

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX092719\
 Data File : VX012693.D
 Acq On : 27 Sep 2019 14:18
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 28 03:59:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	198870	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	340808	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	301379	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	144325	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	143434	49.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.06%	
35) Dibromofluoromethane	5.48	113	108041	53.23	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	106.46%	
50) Toluene-d8	8.71	98	410444	52.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.02%	
62) 4-Bromofluorobenzene	11.13	95	164801	53.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.24%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	108135	48.334	ug/l	97
3) Chloromethane	1.32	50	114923	44.735	ug/l	98
4) Vinyl Chloride	1.40	62	123101	48.209	ug/l	99
5) Bromomethane	1.63	94	47515	47.327	ug/l	94
6) Chloroethane	1.71	64	77278	44.893	ug/l	95
7) Trichlorofluoromethane	1.92	101	176598	49.259	ug/l	99
8) Diethyl Ether	2.17	74	72274	49.193	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	104273	47.752	ug/l	96
10) Methyl Iodide	2.50	142	103254	45.392	ug/l	93
11) Tert butyl alcohol	3.03	59	156901	216.887	ug/l	100
12) 1,1-Dichloroethene	2.36	96	98818	46.216	ug/l	97
13) Acrolein	2.28	56	24500	68.540	ug/l	92
14) Allyl chloride	2.72	41	204758	48.267	ug/l	98
15) Acrylonitrile	3.12	53	340169	231.774	ug/l	99
16) Acetone	2.43	43	349408	227.788	ug/l	99
17) Carbon Disulfide	2.56	76	272719	45.496	ug/l	98
18) Methyl Acetate	2.76	43	163907	45.380	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	394981	48.803	ug/l	97
20) Methylene Chloride	2.84	84	122805	47.334	ug/l	94
21) trans-1,2-Dichloroethene	3.15	96	114659	48.403	ug/l	97
22) Diisopropyl ether	3.84	45	398312	48.592	ug/l	99
23) Vinyl Acetate	3.80	43	1753577	243.943	ug/l	98
24) 1,1-Dichloroethane	3.68	63	216440	48.576	ug/l	100
25) 2-Butanone	4.65	43	506740	230.398	ug/l	98
26) 2,2-Dichloropropane	4.56	77	194641	49.116	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	133353	48.517	ug/l	95
28) Bromochloromethane	5.00	49	90518	55.949	ug/l	100
29) Tetrahydrofuran	5.11	42	302755	225.844	ug/l	97
30) Chloroform	5.19	83	219609	48.175	ug/l	99
31) Cyclohexane	5.56	56	197784	49.066	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	195945	48.499	ug/l	99
36) 1,1-Dichloropropene	5.78	75	163942	49.906	ug/l	98
37) Ethyl Acetate	4.81	43	182929	47.631	ug/l	98
38) Carbon Tetrachloride	5.77	117	166508	49.897	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	201491	50.949	ug/l	99
40) Benzene	6.13	78	482255	49.895	ug/l	98
41) Methacrylonitrile	5.02	41	102462	47.550	ug/l	96
42) 1,2-Dichloroethane	6.18	62	179819	48.992	ug/l	98
43) Isopropyl Acetate	6.43	43	305751	47.606	ug/l	98
44) Trichloroethene	7.20	130	124322	50.314	ug/l	94
45) 1,2-Dichloropropane	7.50	63	123649	49.968	ug/l	100
46) Dibromomethane	7.65	93	82589	49.019	ug/l	96
47) Bromodichloromethane	7.89	83	169948	50.469	ug/l	100
48) Methyl methacrylate	7.76	41	149138	48.428	ug/l	93
49) 1,4-Dioxane	7.73	88	66482	951.774	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	932857	235.300	ug/l	96
52) Toluene	8.78	92	305617	50.309	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	193002	51.803	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	208854	51.343	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	122039	50.530	ug/l	98
56) Ethyl methacrylate	9.17	69	203773	50.221	ug/l	94
57) 1,3-Dichloropropane	9.36	76	212080	50.173	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	475733	261.204	ug/l	99
59) 2-Hexanone	9.48	43	722657	238.138	ug/l	95
60) Dibromochloromethane	9.57	129	127995	52.353	ug/l	100
61) 1,2-Dibromoethane	9.67	107	128738	51.218	ug/l	99
64) Tetrachloroethene	9.33	164	110027	52.362	ug/l	96
65) Chlorobenzene	10.13	112	318325	50.158	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	117728	51.198	ug/l	98
67) Ethyl Benzene	10.25	91	596786	51.846	ug/l	99
68) m/p-Xylenes	10.35	106	448028	103.904	ug/l	100
69) o-Xylene	10.70	106	214438	51.395	ug/l	100
70) Styrene	10.71	104	374939	53.604	ug/l	98
71) Bromoform	10.85	173	84616	52.848	ug/l #	97
73) Isopropylbenzene	11.01	105	584082	49.689	ug/l	99
74) N-amyl acetate	10.89	43	271942	48.493	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	185466	47.641	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	225135	58.971	ug/l	85
77) Bromobenzene	11.25	156	129910	48.830	ug/l	97
78) n-propylbenzene	11.35	91	679876	51.374	ug/l	99
79) 2-Chlorotoluene	11.42	91	401633	48.650	ug/l	97
80) 1,3,5-Trimethylbenzene	11.50	105	494315	50.147	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	65098	48.865	ug/l	96
82) 4-Chlorotoluene	11.51	91	461969	49.089	ug/l	99
83) tert-Butylbenzene	11.76	119	472692	49.711	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	498853	50.167	ug/l	99
85) sec-Butylbenzene	11.94	105	565430	51.125	ug/l	99
86) p-Isopropyltoluene	12.06	119	523622	52.470	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	244903	51.152	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	245134	50.669	ug/l	98
89) n-Butylbenzene	12.39	91	463863	52.749	ug/l	100
90) Hexachloroethane	12.59	117	89130	50.097	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	239556	49.978	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	46054	47.292	ug/l	98

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Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration

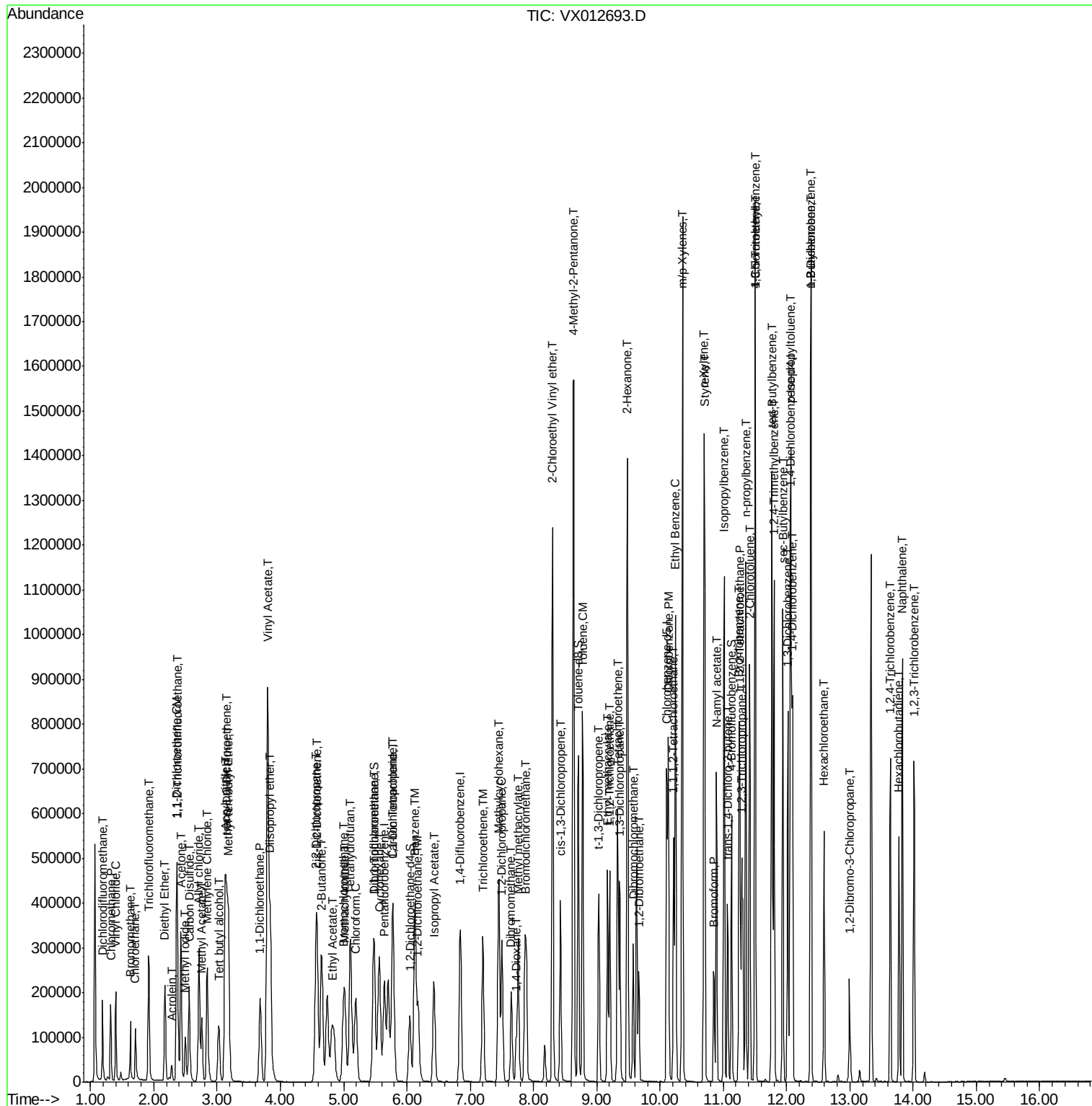
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	156164	53.423	ug/l	99
94) Hexachlorobutadiene	13.78	225	70384	55.969	ug/l	99
95) Naphthalene	13.83	128	547347	51.753	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	158296	54.059	ug/l	99

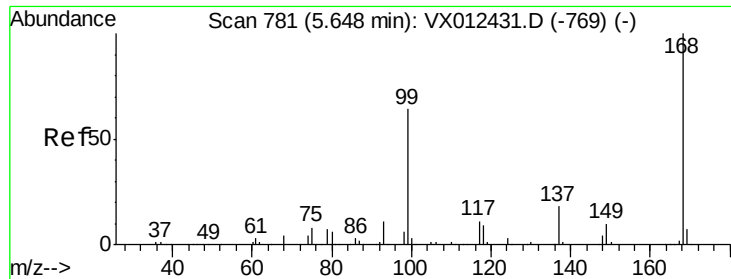
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX092719\
Data File : VX012693.D
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Operator  : JC/SP
Sample    : VSTDCCC050
Misc      : 5.0mL/MSVOA_X/WATER
ALS Vial  : 7      Sample Multiplier: 1
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Instrument :
MSVOA_X
ClientSampleId :
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Quant Time: Sep 28 03:59:35 2019
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Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.01 min

Lab File: VX012693.D

Acq: 27 Sep 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

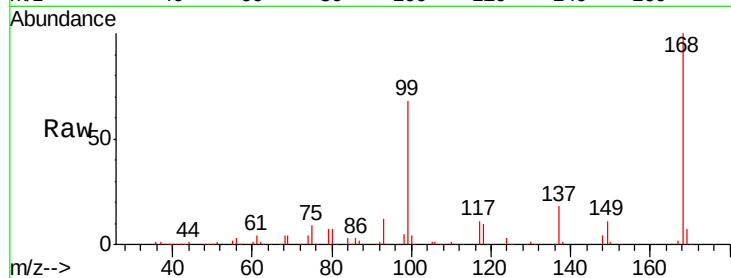
VSTDCCC050EC

Tgt Ion:168 Resp: 198870

Ion Ratio Lower Upper

168 100

99 67.5 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

80000

60000

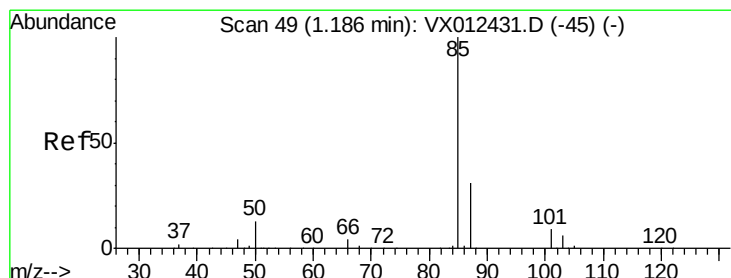
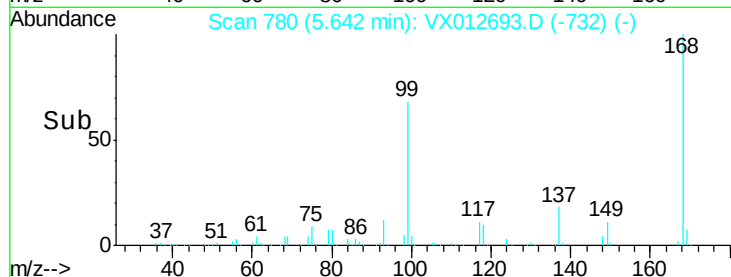
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 48.334 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012693.D

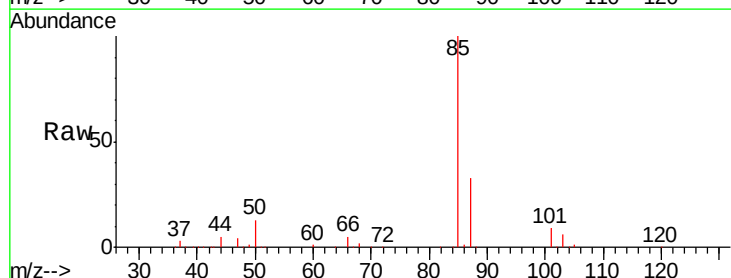
Acq: 27 Sep 2019 14:18

Tgt Ion: 85 Resp: 108135

Ion Ratio Lower Upper

85 100

87 32.8 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

100000

80000

60000

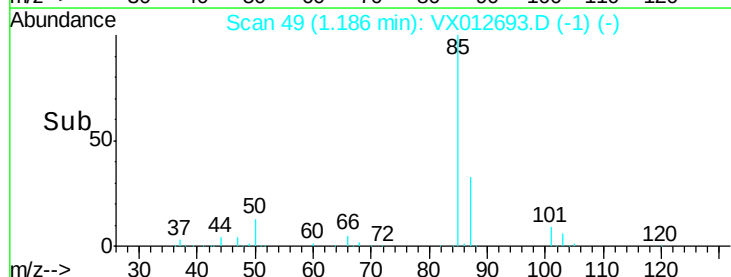
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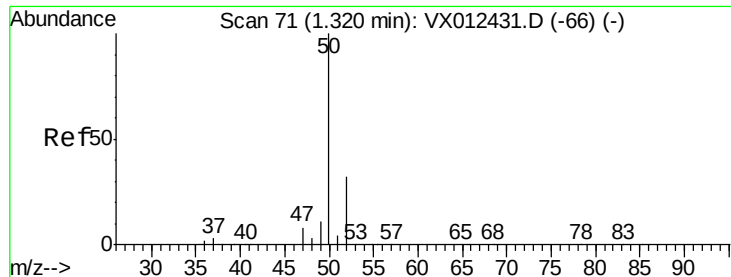
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0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 44.735 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012693.D

Acq: 27 Sep 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

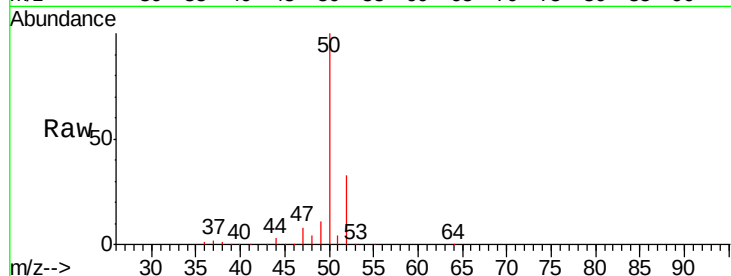
VSTDCCC050EC

Tgt Ion: 50 Resp: 114923

Ion Ratio Lower Upper

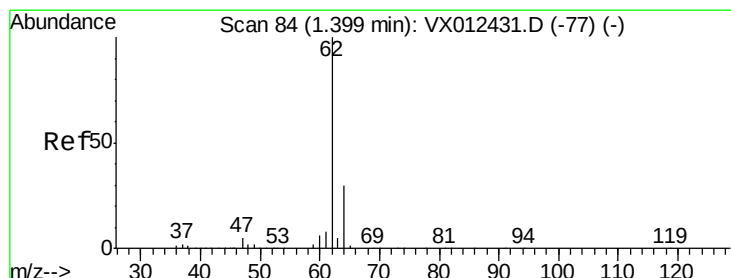
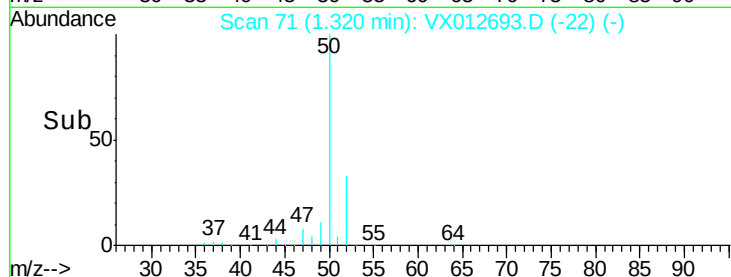
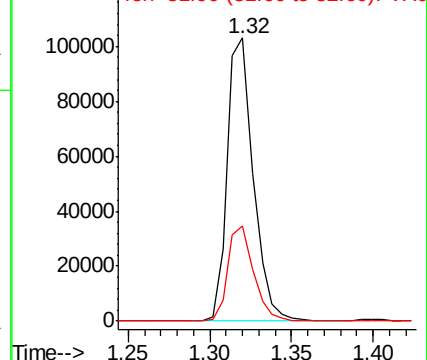
50 100

52 33.5 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 48.209 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012693.D

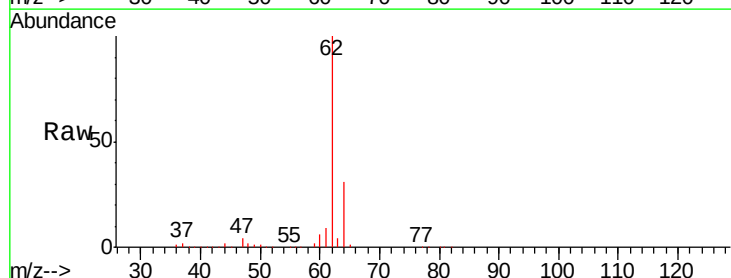
Acq: 27 Sep 2019 14:18

Tgt Ion: 62 Resp: 123101

Ion Ratio Lower Upper

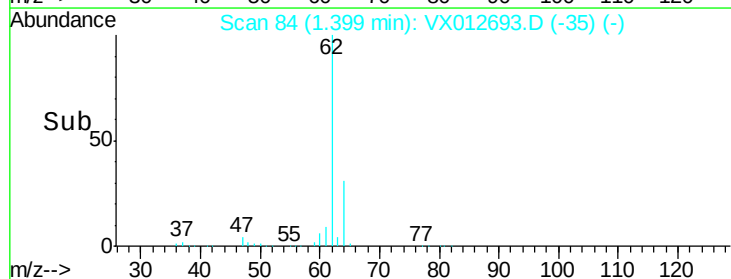
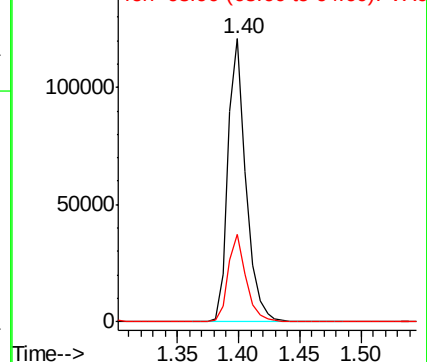
62 100

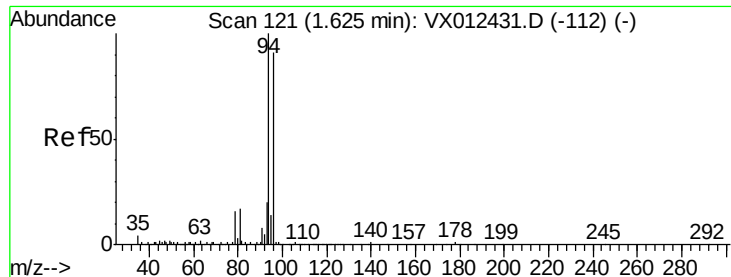
64 30.9 24.2 36.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 47.327 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX012693.D

Acq: 27 Sep 2019 14:18

Instrument :

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ClientSampleId :

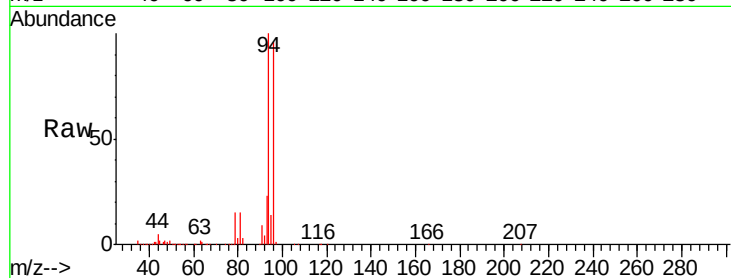
VSTDCCC050EC

Tgt Ion: 94 Resp: 47515

Ion Ratio Lower Upper

94 100

96 96.2 72.8 109.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

50000

40000

30000

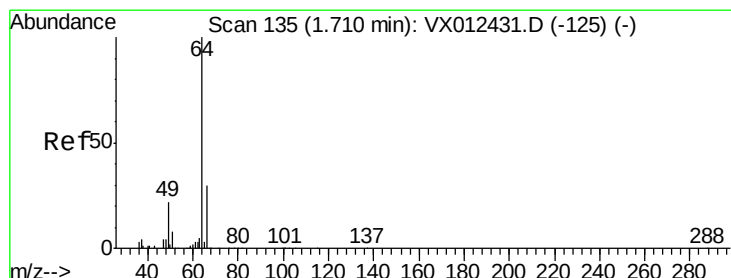
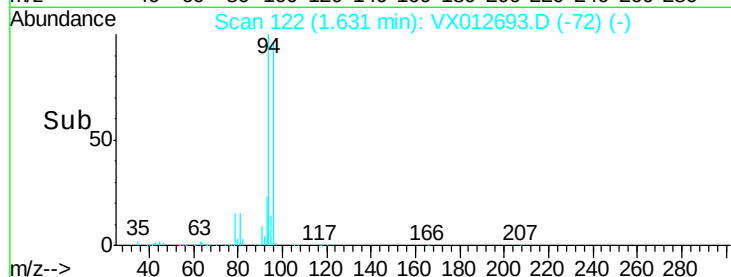
20000

10000

0

Time-->

1.55 1.60 1.65 1.70 1.75



#6

Chloroethane

Concen: 44.893 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX012693.D

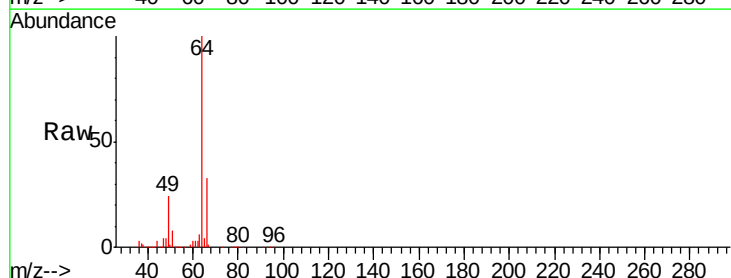
Acq: 27 Sep 2019 14:18

Tgt Ion: 64 Resp: 77278

Ion Ratio Lower Upper

64 100

66 32.8 24.0 36.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

60000

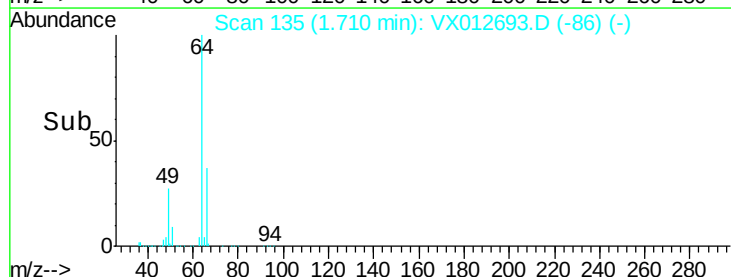
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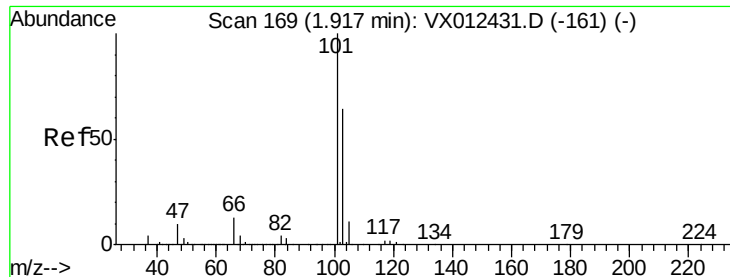
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0

Time-->

1.65 1.70 1.75 1.80



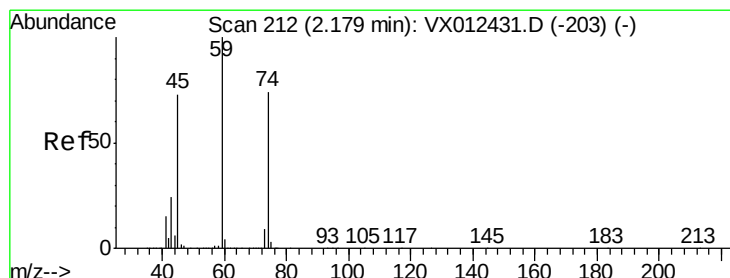
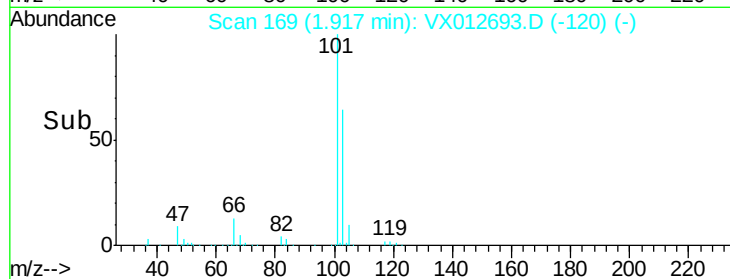
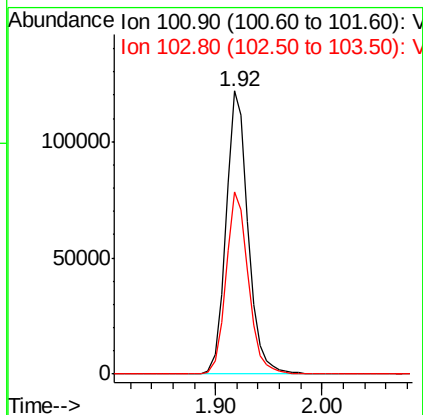
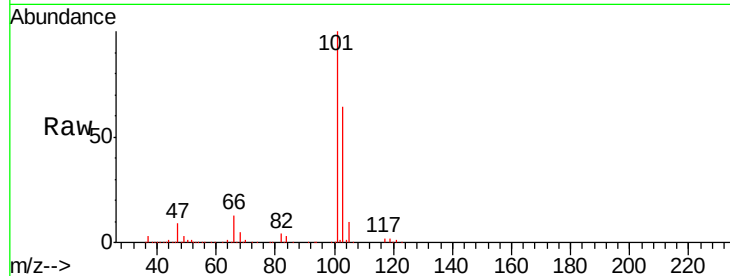


#7

Trichlorofluoromethane
Concen: 49.259 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX012693.D
Acq: 27 Sep 2019 14:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

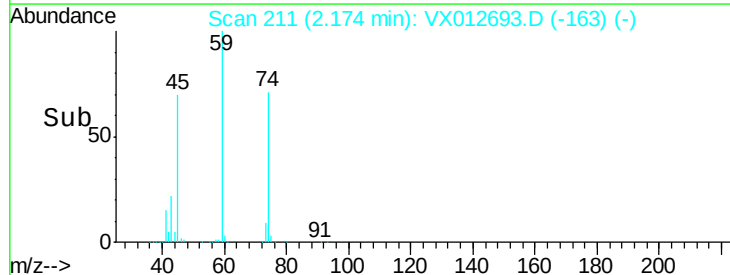
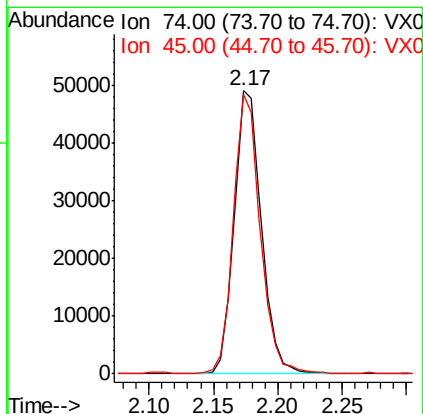
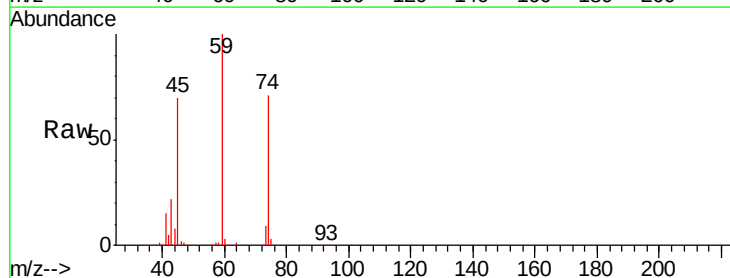
Tgt Ion: 101 Resp: 176598
Ion Ratio Lower Upper
101 100
103 64.4 51.0 76.4

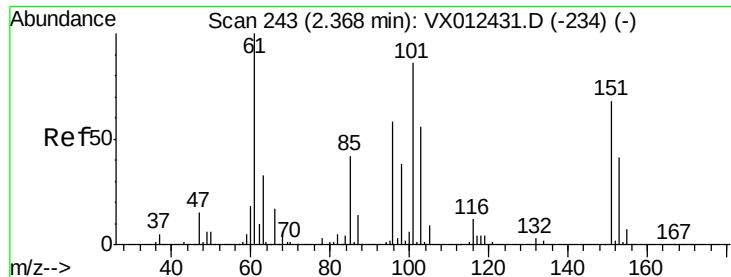


#8

Diethyl Ether
Concen: 49.193 ug/l
RT: 2.17 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX012693.D
Acq: 27 Sep 2019 14:18

Tgt Ion: 74 Resp: 72274
Ion Ratio Lower Upper
74 100
45 96.9 49.9 149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.752 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX012693.D

Acq: 27 Sep 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

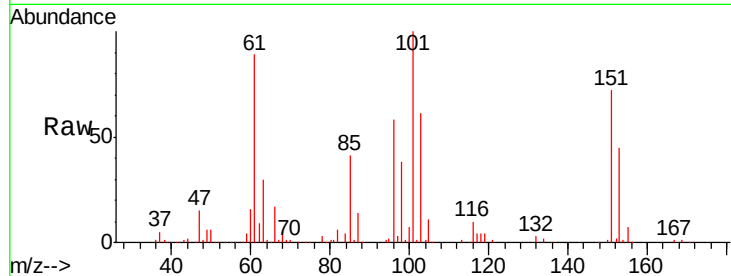
Tgt Ion:101 Resp: 104273

Ion Ratio Lower Upper

101 100

85 43.9 37.3 55.9

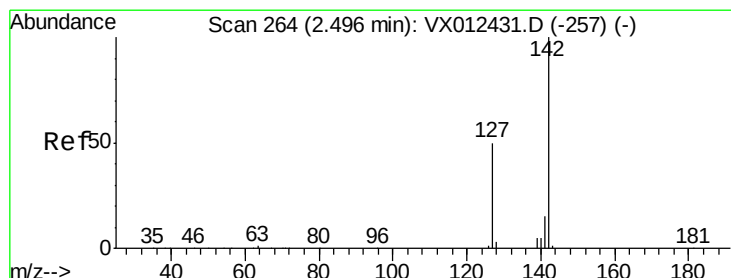
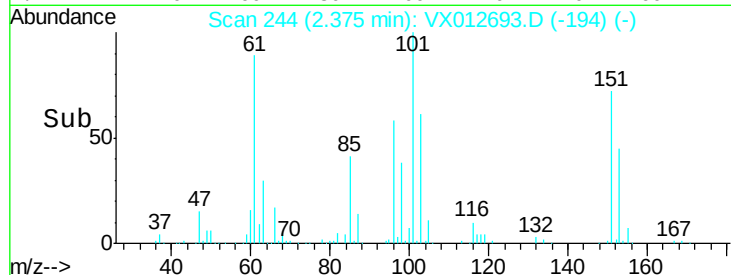
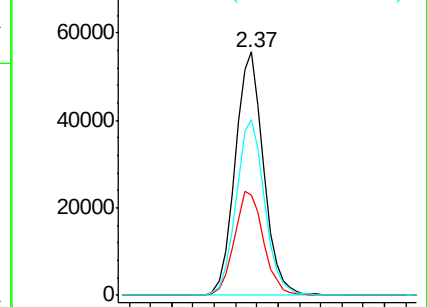
151 72.6 61.0 91.4



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: 45.392 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX012693.D

