

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090619\
 Data File : VX012167.D
 Acq On : 07 Sep 2019 00:03
 Operator : SY/SP
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 07 01:18:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	101609	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	197014	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	184575	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	90218	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	84409	60.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.42%	
35) Dibromofluoromethane	5.48	113	65791	54.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.60%	
50) Toluene-d8	8.71	98	238322	53.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.20%	
62) 4-Bromofluorobenzene	11.13	95	105774	51.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	45620	48.687	ug/l	97
3) Chloromethane	1.31	50	55730	58.075	ug/l	98
4) Vinyl Chloride	1.40	62	50545	55.985	ug/l	99
5) Bromomethane	1.62	94	26714	59.647	ug/l	97
6) Chloroethane	1.71	64	33977	60.537	ug/l	96
7) Trichlorofluoromethane	1.92	101	76637	54.652	ug/l	98
8) Diethyl Ether	2.17	74	30064	62.040	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.37	101	51956	50.024	ug/l #	84
10) Methyl Iodide	2.50	142	39331	39.163	ug/l	92
11) Tert butyl alcohol	3.03	59	39907	296.348	ug/l	96
12) 1,1-Dichloroethene	2.36	96	52878	52.850	ug/l	87
13) Acrolein	2.28	56	8917	263.244	ug/l	96
14) Allyl chloride	2.72	41	102898	56.836	ug/l	97
15) Acrylonitrile	3.13	53	91025	298.925	ug/l	99
16) Acetone	2.43	43	82513	246.227	ug/l	97
17) Carbon Disulfide	2.56	76	159754	54.634	ug/l	99
18) Methyl Acetate	2.76	43	50264	63.672	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	192924	59.227	ug/l	100
20) Methylene Chloride	2.84	84	72952	54.212	ug/l	93
21) trans-1,2-Dichloroethene	3.15	96	65100	55.446	ug/l	91
22) Diisopropyl ether	3.84	45	219519	59.488	ug/l	95
23) Vinyl Acetate	3.80	43	702392	294.244	ug/l	98
24) 1,1-Dichloroethane	3.68	63	122601	57.285	ug/l	99
25) 2-Butanone	4.65	43	123570	289.684	ug/l	97
26) 2,2-Dichloropropane	4.57	77	92739	46.934	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	78371	56.944	ug/l	94
28) Bromochloromethane	5.00	49	52409	61.347	ug/l #	79
29) Tetrahydrofuran	5.11	42	80323	312.532	ug/l	98
30) Chloroform	5.20	83	132586	57.735	ug/l	99
31) Cyclohexane	5.56	56	85691	49.854	ug/l	95
32) 1,1,1-Trichloroethane	5.48	97	111910	55.953	ug/l	96
36) 1,1-Dichloropropene	5.79	75	88779	51.163	ug/l	95
37) Ethyl Acetate	4.82	43	56437	59.812	ug/l	99
38) Carbon Tetrachloride	5.77	117	92996	50.861	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	92239	45.801	ug/l	93
40) Benzene	6.13	78	267184	53.636	ug/l	98
41) Methacrylonitrile	5.03	41	33070	58.769	ug/l	97
42) 1,2-Dichloroethane	6.18	62	105808	59.024	ug/l	95
43) Isopropyl Acetate	6.43	43	111916	58.332	ug/l	98
44) Trichloroethene	7.20	130	69581	51.787	ug/l	80
45) 1,2-Dichloropropane	7.50	63	70329	54.645	ug/l	99
46) Dibromomethane	7.65	93	42599	56.699	ug/l #	73
47) Bromodichloromethane	7.89	83	104890	54.924	ug/l	97
48) Methyl methacrylate	7.76	41	56557	58.627	ug/l	94
49) 1,4-Dioxane	7.73	88	15386	1169.957	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	286783	293.870	ug/l	96
52) Toluene	8.78	92	173058	53.394	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	102247	51.715	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	114597	52.122	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	58899	54.834	ug/l	97
56) Ethyl methacrylate	9.17	69	84702	55.053	ug/l	93
57) 1,3-Dichloropropane	9.37	76	104193	56.214	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	174323	251.317	ug/l	94
59) 2-Hexanone	9.48	43	201491	282.961	ug/l	98
60) Dibromochloromethane	9.57	129	68782	53.730	ug/l	97
61) 1,2-Dibromoethane	9.67	107	59004	56.848	ug/l	96
64) Tetrachloroethene	9.33	164	65397	56.832	ug/l #	86
65) Chlorobenzene	10.14	112	189504	52.036	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	71347	53.579	ug/l	97
67) Ethyl Benzene	10.25	91	341431	51.434	ug/l	96
68) m/p-Xylenes	10.36	106	248725	101.695	ug/l	90
69) o-Xylene	10.70	106	122621	51.703	ug/l	89
70) Styrene	10.71	104	215753	52.375	ug/l	95
71) Bromoform	10.85	173	38137	52.143	ug/l #	97
73) Isopropylbenzene	11.01	105	331365	50.059	ug/l	95
74) N-amyl acetate	10.89	43	104851	53.573	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	72646	52.643	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	77678	70.467	ug/l	78
77) Bromobenzene	11.25	156	75629	51.085	ug/l #	65
78) n-propylbenzene	11.35	91	387865	48.501	ug/l	95
79) 2-Chlorotoluene	11.42	91	247745	51.136	ug/l	90
80) 1,3,5-Trimethylbenzene	11.50	105	290870	50.142	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	20252	43.434	ug/l	91
82) 4-Chlorotoluene	11.51	91	298147	51.631	ug/l	92
83) tert-Butylbenzene	11.77	119	273288	49.429	ug/l	90
84) 1,2,4-Trimethylbenzene	11.80	105	307122	51.513	ug/l	93
85) sec-Butylbenzene	11.94	105	332176	48.370	ug/l	94
86) p-Isopropyltoluene	12.06	119	310307	49.686	ug/l	94
87) 1,3-Dichlorobenzene	12.02	146	152993	51.573	ug/l	93
88) 1,4-Dichlorobenzene	12.09	146	148725	50.140	ug/l	94
89) n-Butylbenzene	12.39	91	291522	48.051	ug/l	96
90) Hexachloroethane	12.59	117	58722	47.090	ug/l	56
91) 1,2-Dichlorobenzene	12.39	146	141378	52.917	ug/l	93
92) 1,2-Dibromo-3-Chloropropan	12.99	75	14992	51.916	ug/l	64

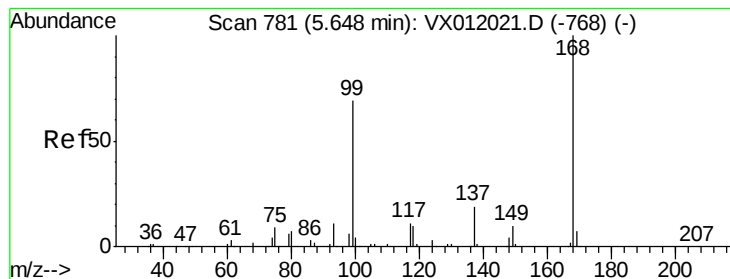
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	93285	49.055	ug/l	97
94) Hexachlorobutadiene	13.78	225	47461	49.512	ug/l	98
95) Naphthalene	13.83	128	216583	52.624	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	84507	50.512	ug/l	95

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012167.D

Acq: 07 Sep 2019 00:03

Instrument :

MSVOA_X

ClientSampleId :

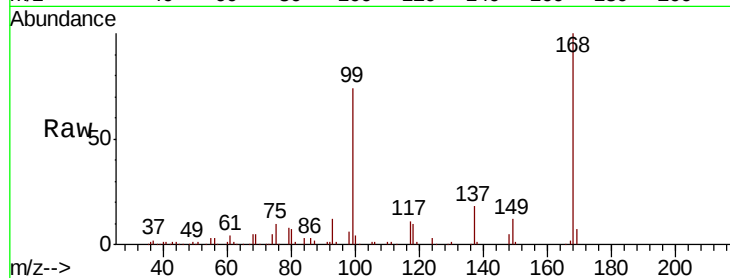
VSTDCCC050EC

Tgt Ion:168 Resp: 101609

Ion Ratio Lower Upper

168 100

99 73.5 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

40000

30000

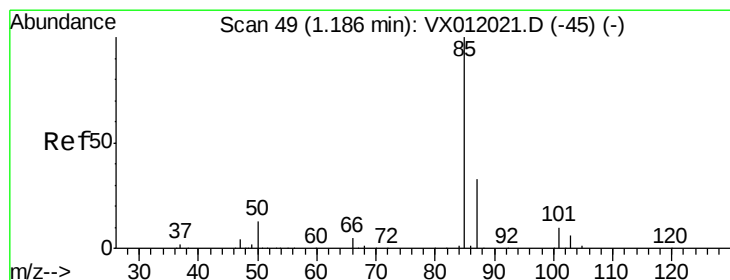
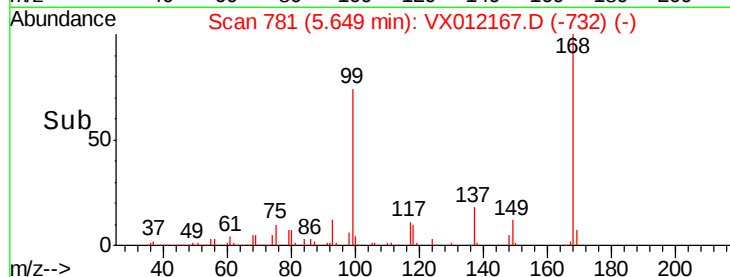
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 48.687 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX012167.D

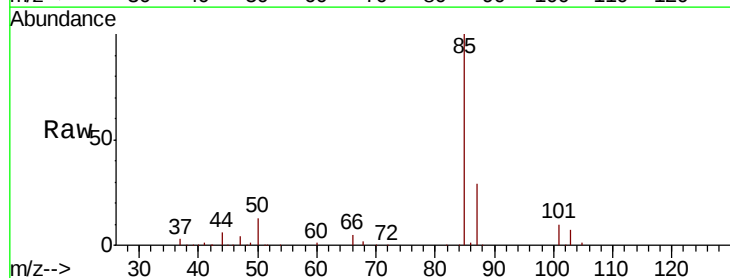
Acq: 07 Sep 2019 00:03

Tgt Ion: 85 Resp: 45620

Ion Ratio Lower Upper

85 100

87 29.4 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

40000

30000

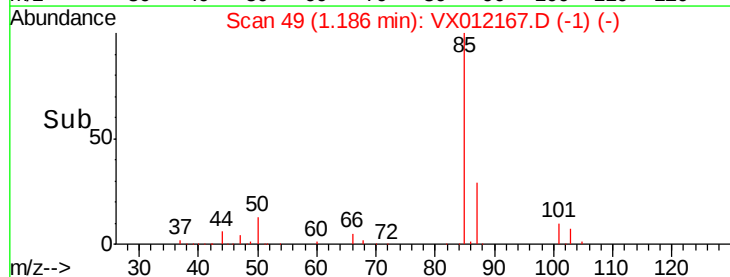
20000

10000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 58.075 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX012167.D

Acq: 07 Sep 2019 00:03

Instrument :

MSVOA_X

ClientSampleId :

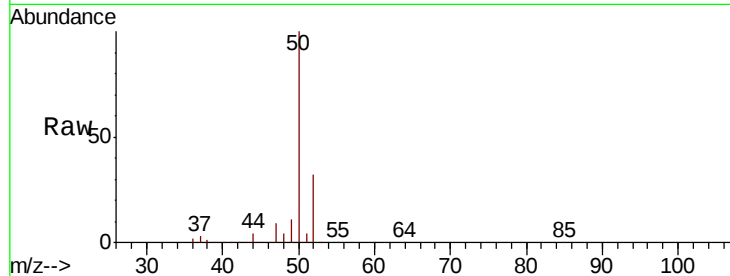
VSTDCCC050EC

Tgt Ion: 50 Resp: 55730

Ion Ratio Lower Upper

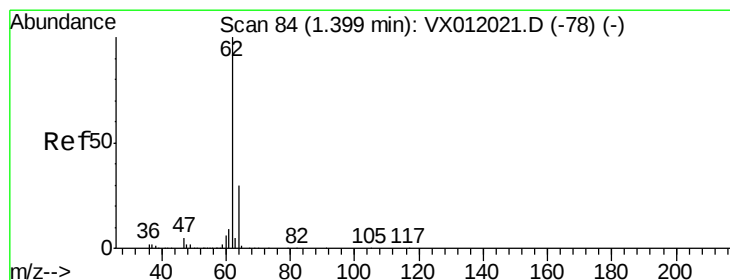
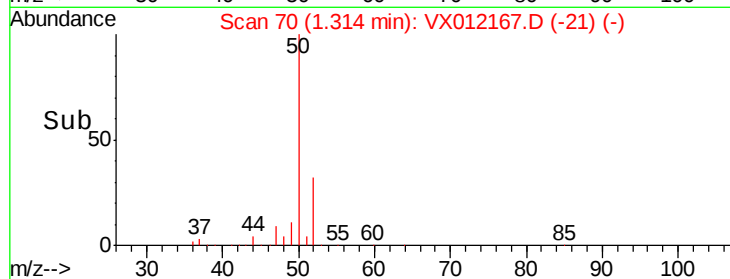
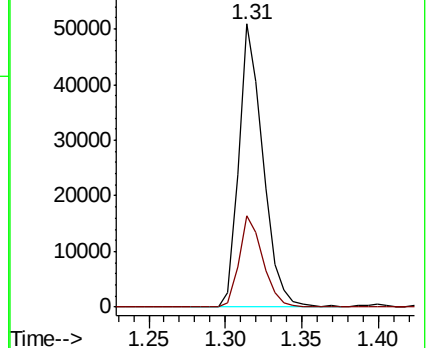
50 100

52 32.1 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 55.985 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.01 min

Lab File: VX012167.D

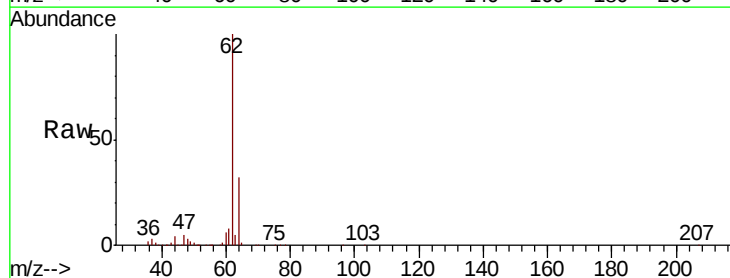
Acq: 07 Sep 2019 00:03

Tgt Ion: 62 Resp: 50545

Ion Ratio Lower Upper

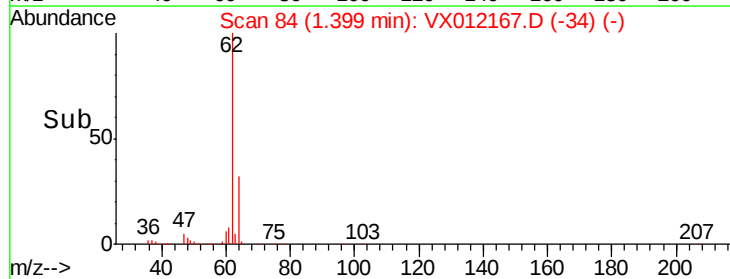
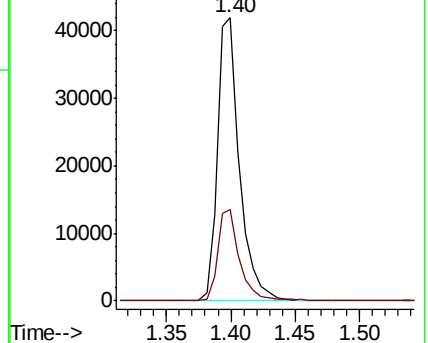
62 100

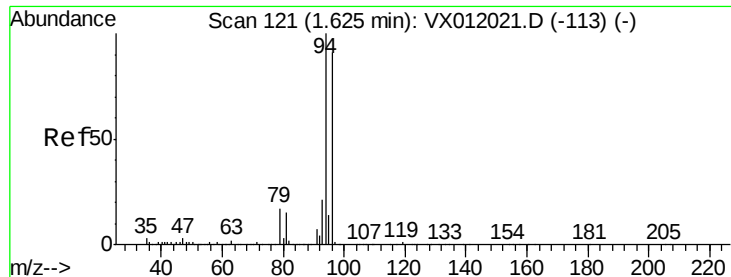
64 32.3 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 59.647 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX012167.D

Acq: 07 Sep 2019 00:03

Instrument :

MSVOA_X

ClientSampleId :

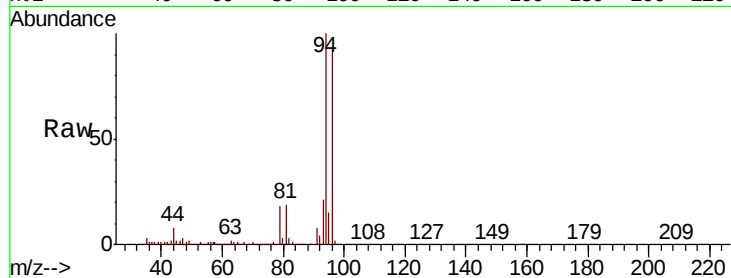
VSTDCCC050EC

Tgt Ion: 94 Resp: 26714

Ion Ratio Lower Upper

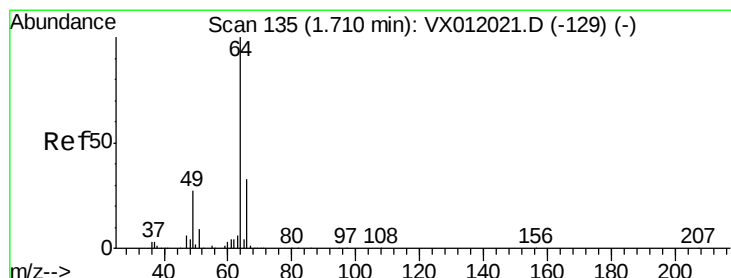
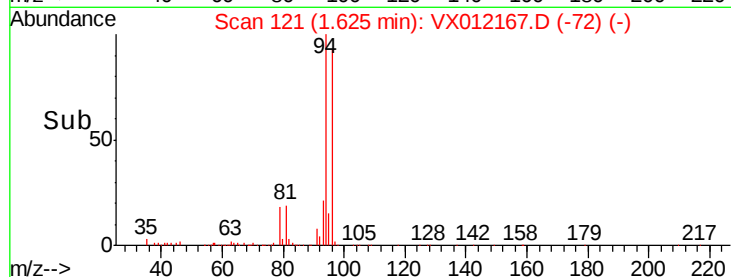
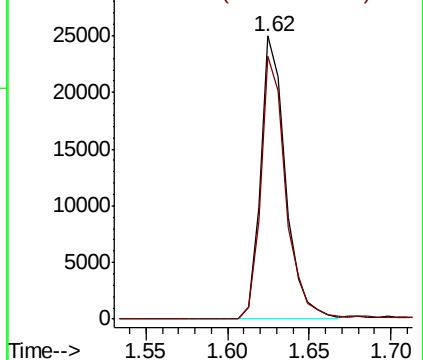
94 100

96 92.6 76.3 114.5



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 60.537 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX012167.D

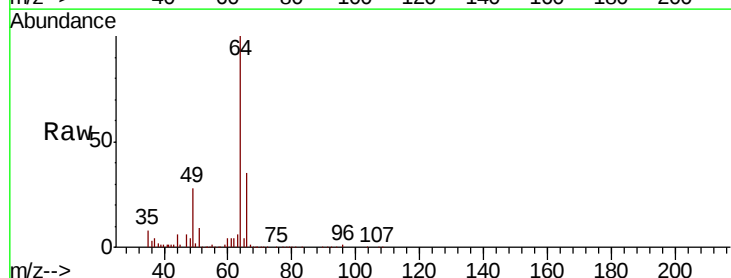
Acq: 07 Sep 2019 00:03

Tgt Ion: 64 Resp: 33977

Ion Ratio Lower Upper

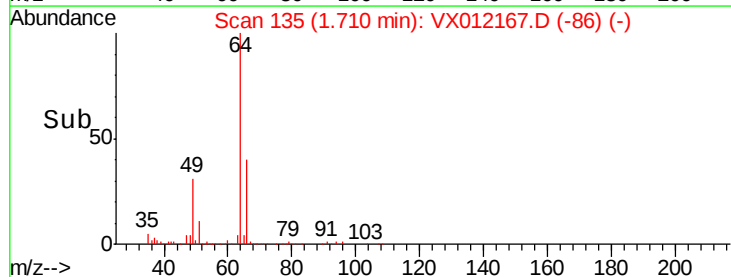
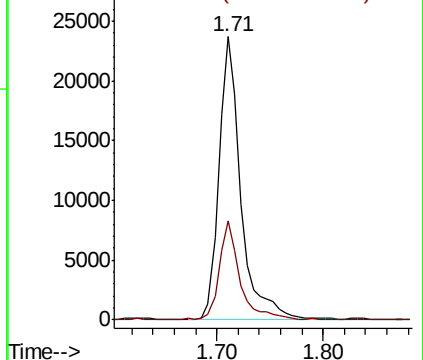
64 100

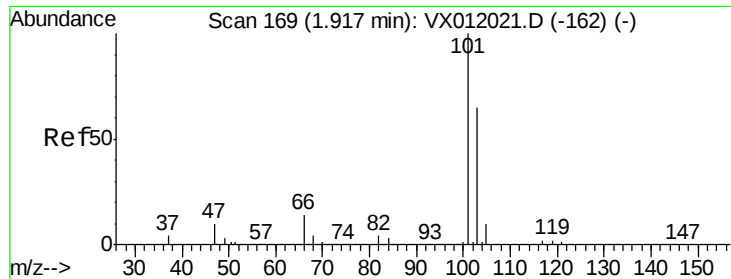
66 34.9 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 54.652 ug/l

RT: 1.92 min Scan# 169

Delta R.T. -0.00 min

Lab File: VX012167.D

Acq: 07 Sep 2019 00:03

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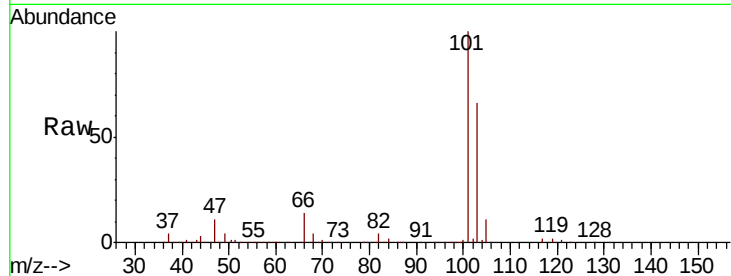
VSTDCCC050EC

Tgt Ion:101 Resp: 76637

Ion Ratio Lower Upper

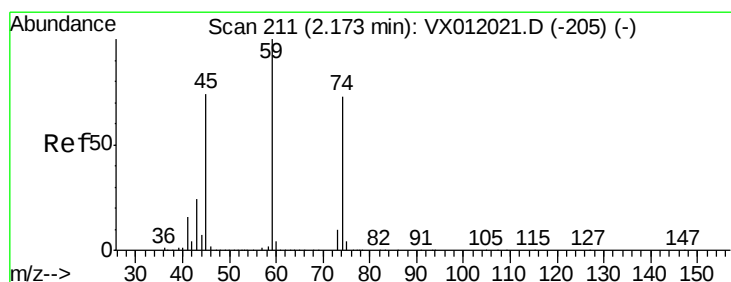
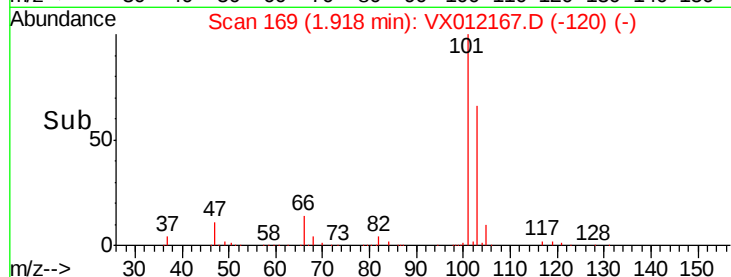
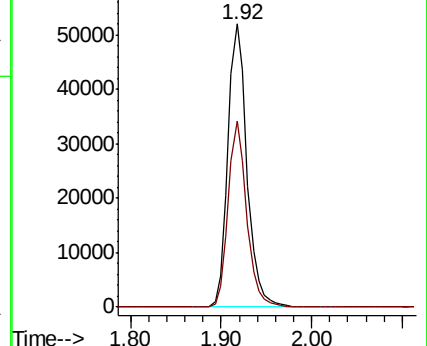
101 100

103 65.7 51.6 77.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 62.040 ug/l

RT: 2.17 min Scan# 211

Delta R.T. -0.00 min

Lab File: VX012167.D

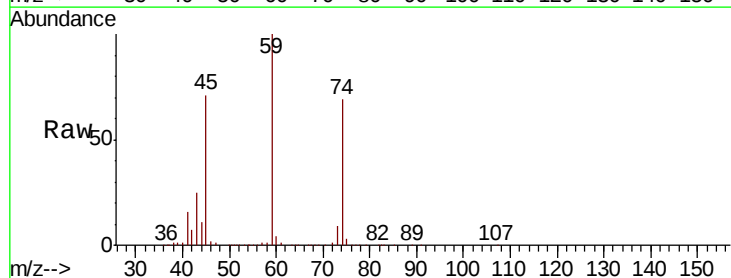
Acq: 07 Sep 2019 00:03

Tgt Ion: 74 Resp: 30064

Ion Ratio Lower Upper

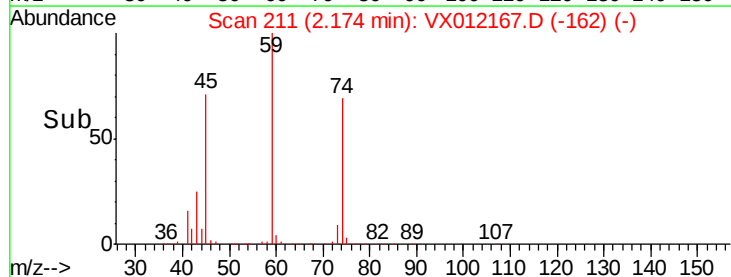
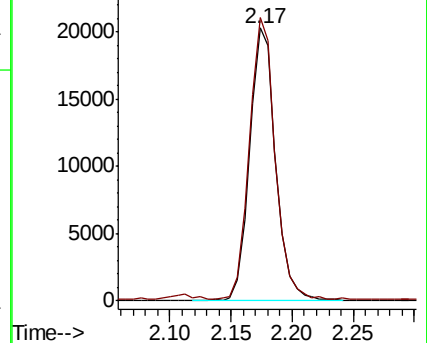
74 100

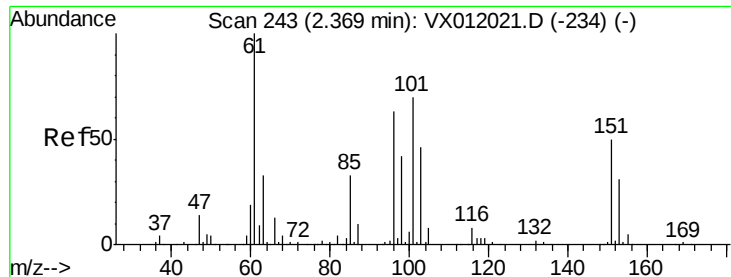
45 100.8 45.9 137.6



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.024 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.00 min

Lab File: VX012167.D

Acq: 07 Sep 2019 00:03

Instrument :

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VSTDCCC050EC

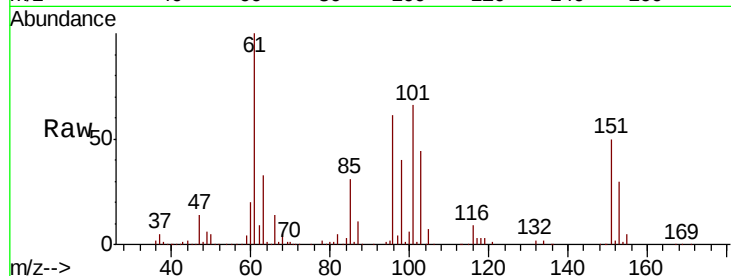
Tgt Ion:101 Resp: 51956

Ion Ratio Lower Upper

101 100

85 45.8 34.5 51.7

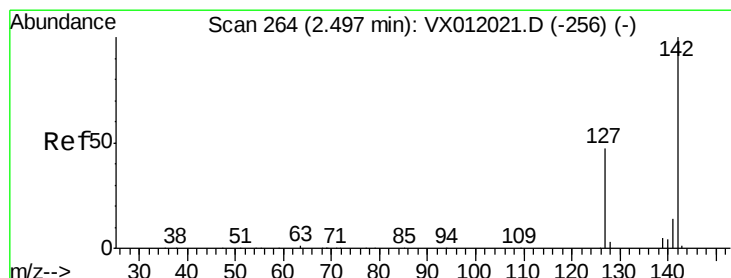
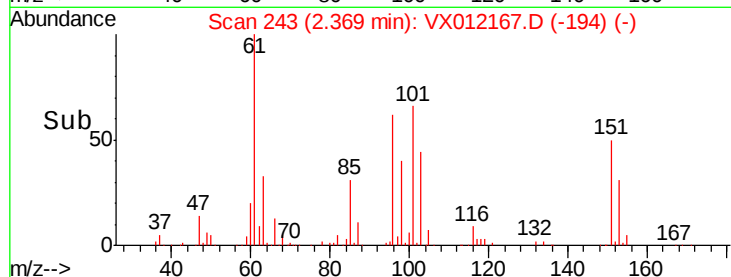
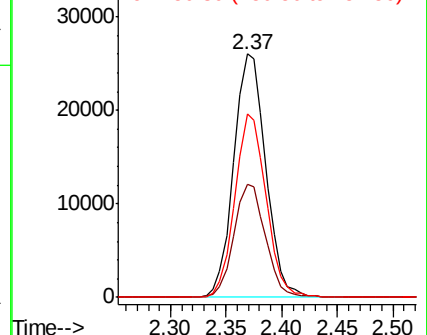
151 73.3 75.0 112.4#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 39.163 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX012167.D

Acq: 07 Sep 2019 00:03

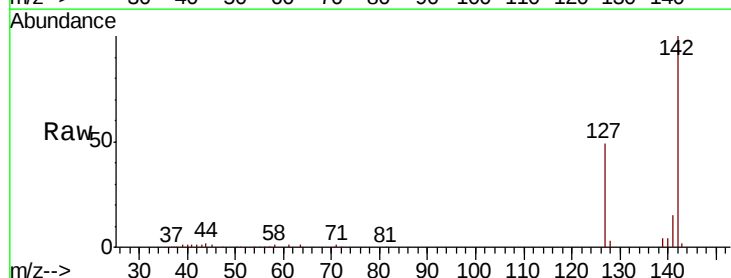
Tgt Ion:142 Resp: 39331

Ion Ratio Lower Upper

142 100

127 51.1 35.4 53.2

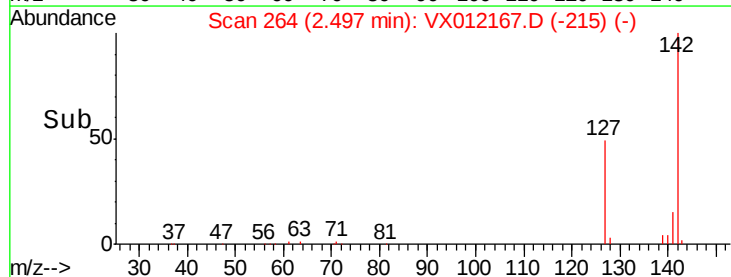
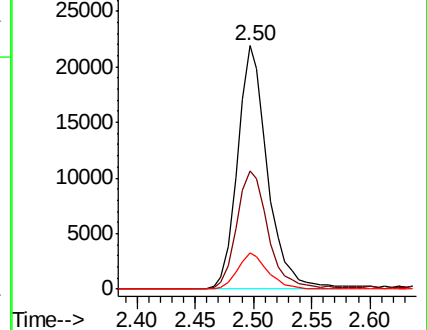
141 15.2 11.4 17.2

