

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100919\
 Data File : VX012980.D
 Acq On : 10 Oct 2019 06:52
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 10 07:13:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	159725	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	281594	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	256015	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	120458	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	108167	54.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.36%	
35) Dibromofluoromethane	5.49	113	84584	52.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.68%	
50) Toluene-d8	8.71	98	315479	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	
62) 4-Bromofluorobenzene	11.14	95	124702	50.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	81532	50.078	ug/l	99
3) Chloromethane	1.32	50	95514	53.905	ug/l	98
4) Vinyl Chloride	1.40	62	95626	52.287	ug/l	99
5) Bromomethane	1.63	94	39279	51.667	ug/l	97
6) Chloroethane	1.71	64	59976	53.660	ug/l	100
7) Trichlorofluoromethane	1.92	101	130050	52.685	ug/l	100
8) Diethyl Ether	2.18	74	54558	54.758	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	79607	49.831	ug/l	99
10) Methyl Iodide	2.50	142	97820	53.637	ug/l	99
11) Tert butyl alcohol	3.03	59	145198	274.364	ug/l	99
12) 1,1-Dichloroethene	2.36	96	85363	52.886	ug/l	96
13) Acrolein	2.28	56	86293	229.447	ug/l	98
14) Allyl chloride	2.72	41	152371	53.008	ug/l	98
15) Acrylonitrile	3.13	53	280951	280.137	ug/l	100
16) Acetone	2.44	43	240178	228.245	ug/l	99
17) Carbon Disulfide	2.56	76	226752	49.268	ug/l	99
18) Methyl Acetate	2.76	43	138729	55.621	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	319416	57.304	ug/l	99
20) Methylene Chloride	2.84	84	101521	52.496	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	95157	55.003	ug/l	98
22) Diisopropyl ether	3.84	45	313535	56.923	ug/l	95
23) Vinyl Acetate	3.80	43	1334029	280.555	ug/l	100
24) 1,1-Dichloroethane	3.69	63	173565	56.012	ug/l	99
25) 2-Butanone	4.66	43	387405	265.365	ug/l	99
26) 2,2-Dichloropropane	4.58	77	98748	37.897	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	109292	54.806	ug/l	96
28) Bromochloromethane	5.00	49	52298	56.533	ug/l	99
29) Tetrahydrofuran	5.12	42	247078	275.030	ug/l	98
30) Chloroform	5.20	83	174066	54.746	ug/l	98
31) Cyclohexane	5.57	56	141444	48.816	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	152082	56.451	ug/l	97
36) 1,1-Dichloropropene	5.79	75	124177	50.156	ug/l	99
37) Ethyl Acetate	4.82	43	143919	51.986	ug/l	99
38) Carbon Tetrachloride	5.78	117	124335	51.596	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	140956	46.947	ug/l	97
40) Benzene	6.13	78	389646	53.286	ug/l	99
41) Methacrylonitrile	5.03	41	81053	53.282	ug/l	99
42) 1,2-Dichloroethane	6.18	62	141305	53.854	ug/l	100
43) Isopropyl Acetate	6.43	43	242154	54.498	ug/l	100
44) Trichloroethene	7.21	130	101414	50.014	ug/l	99
45) 1,2-Dichloropropane	7.51	63	102374	54.932	ug/l	100
46) Dibromomethane	7.65	93	67199	54.120	ug/l	100
47) Bromodichloromethane	7.89	83	133610	55.139	ug/l	98
48) Methyl methacrylate	7.76	41	116594	53.846	ug/l	99
49) 1,4-Dioxane	7.73	88	59670	1025.949	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	756917	273.221	ug/l	100
52) Toluene	8.78	92	246644	52.723	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	142226	47.161	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	154781	51.935	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	100297	54.176	ug/l	99
56) Ethyl methacrylate	9.17	69	165935	50.052	ug/l	100
57) 1,3-Dichloropropane	9.37	76	173456	54.164	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	367857	270.479	ug/l	99
59) 2-Hexanone	9.49	43	584331	270.958	ug/l	100
60) Dibromochloromethane	9.58	129	103018	50.004	ug/l	99
61) 1,2-Dibromoethane	9.67	107	104763	53.794	ug/l	100
64) Tetrachloroethene	9.33	164	90906	51.194	ug/l	98
65) Chlorobenzene	10.14	112	261212	51.379	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	96912	54.977	ug/l	99
67) Ethyl Benzene	10.25	91	468400	51.867	ug/l	99
68) m/p-Xylenes	10.35	106	351852	104.292	ug/l	100
69) o-Xylene	10.70	106	173650	52.781	ug/l	98
70) Styrene	10.71	104	300154	53.666	ug/l	100
71) Bromoform	10.85	173	71100	47.513	ug/l #	99
73) Isopropylbenzene	11.01	105	454730	51.345	ug/l	100
74) N-amyl acetate	10.89	43	210163	55.100	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	155518	52.797	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	176713	66.141	ug/l	77
77) Bromobenzene	11.25	156	106571	51.065	ug/l	95
78) n-propylbenzene	11.35	91	487319	50.006	ug/l	100
79) 2-Chlorotoluene	11.42	91	317993	51.921	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	377175	51.004	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	43430	42.470	ug/l	98
82) 4-Chlorotoluene	11.51	91	365066	52.004	ug/l	99
83) tert-Butylbenzene	11.77	119	366750	50.840	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	395190	52.766	ug/l	99
85) sec-Butylbenzene	11.94	105	426810	51.069	ug/l	100
86) p-Isopropyltoluene	12.06	119	399398	51.528	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	197545	50.973	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	194112	49.455	ug/l	99
89) n-Butylbenzene	12.39	91	332835	51.092	ug/l	99
90) Hexachloroethane	12.59	117	68594	47.875	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	197633	52.017	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	39151	56.707	ug/l	96

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Quant Title : SW846 8260
QLast Update : Wed Oct 09 01:51:23 2019
Response via : Initial Calibration

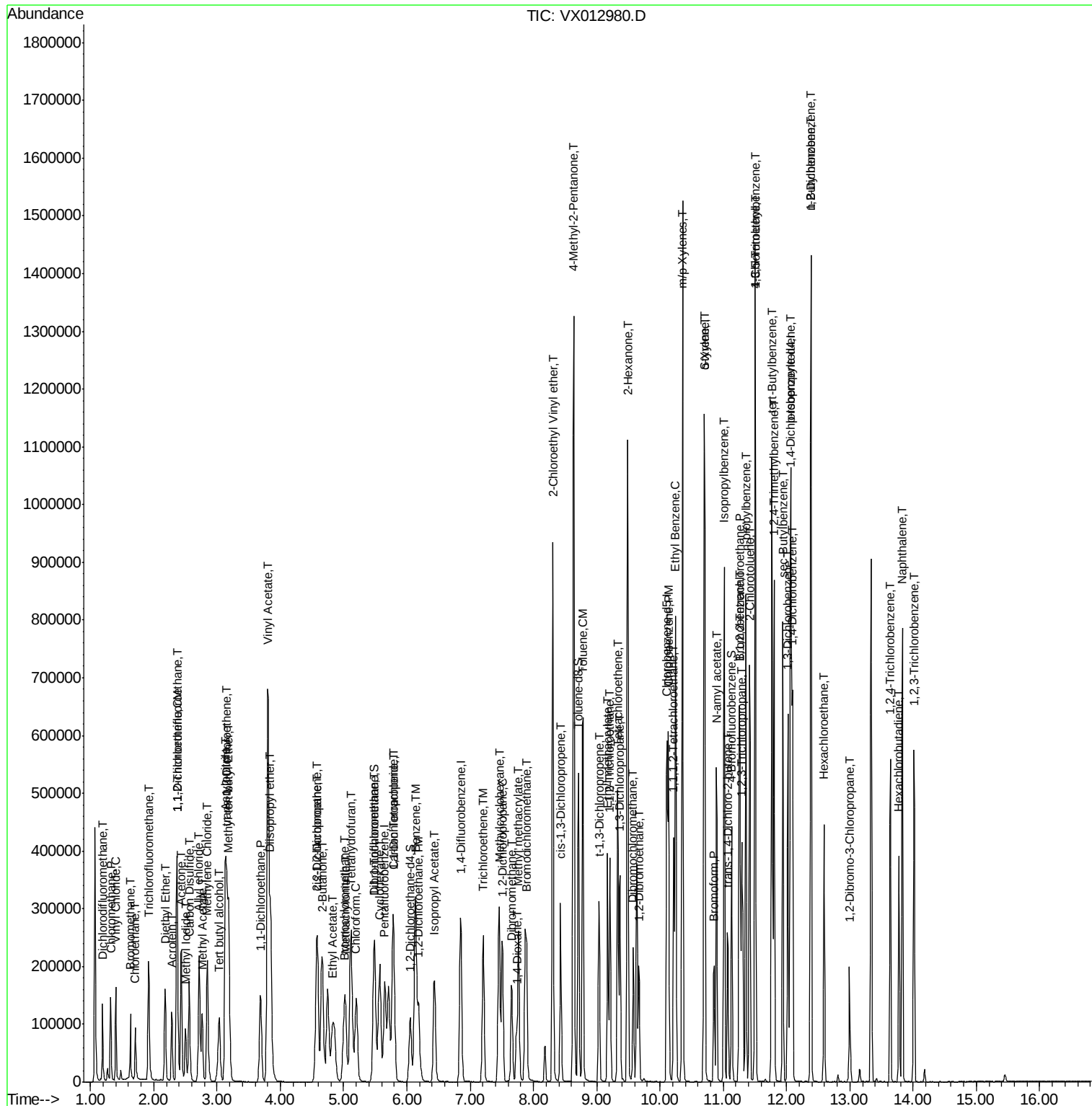
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	121124	50.892	ug/l	98
94) Hexachlorobutadiene	13.78	225	52972	48.227	ug/l	98
95) Naphthalene	13.83	128	448525	54.364	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	126735	51.529	ug/l	99

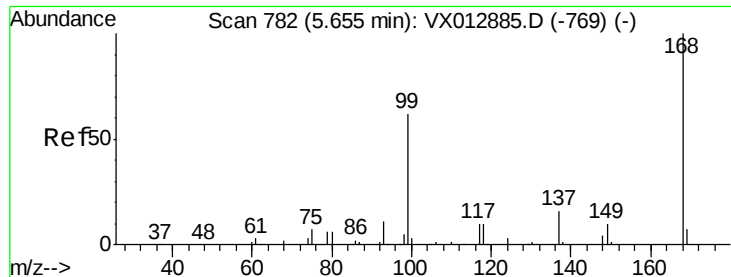
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Operator  : JC/SP
Sample    : VSTDCCC050
Misc      : 5.0mL/MSVOA X/WATER
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Instrument :
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Quant Title : SW846 8260
QLast Update : Wed Oct 09 01:51:23 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX012980.D

Acq: 10 Oct 2019 06:52

Instrument :

MSVOA_X

ClientSampleId :

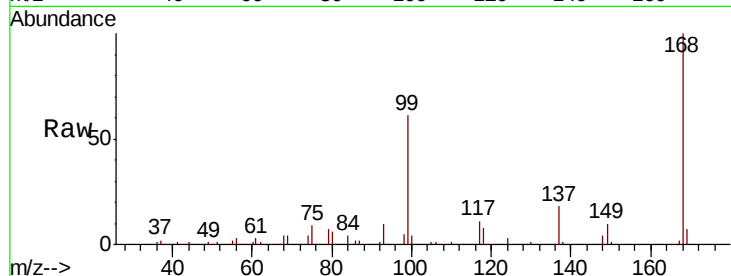
VSTDCCC050EC

Tot Ion:168 Resp: 159725

Ion Ratio Lower Upper

168 100

99 60.7 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

50000

40000

30000

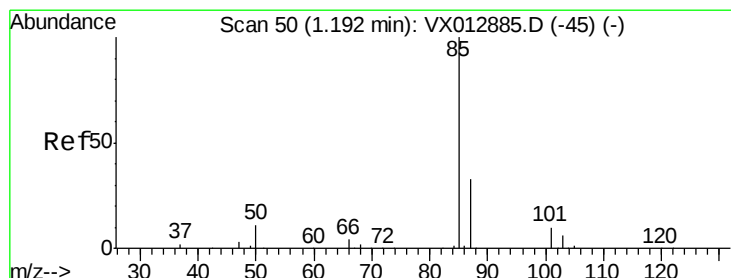
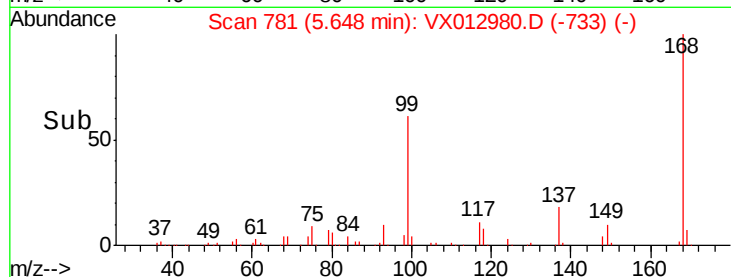
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 50.078 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.01 min

