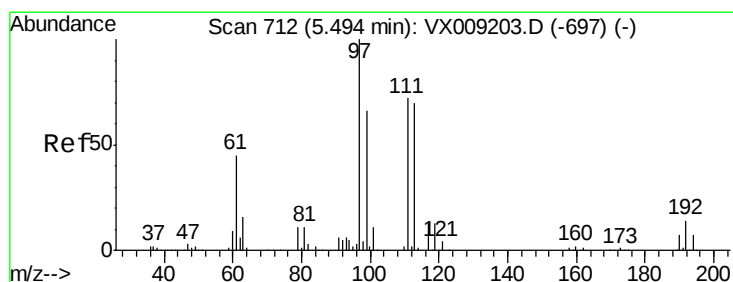
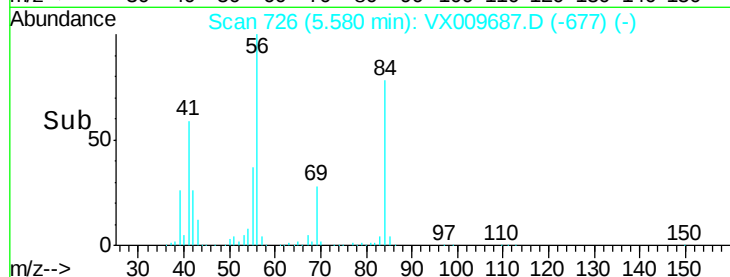
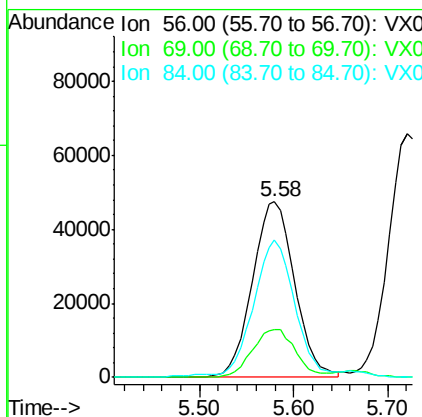
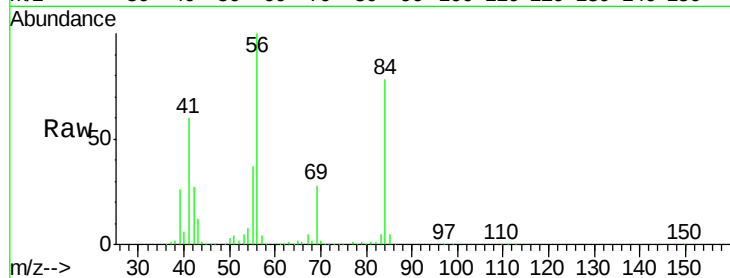
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	148770
Ion	Ratio	Lower	Upper
56	100		
69	27.6	23.4	35.0
84	77.0	61.9	92.9

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#32

1,1,1-Trichloroethane

Concen: 55.397 ug/l

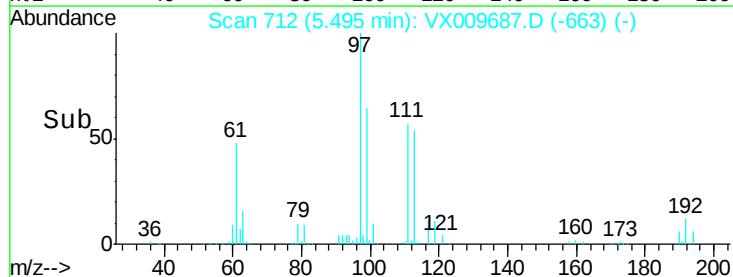
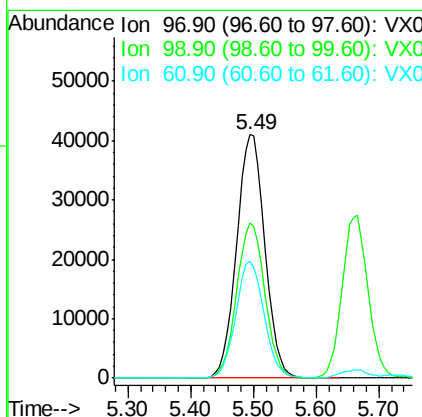
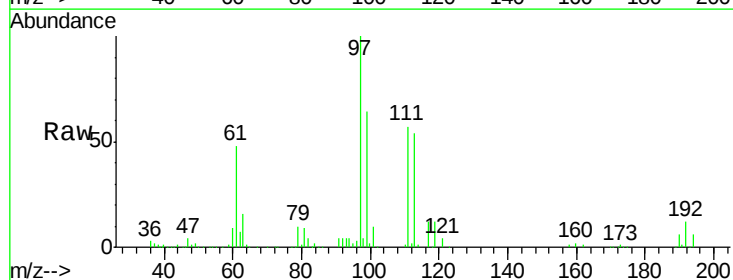
RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX009687.D

Acq: 18 May 2019 01:11

Tgt Ion:	97	Resp:	127635
Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.8	77.8
61	48.1	37.8	56.8





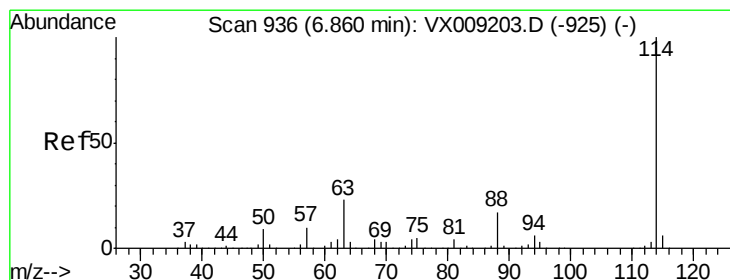
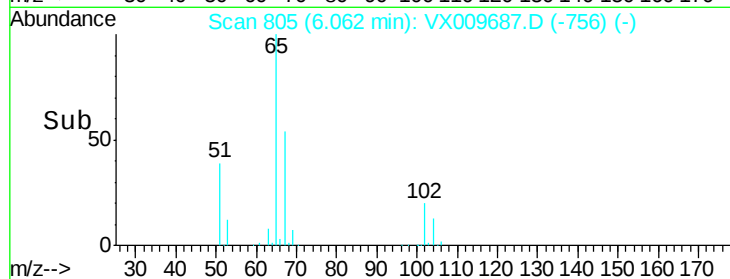
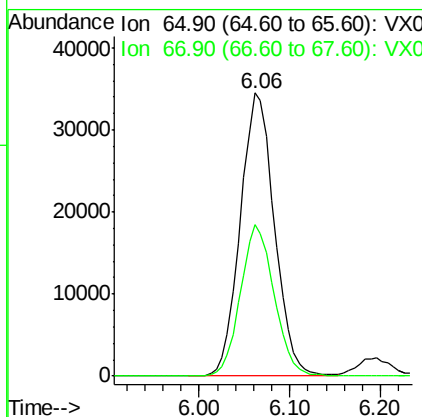
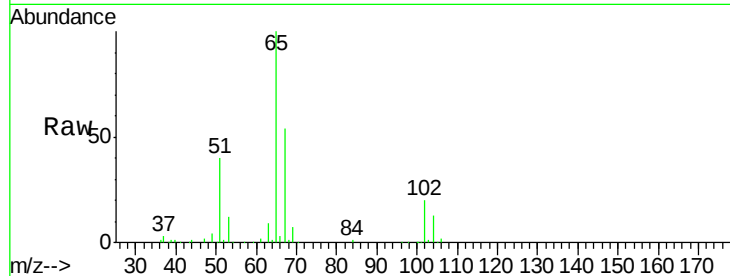
#33
 1,2-Dichloroethane-d4
 Concen: 46.775 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009687.D
 Acq: 18 May 2019 01:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	106.6

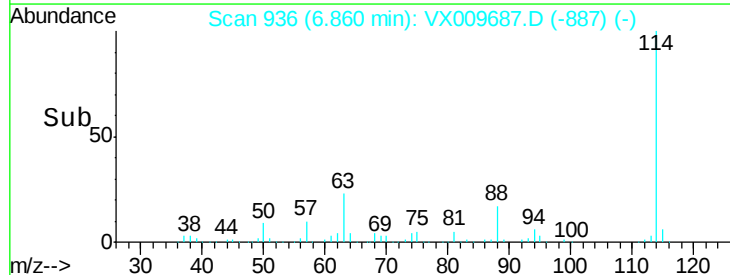
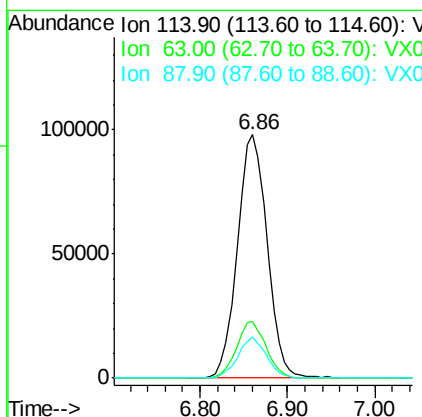
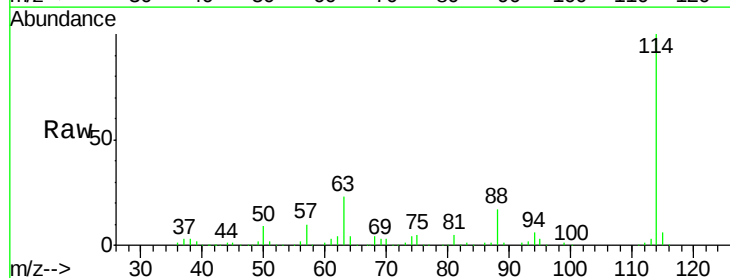
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009687.D
 Acq: 18 May 2019 01:11

Tgt Ion	Ratio	Lower	Upper
114	100		
63	23.1	0.0	45.6
88	16.8	0.0	33.2





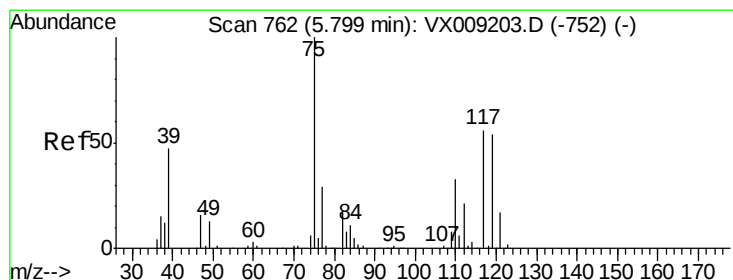
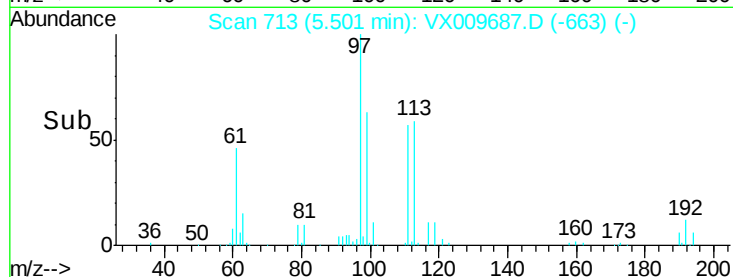
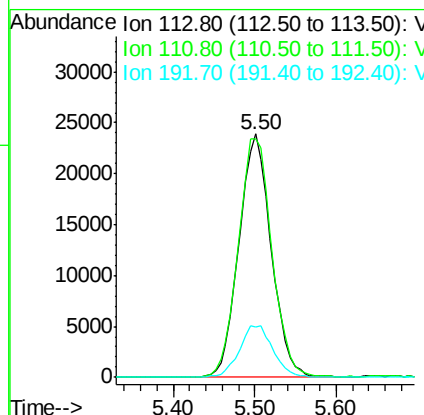
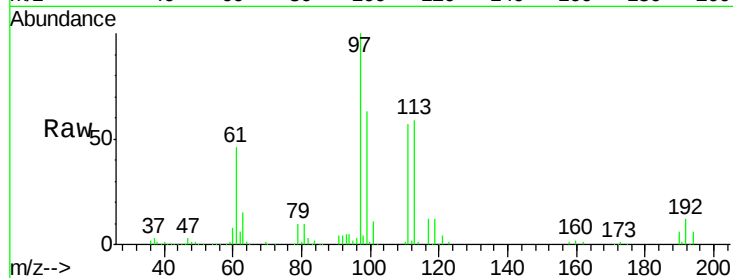
#35
 Dibromofluoromethane
 Concen: 44.930 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009687.D
 Acq: 18 May 2019 01:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.8	124.2
192	22.1	17.0	25.6

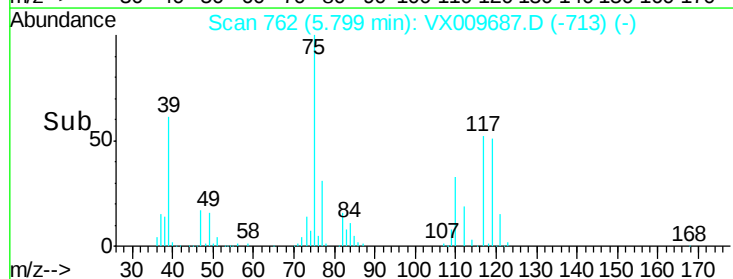
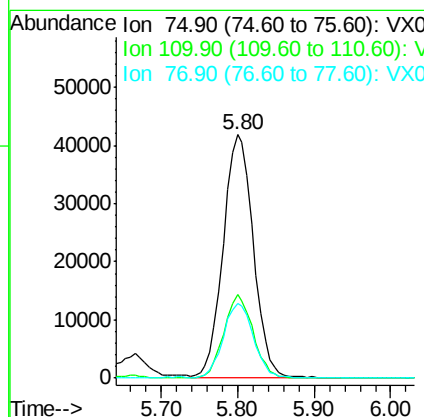
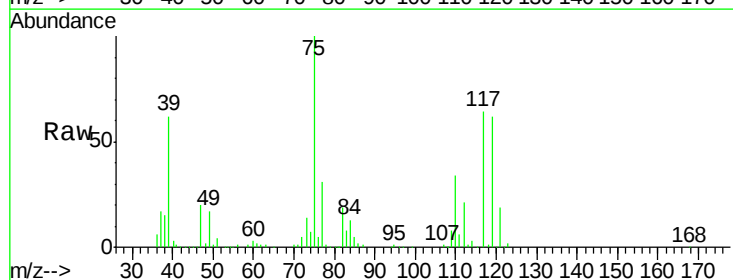
Manual Integrations
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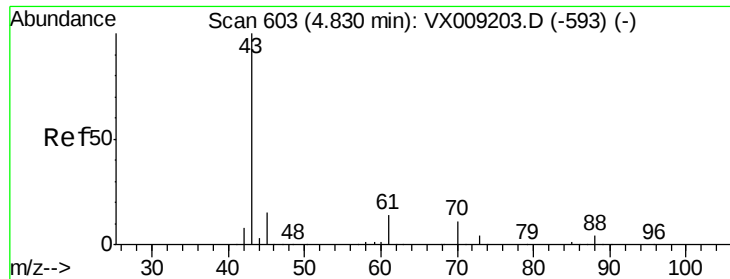
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#36
 1,1-Dichloropropene
 Concen: 52.653 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX009687.D
 Acq: 18 May 2019 01:11

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.4	16.9	50.6
77	30.7	24.8	37.2





#37

Ethyl Acetate

Concen: 61.085 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.01 min

Lab File: VX009687.D

Acq: 18 May 2019 01:11

Instrument :

MSVOA_X

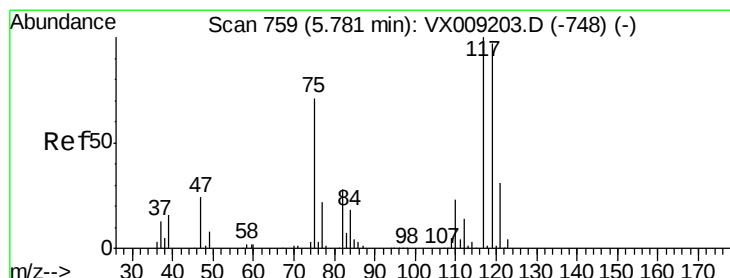
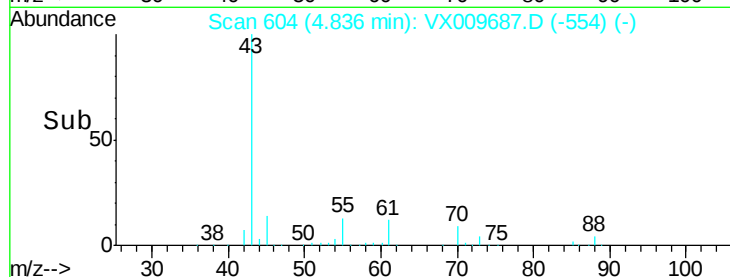
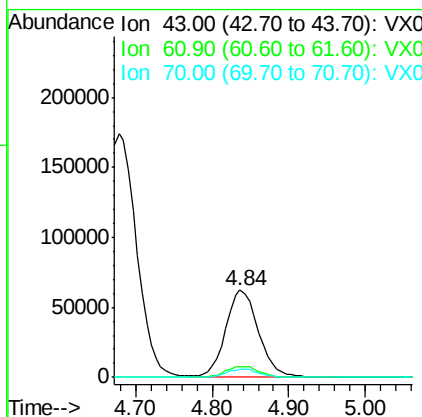
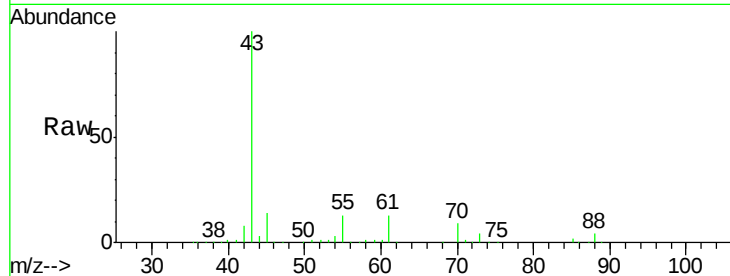
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	183660
Ion	Ratio	Lower	Upper
43	100		
61	13.0	10.5	15.7
70	9.4	7.9	11.9

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#38

Carbon Tetrachloride

Concen: 53.769 ug/l

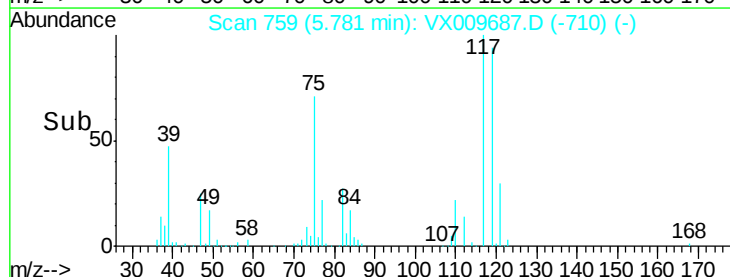
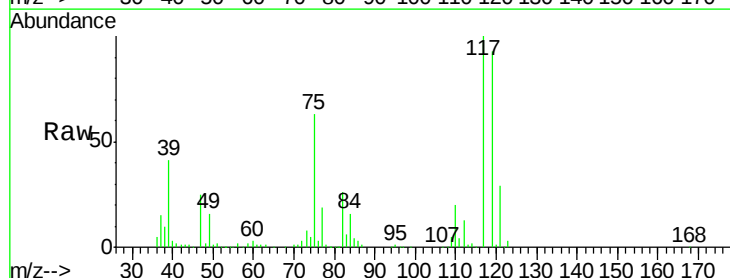
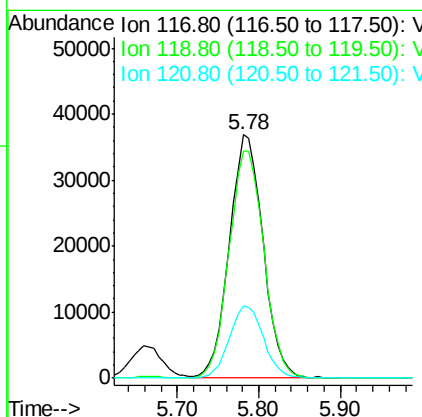
RT: 5.78 min Scan# 759

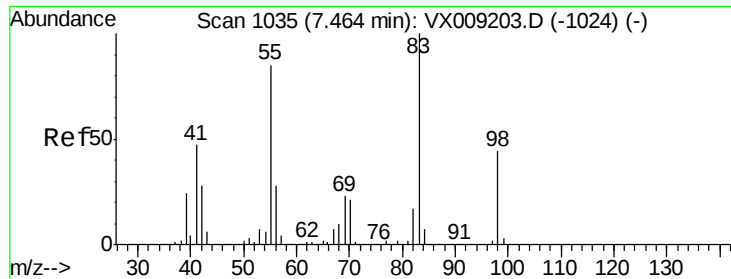
Delta R.T. 0.00 min

Lab File: VX009687.D

Acq: 18 May 2019 01:11

Tgt Ion:	117	Resp:	105420
Ion	Ratio	Lower	Upper
117	100		
119	93.3	77.5	116.3
121	29.4	24.7	37.1