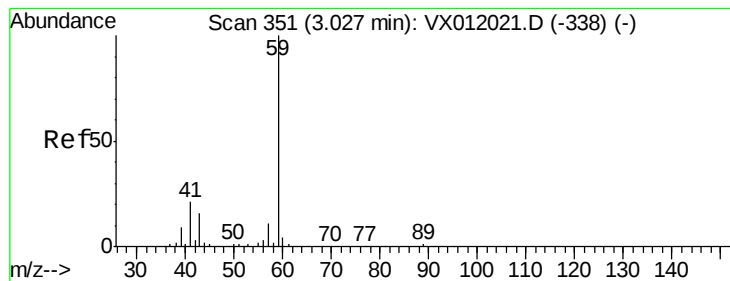


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



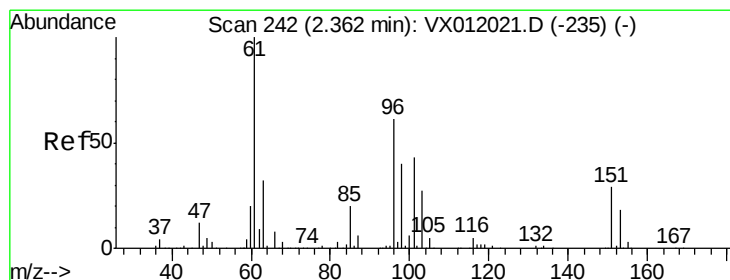
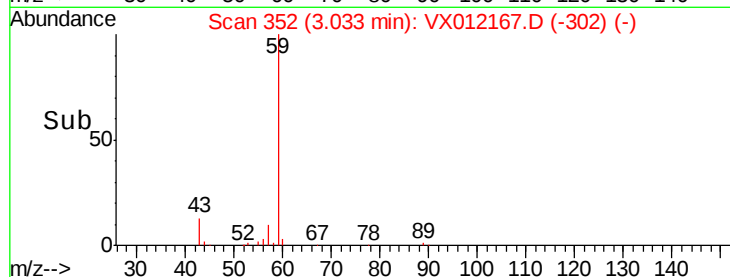
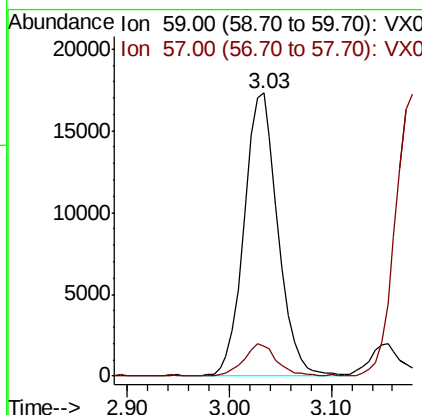
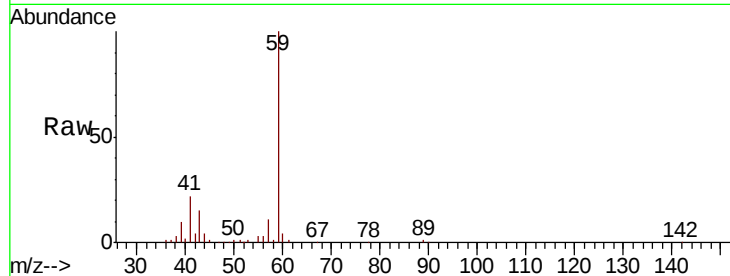


#11

Tert butyl alcohol
 Concen: 296.348 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. 0.01 min
 Lab File: VX012167.D
 Acq: 07 Sep 2019 00:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

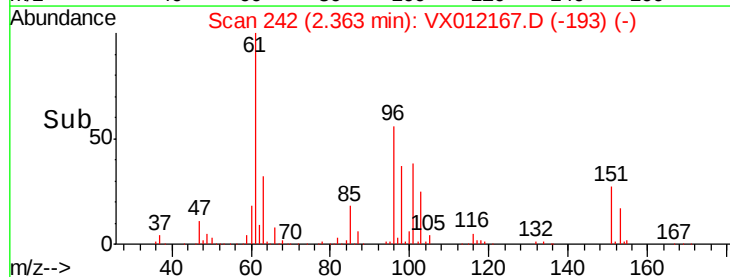
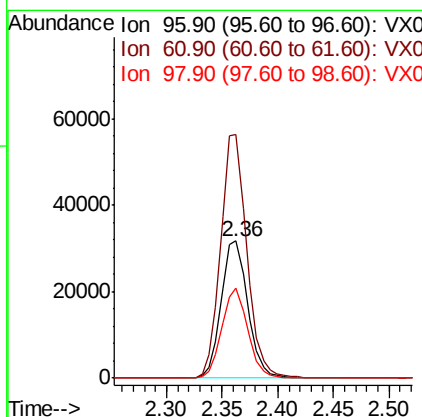
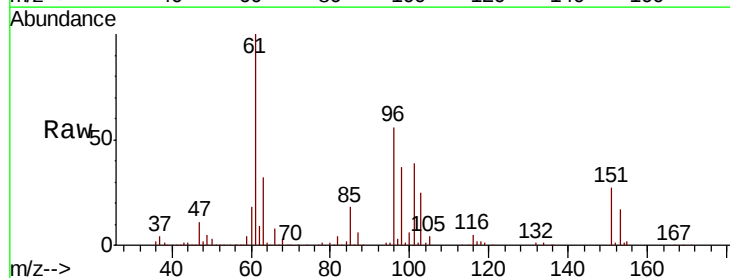
Tgt Ion: 59 Resp: 39907
 Ion Ratio Lower Upper
 59 100
 57 11.4 7.9 11.9

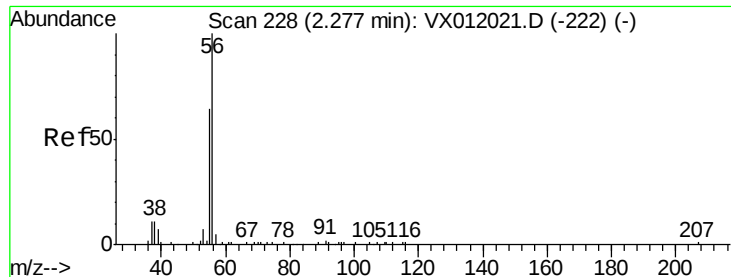


#12

1,1-Dichloroethene
 Concen: 52.850 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. -0.00 min
 Lab File: VX012167.D
 Acq: 07 Sep 2019 00:03

Tgt Ion: 96 Resp: 52878
 Ion Ratio Lower Upper
 96 100
 61 177.4 124.1 186.1
 98 65.6 50.2 75.2





#13

Acrolein

Concen: 263.244 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.01 min

Lab File: VX012167.D

Acq: 07 Sep 2019 00:03

Instrument :

MSVOA_X

ClientSampleId :

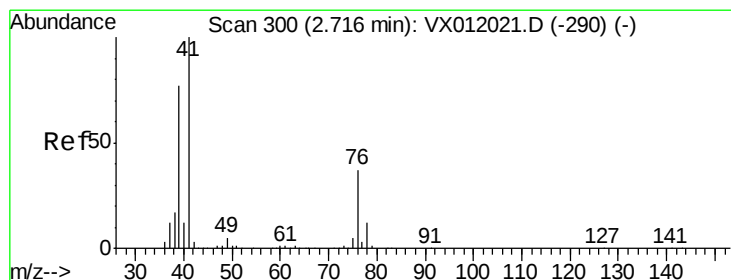
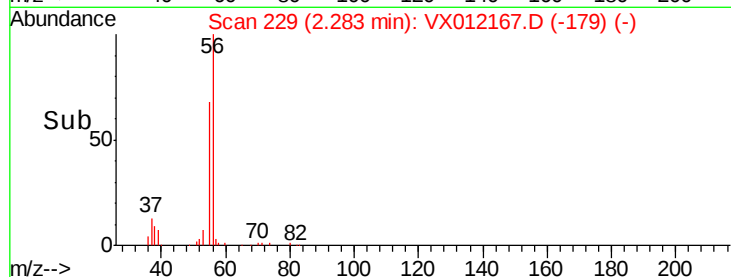
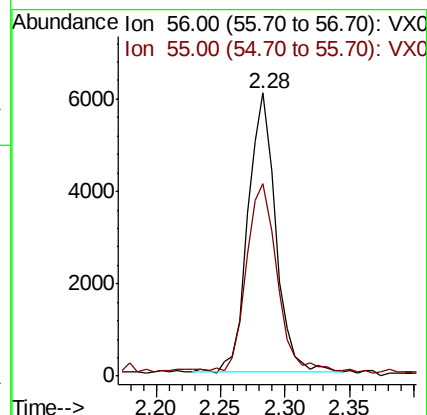
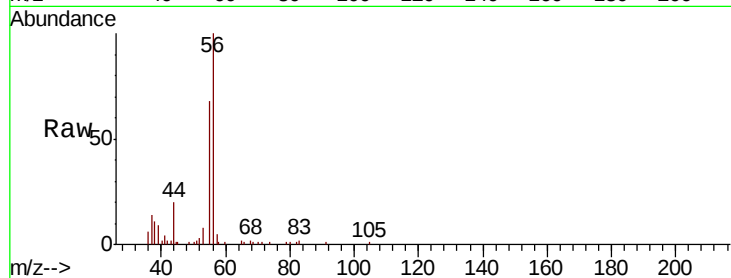
VSTDCCC050EC

Tgt Ion: 56 Resp: 8917

Ion Ratio Lower Upper

56 100

55 77.7 59.2 88.8



#14

Allyl chloride

Concen: 56.836 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX012167.D

Acq: 07 Sep 2019 00:03

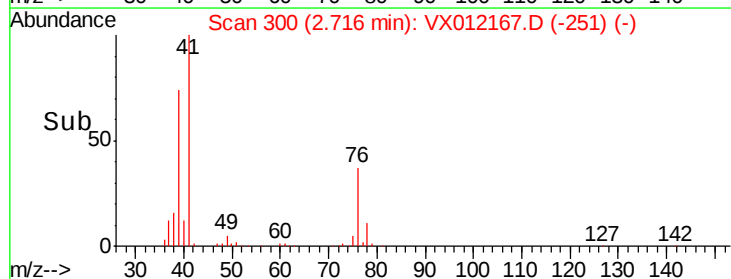
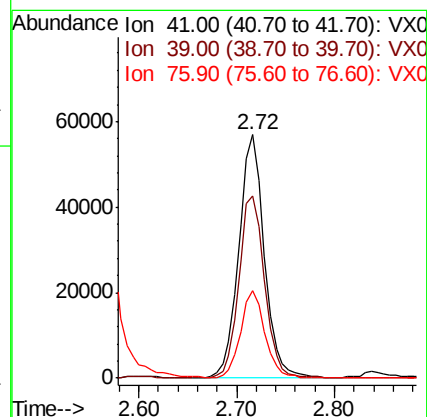
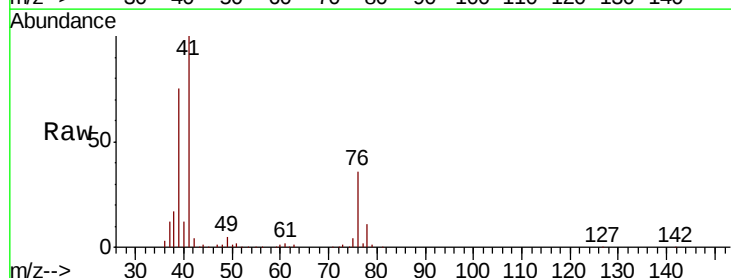
Tgt Ion: 41 Resp: 102898

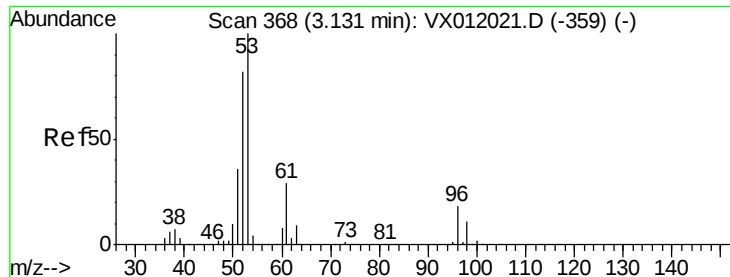
Ion Ratio Lower Upper

41 100

39 75.0 57.9 86.9

76 34.4 28.5 42.7





#15

Acrylonitrile

Concen: 298.925 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.01 min

Lab File: VX012167.D

Acq: 07 Sep 2019 00:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

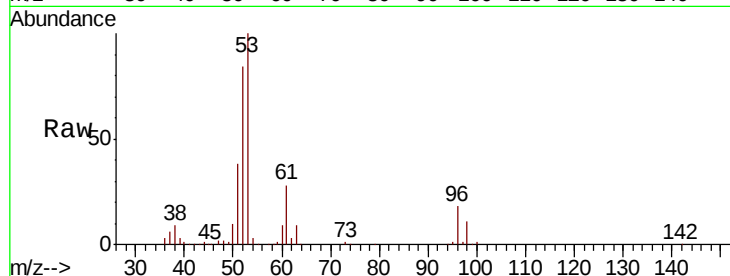
Tgt Ion: 53 Resp: 91025

Ion Ratio Lower Upper

53 100

52 82.5 65.6 98.4

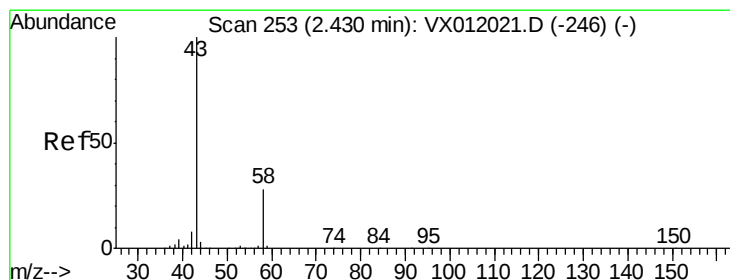
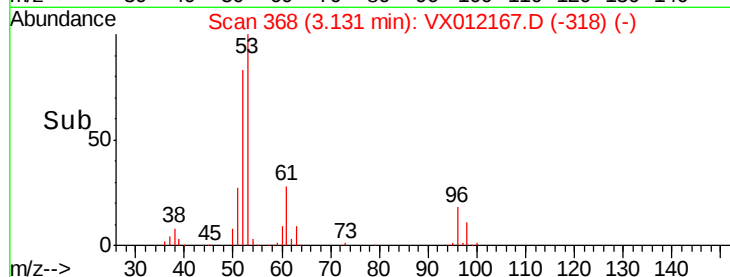
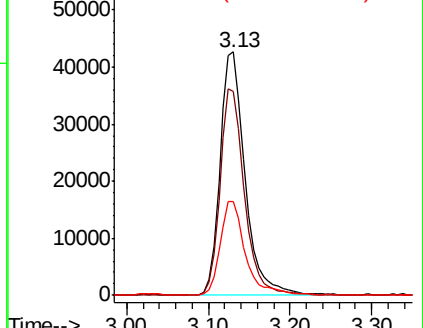
51 39.0 29.8 44.6



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 246.227 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012167.D

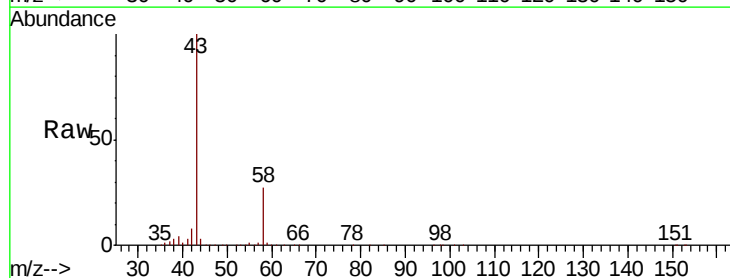
Acq: 07 Sep 2019 00:03

Tgt Ion: 43 Resp: 82513

Ion Ratio Lower Upper

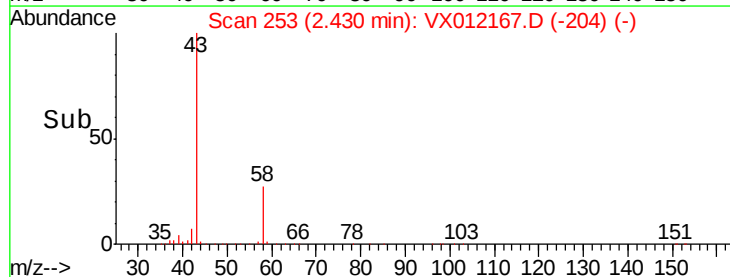
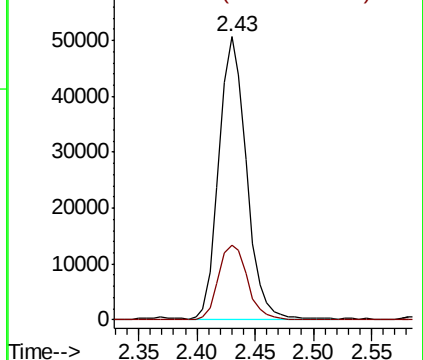
43 100

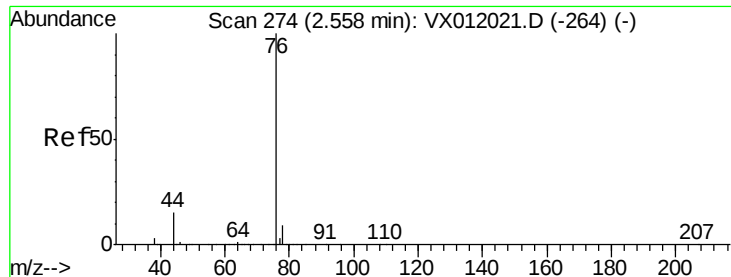
58 26.7 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

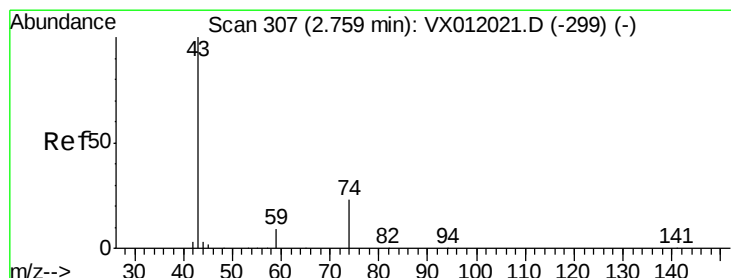
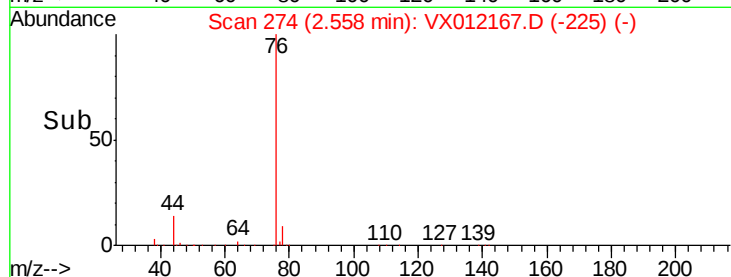
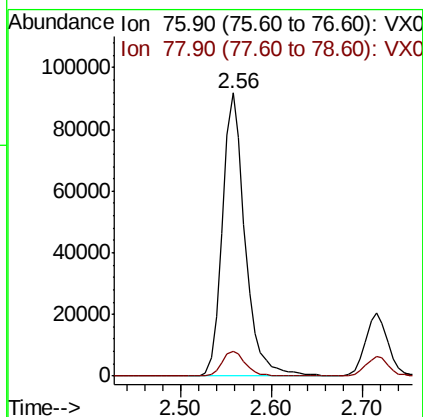
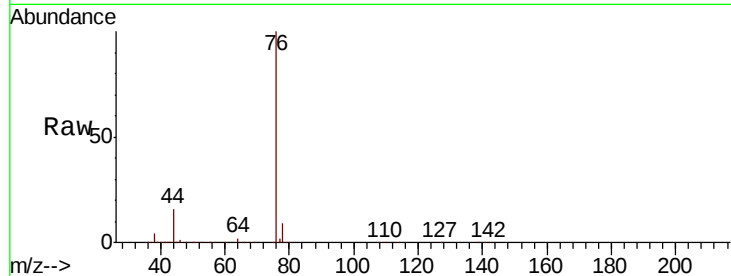




#17
Carbon Disulfide
Concen: 54.634 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.00 min
Lab File: VX012167.D
Acq: 07 Sep 2019 00:03

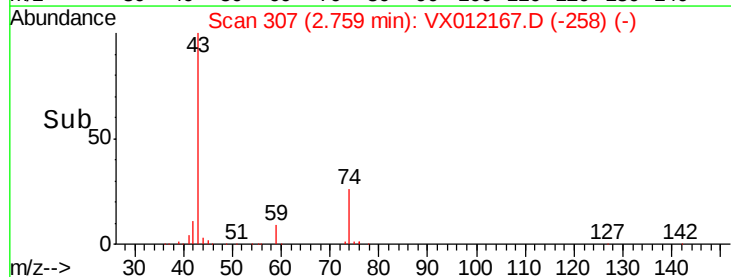
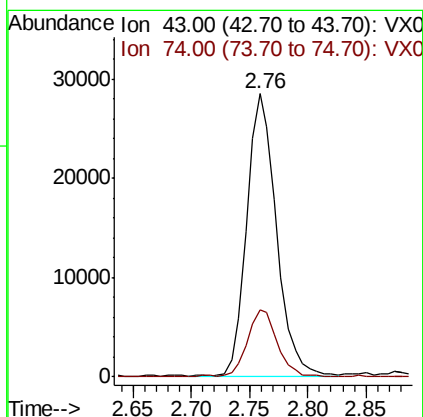
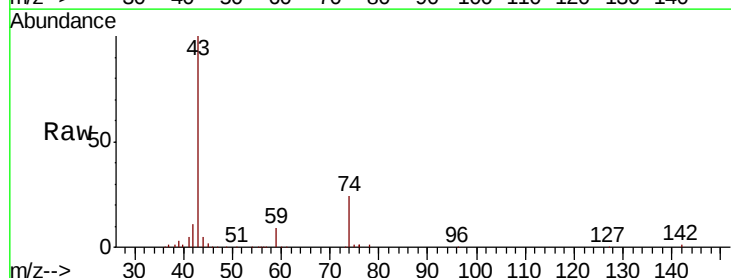
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

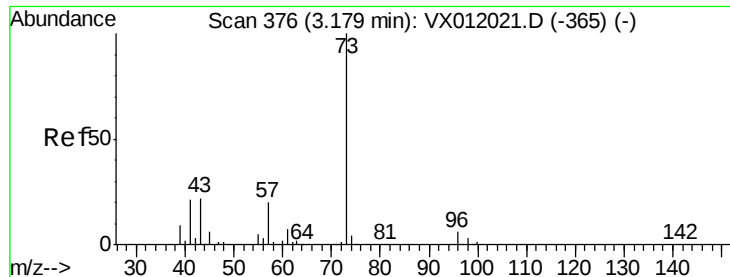
Tgt Ion: 76 Resp: 159754
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.2



#18
Methyl Acetate
Concen: 63.672 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.00 min
Lab File: VX012167.D
Acq: 07 Sep 2019 00:03

Tgt Ion: 43 Resp: 50264
Ion Ratio Lower Upper
43 100
74 24.4 19.5 29.3



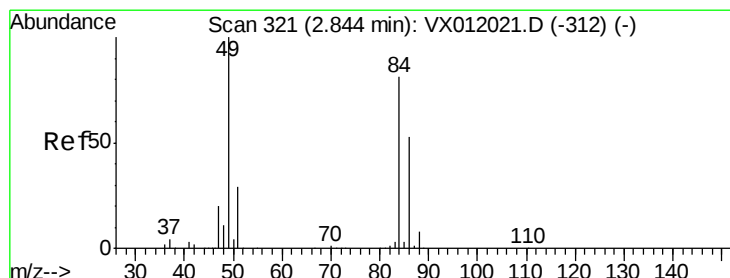
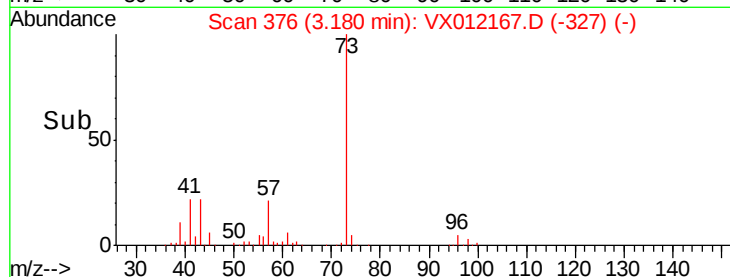
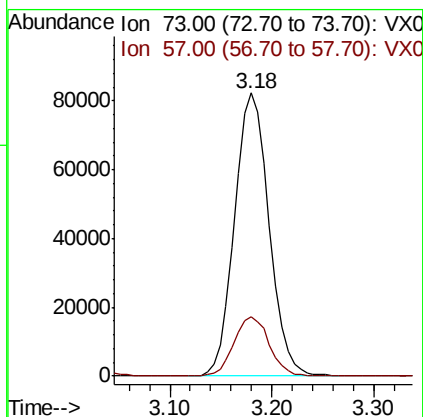
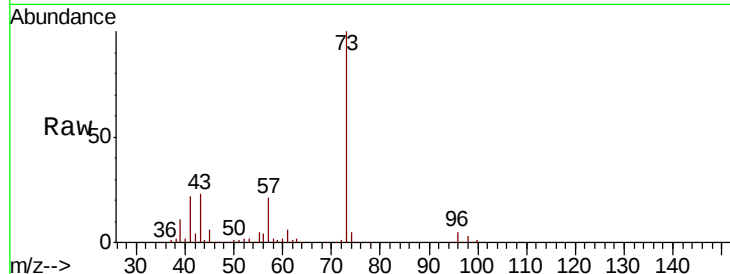


#19

Methyl tert-butyl Ether
 Concen: 59.227 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.00 min
 Lab File: VX012167.D
 Acq: 07 Sep 2019 00:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

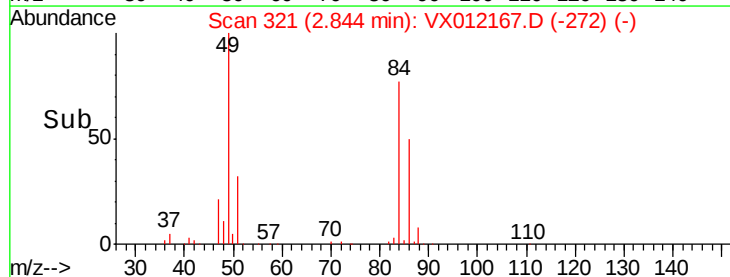
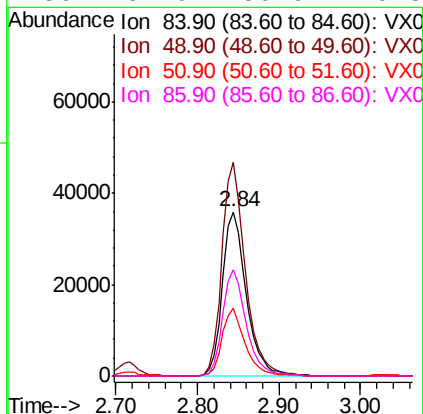
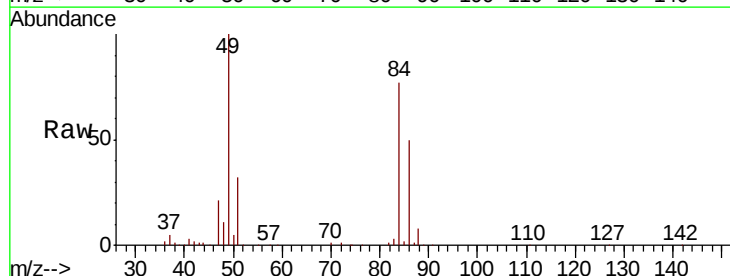
Tgt Ion: 73 Resp: 192924
 Ion Ratio Lower Upper
 73 100
 57 20.9 16.6 25.0

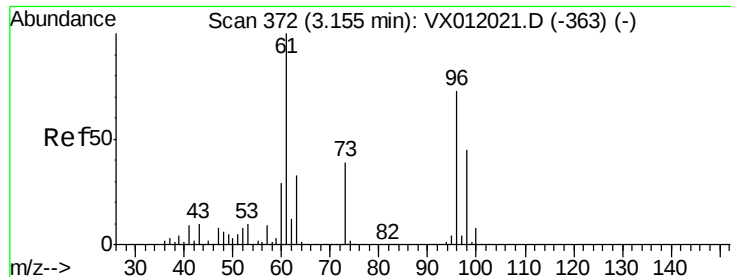


#20

Methylene Chloride
 Concen: 54.212 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. -0.00 min
 Lab File: VX012167.D
 Acq: 07 Sep 2019 00:03

Tgt Ion: 84 Resp: 72952
 Ion Ratio Lower Upper
 84 100
 49 130.1 95.8 143.8
 51 41.4 28.6 43.0
 86 64.9 50.9 76.3





#21

trans-1,2-Dichloroethene

Concen: 55.446 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.00 min

Lab File: VX012167.D

Acq: 07 Sep 2019 00:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

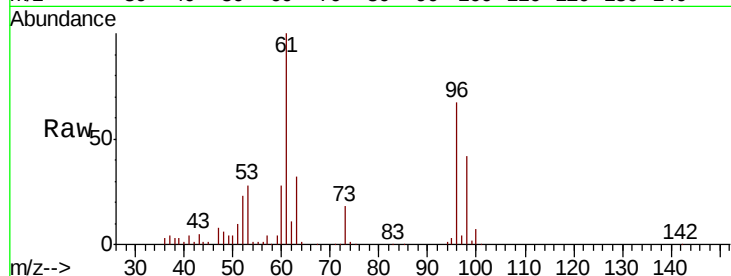
Tgt Ion: 96 Resp: 65100

Ion Ratio Lower Upper

96 100

61 149.5 107.0 160.6

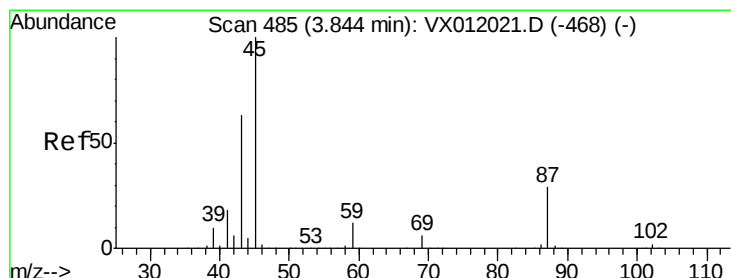
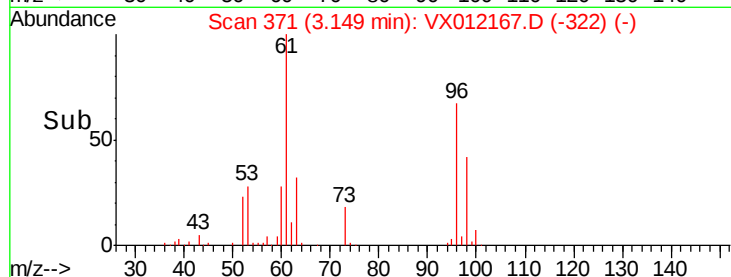
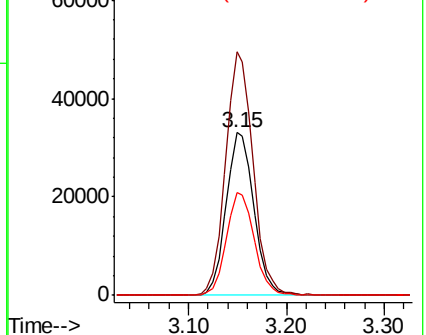
98 63.0 49.8 74.6



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



#22

Diisopropyl ether

Concen: 59.488 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.00 min

Lab File: VX012167.D

Acq: 07 Sep 2019 00:03

Tgt Ion: 45 Resp: 219519

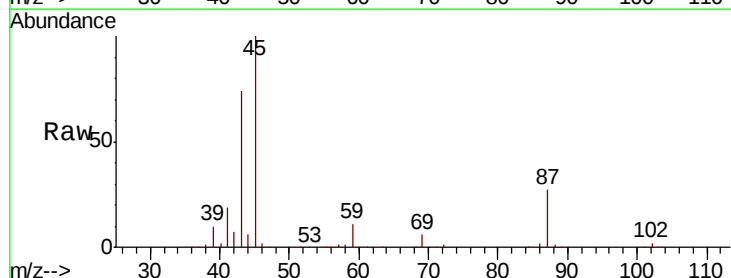
Ion Ratio Lower Upper

45 100

43 73.1 54.2 81.4

87 26.8 23.4 35.0

59 11.0 9.0 13.6

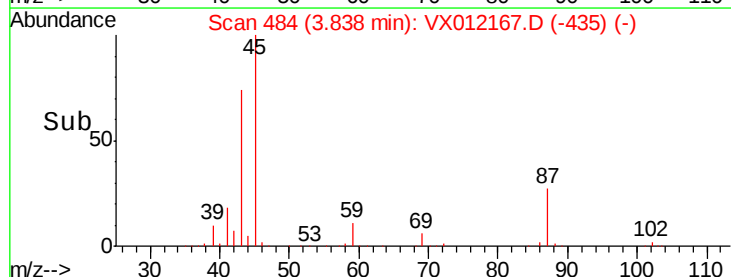
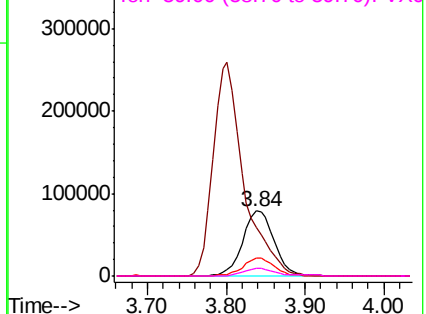