Lab File: VX012980.D

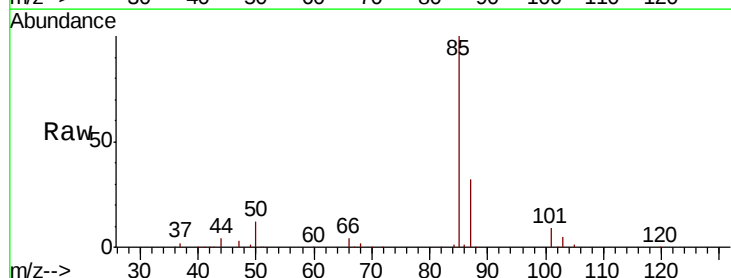
Acq: 10 Oct 2019 06:52

Tgt Ion: 85 Resp: 81532

Ion Ratio Lower Upper

85 100

87 32.1 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

80000

60000

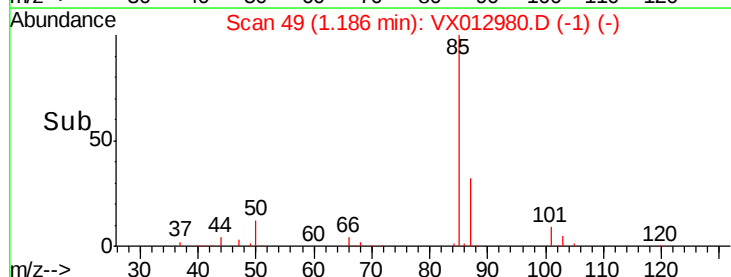
40000

20000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 53.905 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX012980.D

Acq: 10 Oct 2019 06:52

Instrument :

MSVOA_X

ClientSampleId :

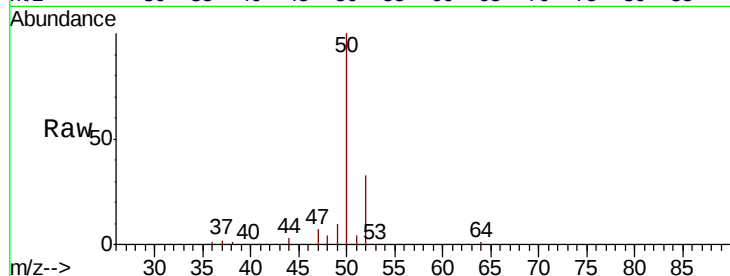
VSTDCCC050EC

Tot Ion: 50 Resp: 95514

Ion Ratio Lower Upper

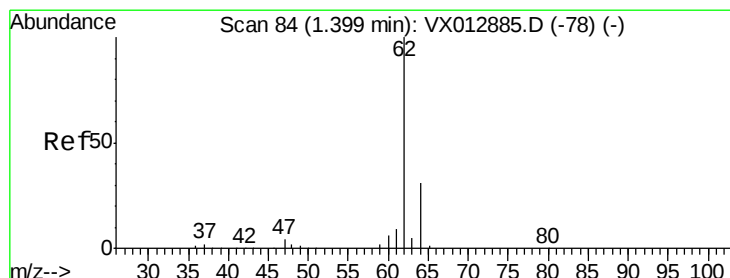
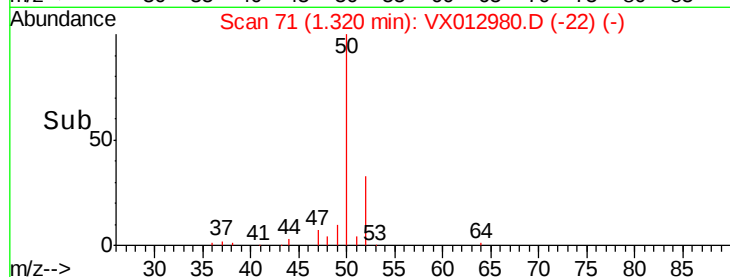
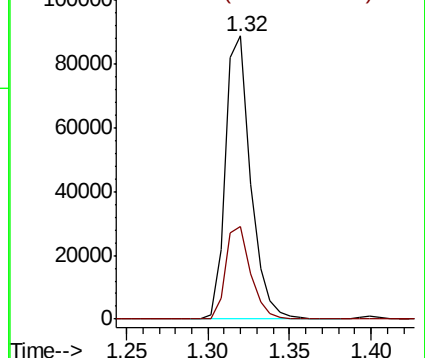
50 100

52 32.7 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 52.287 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX012980.D

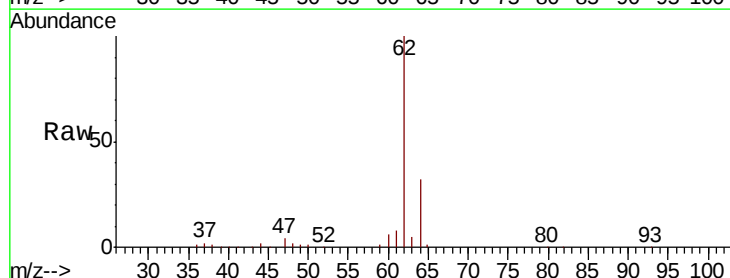
Acq: 10 Oct 2019 06:52

Tgt Ion: 62 Resp: 95626

Ion Ratio Lower Upper

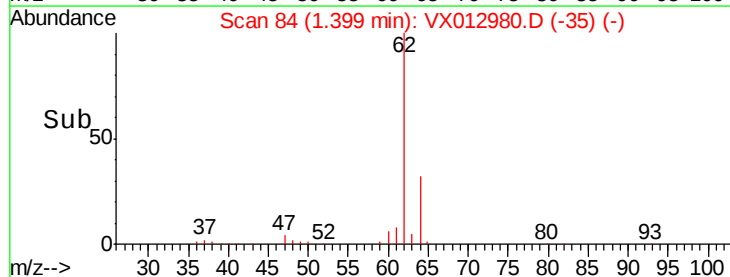
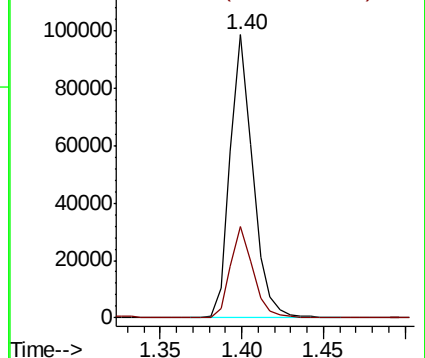
62 100

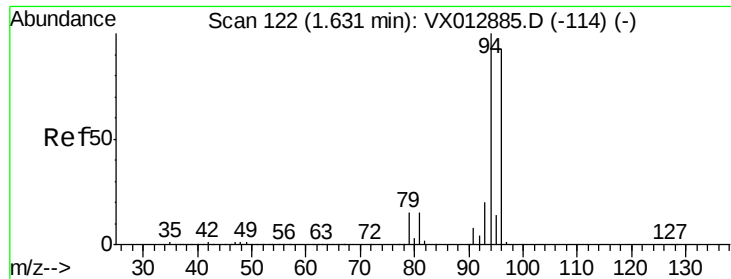
64 32.2 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 51.667 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX012980.D

Acq: 10 Oct 2019 06:52

Instrument :

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ClientSampleId :

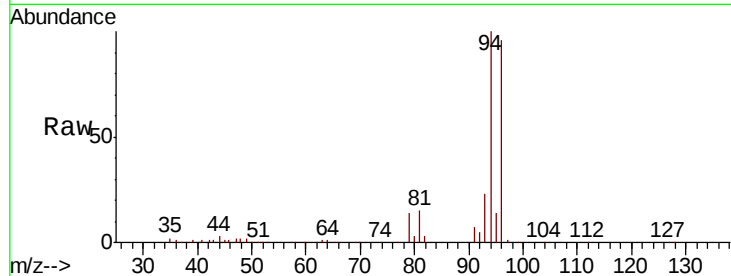
VSTDCCC050EC

Tot Ion: 94 Resp: 39279

Ion Ratio Lower Upper

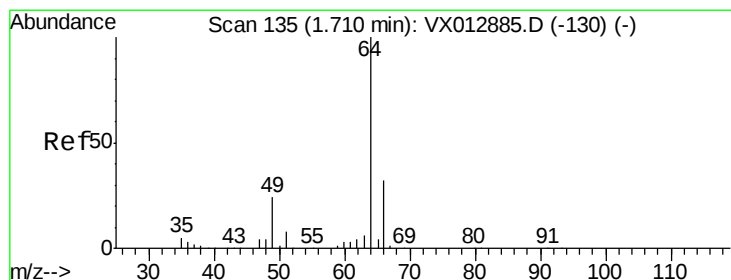
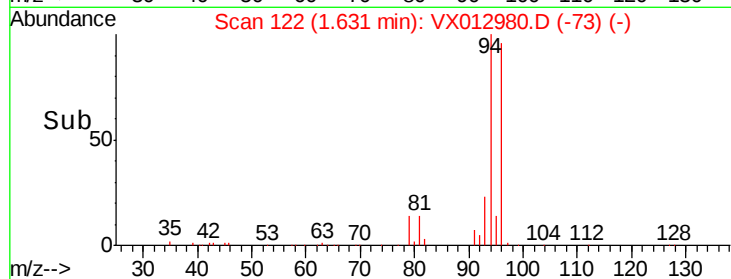
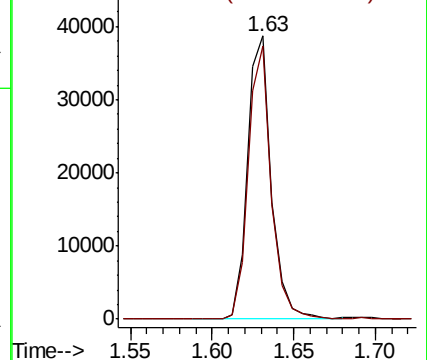
94 100

96 96.3 74.7 112.1



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 53.660 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX012980.D

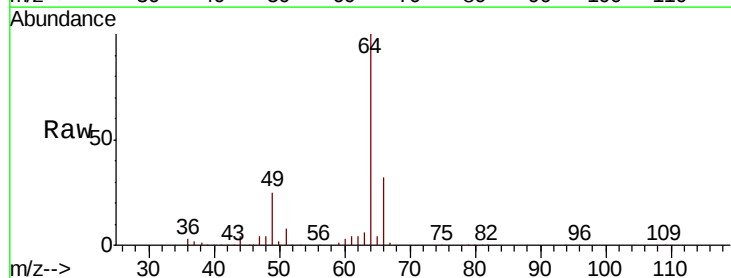
Acq: 10 Oct 2019 06:52

Tgt Ion: 64 Resp: 59976

Ion Ratio Lower Upper

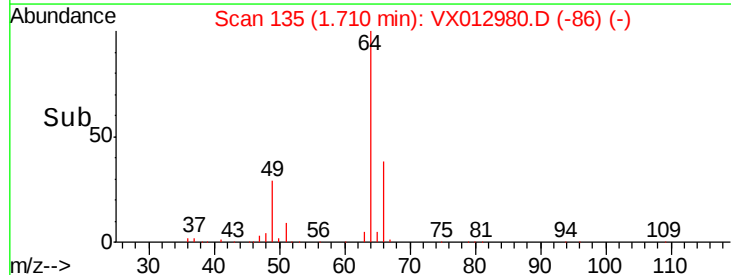
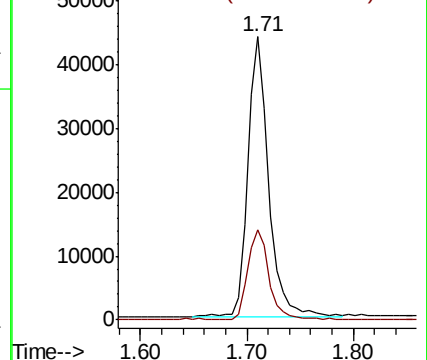
64 100