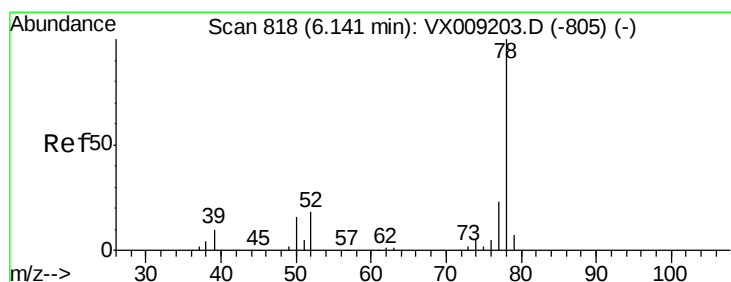
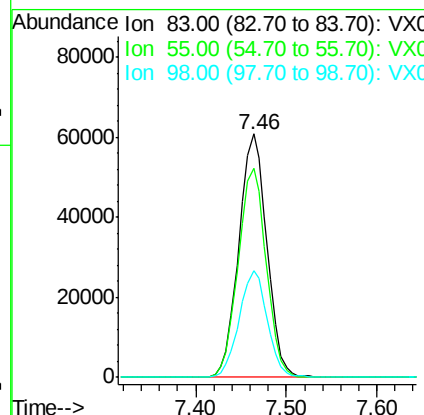
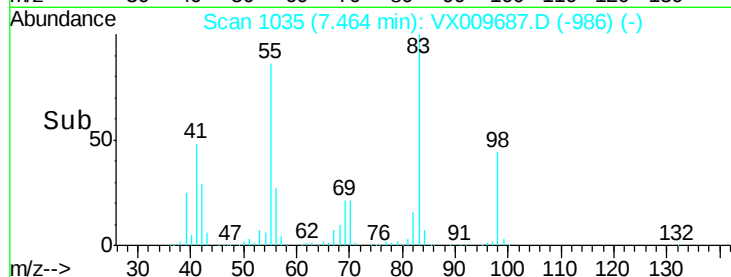
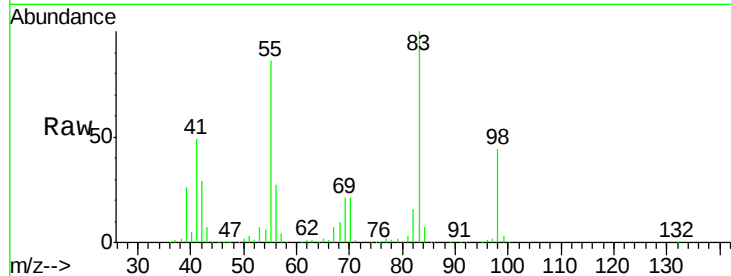
#39
Methvlcvclohexane
Concen: 49.232 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX009687.D
Acq: 18 May 2019 01:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	85.8	67.7	101.5
98	43.7	35.5	53.3

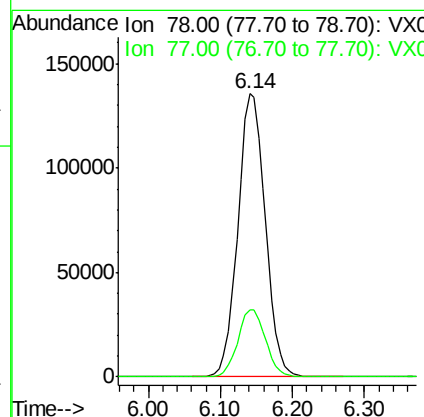
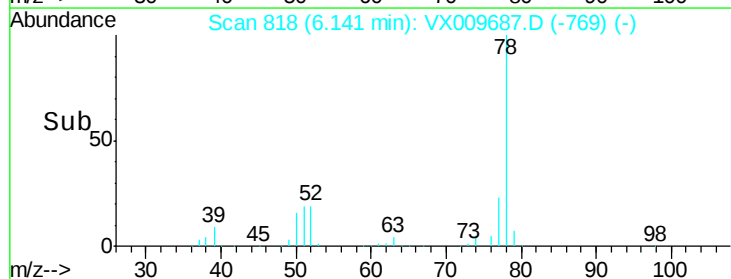
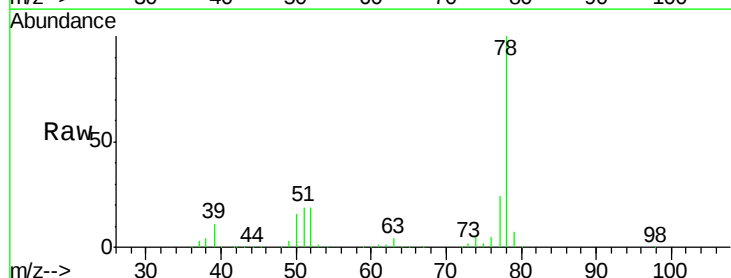
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#40
Benzene
Concen: 53.594 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX009687.D
Acq: 18 May 2019 01:11

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.8	28.2





#41

Methacrylonitrile

Concen: 57.696 ug/l

RT: 5.04 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX009687.D

Acq: 18 May 2019 01:11

Instrument :

MSVOA_X

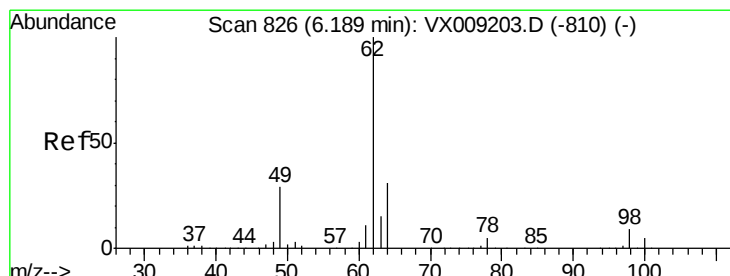
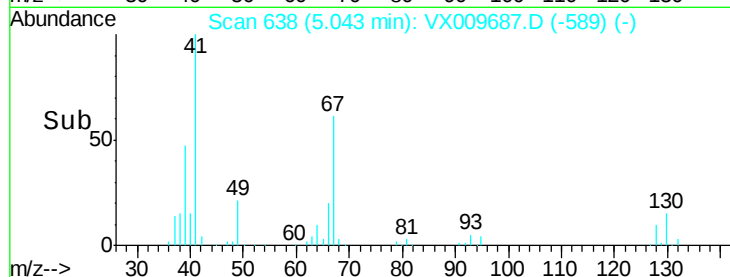
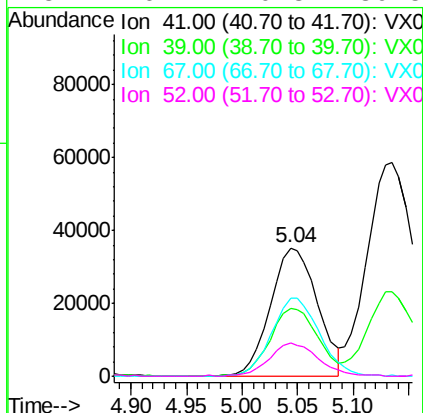
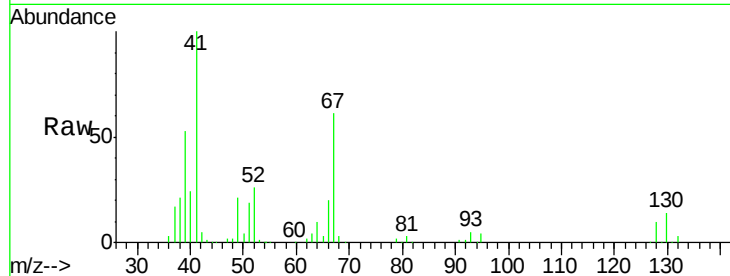
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.4	42.0	63.0	
67	62.5	49.8	74.8	
52	26.7	20.3	30.5	

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#42

1,2-Dichloroethane

Concen: 55.925 ug/l

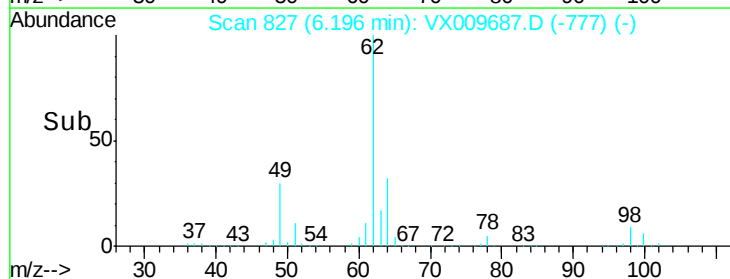
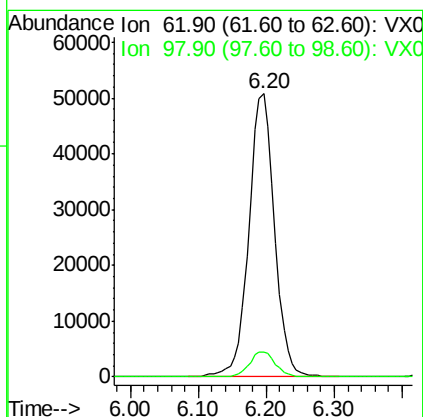
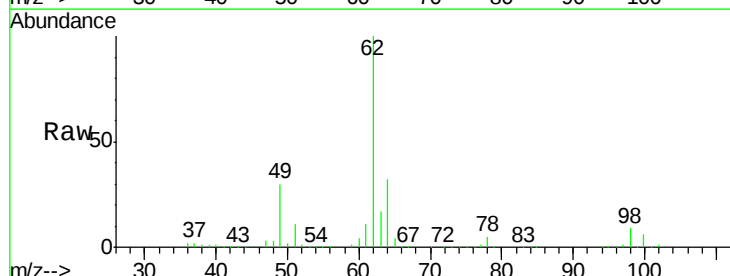
RT: 6.20 min Scan# 827

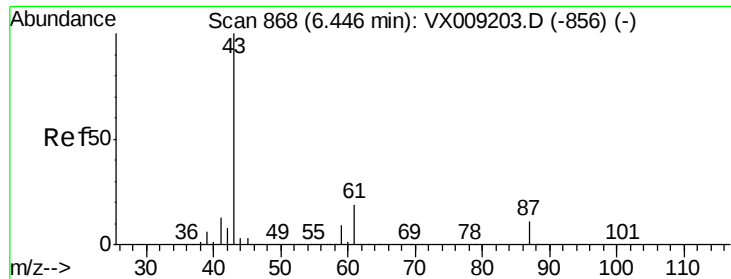
Delta R.T. 0.01 min

Lab File: VX009687.D

Acq: 18 May 2019 01:11

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.8	0.0	18.2	





#43

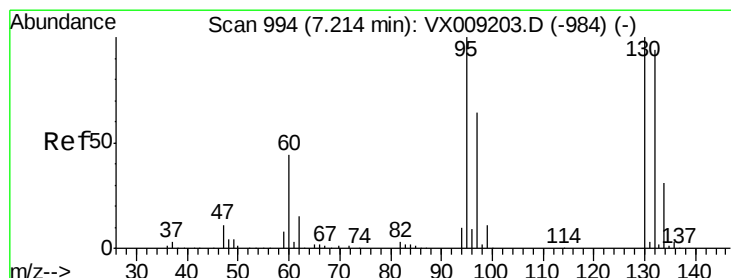
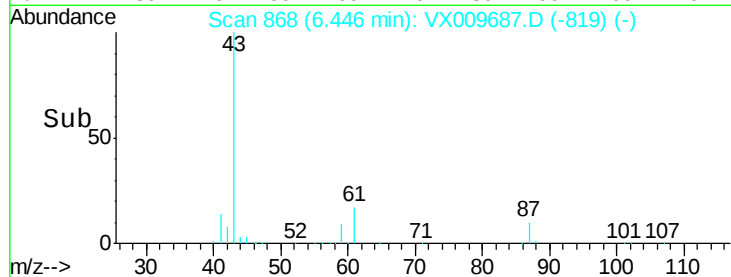
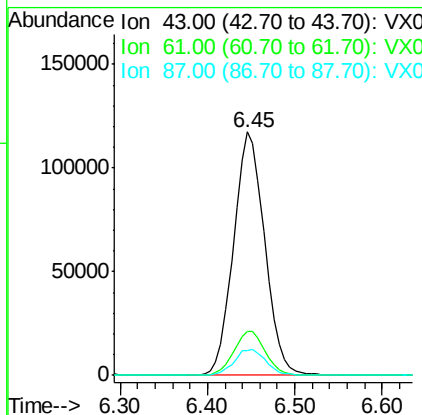
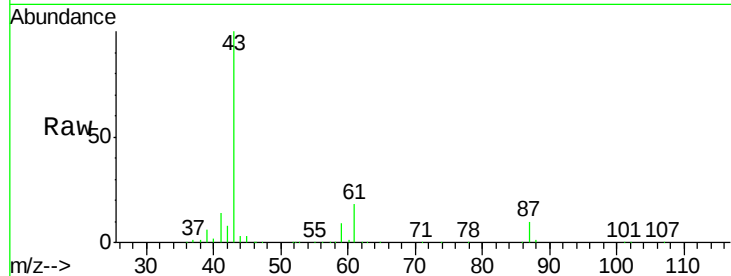
Isopropyl Acetate
 Concen: 60.232 ug/l
 RT: 6.45 min Scan# 868
 Delta R.T. 0.00 min
 Lab File: VX009687.D
 Acq: 18 May 2019 01:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.4	15.1	22.7
87	11.0	9.0	13.6

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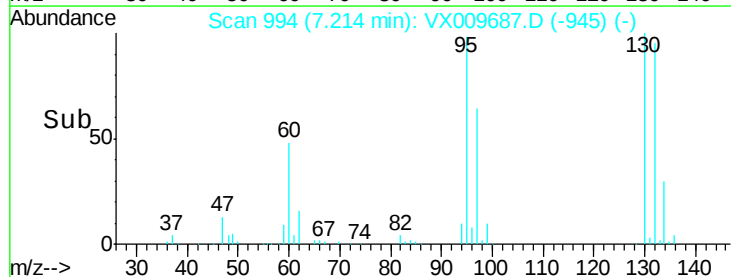
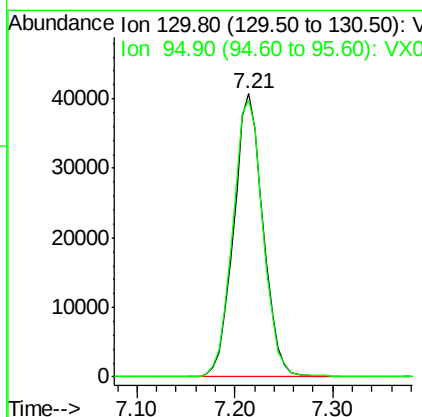
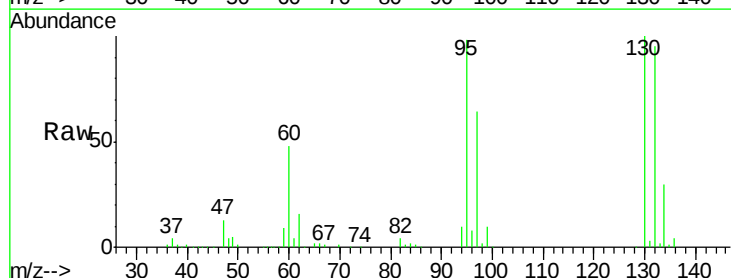
MMDadoda
 5/20/2019 11:11:31 AM

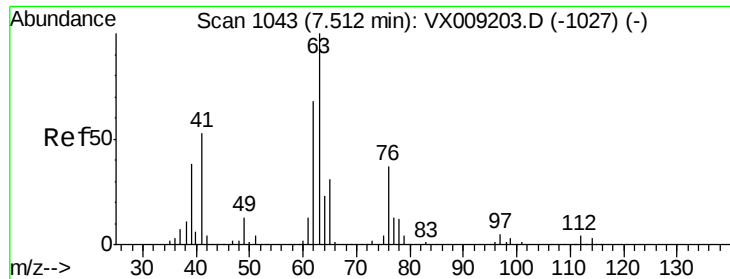


#44

Trichloroethene
 Concen: 52.367 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX009687.D
 Acq: 18 May 2019 01:11

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.9	0.0	199.2





#45

1,2-Dichloropropane

Concen: 54.710 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX009687.D

Acq: 18 May 2019 01:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 103461

Ion Ratio Lower Upper

63 100

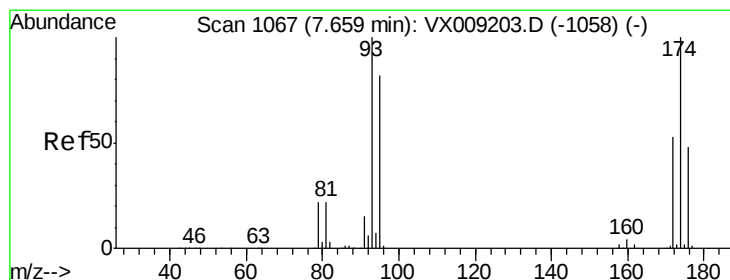
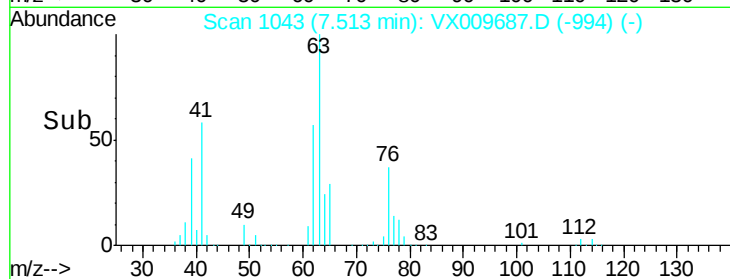
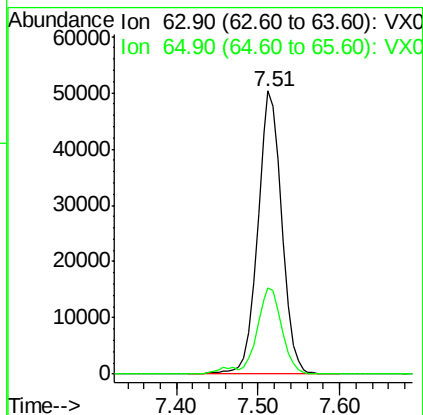
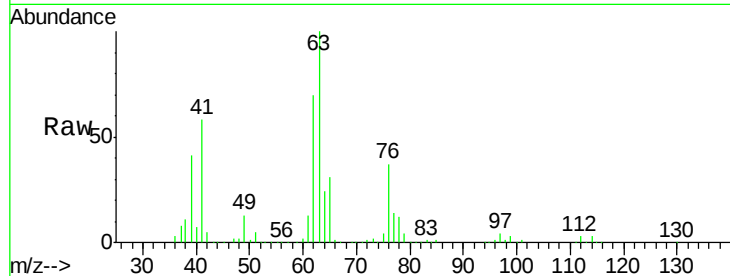
65 30.5 25.0 37.6

Manual Integrations

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#46

Dibromomethane

Concen: 54.613 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX009687.D

Acq: 18 May 2019 01:11

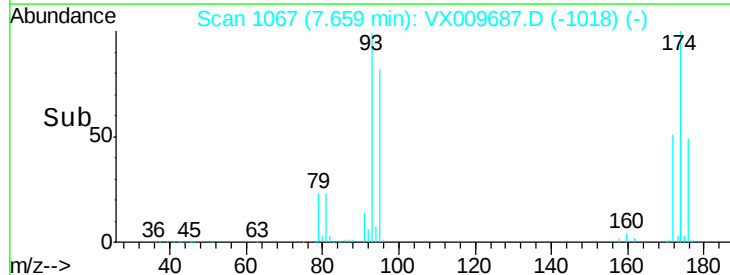
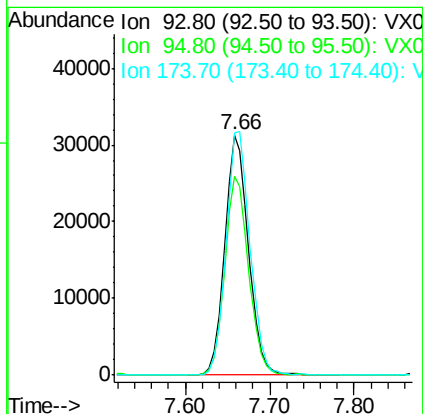
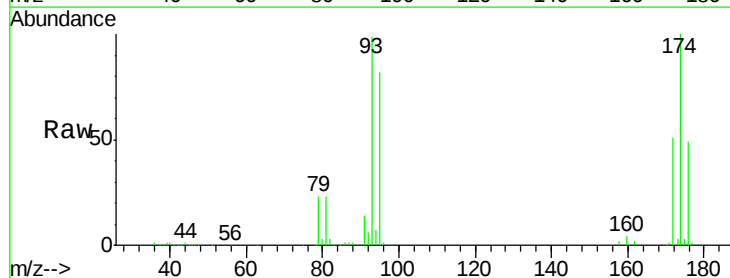
Tgt Ion: 93 Resp: 59973

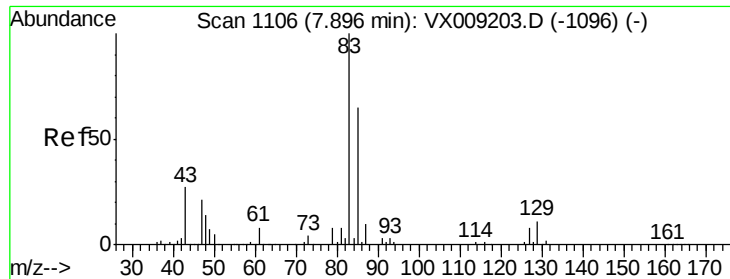
Ion Ratio Lower Upper

93 100

95 83.1 66.5 99.7

174 102.6 82.1 123.1





#47

Bromodichloromethane

Concen: 55.917 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX009687.D

Acq: 18 May 2019 01:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 122489

Ion Ratio Lower Upper

83 100

85 63.4 52.4 78.6

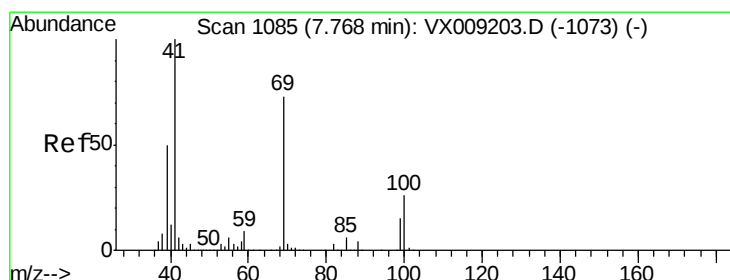
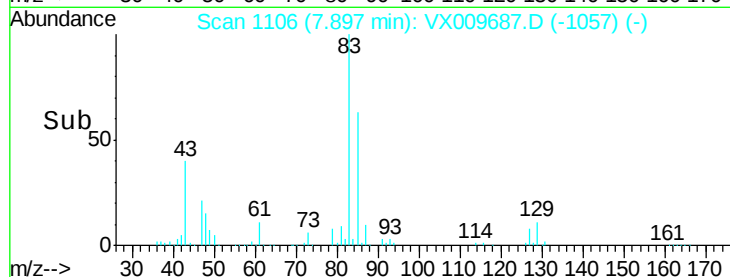
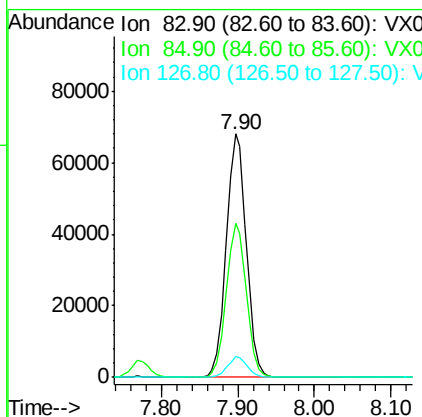
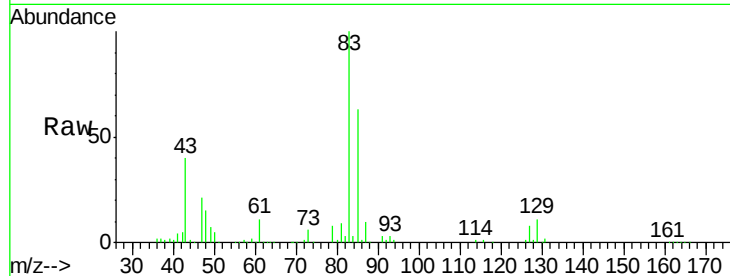
127 8.4 6.6 10.0