Acq: 27 Sep 2019 14:18

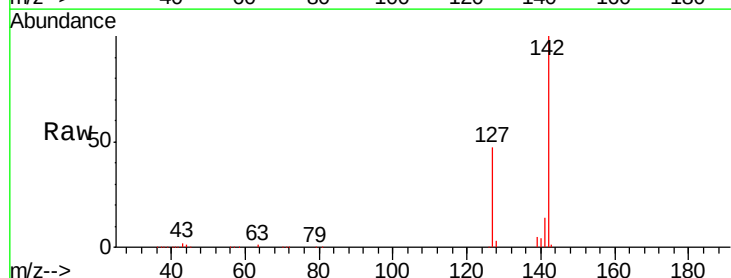
Tgt Ion:142 Resp: 103254

Ion Ratio Lower Upper

142 100

127 45.4 40.8 61.2

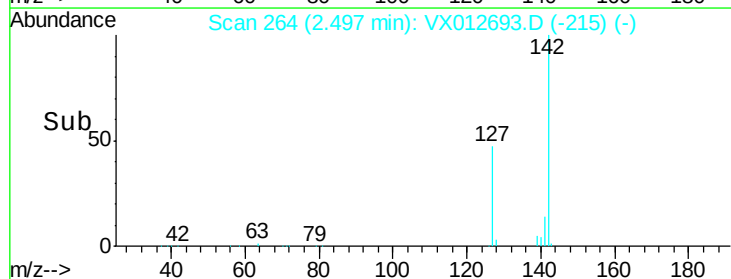
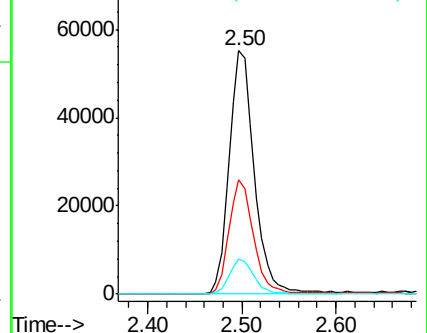
141 14.0 12.1 18.1

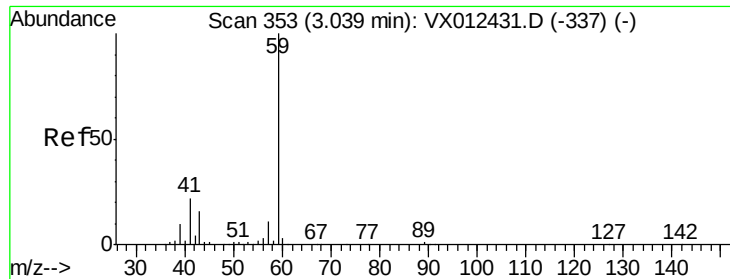


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

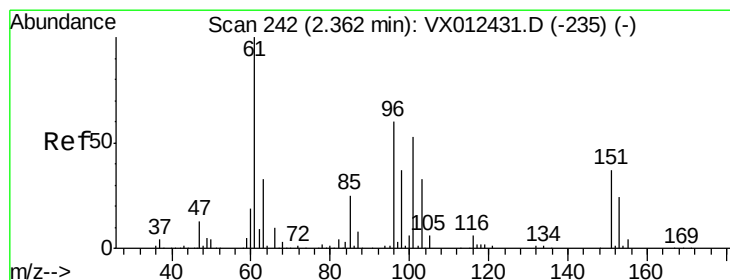
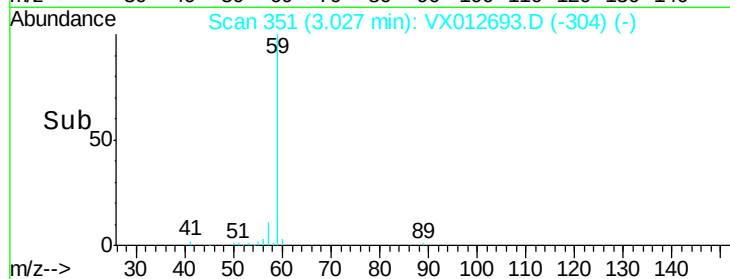
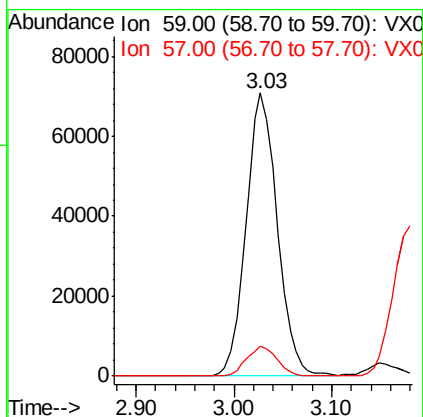
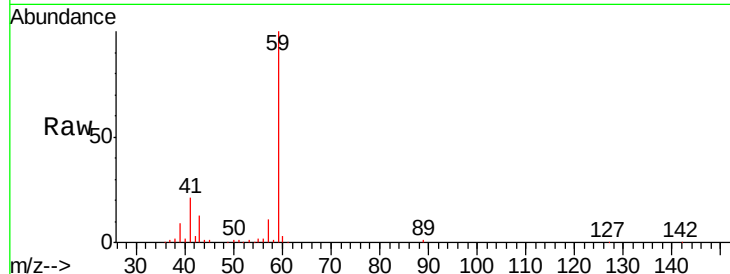




#11
Tert butyl alcohol
Concen: 216.887 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX012693.D
Acq: 27 Sep 2019 14:18

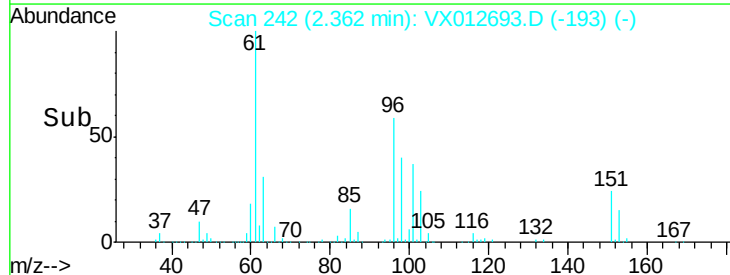
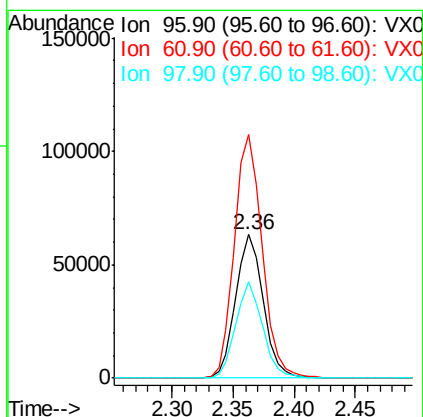
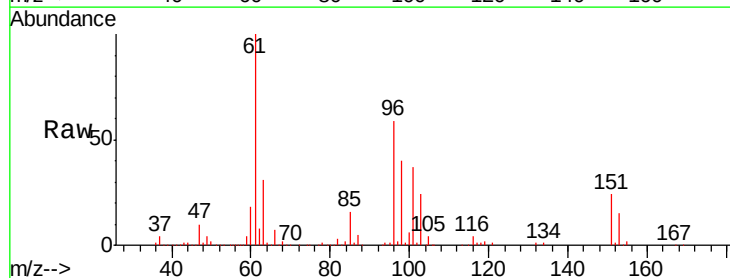
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

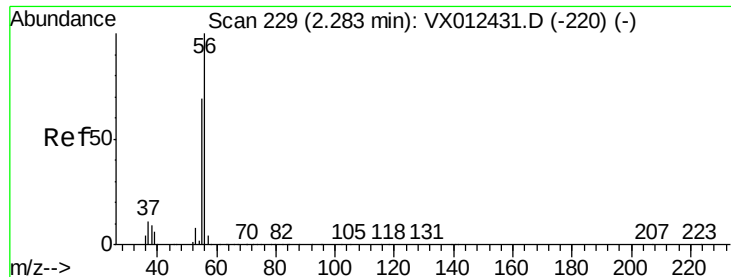
Tgt Ion: 59 Resp: 156901
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5



#12
1,1-Dichloroethene
Concen: 46.216 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX012693.D
Acq: 27 Sep 2019 14:18

Tgt Ion: 96 Resp: 98818
Ion Ratio Lower Upper
96 100
61 169.8 133.8 200.6
98 67.7 49.9 74.9





#13

Acrolein

Concen: 68.540 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012693.D

Acq: 27 Sep 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

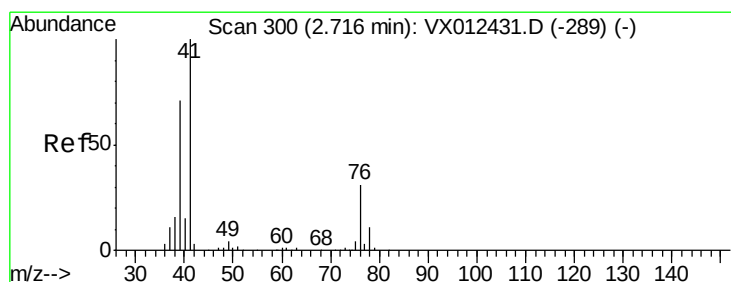
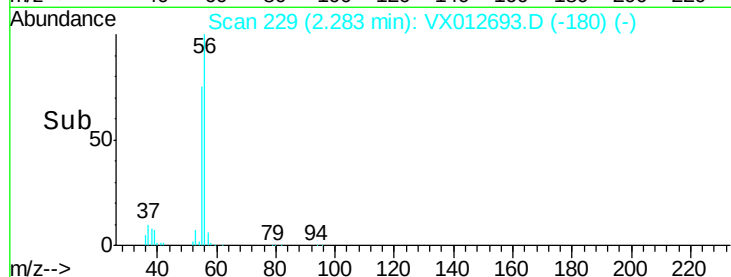
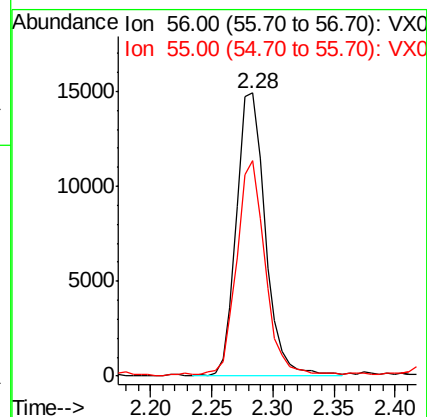
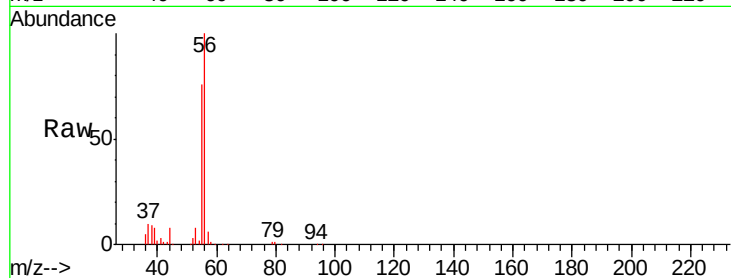
VSTDCCC050EC

Tgt Ion: 56 Resp: 24500

Ion Ratio Lower Upper

56 100

55 76.1 55.8 83.8



#14

Allyl chloride

Concen: 48.267 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX012693.D

Acq: 27 Sep 2019 14:18

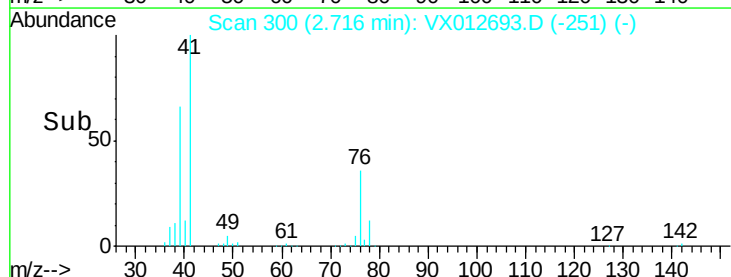
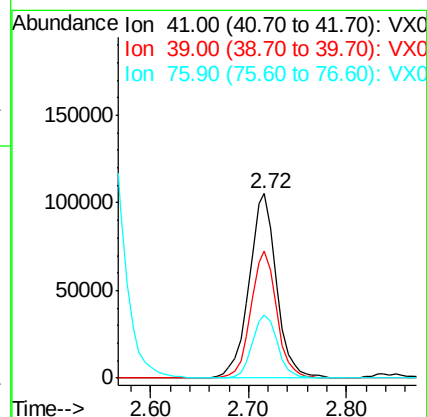
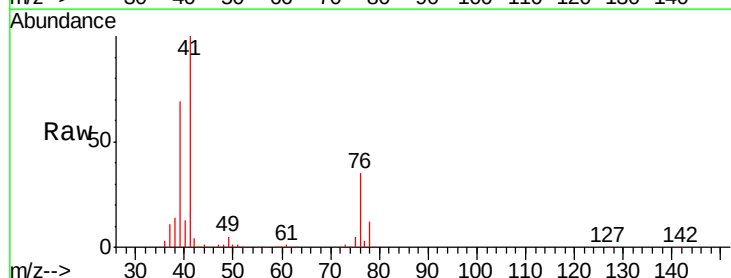
Tgt Ion: 41 Resp: 204758

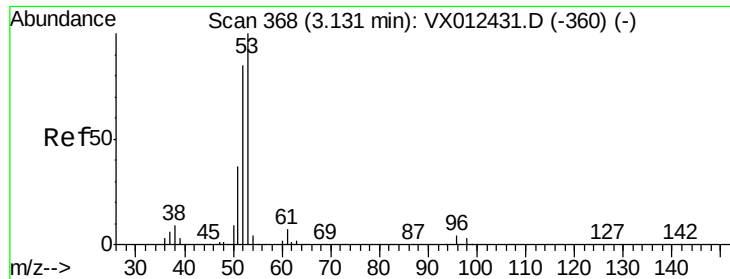
Ion Ratio Lower Upper

41 100

39 64.6 51.3 76.9

76 31.6 22.6 33.8





#15

Acrylonitrile

Concen: 231.774 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX012693.D

Acq: 27 Sep 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

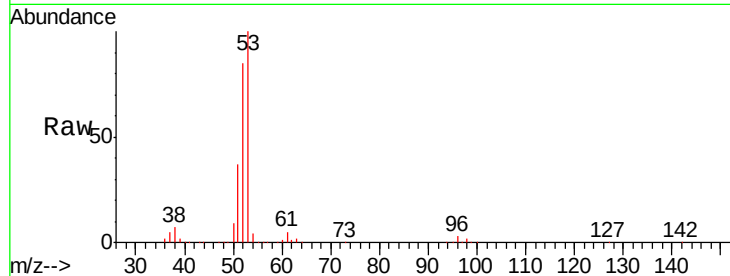
Tgt Ion: 53 Resp: 340169

Ion Ratio Lower Upper

53 100

52 82.9 67.0 100.4

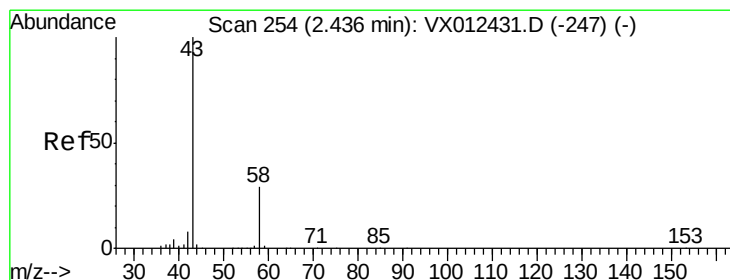
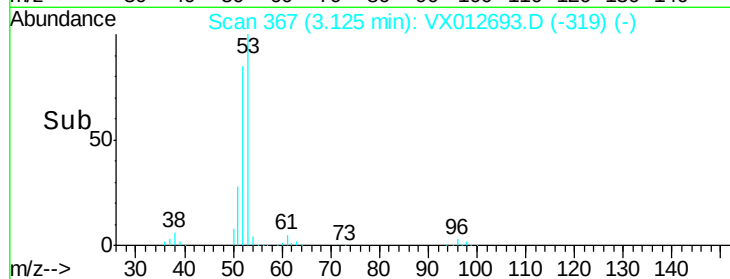
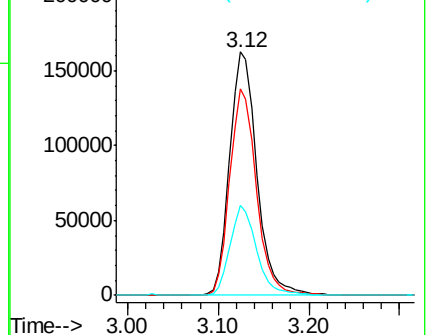
51 36.2 29.6 44.4



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: 227.788 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX012693.D

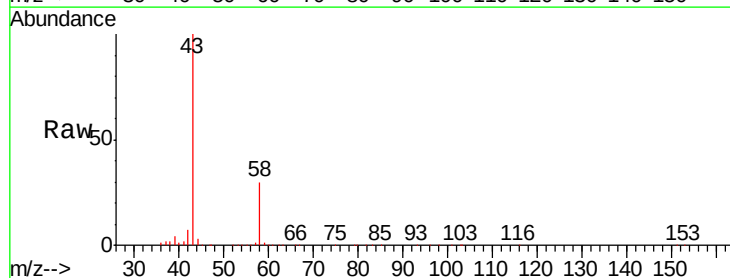
Acq: 27 Sep 2019 14:18

Tgt Ion: 43 Resp: 349408

Ion Ratio Lower Upper

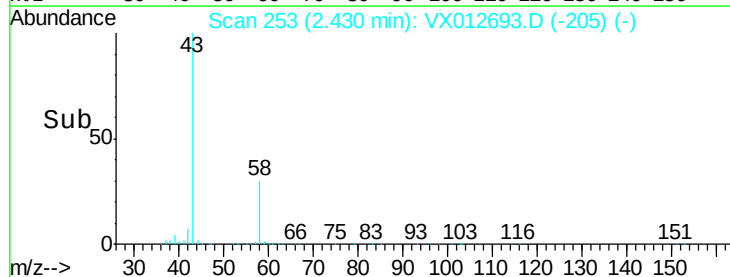
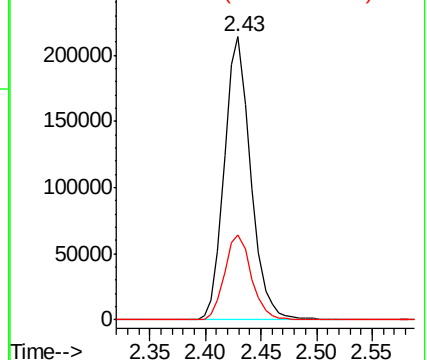
43 100

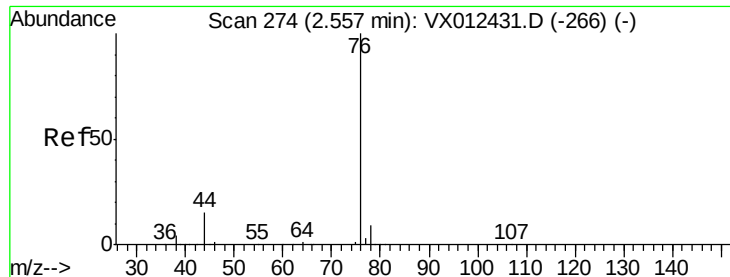
58 29.9 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 45.496 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX012693.D

Acq: 27 Sep 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

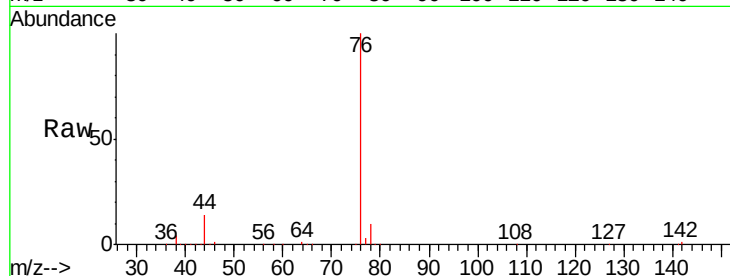
VSTDCCC050EC

Tgt Ion: 76 Resp: 272719

Ion Ratio Lower Upper

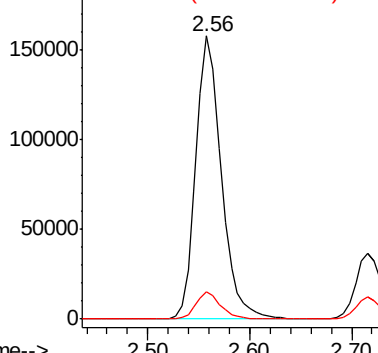
76 100

78 9.7 7.3 10.9

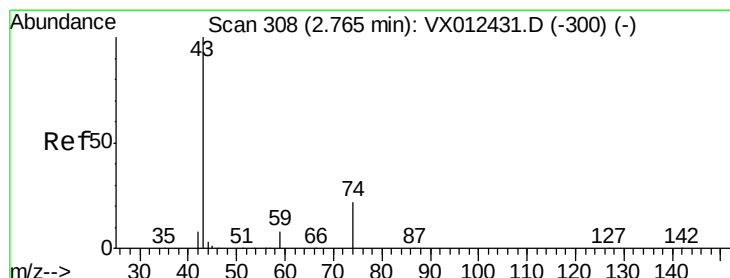
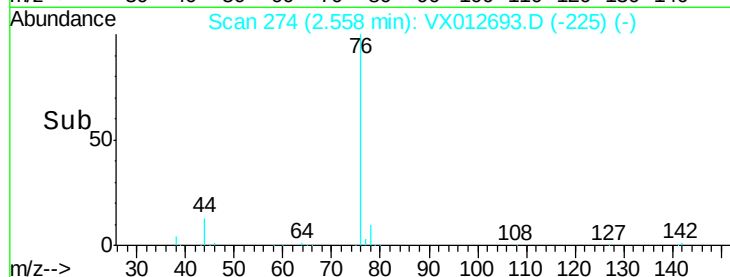


Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



Time-->



#18

Methyl Acetate

Concen: 45.380 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX012693.D

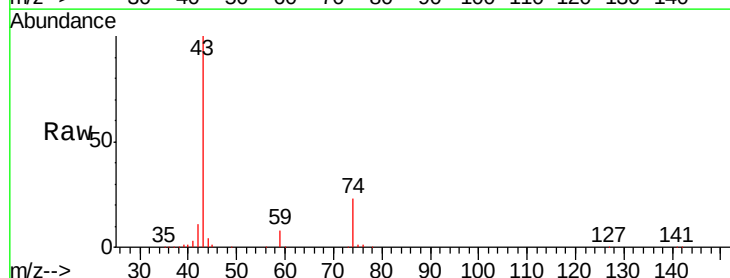
Acq: 27 Sep 2019 14:18

Tgt Ion: 43 Resp: 163907

Ion Ratio Lower Upper

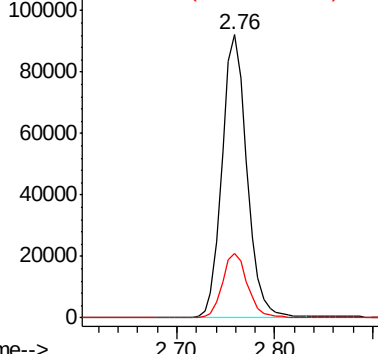
43 100

74 23.3 17.7 26.5

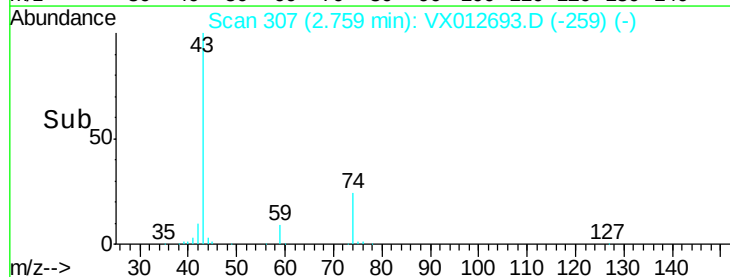


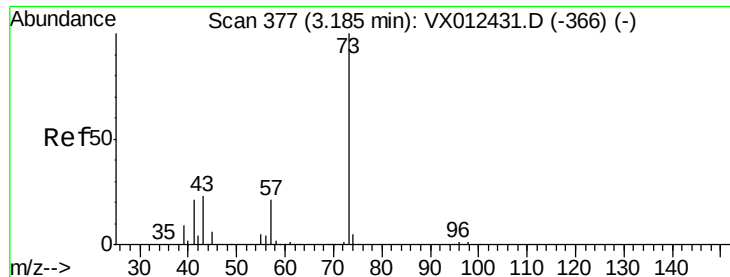
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



Time-->

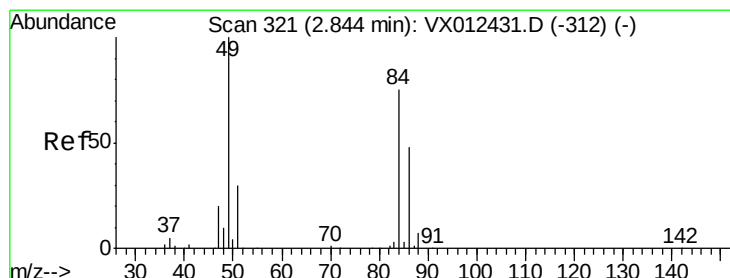
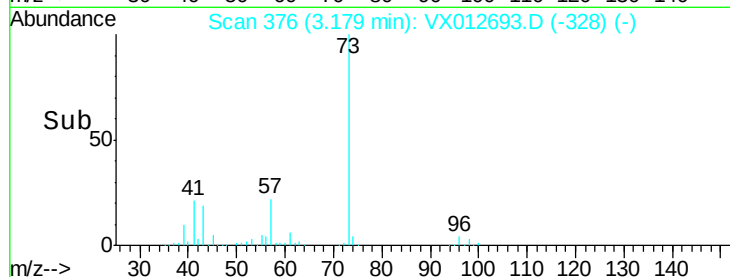
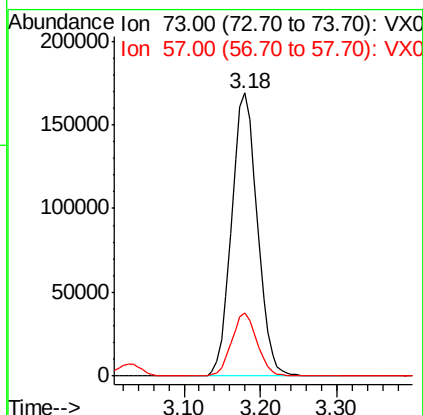
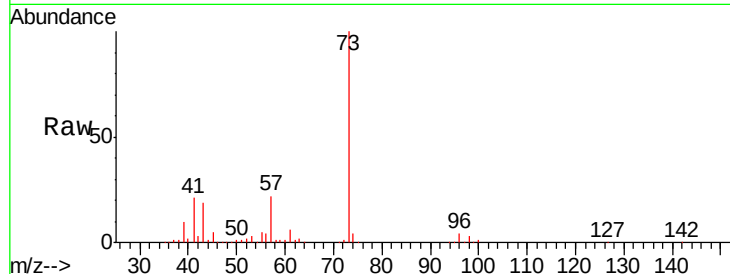




#19
Methyl tert-butyl Ether
Concen: 48.803 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX012693.D
Acq: 27 Sep 2019 14:18

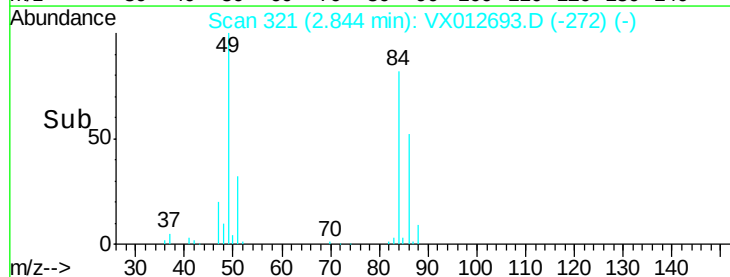
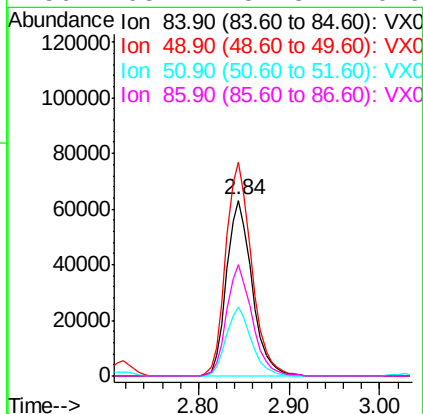
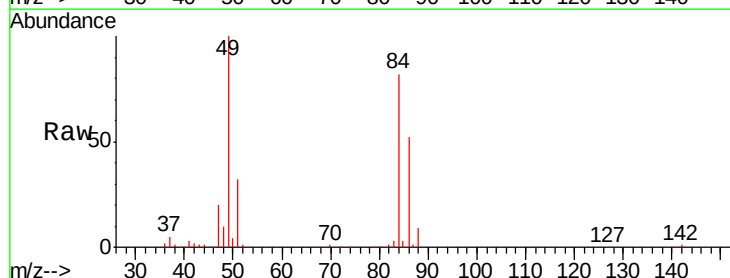
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

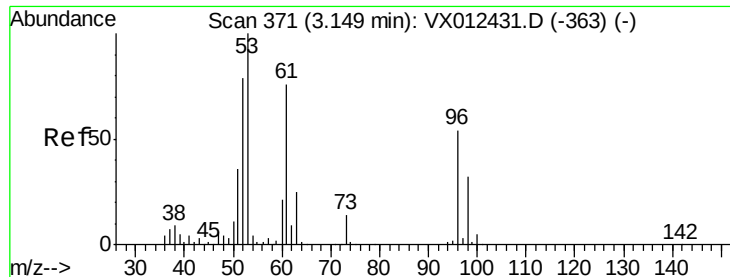
Tgt Ion: 73 Resp: 394981
Ion Ratio Lower Upper
73 100
57 22.2 16.8 25.2



#20
Methylene Chloride
Concen: 47.334 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012693.D
Acq: 27 Sep 2019 14:18

Tgt Ion: 84 Resp: 122805
Ion Ratio Lower Upper
84 100
49 121.8 106.8 160.2
51 39.2 32.3 48.5
86 63.4 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 48.403 ug/l

RT: 3.15 min Scan# 371

Delta R.T. 0.00 min

Lab File: VX012693.D

Acq: 27 Sep 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

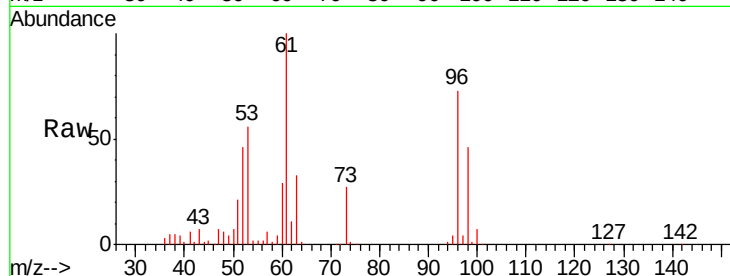
Tgt Ion: 96 Resp: 114659

Ion Ratio Lower Upper

96 100

61 137.8 112.0 168.0

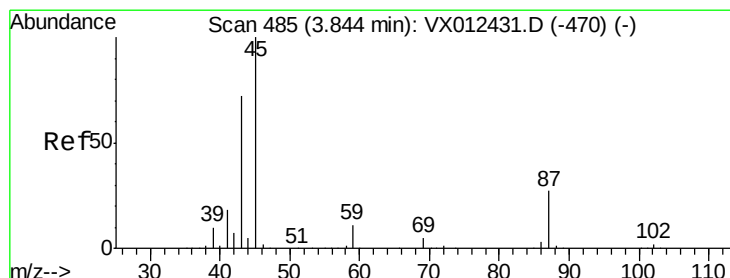
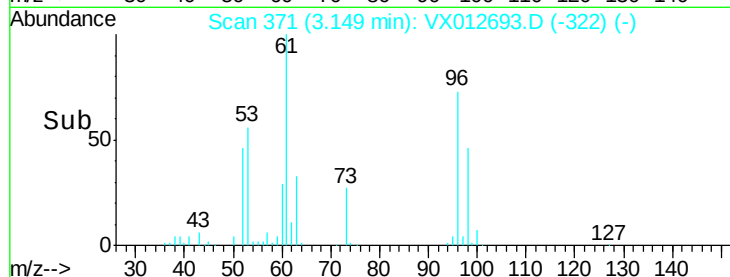
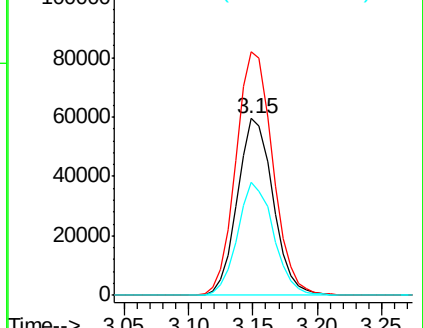
98 63.9 47.8 71.8



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: 48.592 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX012693.D