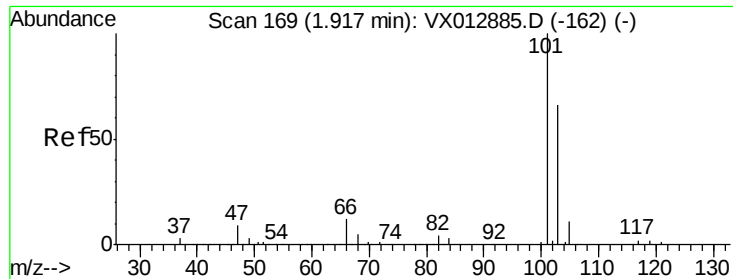
66 32.2 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



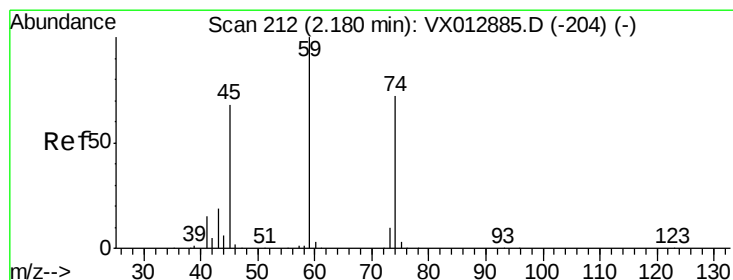
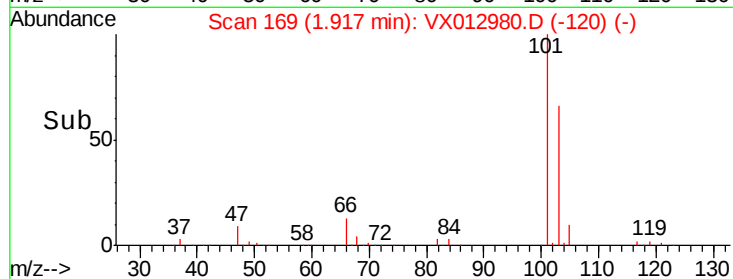
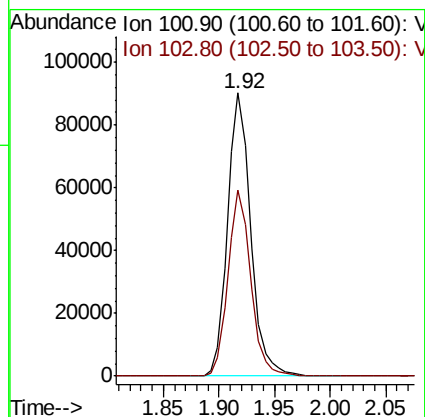
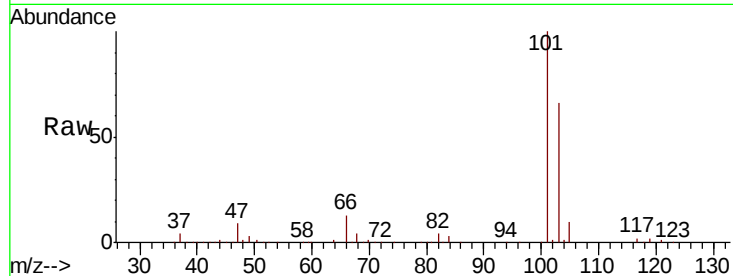


#7

Trichlorofluoromethane
 Concen: 52.685 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. -0.00 min
 Lab File: VX012980.D
 Acq: 10 Oct 2019 06:52

Instrument :
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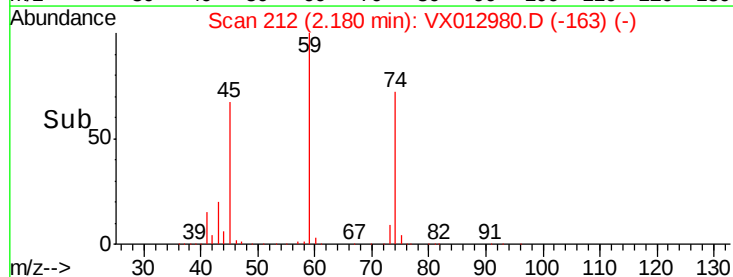
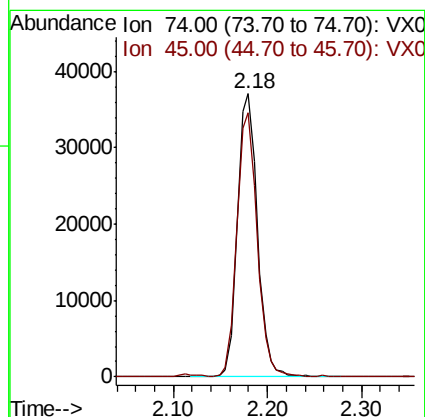
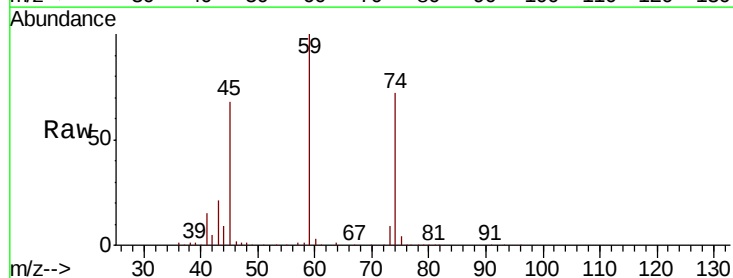
Tot Ion:101 Resp: 130050
 Ion Ratio Lower Upper
 101 100
 103 65.8 52.5 78.7

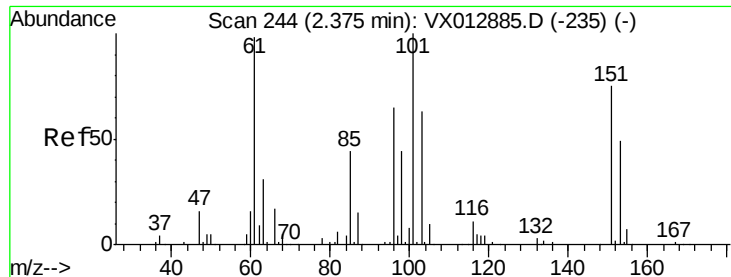


#8

Diethyl Ether
 Concen: 54.758 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX012980.D
 Acq: 10 Oct 2019 06:52

Tgt Ion: 74 Resp: 54558
 Ion Ratio Lower Upper
 74 100
 45 94.1 47.8 143.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.831 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX012980.D

Acq: 10 Oct 2019 06:52

Instrument :

MSVOA_X

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VSTDCCC050EC

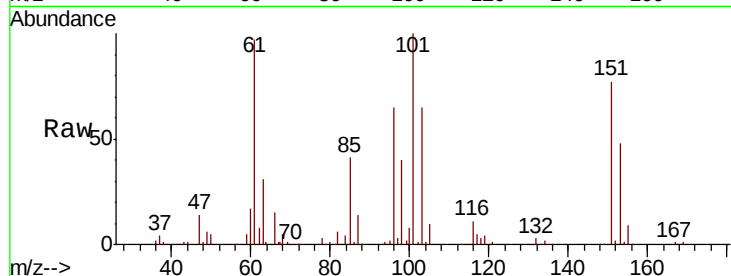
Tot Ion:101 Resp: 79607

Ion Ratio Lower Upper

101 100

85 42.9 35.2 52.8

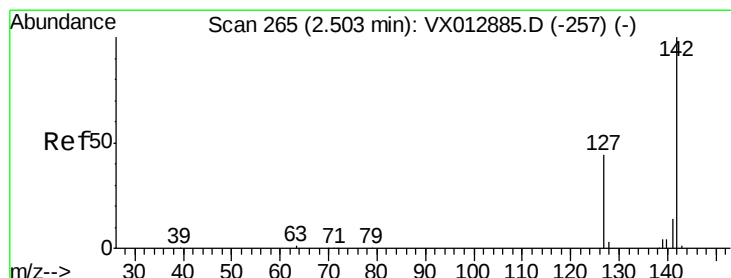
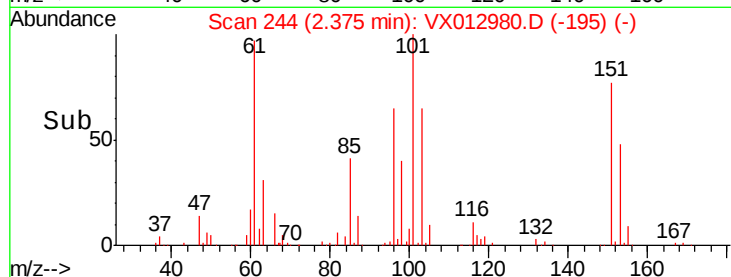
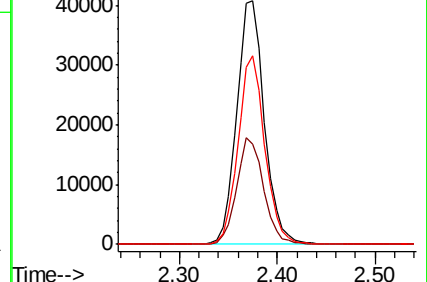
151 75.1 60.3 90.5



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: 53.637 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX012980.D

Acq: 10 Oct 2019 06:52

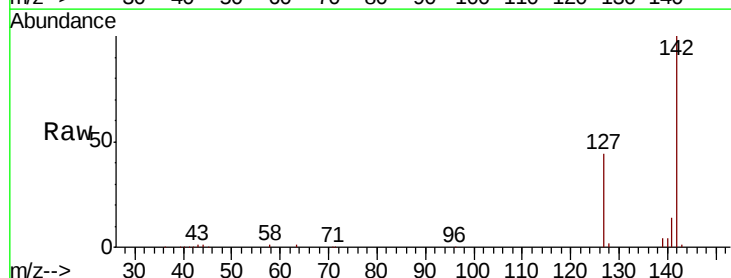
Tgt Ion:142 Resp: 97820

Ion Ratio Lower Upper

142 100

127 44.5 34.9 52.3

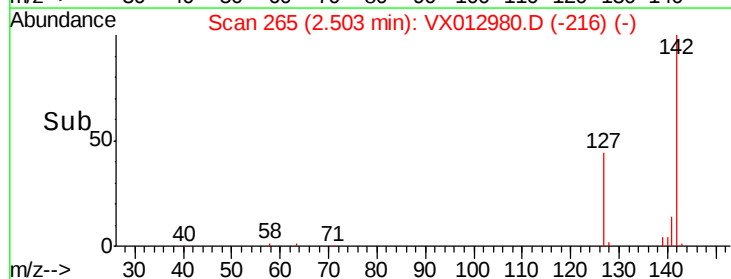
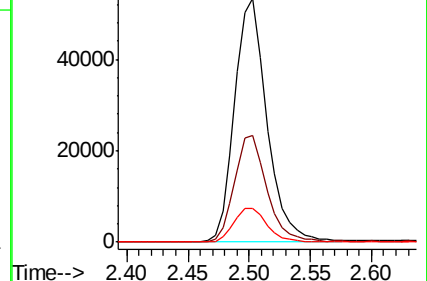
141 14.3 11.6 17.4