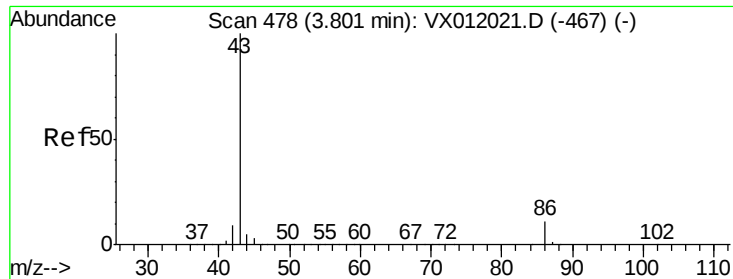
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 294.244 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX012167.D

Acq: 07 Sep 2019 00:03

Instrument :

MSVOA_X

ClientSampleId :

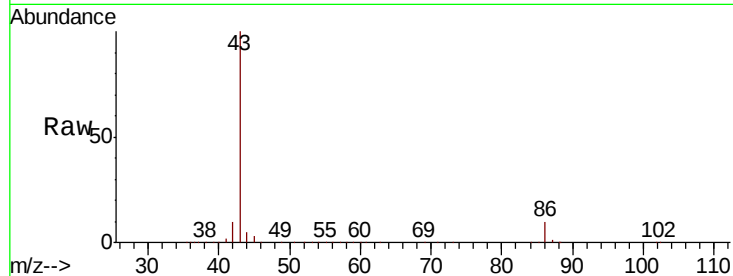
VSTDCCC050EC

Tgt Ion: 43 Resp: 702392

Ion Ratio Lower Upper

43 100

86 10.5 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

300000

250000

200000

150000

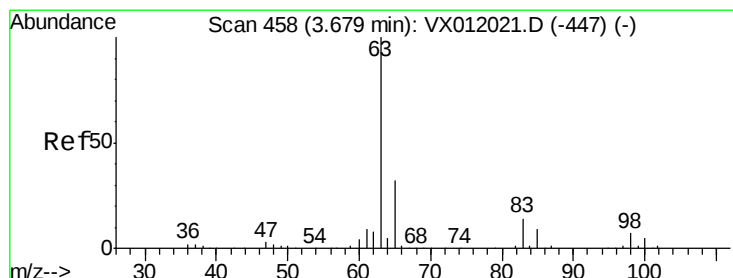
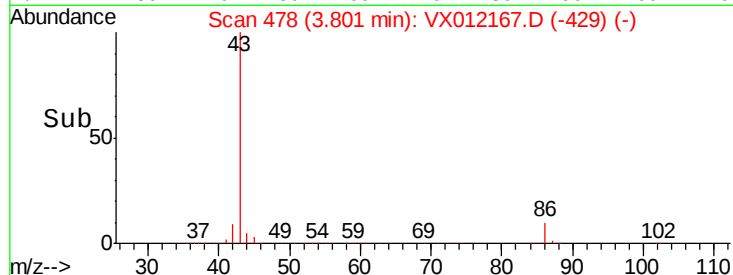
100000

50000

0

3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 57.285 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.00 min

Lab File: VX012167.D

Acq: 07 Sep 2019 00:03

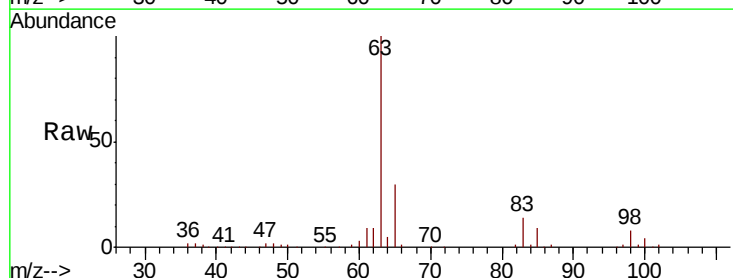
Tgt Ion: 63 Resp: 122601

Ion Ratio Lower Upper

63 100

98 7.8 3.9 11.7

100 4.3 2.5 7.4



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

60000

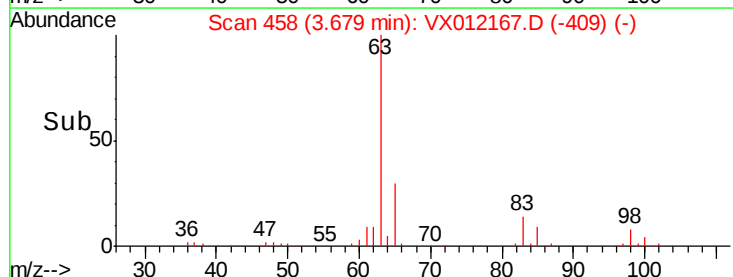
40000

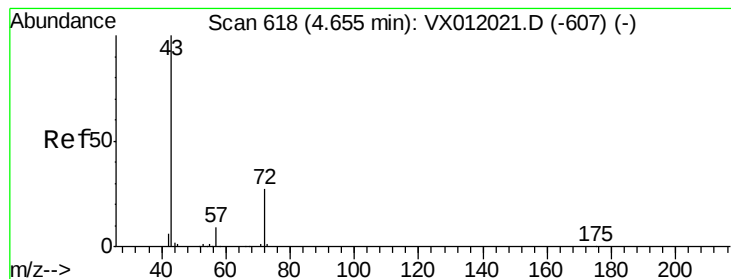
20000

0

3.60 3.70 3.80 3.90

Time-->





#25

2-Butanone

Concen: 289.684 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX012167.D

Acq: 07 Sep 2019 00:03

Instrument :

MSVOA_X

ClientSampleId :

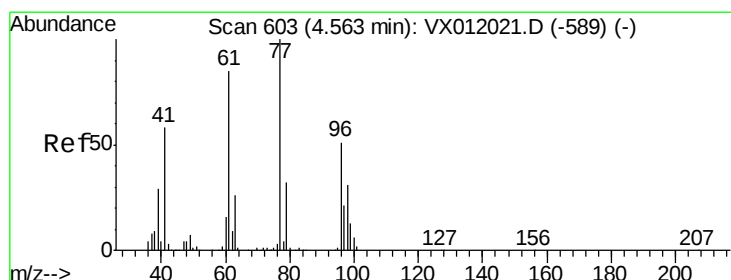
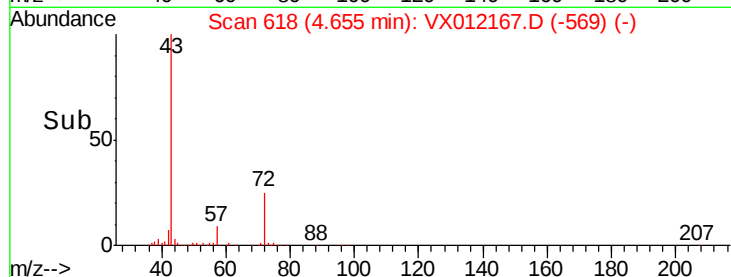
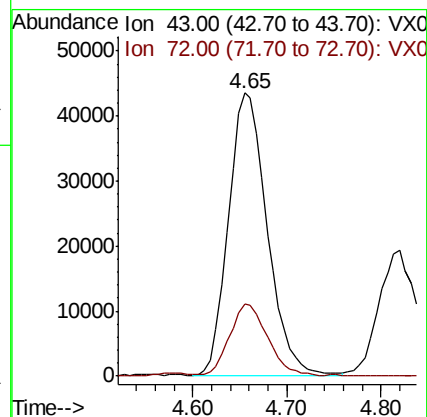
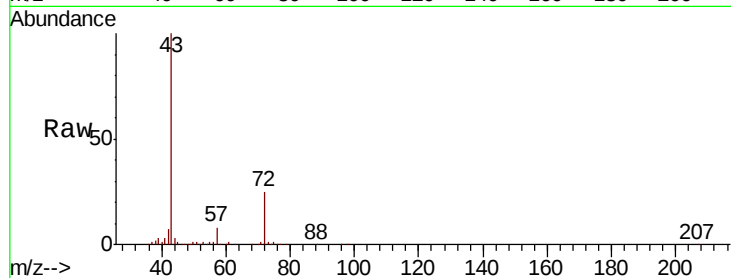
VSTDCCC050EC

Tgt Ion: 43 Resp: 123570

Ion Ratio Lower Upper

43 100

72 25.3 21.3 31.9



#26

2,2-Dichloropropane

Concen: 46.934 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX012167.D

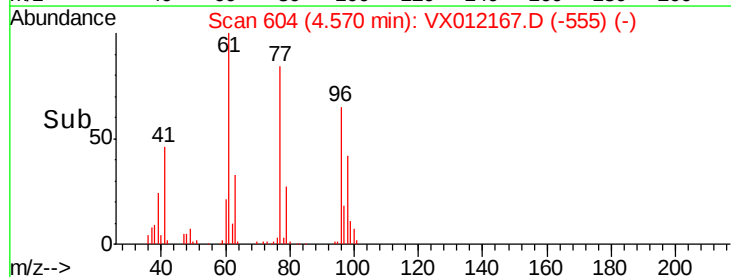
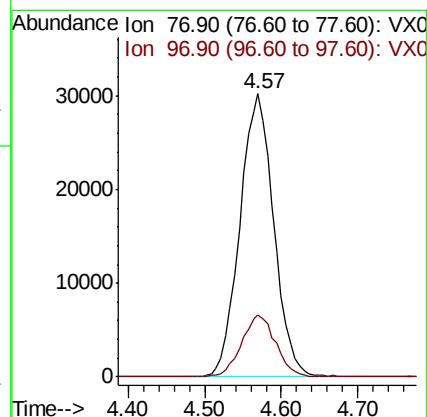
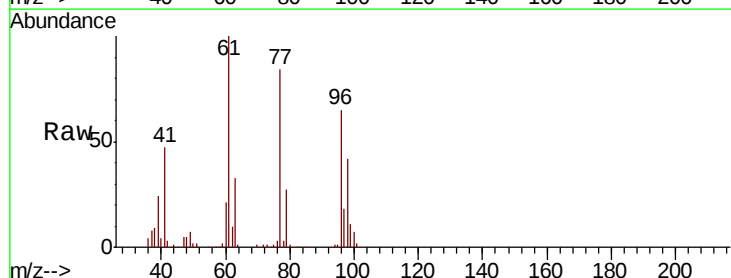
Acq: 07 Sep 2019 00:03

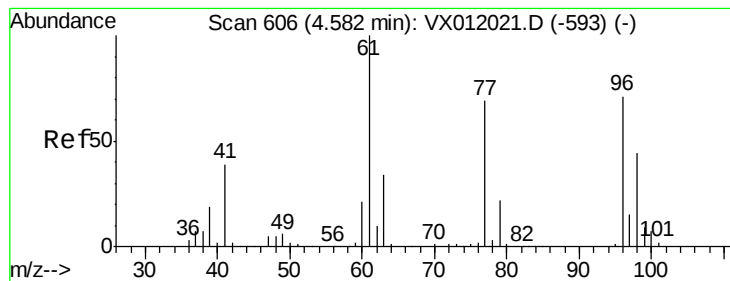
Tgt Ion: 77 Resp: 92739

Ion Ratio Lower Upper

77 100

97 22.0 11.5 34.5



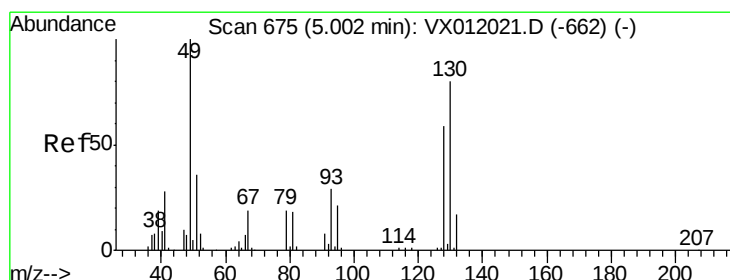
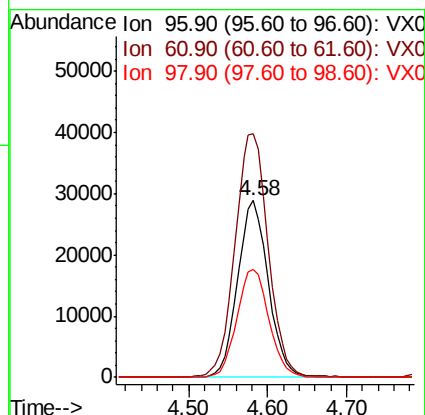
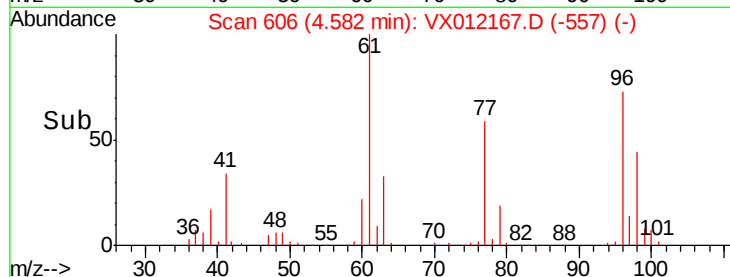
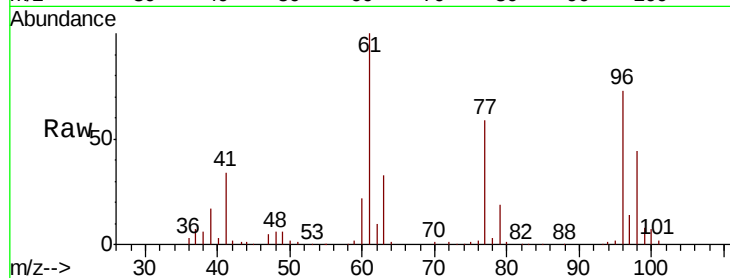


#27

cis-1,2-Dichloroethene
 Concen: 56.944 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: VX012167.D
 Acq: 07 Sep 2019 00:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

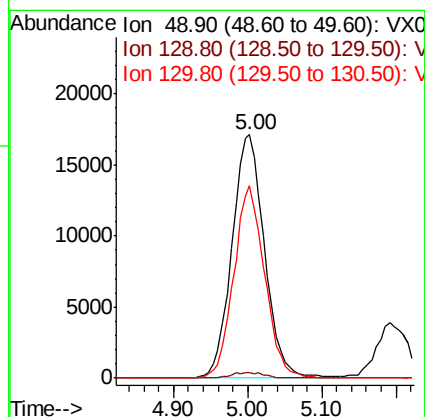
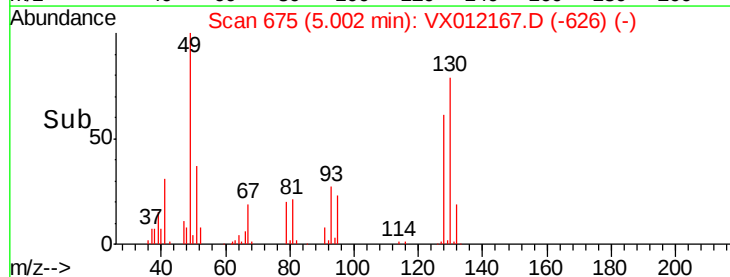
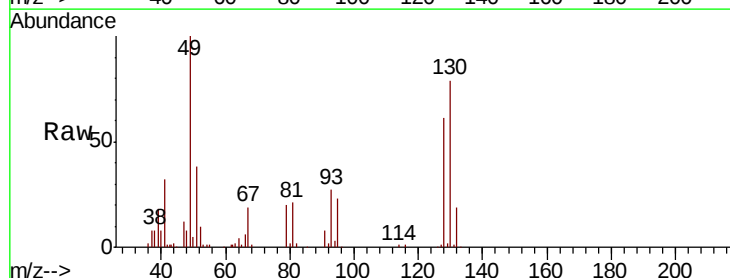
Tgt Ion: 96 Resp: 78371
 Ion Ratio Lower Upper
 96 100
 61 149.0 0.0 277.0
 98 64.0 0.0 128.4

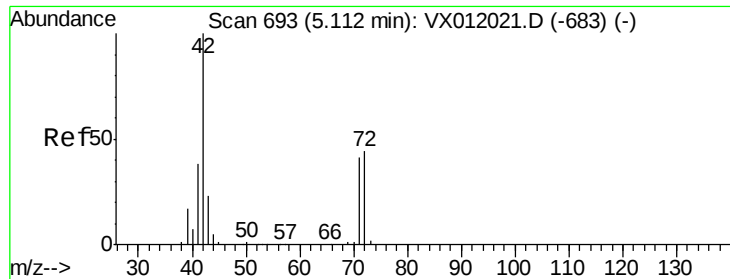


#28

Bromochloromethane
 Concen: 61.347 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. -0.00 min
 Lab File: VX012167.D
 Acq: 07 Sep 2019 00:03

Tgt Ion: 49 Resp: 52409
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 5.6
 130 74.9 76.7 115.1#

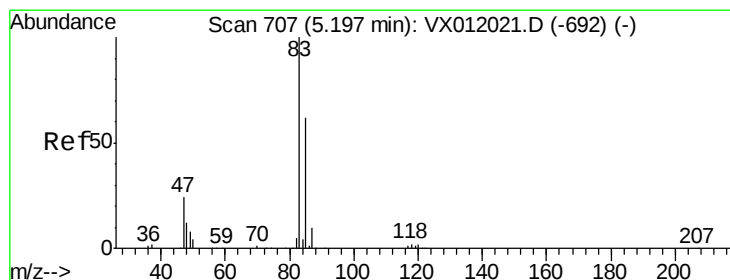
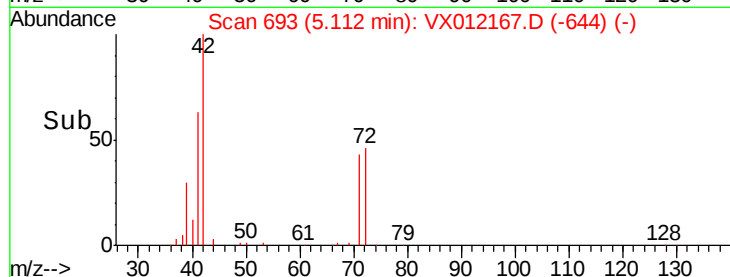
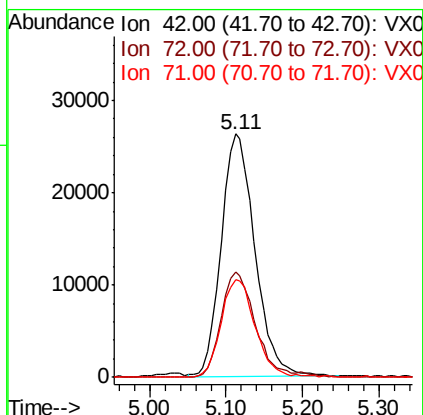
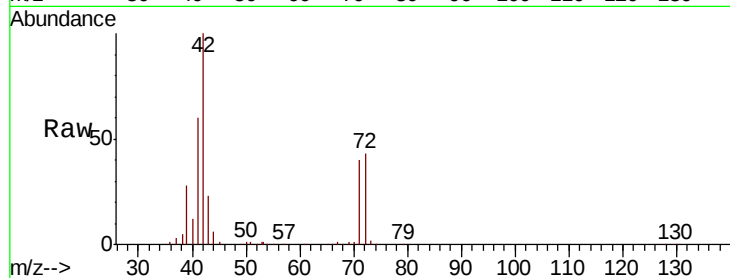




#29
Tetrahydrofuran
Concen: 312.532 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.00 min
Lab File: VX012167.D
Acq: 07 Sep 2019 00:03

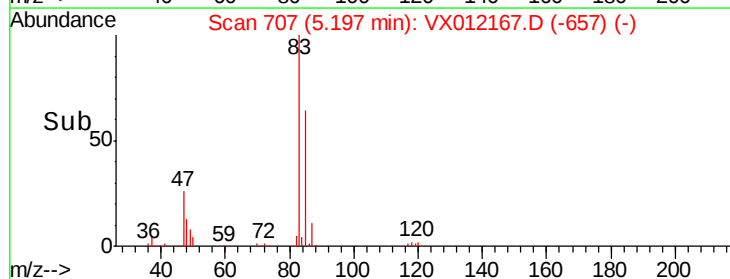
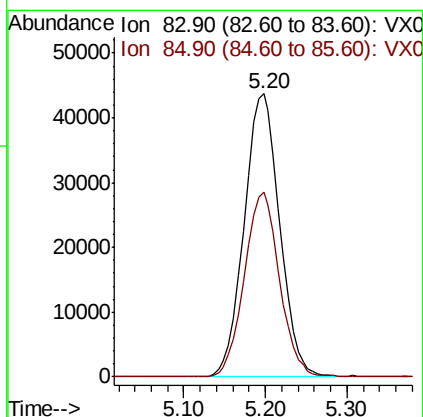
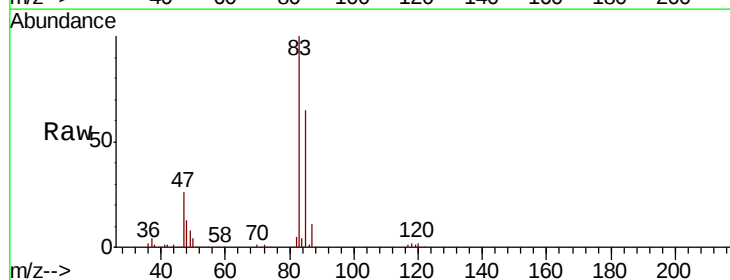
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

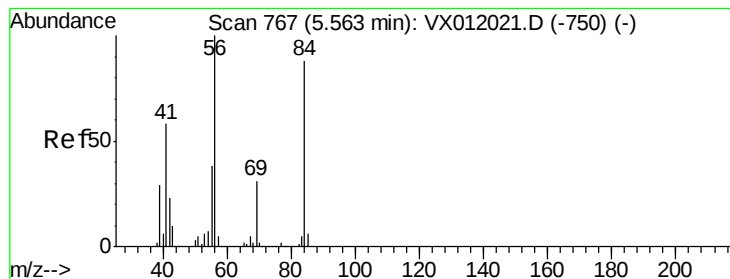
Tgt Ion: 42 Resp: 80323
Ion Ratio Lower Upper
42 100
72 44.6 37.0 55.4
71 41.0 33.8 50.8



#30
Chloroform
Concen: 57.735 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.01 min
Lab File: VX012167.D
Acq: 07 Sep 2019 00:03

Tgt Ion: 83 Resp: 132586
Ion Ratio Lower Upper
83 100
85 65.2 52.6 78.8





#31

Cyclohexane

Concen: 49.854 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.00 min

Lab File: VX012167.D

Acq: 07 Sep 2019 00:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

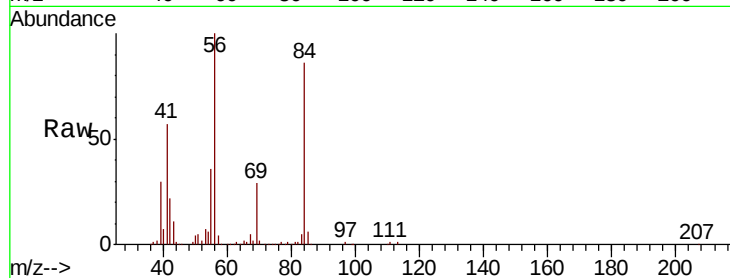
Tgt Ion: 56 Resp: 85691

Ion Ratio Lower Upper

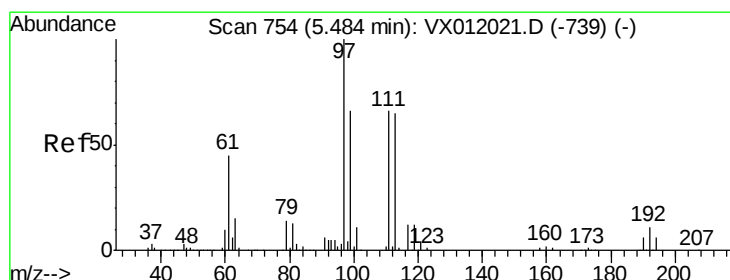
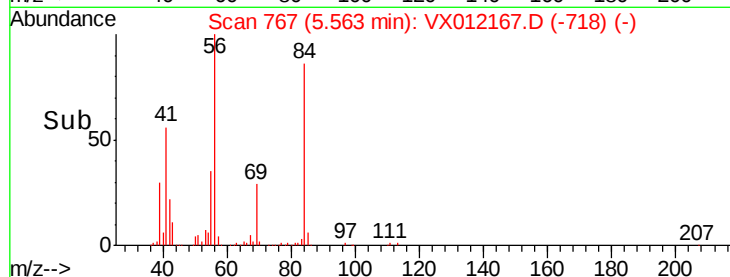
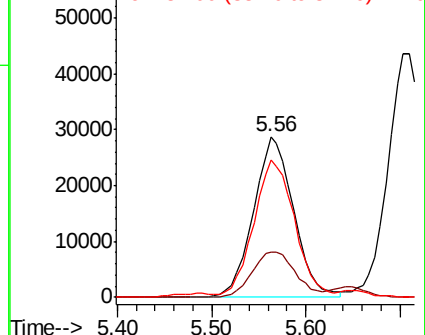
56 100

69 28.5 25.7 38.5

84 83.6 70.3 105.5



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 55.953 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.00 min

Lab File: VX012167.D

Acq: 07 Sep 2019 00:03

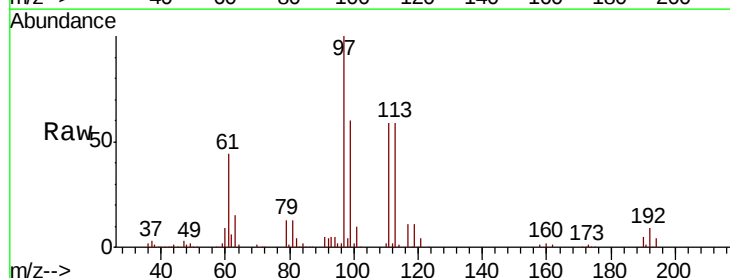
Tgt Ion: 97 Resp: 111910

Ion Ratio Lower Upper

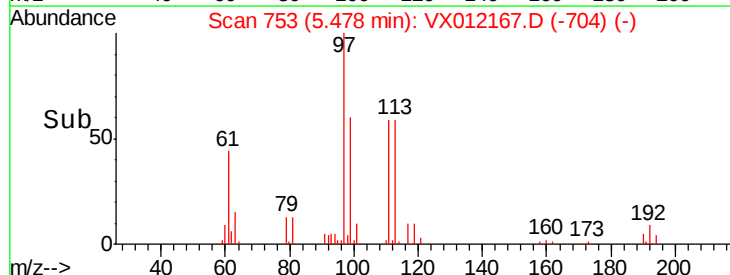
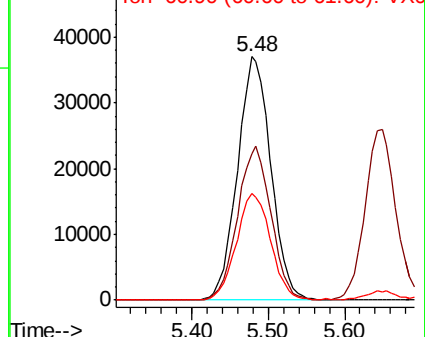
97 100

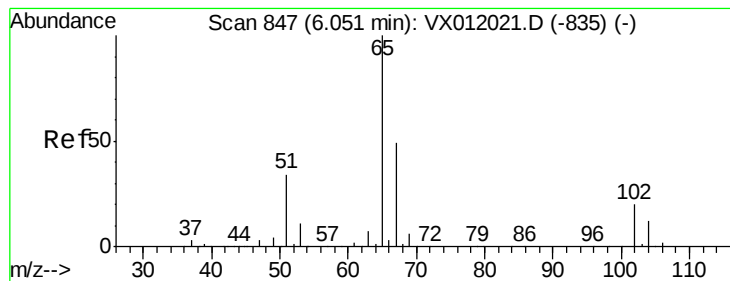
99 63.5 52.1 78.1

61 45.1 32.8 49.2



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 60.206 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.01 min

Lab File: VX012167.D

Acq: 07 Sep 2019 00:03

Instrument :

MSVOA_X

ClientSampleId :

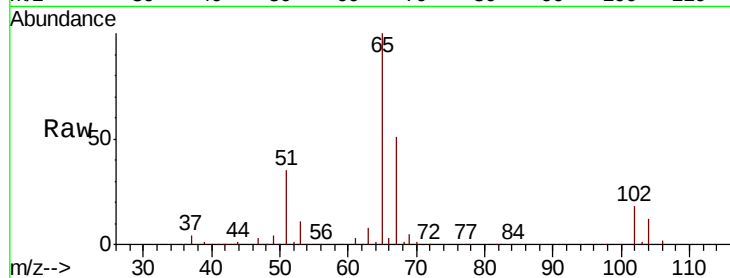
VSTDCCC050EC

Tgt Ion: 65 Resp: 84409

Ion Ratio Lower Upper

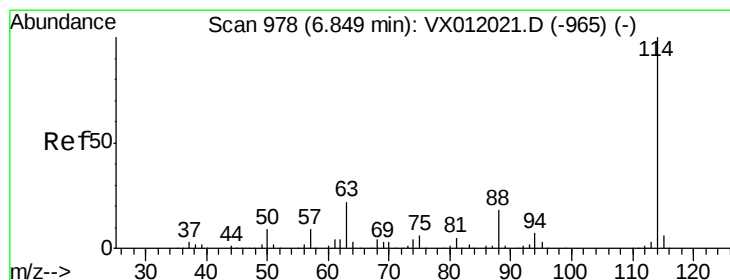
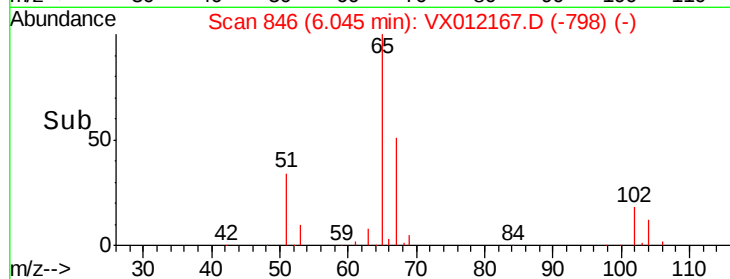
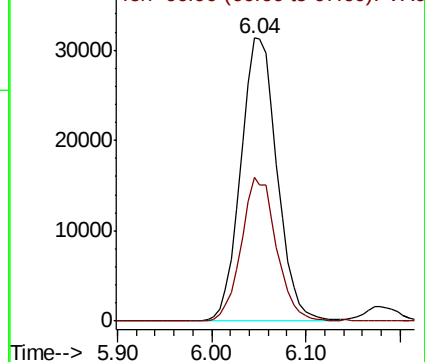
65 100

67 49.1 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX012167.D

Acq: 07 Sep 2019 00:03

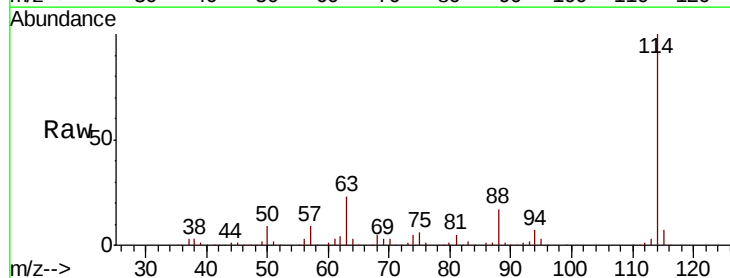
Tgt Ion: 114 Resp: 197014

Ion Ratio Lower Upper

114 100

63 22.5 0.0 37.4

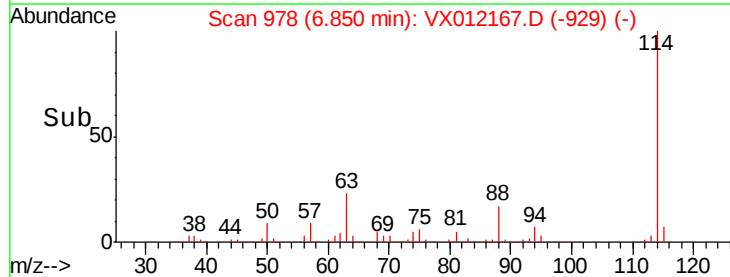
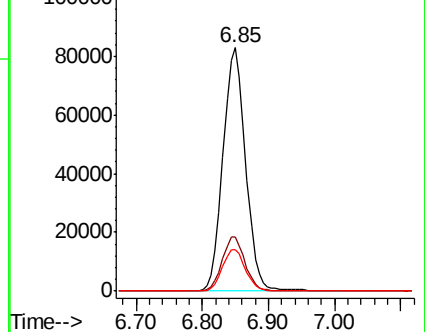
88 17.2 0.0 29.6