Acq: 27 Sep 2019 14:18

Tgt Ion: 45 Resp: 398312

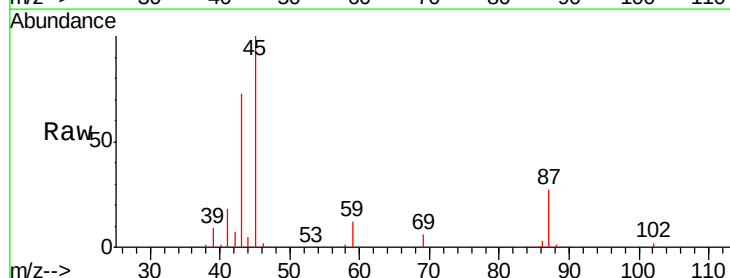
Ion Ratio Lower Upper

45 100

43 73.0 57.8 86.8

87 27.3 21.3 31.9

59 11.6 8.5 12.7

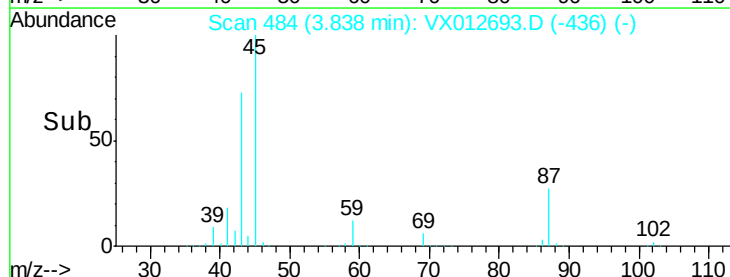
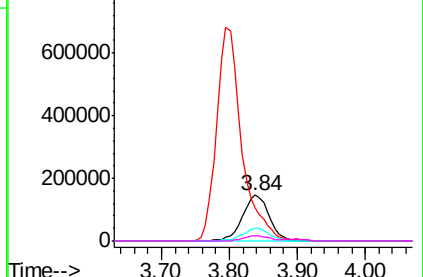


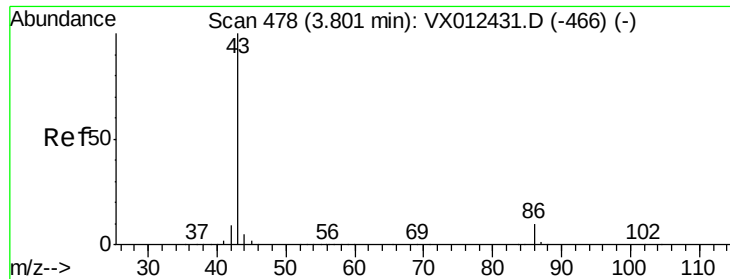
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 243.943 ug/l

RT: 3.80 min Scan# 477

Delta R.T. -0.01 min

Lab File: VX012693.D

Acq: 27 Sep 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

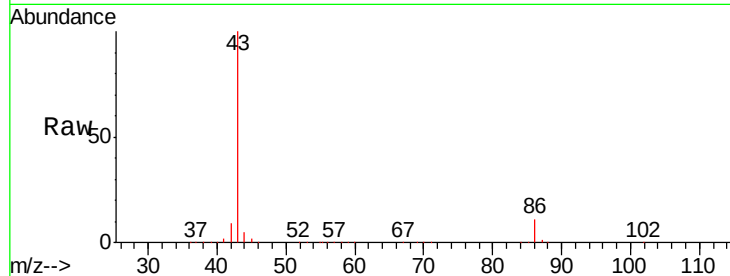
VSTDCCC050EC

Tgt Ion: 43 Resp: 1753577

Ion Ratio Lower Upper

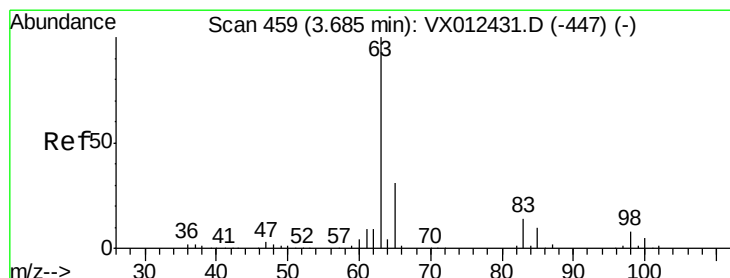
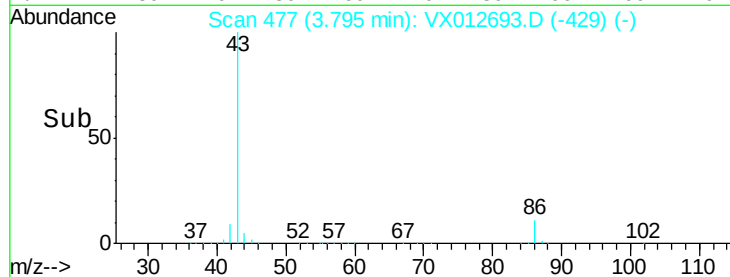
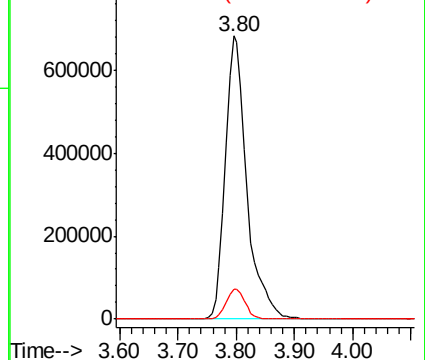
43 100

86 10.6 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 48.576 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX012693.D

Acq: 27 Sep 2019 14:18

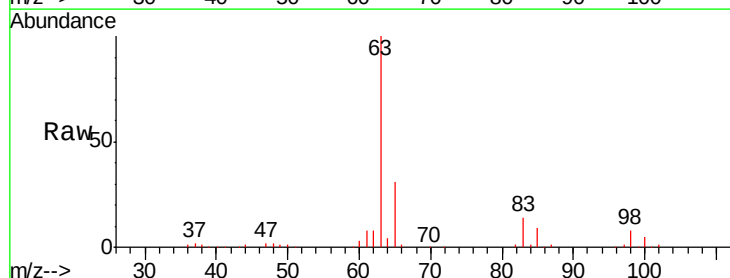
Tgt Ion: 63 Resp: 216440

Ion Ratio Lower Upper

63 100

98 7.6 3.9 11.7

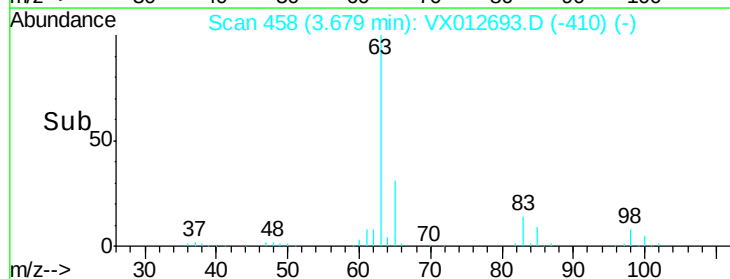
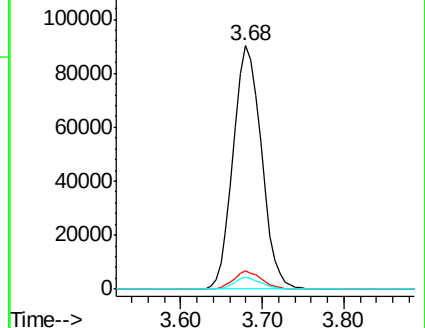
100 4.7 2.3 6.9

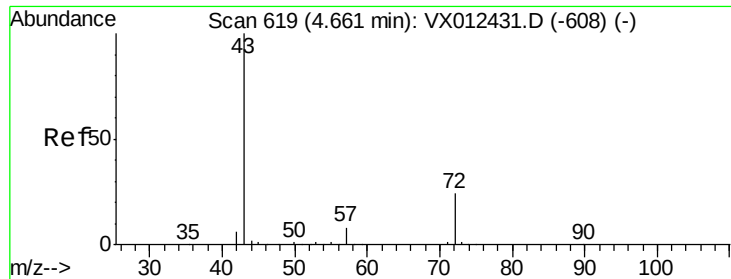


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 230.398 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX012693.D

Acq: 27 Sep 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

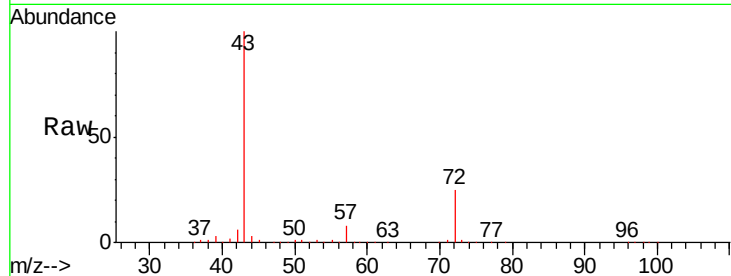
VSTDCCC050EC

Tgt Ion: 43 Resp: 506740

Ion Ratio Lower Upper

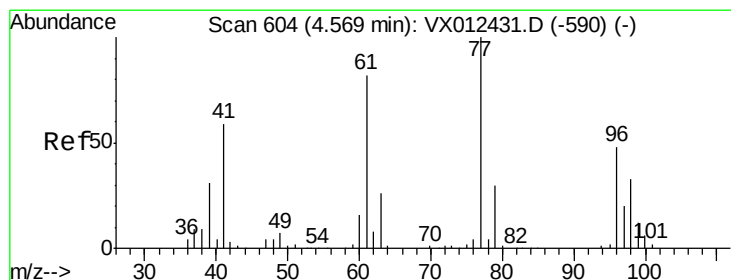
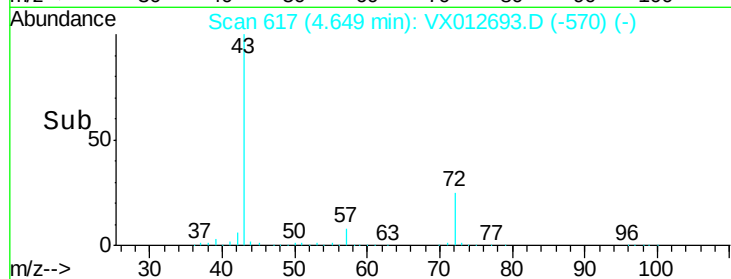
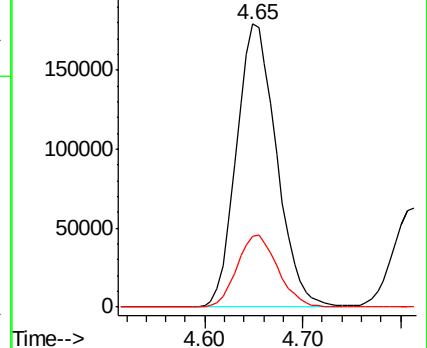
43 100

72 25.0 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 49.116 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX012693.D

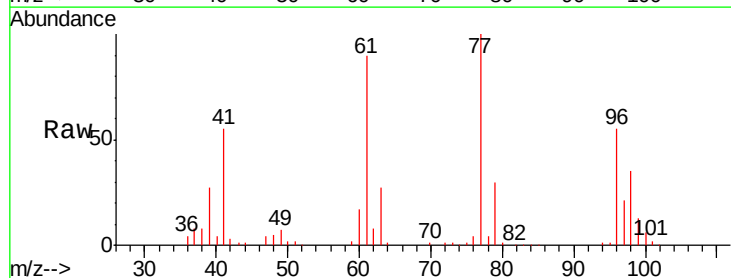
Acq: 27 Sep 2019 14:18

Tgt Ion: 77 Resp: 194641

Ion Ratio Lower Upper

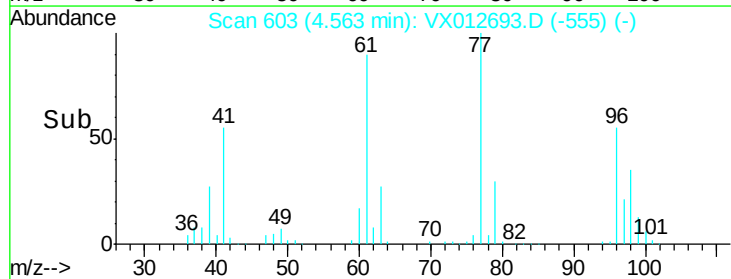
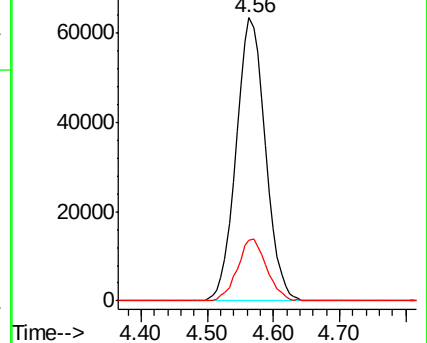
77 100

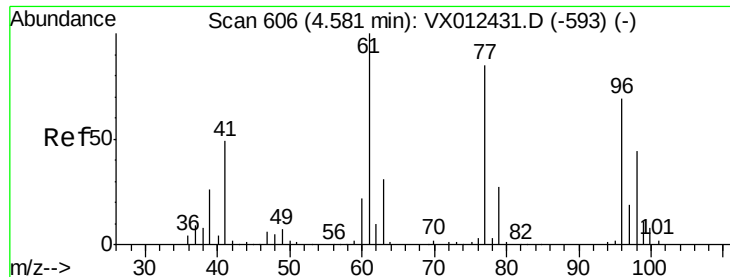
97 21.9 10.5 31.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



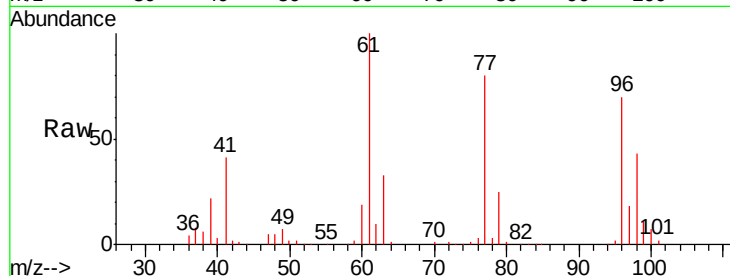


#27

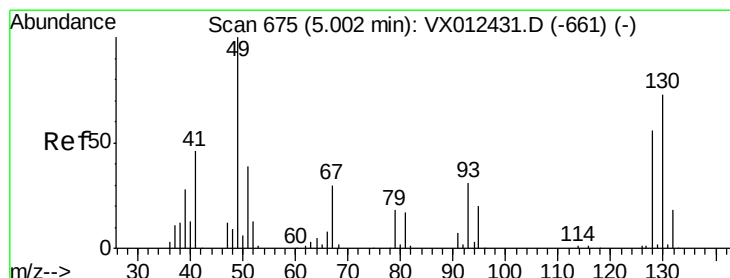
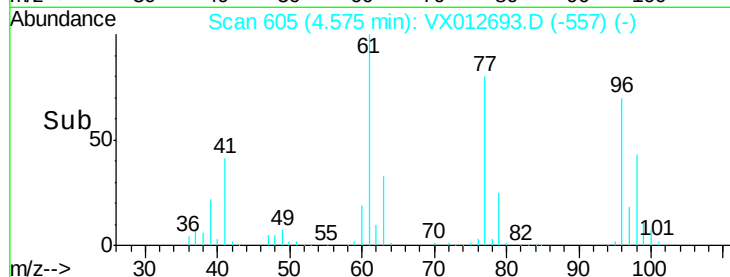
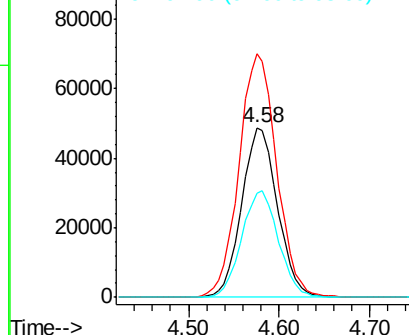
cis-1,2-Dichloroethene
Concen: 48.517 ug/l
RT: 4.58 min Scan# 605
Delta R.T. -0.01 min
Lab File: VX012693.D
Acq: 27 Sep 2019 14:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 133353
Ion Ratio Lower Upper
96 100
61 151.5 0.0 319.4
98 64.4 0.0 130.6



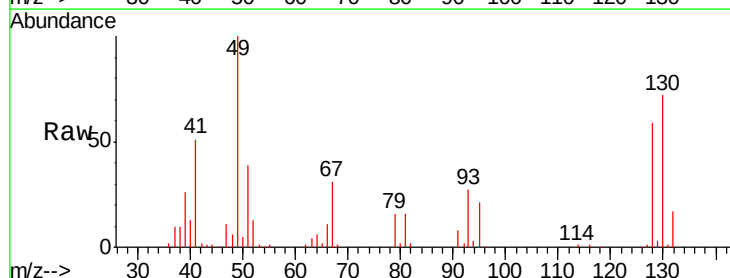
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



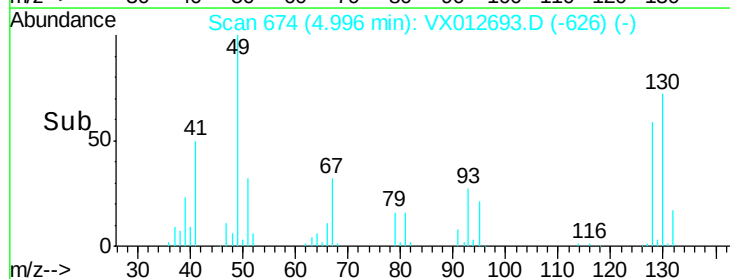
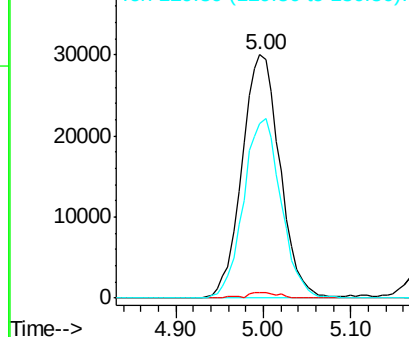
#28

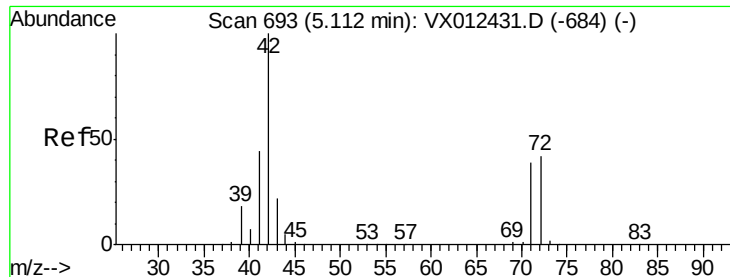
Bromochloromethane
Concen: 55.949 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX012693.D
Acq: 27 Sep 2019 14:18

Tgt Ion: 49 Resp: 90518
Ion Ratio Lower Upper
49 100
129 2.0 0.0 3.8
130 73.0 58.2 87.4



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





#29

Tetrahydrofuran

Concen: 225.844 ug/l

RT: 5.11 min Scan# 692

Delta R.T. -0.01 min

Lab File: VX012693.D

Acq: 27 Sep 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

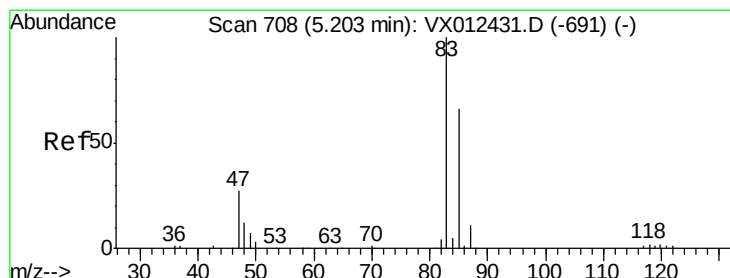
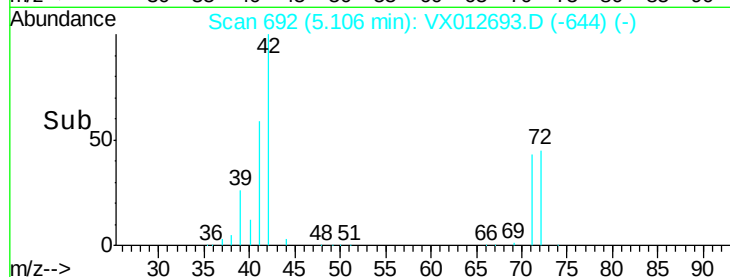
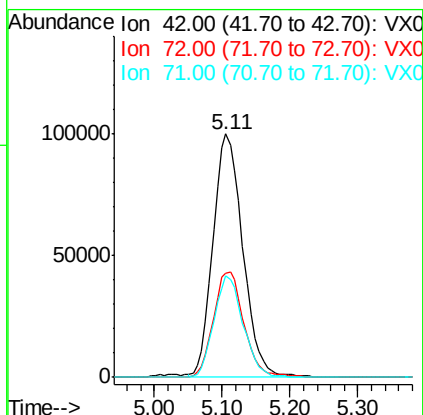
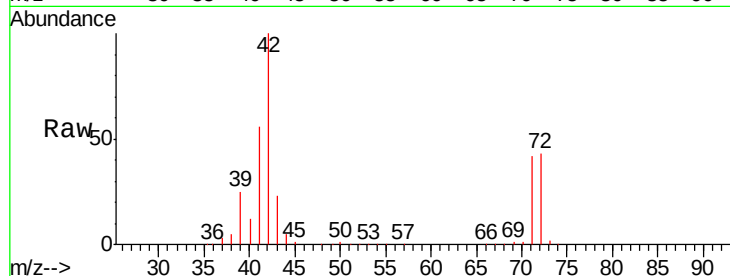
Tgt Ion: 42 Resp: 302755

Ion Ratio Lower Upper

42 100

72 44.6 34.0 51.0

71 41.1 31.5 47.3



#30

Chloroform

Concen: 48.175 ug/l

RT: 5.19 min Scan# 706

Delta R.T. -0.01 min

Lab File: VX012693.D

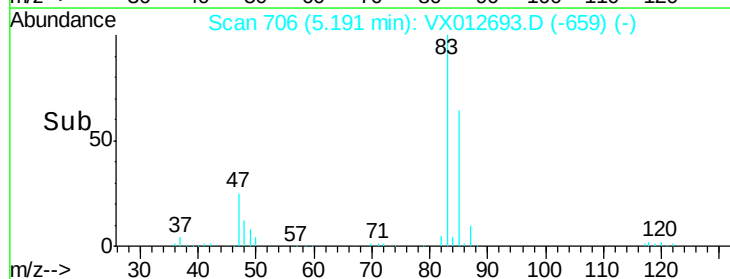
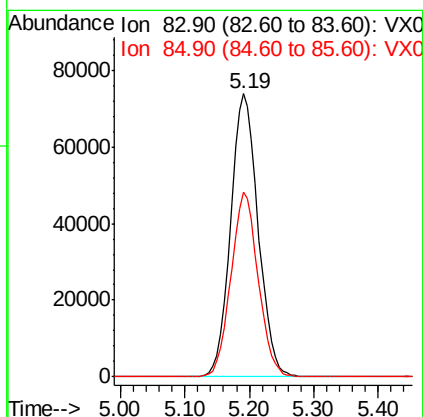
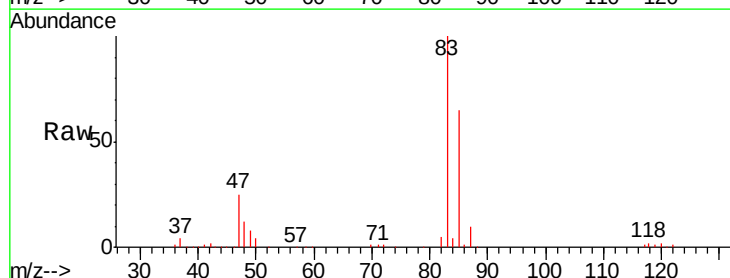
Acq: 27 Sep 2019 14:18

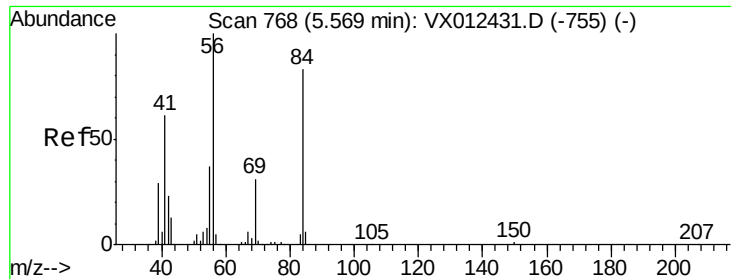
Tgt Ion: 83 Resp: 219609

Ion Ratio Lower Upper

83 100

85 65.1 53.0 79.4

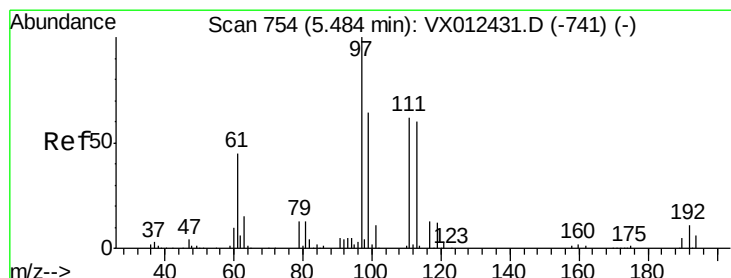
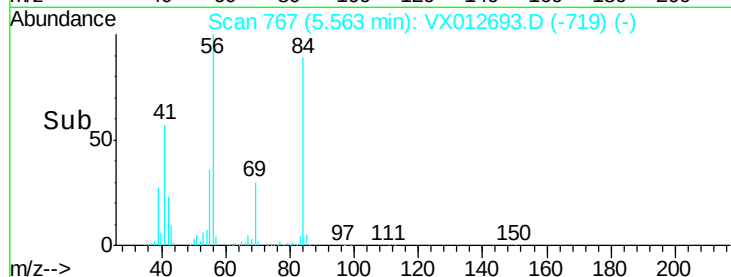
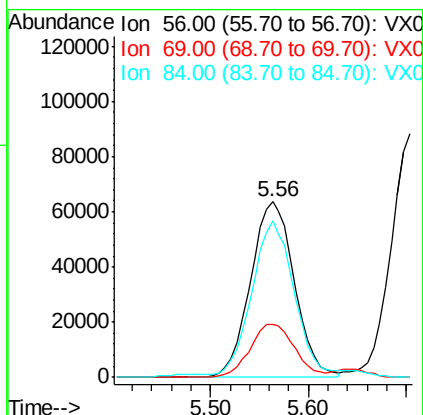
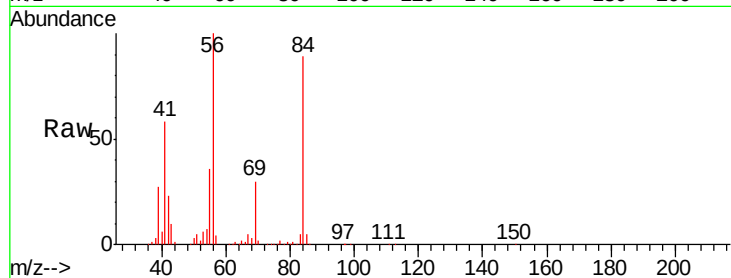




#31
Cyclohexane
Concen: 49.066 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX012693.D
Acq: 27 Sep 2019 14:18

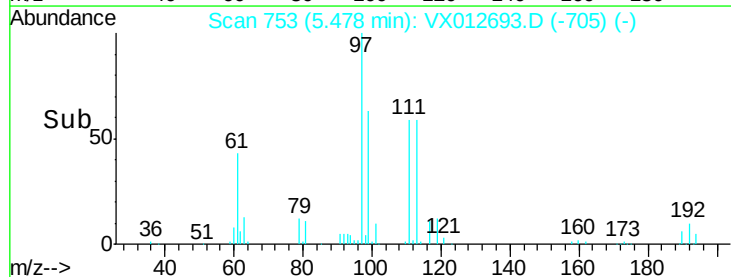
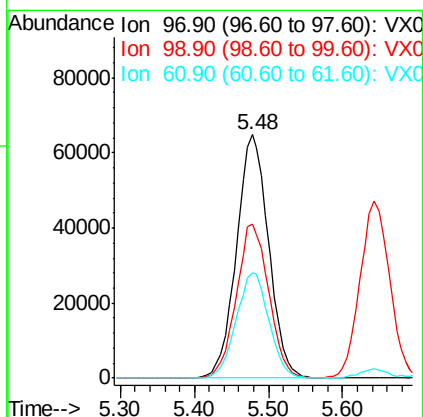
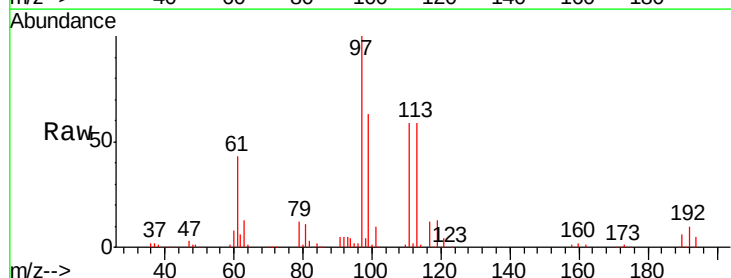
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

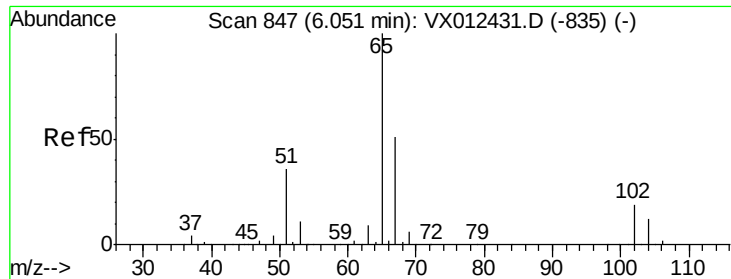
Tgt Ion: 56 Resp: 197784
Ion Ratio Lower Upper
56 100
69 30.0 25.0 37.6
84 87.4 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 48.499 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX012693.D
Acq: 27 Sep 2019 14:18

Tgt Ion: 97 Resp: 195945
Ion Ratio Lower Upper
97 100
99 63.9 51.3 76.9
61 44.3 36.1 54.1

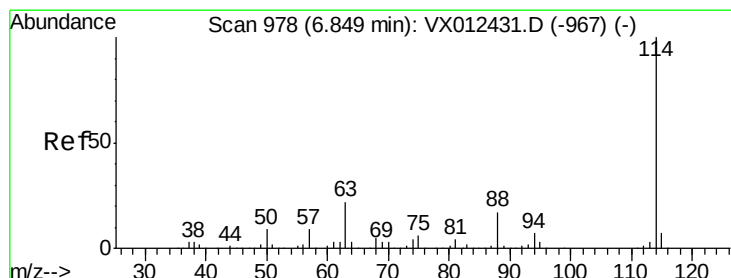
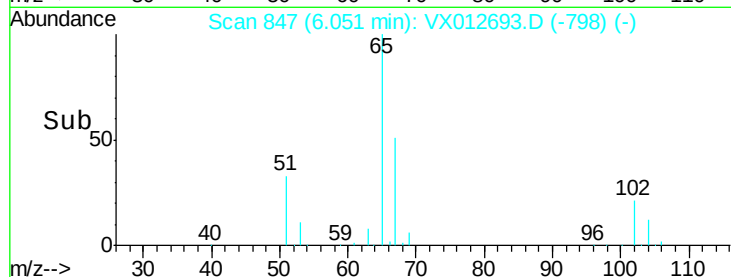
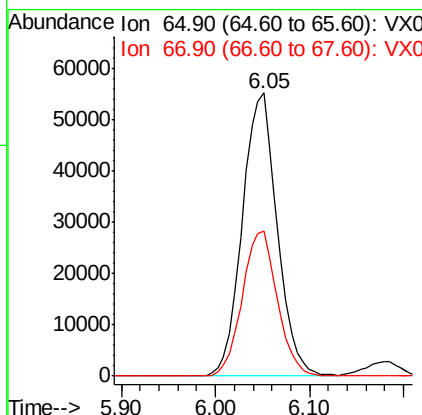
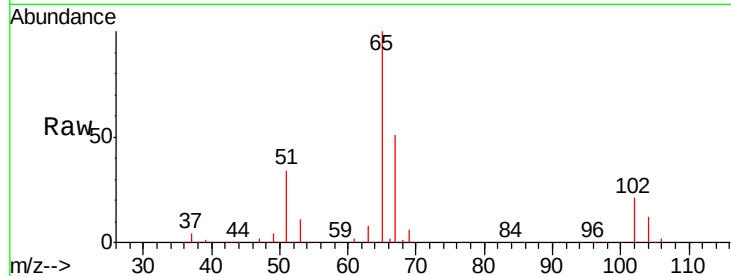




#33
 1,2-Dichloroethane-d4
 Concen: 49.529 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012693.D
 Acq: 27 Sep 2019 14:18

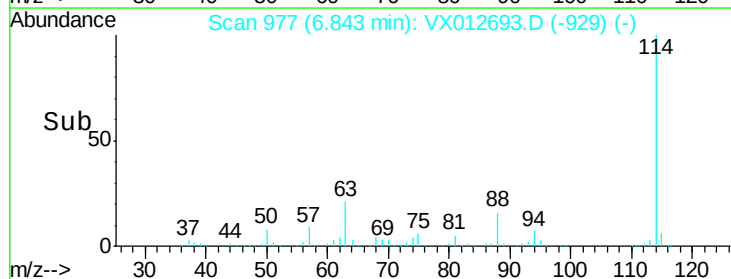
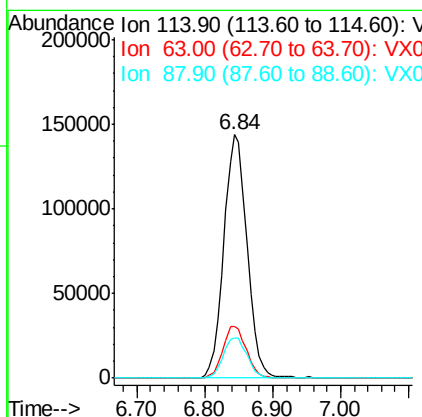
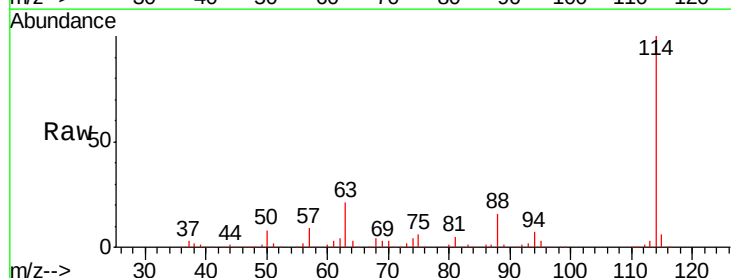
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