Manual Integrations

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#48

Methyl methacrylate

Concen: 61.555 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX009687.D

Acq: 18 May 2019 01:11

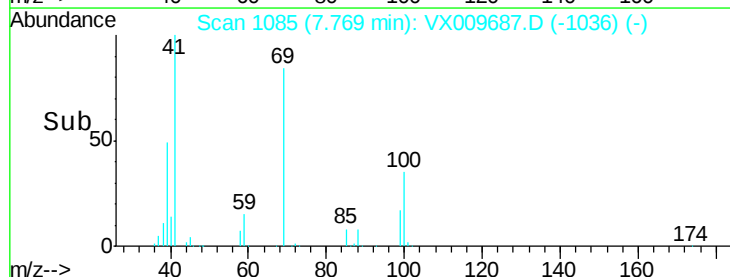
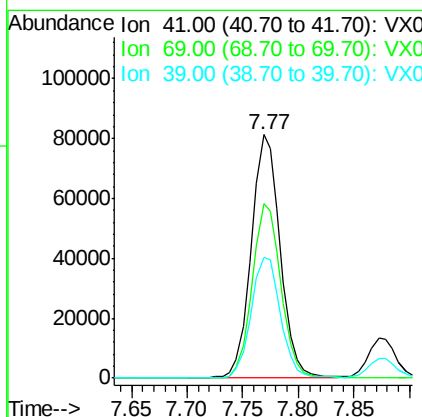
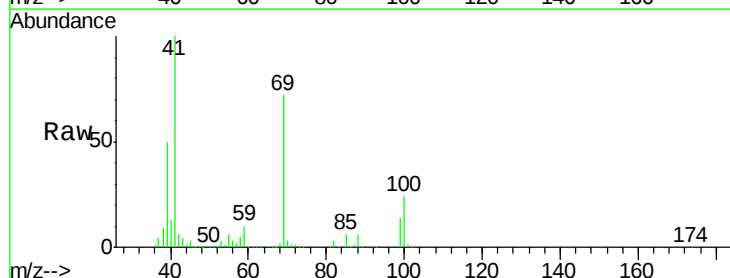
Tgt Ion: 41 Resp: 146871

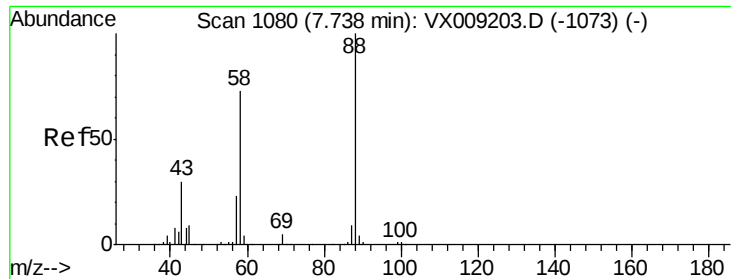
Ion Ratio Lower Upper

41 100

69 72.1 59.1 88.7

39 50.3 40.4 60.6





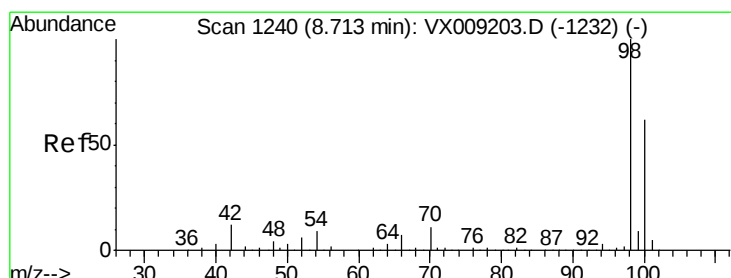
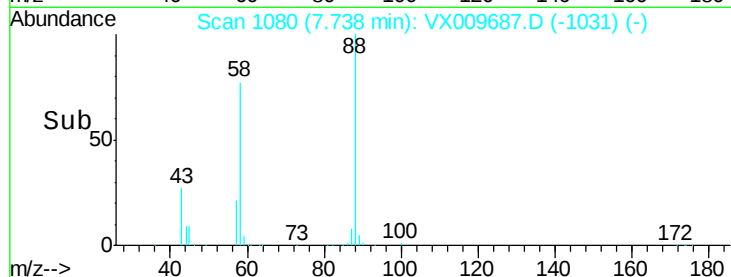
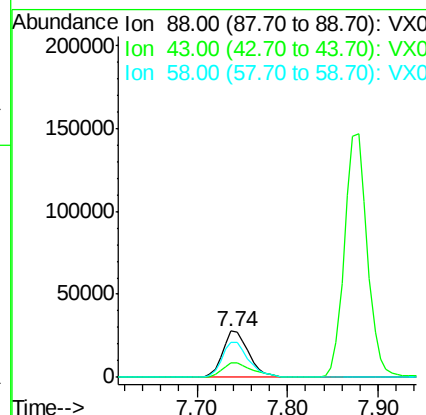
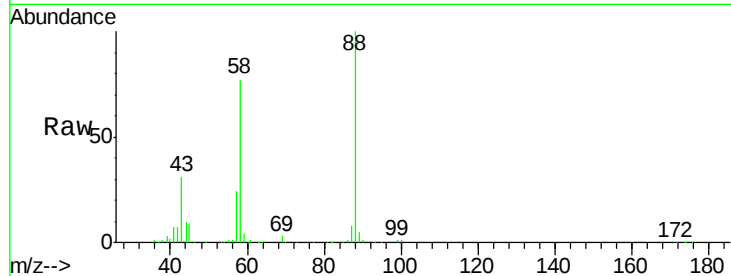
#49
1,4-Dioxane
Concen: 1148.344 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX009687.D
Acq: 18 May 2019 01:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
88	100	55566		
43	35.9		28.6	42.8
58	78.6		61.7	92.5

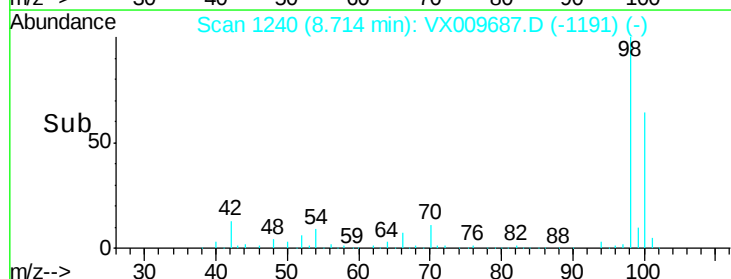
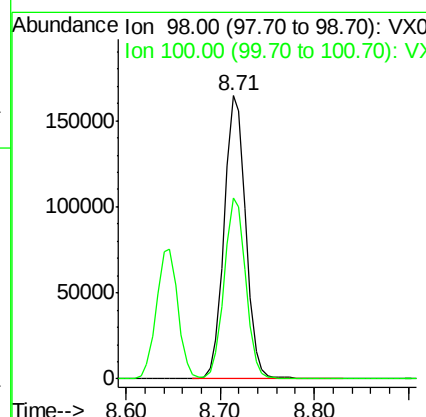
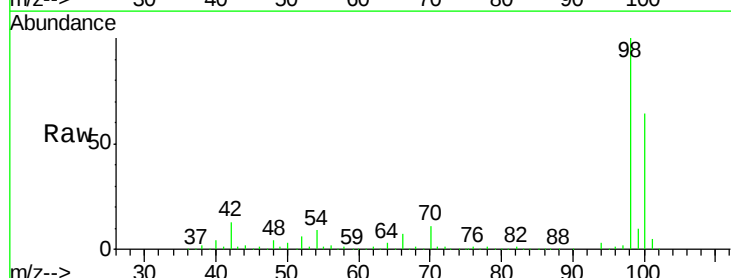
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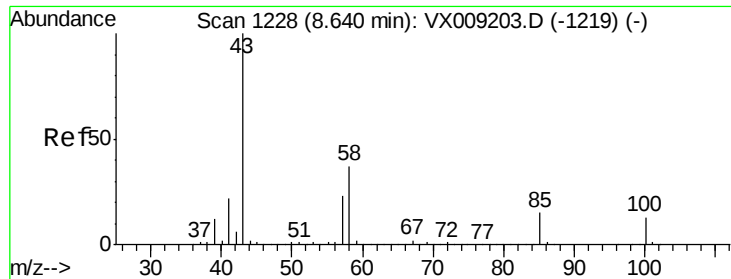
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#50
Toluene-d8
Concen: 44.131 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009687.D
Acq: 18 May 2019 01:11

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	260078		
100	64.7		51.2	76.8





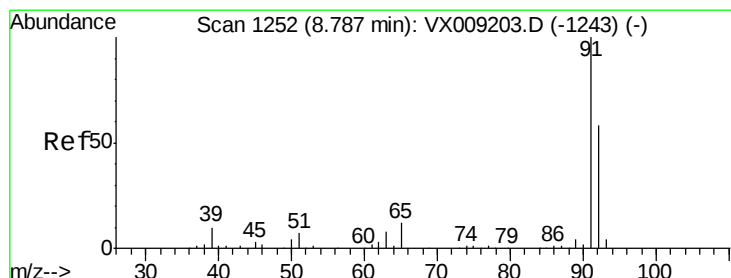
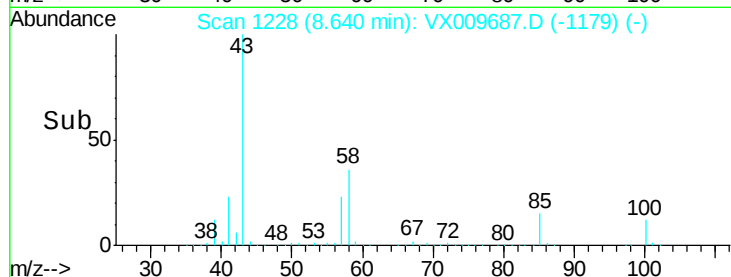
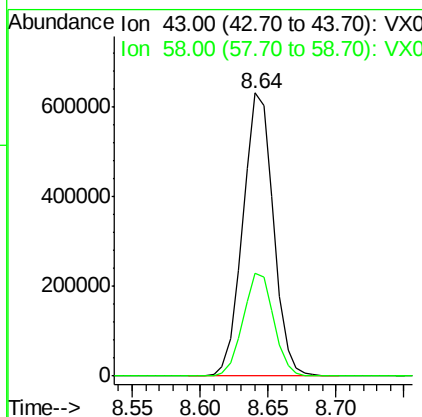
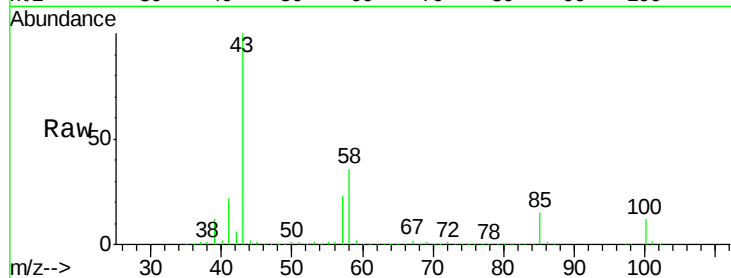
#51
4-Methyl-2-Pentanone
Concen: 314.911 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX009687.D
Acq: 18 May 2019 01:11

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion	43	58	Resp	Lower	Upper
43	100				
58	36.5		29.5	44.3	

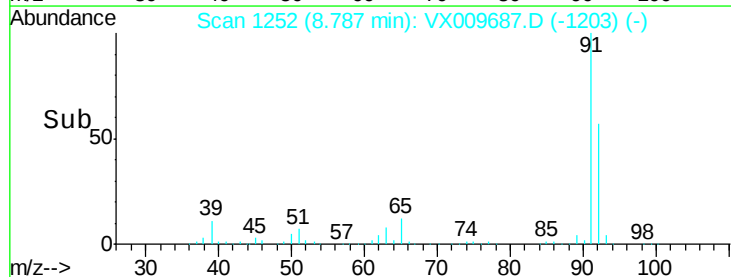
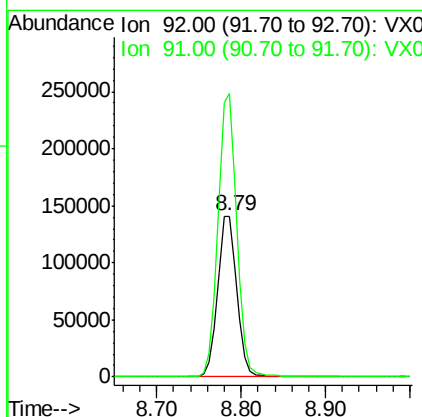
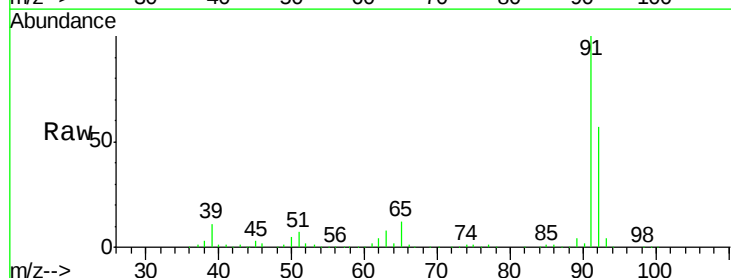
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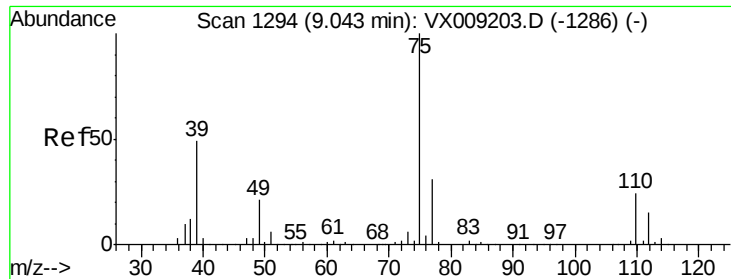
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#52
Toluene
Concen: 54.778 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX009687.D
Acq: 18 May 2019 01:11

Tgt Ion	92	91	Resp	Lower	Upper
92	100				
91	173.5		138.8	208.2	





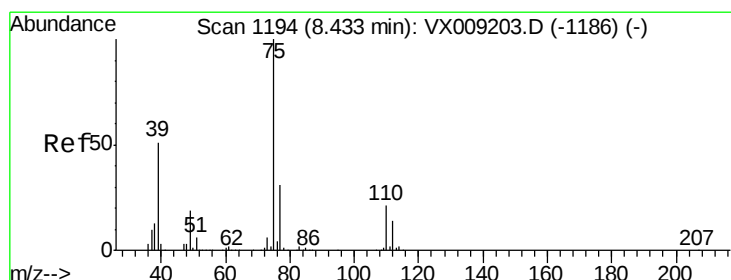
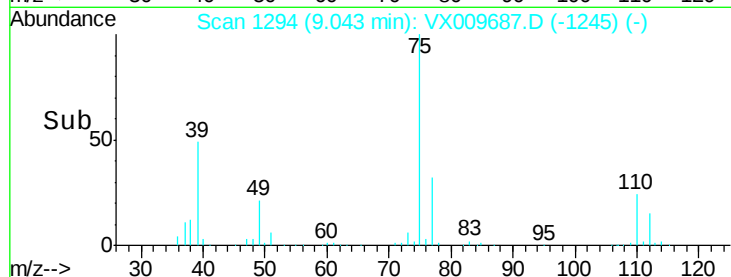
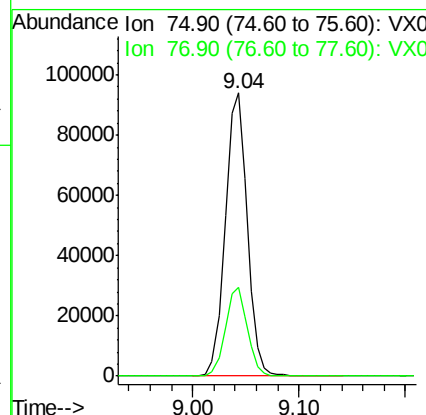
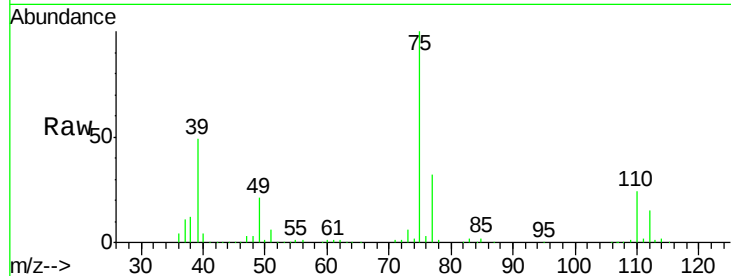
#53
t-1,3-Dichloropropene
Concen: 54.653 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX009687.D
Acq: 18 May 2019 01:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 135164
Ion Ratio Lower Upper
75 100
77 31.5 25.0 37.6

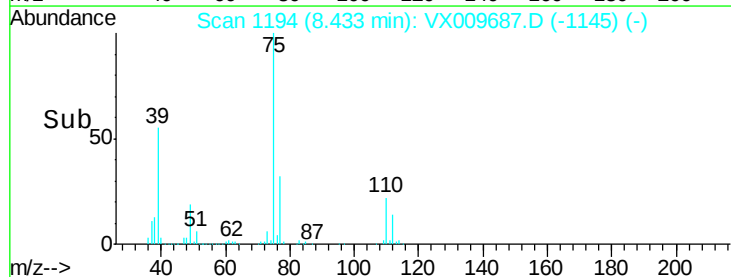
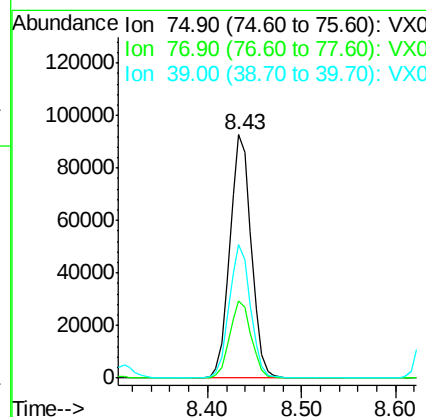
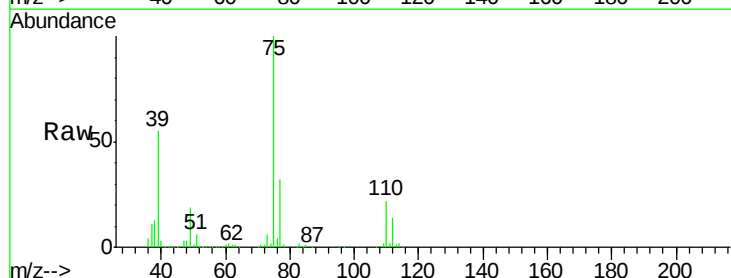
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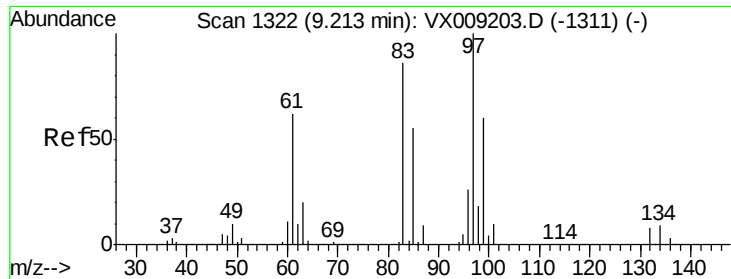
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 53.389 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX009687.D
Acq: 18 May 2019 01:11

Tgt Ion: 75 Resp: 146147
Ion Ratio Lower Upper
75 100
77 31.7 24.6 36.8
39 54.9 40.6 60.8





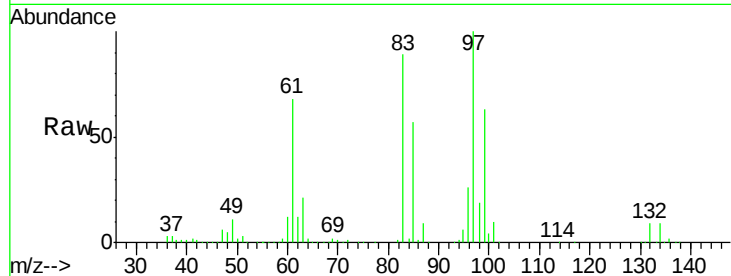
#55
 1,1,2-Trichloroethane
 Concen: 56.323 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX009687.D
 Acq: 18 May 2019 01:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