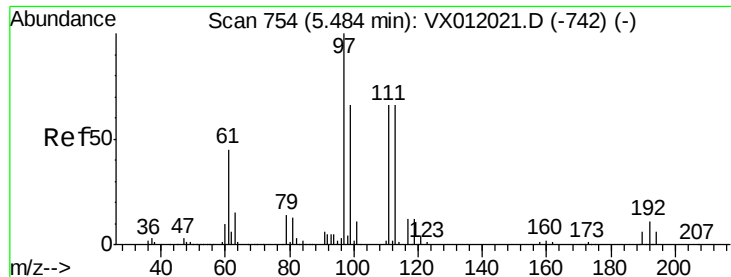


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

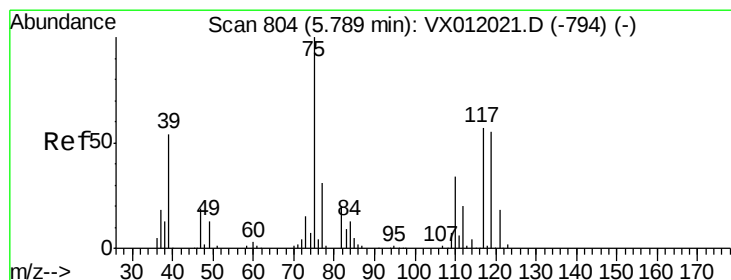
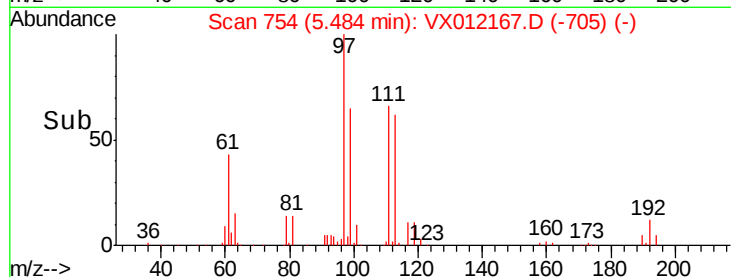
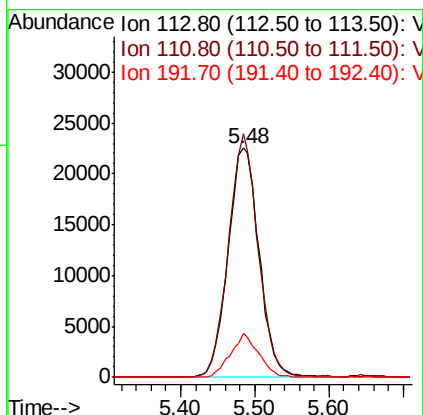
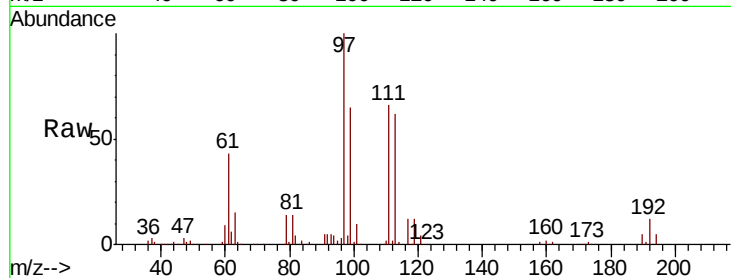




#35
 Dibromofluoromethane
 Concen: 54.302 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX012167.D
 Acq: 07 Sep 2019 00:03

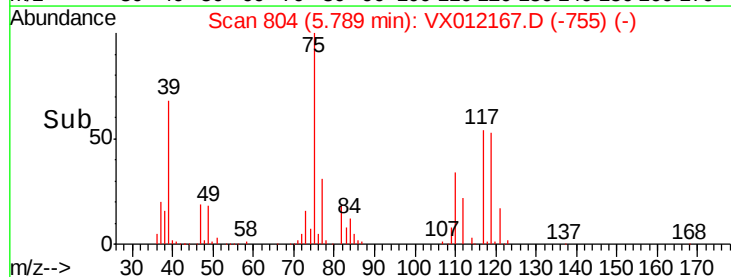
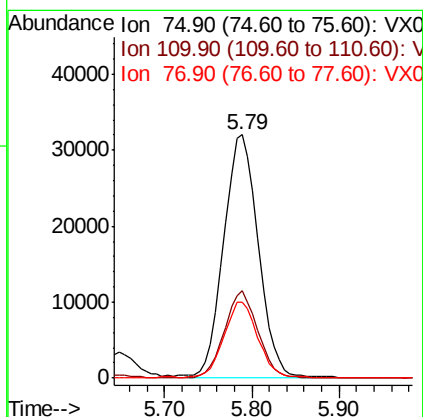
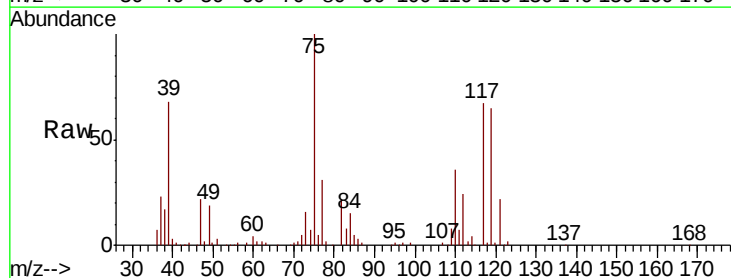
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

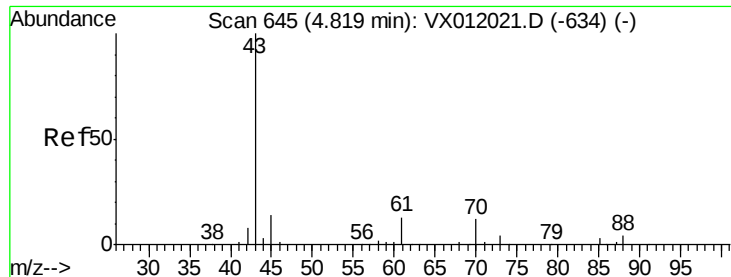
Tgt Ion:113 Resp: 65791
 Ion Ratio Lower Upper
 113 100
 111 101.4 81.7 122.5
 192 17.2 22.5 33.7#



#36
 1,1-Dichloropropene
 Concen: 51.163 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX012167.D
 Acq: 07 Sep 2019 00:03

Tgt Ion: 75 Resp: 88779
 Ion Ratio Lower Upper
 75 100
 110 34.1 19.5 58.5
 77 30.4 24.6 37.0





#37

Ethyl Acetate

Concen: 59.812 ug/l

RT: 4.82 min Scan# 645

Delta R.T. 0.01 min

Lab File: VX012167.D

Acq: 07 Sep 2019 00:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

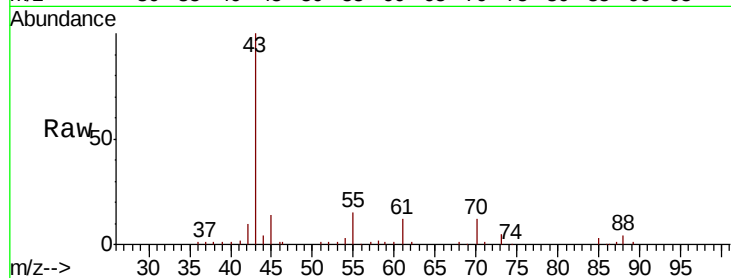
Tgt Ion: 43 Resp: 56437

Ion Ratio Lower Upper

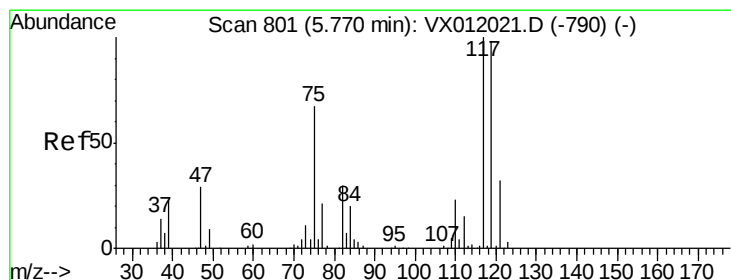
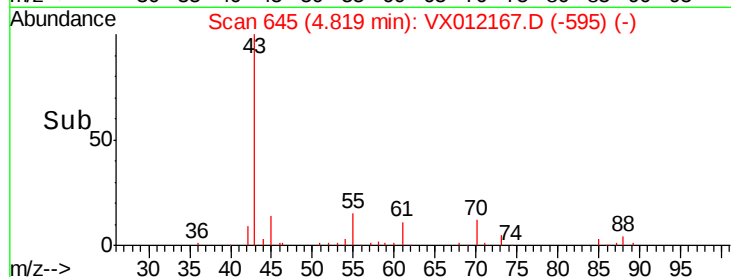
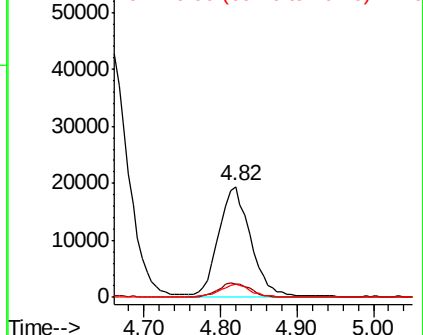
43 100

61 13.8 10.9 16.3

70 11.3 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 50.861 ug/l

RT: 5.77 min Scan# 801

Delta R.T. -0.00 min

Lab File: VX012167.D

Acq: 07 Sep 2019 00:03

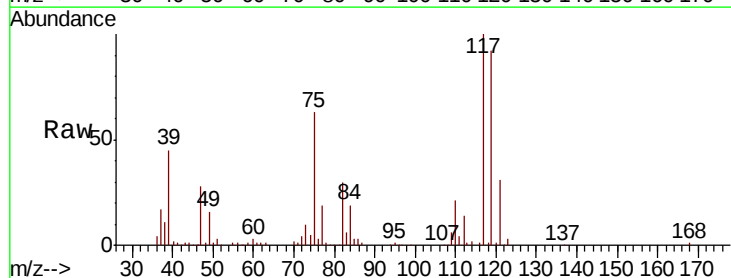
Tgt Ion: 117 Resp: 92996

Ion Ratio Lower Upper

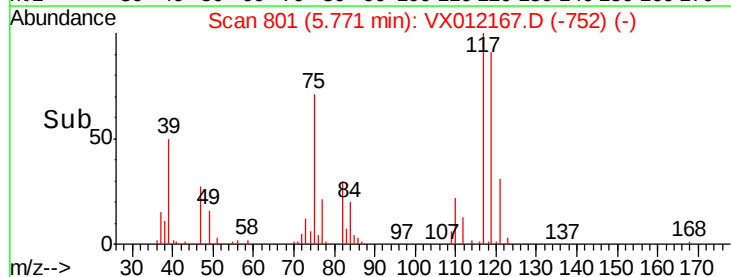
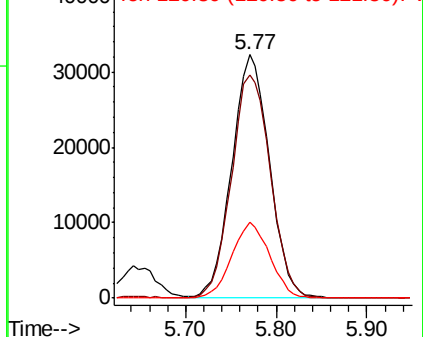
117 100

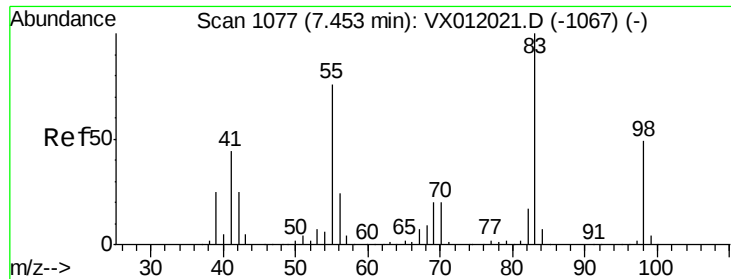
119 91.5 78.3 117.5

121 31.3 24.2 36.2



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

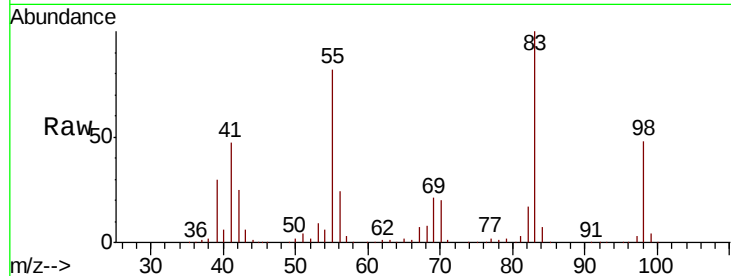




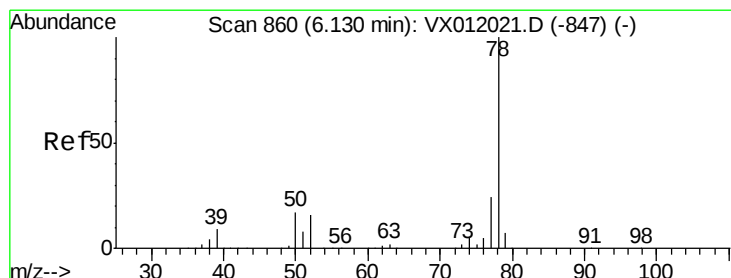
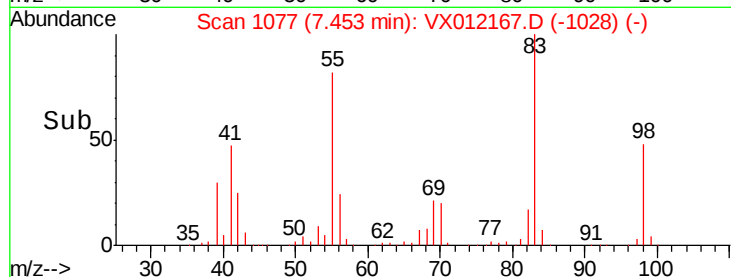
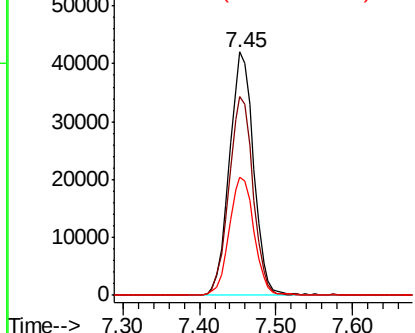
#39
Methylcyclohexane
Concen: 45.801 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX012167.D
Acq: 07 Sep 2019 00:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 92239
Ion Ratio Lower Upper
83 100
55 81.5 59.6 89.4
98 48.5 41.4 62.0

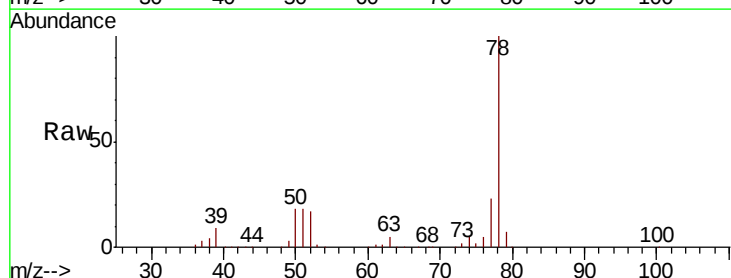


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

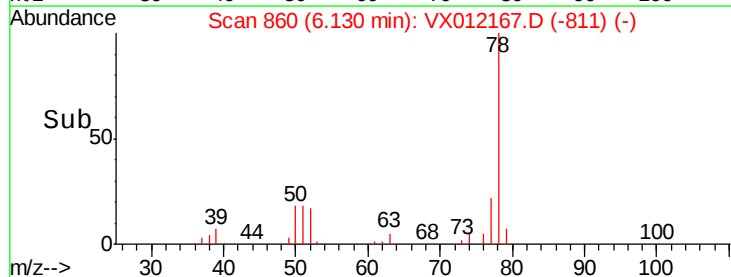
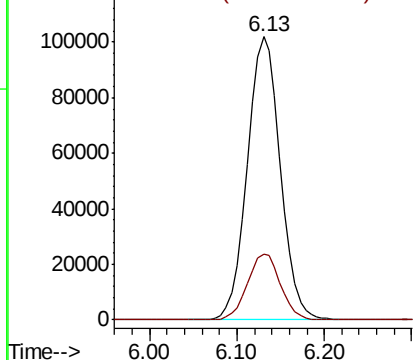


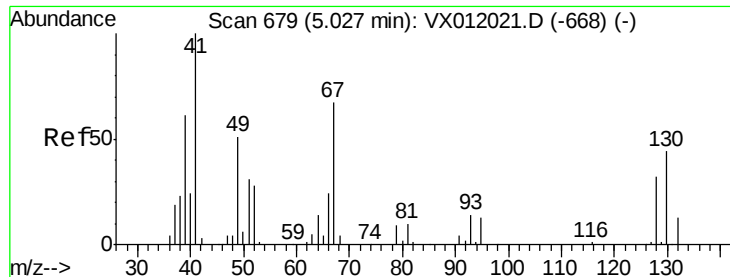
#40
Benzene
Concen: 53.636 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX012167.D
Acq: 07 Sep 2019 00:03

Tgt Ion: 78 Resp: 267184
Ion Ratio Lower Upper
78 100
77 23.1 19.3 28.9



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 58.769 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.00 min

Lab File: VX012167.D

Acq: 07 Sep 2019 00:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 33070

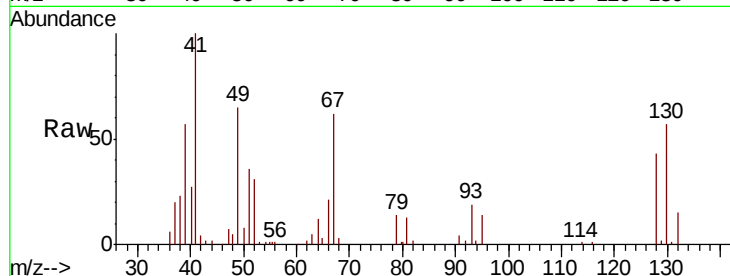
Ion Ratio Lower Upper

41 100

39 57.1 46.7 70.1

67 67.6 57.0 85.6

52 30.1 23.5 35.3



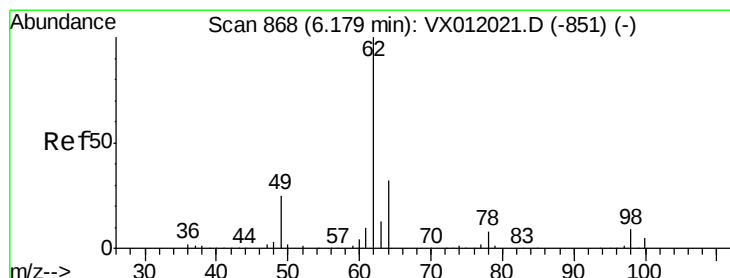
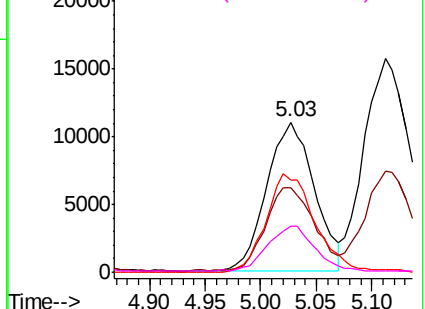
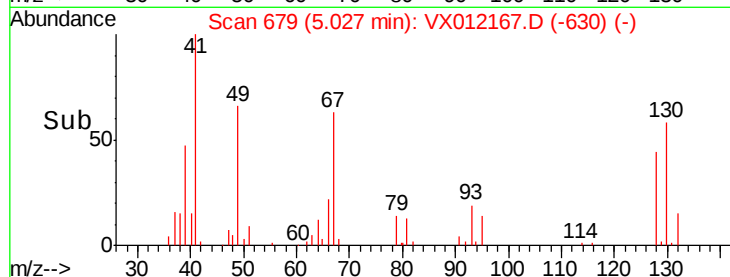
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 59.024 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX012167.D

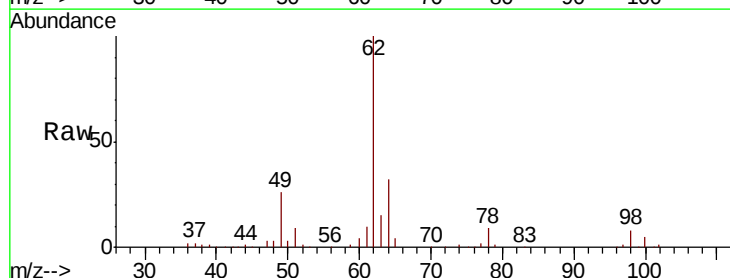
Acq: 07 Sep 2019 00:03

Tgt Ion: 62 Resp: 105808

Ion Ratio Lower Upper

62 100

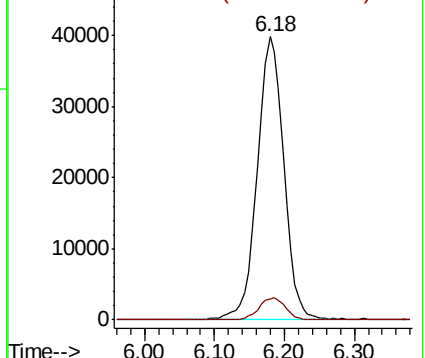
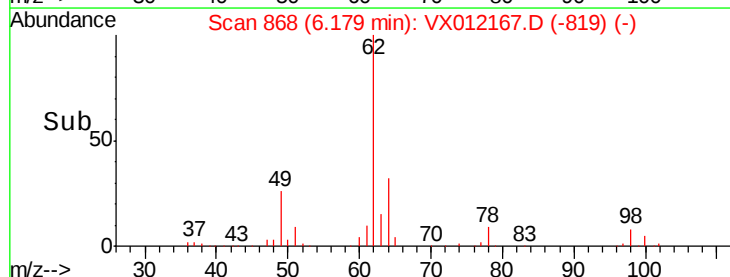
98 7.8 0.0 19.2

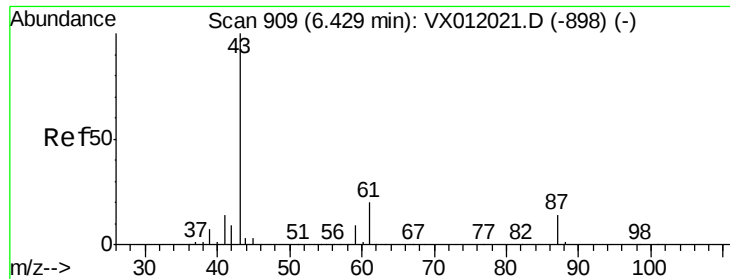


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 58.332 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.00 min

Lab File: VX012167.D

Acq: 07 Sep 2019 00:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

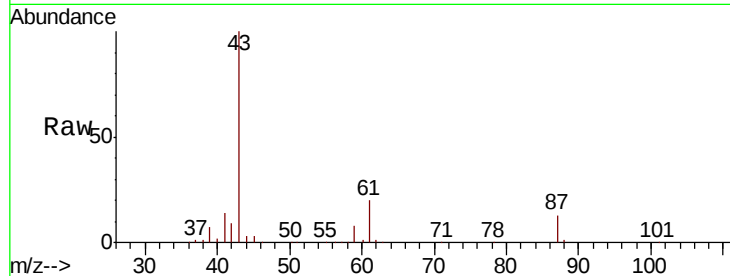
Tgt Ion: 43 Resp: 111916

Ion Ratio Lower Upper

43 100

61 19.6 16.1 24.1

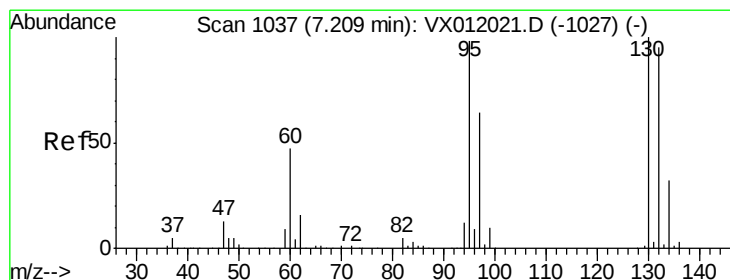
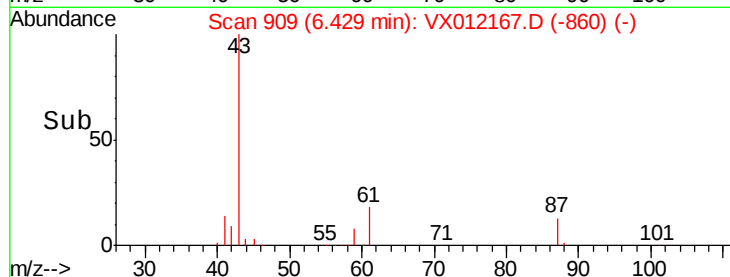
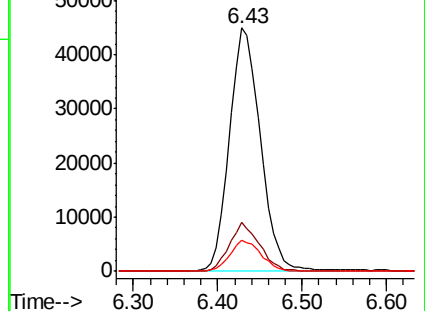
87 12.8 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 51.787 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VX012167.D

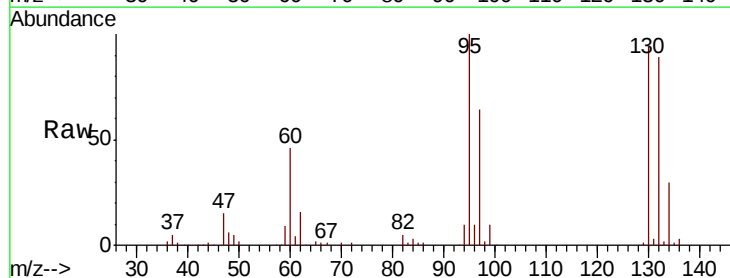
Acq: 07 Sep 2019 00:03

Tgt Ion: 130 Resp: 69581

Ion Ratio Lower Upper

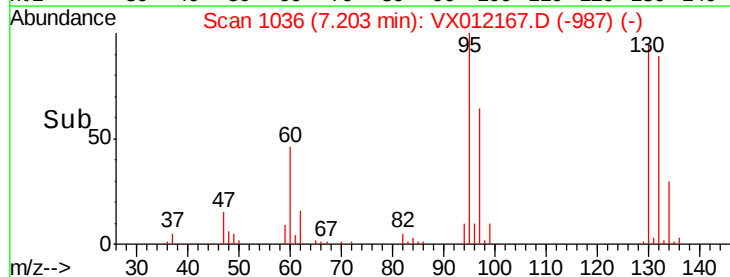
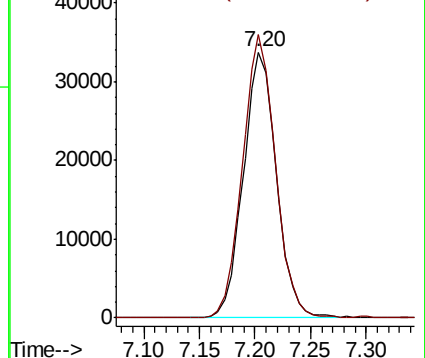
130 100

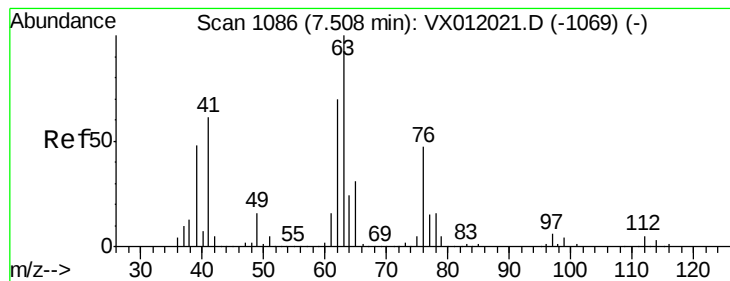
95 106.6 0.0 176.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 54.645 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX012167.D

Acq: 07 Sep 2019 00:03

Instrument :

MSVOA_X

ClientSampleId :

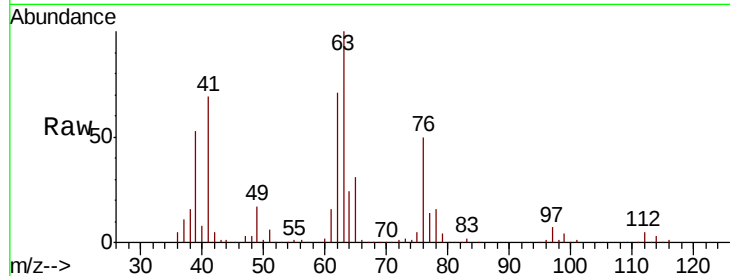
VSTDCCC050EC

Tgt Ion: 63 Resp: 70329

Ion Ratio Lower Upper

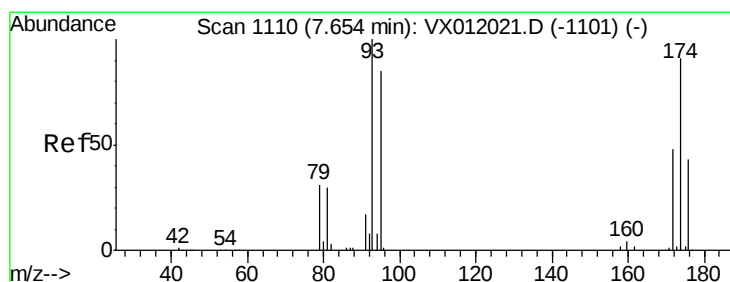
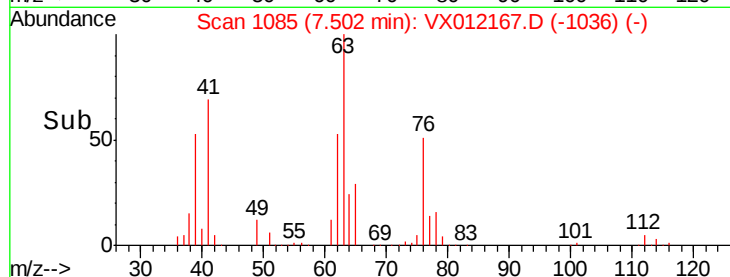
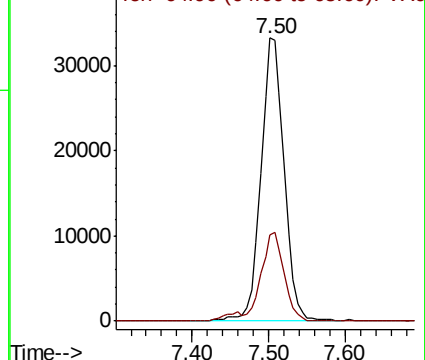
63 100

65 30.7 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 56.699 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX012167.D

Acq: 07 Sep 2019 00:03

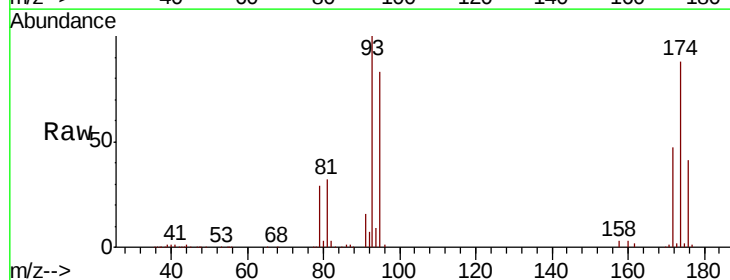
Tgt Ion: 93 Resp: 42599

Ion Ratio Lower Upper

93 100

95 80.8 66.2 99.2

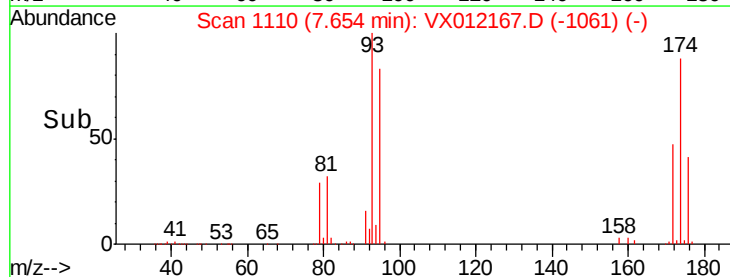
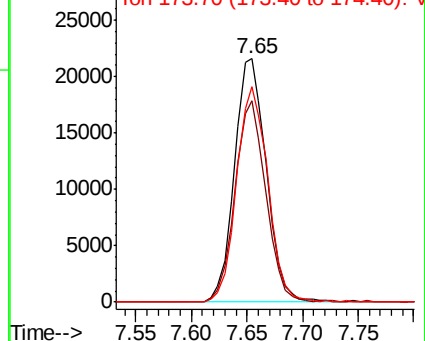
174 87.0 110.2 165.4#

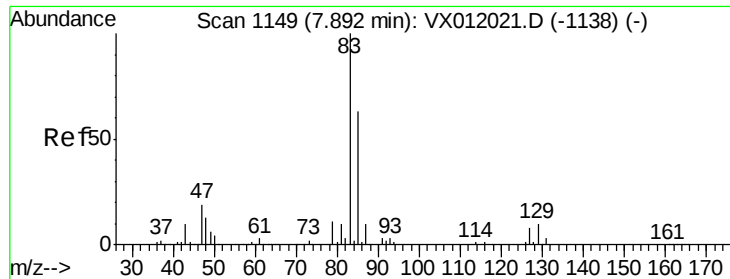


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 54.924 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX012167.D