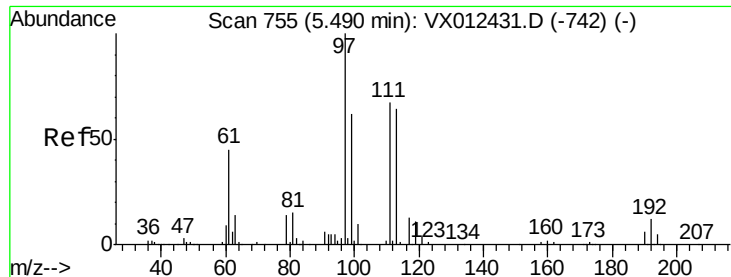
Tgt Ion: 65 Resp: 143434
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX012693.D
 Acq: 27 Sep 2019 14:18

Tgt Ion: 114 Resp: 340808
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 43.2
 88 16.4 0.0 33.2

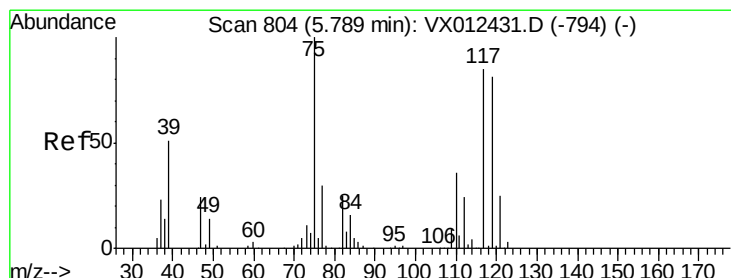
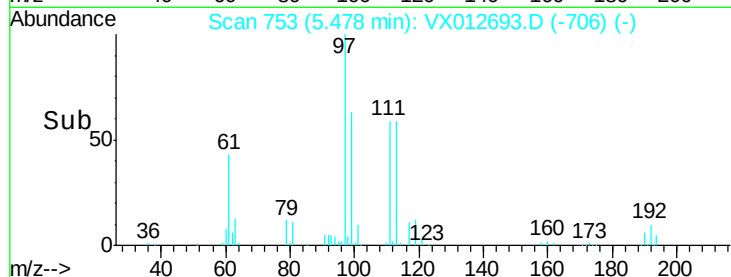
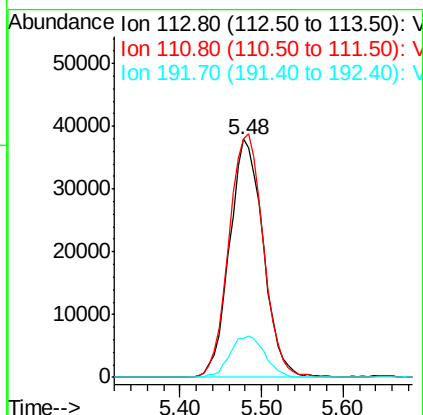
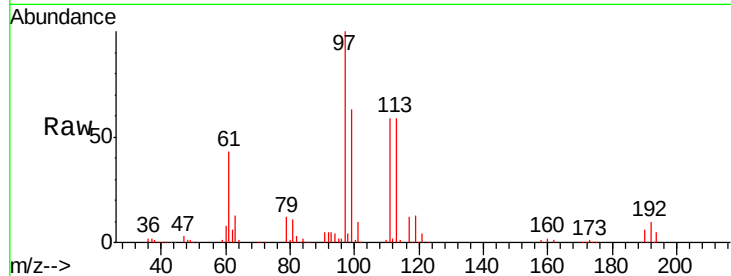




#35
 Dibromofluoromethane
 Concen: 53.231 ug/l
 RT: 5.48 min Scan# 753
 Delta R.T. -0.01 min
 Lab File: VX012693.D
 Acq: 27 Sep 2019 14:18

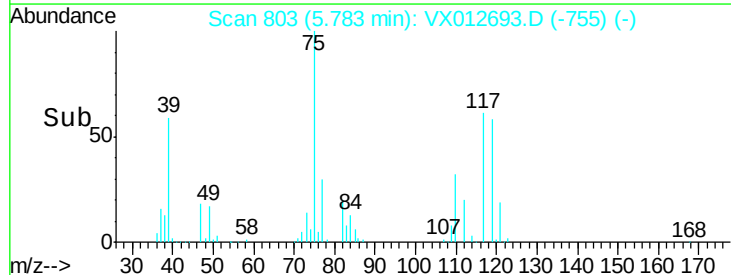
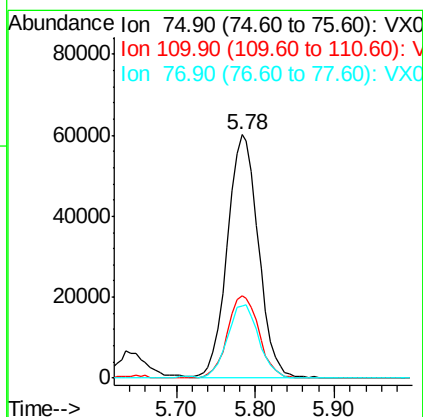
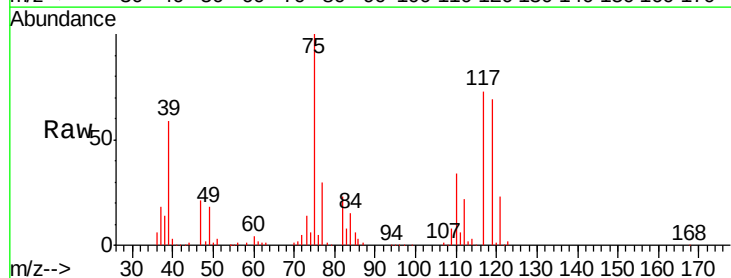
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

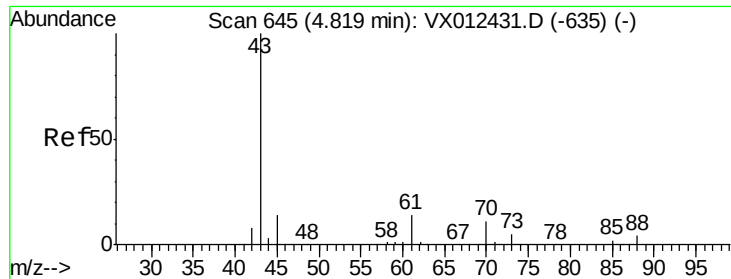
Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.7	83.4	125.2
192	18.0	14.4	21.6



#36
 1,1-Dichloropropene
 Concen: 49.906 ug/l
 RT: 5.78 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: VX012693.D
 Acq: 27 Sep 2019 14:18

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.5	16.7	50.0
77	31.2	24.2	36.2

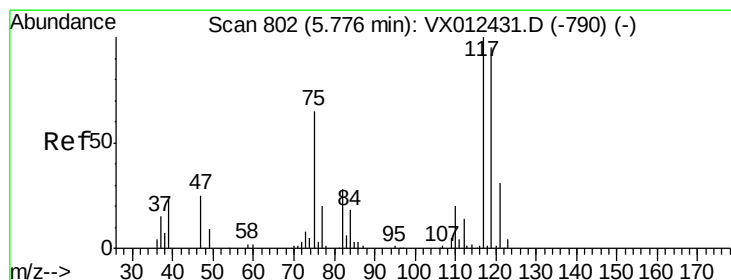
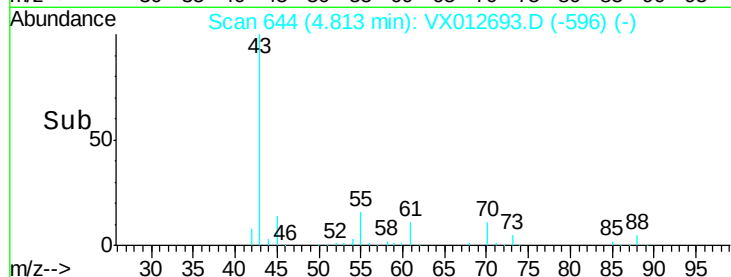
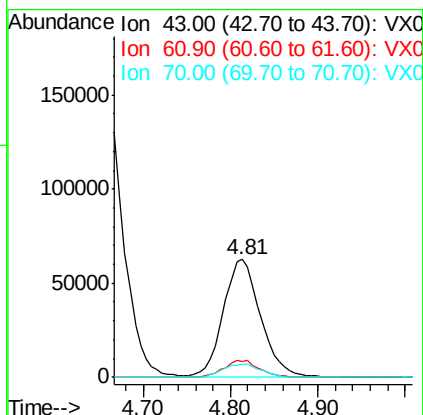
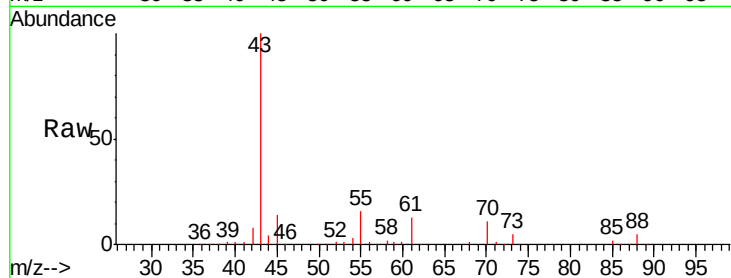




#37
Ethyl Acetate
Concen: 47.631 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX012693.D
Acq: 27 Sep 2019 14:18

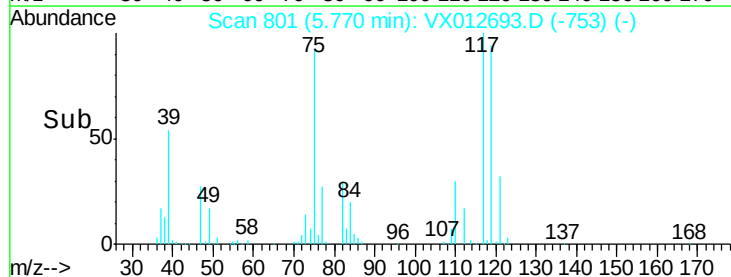
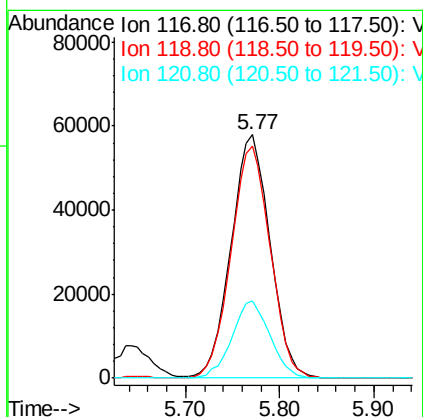
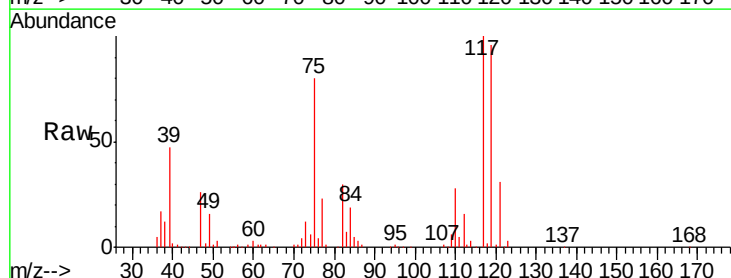
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

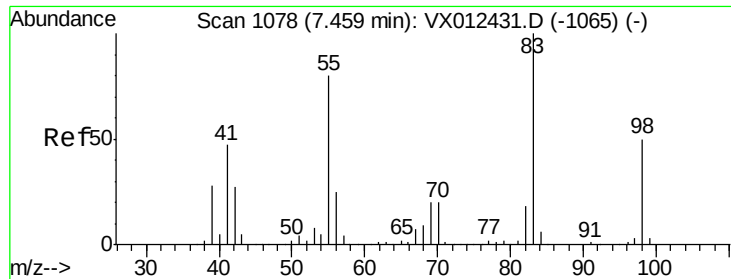
Tgt Ion: 43 Resp: 182929
Ion Ratio Lower Upper
43 100
61 13.7 10.2 15.4
70 11.9 8.7 13.1



#38
Carbon Tetrachloride
Concen: 49.897 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX012693.D
Acq: 27 Sep 2019 14:18

Tgt Ion: 117 Resp: 166508
Ion Ratio Lower Upper
117 100
119 95.7 75.7 113.5
121 31.5 24.2 36.4

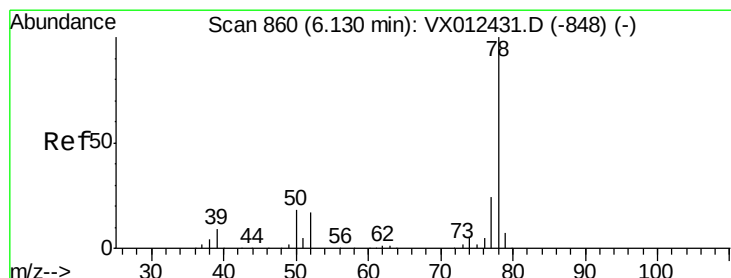
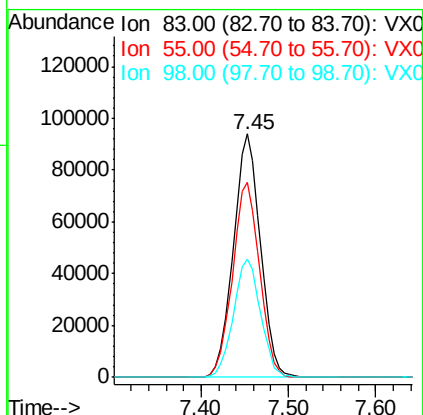
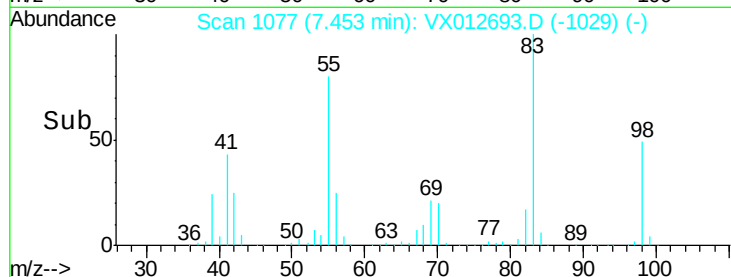
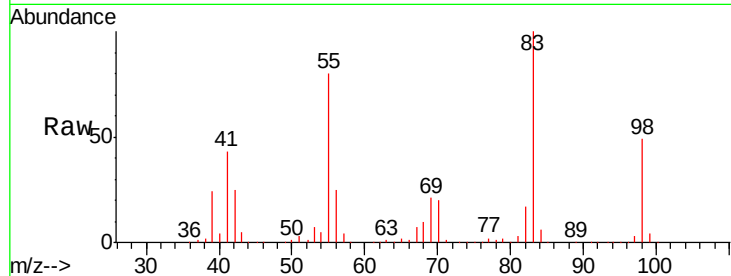




#39
Methylcyclohexane
Concen: 50.949 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX012693.D
Acq: 27 Sep 2019 14:18

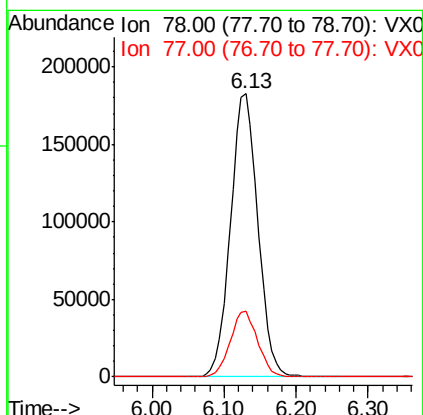
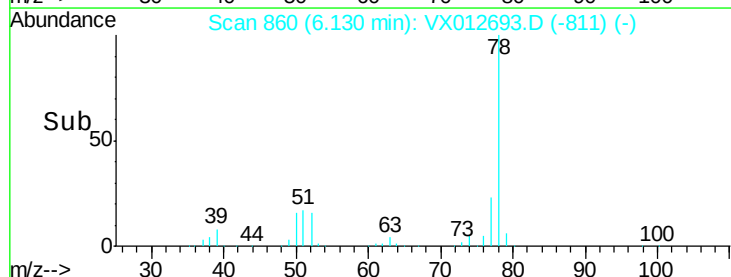
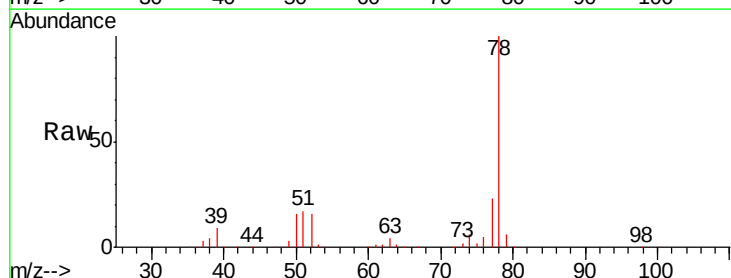
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

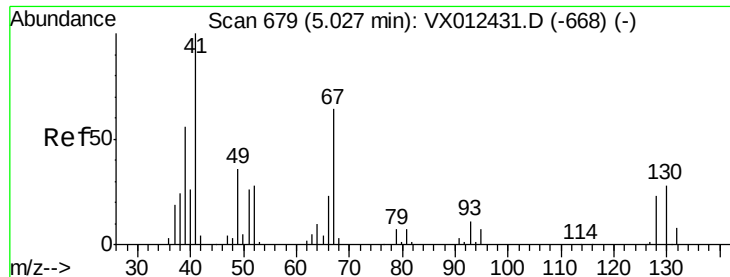
Tgt Ion: 83 Resp: 201491
Ion Ratio Lower Upper
83 100
55 80.1 64.4 96.6
98 48.6 40.1 60.1



#40
Benzene
Concen: 49.895 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX012693.D
Acq: 27 Sep 2019 14:18

Tgt Ion: 78 Resp: 482255
Ion Ratio Lower Upper
78 100
77 23.3 19.2 28.8





#41

Methacrylonitrile

Concen: 47.550 ug/l

RT: 5.02 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX012693.D

Acq: 27 Sep 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 102462

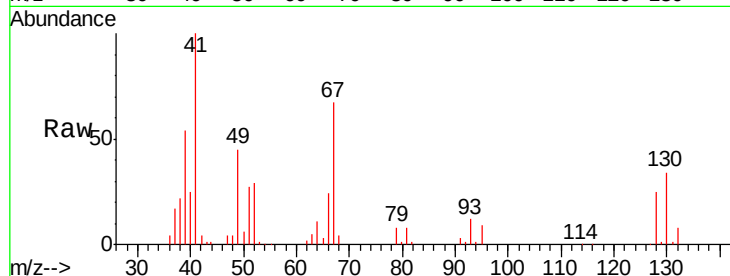
Ion Ratio Lower Upper

41 100

39 54.6 46.0 69.0

67 69.1 52.2 78.2

52 29.8 22.7 34.1



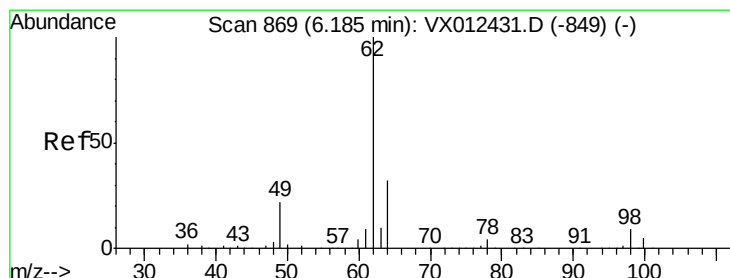
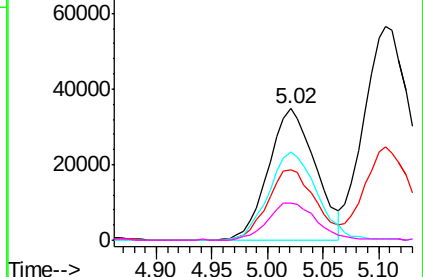
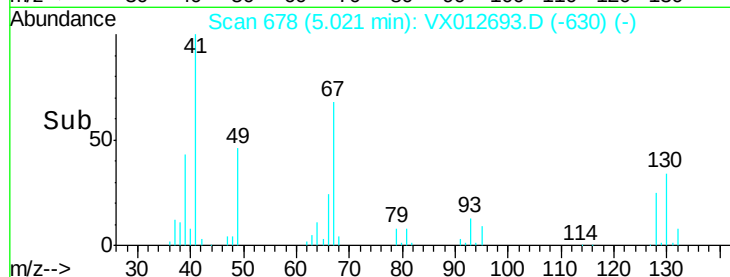
Abundance Ion 41.00 (40.70 to 41.70): VX0

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

Time-->



#42

1,2-Dichloroethane

Concen: 48.992 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX012693.D

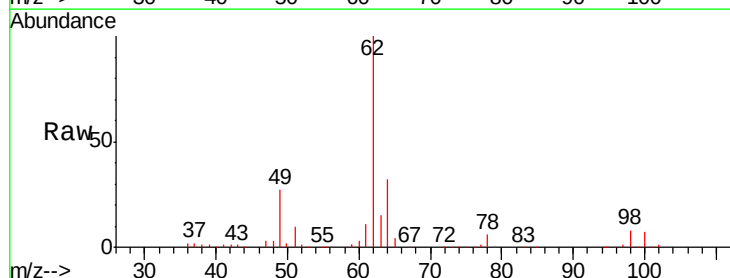
Acq: 27 Sep 2019 14:18

Tgt Ion: 62 Resp: 179819

Ion Ratio Lower Upper

62 100

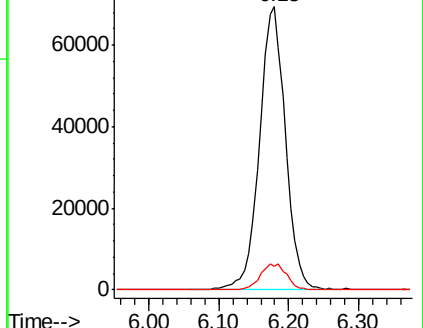
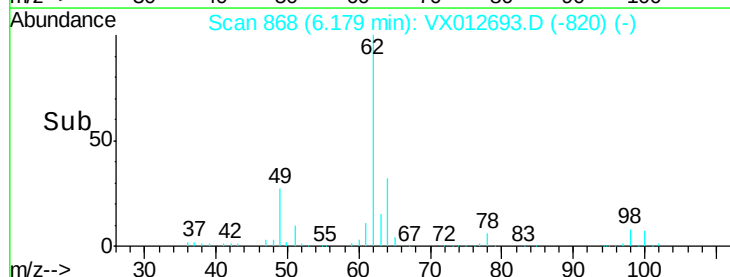
98 9.6 0.0 17.8

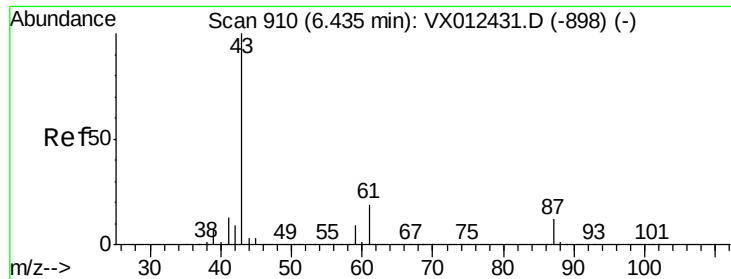


Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Time-->





#43

Isopropyl Acetate

Concen: 47.606 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX012693.D

Acq: 27 Sep 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

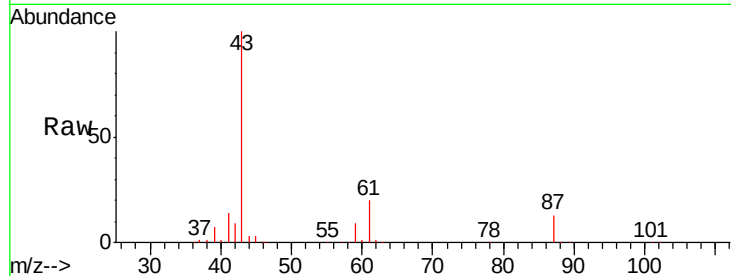
Tgt Ion: 43 Resp: 305751

Ion Ratio Lower Upper

43 100

61 20.3 15.4 23.0

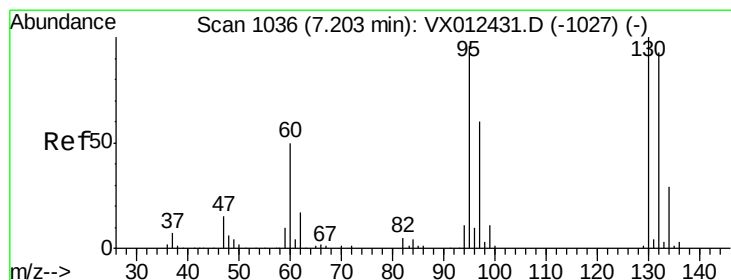
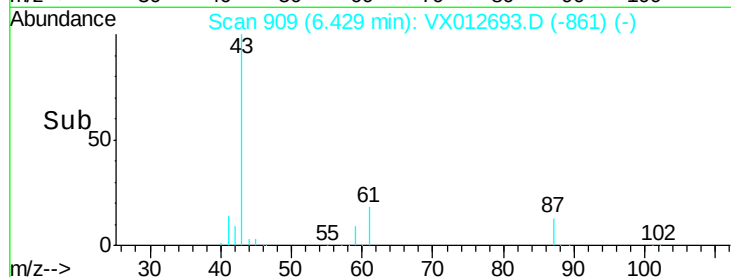
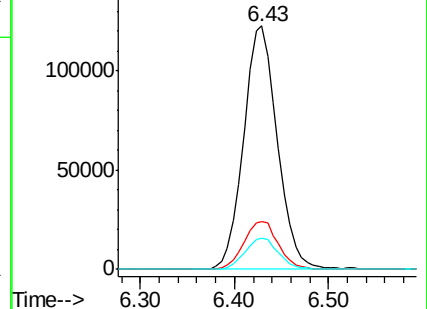
87 13.0 9.8 14.8



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: 50.314 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VX012693.D

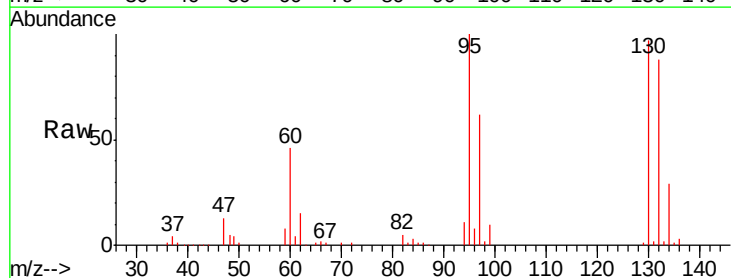
Acq: 27 Sep 2019 14:18

Tgt Ion: 130 Resp: 124322

Ion Ratio Lower Upper

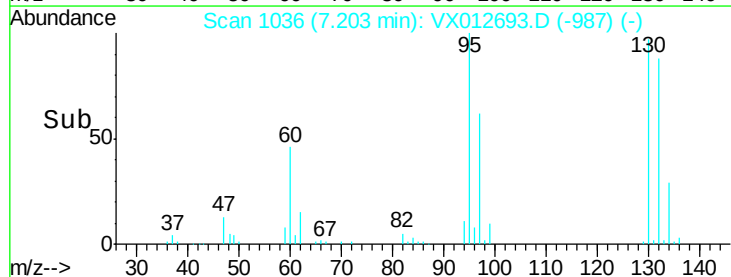
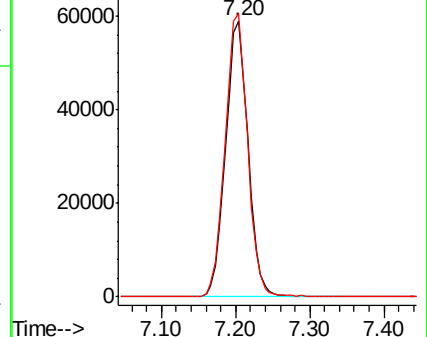
130 100

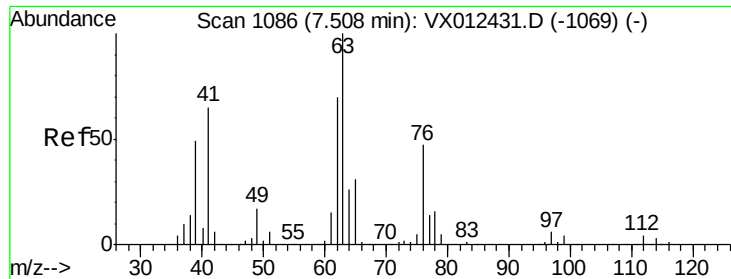
95 102.6 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

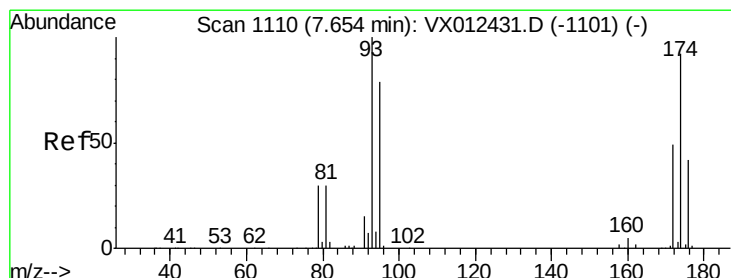
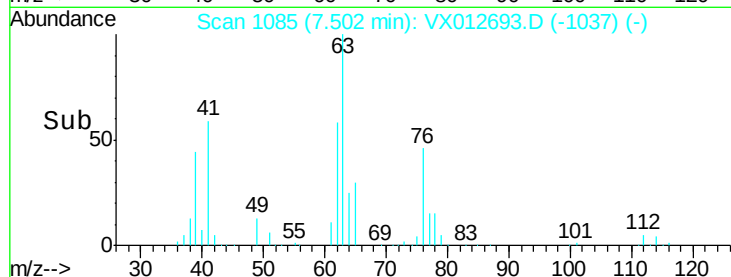
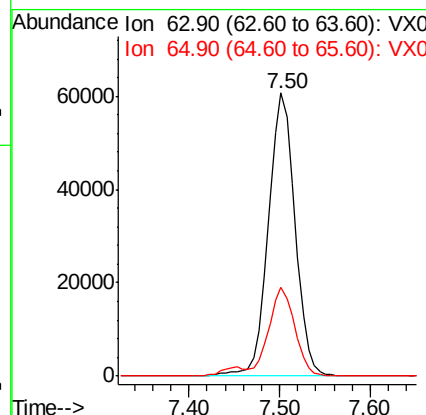
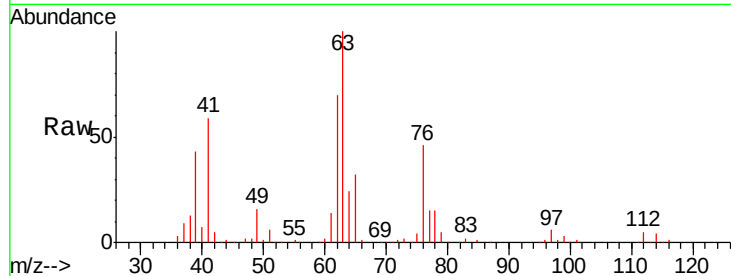




#45
 1,2-Dichloropropane
 Concen: 49.968 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX012693.D
 Acq: 27 Sep 2019 14:18

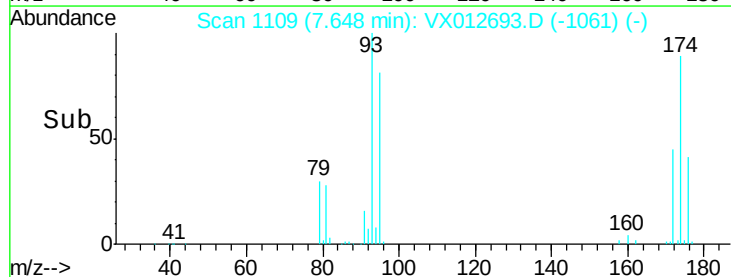
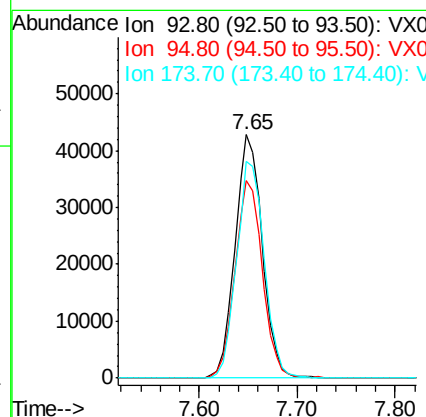
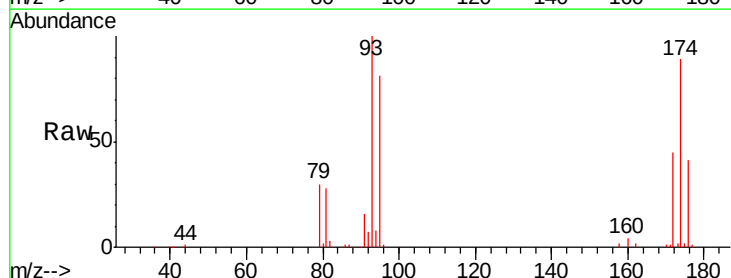
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