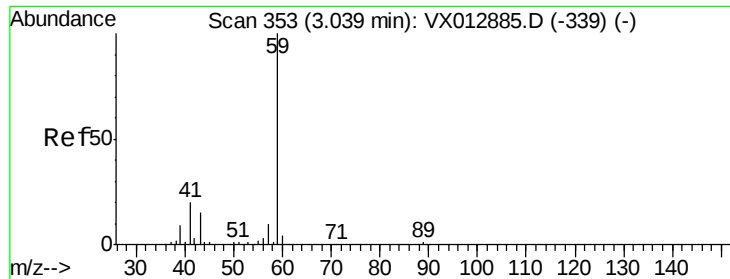


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

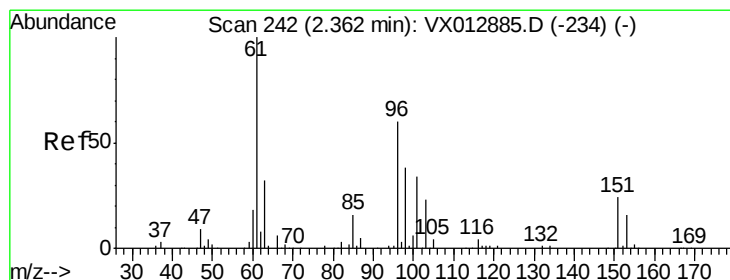
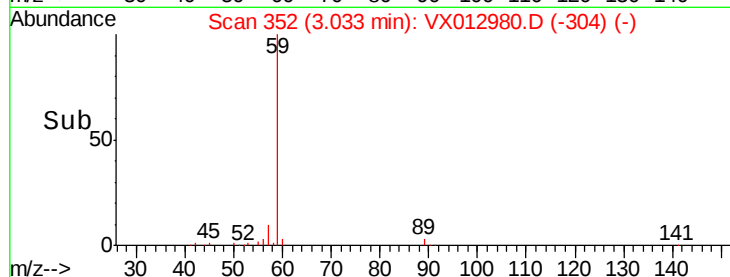
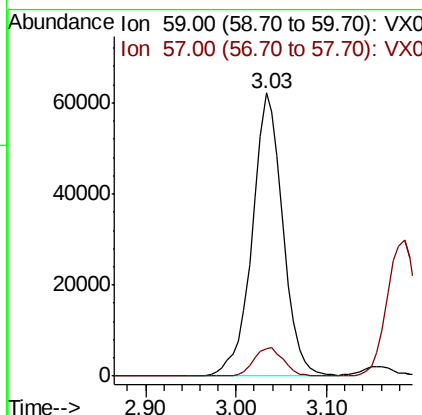
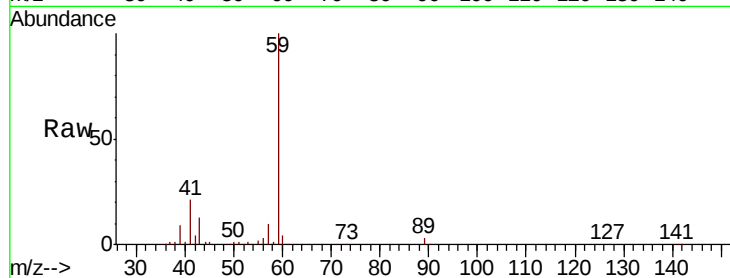




#11
Tert butyl alcohol
Concen: 274.364 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX012980.D
Acq: 10 Oct 2019 06:52

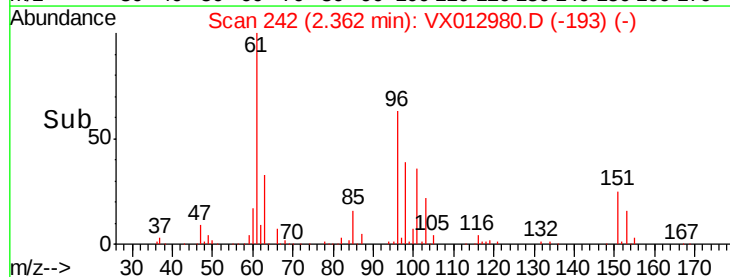
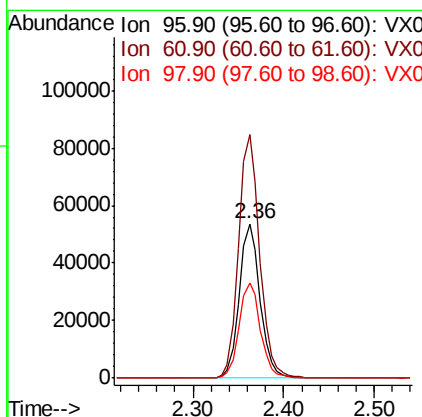
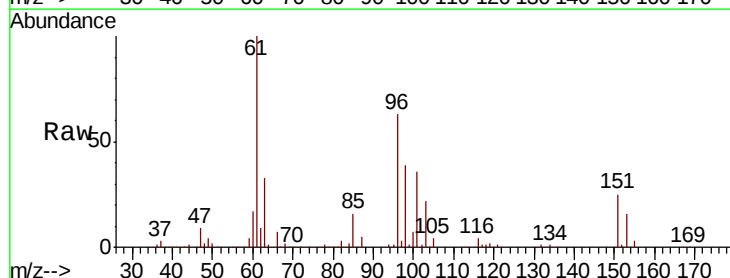
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

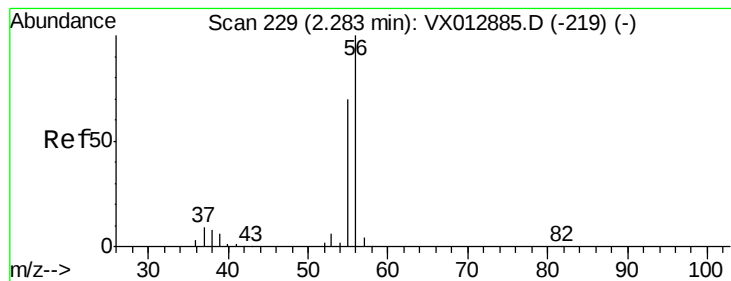
Tot Ion: 59 Resp: 145198
Ion Ratio Lower Upper
59 100
57 9.9 8.3 12.5



#12
1,1-Dichloroethene
Concen: 52.886 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX012980.D
Acq: 10 Oct 2019 06:52

Tgt Ion: 96 Resp: 85363
Ion Ratio Lower Upper
96 100
61 158.0 132.2 198.4
98 62.1 50.5 75.7





#13

Acrolein

Concen: 229.447 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX012980.D

Acq: 10 Oct 2019 06:52

Instrument :

MSVOA_X

ClientSampleId :

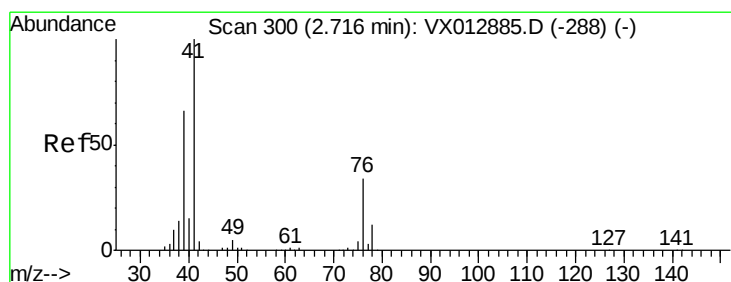
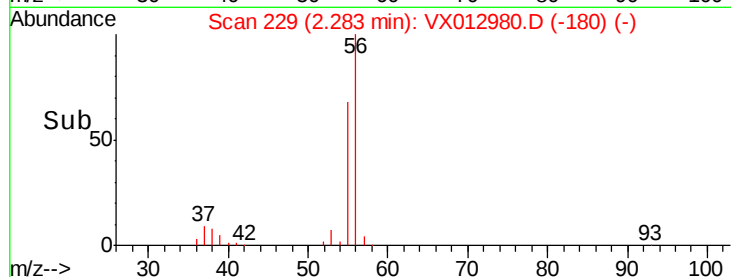
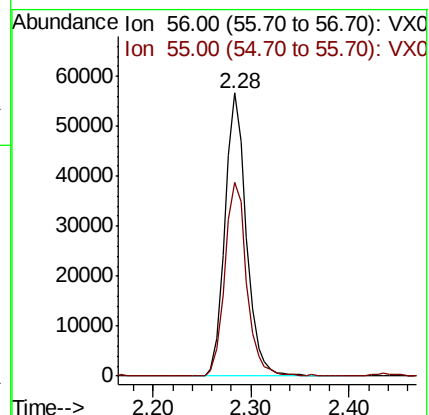
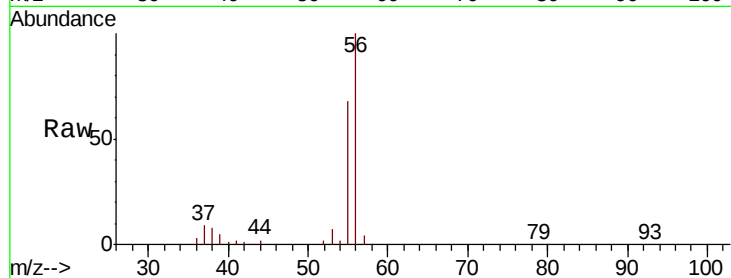
VSTDCCC050EC

Tot Ion: 56 Resp: 86293

Ion Ratio Lower Upper

56 100

55 69.5 56.6 85.0



#14

Allyl chloride

Concen: 53.008 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX012980.D

Acq: 10 Oct 2019 06:52

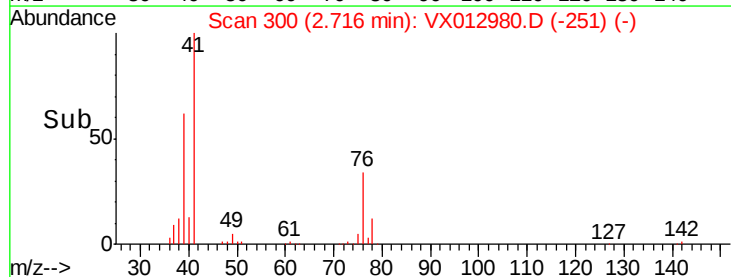
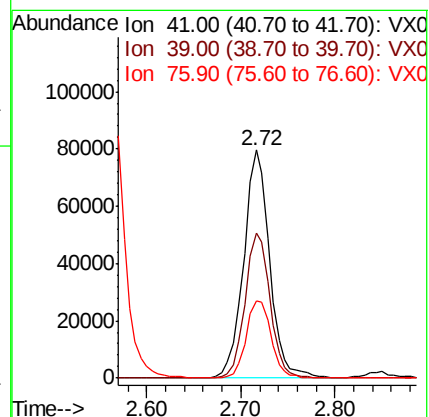
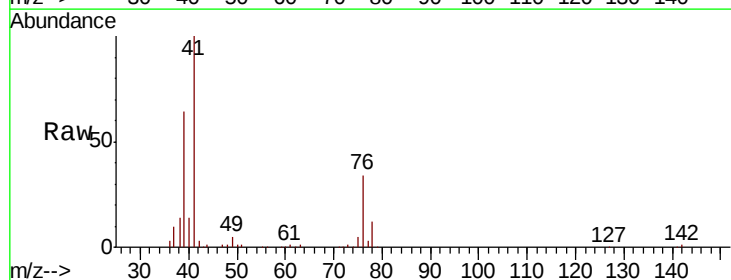
Tgt Ion: 41 Resp: 152371