Acq: 07 Sep 2019 00:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

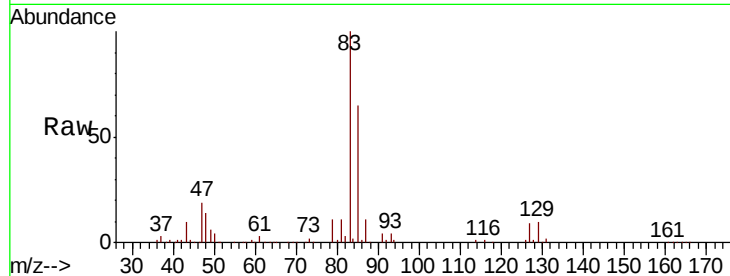
Tgt Ion: 83 Resp: 104890

Ion Ratio Lower Upper

83 100

85 64.7 50.3 75.5

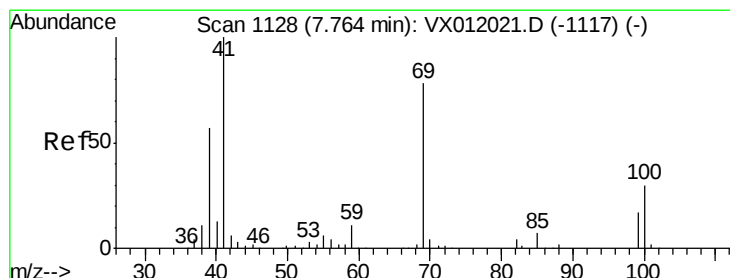
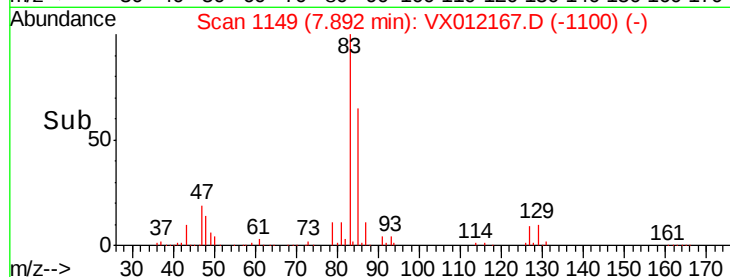
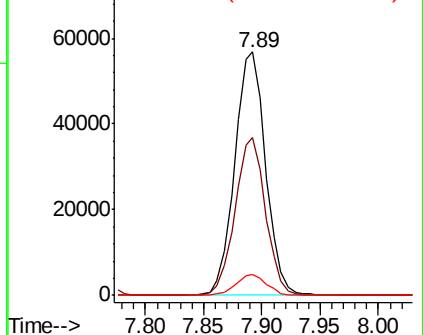
127 8.7 8.1 12.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 58.627 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX012167.D

Acq: 07 Sep 2019 00:03

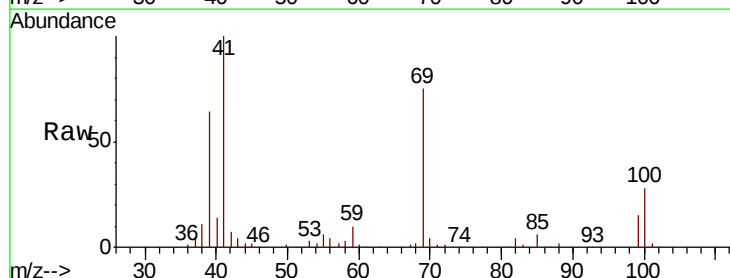
Tgt Ion: 41 Resp: 56557

Ion Ratio Lower Upper

41 100

69 74.7 66.3 99.5

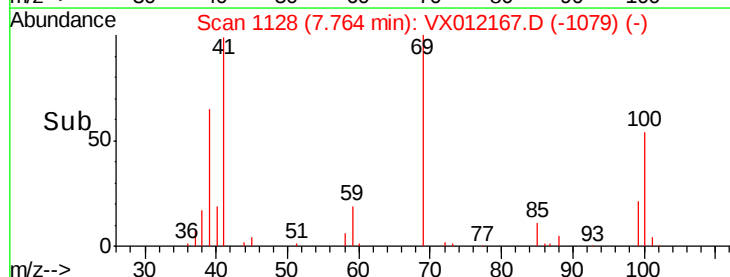
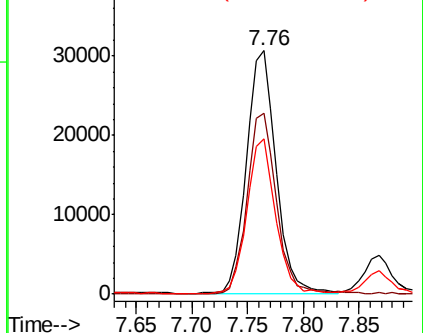
39 61.5 48.1 72.1

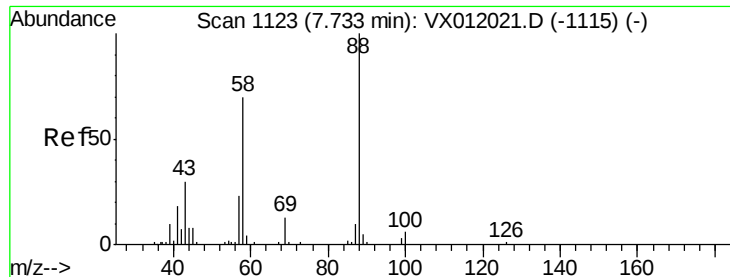


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

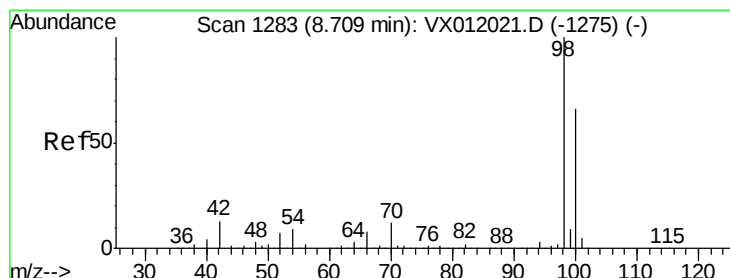
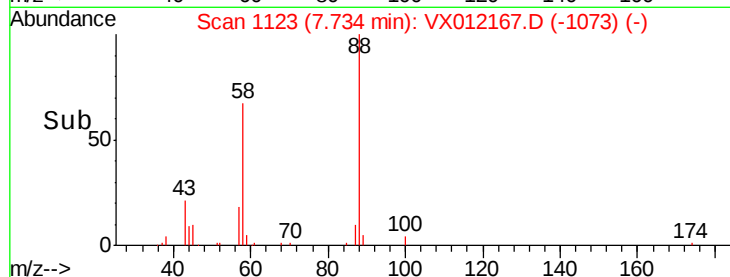
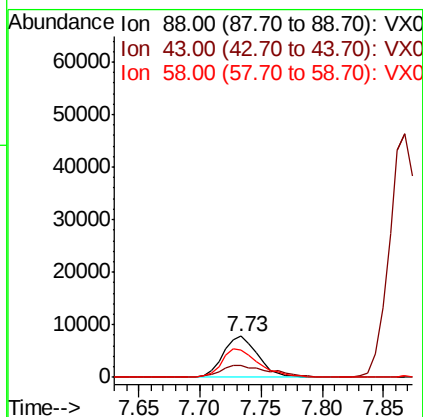
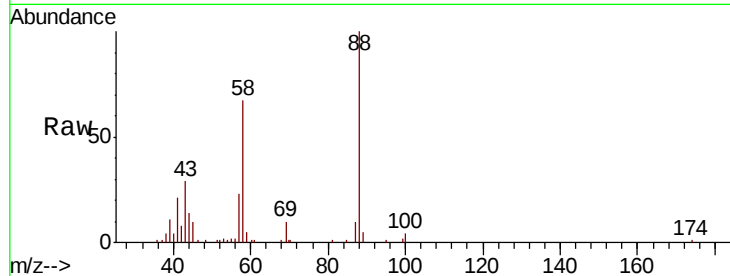




#49
1,4-Dioxane
Concen: 1169.957 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.01 min
Lab File: VX012167.D
Acq: 07 Sep 2019 00:03

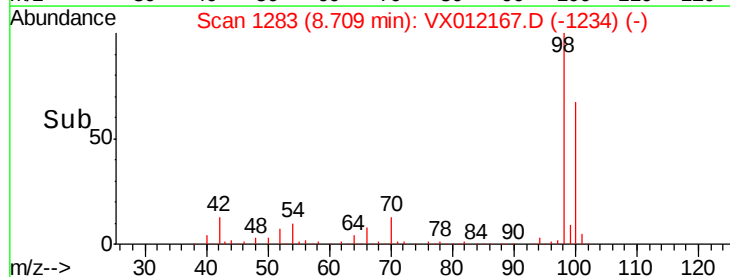
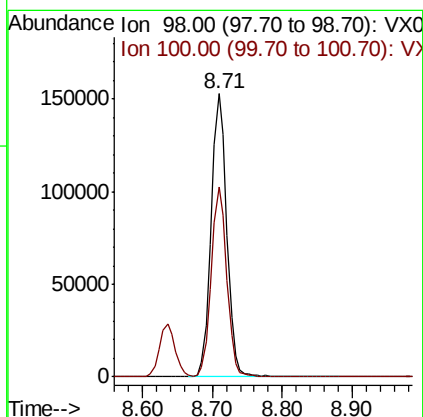
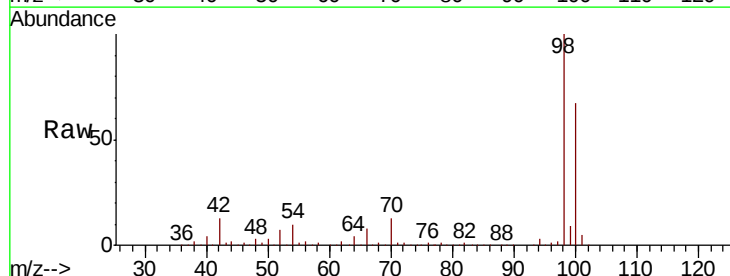
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 15386
Ion Ratio Lower Upper
88 100
43 38.6 29.8 44.6
58 72.9 55.4 83.2



#50
Toluene-d8
Concen: 53.604 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012167.D
Acq: 07 Sep 2019 00:03

Tgt Ion: 98 Resp: 238322
Ion Ratio Lower Upper
98 100
100 66.5 53.3 79.9





#51

4-Methyl-2-Pentanone

Concen: 293.870 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012167.D

Acq: 07 Sep 2019 00:03

Instrument :

MSVOA_X

ClientSampleId :

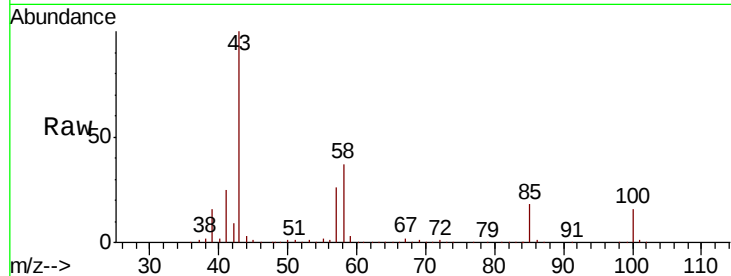
VSTDCCC050EC

Tgt Ion: 43 Resp: 286783

Ion Ratio Lower Upper

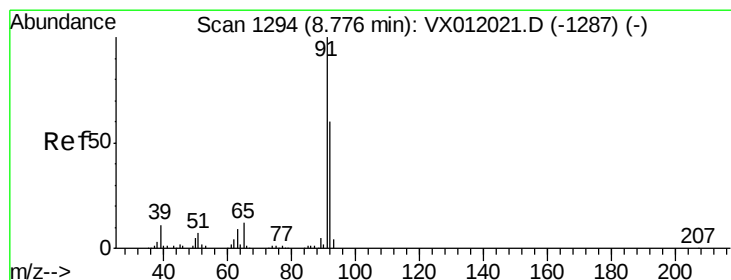
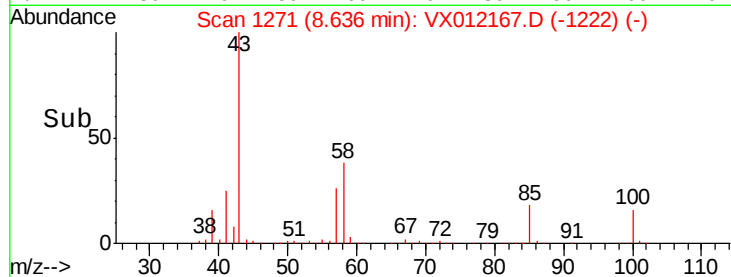
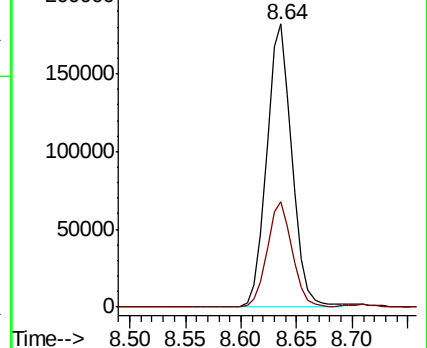
43 100

58 37.2 31.5 47.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 53.394 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX012167.D

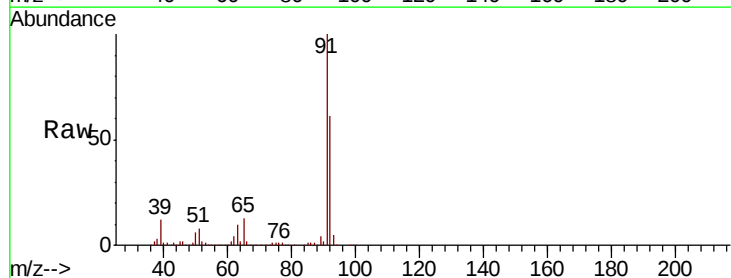
Acq: 07 Sep 2019 00:03

Tgt Ion: 92 Resp: 173058

Ion Ratio Lower Upper

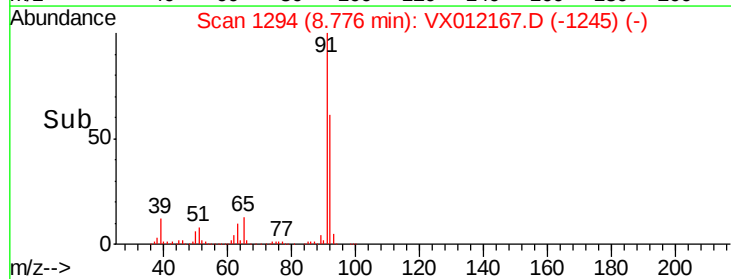
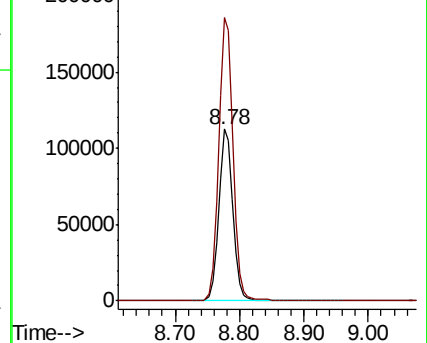
92 100

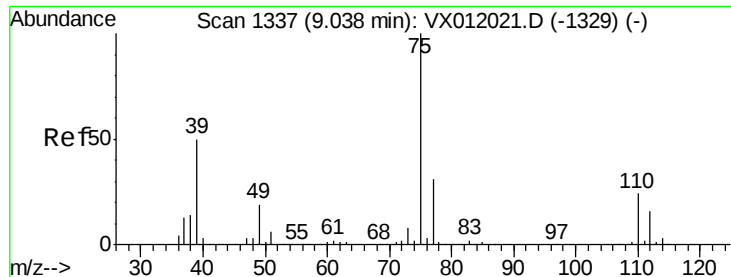
91 168.2 136.0 204.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

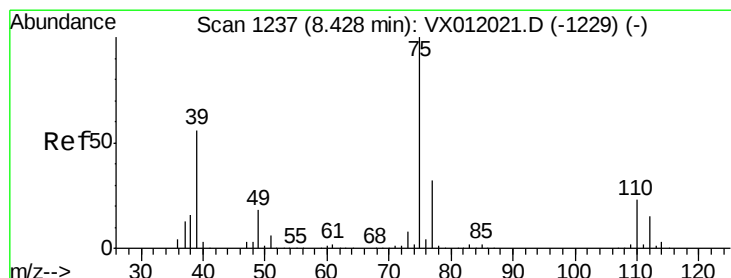
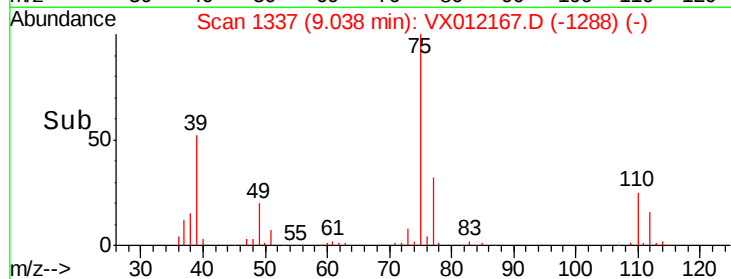
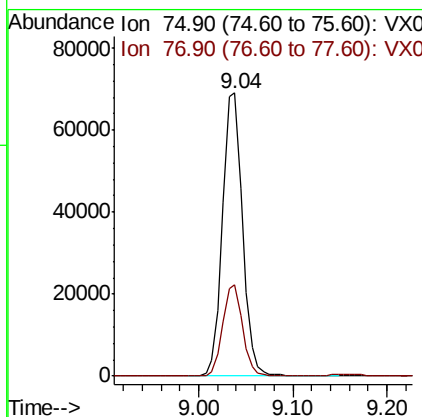
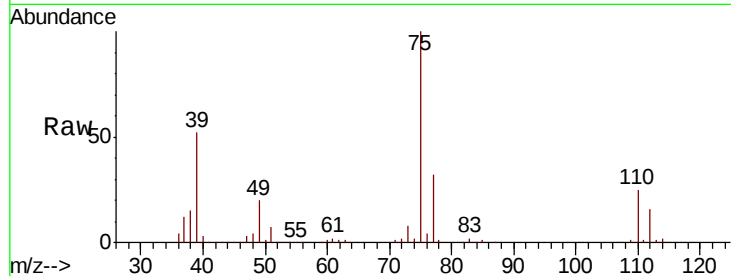




#53
 t-1,3-Dichloropropene
 Concen: 51.715 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. -0.00 min
 Lab File: VX012167.D
 Acq: 07 Sep 2019 00:03

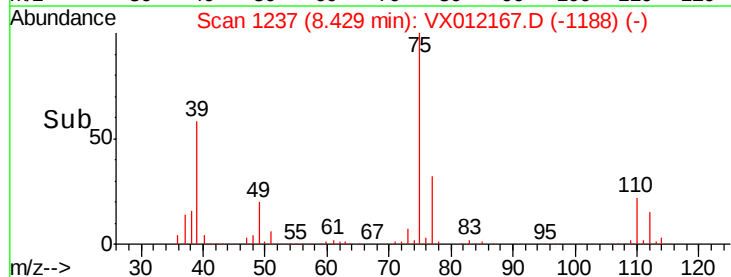
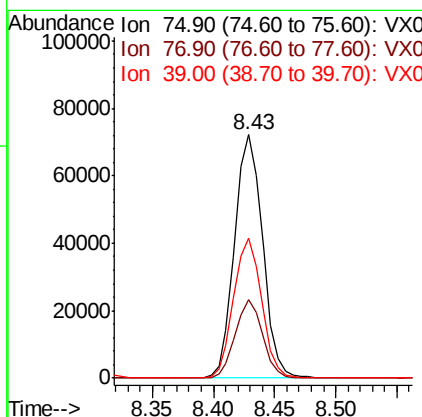
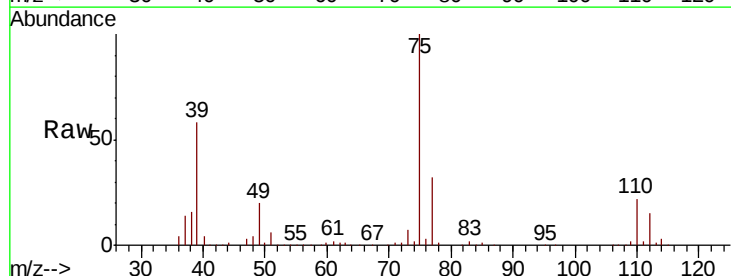
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

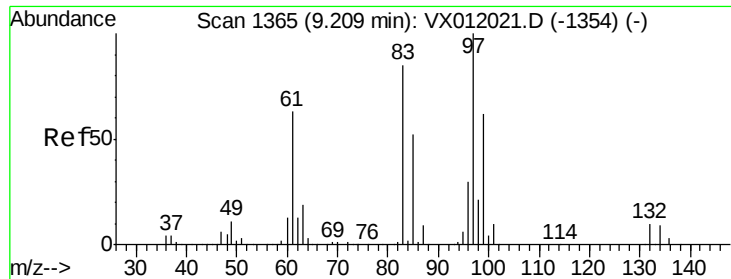
Tgt Ion: 75 Resp: 102247
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 52.122 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX012167.D
 Acq: 07 Sep 2019 00:03

Tgt Ion: 75 Resp: 114597
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.5 38.3
 39 57.3 43.0 64.4

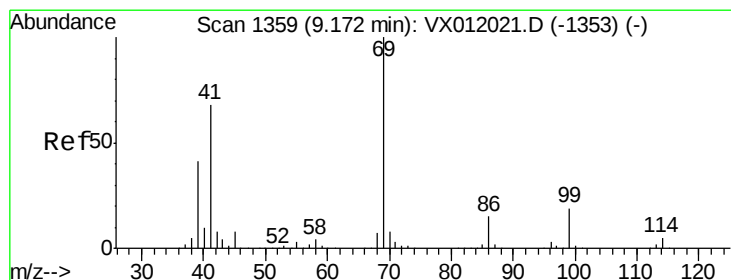
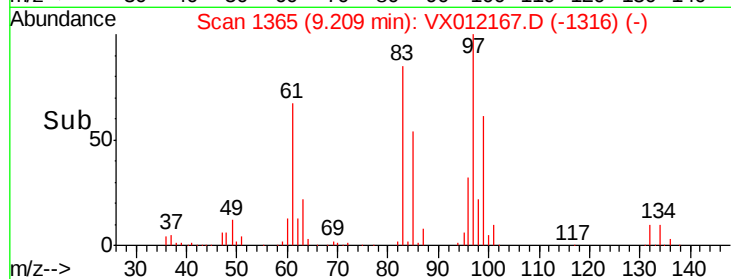
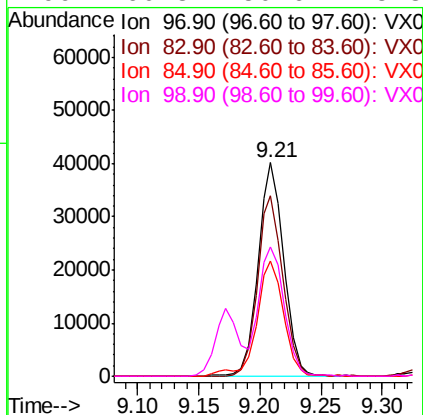
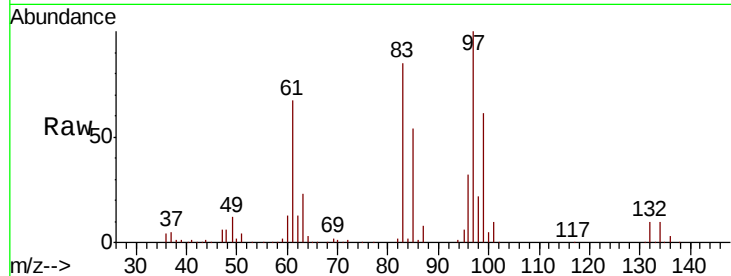




#55
 1,1,2-Trichloroethane
 Concen: 54.834 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012167.D
 Acq: 07 Sep 2019 00:03

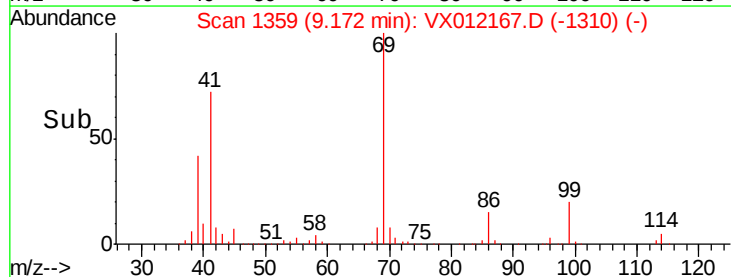
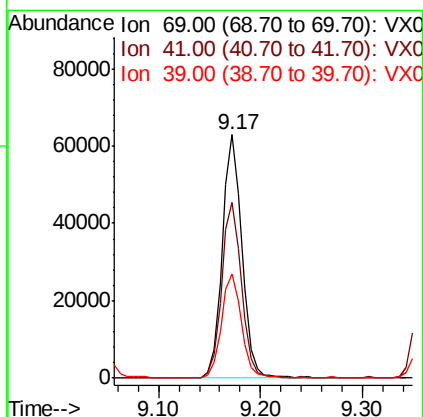
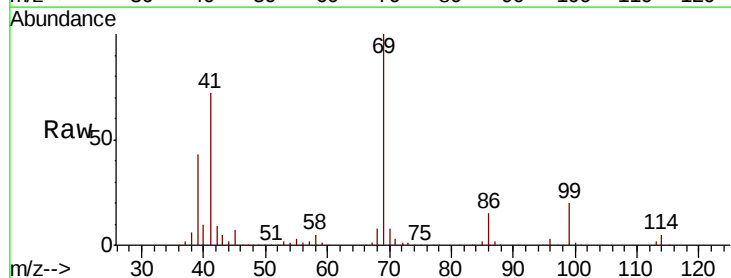
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

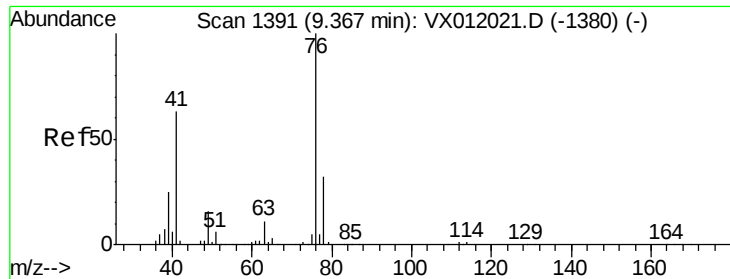
Tgt Ion:	97	Resp:	58899
Ion	Ratio	Lower	Upper
97	100		
83	84.6	66.0	99.0
85	53.8	41.0	61.6
99	60.8	50.6	75.8



#56
 Ethyl methacrylate
 Concen: 55.053 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX012167.D
 Acq: 07 Sep 2019 00:03

Tgt Ion:	69	Resp:	84702
Ion	Ratio	Lower	Upper
69	100		
41	72.9	53.9	80.9
39	43.0	31.1	46.7





#57

1,3-Dichloropropane

Concen: 56.214 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX012167.D

Acq: 07 Sep 2019 00:03

Instrument :

MSVOA_X

ClientSampleId :

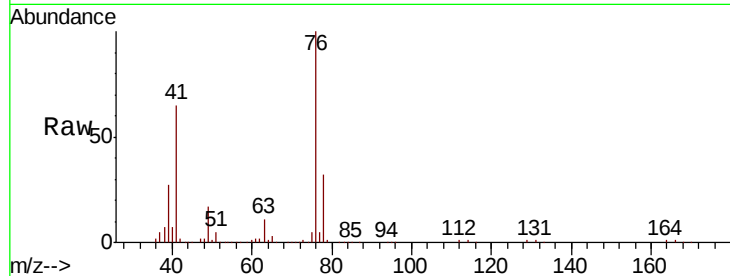
VSTDCCC050EC

Tgt Ion: 76 Resp: 104193

Ion Ratio Lower Upper

76 100

78 32.3 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

80000

60000

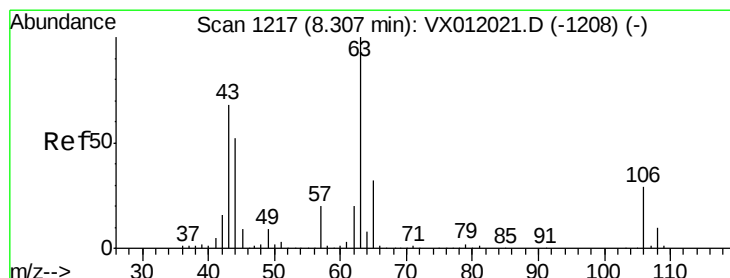
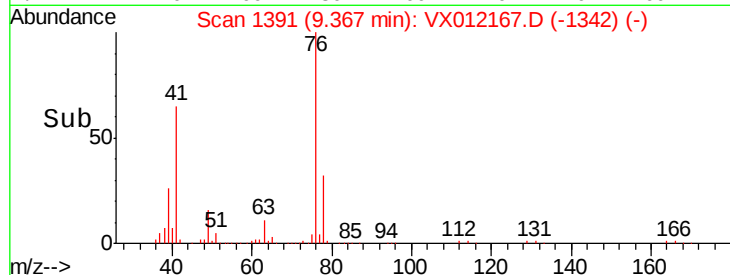
40000

20000

0

9.30 9.40 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 251.317 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX012167.D

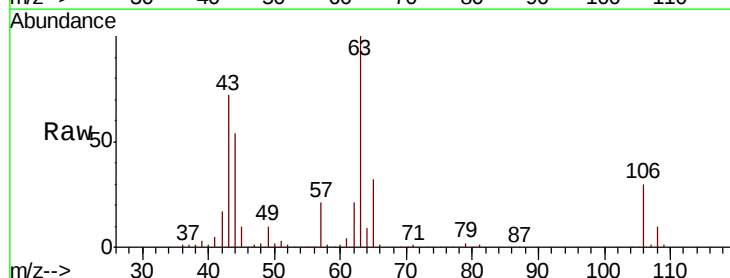
Acq: 07 Sep 2019 00:03

Tgt Ion: 63 Resp: 174323

Ion Ratio Lower Upper

63 100

106 29.4 26.5 39.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

120000

100000

80000

60000

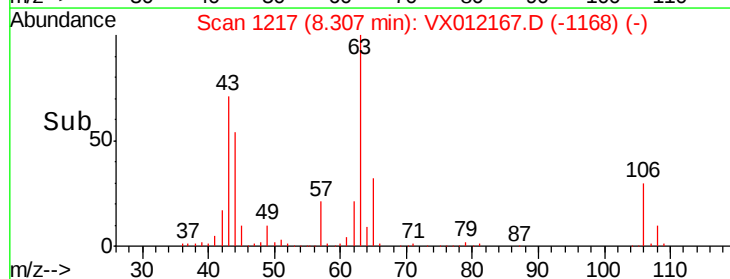
40000

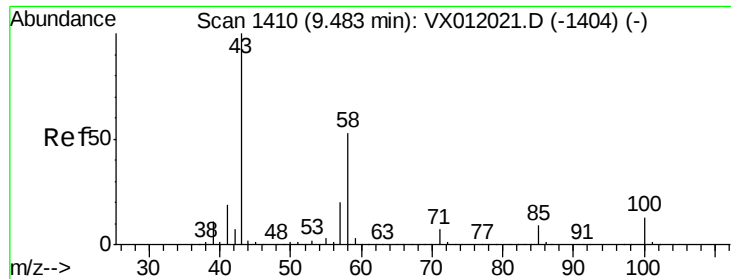
20000

0

8.20 8.30 8.40

Time-->

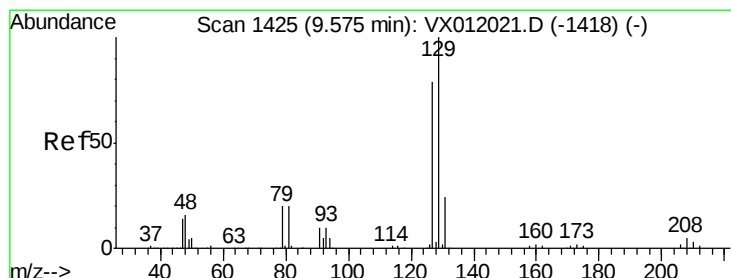
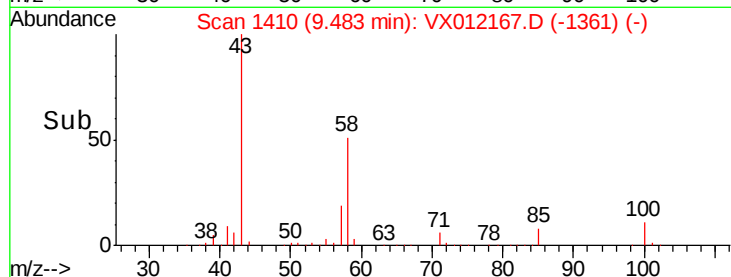
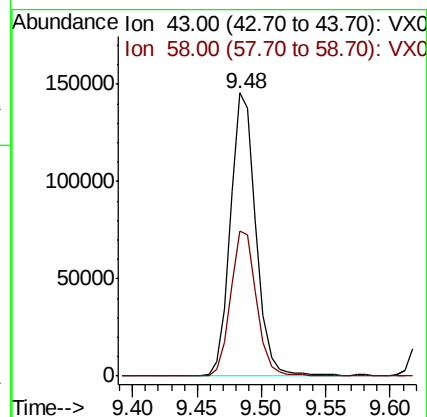
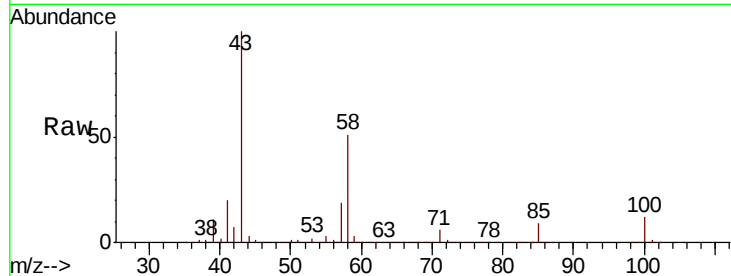