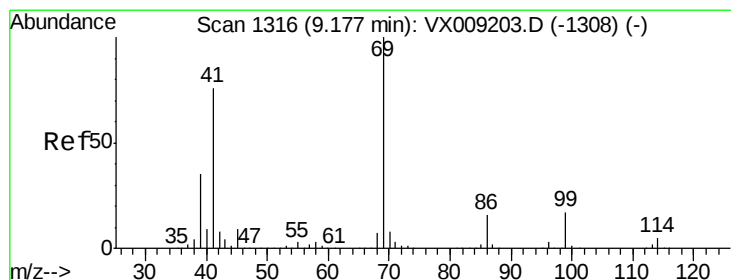
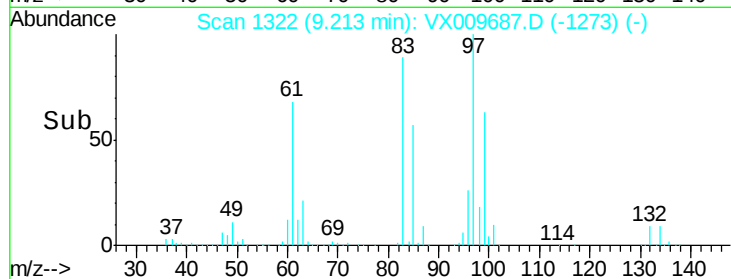
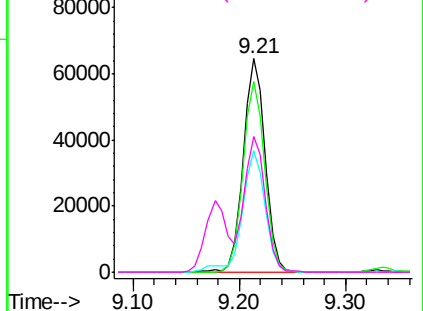
Tot Ion:	97	Resp:	93284
Ion	Ratio	Lower	Upper
97	100		
83	89.4	68.9	103.3
85	57.2	43.8	65.6
99	63.2	48.2	72.2

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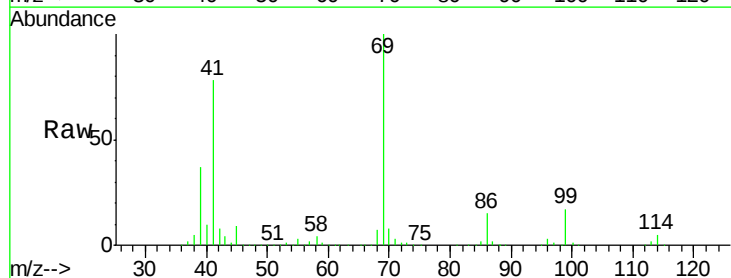


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

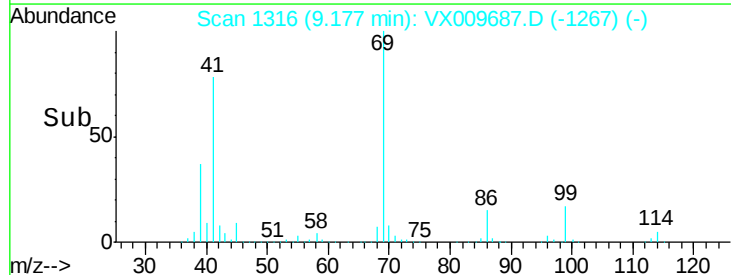
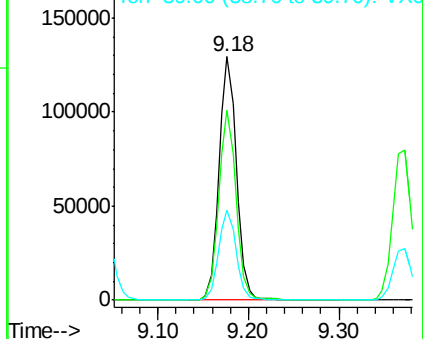


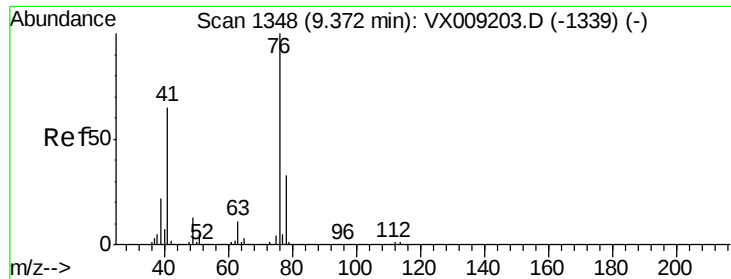
#56
 Ethyl methacrylate
 Concen: 59.188 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX009687.D
 Acq: 18 May 2019 01:11

Tgt Ion:	69	Resp:	174986
Ion	Ratio	Lower	Upper
69	100		
41	77.3	60.6	90.8
39	37.2	28.2	42.4



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 56.425 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX009687.D

Acq: 18 May 2019 01:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 164453

Ion Ratio Lower Upper

76 100

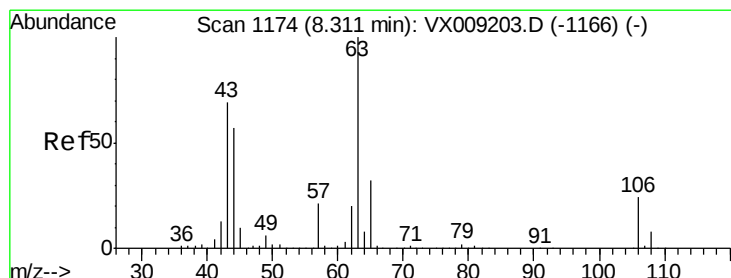
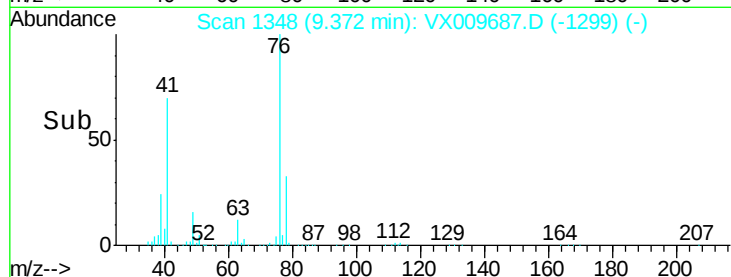
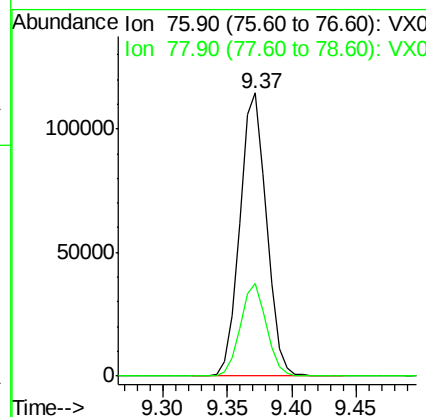
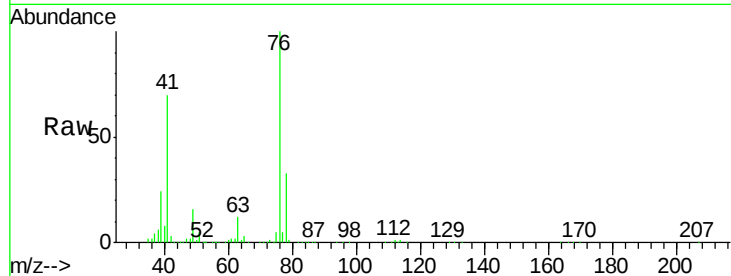
78 32.1 25.5 38.3

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#58

2-Chloroethyl Vinyl ether

Concen: 221.228 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX009687.D

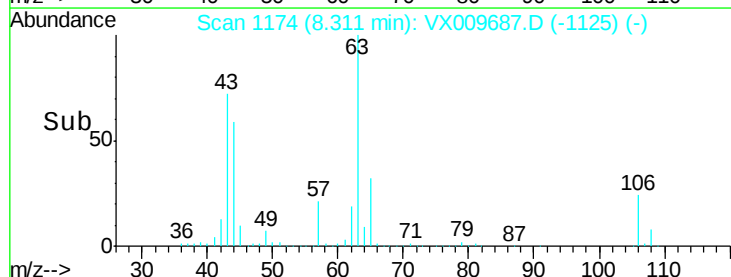
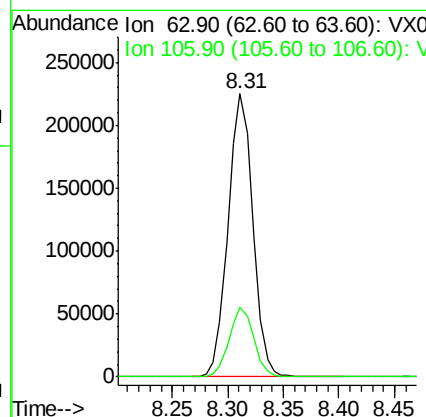
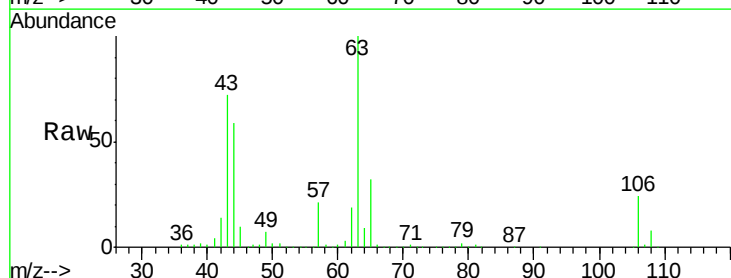
Acq: 18 May 2019 01:11

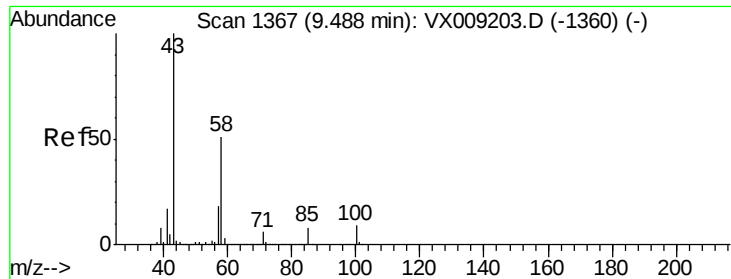
Tgt Ion: 63 Resp: 346972

Ion Ratio Lower Upper

63 100

106 24.3 19.7 29.5





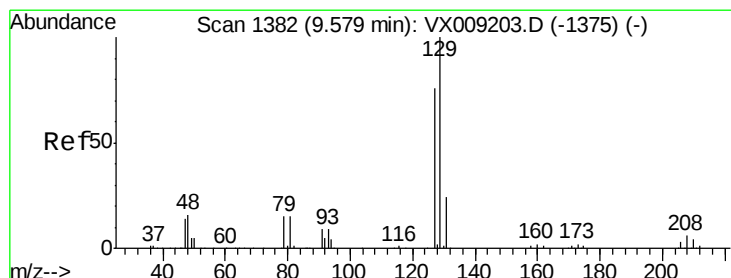
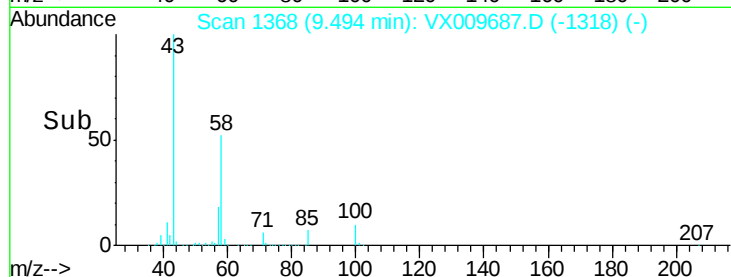
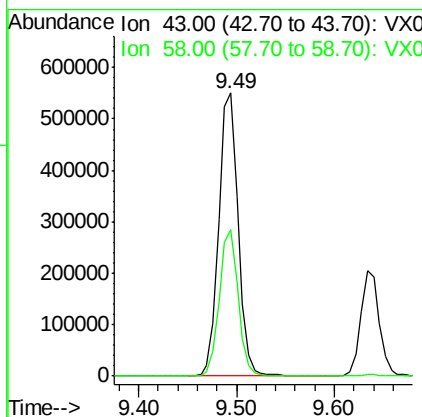
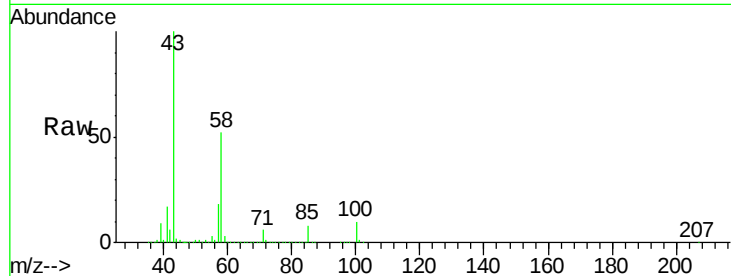
#59
2-Hexanone
Concen: 307.022 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.01 min
Lab File: VX009687.D
Acq: 18 May 2019 01:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 757987
Ion Ratio Lower Upper
43 100
58 50.5 25.9 77.7

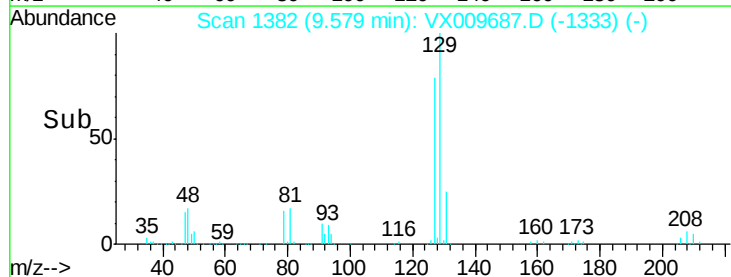
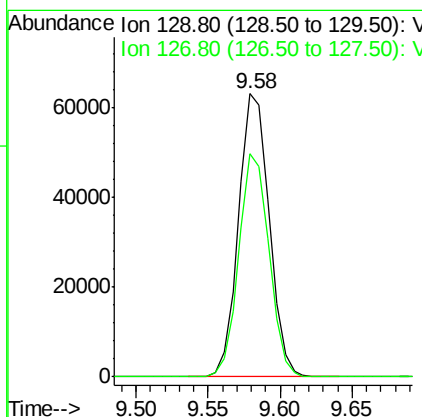
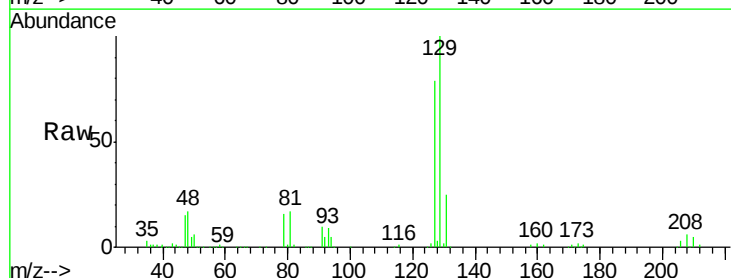
Manual Integrations
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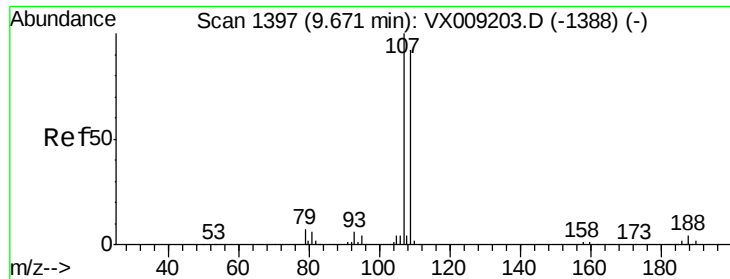
MMDadoda
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#60
Dibromochloromethane
Concen: 57.728 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX009687.D
Acq: 18 May 2019 01:11

Tgt Ion: 129 Resp: 93381
Ion Ratio Lower Upper
129 100
127 77.7 38.4 115.1





#61

1,2-Dibromoethane

Concen: 56.392 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX009687.D

Acq: 18 May 2019 01:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 94279

Ion Ratio Lower Upper

107 100

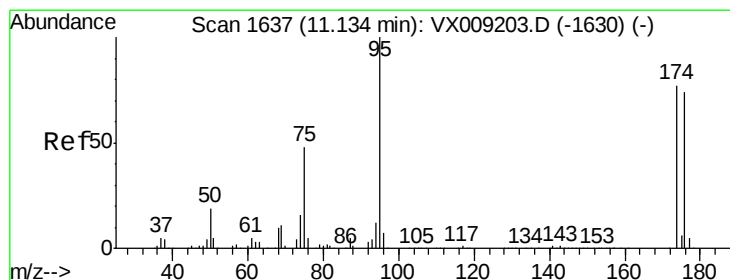
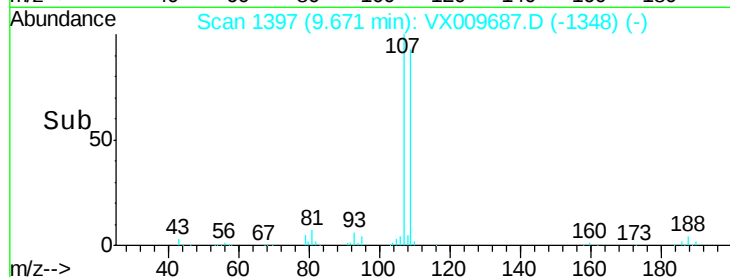
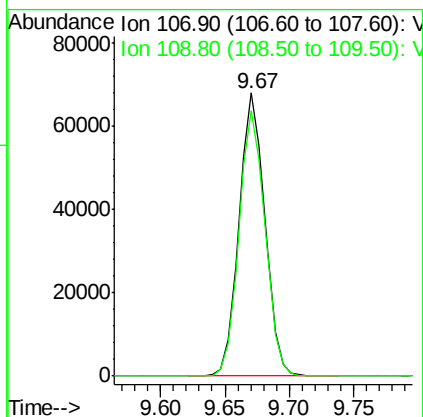
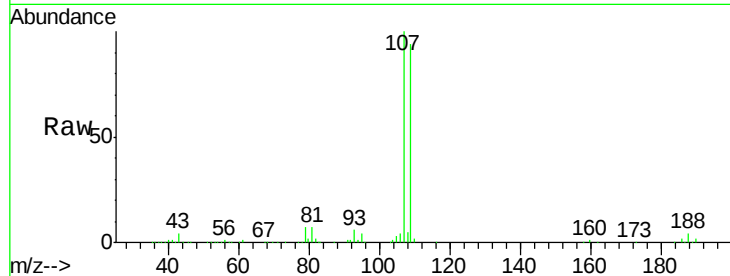
109 94.7 75.2 112.8

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 45.263 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009687.D

Acq: 18 May 2019 01:11

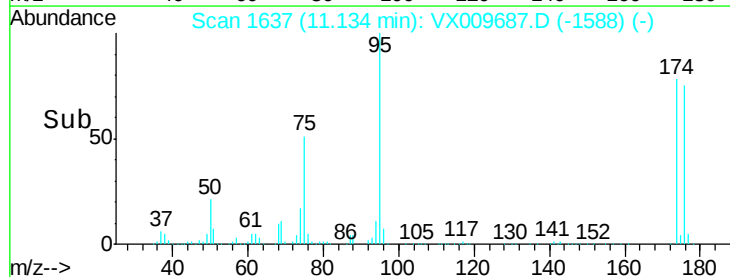
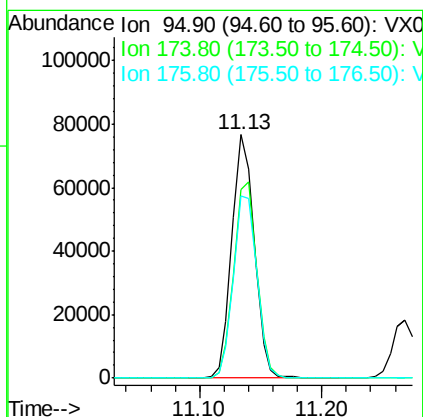
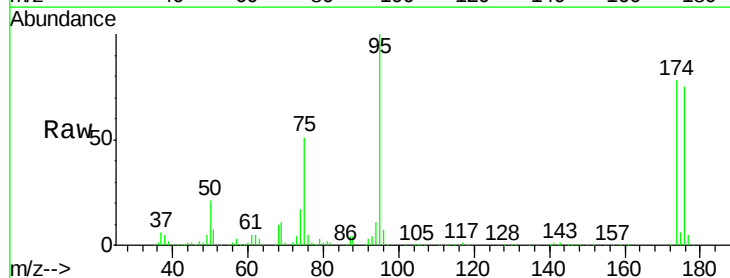
Tgt Ion: 95 Resp: 96927

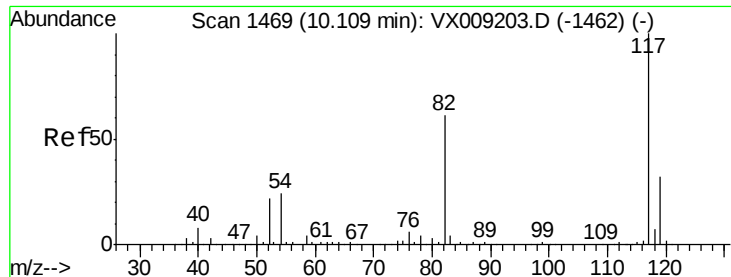
Ion Ratio Lower Upper

95 100

174 82.9 0.0 161.6

176 78.7 0.0 159.2





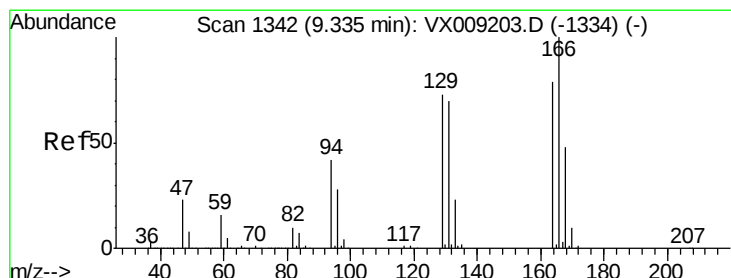
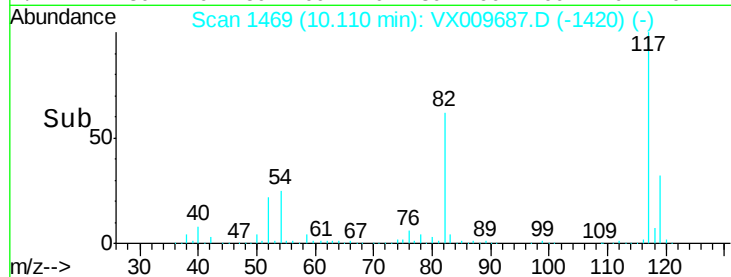
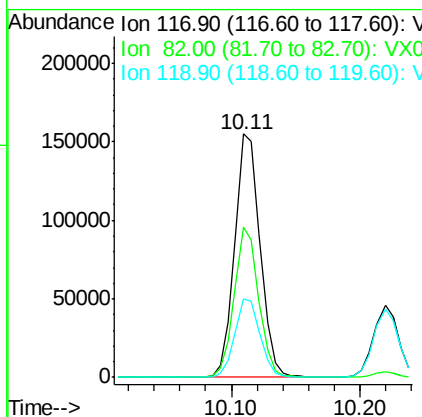
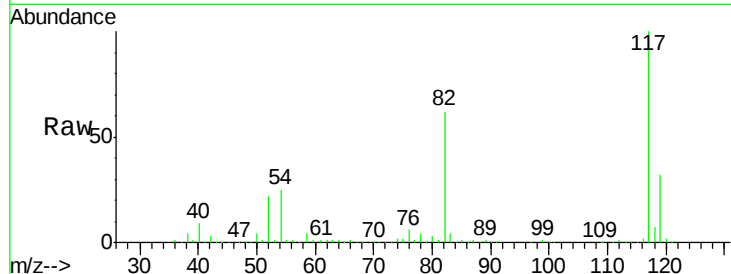
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009687.D
Acq: 18 May 2019 01:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.6	48.8	73.2
119	32.1	25.8	38.6