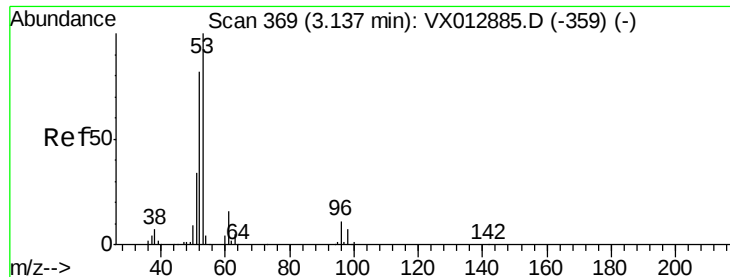
Ion Ratio Lower Upper

41 100

39 61.5 51.0 76.6

76 32.6 26.2 39.4





#15

Acrylonitrile

Concen: 280.137 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.01 min

Lab File: VX012980.D

Acq: 10 Oct 2019 06:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

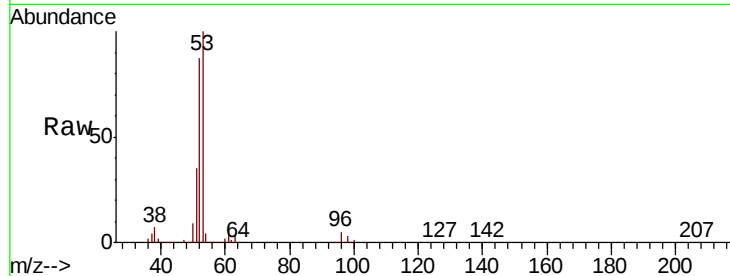
Tot Ion: 53 Resp: 280951

Ion Ratio Lower Upper

53 100

52 83.1 66.2 99.2

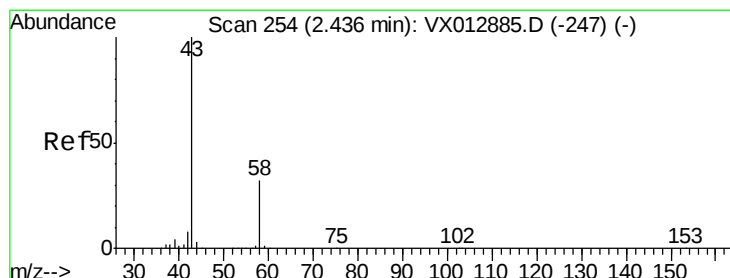
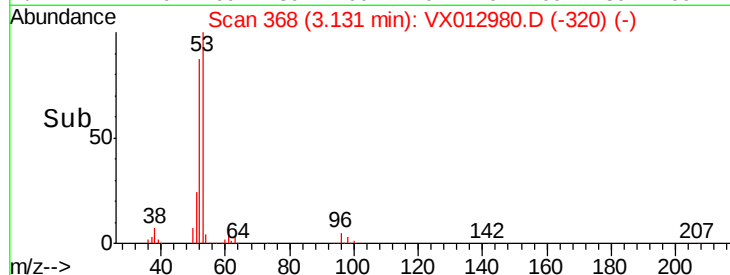
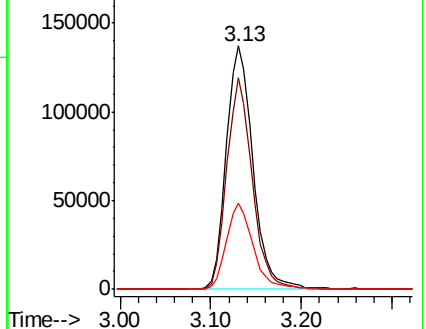
51 35.4 28.2 42.4



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: 228.245 ug/l

RT: 2.44 min Scan# 254

Delta R.T. -0.00 min

Lab File: VX012980.D

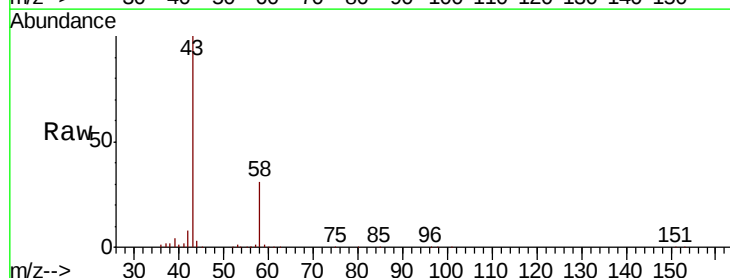
Acq: 10 Oct 2019 06:52

Tgt Ion: 43 Resp: 240178

Ion Ratio Lower Upper

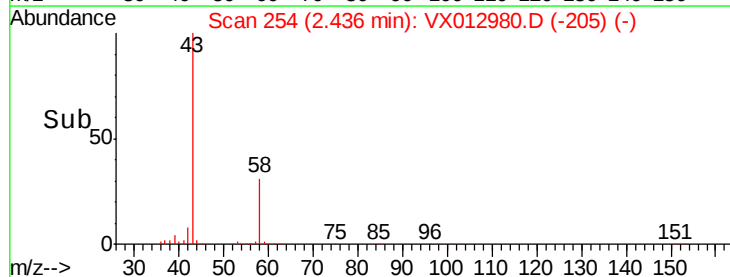
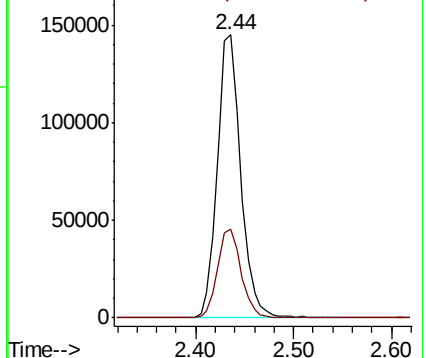
43 100

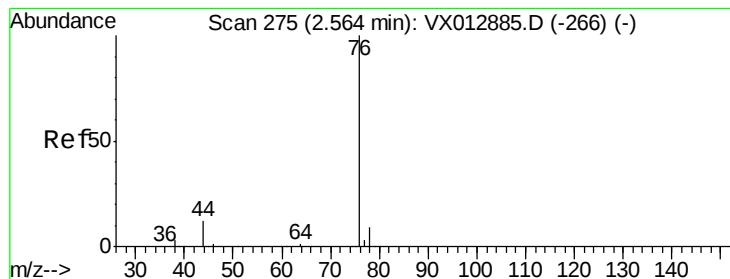
58 31.4 25.4 38.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 49.268 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.01 min

Lab File: VX012980.D

Acq: 10 Oct 2019 06:52

Instrument :

MSVOA_X

ClientSampleId :

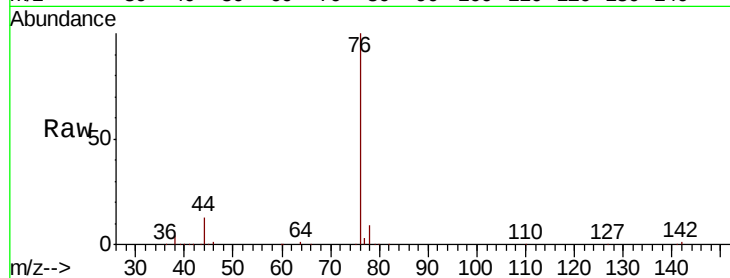
VSTDCCC050EC

Tot Ion: 76 Resp: 226752

Ion Ratio Lower Upper

76 100

78 9.3 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

150000

100000

50000

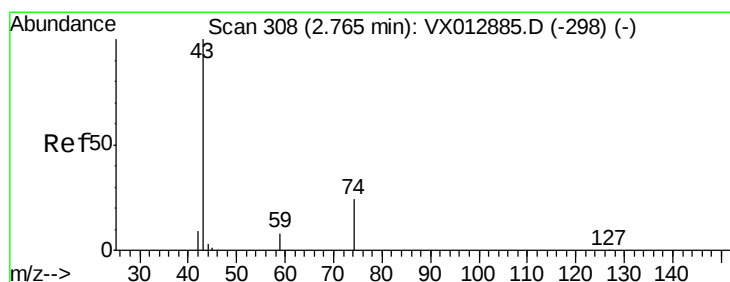
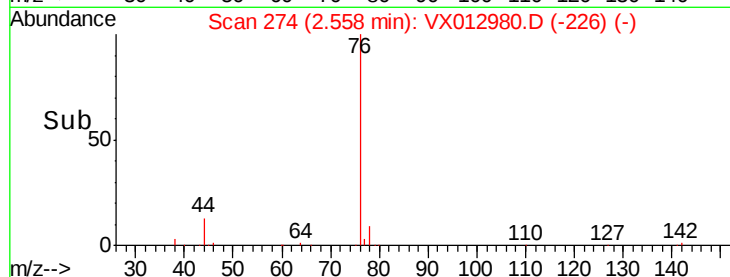
0

Time-->

2.50

2.60

2.70



#18

Methyl Acetate

Concen: 55.621 ug/l

RT: 2.76 min Scan# 308

Delta R.T. -0.00 min

Lab File: VX012980.D

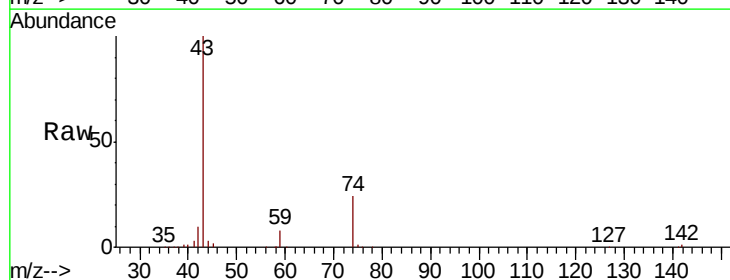
Acq: 10 Oct 2019 06:52

Tgt Ion: 43 Resp: 138729

Ion Ratio Lower Upper

43 100

74 24.5 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

80000

60000

40000

20000

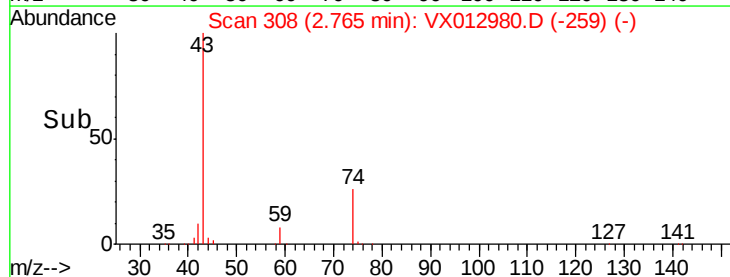
0

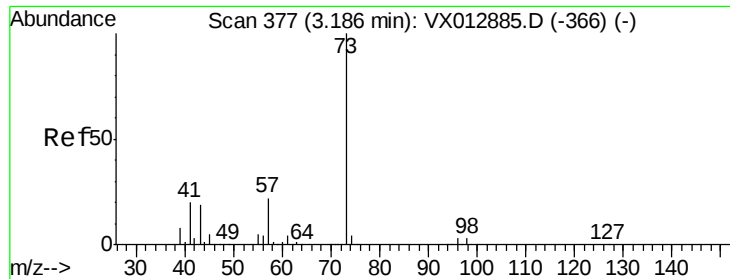
Time-->

2.70

2.80

2.90

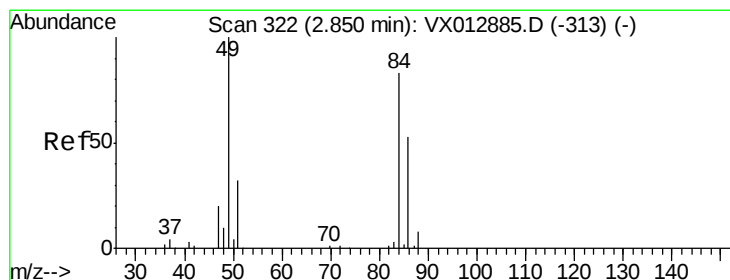
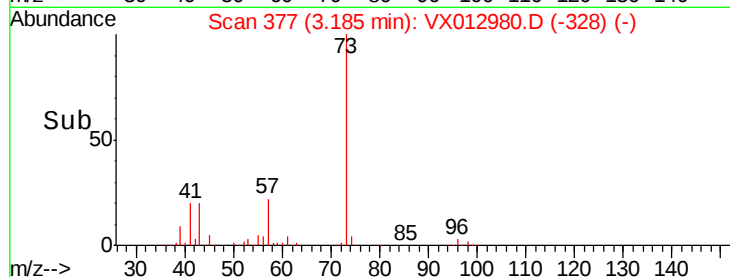
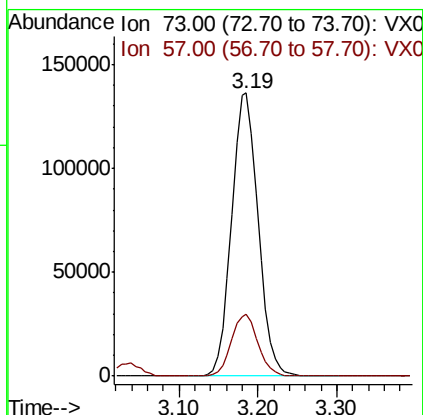
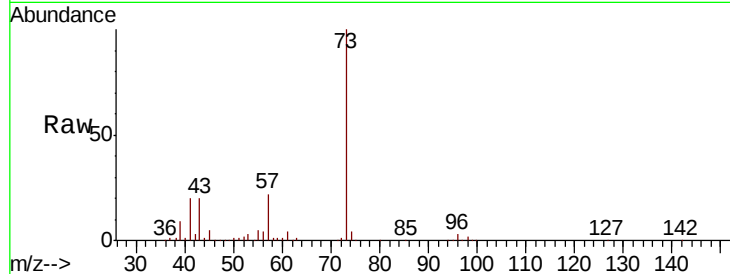




#19
Methvl tert-butvl Ether
Concen: 57.304 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX012980.D
Acq: 10 Oct 2019 06:52