#59
2-Hexanone
Concen: 282.961 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX012167.D
Acq: 07 Sep 2019 00:03

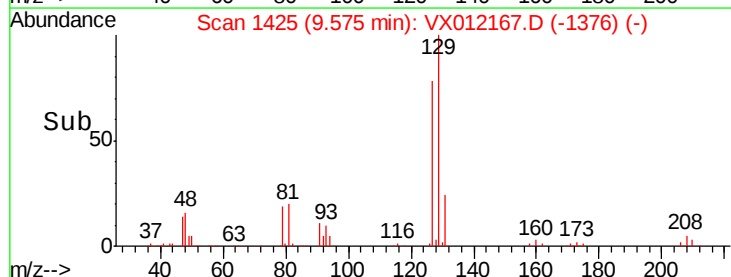
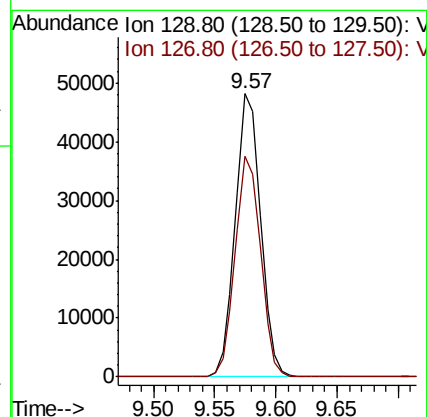
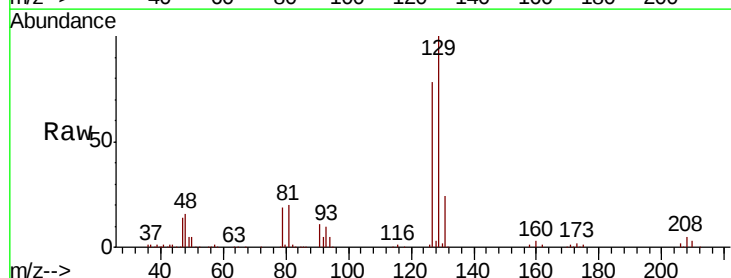
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

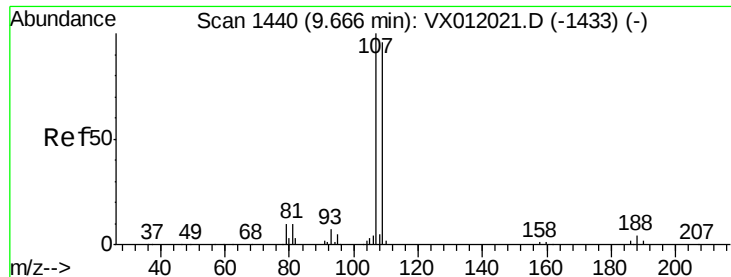
Tgt Ion: 43 Resp: 201491
Ion Ratio Lower Upper
43 100
58 52.7 27.2 81.6



#60
Dibromochloromethane
Concen: 53.730 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX012167.D
Acq: 07 Sep 2019 00:03

Tgt Ion: 129 Resp: 68782
Ion Ratio Lower Upper
129 100
127 78.5 38.1 114.5





#61

1,2-Dibromoethane

Concen: 56.848 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012167.D

Acq: 07 Sep 2019 00:03

Instrument :

MSVOA_X

ClientSampleId :

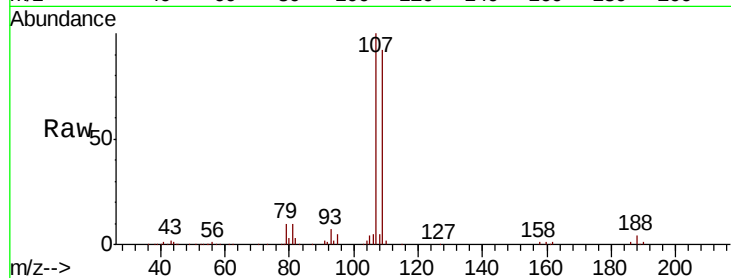
VSTDCCC050EC

Tgt Ion: 107 Resp: 59004

Ion Ratio Lower Upper

107 100

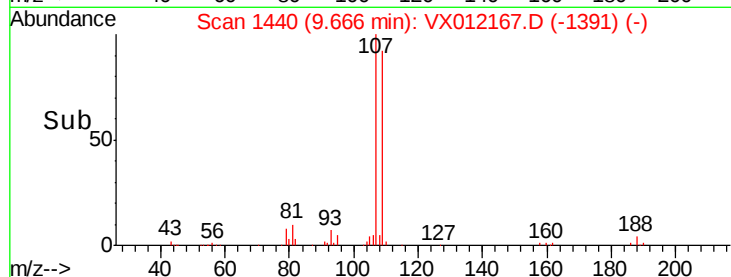
109 91.8 76.9 115.3



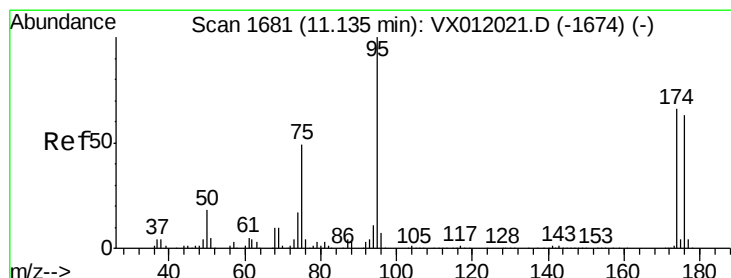
Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67



Time-->



#62

4-Bromofluorobenzene

Concen: 51.157 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX012167.D

Acq: 07 Sep 2019 00:03

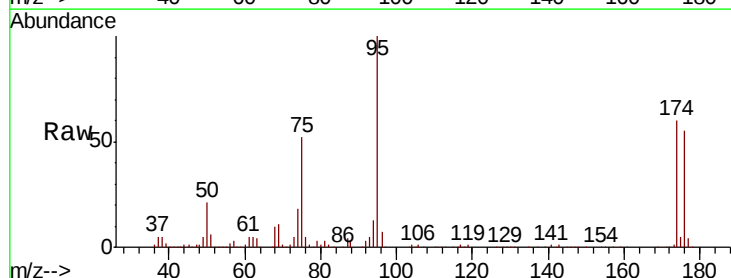
Tgt Ion: 95 Resp: 105774

Ion Ratio Lower Upper

95 100

174 64.4 0.0 205.4

176 61.4 0.0 201.8

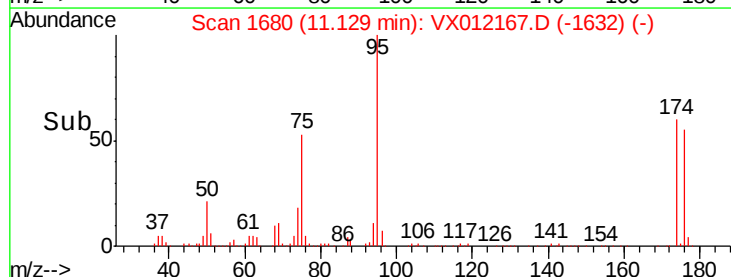


Abundance Ion 94.90 (94.60 to 95.60): VX0

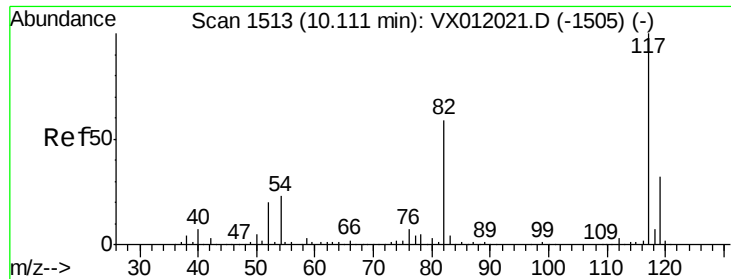
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13



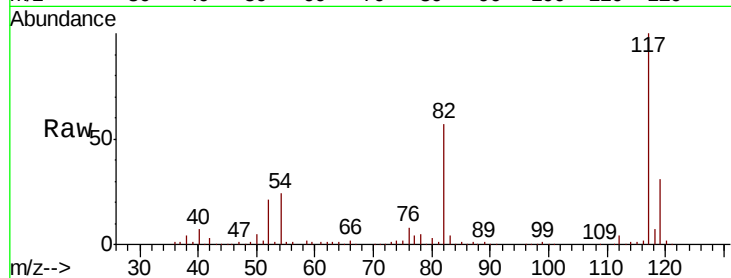
Time-->



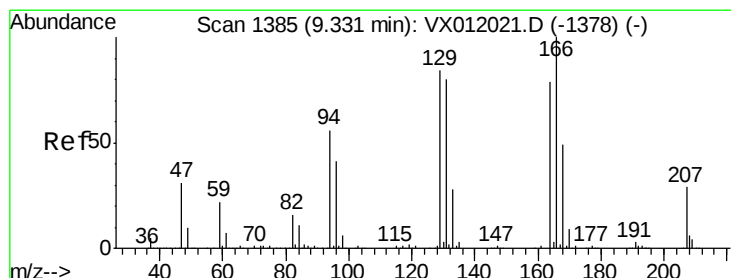
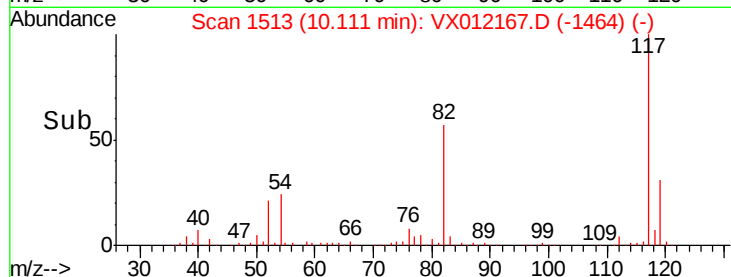
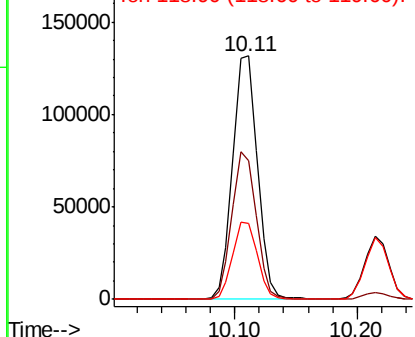
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012167.D
Acq: 07 Sep 2019 00:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 184575
Ion Ratio Lower Upper
117 100
82 57.0 39.4 59.0
119 31.2 26.1 39.1

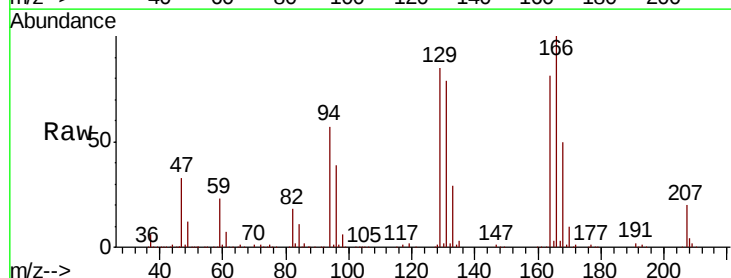


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

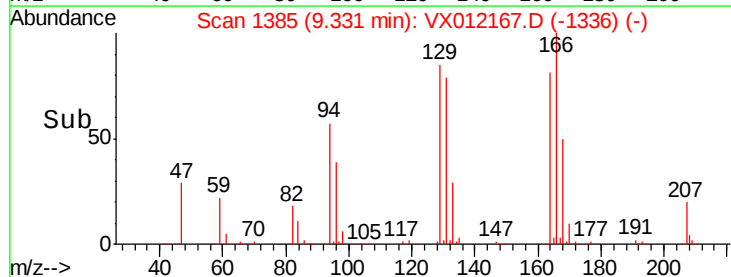
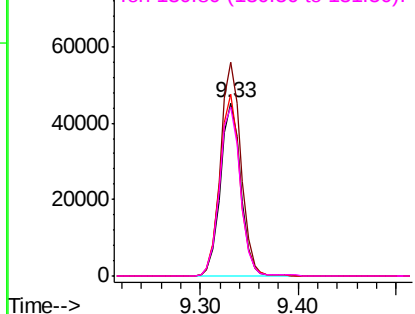


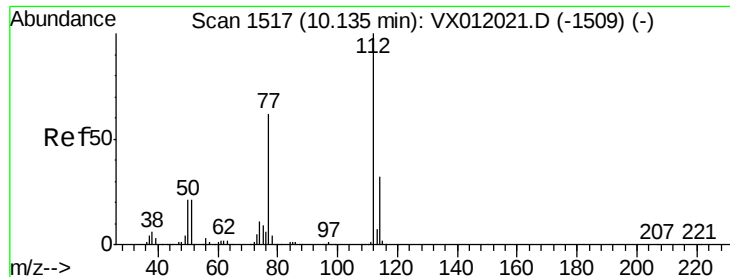
#64
Tetrachloroethene
Concen: 56.832 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012167.D
Acq: 07 Sep 2019 00:03

Tgt Ion:164 Resp: 65397
Ion Ratio Lower Upper
164 100
166 123.6 104.3 156.5
129 105.3 68.3 102.5#
131 98.0 65.4 98.0



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

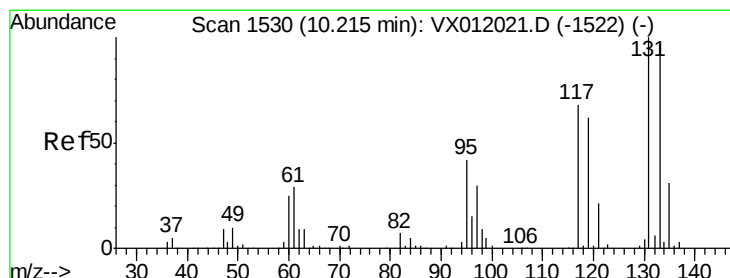
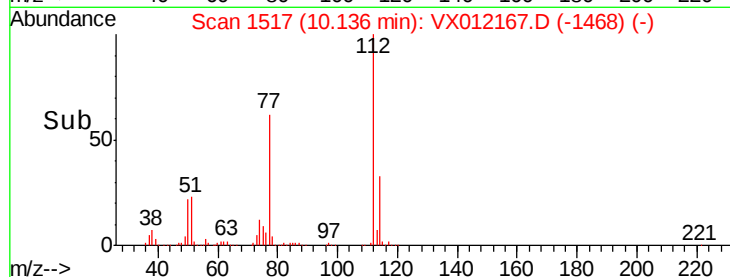
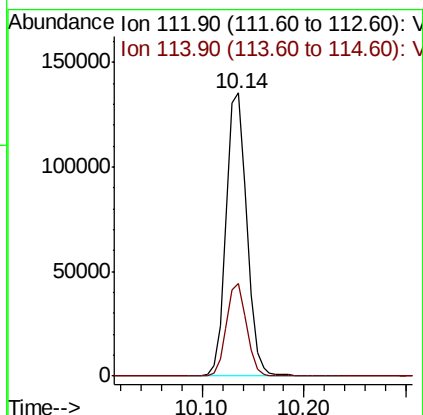
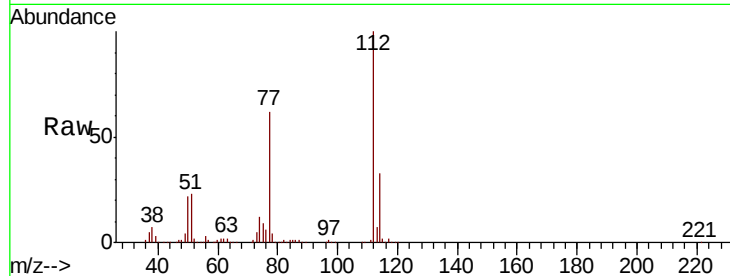




#65
Chlorobenzene
Concen: 52.036 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012167.D
Acq: 07 Sep 2019 00:03

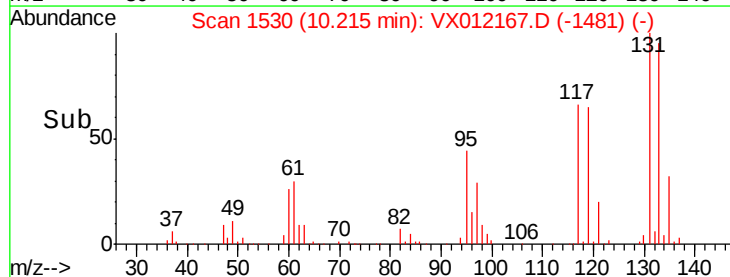
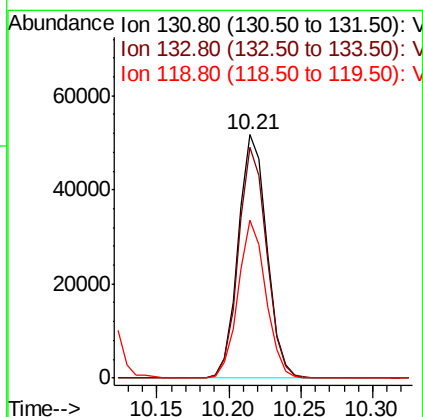
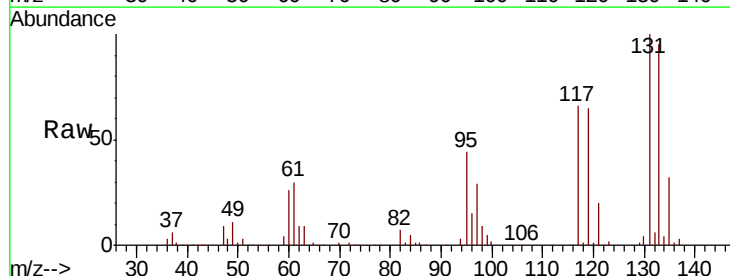
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

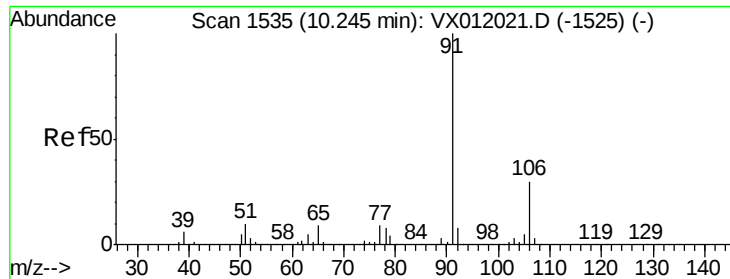
Tgt Ion:112 Resp: 189504
Ion Ratio Lower Upper
112 100
114 32.7 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 53.579 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX012167.D
Acq: 07 Sep 2019 00:03

Tgt Ion:131 Resp: 71347
Ion Ratio Lower Upper
131 100
133 94.1 48.4 145.0
119 63.0 30.5 91.5

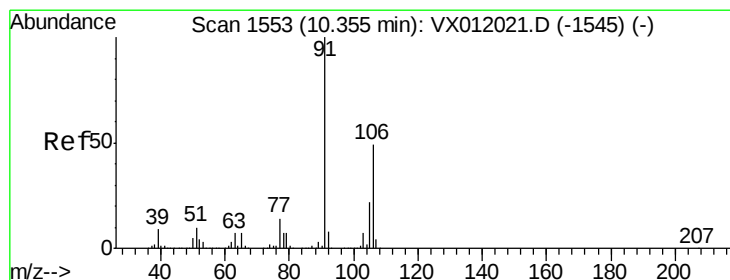
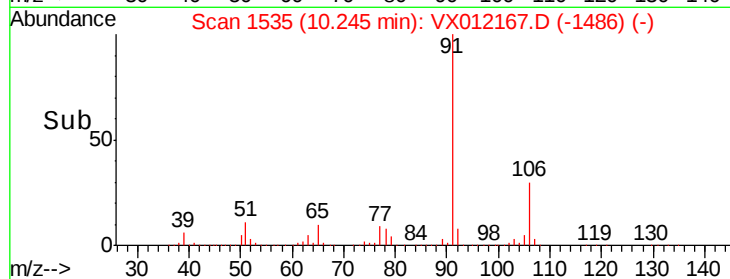
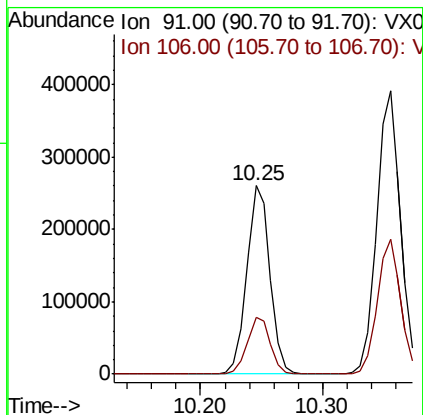
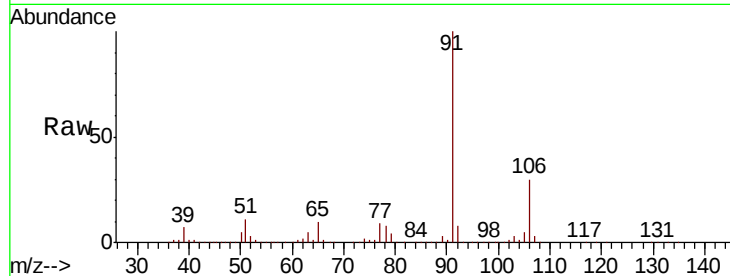




#67
Ethyl Benzene
Concen: 51.434 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX012167.D
Acq: 07 Sep 2019 00:03

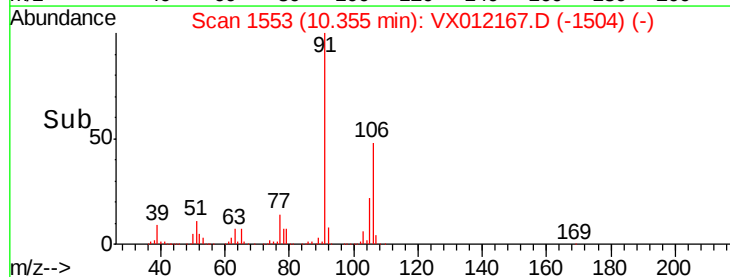
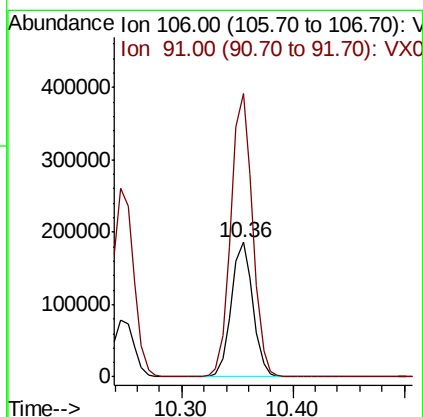
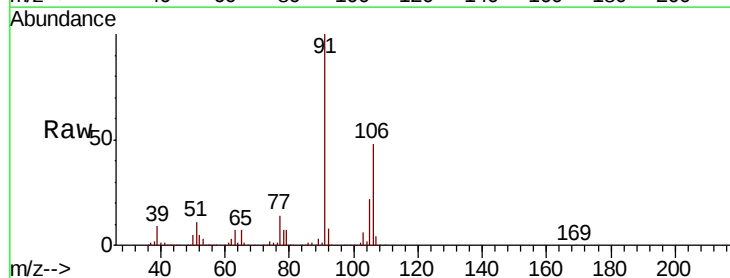
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

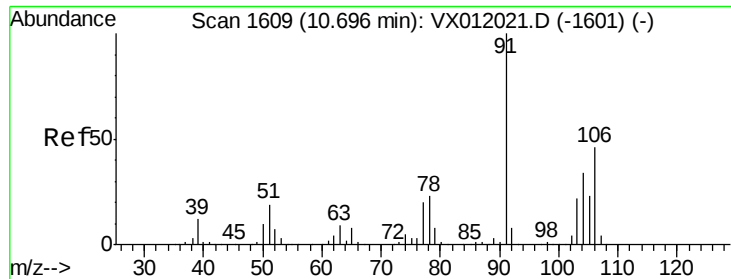
Tgt Ion: 91 Resp: 341431
Ion Ratio Lower Upper
91 100
106 30.2 25.8 38.8



#68
m/p-Xylenes
Concen: 101.695 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012167.D
Acq: 07 Sep 2019 00:03

Tgt Ion: 106 Resp: 248725
Ion Ratio Lower Upper
106 100
91 212.1 157.5 236.3

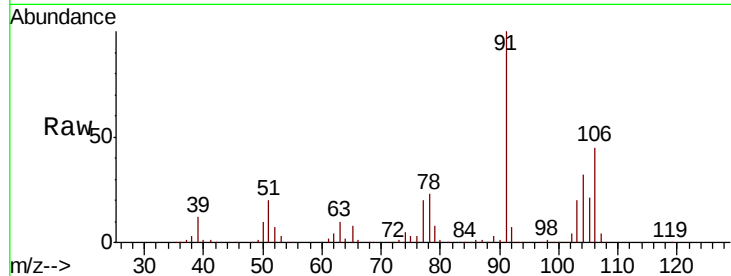




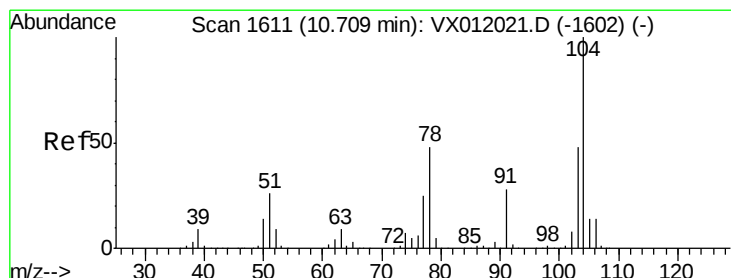
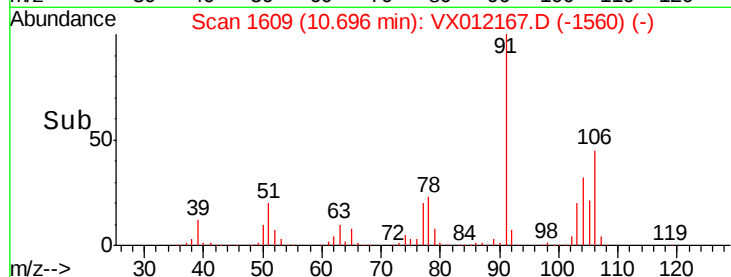
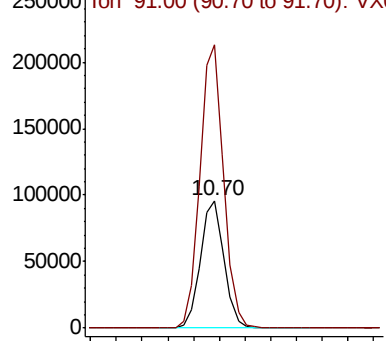
#69
o-Xylene
Concen: 51.703 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012167.D
Acq: 07 Sep 2019 00:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 122621
Ion Ratio Lower Upper
106 100
91 223.5 103.5 310.3

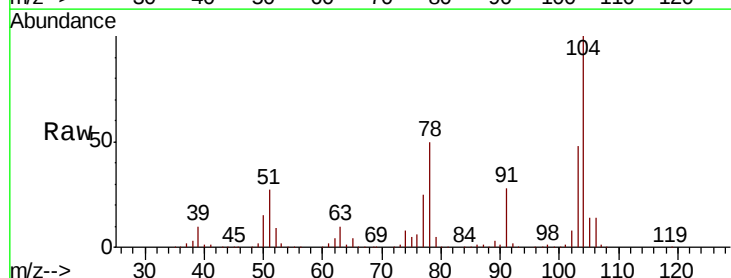


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

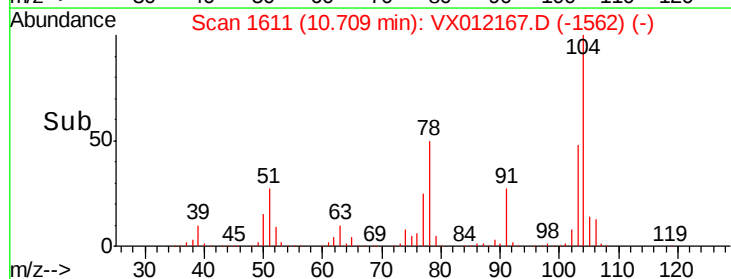
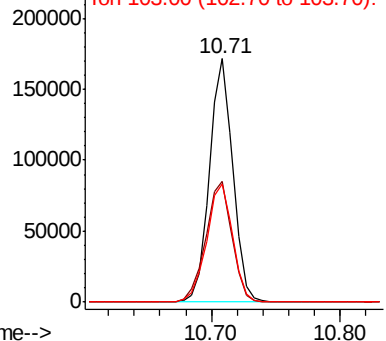


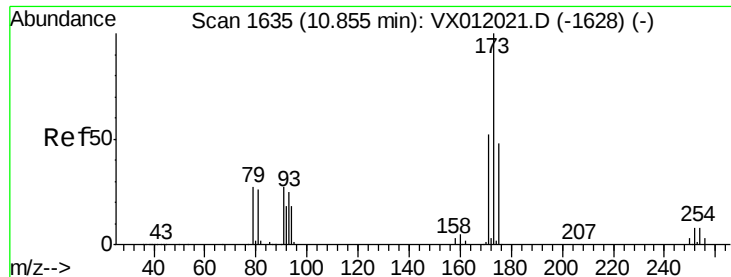
#70
Styrene
Concen: 52.375 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012167.D
Acq: 07 Sep 2019 00:03

Tgt Ion:104 Resp: 215753
Ion Ratio Lower Upper
104 100
78 56.2 39.1 58.7
103 54.3 43.4 65.2



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

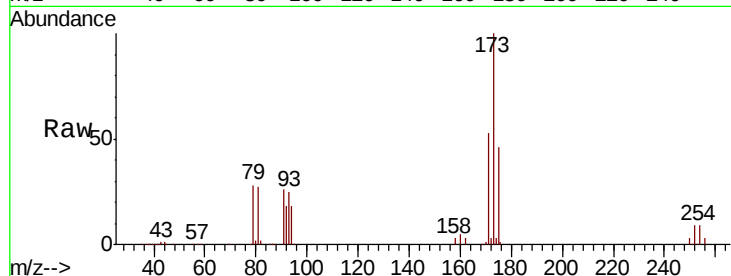




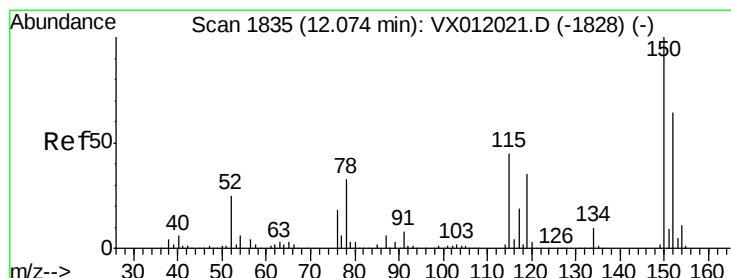
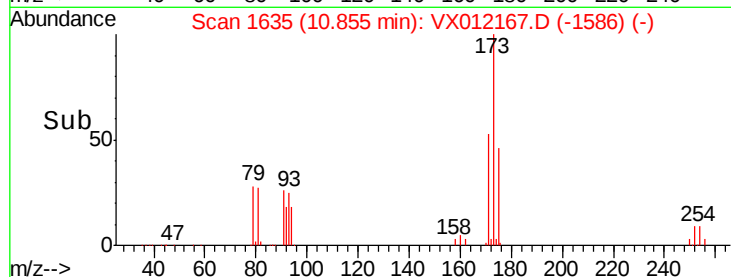
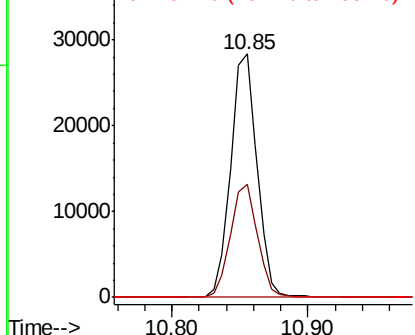
#71
Bromoform
Concen: 52.143 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX012167.D
Acq: 07 Sep 2019 00:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:173 Resp: 38137
Ion Ratio Lower Upper
173 100
175 47.7 24.9 74.7
254 0.0 0.1 0.1#