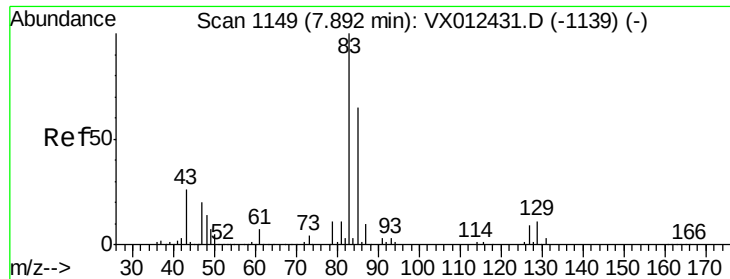
Tgt Ion: 63 Resp: 123649
 Ion Ratio Lower Upper
 63 100
 65 31.5 25.0 37.6



#46
 Dibromomethane
 Concen: 49.019 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX012693.D
 Acq: 27 Sep 2019 14:18

Tgt Ion: 93 Resp: 82589
 Ion Ratio Lower Upper
 93 100
 95 81.9 66.6 100.0
 174 90.7 77.4 116.0





#47

Bromodichloromethane

Concen: 50.469 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX012693.D

Acq: 27 Sep 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

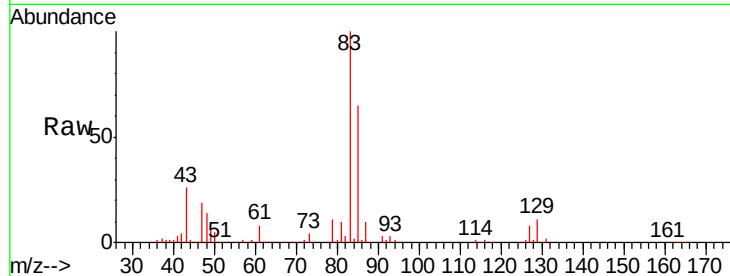
Tgt Ion: 83 Resp: 169948

Ion Ratio Lower Upper

83 100

85 64.6 51.8 77.6

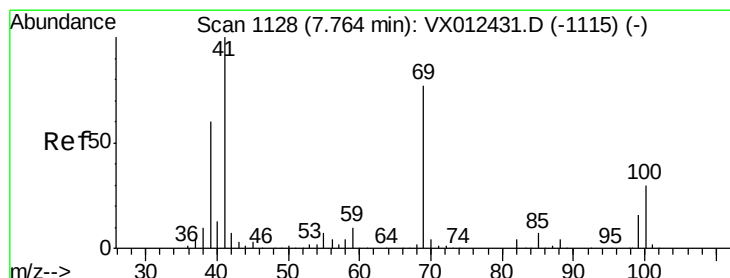
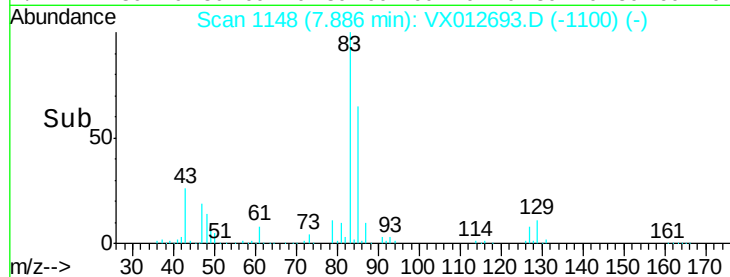
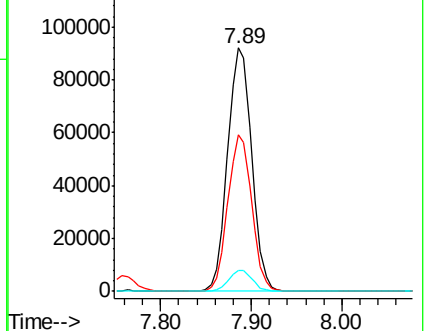
127 8.5 7.3 10.9



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: 48.428 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX012693.D

Acq: 27 Sep 2019 14:18

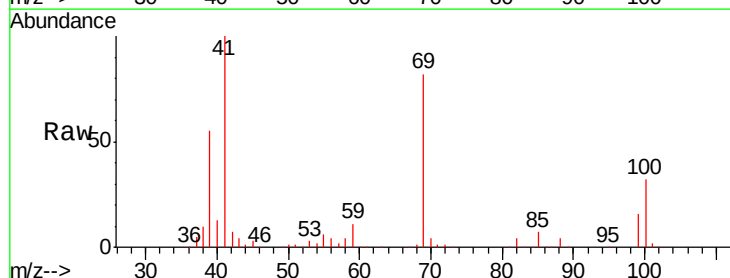
Tgt Ion: 41 Resp: 149138

Ion Ratio Lower Upper

41 100

69 81.3 59.9 89.9

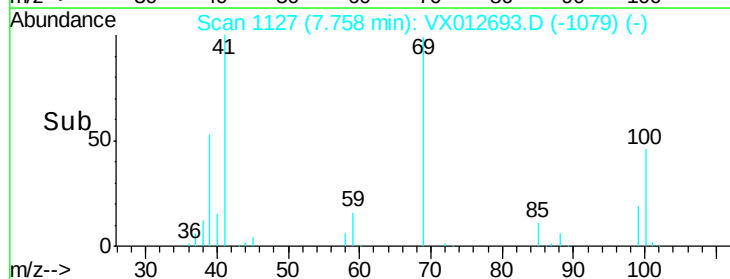
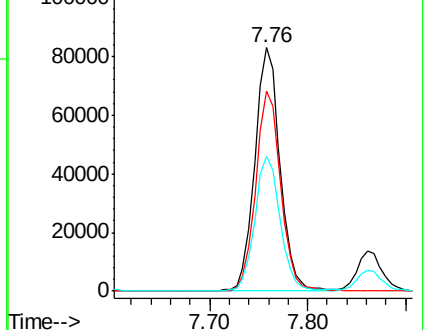
39 55.6 47.8 71.6

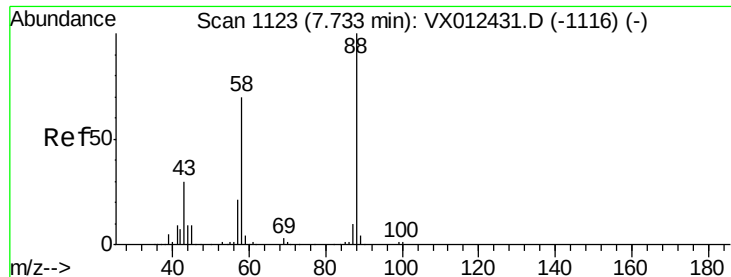


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

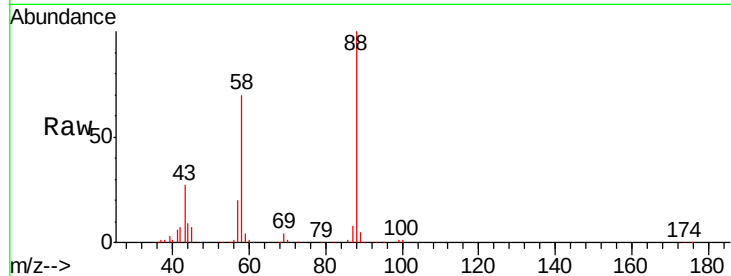




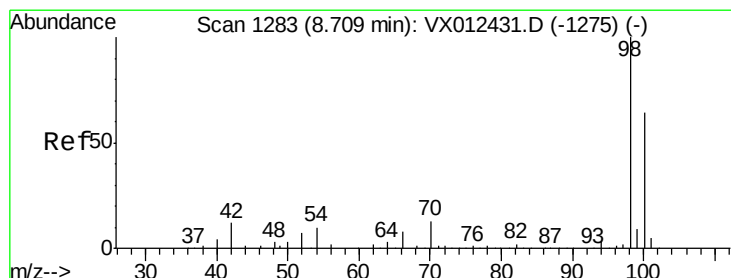
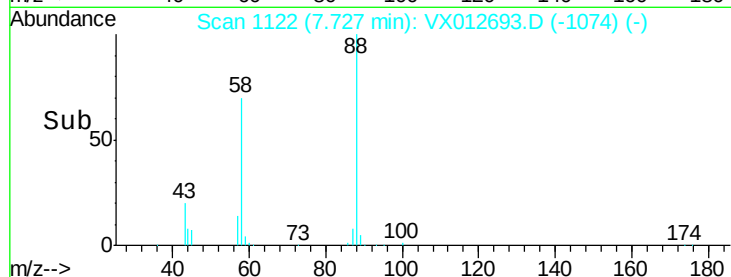
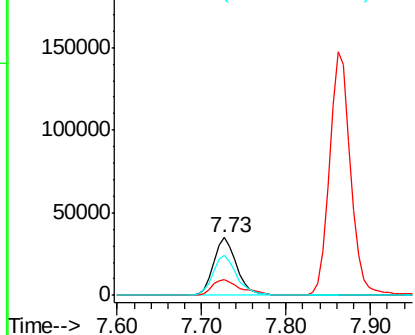
#49
1,4-Dioxane
Concen: 951.774 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX012693.D
Acq: 27 Sep 2019 14:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 66482
Ion Ratio Lower Upper
88 100
43 34.8 29.4 44.0
58 72.6 57.5 86.3

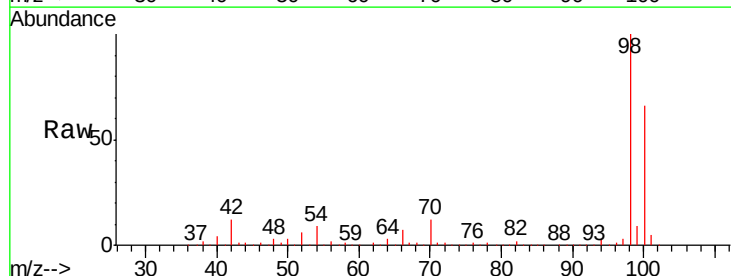


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

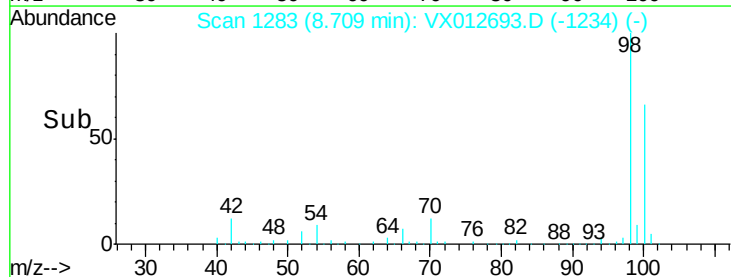
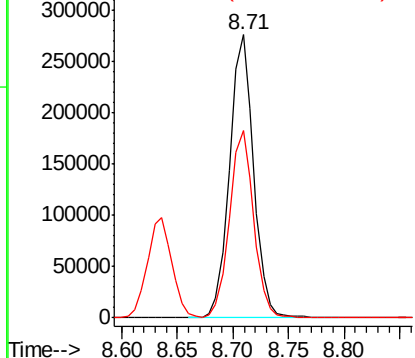


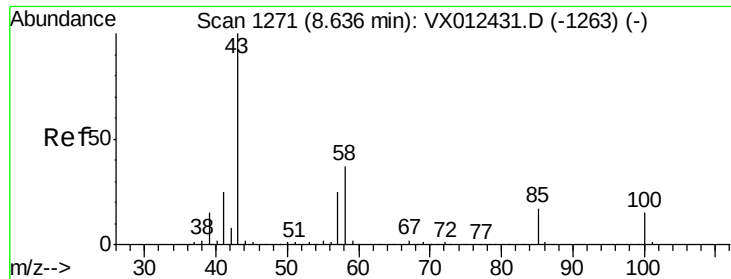
#50
Toluene-d8
Concen: 52.511 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012693.D
Acq: 27 Sep 2019 14:18

Tgt Ion: 98 Resp: 410444
Ion Ratio Lower Upper
98 100
100 67.1 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 235.300 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX012693.D

Acq: 27 Sep 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

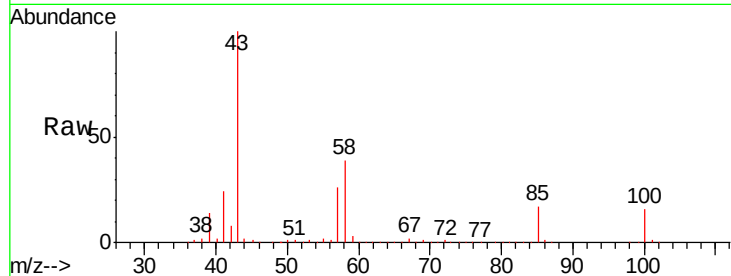
VSTDCCC050EC

Tgt Ion: 43 Resp: 932857

Ion Ratio Lower Upper

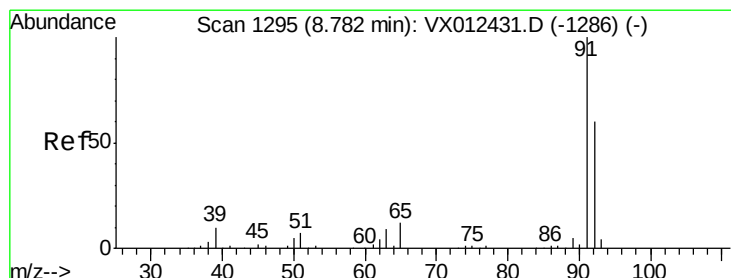
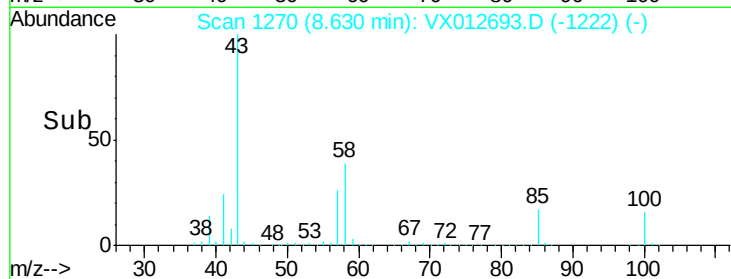
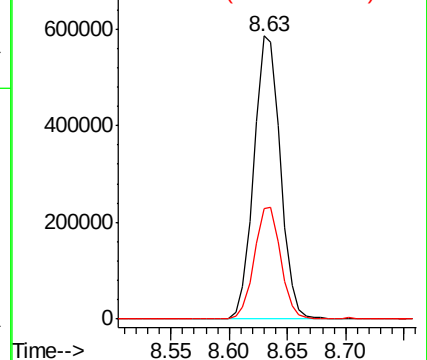
43 100

58 39.4 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 50.309 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX012693.D

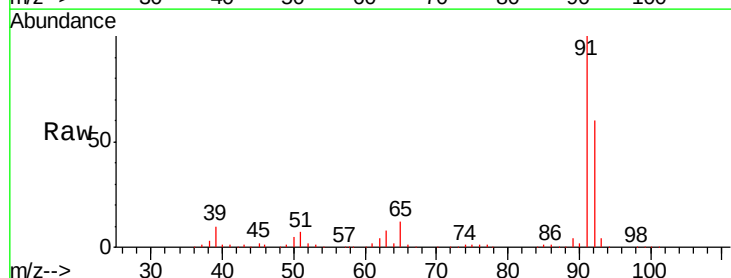
Acq: 27 Sep 2019 14:18

Tgt Ion: 92 Resp: 305617

Ion Ratio Lower Upper

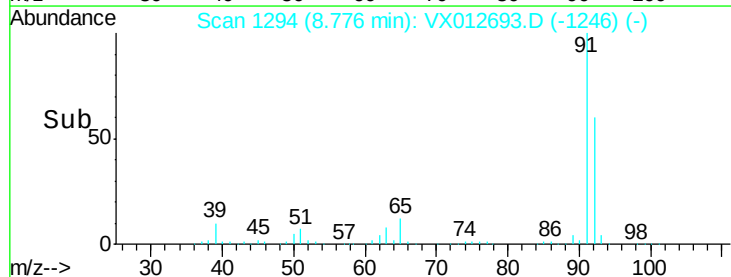
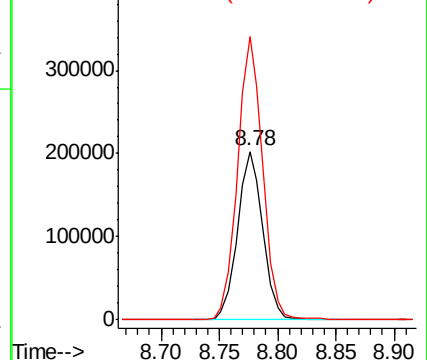
92 100

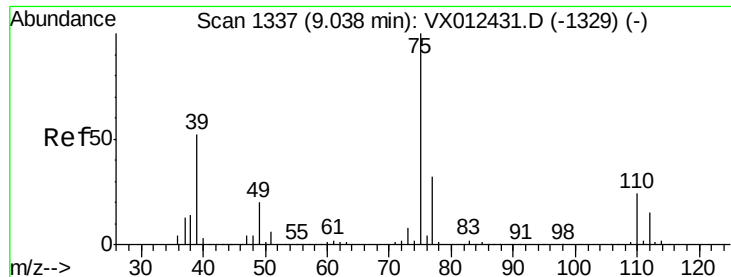
91 167.2 135.4 203.0



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: 51.803 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX012693.D

Acq: 27 Sep 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

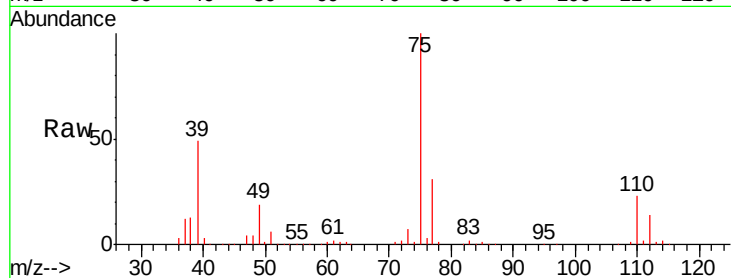
VSTDCCC050EC

Tgt Ion: 75 Resp: 193002

Ion Ratio Lower Upper

75 100

77 31.1 25.2 37.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.03

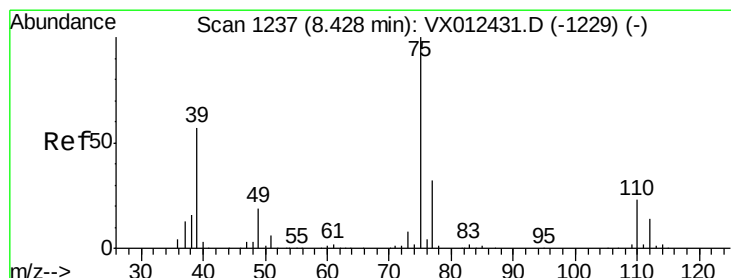
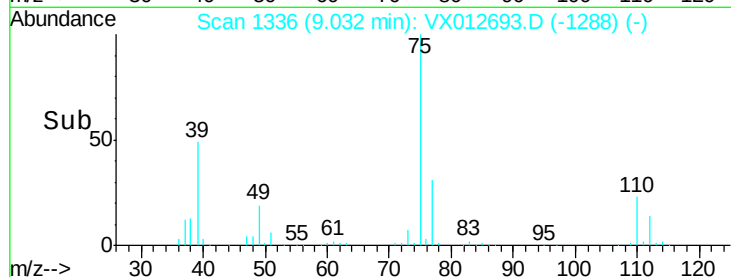
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 51.343 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX012693.D

Acq: 27 Sep 2019 14:18

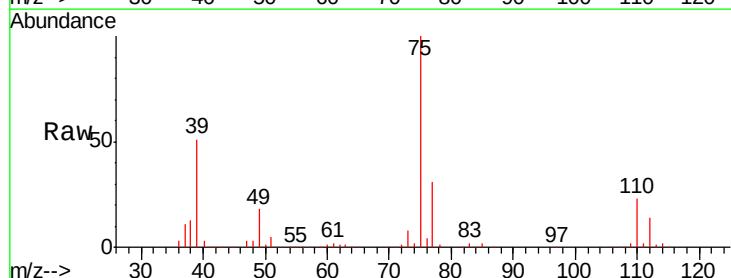
Tgt Ion: 75 Resp: 208854

Ion Ratio Lower Upper

75 100

77 31.5 25.8 38.8

39 50.8 45.5 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.43

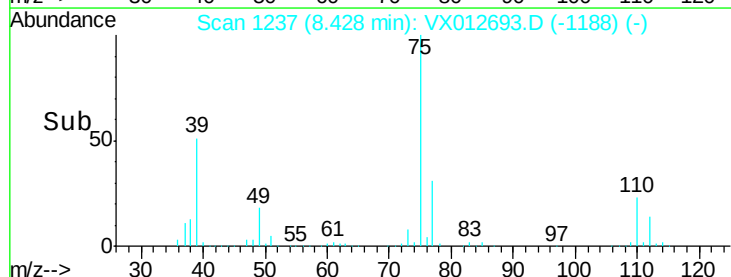
150000

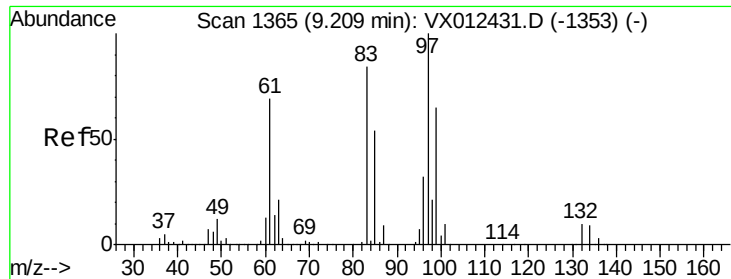
100000

50000

0

Time-->

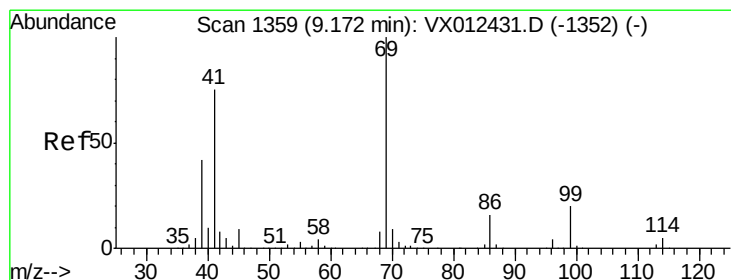
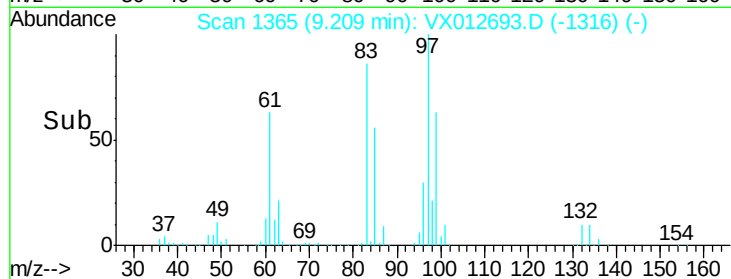
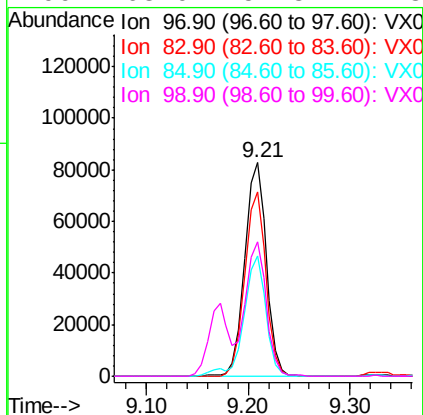
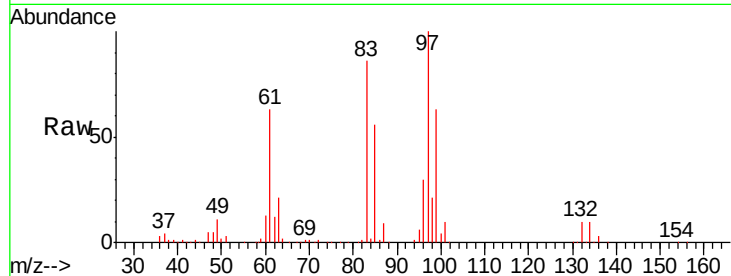




#55
 1,1,2-Trichloroethane
 Concen: 50.530 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012693.D
 Acq: 27 Sep 2019 14:18

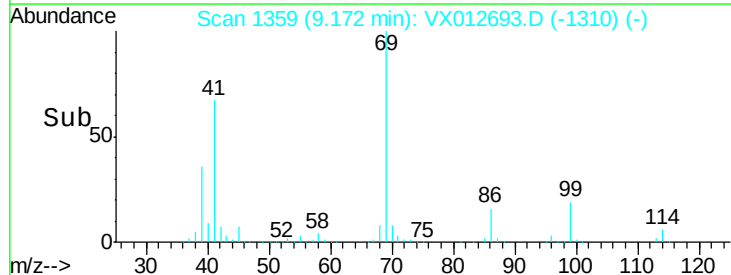
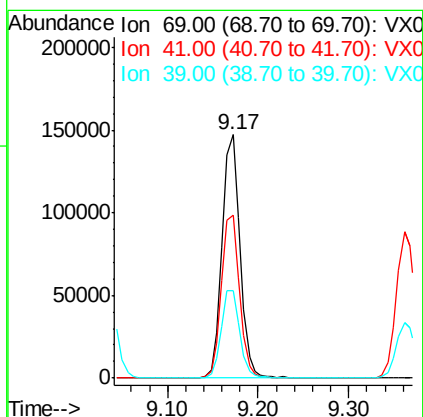
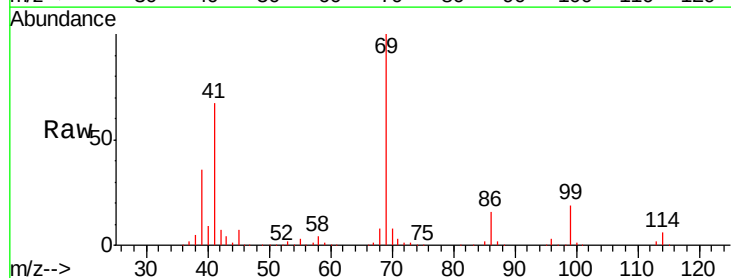
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

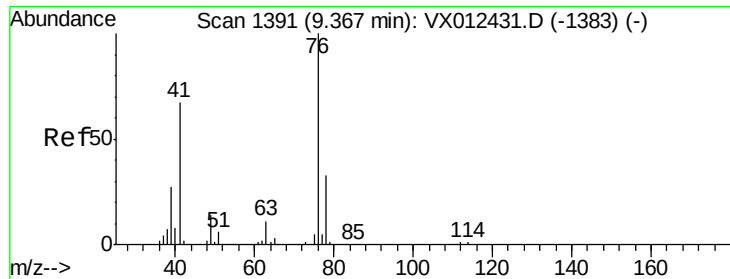
Tgt Ion:	97	Resp:	122039
Ion	Ratio	Lower	Upper
97	100		
83	86.5	67.4	101.2
85	56.1	43.5	65.3
99	63.0	51.8	77.8



#56
 Ethyl methacrylate
 Concen: 50.221 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012693.D
 Acq: 27 Sep 2019 14:18

Tgt Ion:	69	Resp:	203773
Ion	Ratio	Lower	Upper
69	100		
41	68.3	58.4	87.6
39	36.8	33.4	50.0





#57

1,3-Dichloropropane

Concen: 50.173 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX012693.D

Acq: 27 Sep 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

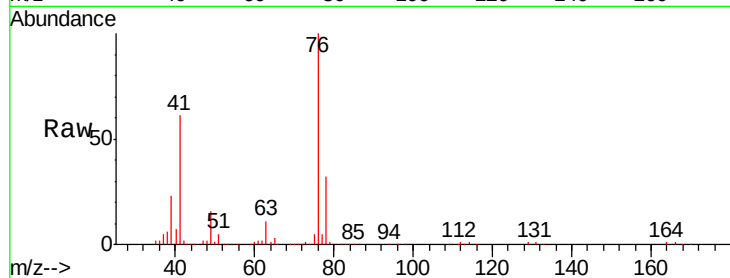
VSTDCCC050EC

Tgt Ion: 76 Resp: 212080

Ion Ratio Lower Upper

76 100

78 32.1 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.36

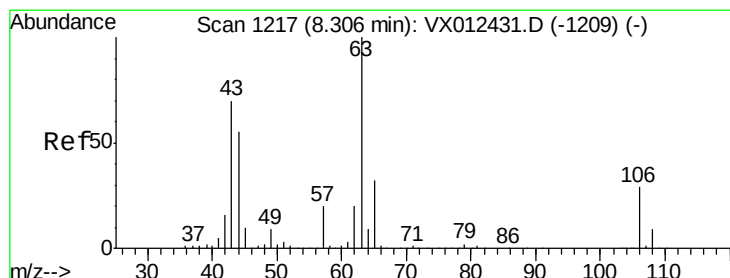
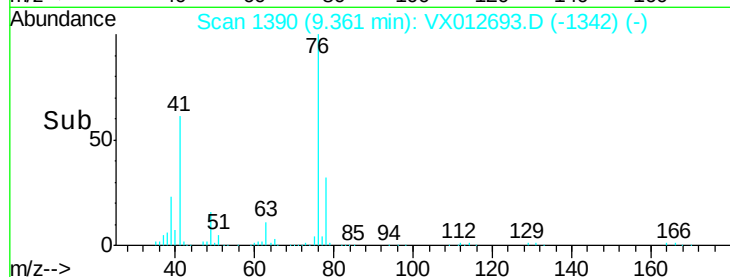
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 261.204 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX012693.D

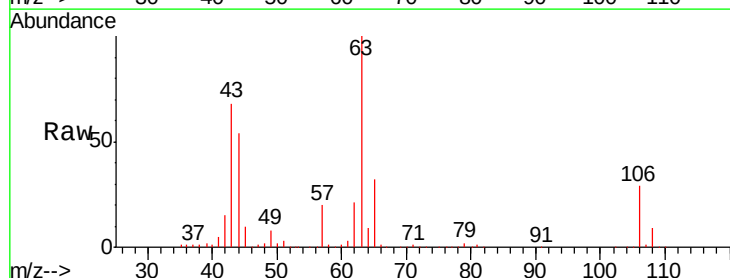
Acq: 27 Sep 2019 14:18

Tgt Ion: 63 Resp: 475733

Ion Ratio Lower Upper

63 100

106 29.3 23.8 35.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.30

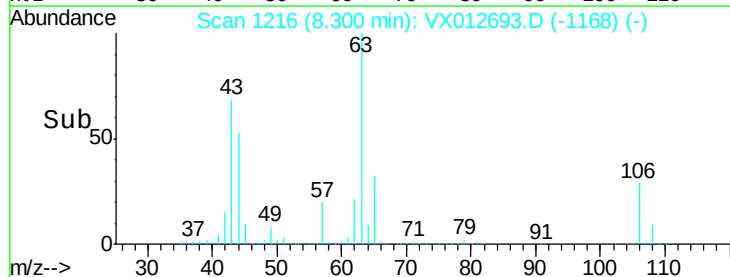
300000

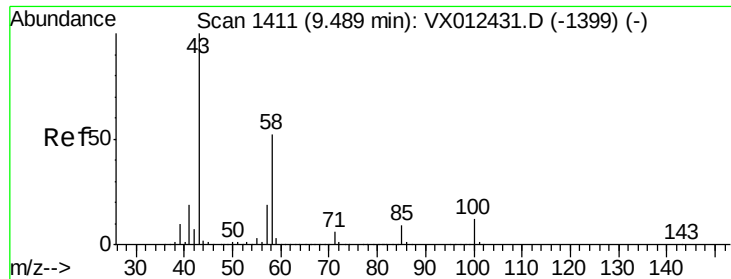
200000

100000

0

Time-->

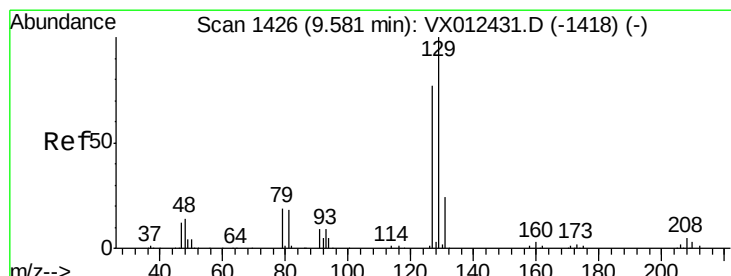
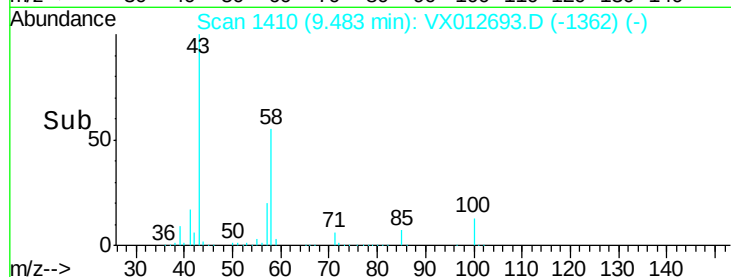
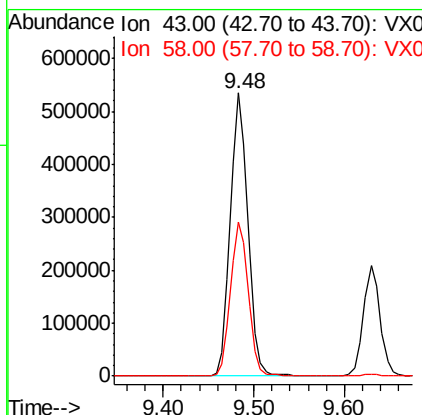
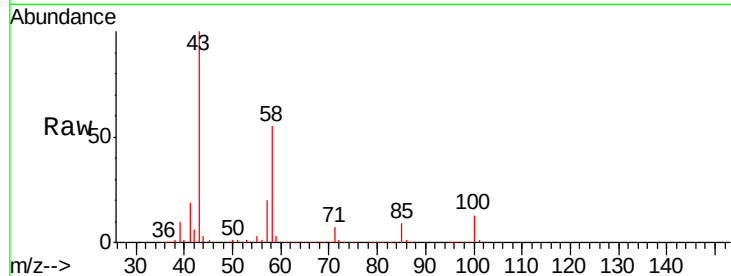