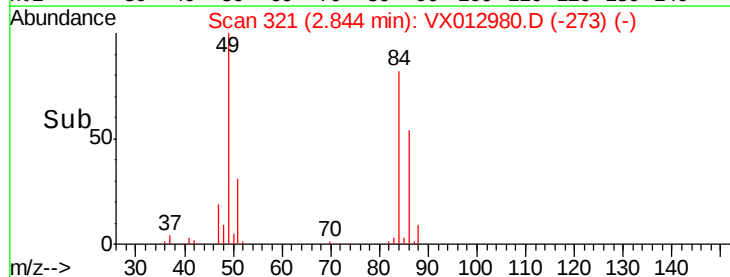
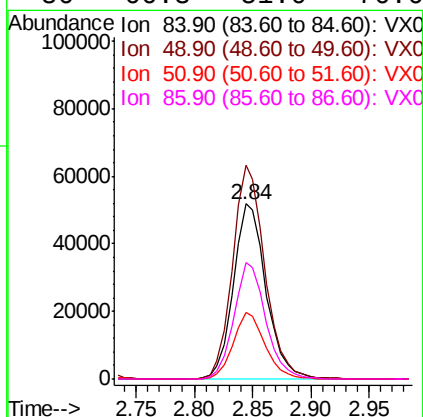
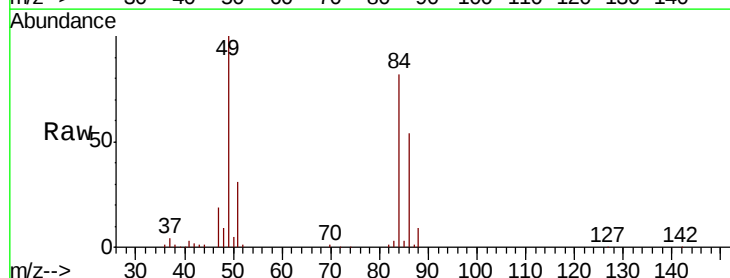
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

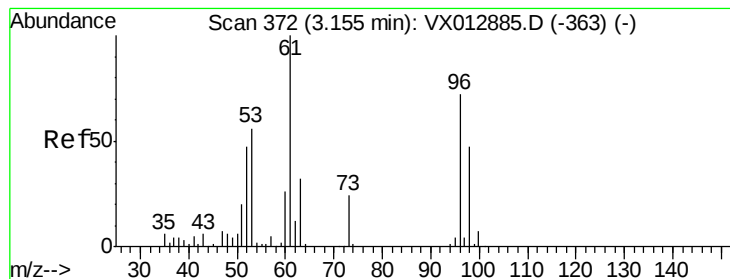
Tot Ion: 73 Resp: 319416
Ion Ratio Lower Upper
73 100
57 21.9 17.8 26.6



#20
Methylene Chloride
Concen: 52.496 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX012980.D
Acq: 10 Oct 2019 06:52

Tgt Ion: 84 Resp: 101521
Ion Ratio Lower Upper
84 100
49 121.9 96.6 144.8
51 38.3 30.7 46.1
86 66.3 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 55.003 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX012980.D

Acq: 10 Oct 2019 06:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

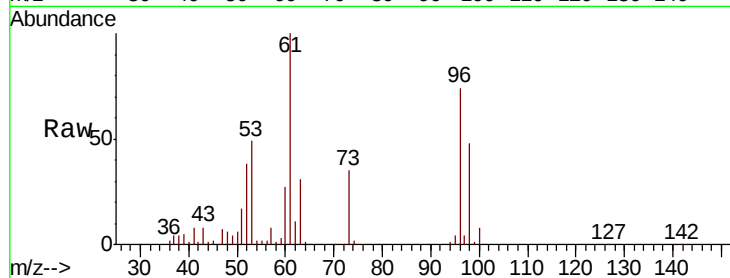
Tot Ion: 96 Resp: 95157

Ion Ratio Lower Upper

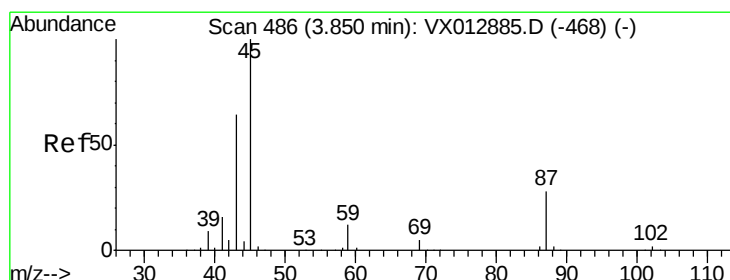
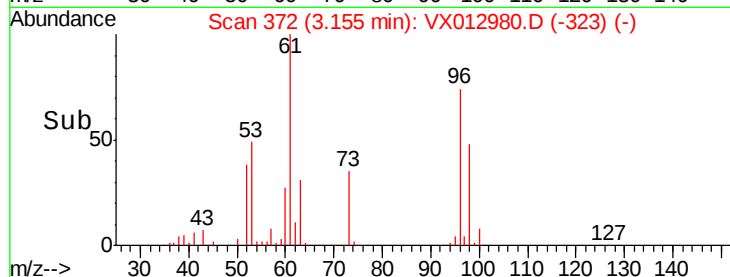
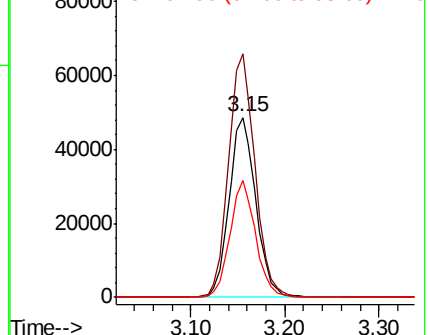
96 100

61 135.2 110.4 165.6

98 65.1 51.5 77.3



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: 56.923 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.01 min

Lab File: VX012980.D

Acq: 10 Oct 2019 06:52

Tgt Ion: 45 Resp: 313535

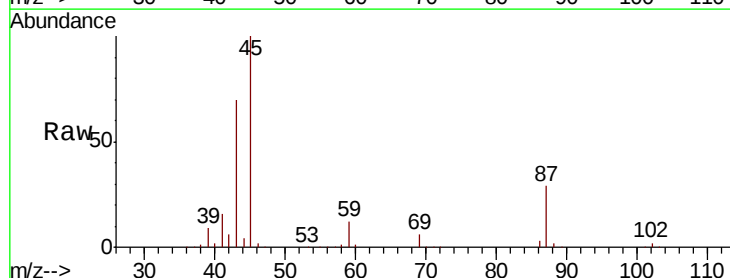
Ion Ratio Lower Upper

45 100

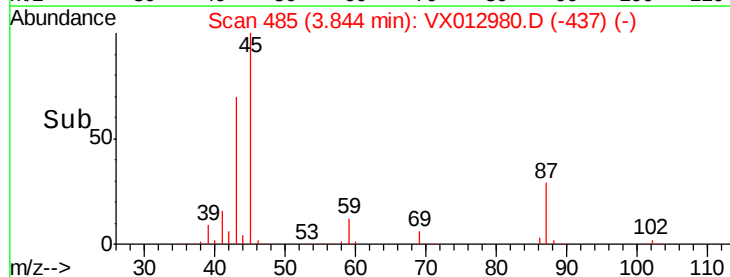
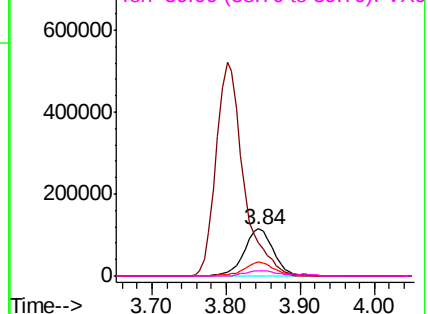
43 69.6 51.4 77.0

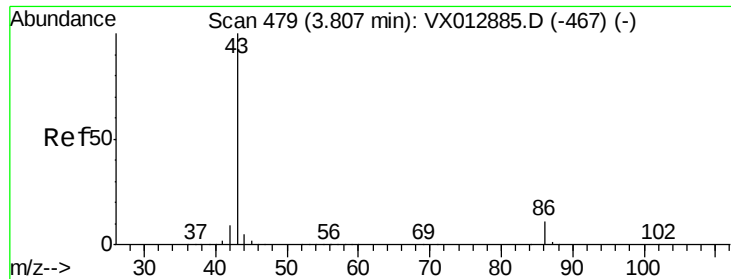
87 29.3 22.5 33.7

59 11.9 9.7 14.5



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: 280.555 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX012980.D

Acq: 10 Oct 2019 06:52

Instrument :

MSVOA_X

ClientSampleId :

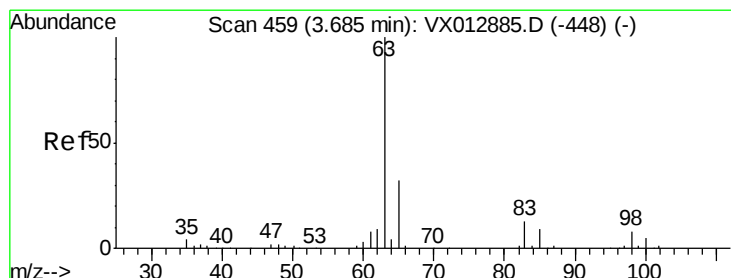
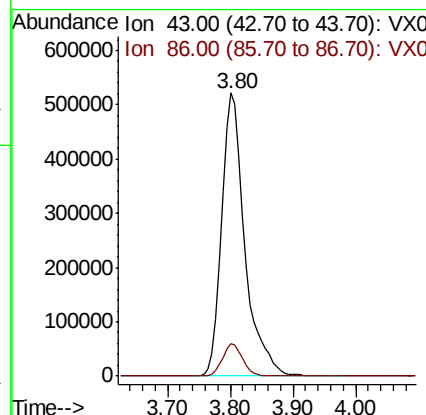
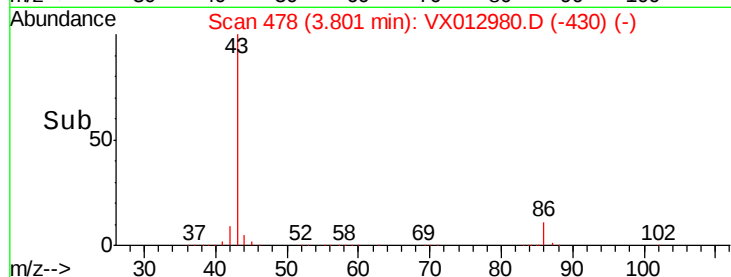
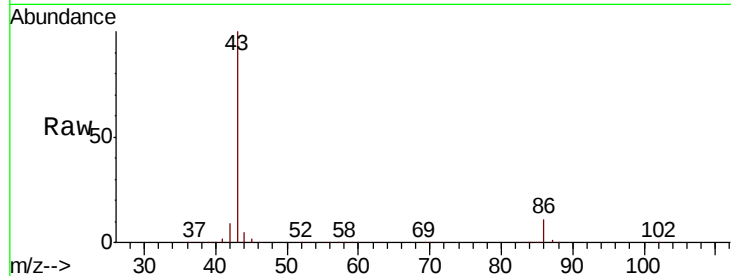
VSTDCCC050EC

Tot Ion: 43 Resp: 1334029

Ion Ratio Lower Upper

43 100

86 11.5 9.0 13.6



#24

1,1-Dichloroethane

Concen: 56.012 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX012980.D

Acq: 10 Oct 2019 06:52

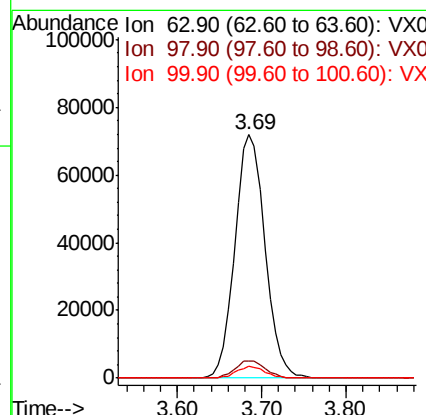
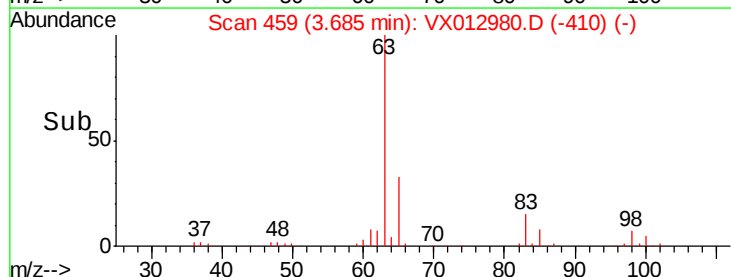
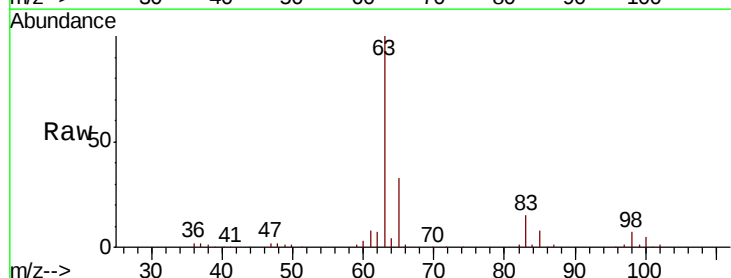
Tgt Ion: 63 Resp: 173565