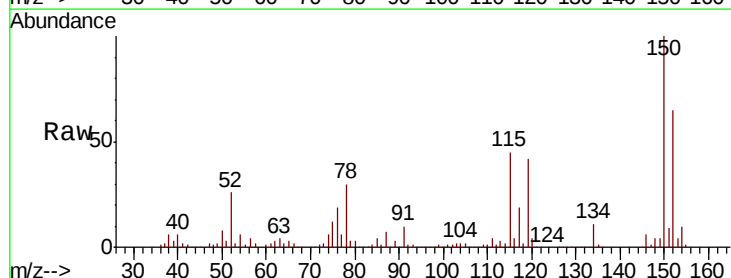


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

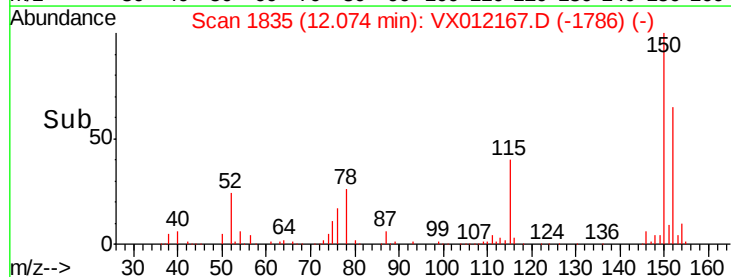
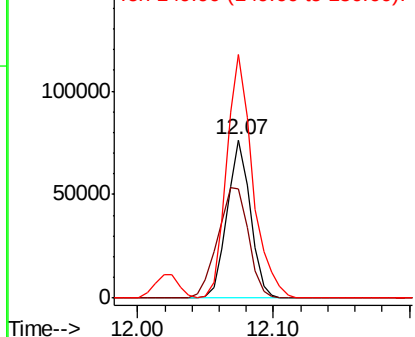


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012167.D
Acq: 07 Sep 2019 00:03

Tgt Ion:152 Resp: 90218
Ion Ratio Lower Upper
152 100
115 92.6 36.4 109.3
150 172.6 0.0 341.2



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





#73

Isopropylbenzene

Concen: 50.059 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012167.D

Acq: 07 Sep 2019 00:03

Instrument :

MSVOA_X

ClientSampleId :

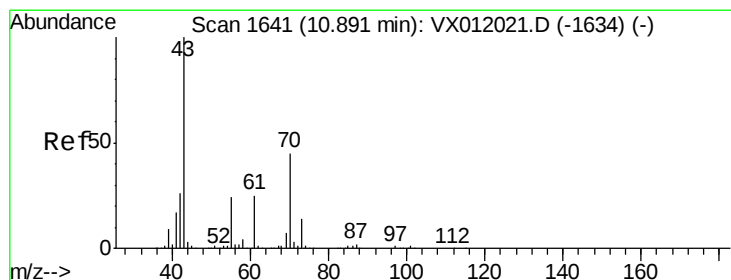
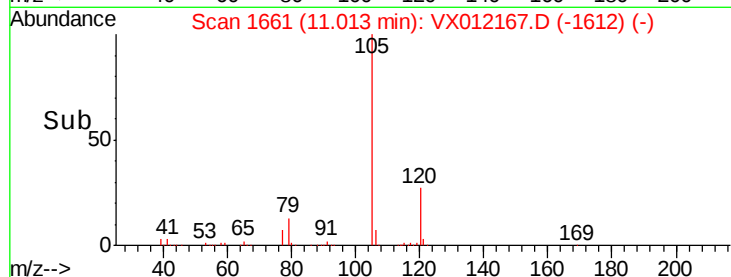
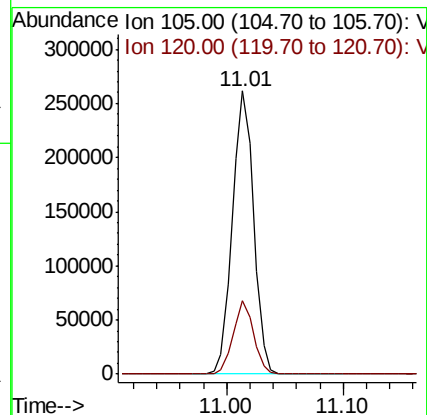
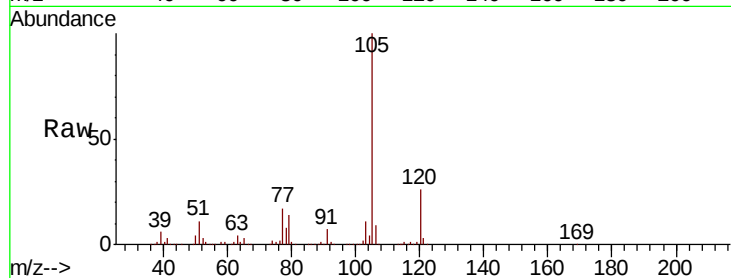
VSTDCCC050EC

Tgt Ion:105 Resp: 331365

Ion Ratio Lower Upper

105 100

120 25.0 13.9 41.6



#74

N-ethyl acetate

Concen: 53.573 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012167.D

Acq: 07 Sep 2019 00:03

Tgt Ion: 43 Resp: 104851

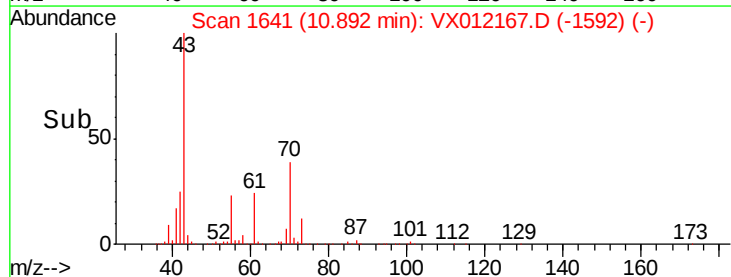
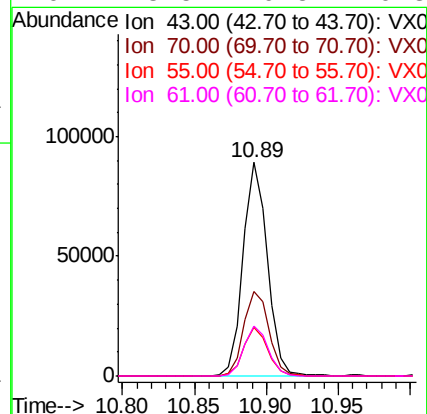
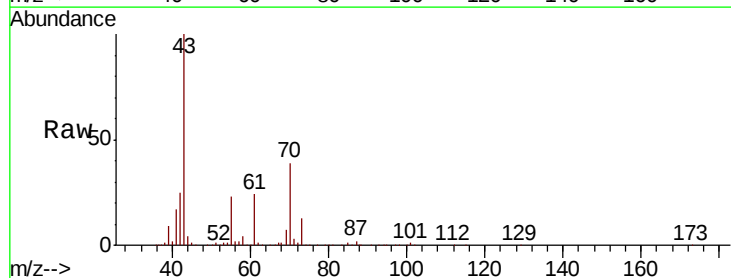
Ion Ratio Lower Upper

43 100

70 41.2 34.4 51.6

55 23.0 18.5 27.7

61 23.5 19.5 29.3

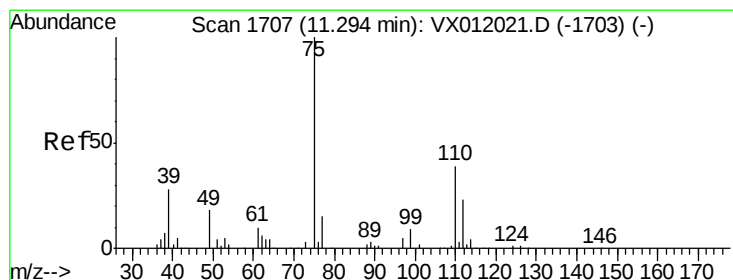
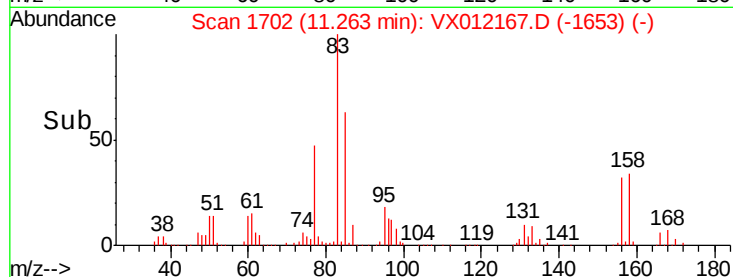
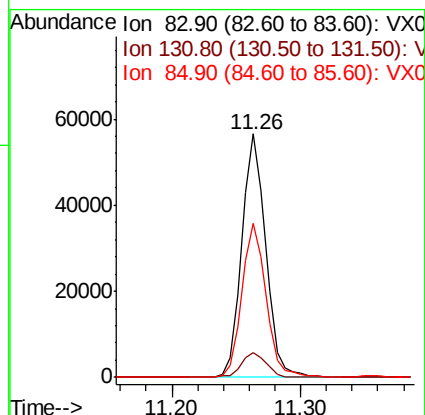
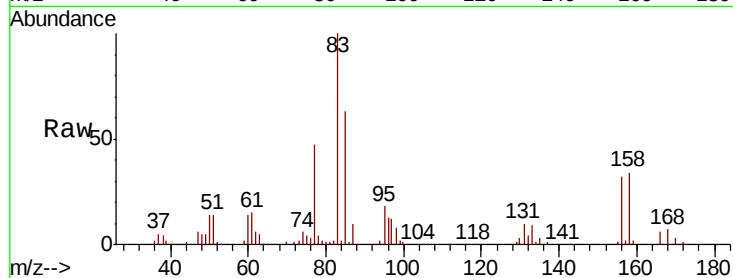




#75
 1,1,2,2-Tetrachloroethane
 Concen: 52.643 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: VX012167.D
 Acq: 07 Sep 2019 00:03

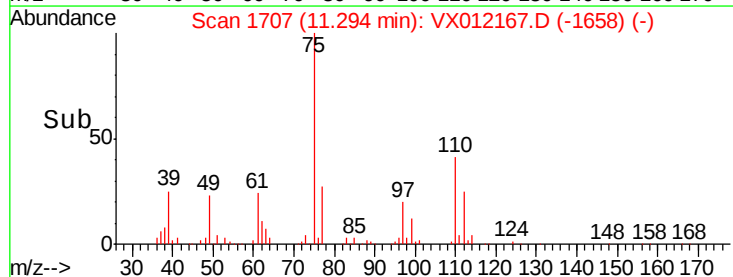
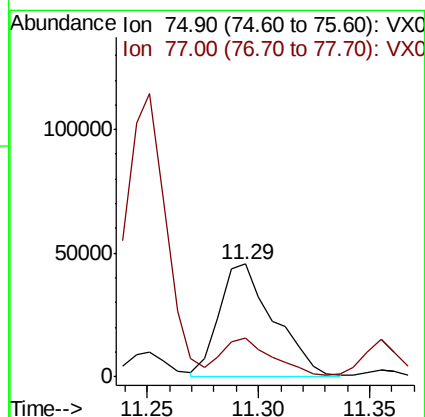
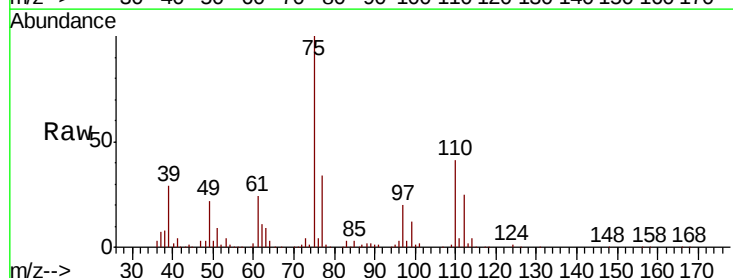
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

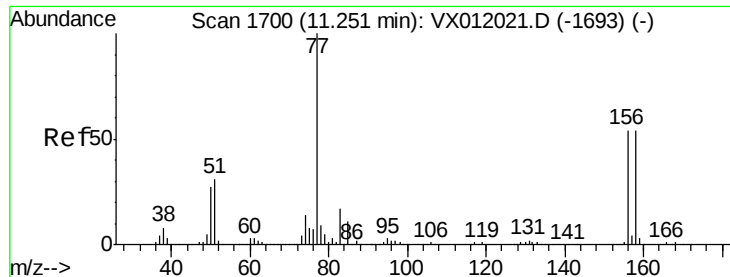
Tgt Ion: 83 Resp: 72646
 Ion Ratio Lower Upper
 83 100
 131 10.6 6.3 19.1
 85 64.1 32.5 97.4



#76
 1,2,3-Trichloropropane
 Concen: 70.467 ug/l
 RT: 11.29 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX012167.D
 Acq: 07 Sep 2019 00:03

Tgt Ion: 75 Resp: 77678
 Ion Ratio Lower Upper
 75 100
 77 32.4 23.5 70.5





#77

Bromobenzene

Concen: 51.085 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012167.D

Acq: 07 Sep 2019 00:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

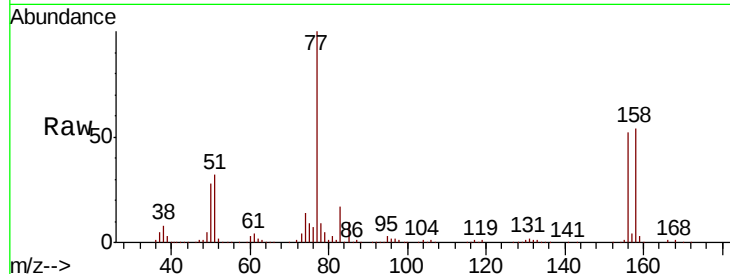
Tgt Ion:156 Resp: 75629

Ion Ratio Lower Upper

156 100

77 194.2 63.4 190.2#

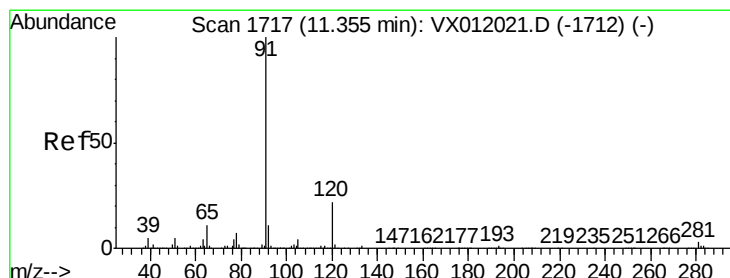
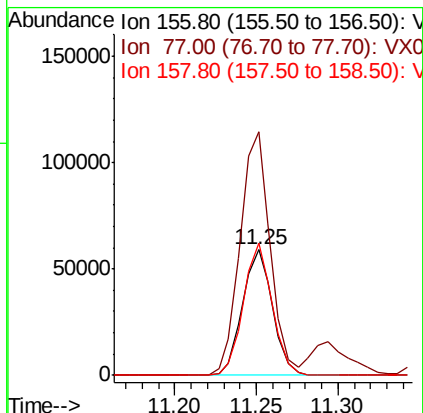
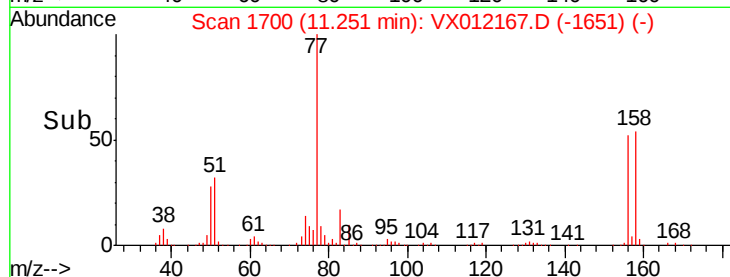
158 101.1 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.501 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012167.D

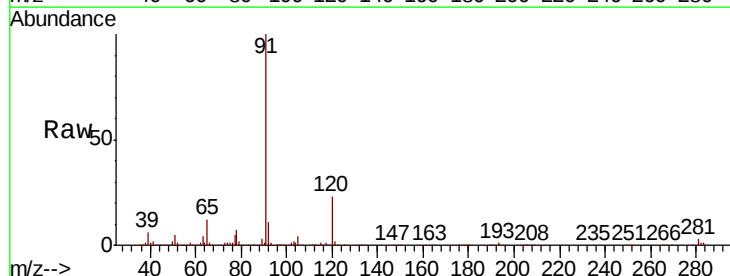
Acq: 07 Sep 2019 00:03

Tgt Ion: 91 Resp: 387865

Ion Ratio Lower Upper

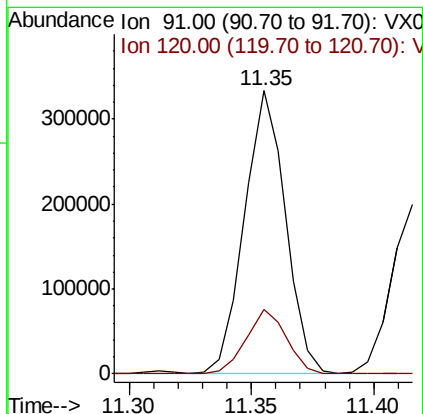
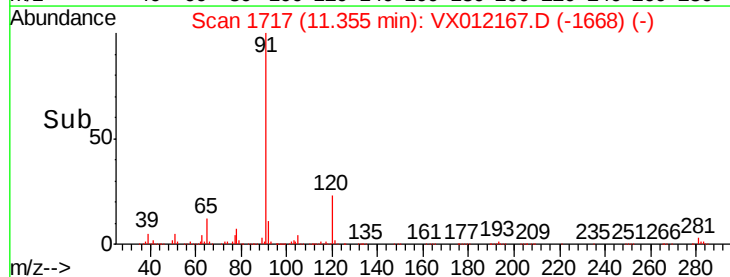
91 100

120 22.7 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

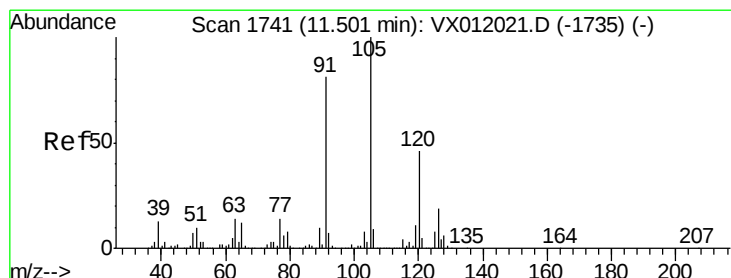
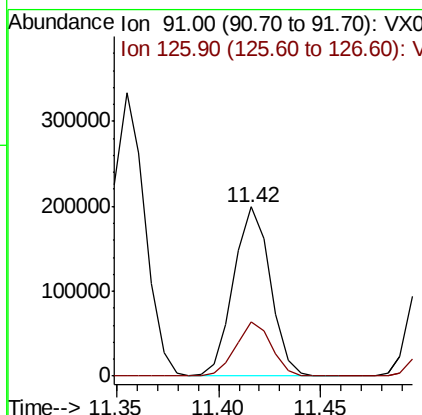
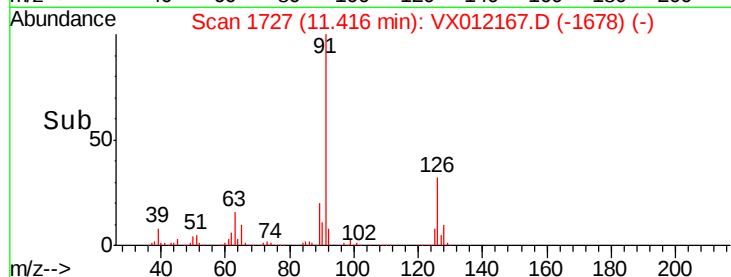
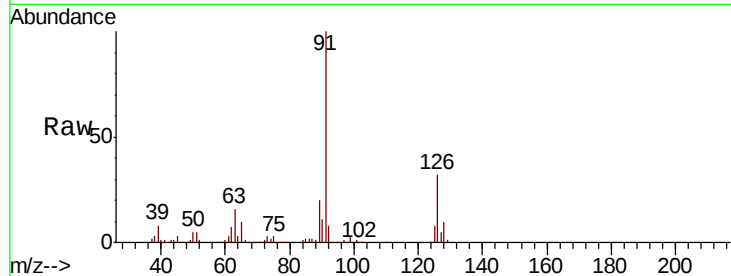




#79
 2-Chlorotoluene
 Concen: 51.136 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX012167.D
 Acq: 07 Sep 2019 00:03

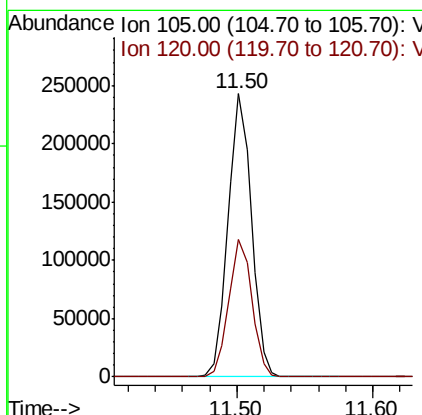
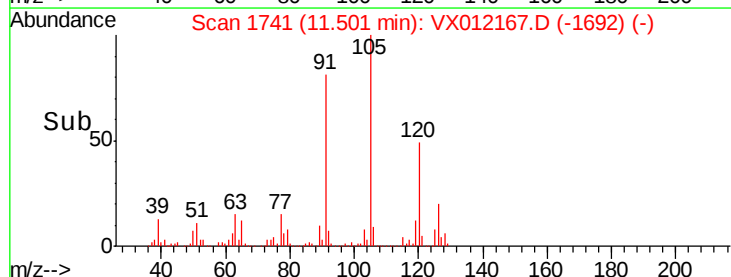
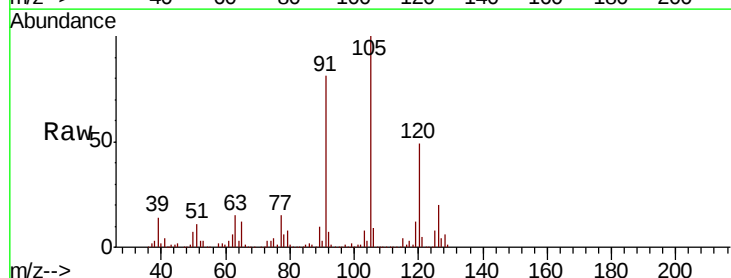
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

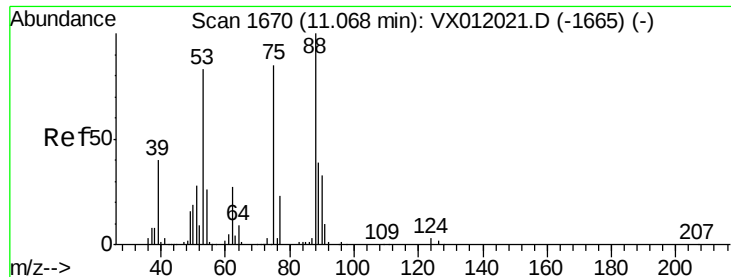
Tgt Ion: 91 Resp: 247745
 Ion Ratio Lower Upper
 91 100
 126 31.3 18.6 55.8



#80
 1,3,5-Trimethylbenzene
 Concen: 50.142 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012167.D
 Acq: 07 Sep 2019 00:03

Tgt Ion: 105 Resp: 290870
 Ion Ratio Lower Upper
 105 100
 120 48.6 25.8 77.3





#81

trans-1,4-Dichloro-2-butene

Concen: 43.434 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX012167.D

Acq: 07 Sep 2019 00:03

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

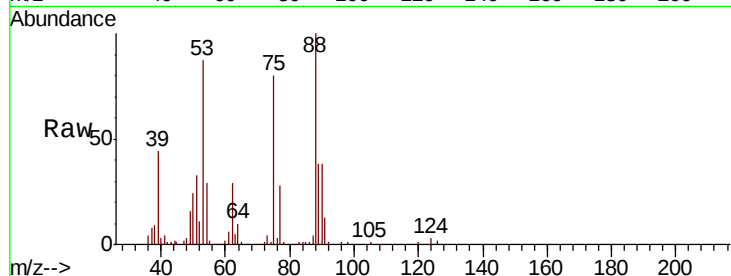
Tgt Ion: 75 Resp: 20252

Ion Ratio Lower Upper

75 100

53 111.0 78.6 117.8

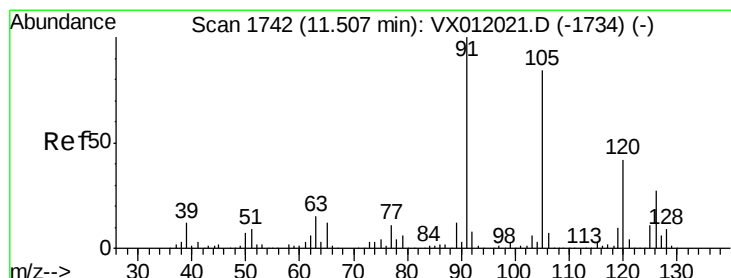
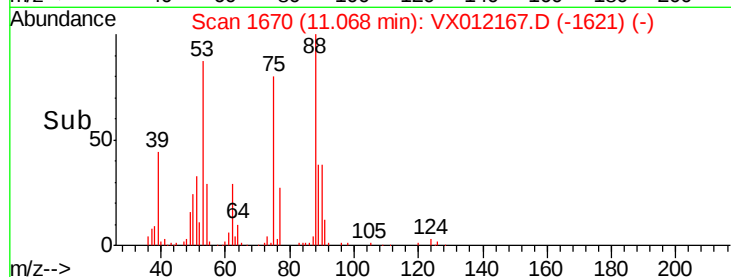
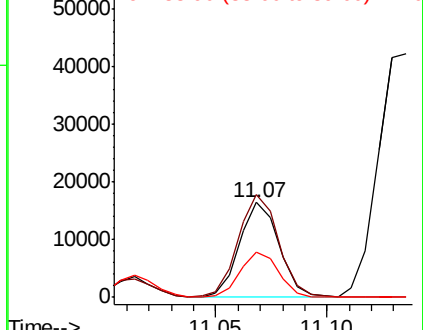
89 47.5 38.8 58.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 51.631 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX012167.D

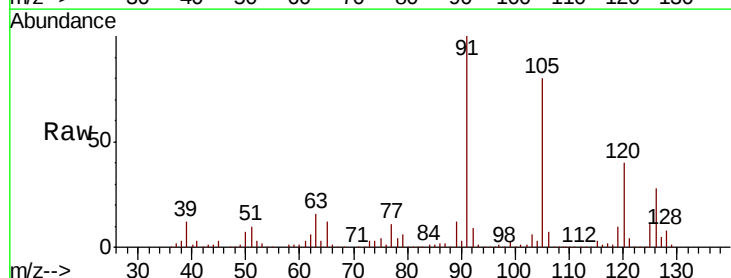
Acq: 07 Sep 2019 00:03

Tgt Ion: 91 Resp: 298147

Ion Ratio Lower Upper

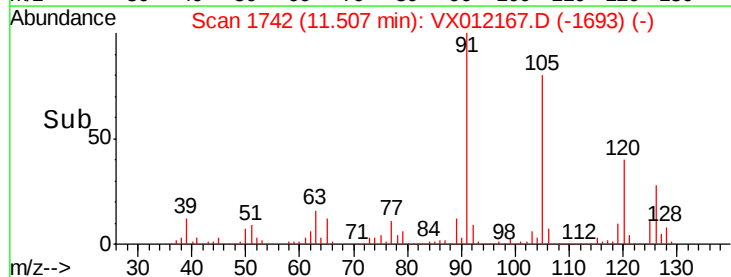
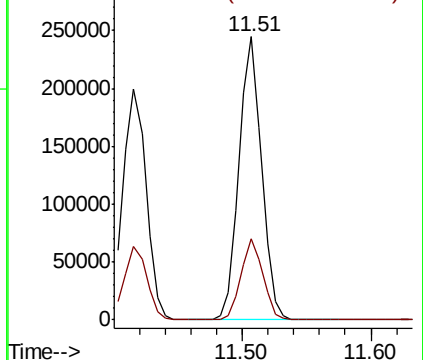
91 100

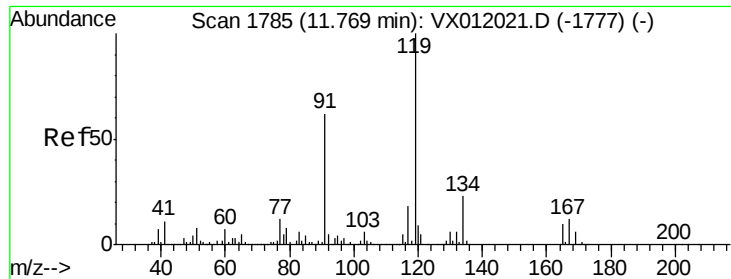
126 27.7 16.2 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

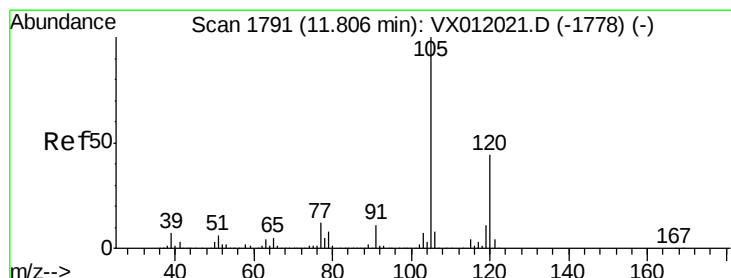
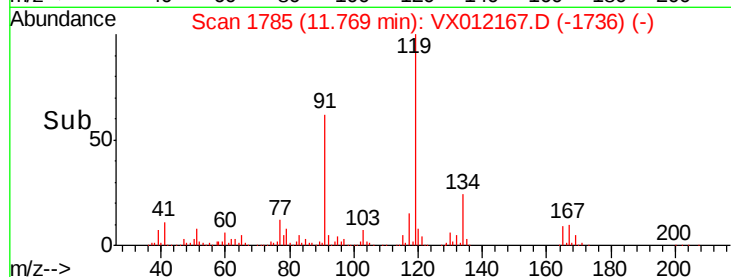
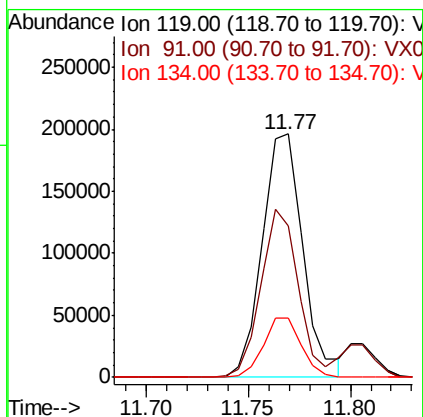
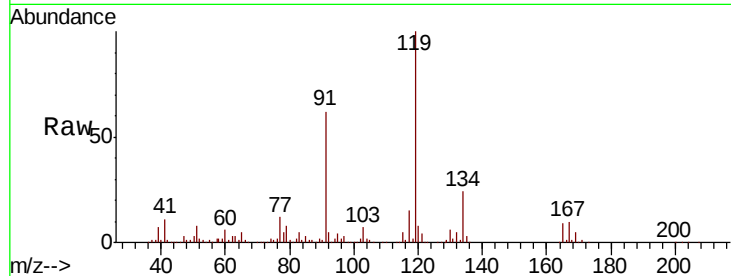




#83
 tert-Butylbenzene
 Concen: 49.429 ug/l
 RT: 11.77 min Scan# 1785
 Delta R.T. -0.00 min
 Lab File: VX012167.D
 Acq: 07 Sep 2019 00:03

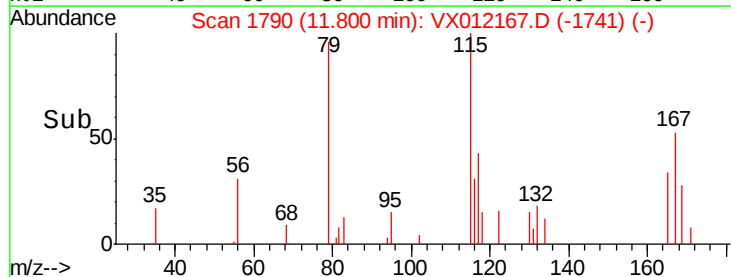
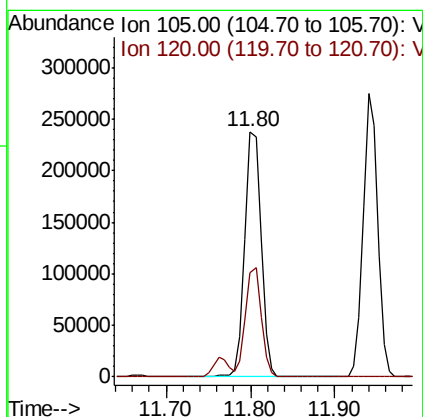
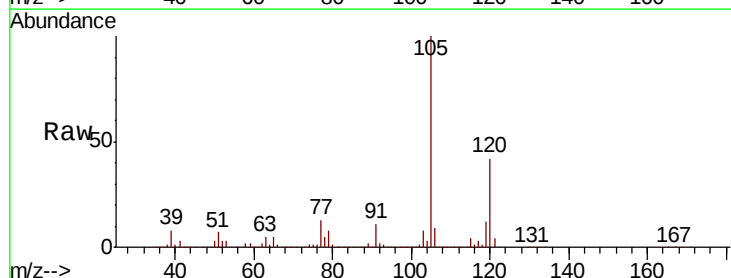
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