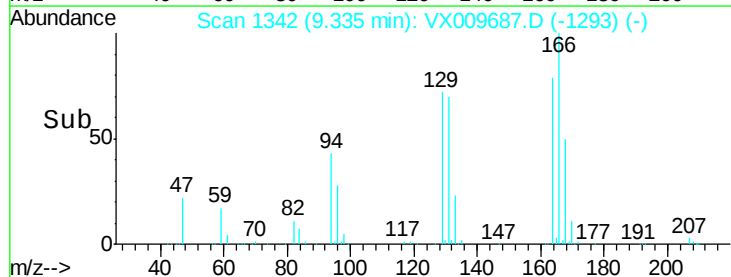
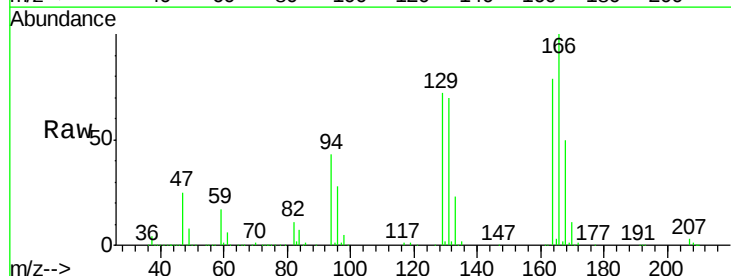
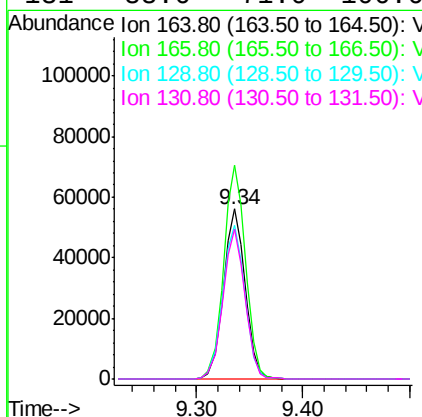
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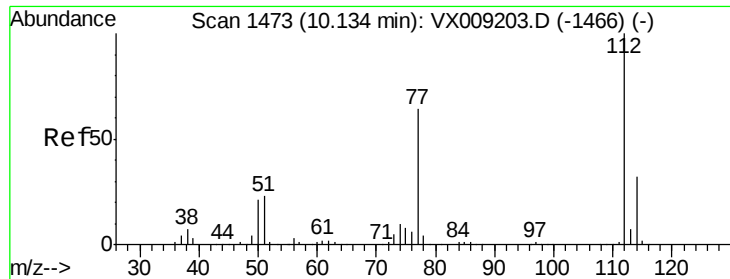
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#64
Tetrachloroethene
Concen: 54.442 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009687.D
Acq: 18 May 2019 01:11

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.9	101.2	151.8
129	90.2	74.3	111.5
131	88.6	71.0	106.6





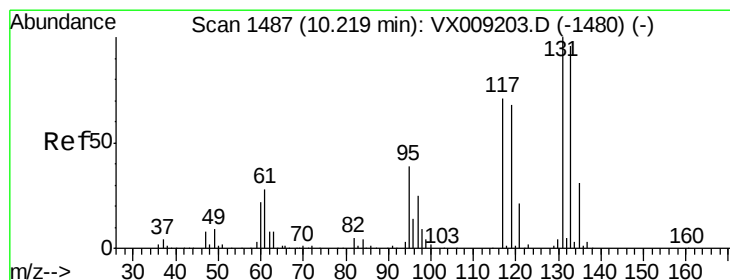
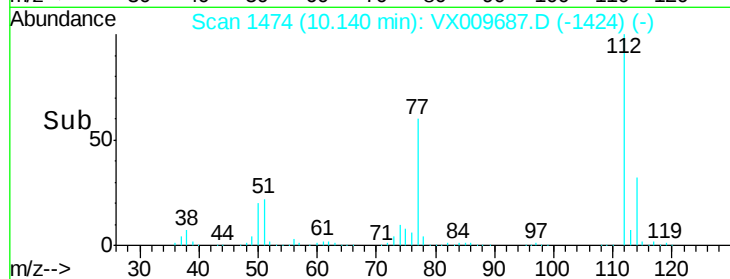
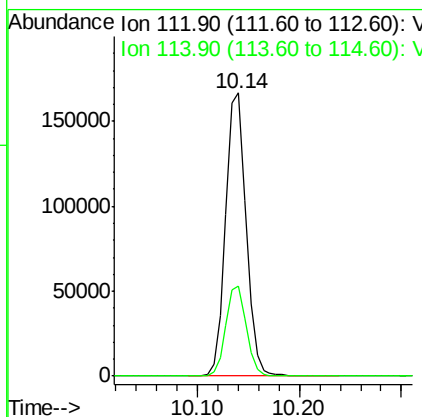
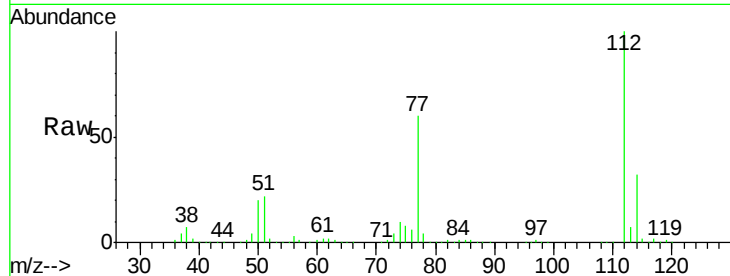
#65
Chlorobenzene
Concen: 54.245 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX009687.D
Acq: 18 May 2019 01:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 231901
Ion Ratio Lower Upper
112 100
114 31.9 25.5 38.3

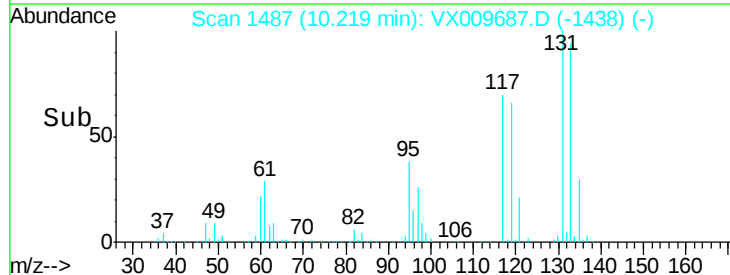
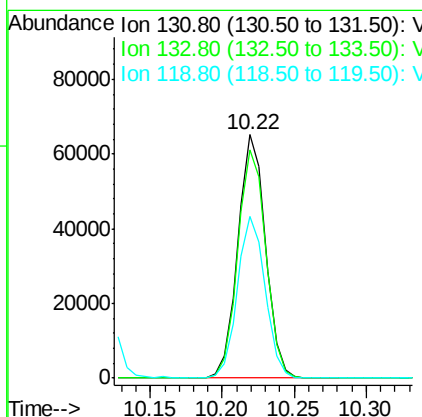
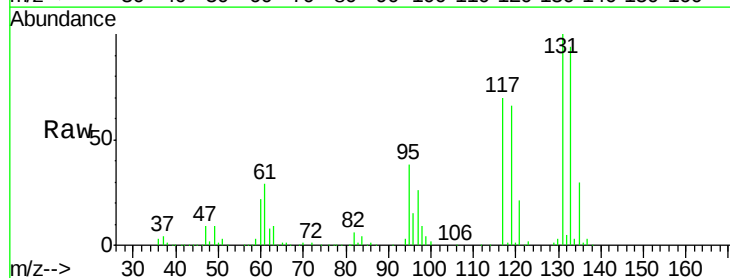
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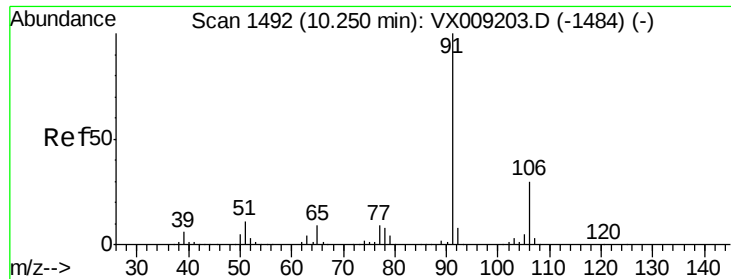
MMDadoda
5/20/2019 11:11:31 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 55.957 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX009687.D
Acq: 18 May 2019 01:11

Tgt Ion:131 Resp: 86726
Ion Ratio Lower Upper
131 100
133 95.4 47.7 143.1
119 66.9 33.5 100.4





#67

Ethyl Benzene

Concen: 54.373 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX009687.D

Acq: 18 May 2019 01:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 427788

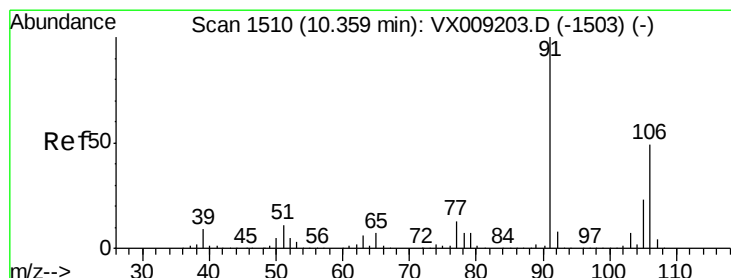
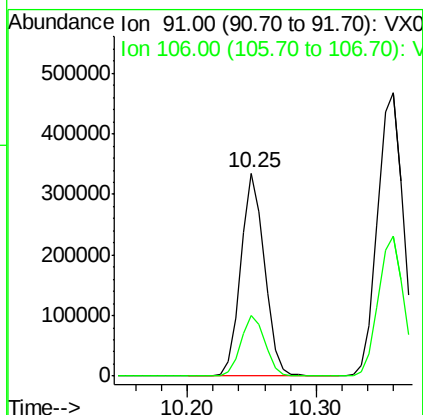
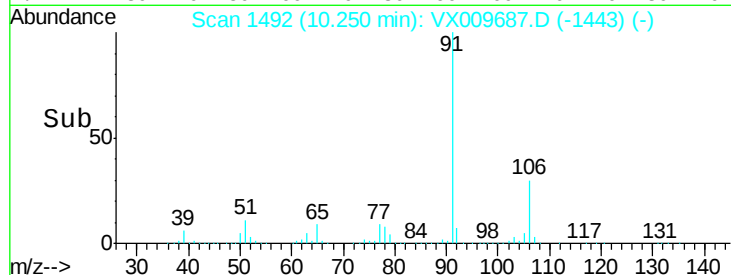
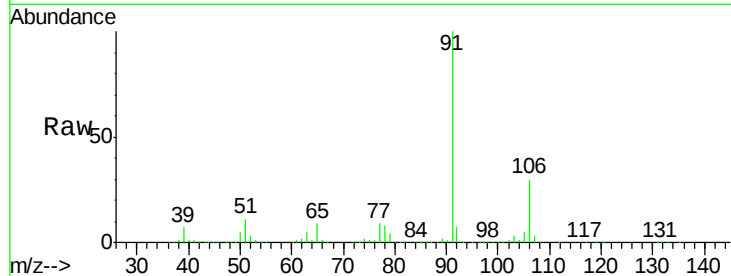
Ion Ratio Lower Upper

91 100

106 29.8 24.0 36.0

Manual Integrations
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#68

m/p-Xylenes

Concen: 109.223 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX009687.D

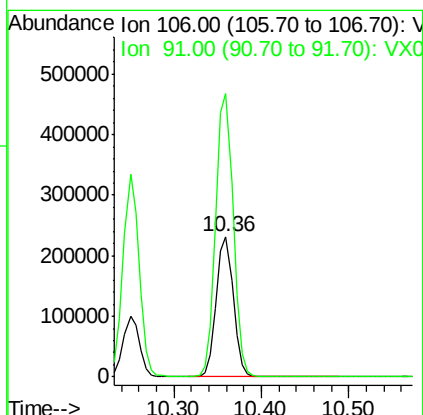
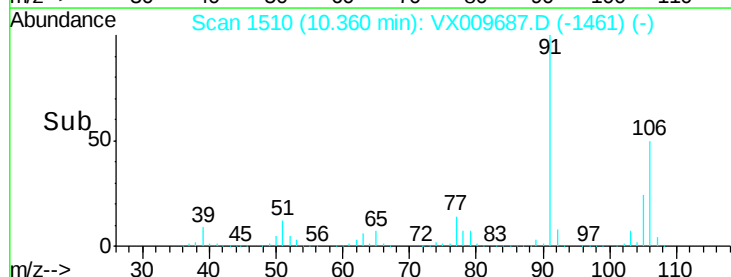
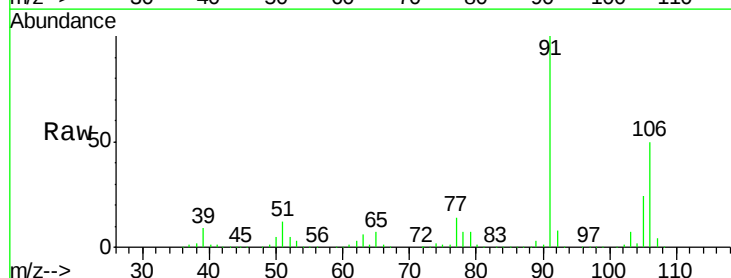
Acq: 18 May 2019 01:11

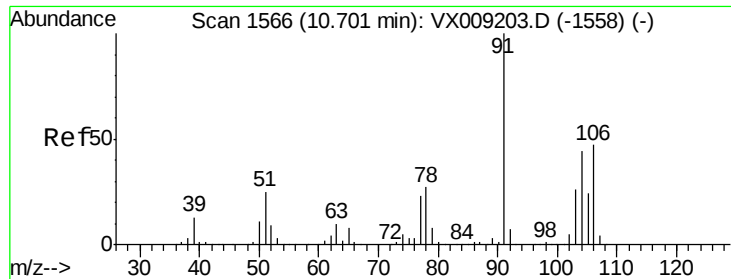
Tgt Ion: 106 Resp: 314027

Ion Ratio Lower Upper

106 100

91 206.2 164.0 246.0





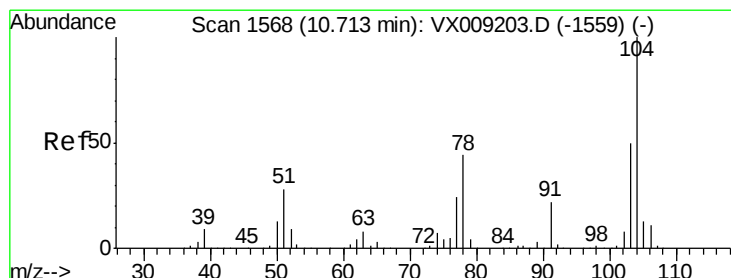
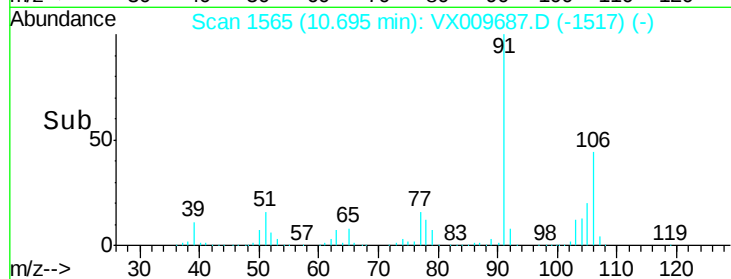
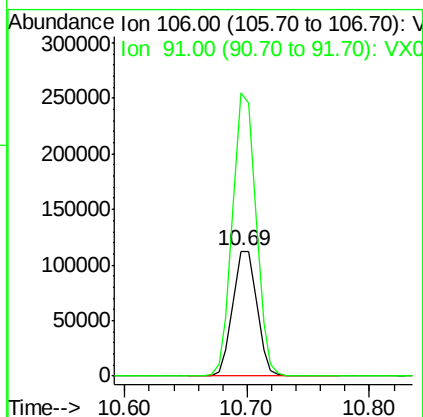
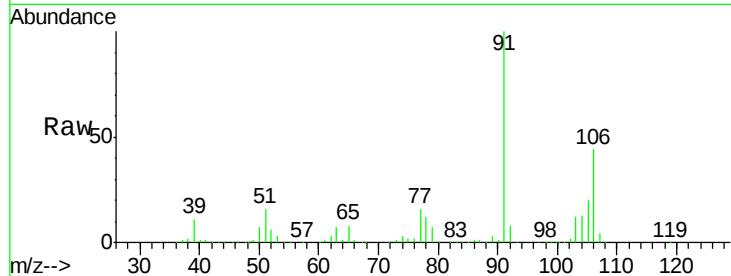
#69
o-Xylene
Concen: 54.193 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009687.D
Acq: 18 May 2019 01:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 153731
Ion Ratio Lower Upper
106 100
91 220.7 109.5 328.4

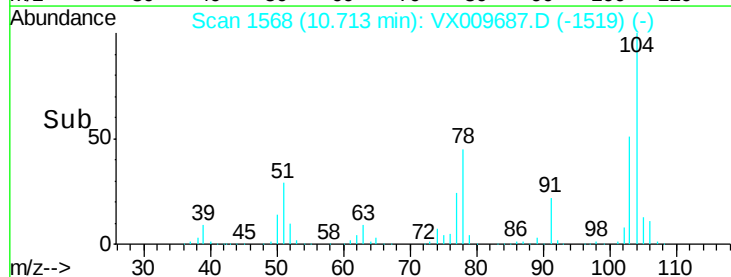
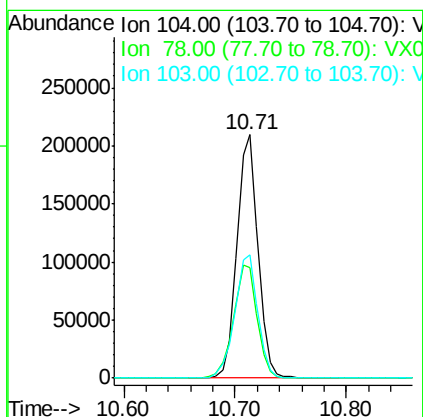
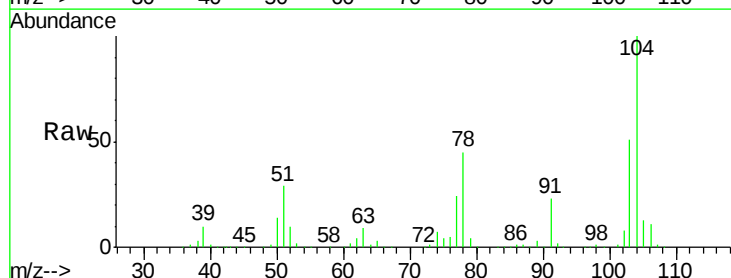
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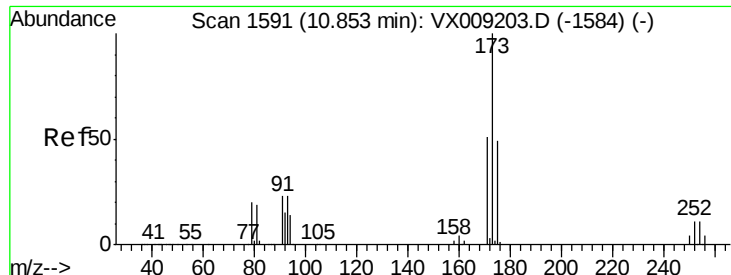
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#70
Styrene
Concen: 55.479 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX009687.D
Acq: 18 May 2019 01:11

Tgt Ion:104 Resp: 273534
Ion Ratio Lower Upper
104 100
78 52.0 41.0 61.4
103 55.4 43.8 65.6