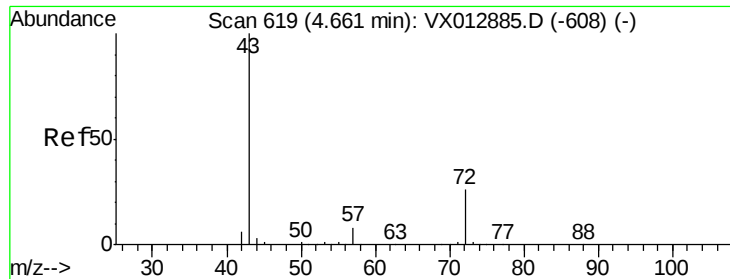
Ion Ratio Lower Upper

63 100

98 7.1 3.9 11.5

100 4.8 2.3 6.9





#25

2-Butanone

Concen: 265.365 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX012980.D

Acq: 10 Oct 2019 06:52

Instrument :

MSVOA_X

ClientSampleId :

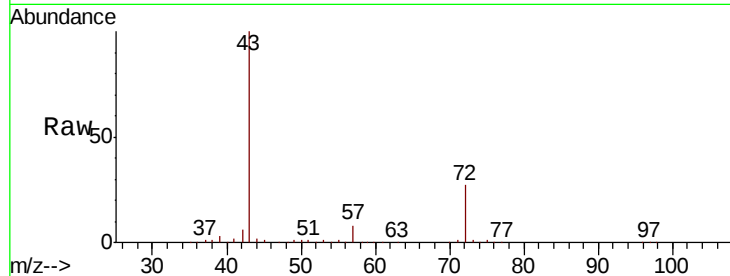
VSTDCCC050EC

Tot Ion: 43 Resp: 387405

Ion Ratio Lower Upper

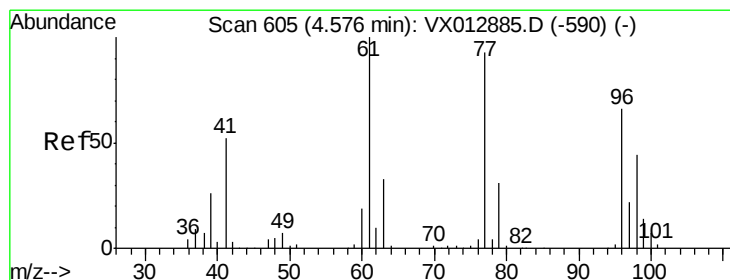
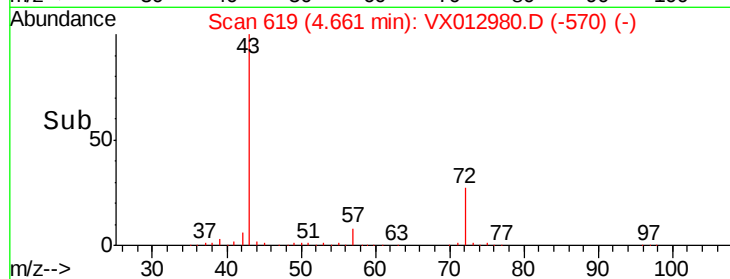
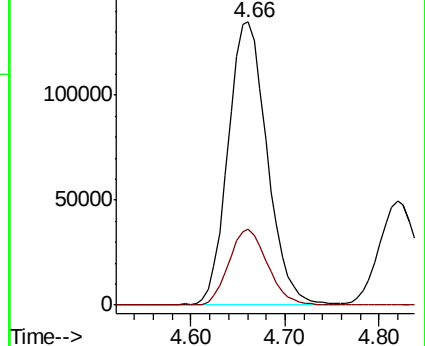
43 100

72 26.7 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 37.897 ug/l

RT: 4.58 min Scan# 605

Delta R.T. -0.00 min

Lab File: VX012980.D

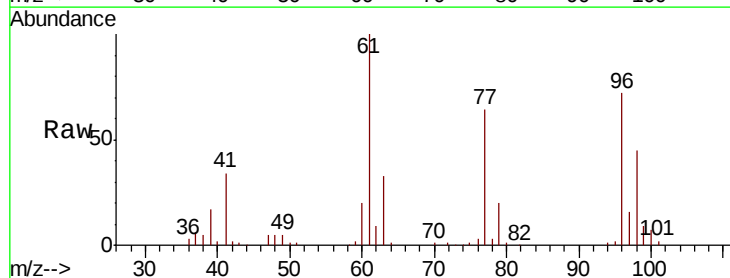
Acq: 10 Oct 2019 06:52

Tgt Ion: 77 Resp: 98748

Ion Ratio Lower Upper

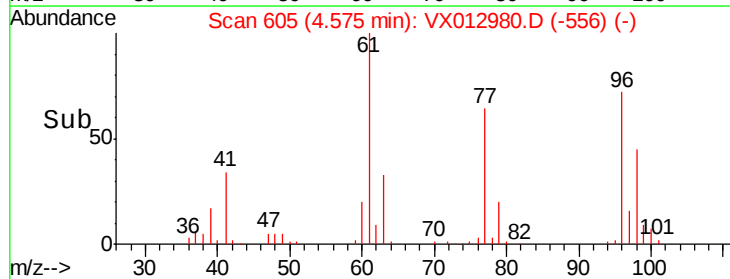
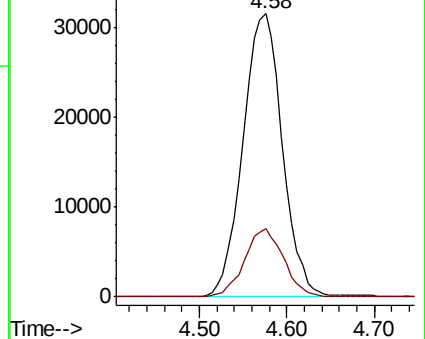
77 100

97 23.9 11.3 33.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



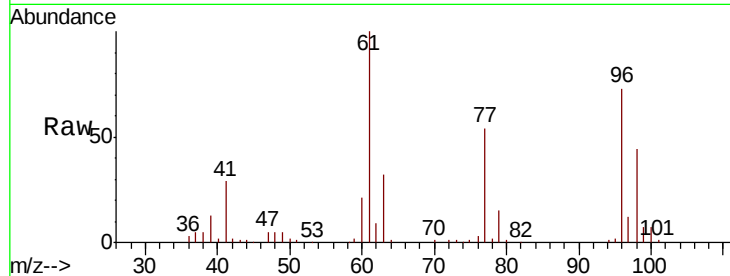


#27

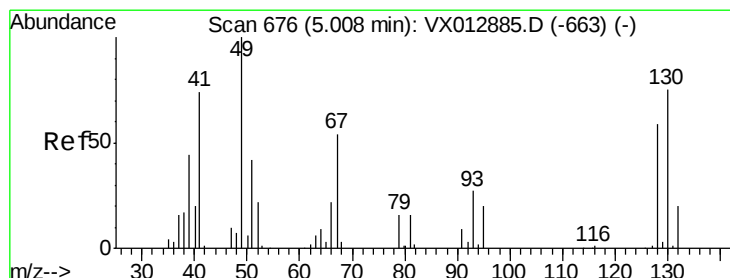
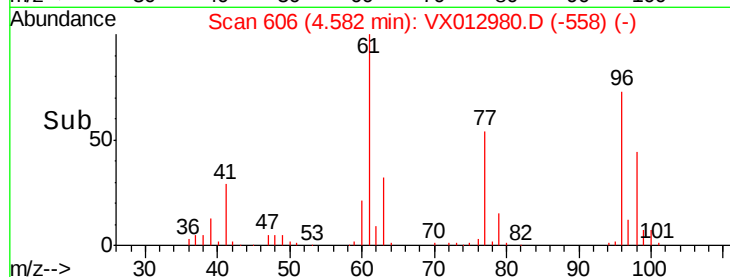
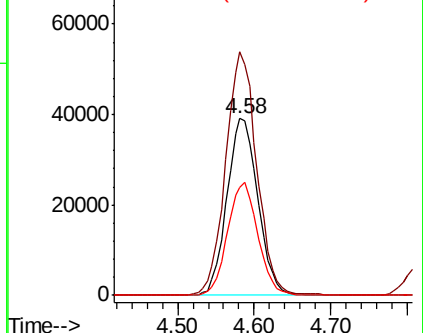
cis-1,2-Dichloroethene
 Concen: 54.806 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: VX012980.D
 Acq: 10 Oct 2019 06:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	138.6	0.0	290.6
98	62.6	0.0	128.8



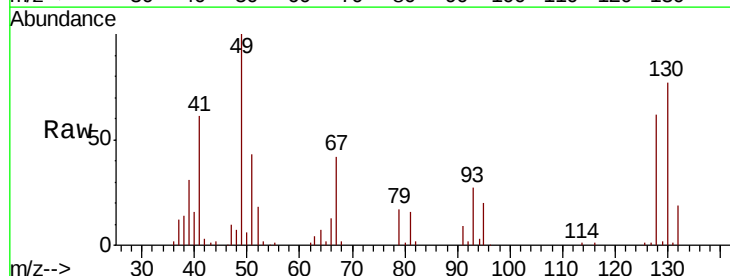
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



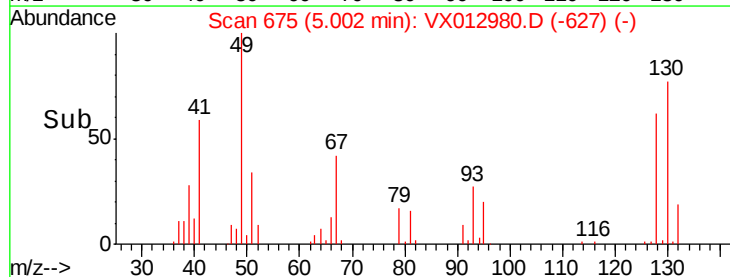
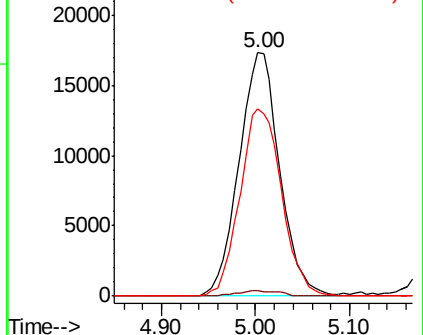
#28

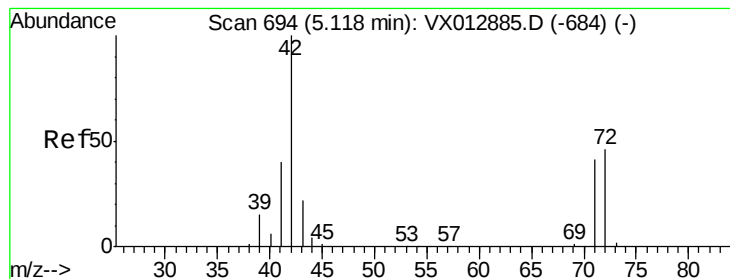
Bromochloromethane
 Concen: 56.533 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: VX012980.D
 Acq: 10 Oct 2019 06:52