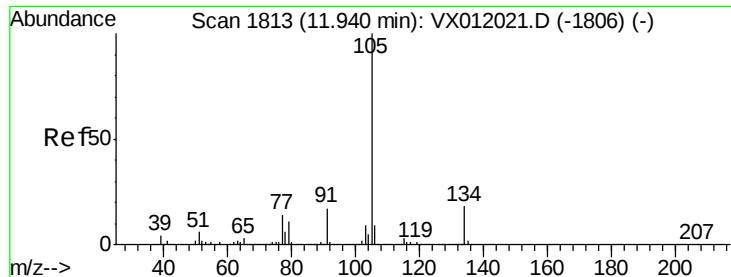
Tgt Ion:119 Resp: 273288
 Ion Ratio Lower Upper
 119 100
 91 63.3 27.1 81.2
 134 23.0 12.1 36.3



#84
 1,2,4-Trimethylbenzene
 Concen: 51.513 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX012167.D
 Acq: 07 Sep 2019 00:03

Tgt Ion:105 Resp: 307122
 Ion Ratio Lower Upper
 105 100
 120 42.8 23.6 70.8

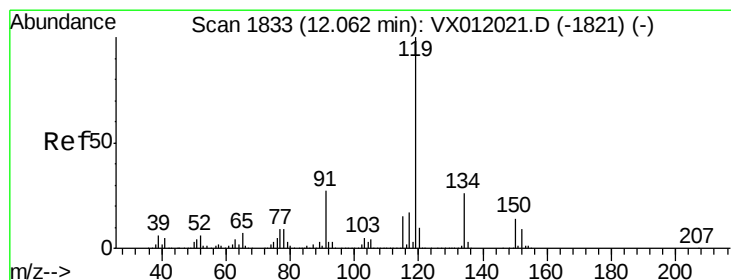
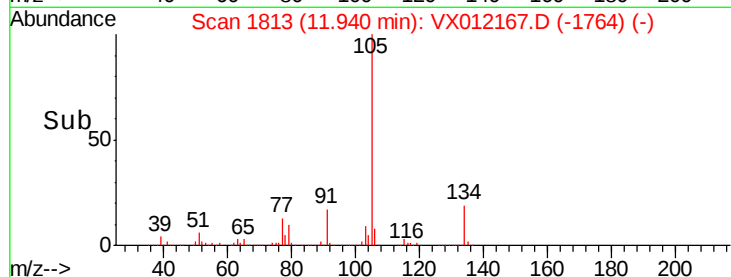
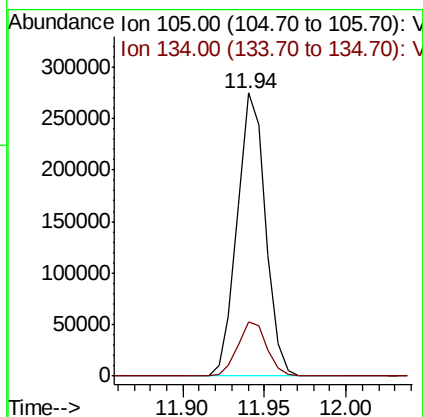
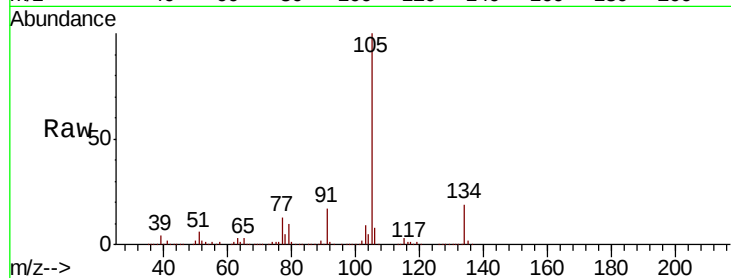




#85
 sec-Butylbenzene
 Concen: 48.370 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX012167.D
 Acq: 07 Sep 2019 00:03

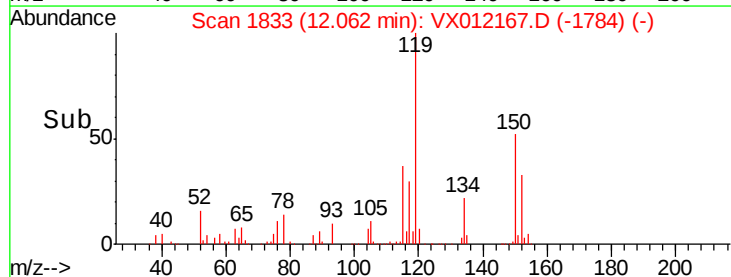
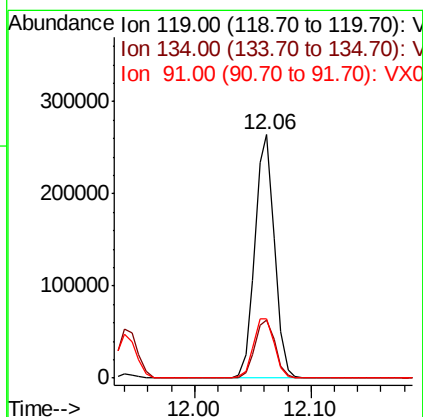
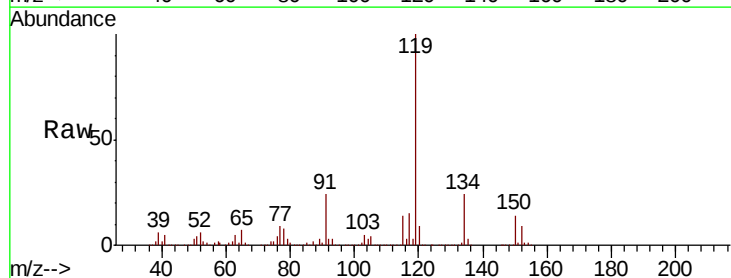
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

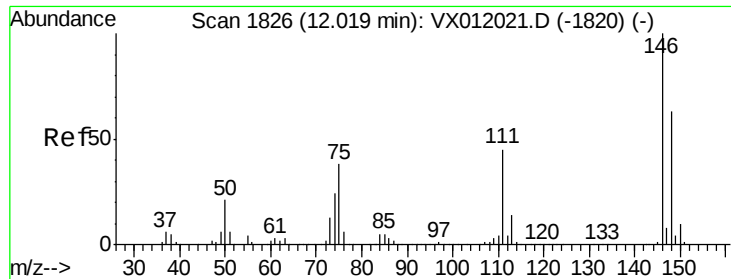
Tgt Ion:105 Resp: 332176
 Ion Ratio Lower Upper
 105 100
 134 19.7 11.2 33.6



#86
 p-Isopropyltoluene
 Concen: 49.686 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX012167.D
 Acq: 07 Sep 2019 00:03

Tgt Ion:119 Resp: 310307
 Ion Ratio Lower Upper
 119 100
 134 24.9 13.7 41.1
 91 26.1 11.4 34.1

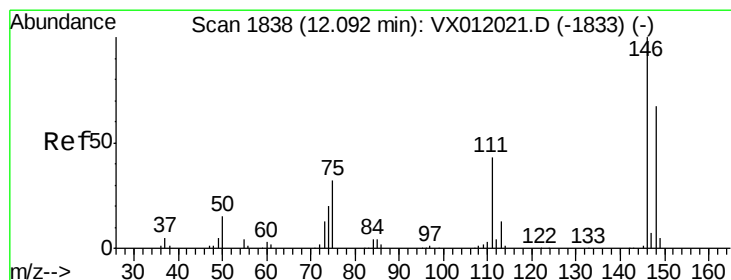
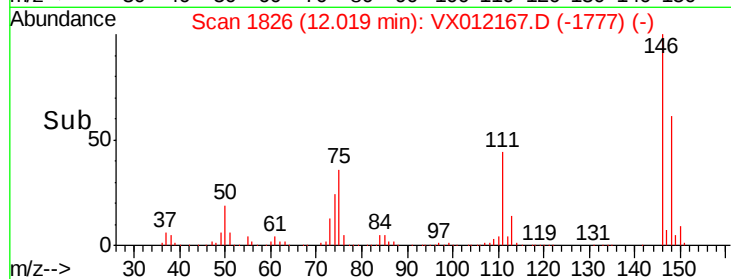
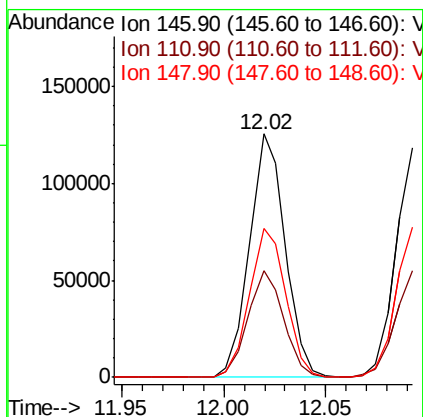
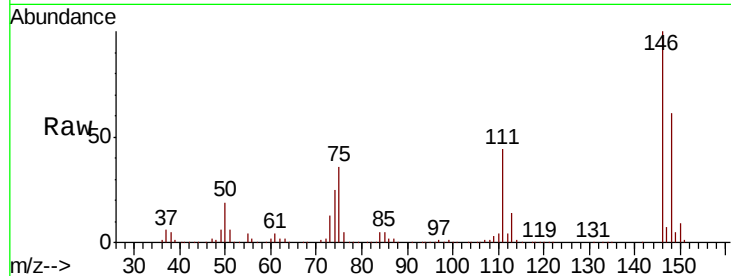




#87
 1,3-Dichlorobenzene
 Concen: 51.573 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012167.D
 Acq: 07 Sep 2019 00:03

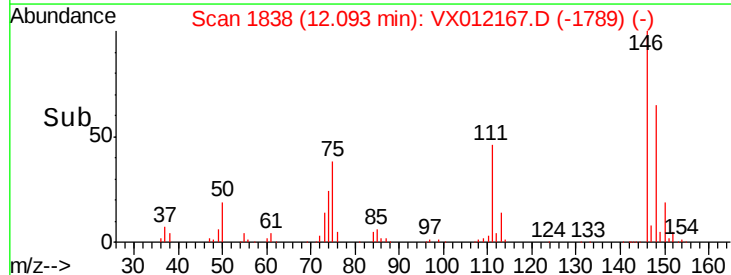
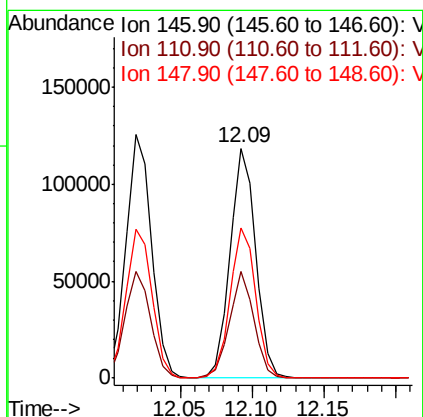
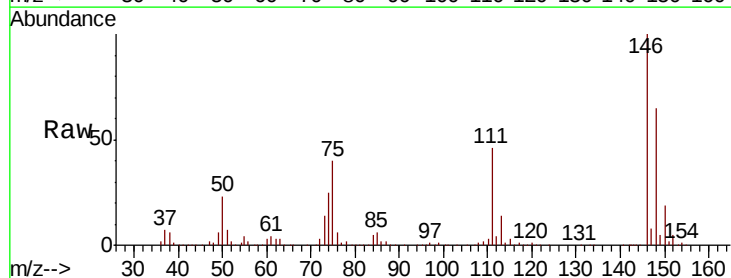
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

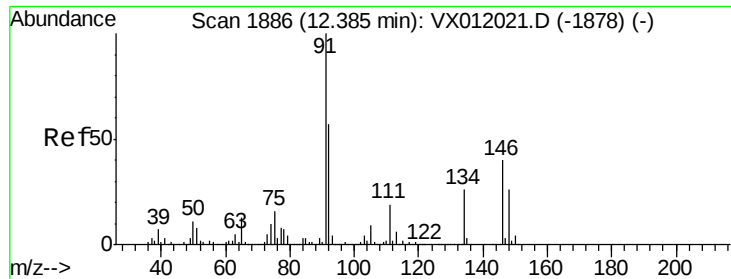
Tgt Ion:146 Resp: 152993
 Ion Ratio Lower Upper
 146 100
 111 44.3 18.1 54.1
 148 62.3 32.6 97.8



#88
 1,4-Dichlorobenzene
 Concen: 50.140 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012167.D
 Acq: 07 Sep 2019 00:03

Tgt Ion:146 Resp: 148725
 Ion Ratio Lower Upper
 146 100
 111 44.2 17.7 53.1
 148 65.2 32.4 97.0

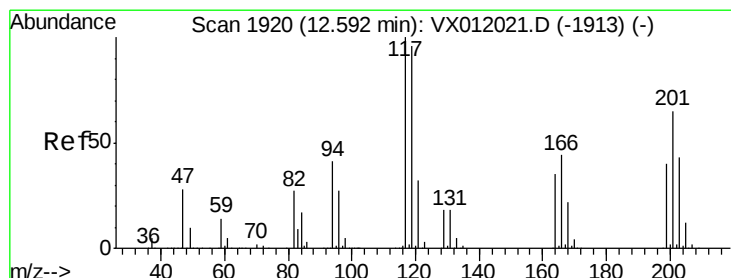
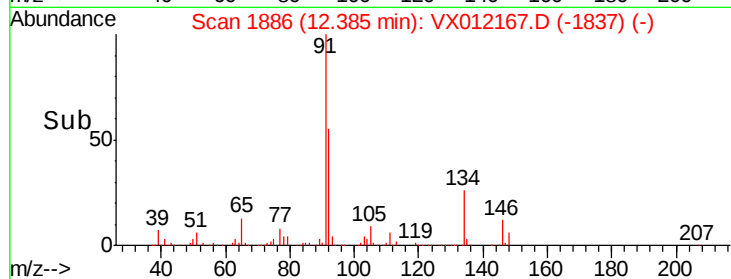
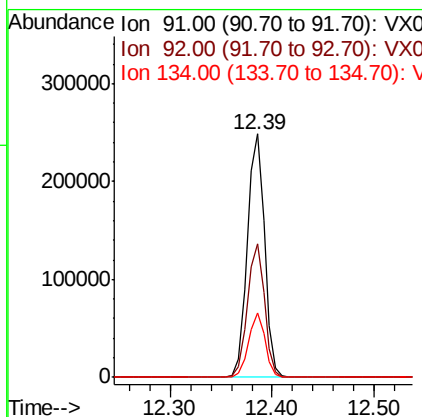
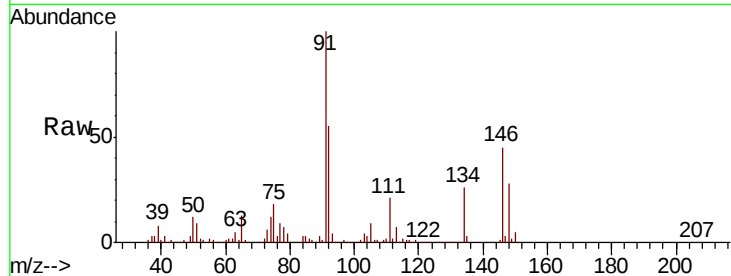




#89
n-Butylbenzene
Concen: 48.051 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX012167.D
Acq: 07 Sep 2019 00:03

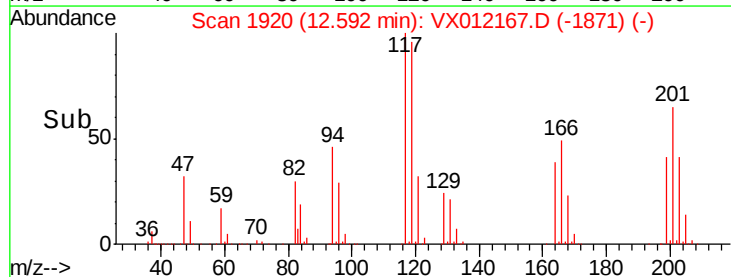
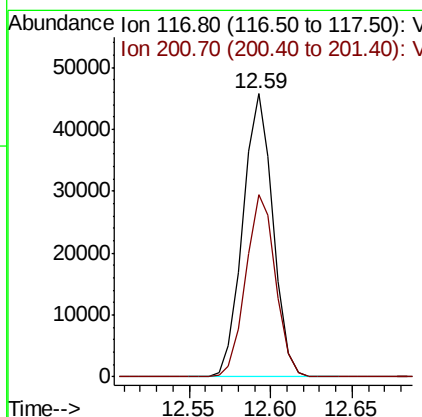
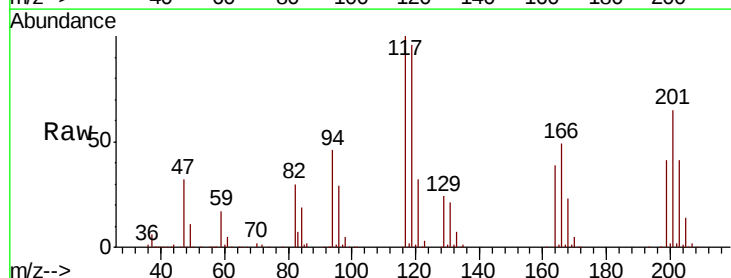
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

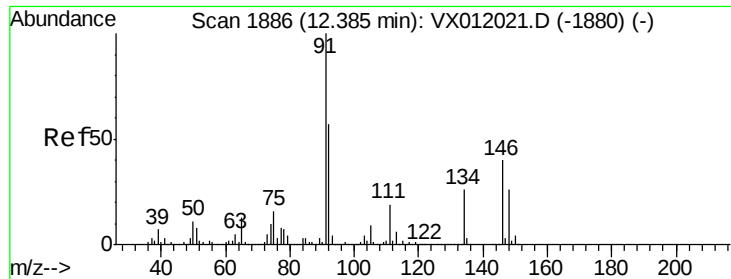
Tgt Ion: 91 Resp: 291522
Ion Ratio Lower Upper
91 100
92 54.4 27.6 82.8
134 25.5 15.4 46.1



#90
Hexachloroethane
Concen: 47.090 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX012167.D
Acq: 07 Sep 2019 00:03

Tgt Ion: 117 Resp: 58722
Ion Ratio Lower Upper
117 100
201 64.0 55.0 165.2

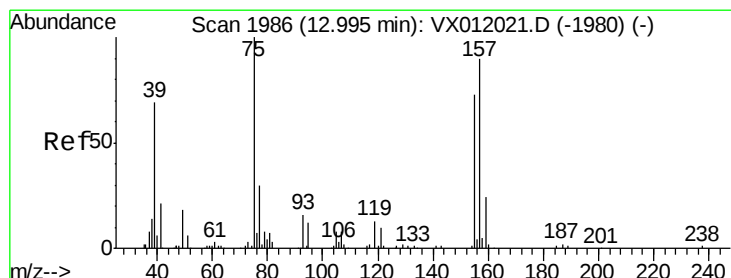
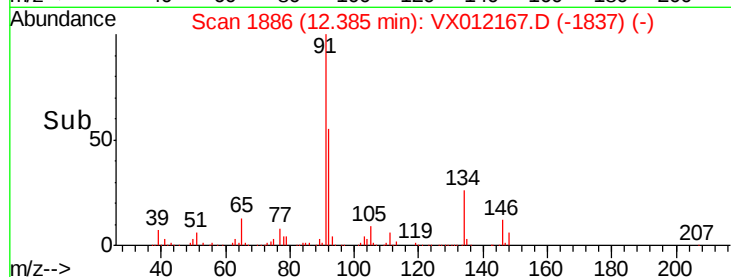
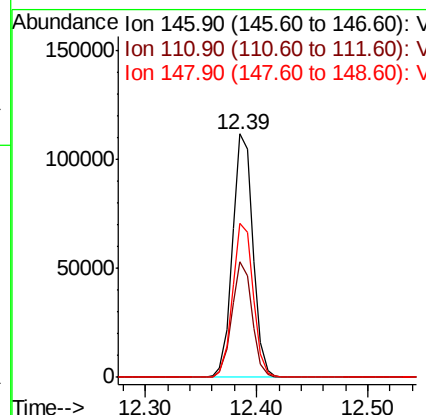
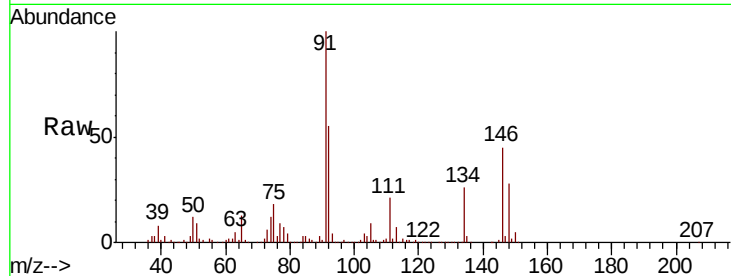




#91
 1,2-Dichlorobenzene
 Concen: 52.917 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012167.D
 Acq: 07 Sep 2019 00:03

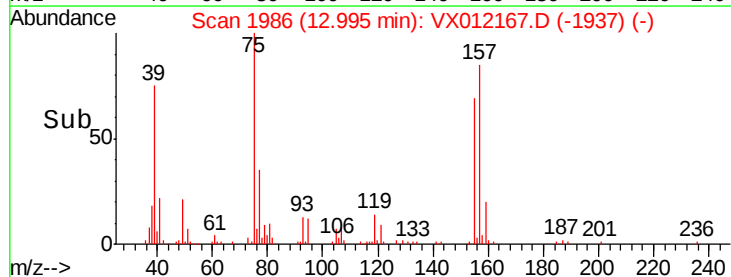
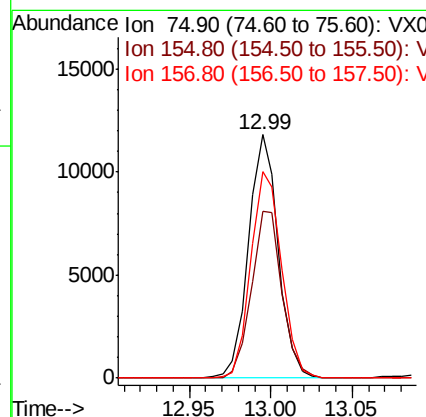
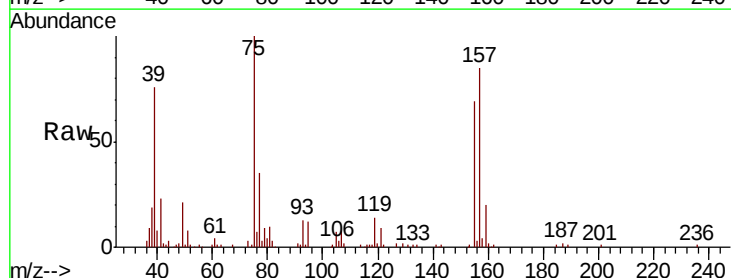
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

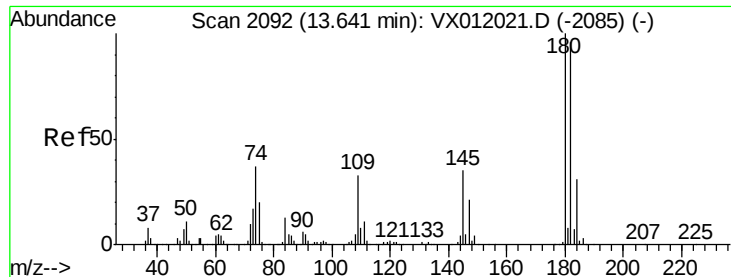
Tgt Ion:146 Resp: 141378
 Ion Ratio Lower Upper
 146 100
 111 46.9 18.6 56.0
 148 63.8 32.4 97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.916 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012167.D
 Acq: 07 Sep 2019 00:03

Tgt Ion: 75 Resp: 14992
 Ion Ratio Lower Upper
 75 100
 155 70.7 51.7 155.2
 157 87.7 66.9 200.7

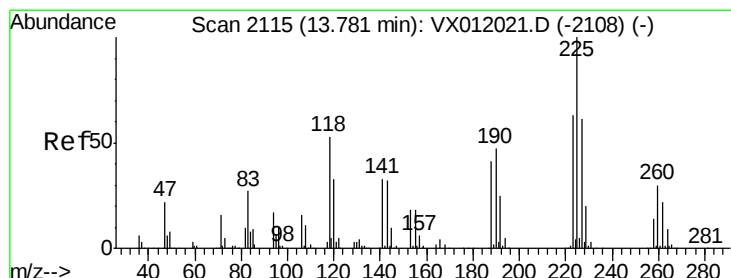
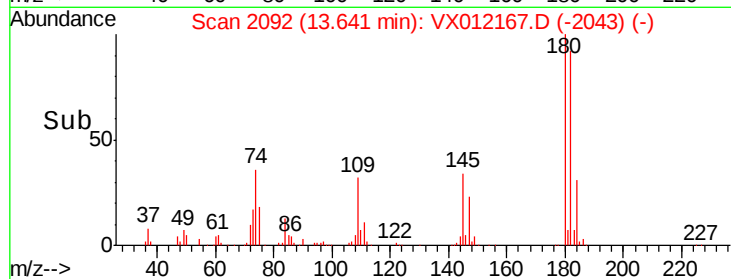
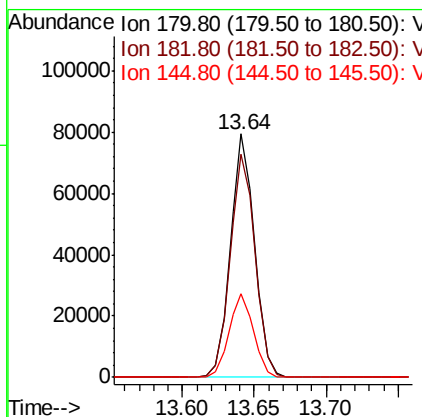
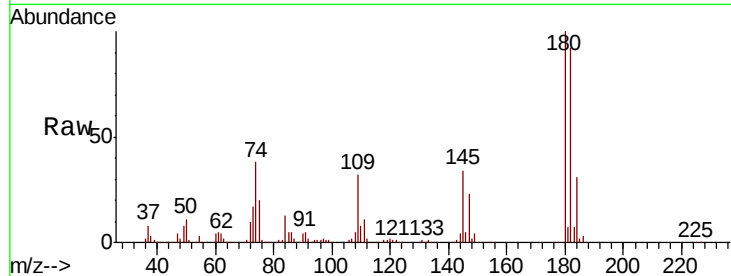




#93
 1,2,4-Trichlorobenzene
 Concen: 49.055 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012167.D
 Acq: 07 Sep 2019 00:03

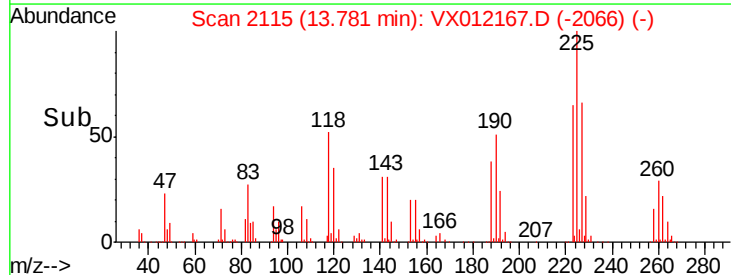
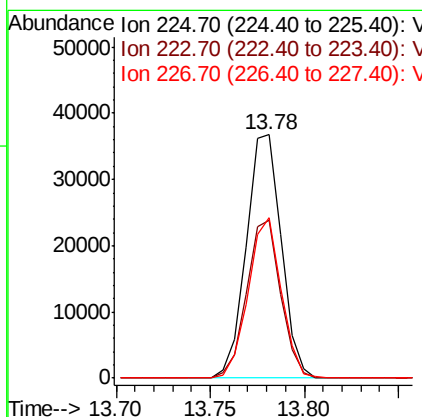
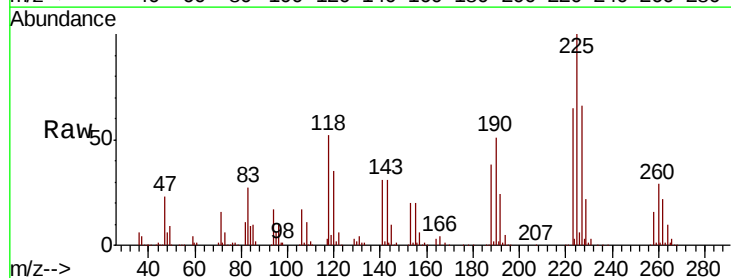
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

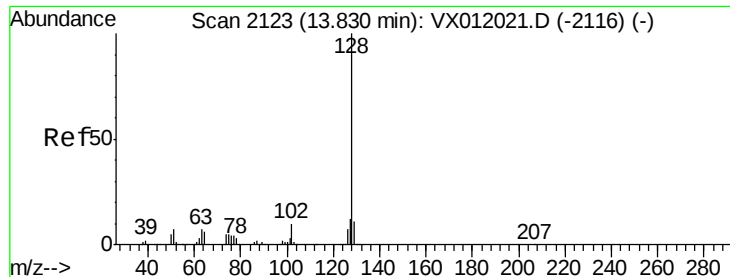
Tgt Ion:180 Resp: 93285
 Ion Ratio Lower Upper
 180 100
 182 94.6 47.3 142.0
 145 34.9 13.7 41.0



#94
 Hexachlorobutadiene
 Concen: 49.512 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VX012167.D
 Acq: 07 Sep 2019 00:03

Tgt Ion:225 Resp: 47461
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.6 95.0
 227 62.0 32.5 97.5

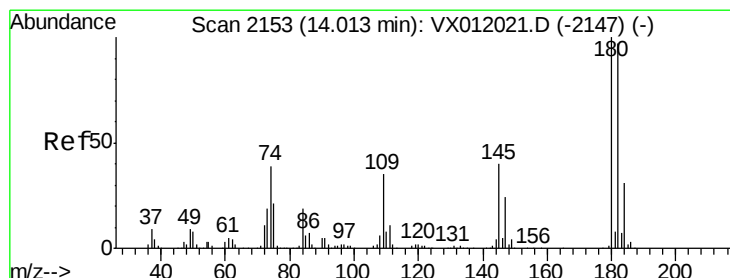
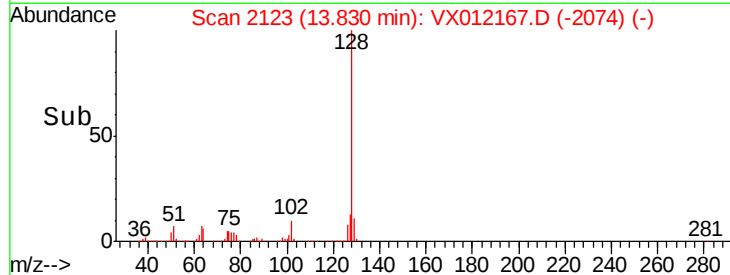
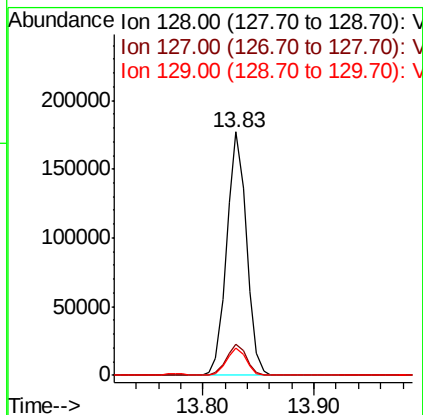
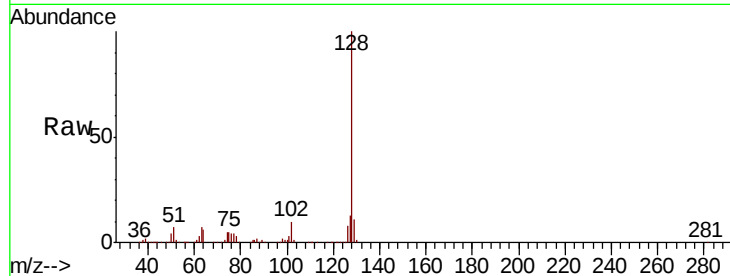




#95
Naphthalene
Concen: 52.624 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012167.D
Acq: 07 Sep 2019 00:03

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 216583
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 11.2 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 50.512 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VX012167.D
Acq: 07 Sep 2019 00:03

Tgt Ion:180 Resp: 84507
Ion Ratio Lower Upper
180 100
182 94.3 47.9 143.6
145 38.1 14.1 42.4