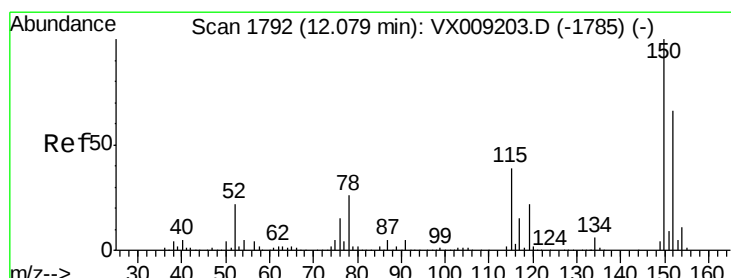
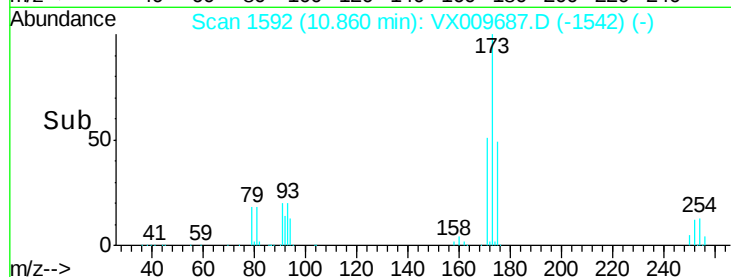
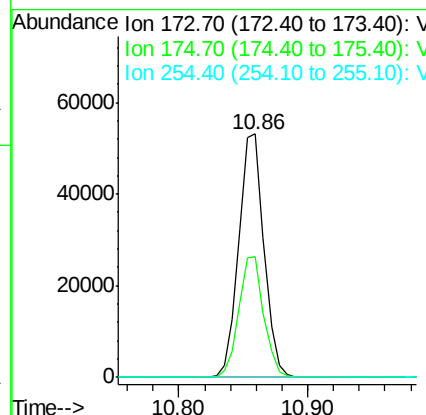
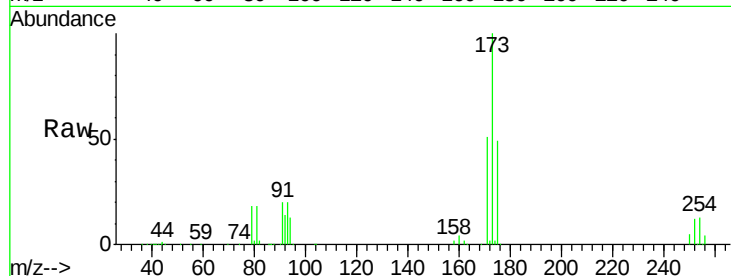
#71
Bromoform
Concen: 57.683 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.01 min
Lab File: VX009687.D
Acq: 18 May 2019 01:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.5	73.5
254	0.2	0.1	0.1#

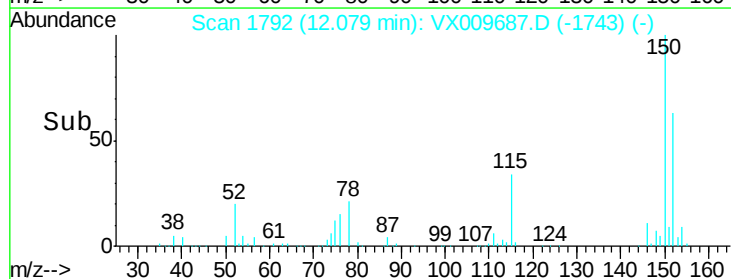
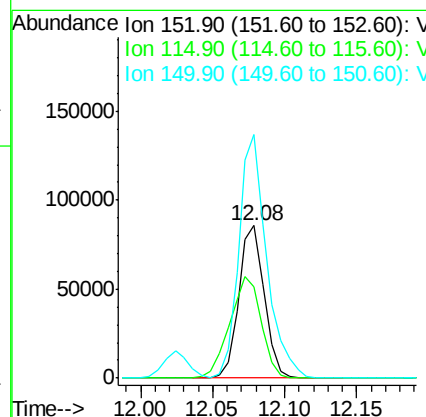
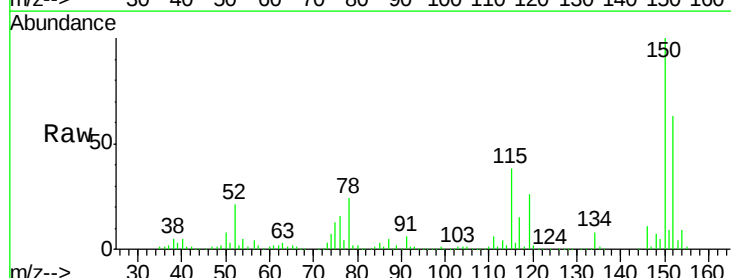
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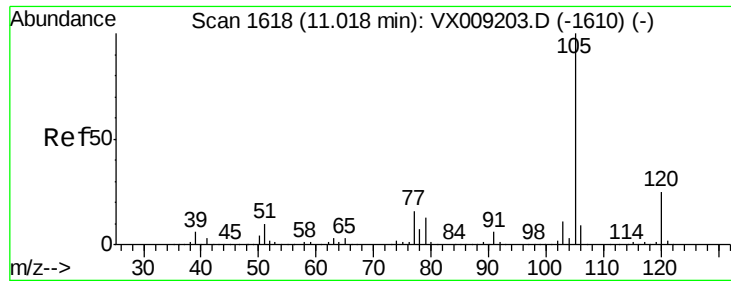
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009687.D
Acq: 18 May 2019 01:11

Tgt Ion	Ratio	Lower	Upper
152	100		
115	83.2	41.2	123.6
150	174.6	0.0	346.4





#73

Isopropylbenzene

Concen: 53.605 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX009687.D

Acq: 18 May 2019 01:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 411407

Ion Ratio Lower Upper

105 100

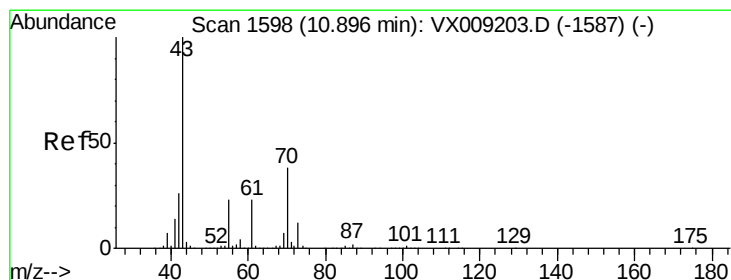
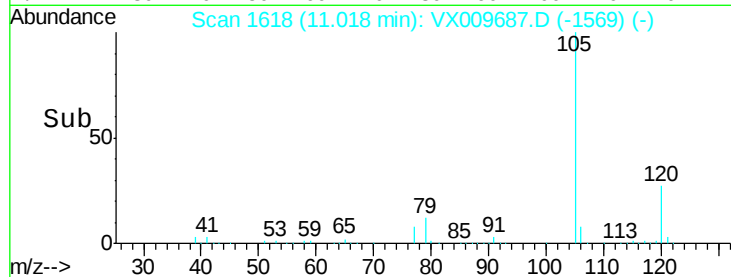
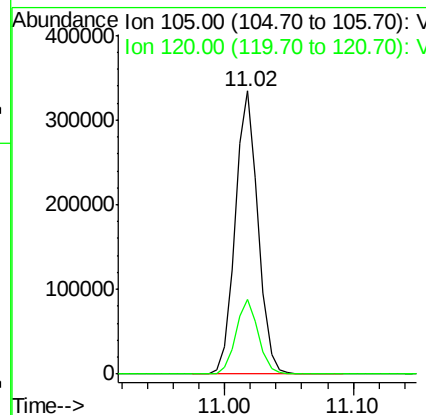
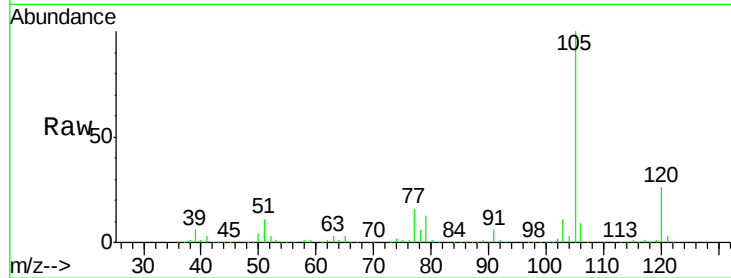
120 25.9 12.8 38.3

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#74

N-ethyl acetate

Concen: 57.792 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX009687.D

Acq: 18 May 2019 01:11

Tgt Ion: 43 Resp: 258590

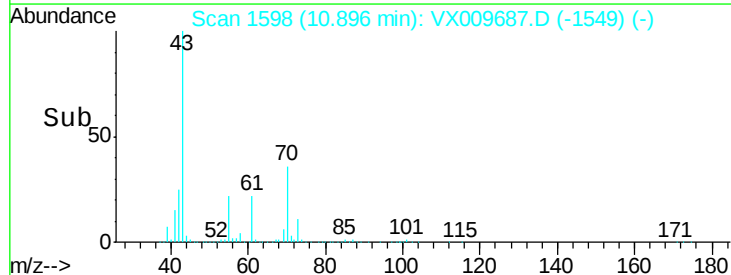
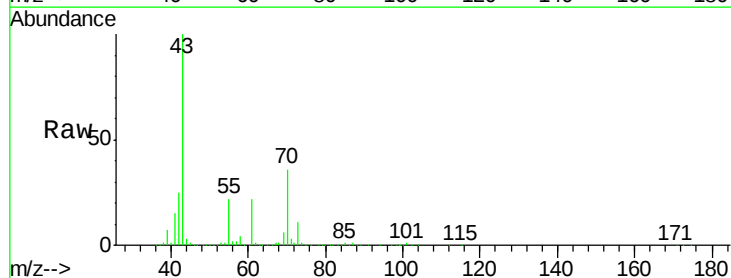
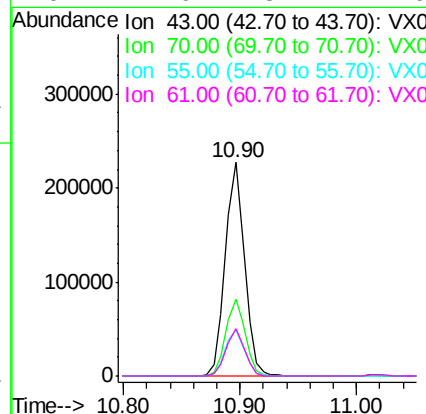
Ion Ratio Lower Upper

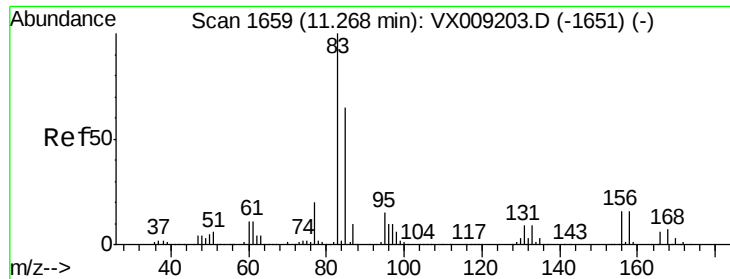
43 100

70 36.4 30.0 45.0

55 22.1 17.9 26.9

61 21.9 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 55.605 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX009687.D

Acq: 18 May 2019 01:11

Instrument :

MSVOA_X

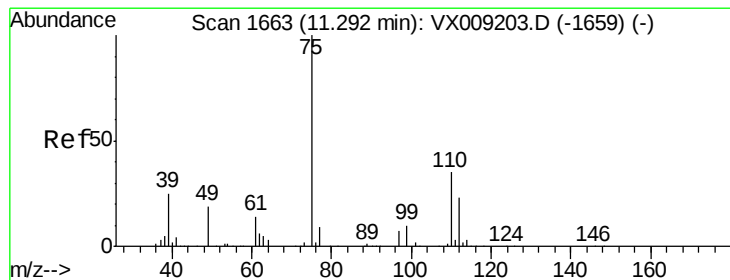
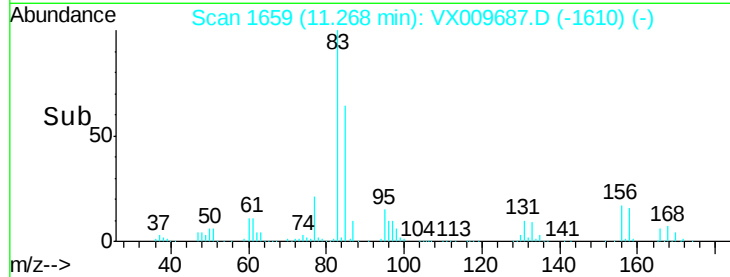
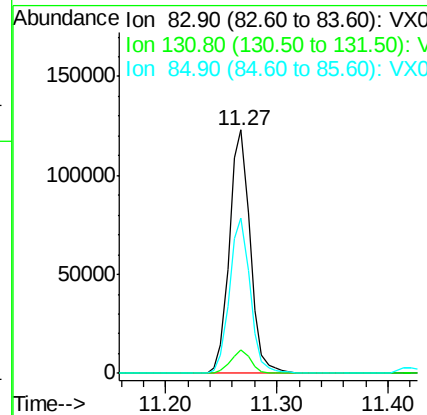
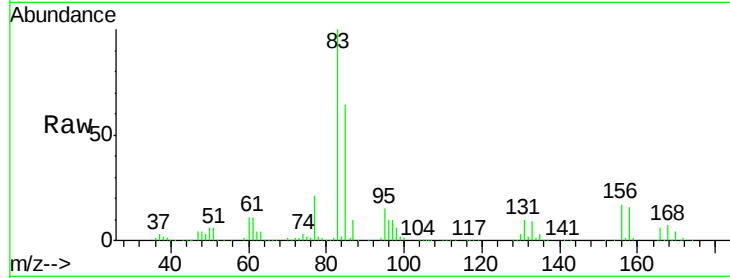
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	159089
Ion Ratio	Lower	Upper	
83	100		
131	9.5	4.6	13.8
85	63.5	32.0	96.2

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#76

1,2,3-Trichloropropane

Concen: 55.196 ug/l m

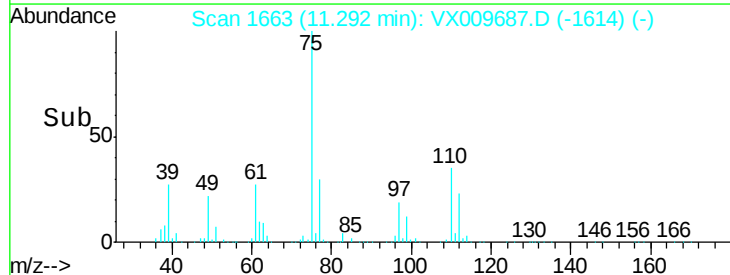
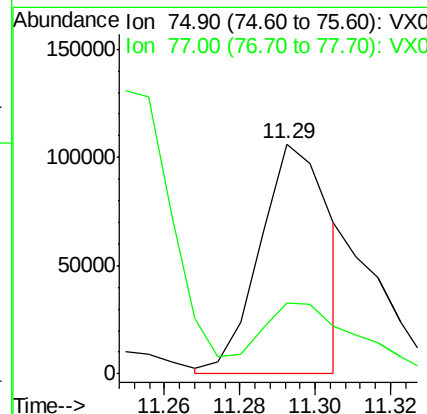
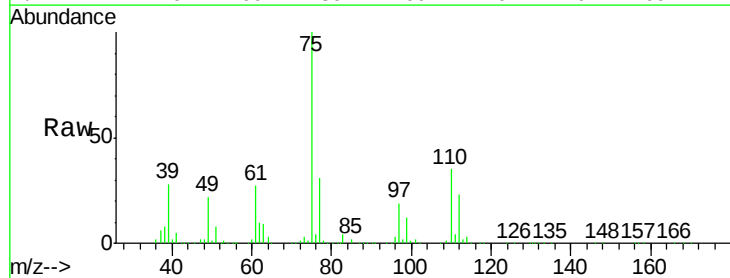
RT: 11.29 min Scan# 1663

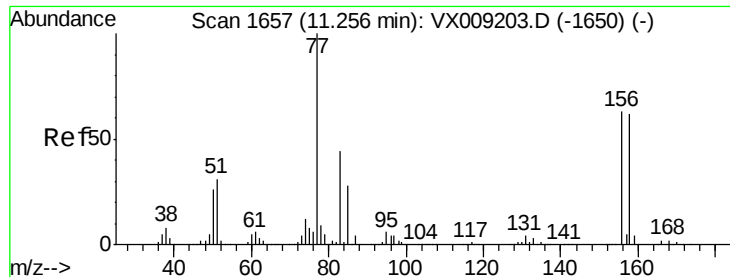
Delta R.T. 0.00 min

Lab File: VX009687.D

Acq: 18 May 2019 01:11

Tgt Ion:	75	Resp:	135129
Ion Ratio	Lower	Upper	
75	100		
77	43.5	22.1	66.1





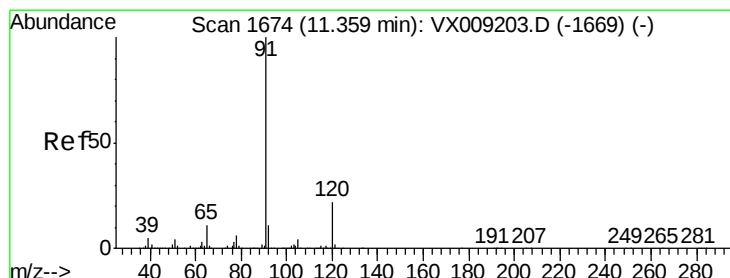
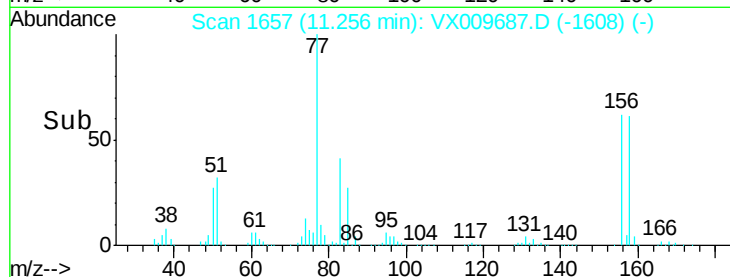
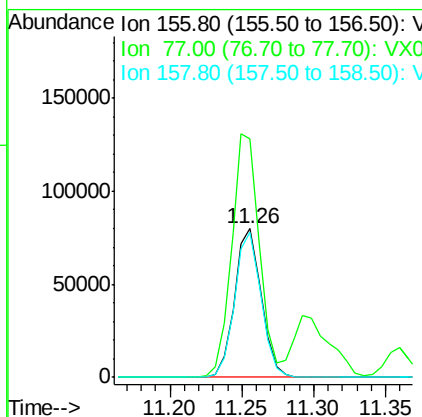
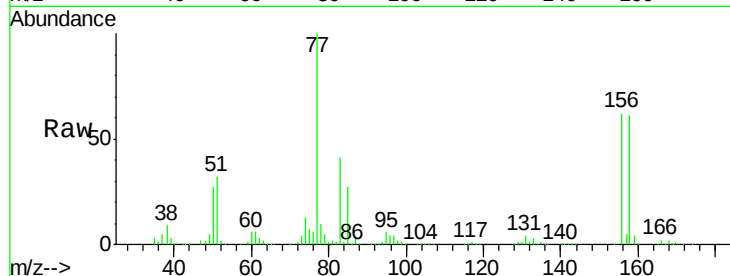
#77
Bromobenzene
Concen: 54.372 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VX009687.D
Acq: 18 May 2019 01:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	169.5	84.8	254.3
158	96.7	49.1	147.3

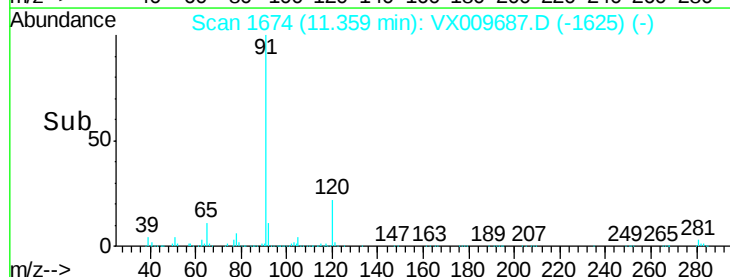
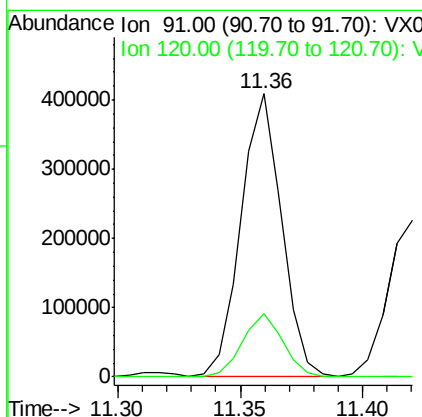
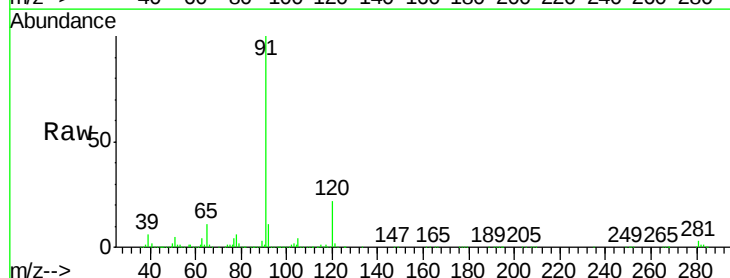
Manual Integrations
APPROVED

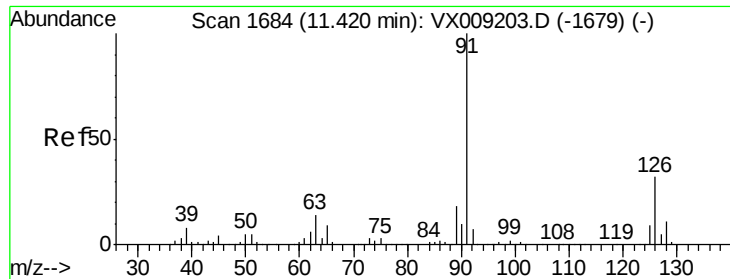
MMDadoda
5/20/2019 11:11:31 AM



#78
n-propylbenzene
Concen: 53.562 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VX009687.D
Acq: 18 May 2019 01:11