#59
2-Hexanone
Concen: 238.138 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX012693.D
Acq: 27 Sep 2019 14:18

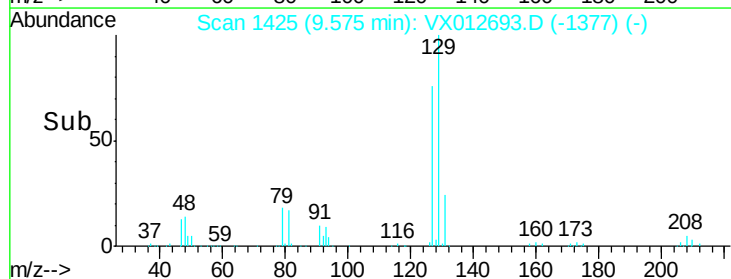
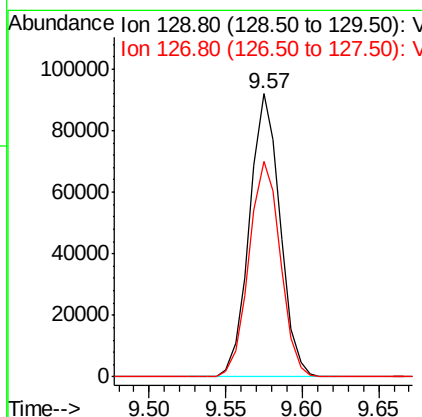
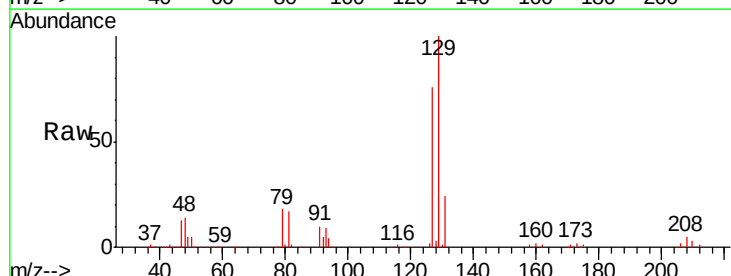
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

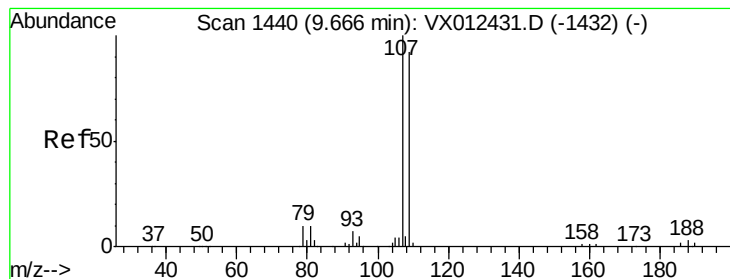
Tgt Ion: 43 Resp: 722657
Ion Ratio Lower Upper
43 100
58 55.2 25.7 77.1



#60
Dibromochloromethane
Concen: 52.353 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX012693.D
Acq: 27 Sep 2019 14:18

Tgt Ion: 129 Resp: 127995
Ion Ratio Lower Upper
129 100
127 78.1 38.9 116.6





#61

1,2-Dibromoethane

Concen: 51.218 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012693.D

Acq: 27 Sep 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

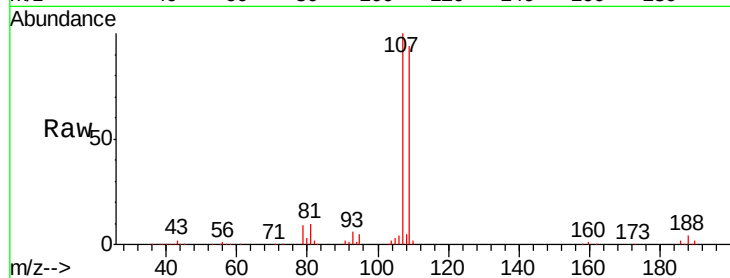
VSTDCCC050EC

Tgt Ion: 107 Resp: 128738

Ion Ratio Lower Upper

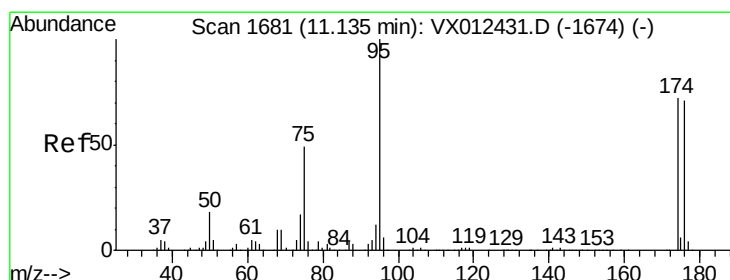
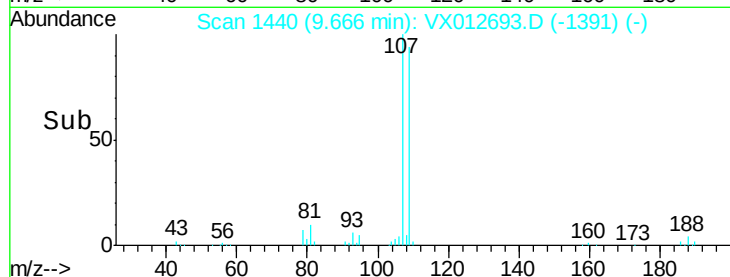
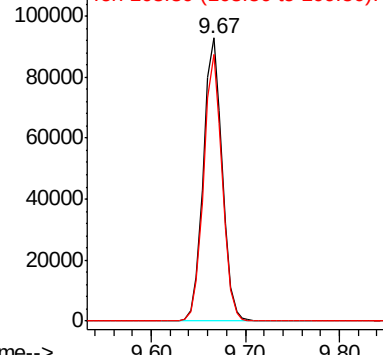
107 100

109 92.4 74.7 112.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 53.622 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX012693.D

Acq: 27 Sep 2019 14:18

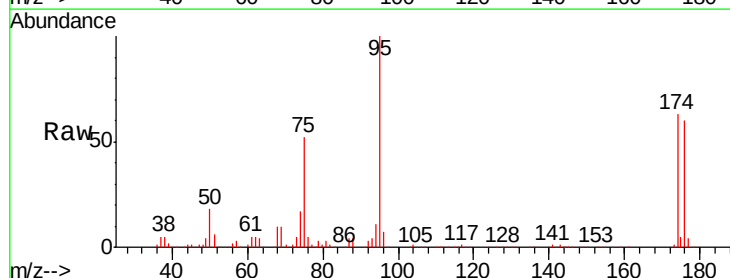
Tgt Ion: 95 Resp: 164801

Ion Ratio Lower Upper

95 100

174 68.2 0.0 140.0

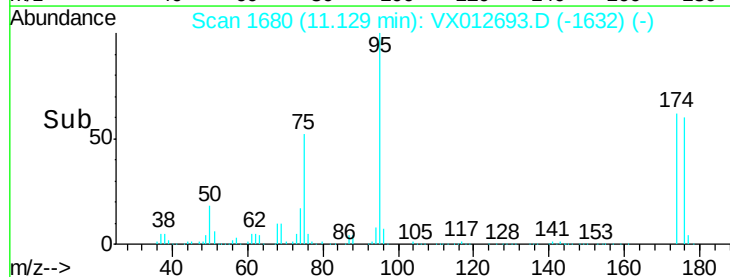
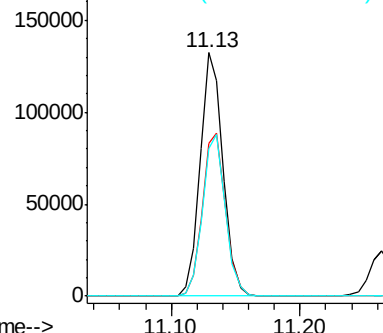
176 66.4 0.0 135.4

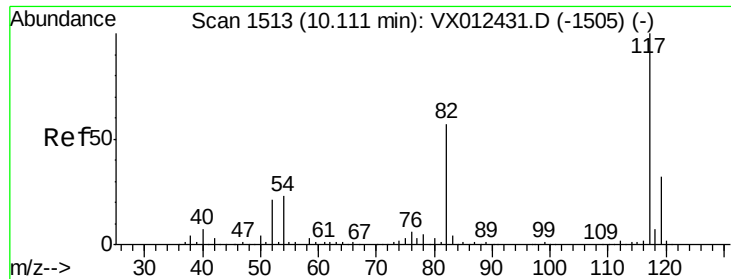


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

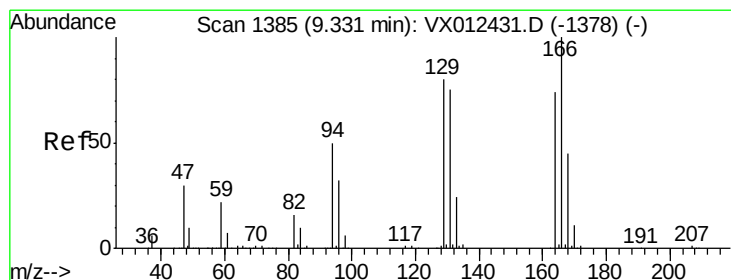
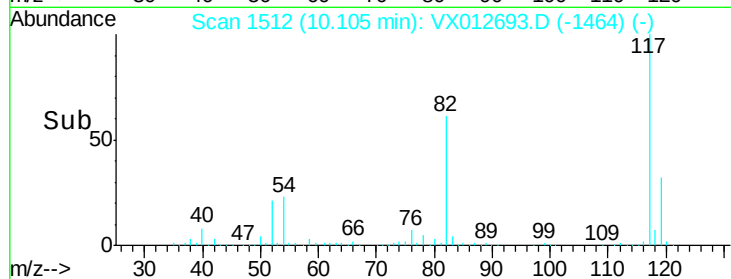
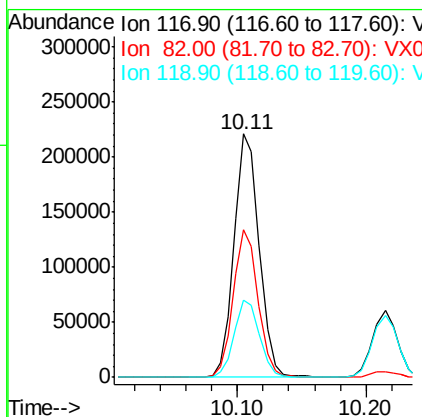
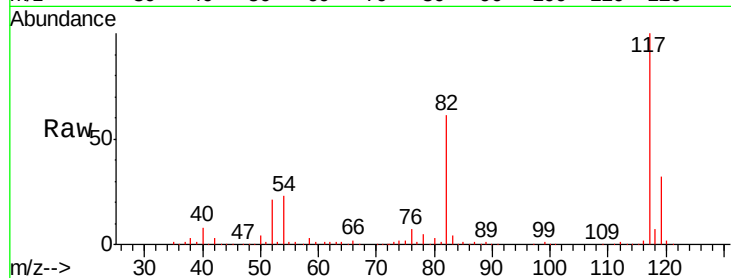




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX012693.D
Acq: 27 Sep 2019 14:18

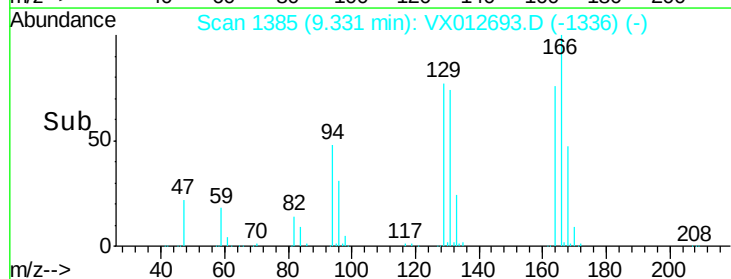
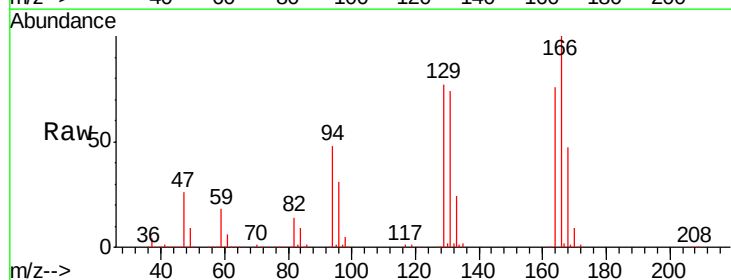
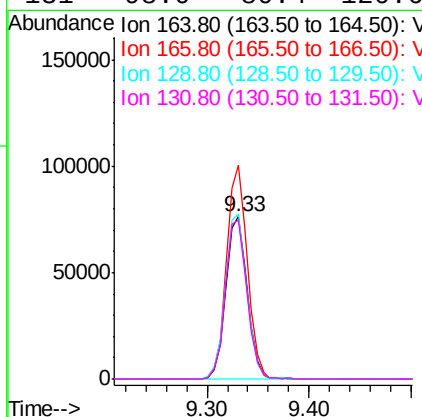
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

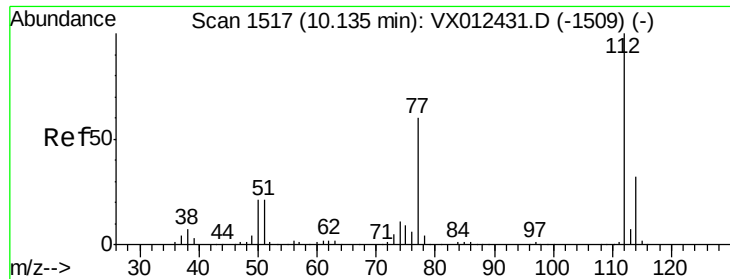
Tgt Ion:117 Resp: 301379
Ion Ratio Lower Upper
117 100
82 60.7 45.9 68.9
119 31.8 25.3 37.9



#64
Tetrachloroethene
Concen: 52.362 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012693.D
Acq: 27 Sep 2019 14:18

Tgt Ion:164 Resp: 110027
Ion Ratio Lower Upper
164 100
166 131.8 107.8 161.6
129 101.6 86.2 129.2
131 98.0 80.4 120.6

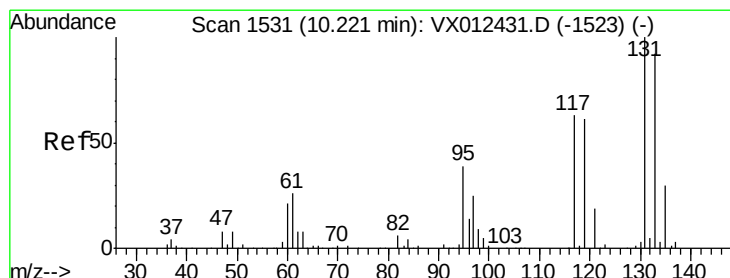
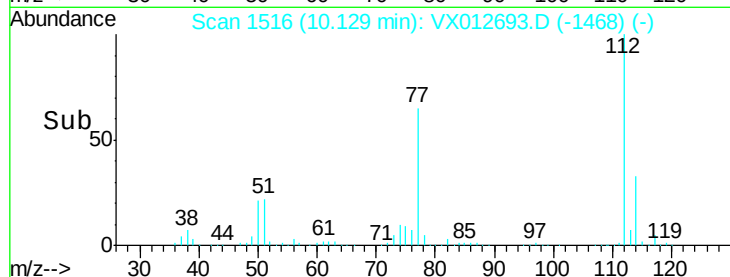
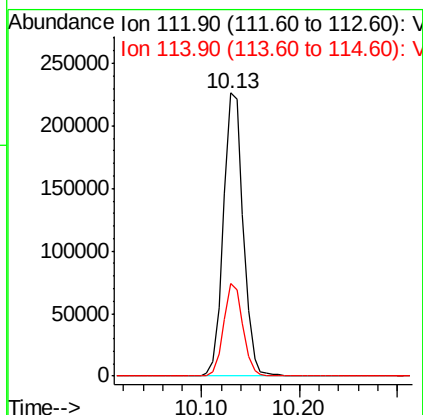
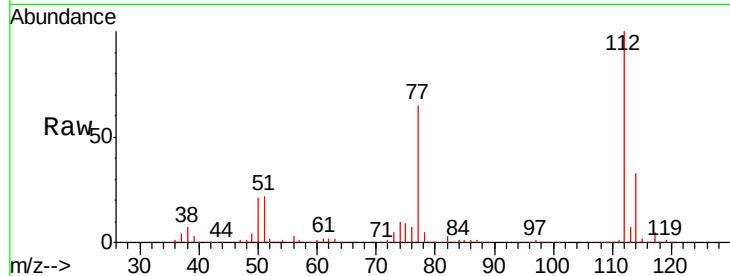




#65
Chlorobenzene
Concen: 50.158 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX012693.D
Acq: 27 Sep 2019 14:18

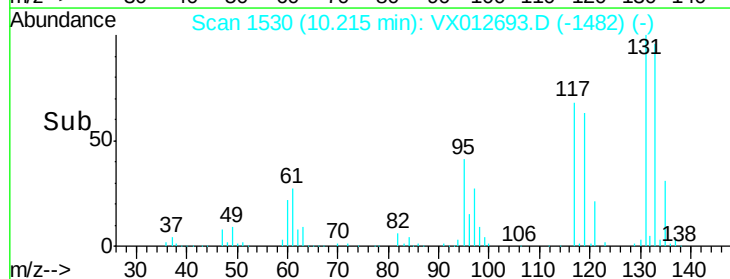
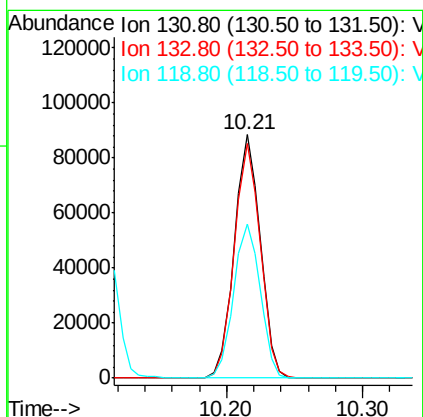
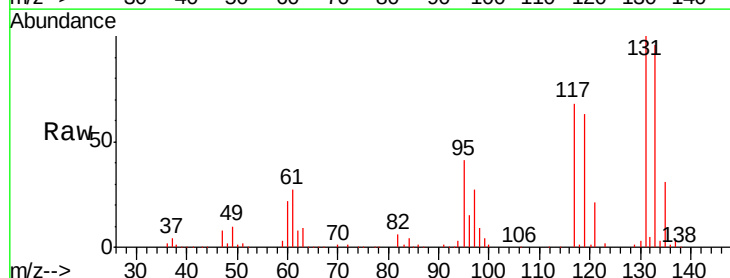
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

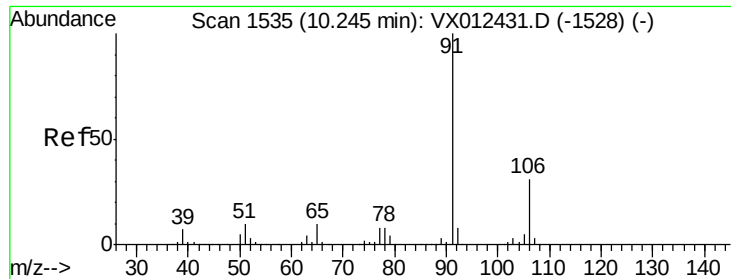
Tgt Ion:112 Resp: 318325
Ion Ratio Lower Upper
112 100
114 32.6 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 51.198 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VX012693.D
Acq: 27 Sep 2019 14:18

Tgt Ion:131 Resp: 117728
Ion Ratio Lower Upper
131 100
133 96.4 47.6 142.9
119 65.2 31.3 93.8

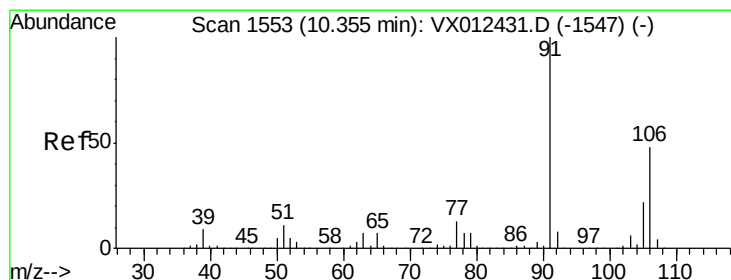
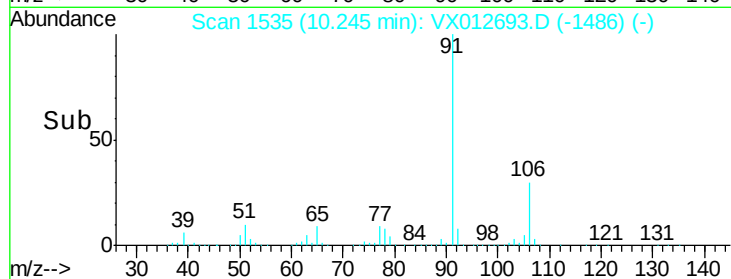
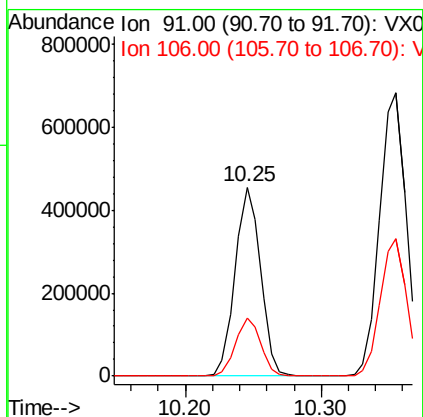
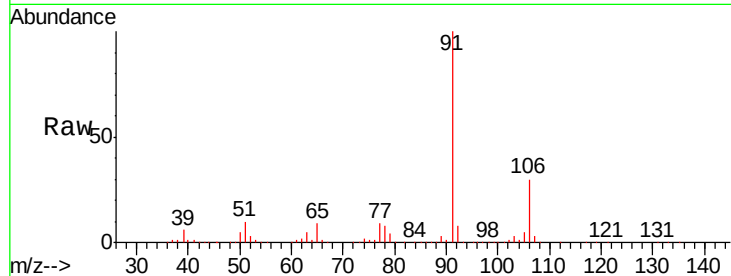




#67
 Ethyl Benzene
 Concen: 51.846 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VX012693.D
 Acq: 27 Sep 2019 14:18

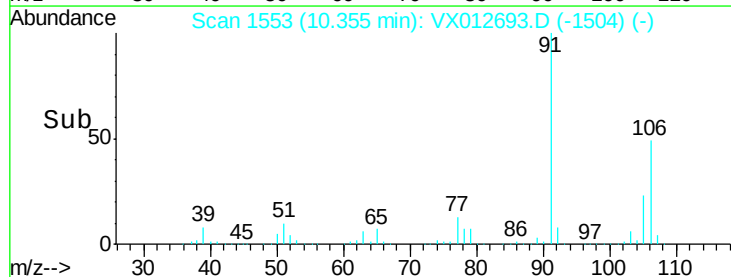
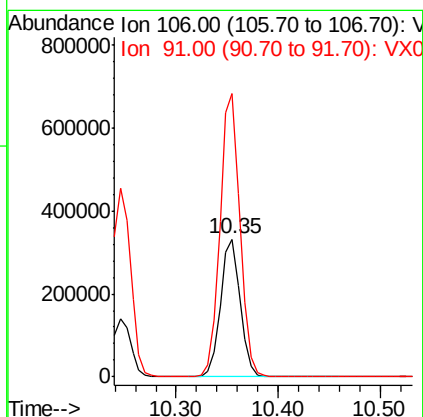
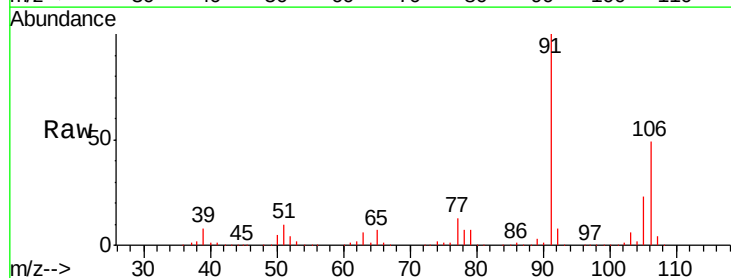
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

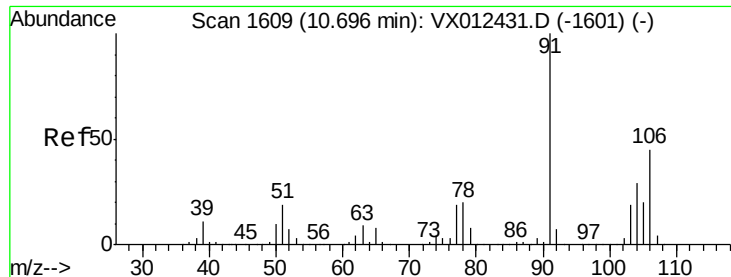
Tgt Ion: 91 Resp: 596786
 Ion Ratio Lower Upper
 91 100
 106 30.5 24.6 37.0



#68
 m/p-Xylenes
 Concen: 103.904 ug/l
 RT: 10.35 min Scan# 1553
 Delta R.T. 0.00 min
 Lab File: VX012693.D
 Acq: 27 Sep 2019 14:18

Tgt Ion: 106 Resp: 448028
 Ion Ratio Lower Upper
 106 100
 91 208.5 166.6 250.0

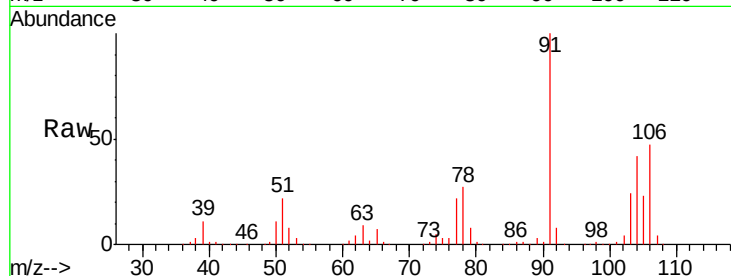




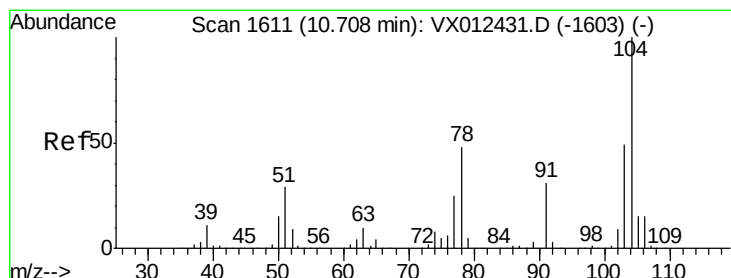
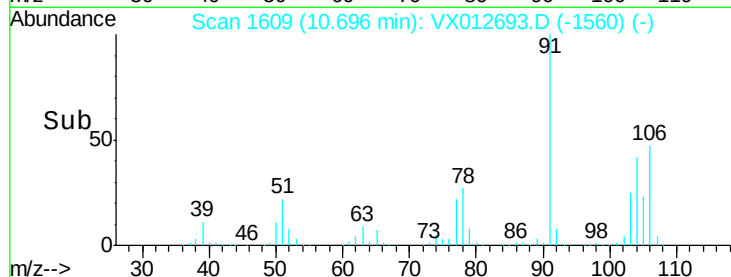
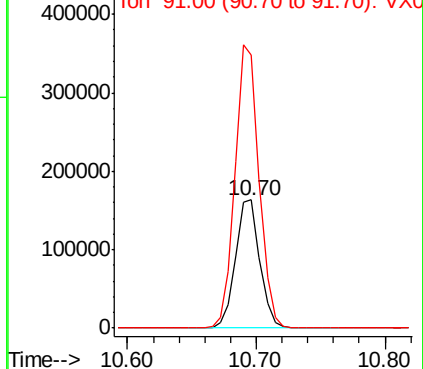
#69
o-Xylene
Concen: 51.395 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012693.D
Acq: 27 Sep 2019 14:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 214438
Ion Ratio Lower Upper
106 100
91 218.9 109.4 328.2

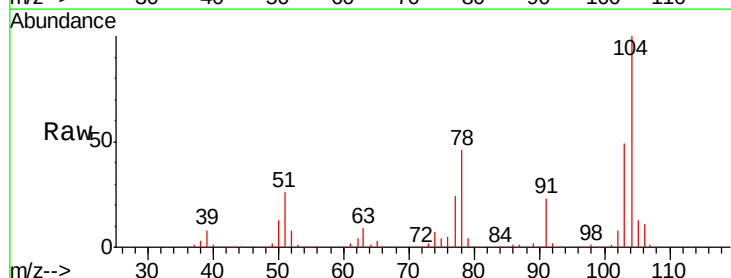


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

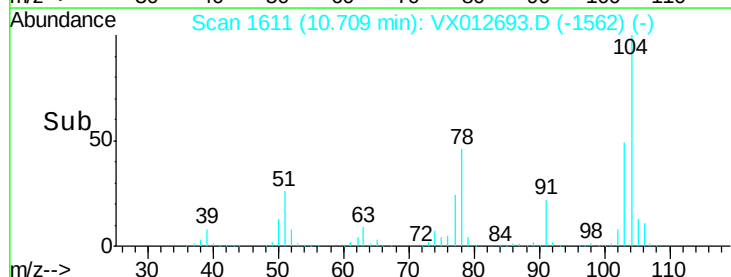
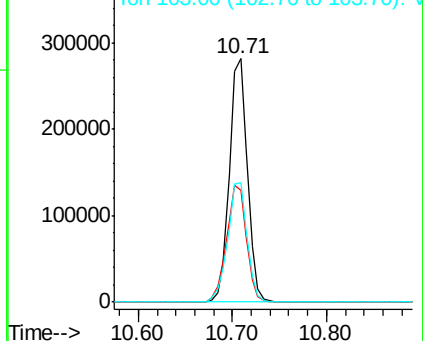


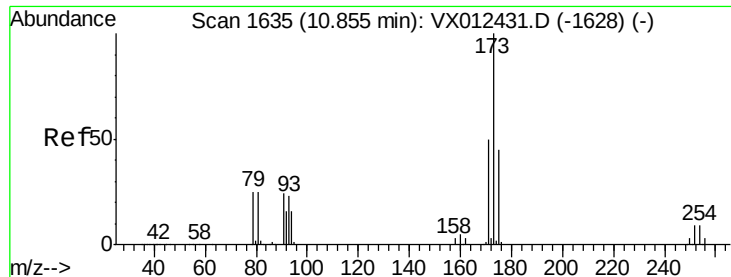
#70
Styrene
Concen: 53.604 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012693.D
Acq: 27 Sep 2019 14:18

Tgt Ion:104 Resp: 374939
Ion Ratio Lower Upper
104 100
78 53.0 43.4 65.2
103 53.2 43.3 64.9



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: 52.848 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX012693.D

Acq: 27 Sep 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

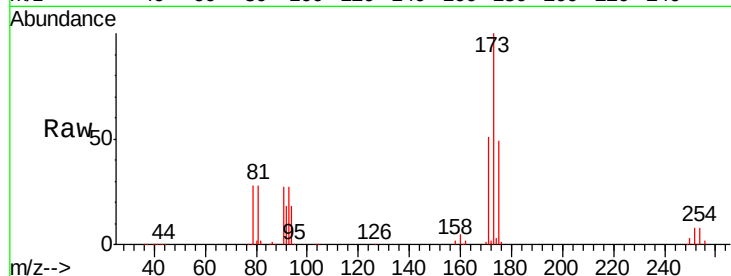
Tgt Ion:173 Resp: 84616

Ion Ratio Lower Upper

173 100

175 49.4 23.7 71.1

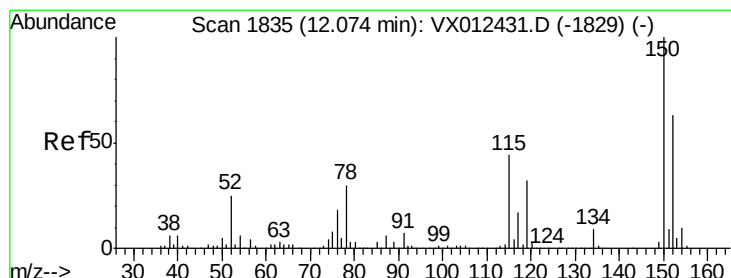
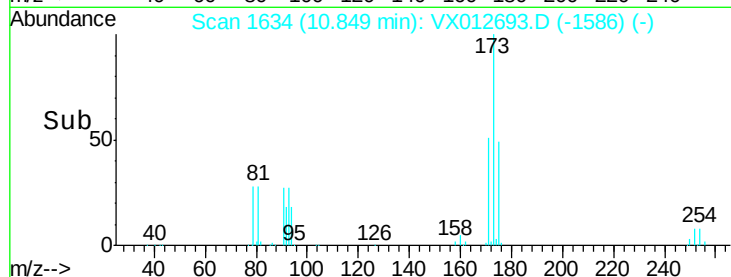
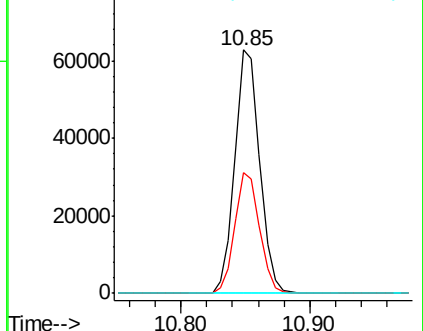
254 0.0 0.1 0.1#