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.0	33.0





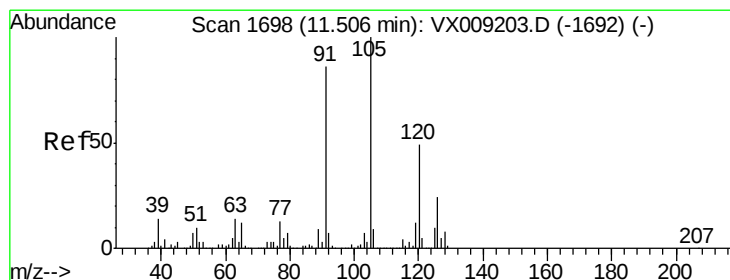
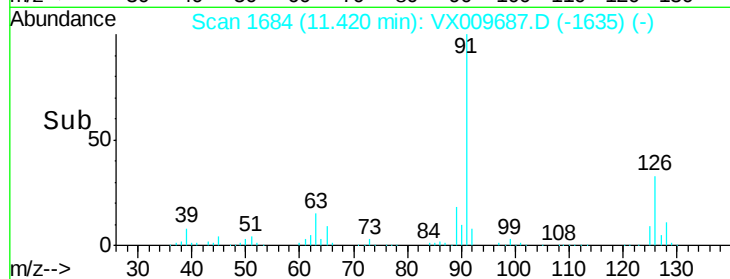
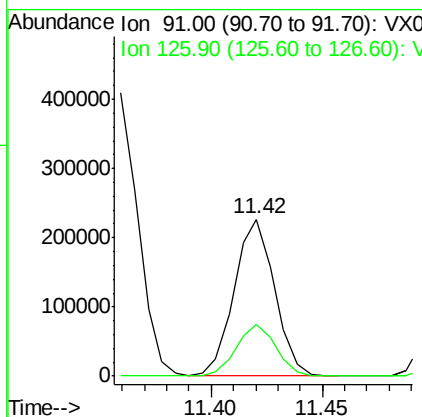
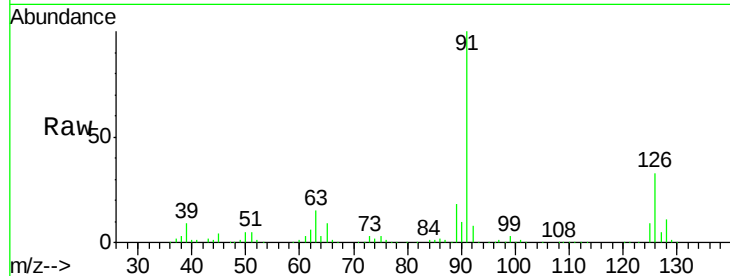
#79
2-Chlorotoluene
Concen: 52.609 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VX009687.D
Acq: 18 May 2019 01:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 284483
Ion Ratio Lower Upper
91 100
126 32.9 16.3 48.9

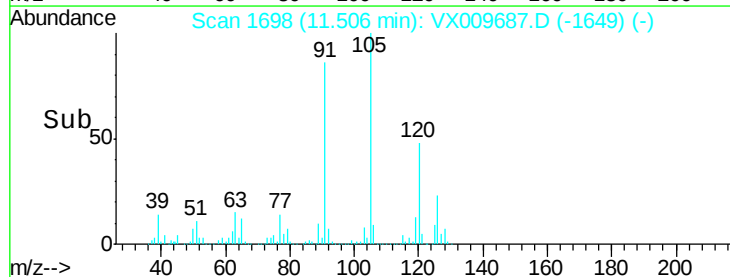
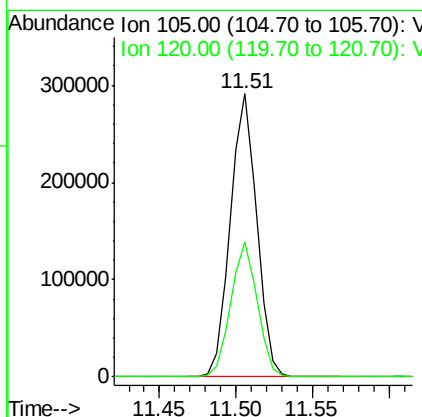
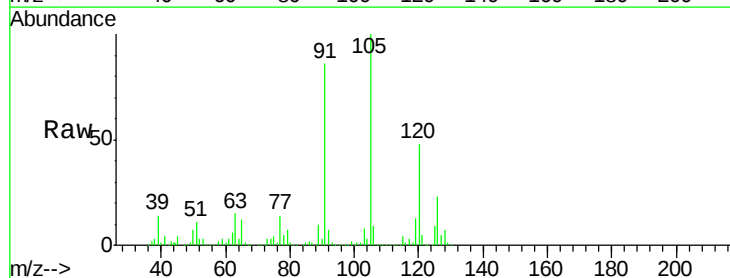
Manual Integrations
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#80
1,3,5-Trimethylbenzene
Concen: 53.887 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX009687.D
Acq: 18 May 2019 01:11

Tgt Ion: 105 Resp: 348226
Ion Ratio Lower Upper
105 100
120 47.8 24.3 72.9





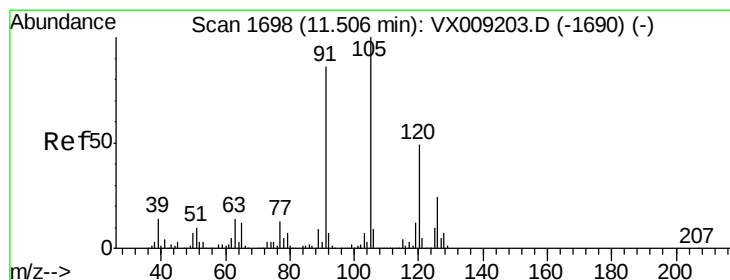
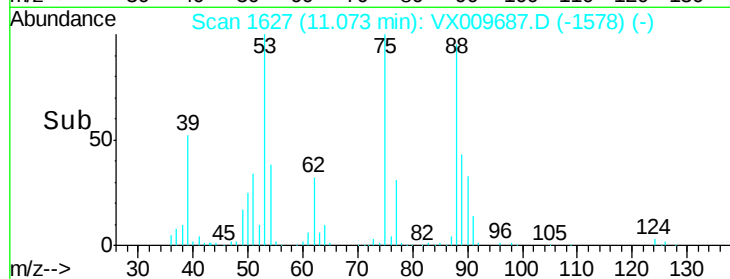
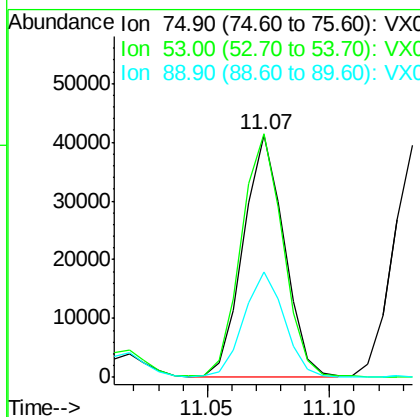
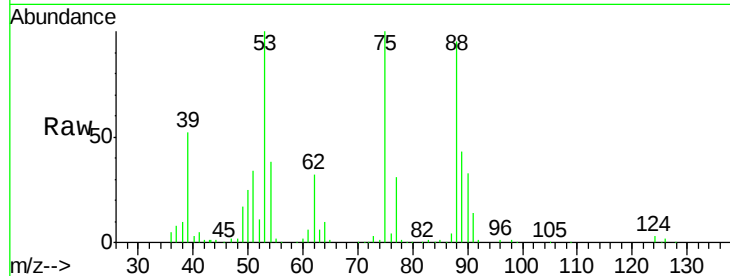
#81
trans-1,4-Dichloro-2-butene
Concen: 49.963 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX009687.D
Acq: 18 May 2019 01:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	103.3	79.0	118.6
89	43.7	34.7	52.1

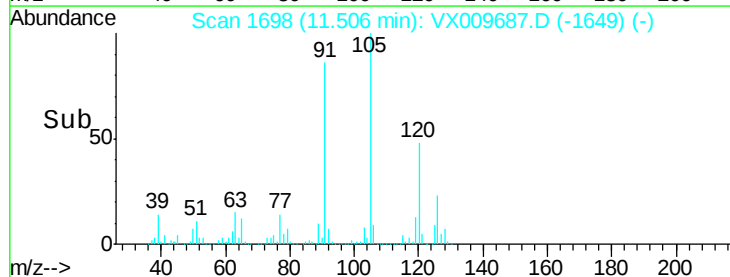
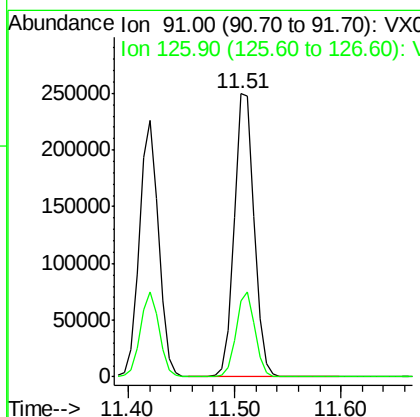
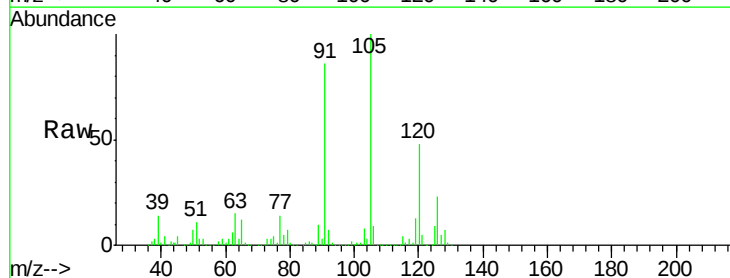
Manual Integrations
APPROVED

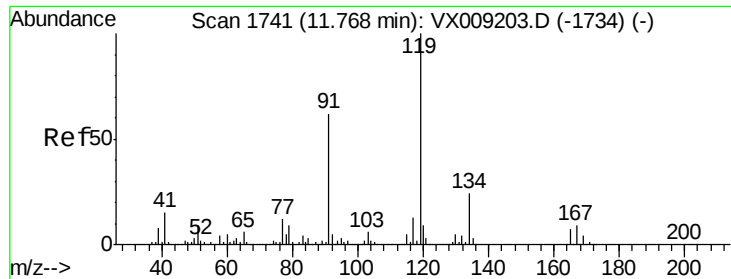
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#82
4-Chlorotoluene
Concen: 53.769 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX009687.D
Acq: 18 May 2019 01:11

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.4	14.5	43.6





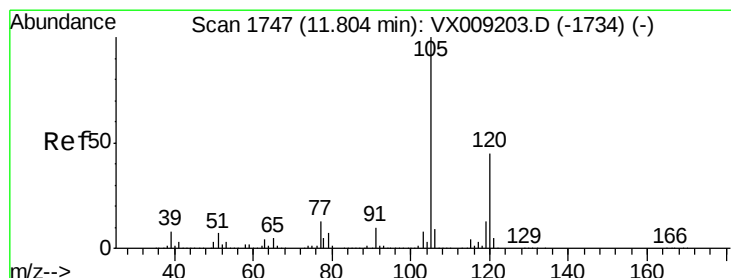
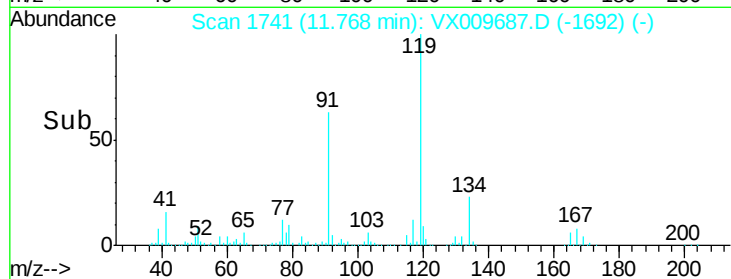
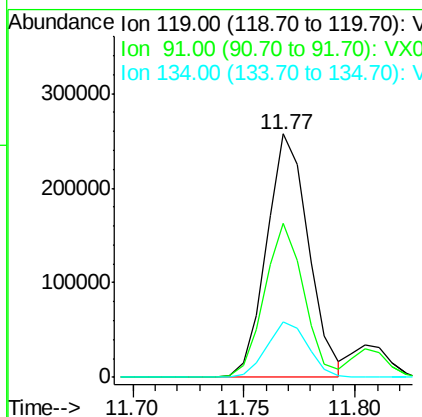
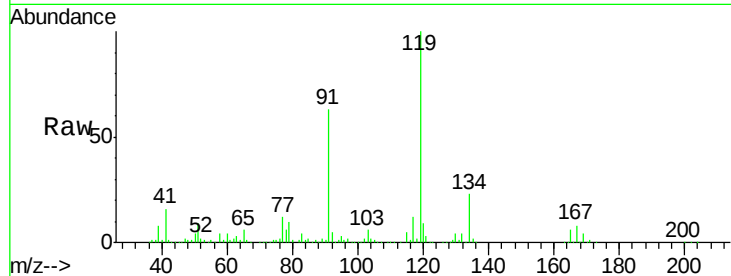
#83
tert-Butylbenzene
Concen: 53.363 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX009687.D
Acq: 18 May 2019 01:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	335460		
91	59.8	29.5	88.5	
134	22.4	11.4	34.1	

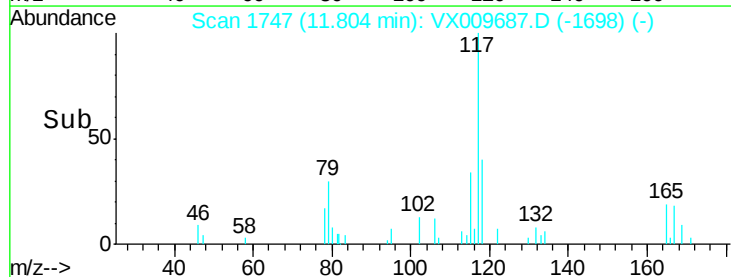
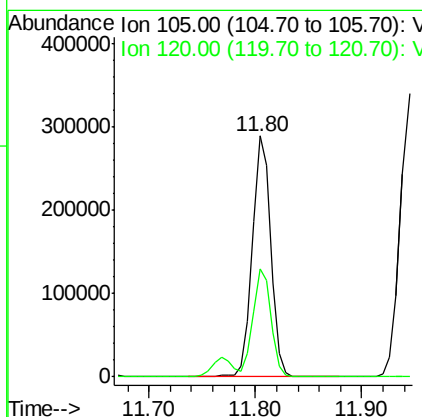
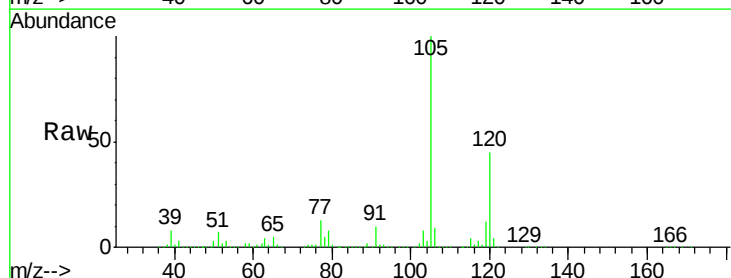
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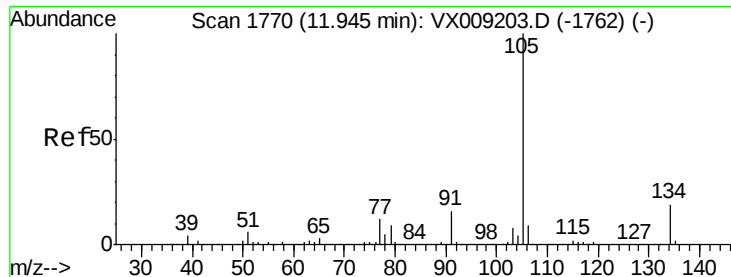
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#84
1,2,4-Trimethylbenzene
Concen: 54.459 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX009687.D
Acq: 18 May 2019 01:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	353241		
120	43.7	22.0	66.0	





#85

sec-Butylbenzene

Concen: 53.173 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX009687.D

Acq: 18 May 2019 01:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 396295

Ion Ratio Lower Upper

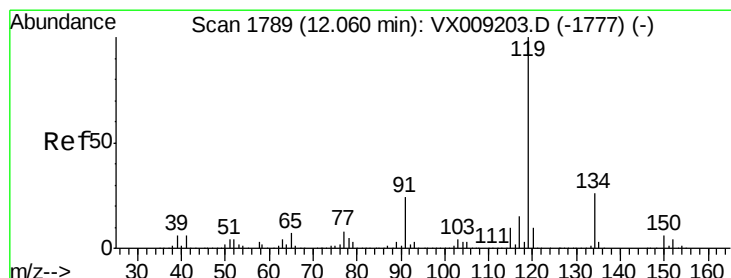
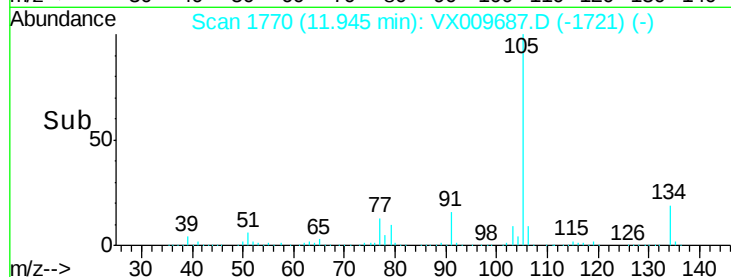
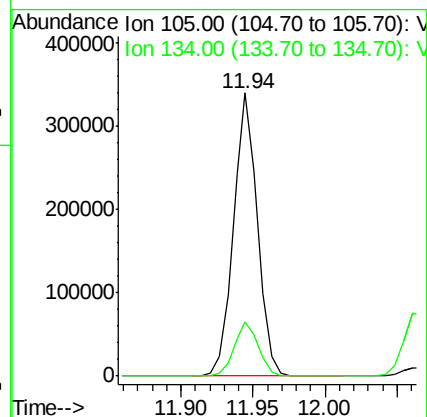
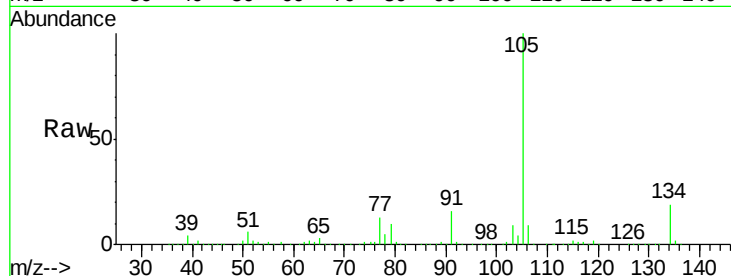
105 100

134 19.3 9.7 28.9

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#86

p-Isopropyltoluene

Concen: 54.171 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX009687.D

Acq: 18 May 2019 01:11

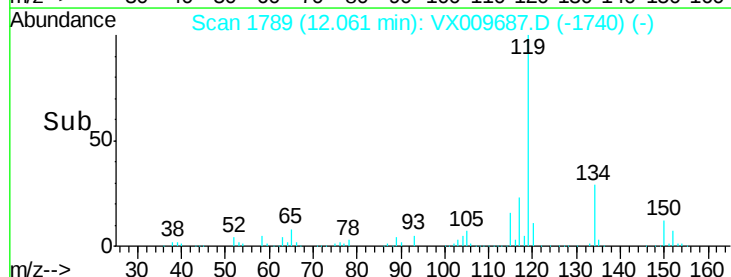
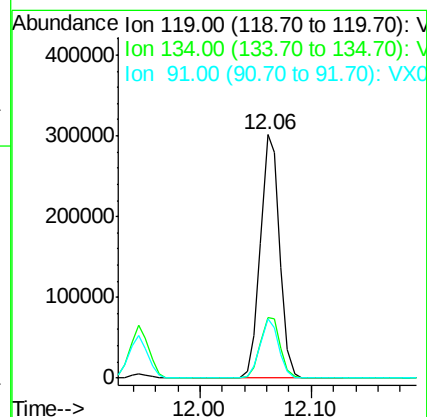
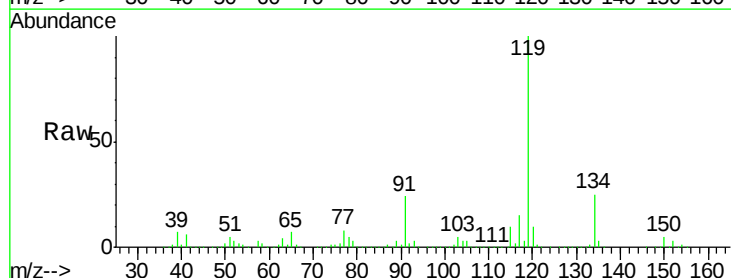
Tgt Ion:119 Resp: 362951

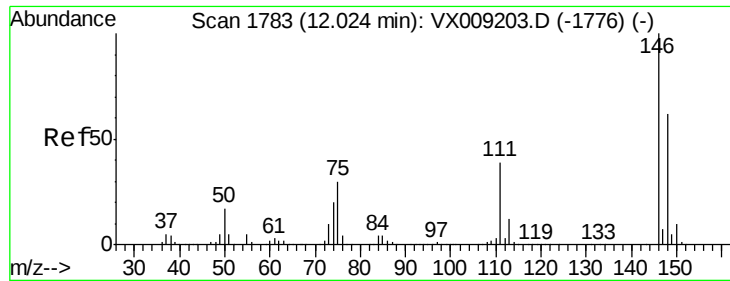
Ion Ratio Lower Upper

119 100

134 25.8 12.9 38.7

91 23.7 11.8 35.4





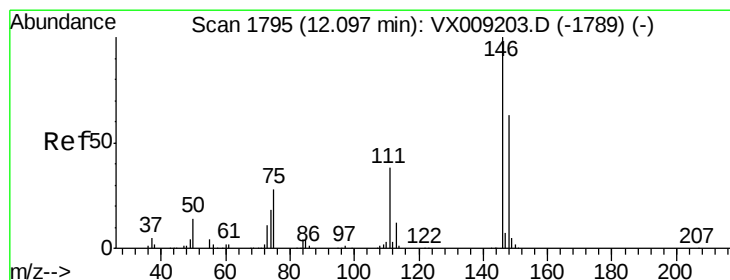
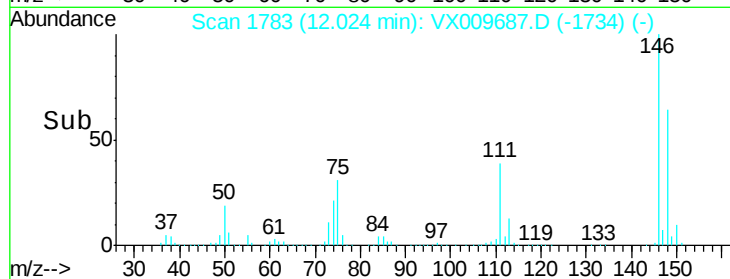
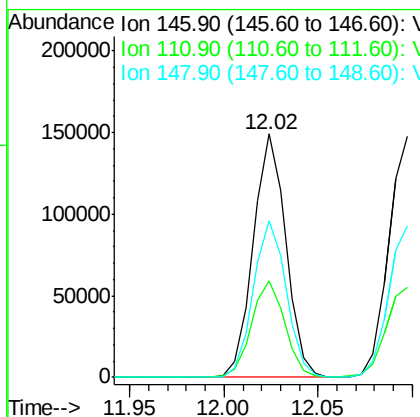
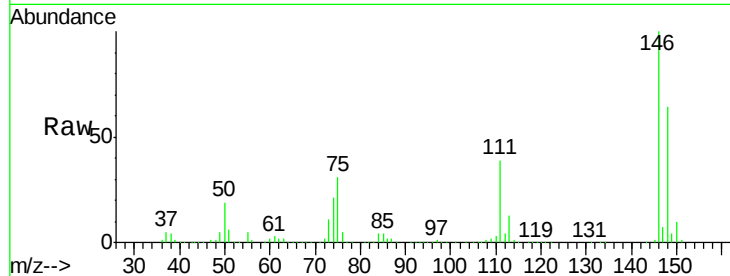
#87
 1,3-Dichlorobenzene
 Concen: 52.799 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX009687.D
 Acq: 18 May 2019 01:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.0	59.9
148	64.8	31.8	95.3

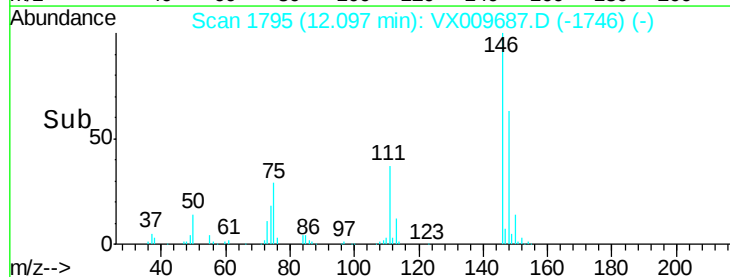
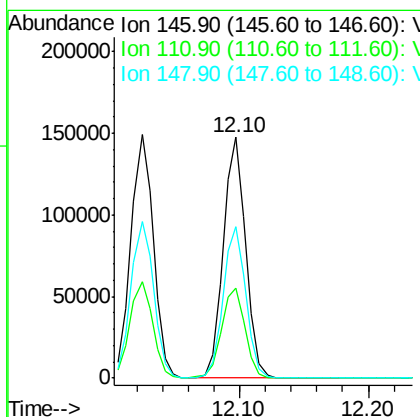
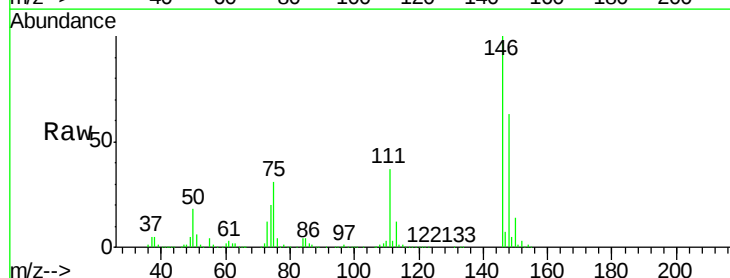
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#88
 1,4-Dichlorobenzene
 Concen: 52.831 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX009687.D
 Acq: 18 May 2019 01:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.6	58.8
148	63.8	31.8	95.3





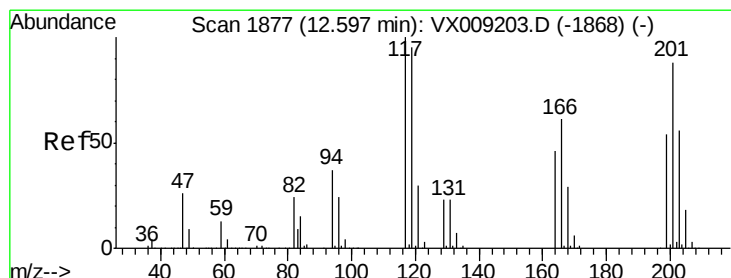
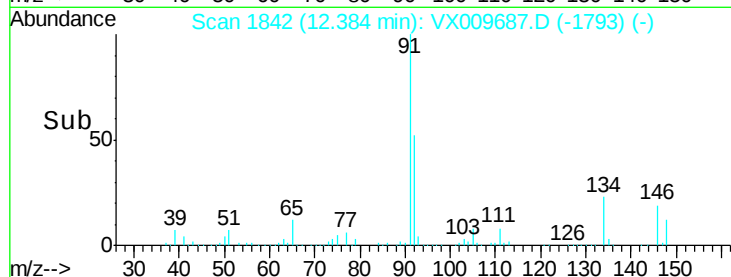
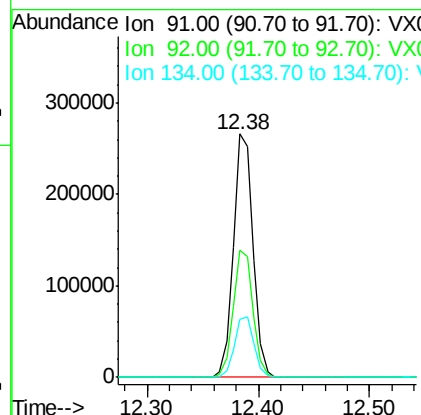
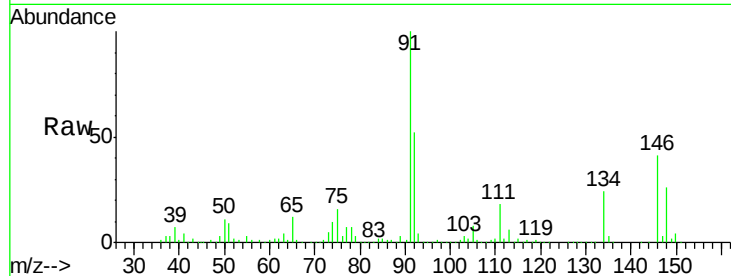
#89
n-Butylbenzene
Concen: 53.110 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX009687.D
Acq: 18 May 2019 01:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.5	79.5
134	24.9	12.4	37.2

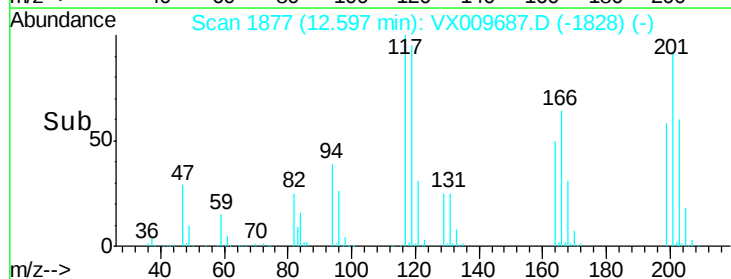
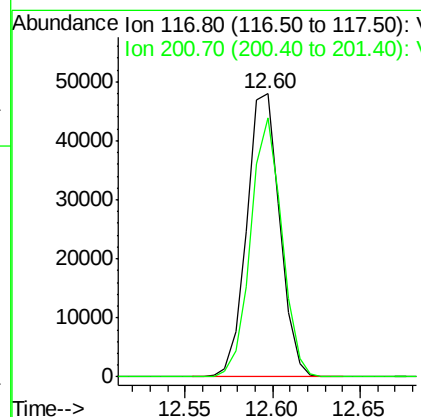
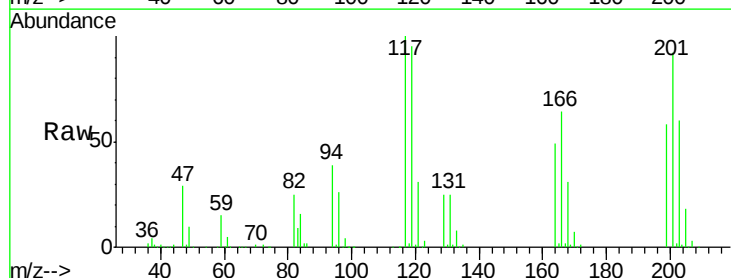
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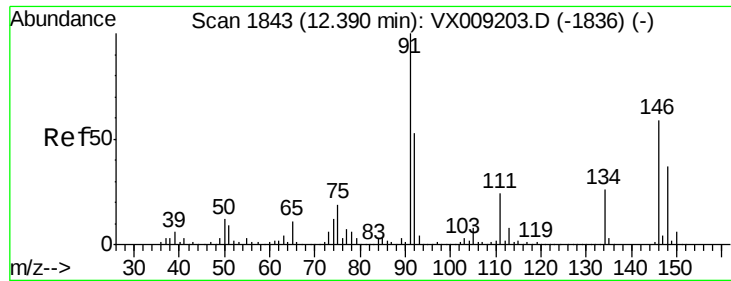
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#90
Hexachloroethane
Concen: 55.026 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX009687.D
Acq: 18 May 2019 01:11

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.4	42.3	126.9





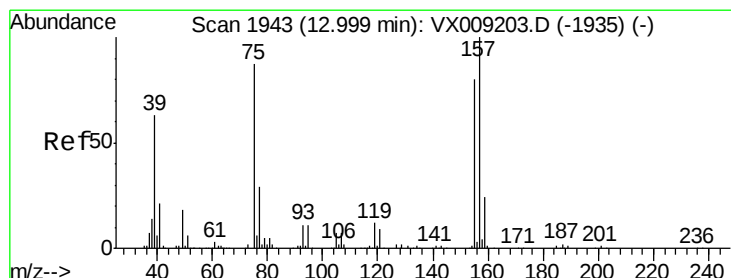
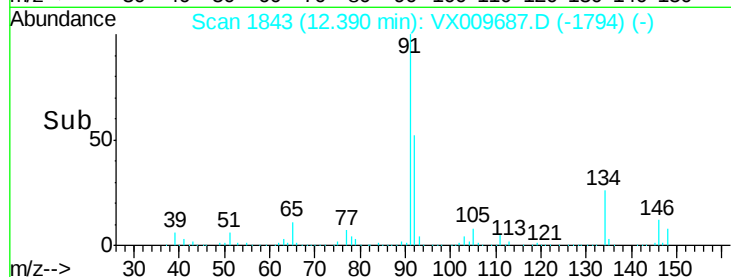
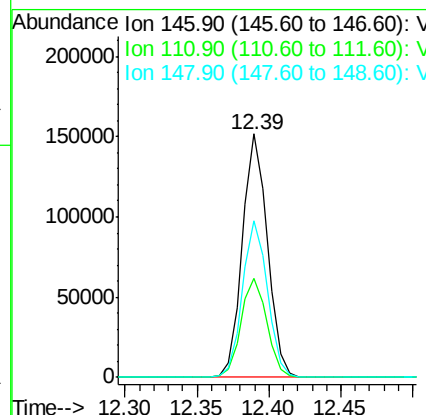
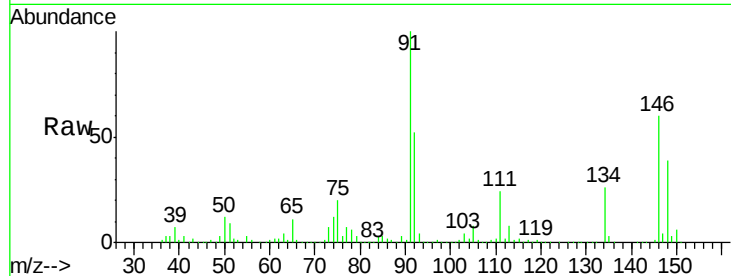
#91
 1,2-Dichlorobenzene
 Concen: 53.176 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX009687.D
 Acq: 18 May 2019 01:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	20.8	62.4
148	64.1	31.9	95.9

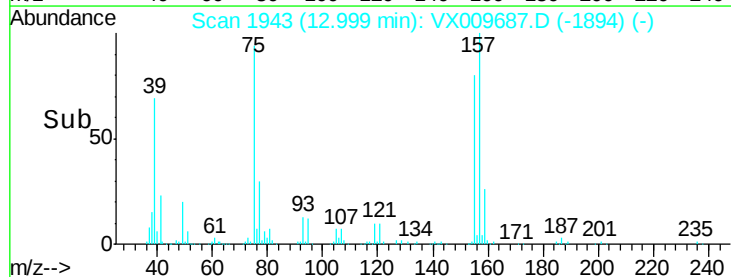
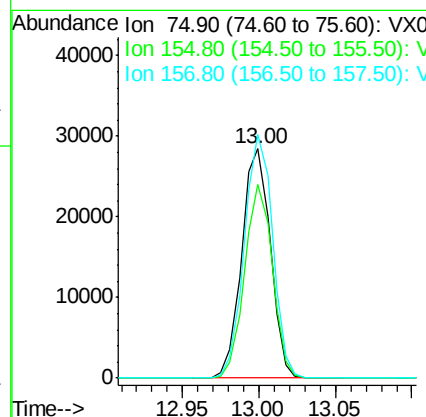
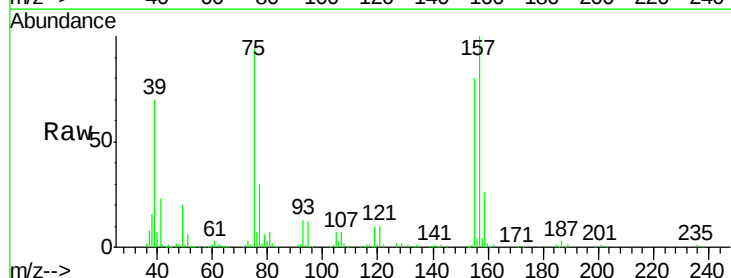
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 57.518 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX009687.D
 Acq: 18 May 2019 01:11

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.8	42.0	126.0
157	105.1	53.2	159.6





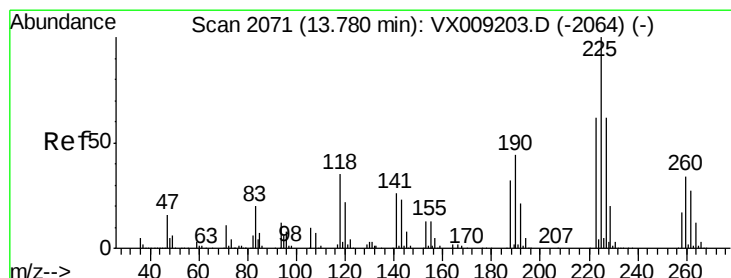
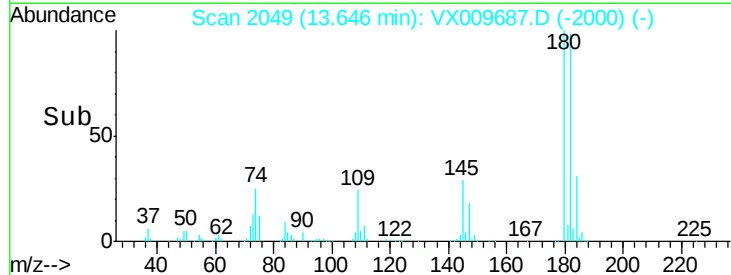
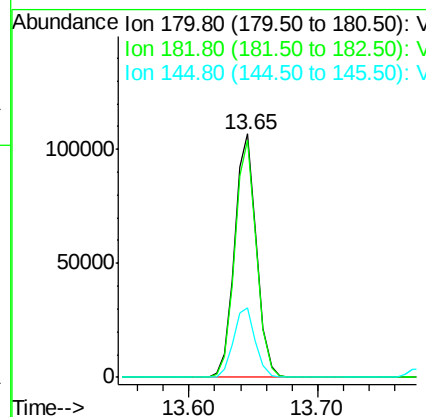
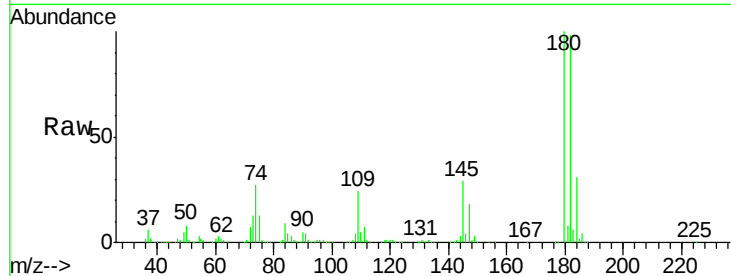
#93
 1,2,4-Trichlorobenzene
 Concen: 53.511 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX009687.D
 Acq: 18 May 2019 01:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	126566		
182	96.3	48.4	145.2	
145	29.0	14.6	43.8	

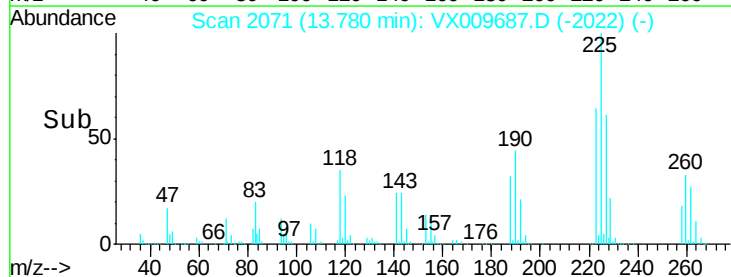
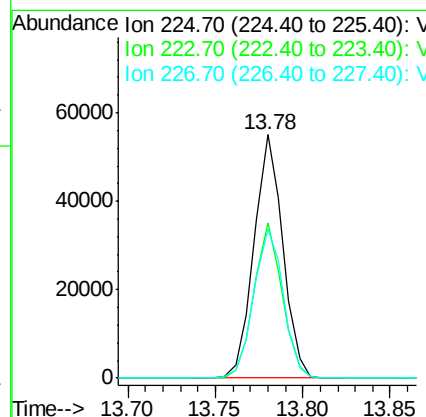
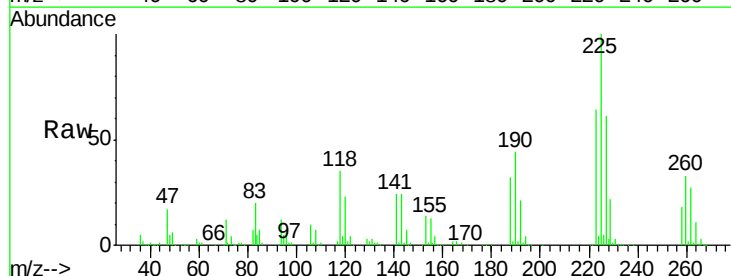
Manual Integrations
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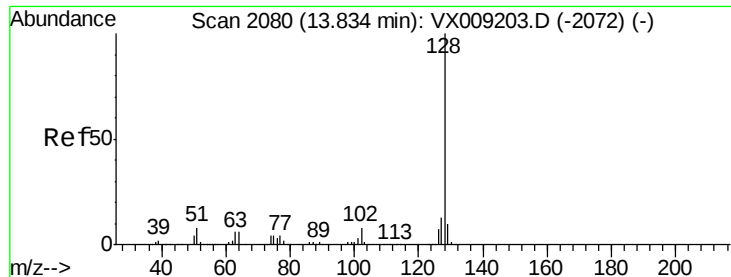
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#94
 Hexachlorobutadiene
 Concen: 52.041 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX009687.D
 Acq: 18 May 2019 01:11

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	62857		
223	62.5	31.3	93.8	
227	63.0	31.8	95.3	





#95

Naphthalene

Concen: 56.641 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX009687.D

Acq: 18 May 2019 01:11

Instrument :

MSVOA_X

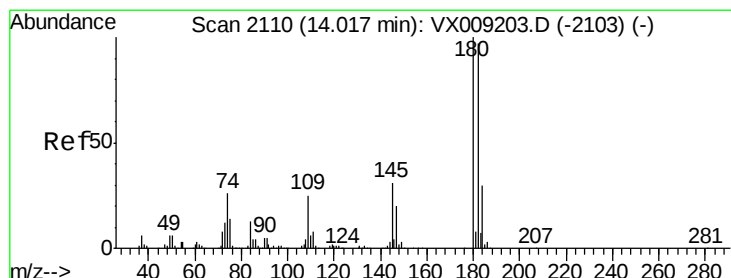
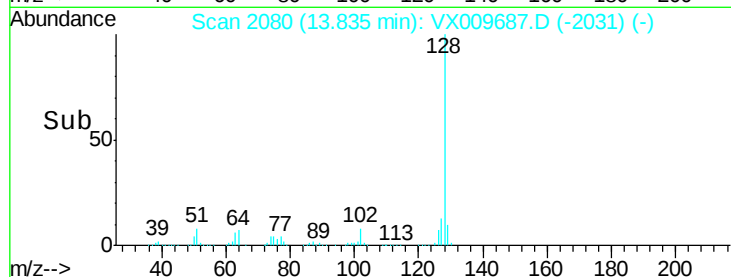
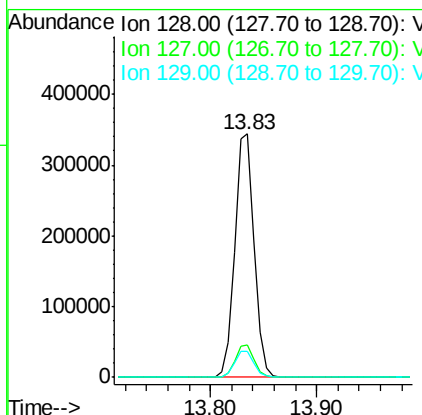
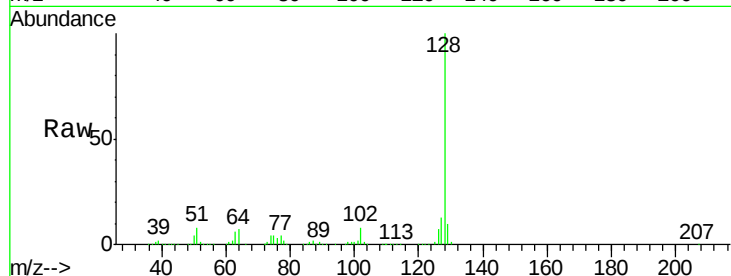
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	435865
Ion Ratio		Lower	Upper
128	100		
127	13.1	10.4	15.6
129	10.9	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
5/20/2019 11:11:31 AM



#96

1,2,3-Trichlorobenzene

Concen: 54.603 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX009687.D

Acq: 18 May 2019 01:11

Tgt Ion:	180	Resp:	130915
Ion Ratio		Lower	Upper
180	100		
182	95.4	47.8	143.4
145	30.9	15.4	46.4