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: VX012693.D

Acq: 27 Sep 2019 14:18

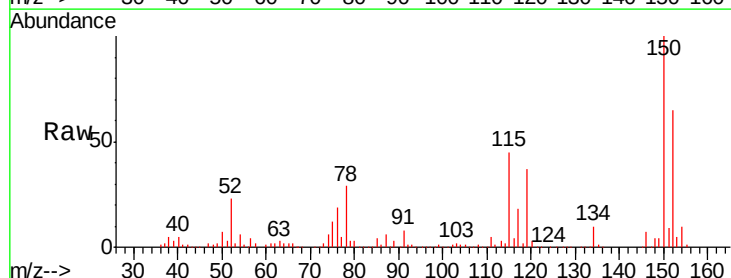
Tgt Ion:152 Resp: 144325

Ion Ratio Lower Upper

152 100

115 91.0 44.1 132.3

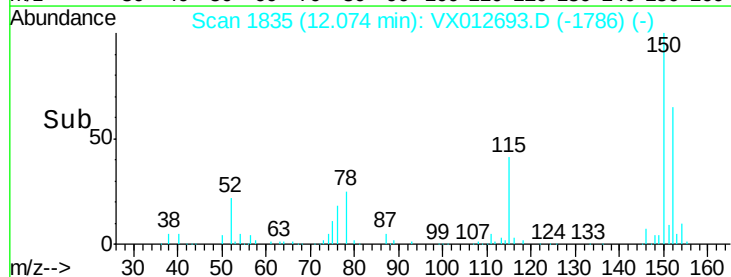
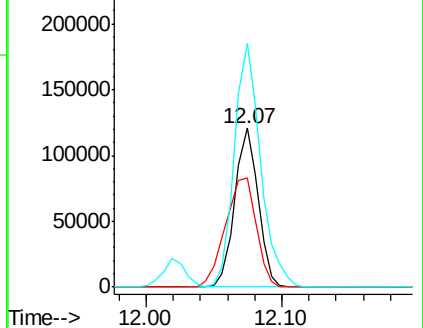
150 172.7 0.0 343.8

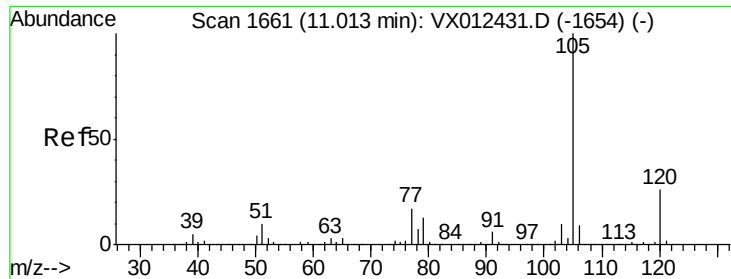


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

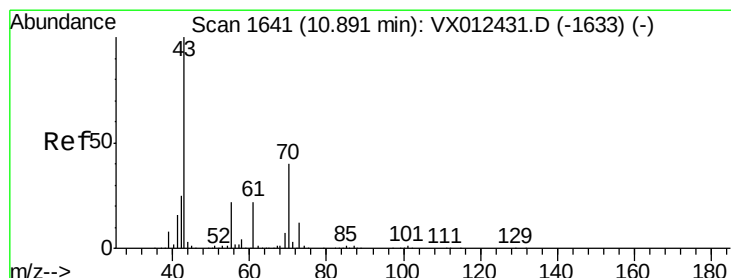
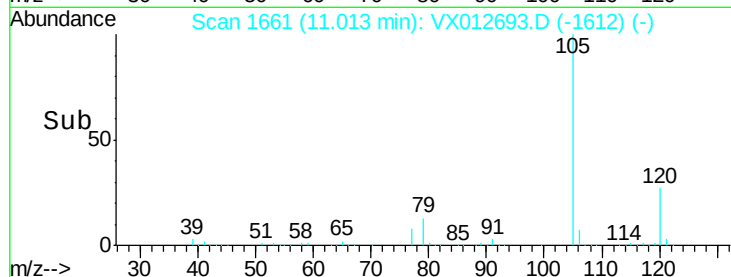
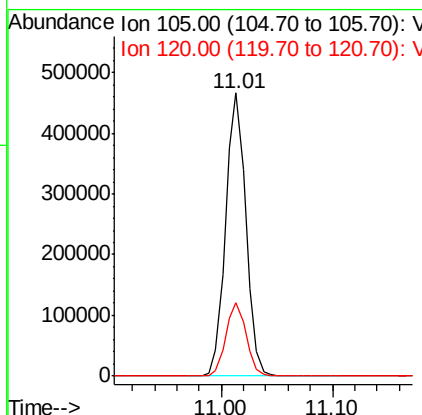
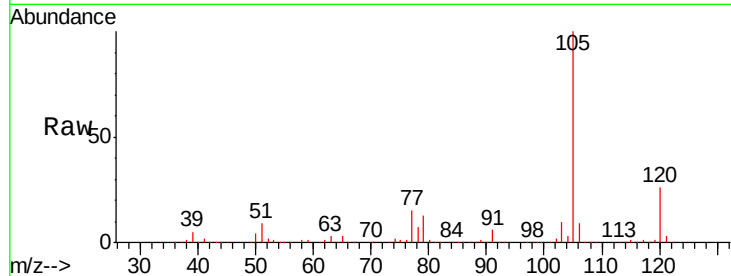




#73
Isopropylbenzene
Concen: 49.689 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX012693.D
Acq: 27 Sep 2019 14:18

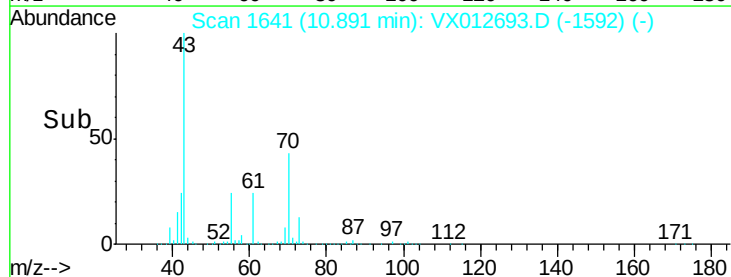
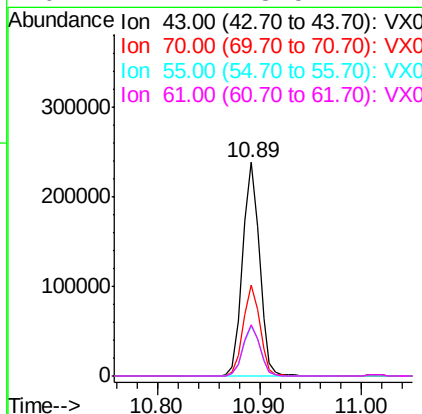
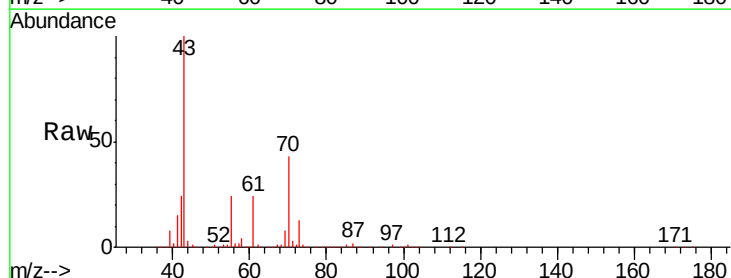
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

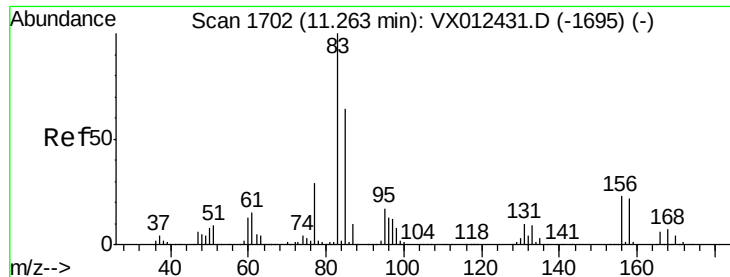
Tgt Ion: 105 Resp: 584082
Ion Ratio Lower Upper
105 100
120 26.1 12.9 38.7



#74
N-ethyl acetate
Concen: 48.493 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX012693.D
Acq: 27 Sep 2019 14:18

Tgt Ion: 43 Resp: 271942
Ion Ratio Lower Upper
43 100
70 42.6 32.4 48.6
55 23.8 18.2 27.4
61 24.1 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 47.641 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012693.D

Acq: 27 Sep 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

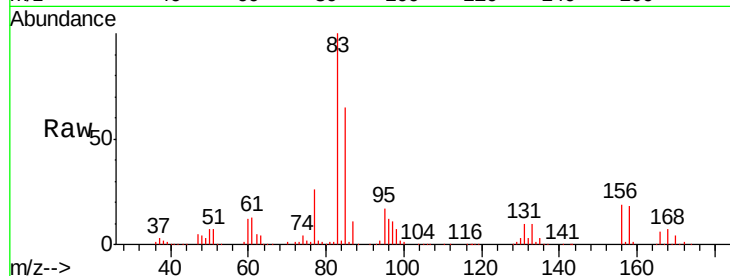
Tgt Ion: 83 Resp: 185466

Ion Ratio Lower Upper

83 100

131 10.0 5.2 15.6

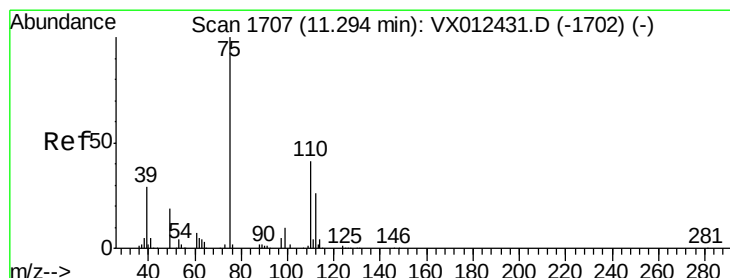
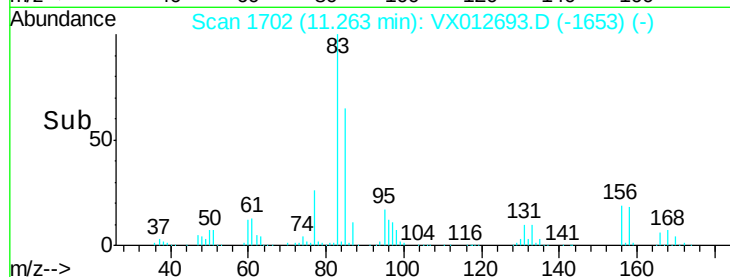
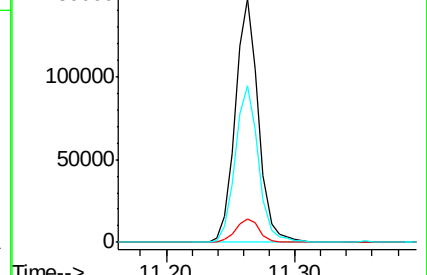
85 64.8 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 58.971 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX012693.D

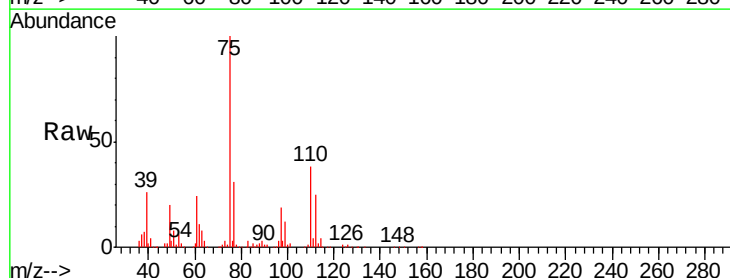
Acq: 27 Sep 2019 14:18

Tgt Ion: 75 Resp: 225135

Ion Ratio Lower Upper

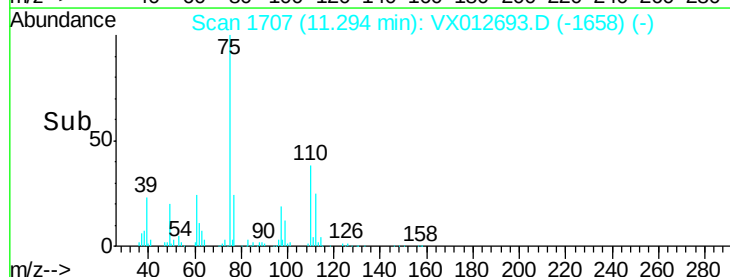
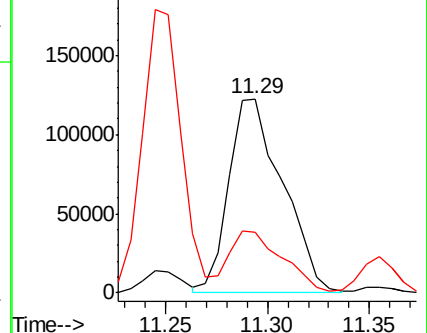
75 100

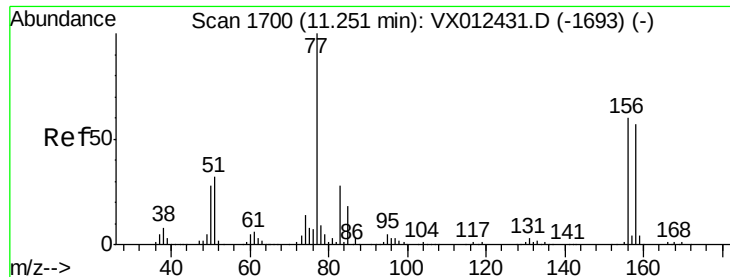
77 30.3 19.7 59.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.830 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012693.D

Acq: 27 Sep 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

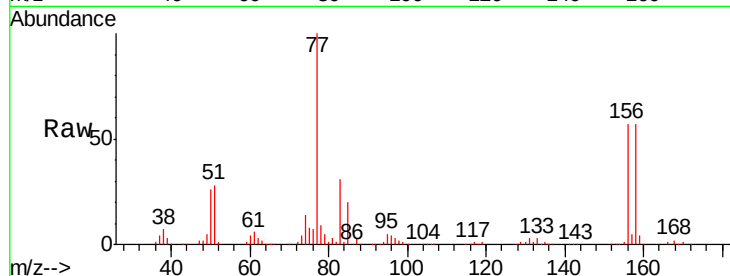
Tgt Ion:156 Resp: 129910

Ion Ratio Lower Upper

156 100

77 181.3 87.3 261.8

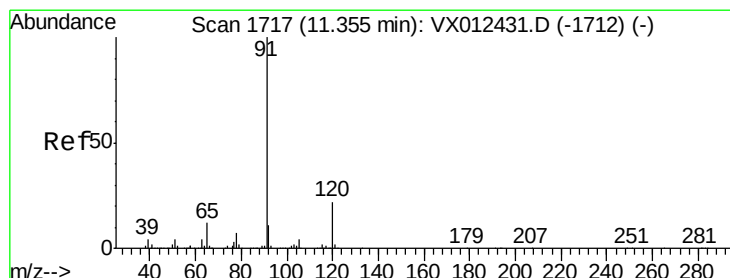
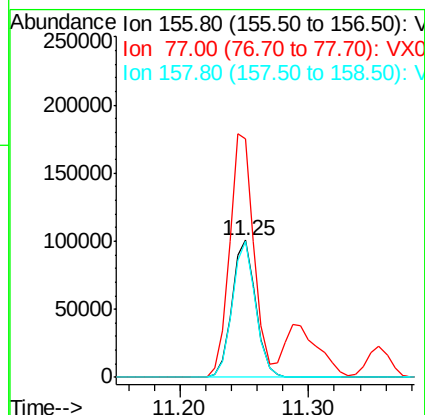
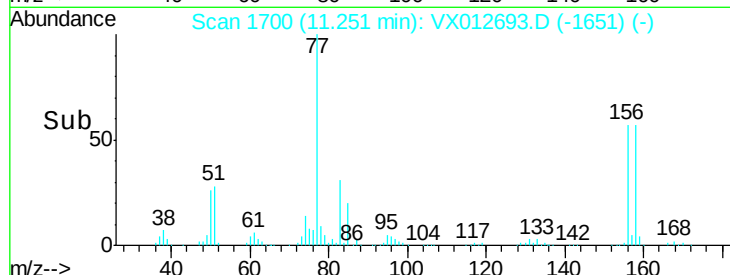
158 97.2 48.5 145.6



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: 51.374 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012693.D

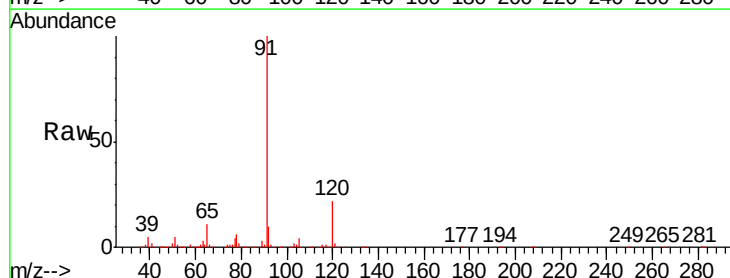
Acq: 27 Sep 2019 14:18

Tgt Ion: 91 Resp: 679876

Ion Ratio Lower Upper

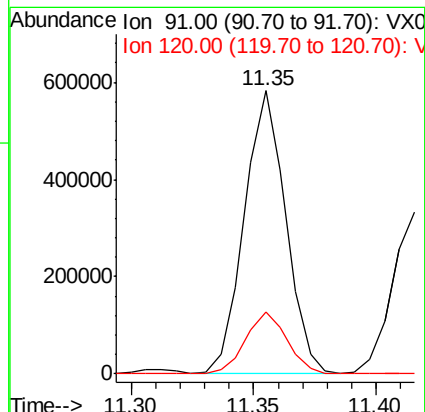
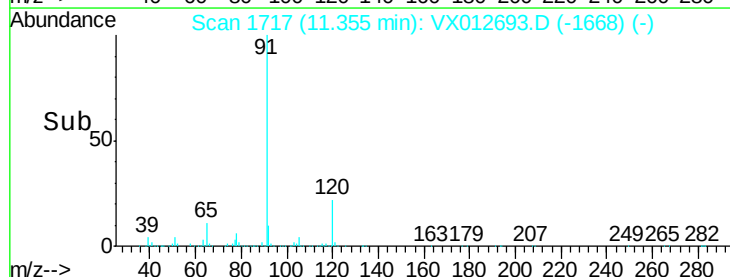
91 100

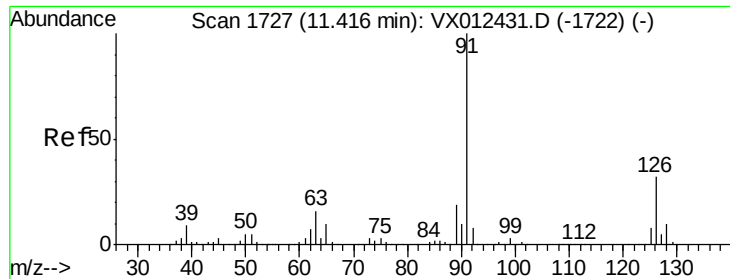
120 22.0 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

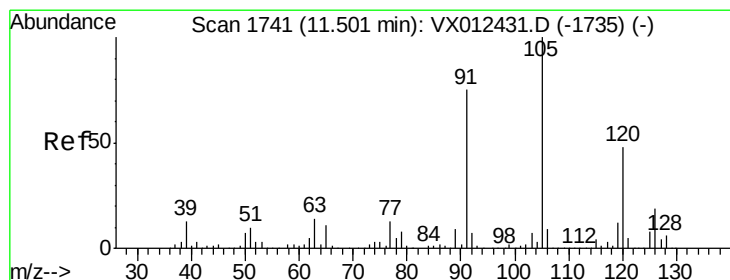
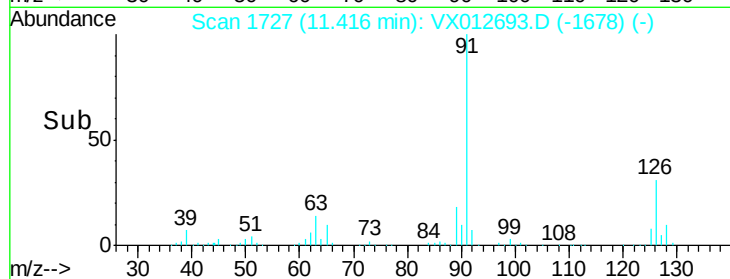
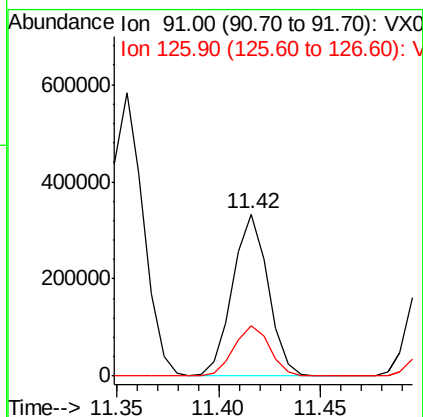
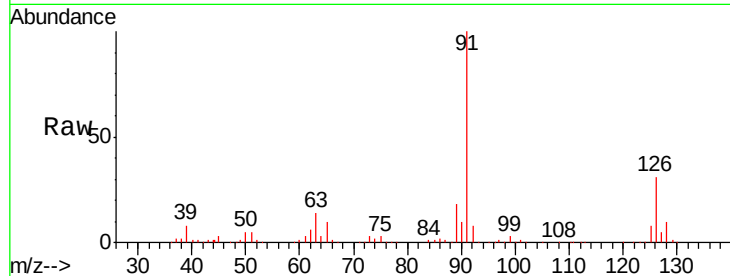




#79
 2-Chlorotoluene
 Concen: 48.650 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX012693.D
 Acq: 27 Sep 2019 14:18

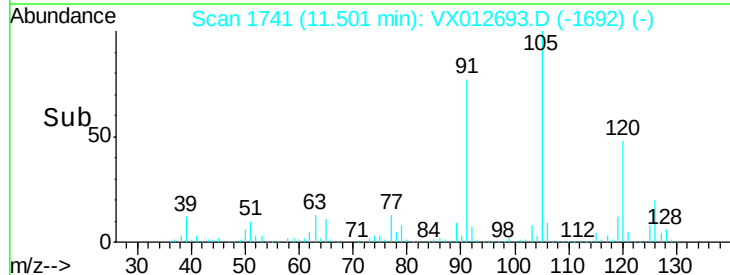
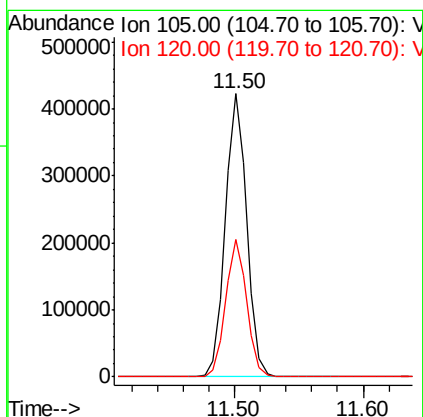
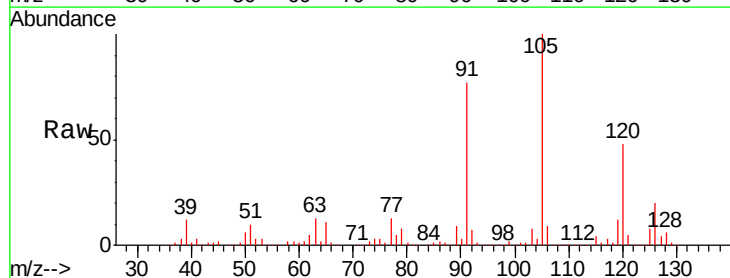
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

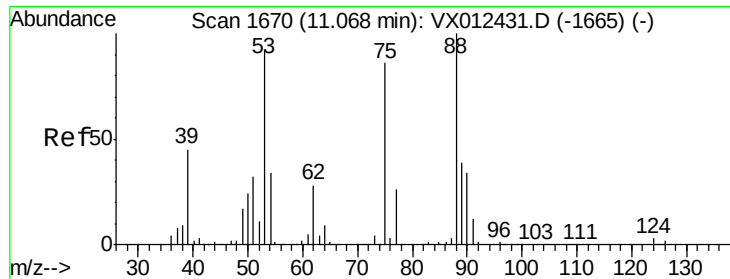
Tgt Ion: 91 Resp: 401633
 Ion Ratio Lower Upper
 91 100
 126 31.4 16.4 49.4



#80
 1,3,5-Trimethylbenzene
 Concen: 50.147 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012693.D
 Acq: 27 Sep 2019 14:18

Tgt Ion: 105 Resp: 494315
 Ion Ratio Lower Upper
 105 100
 120 48.0 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 48.865 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX012693.D

Acq: 27 Sep 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

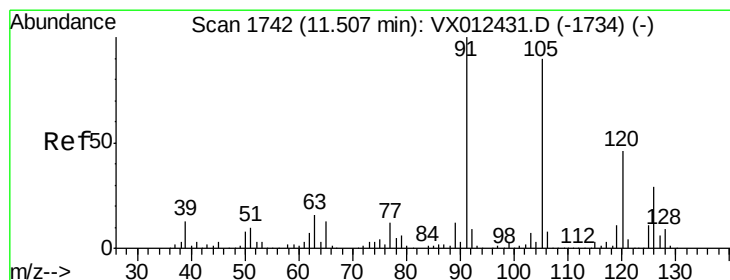
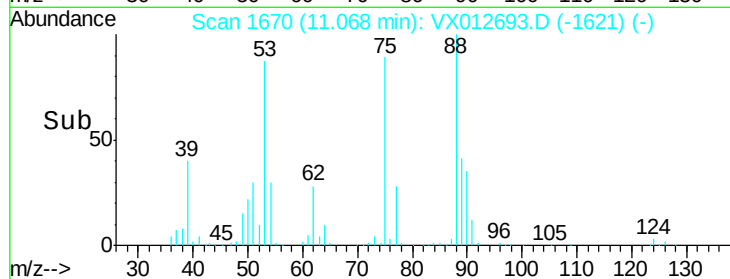
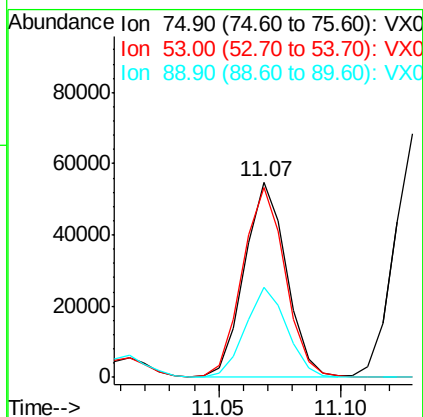
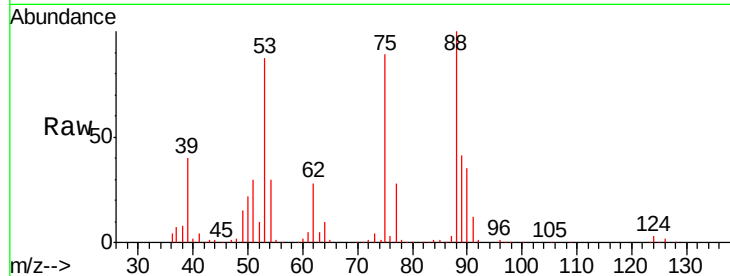
Tgt Ion: 75 Resp: 65098

Ion Ratio Lower Upper

75 100

53 99.2 83.6 125.4

89 46.0 36.3 54.5



#82

4-Chlorotoluene

Concen: 49.089 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX012693.D

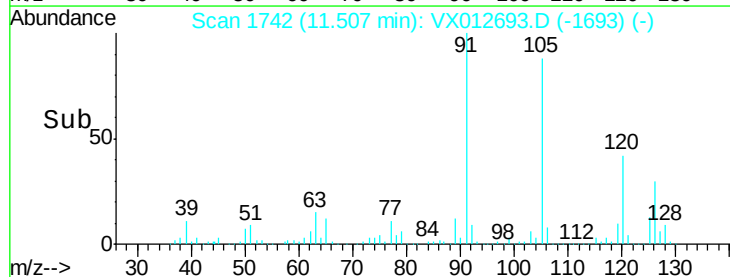
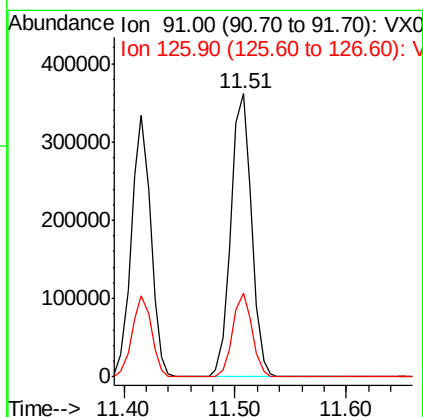
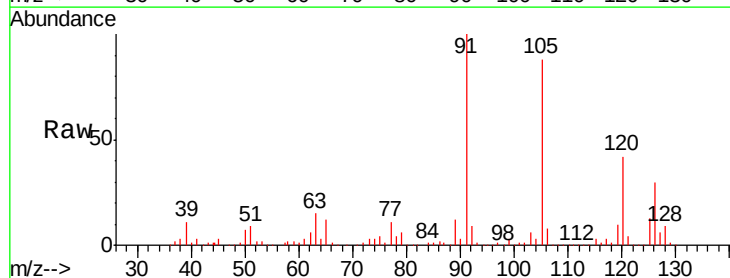
Acq: 27 Sep 2019 14:18

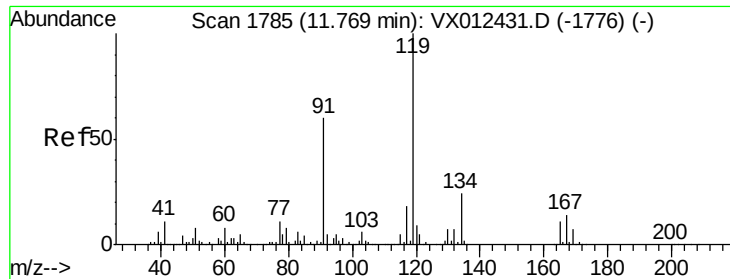
Tgt Ion: 91 Resp: 461969

Ion Ratio Lower Upper

91 100

126 27.9 14.4 43.0

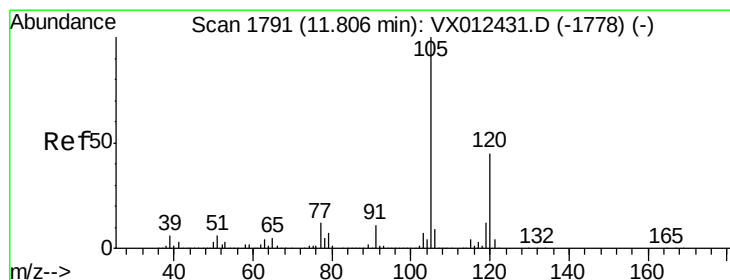
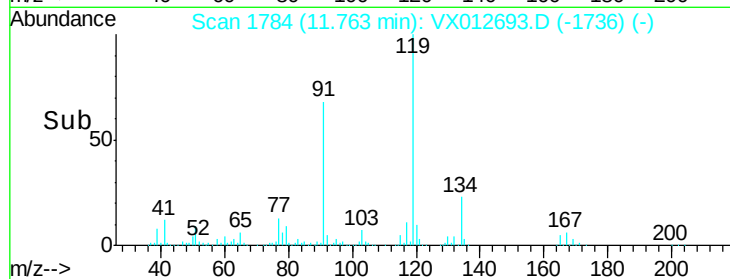
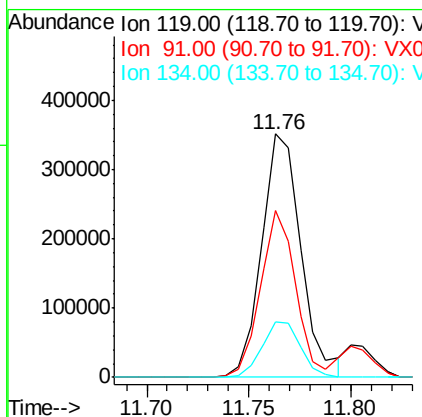
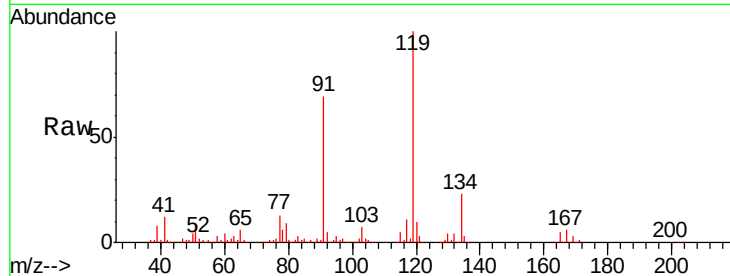




#83
 tert-Butylbenzene
 Concen: 49.711 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: VX012693.D
 Acq: 27 Sep 2019 14:18

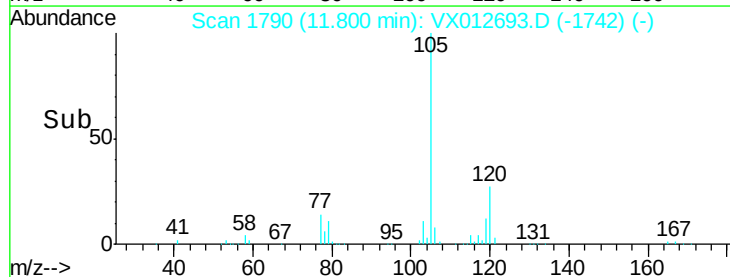
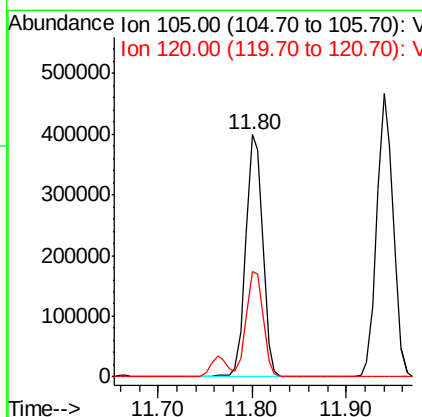
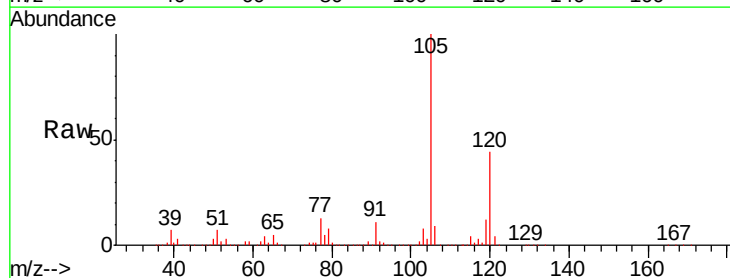
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

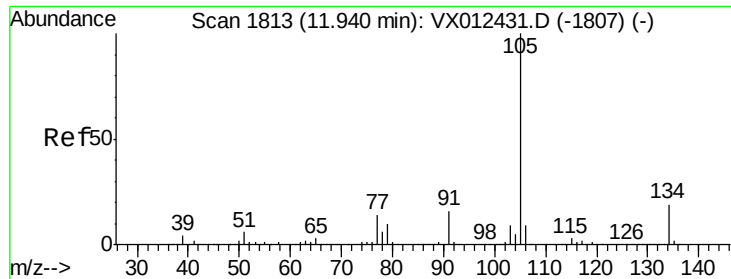
Tgt Ion:119 Resp: 472692
 Ion Ratio Lower Upper
 119 100
 91 61.4 30.0 90.0
 134 22.4 11.3 33.9



#84
 1,2,4-Trimethylbenzene
 Concen: 50.167 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX012693.D
 Acq: 27 Sep 2019 14:18

Tgt Ion:105 Resp: 498853
 Ion Ratio Lower Upper
 105 100
 120 43.5 22.2 66.6

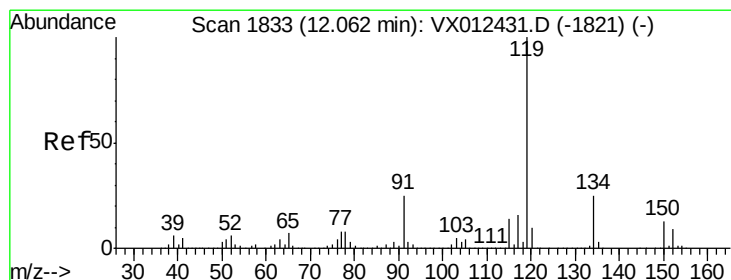
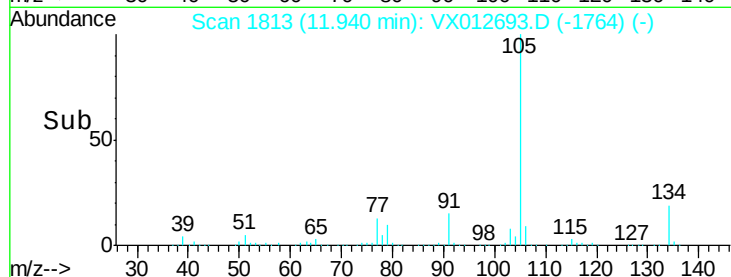
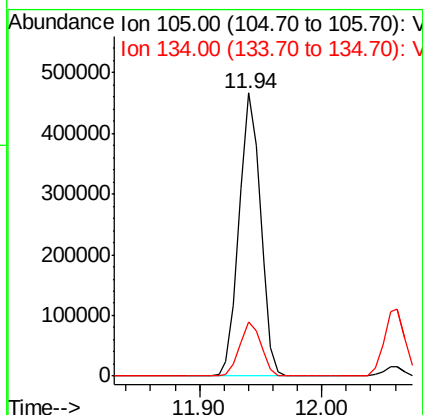
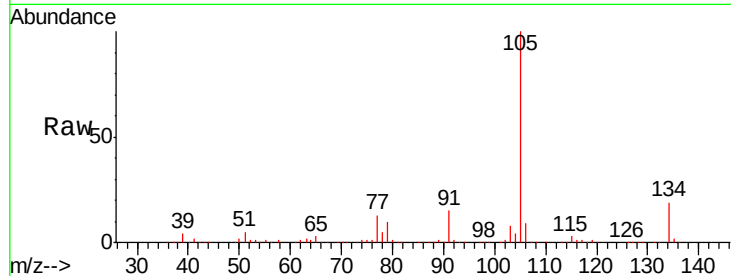




#85
 sec-Butylbenzene
 Concen: 51.125 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX012693.D
 Acq: 27 Sep 2019 14:18

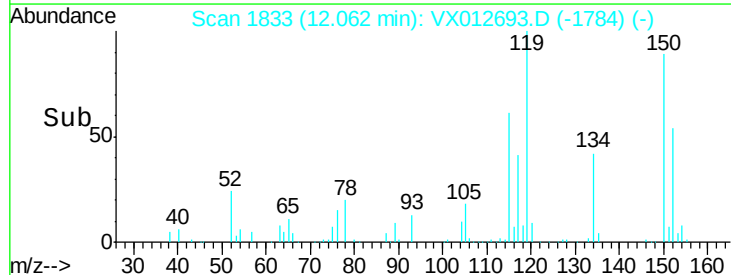
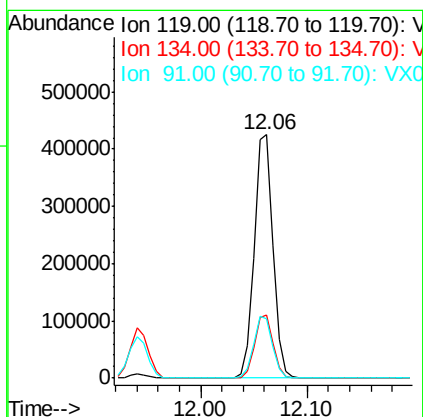
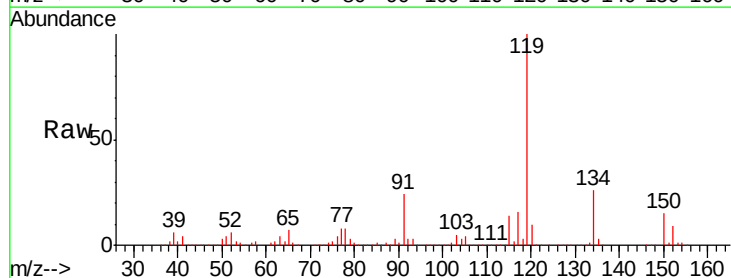
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

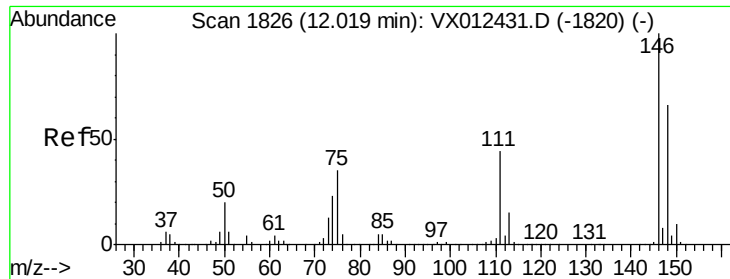
Tgt Ion:105 Resp: 565430
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 52.470 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX012693.D
 Acq: 27 Sep 2019 14:18

Tgt Ion:119 Resp: 523622
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.7 38.1
 91 25.3 12.8 38.4

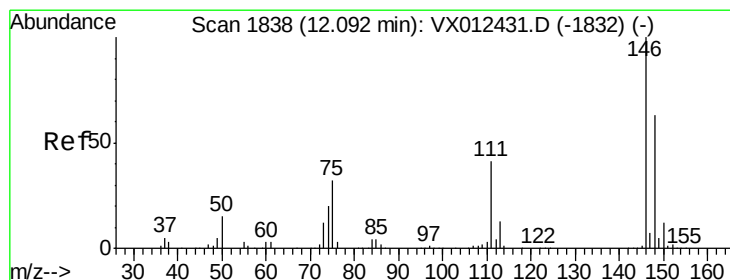
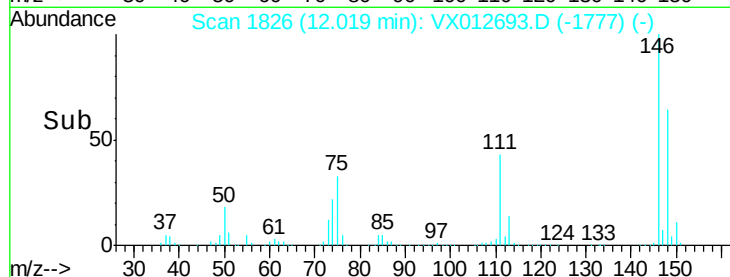
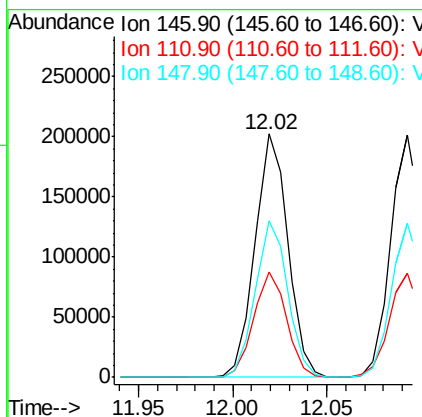
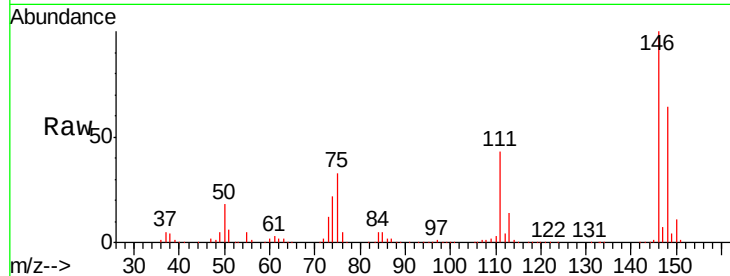




#87
 1,3-Dichlorobenzene
 Concen: 51.152 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012693.D
 Acq: 27 Sep 2019 14:18

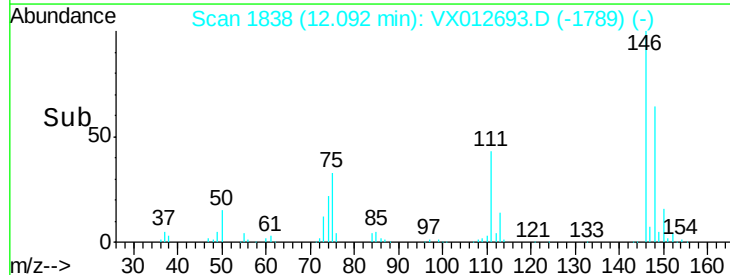
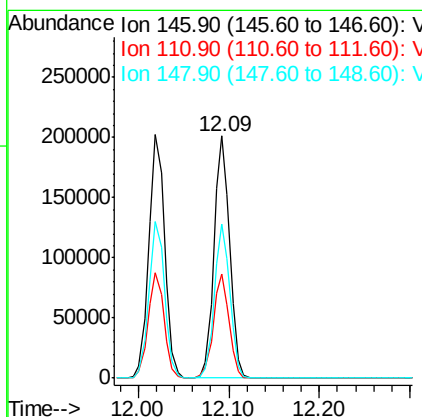
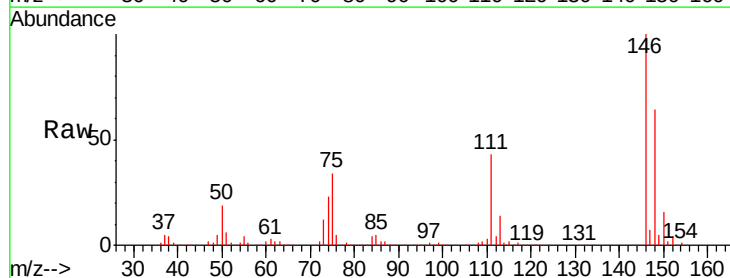
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

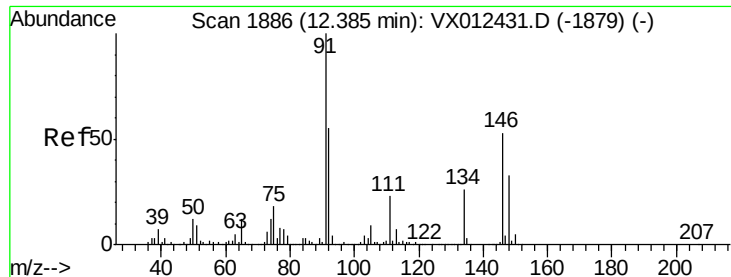
Tgt Ion:146 Resp: 244903
 Ion Ratio Lower Upper
 146 100
 111 43.4 21.3 64.0
 148 63.6 32.4 97.2



#88
 1,4-Dichlorobenzene
 Concen: 50.669 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012693.D
 Acq: 27 Sep 2019 14:18

Tgt Ion:146 Resp: 245134
 Ion Ratio Lower Upper
 146 100
 111 43.3 21.1 63.3
 148 63.1 32.1 96.5





#89

n-Butylbenzene

Concen: 52.749 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX012693.D

Acq: 27 Sep 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

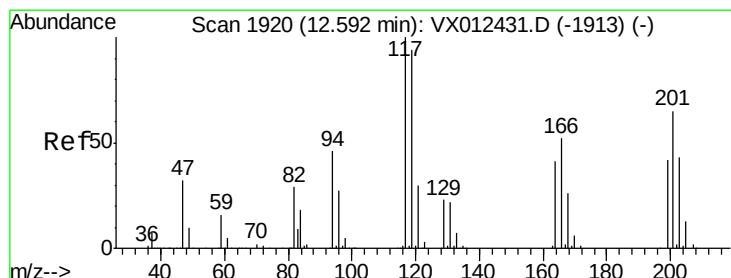
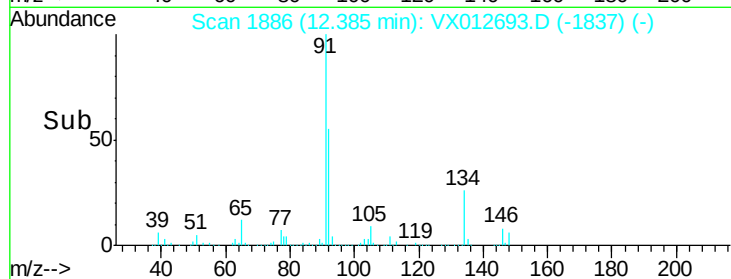
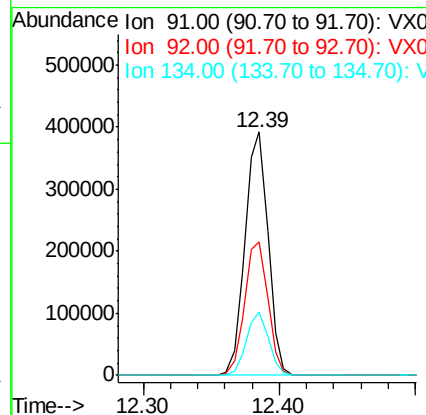
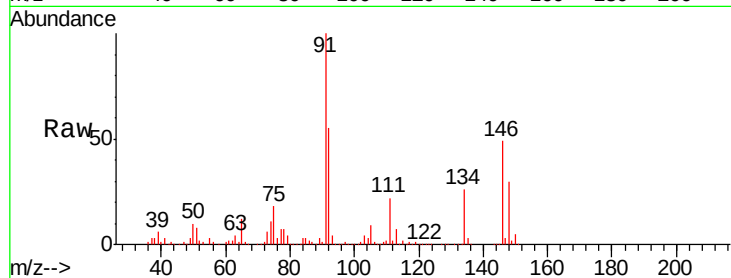
Tgt Ion: 91 Resp: 463863

Ion Ratio Lower Upper

91 100

92 55.4 27.7 83.0

134 25.1 12.9 38.6



#90

Hexachloroethane

Concen: 50.097 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX012693.D

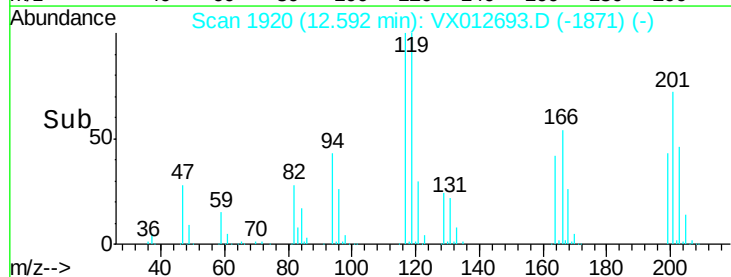
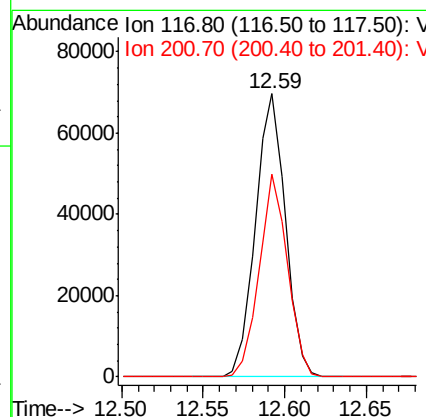
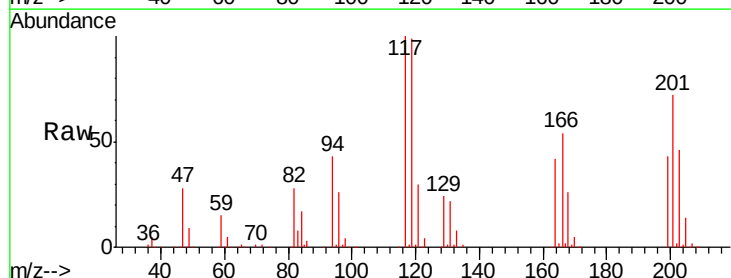
Acq: 27 Sep 2019 14:18

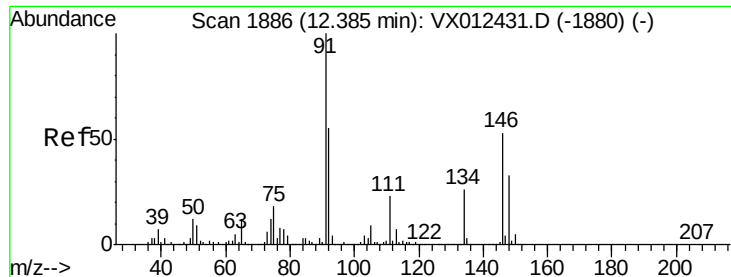
Tgt Ion: 117 Resp: 89130

Ion Ratio Lower Upper

117 100

201 68.1 33.3 99.8





#91

1,2-Dichlorobenzene

Concen: 49.978 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX012693.D

Acq: 27 Sep 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

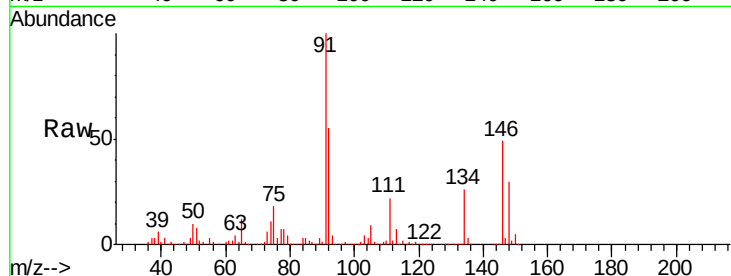
Tgt Ion:146 Resp: 239556

Ion Ratio Lower Upper

146 100

111 46.1 22.1 66.1

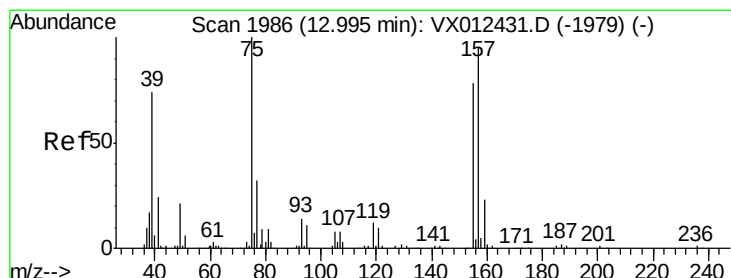
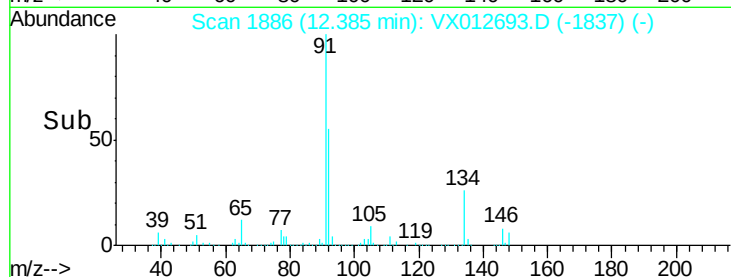
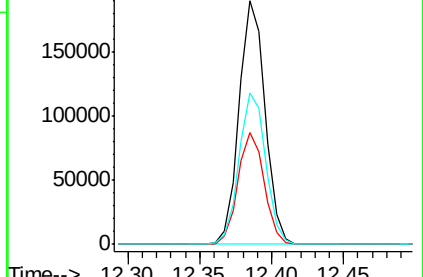
148 63.6 31.3 93.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.292 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX012693.D

Acq: 27 Sep 2019 14:18

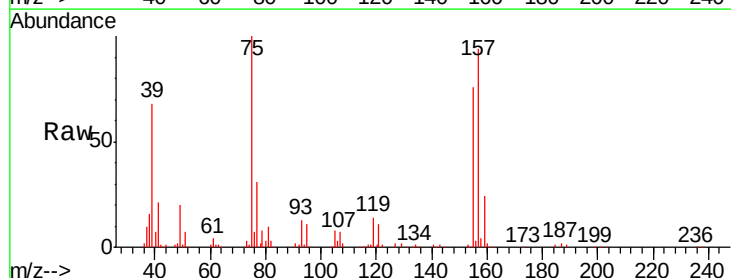
Tgt Ion: 75 Resp: 46054

Ion Ratio Lower Upper

75 100

155 77.9 38.6 115.8

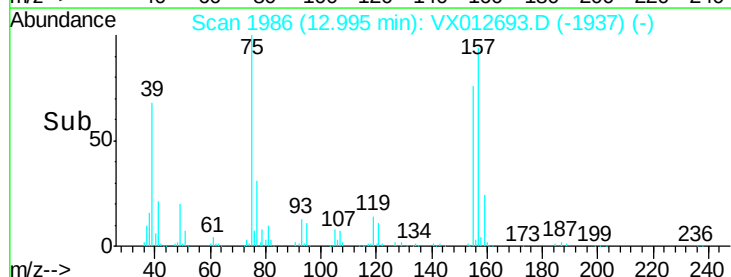
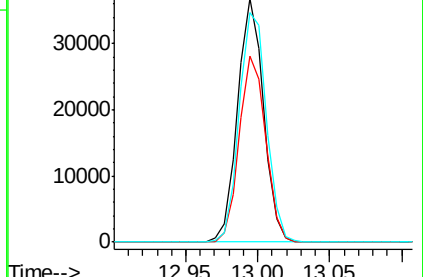
157 98.6 50.6 151.9

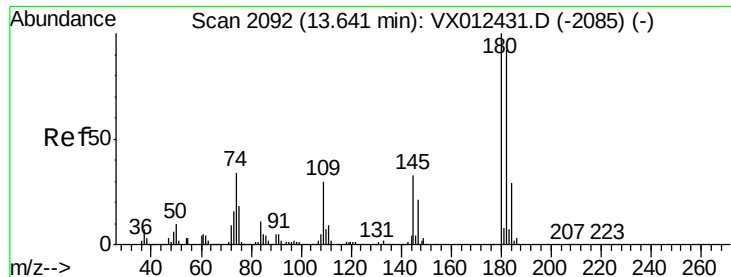


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

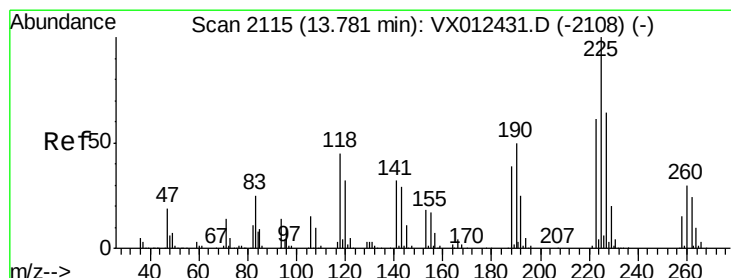
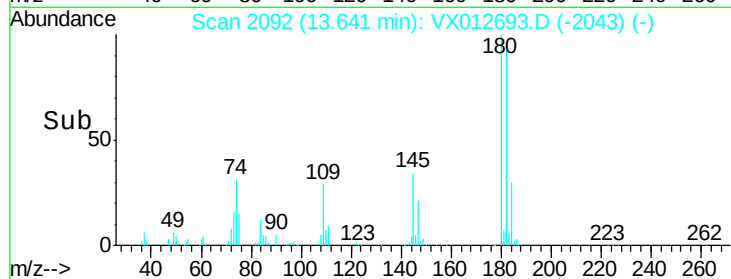
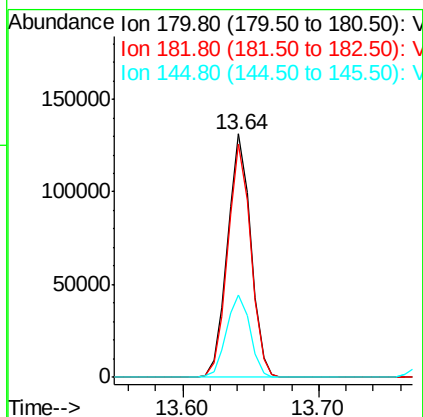
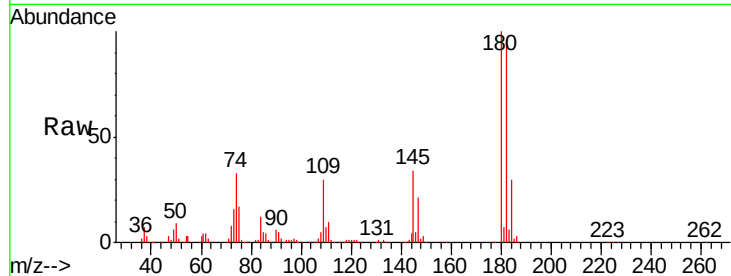




#93
 1,2,4-Trichlorobenzene
 Concen: 53.423 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012693.D
 Acq: 27 Sep 2019 14:18

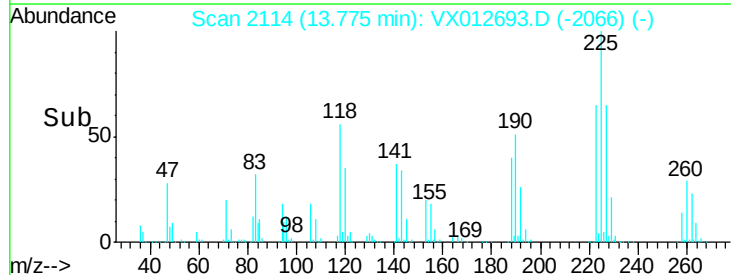
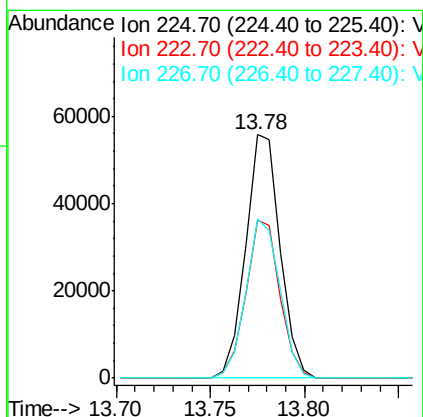
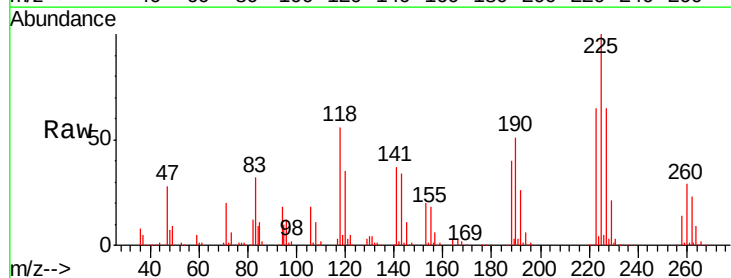
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

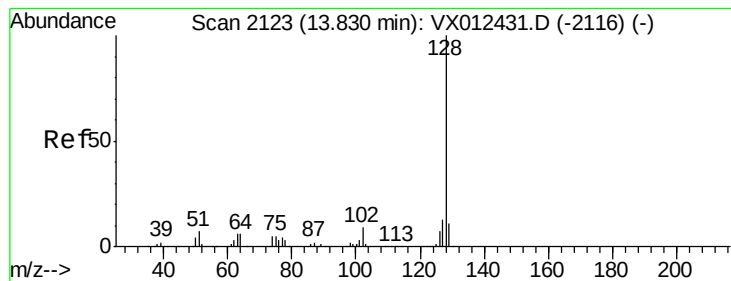
Tgt Ion:180 Resp: 156164
 Ion Ratio Lower Upper
 180 100
 182 94.9 47.0 141.0
 145 34.4 16.8 50.4



#94
 Hexachlorobutadiene
 Concen: 55.969 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX012693.D
 Acq: 27 Sep 2019 14:18

Tgt Ion:225 Resp: 70384
 Ion Ratio Lower Upper
 225 100
 223 64.5 32.0 96.2
 227 64.5 31.9 95.5





#95

Naphthalene

Concen: 51.753 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX012693.D

Acq: 27 Sep 2019 14:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

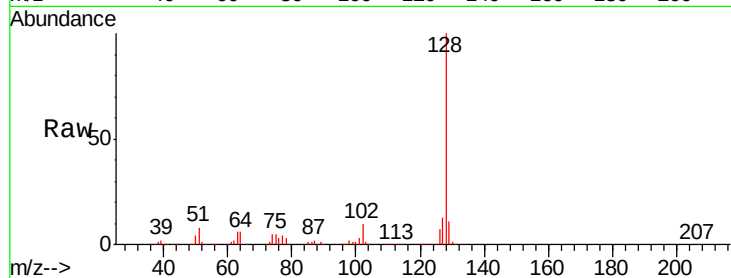
Tgt Ion:128 Resp: 547347

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.4

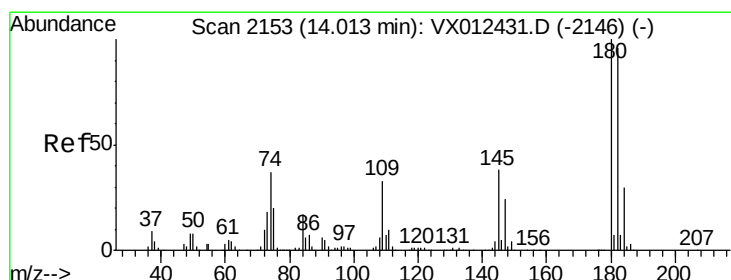
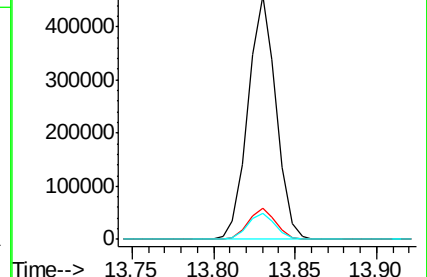
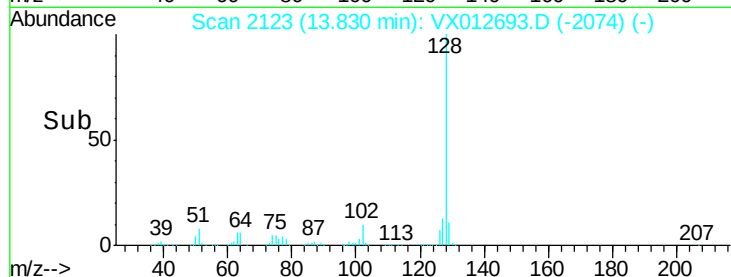
129 10.7 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 54.059 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX012693.D

Acq: 27 Sep 2019 14:18

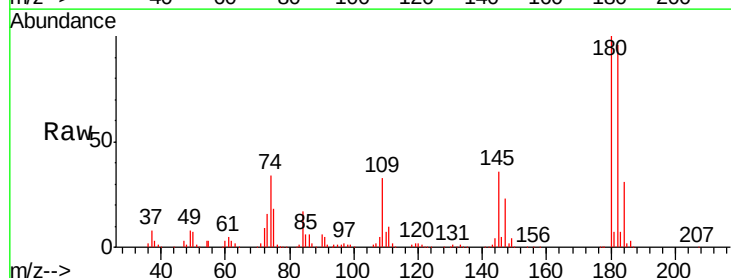
Tgt Ion:180 Resp: 158296

Ion Ratio Lower Upper

180 100

182 94.8 47.1 141.3

145 35.5 18.0 54.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