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.2
130	78.8	62.1	93.1



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: 275.030 ug/l

RT: 5.12 min Scan# 694

Delta R.T. -0.00 min

Lab File: VX012980.D

Acq: 10 Oct 2019 06:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

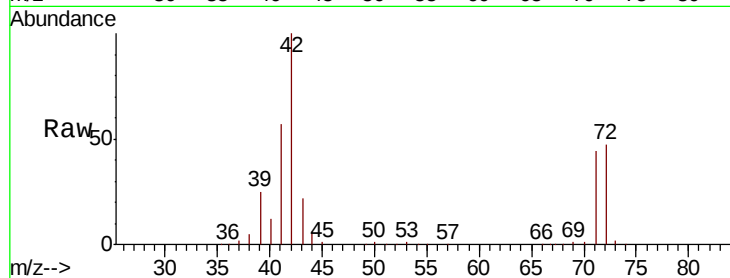
Tot Ion: 42 Resp: 247078

Ion Ratio Lower Upper

42 100

72 46.9 36.9 55.3

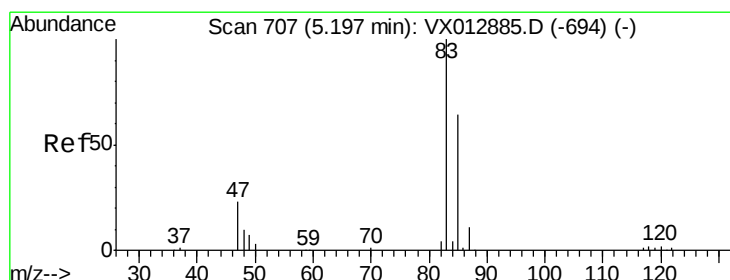
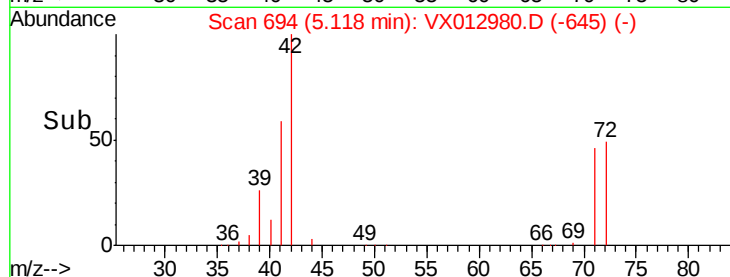
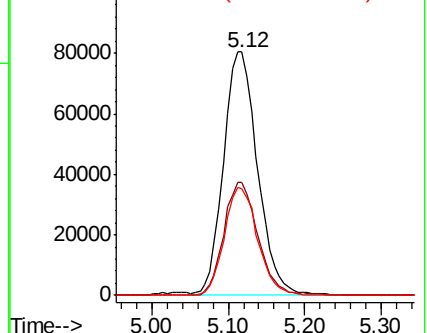
71 43.8 33.5 50.3



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 54.746 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.00 min

Lab File: VX012980.D

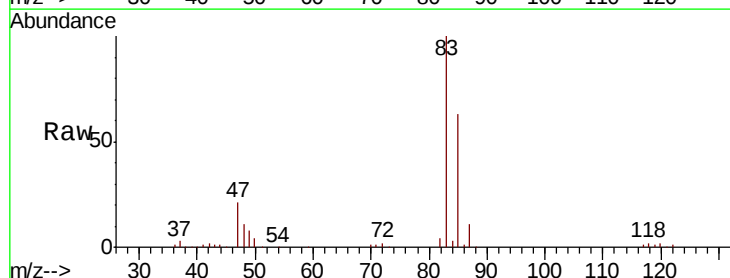
Acq: 10 Oct 2019 06:52

Tgt Ion: 83 Resp: 174066

Ion Ratio Lower Upper

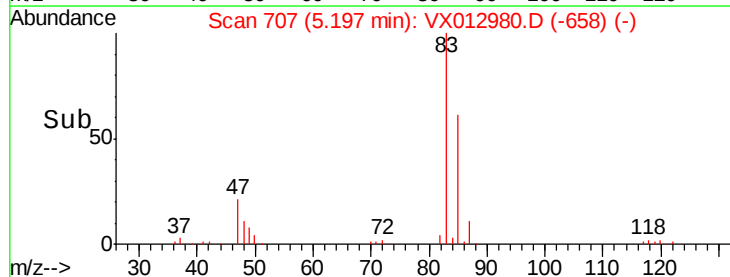
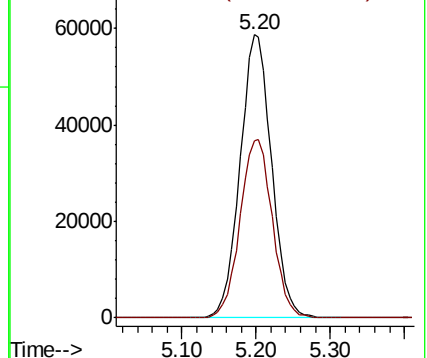
83 100

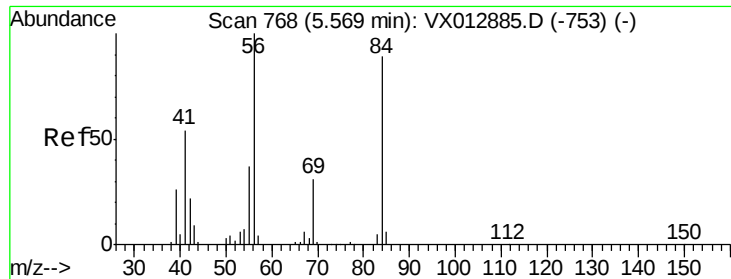
85 62.5 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

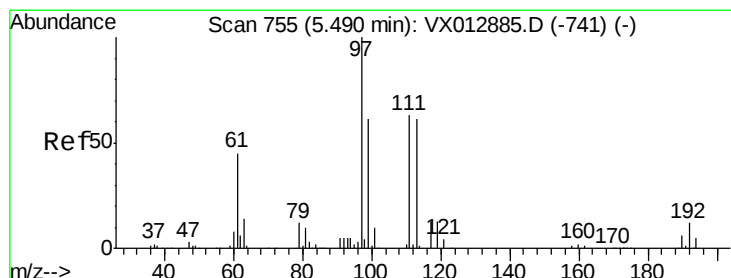
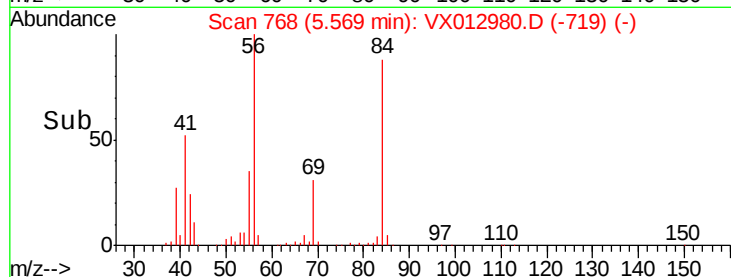
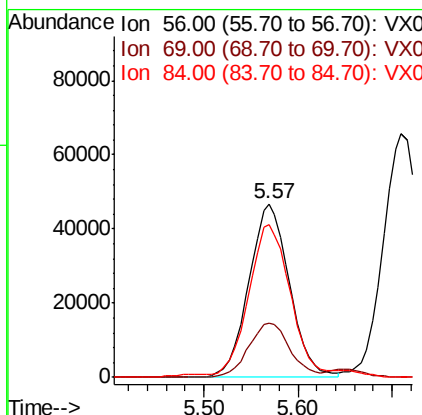
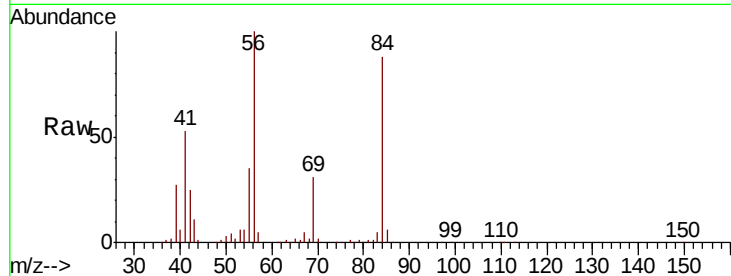




#31
Cyclohexane
Concen: 48.816 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX012980.D
Acq: 10 Oct 2019 06:52

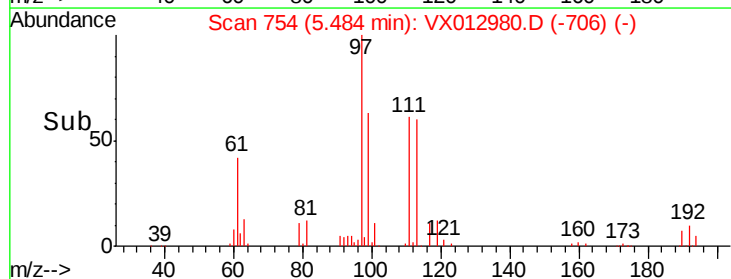
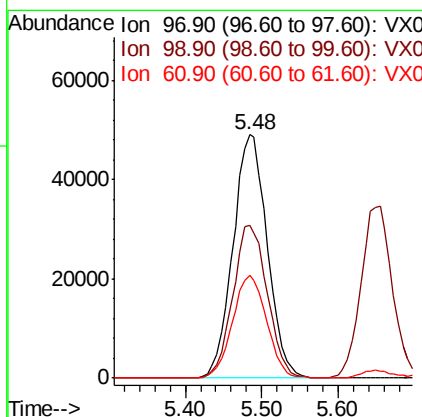
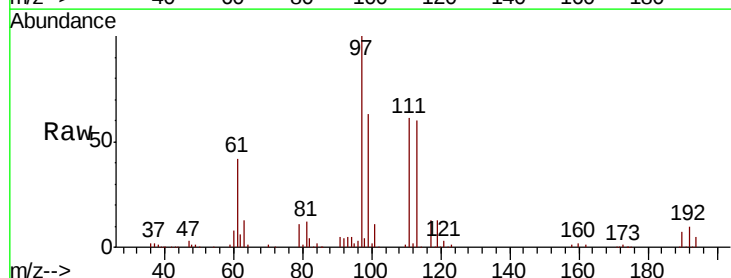
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

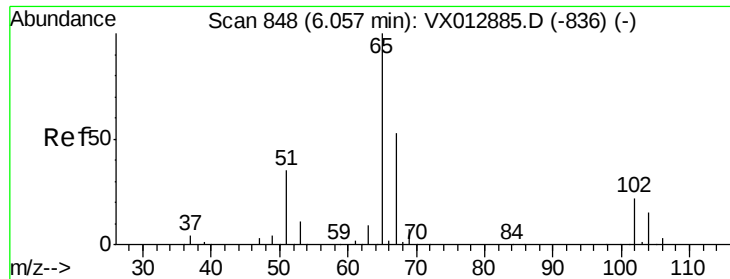
Tot Ion: 56 Resp: 141444
Ion Ratio Lower Upper
56 100
69 31.4 25.2 37.8
84 86.7 71.3 106.9



#32
1,1,1-Trichloroethane
Concen: 56.451 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX012980.D
Acq: 10 Oct 2019 06:52

Tgt Ion: 97 Resp: 152082
Ion Ratio Lower Upper
97 100
99 63.2 52.3 78.5
61 42.2 35.0 52.4

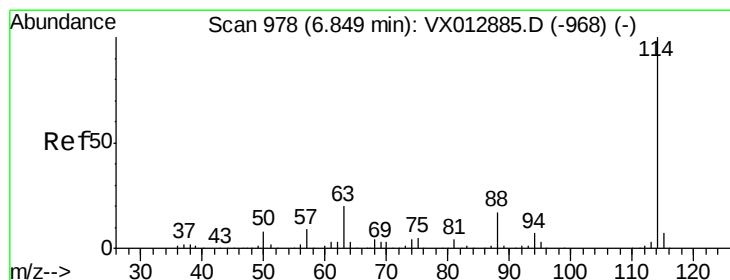
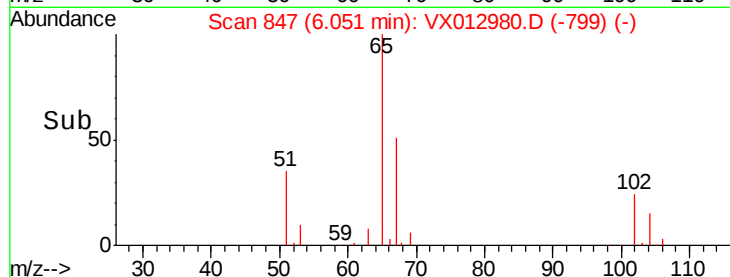
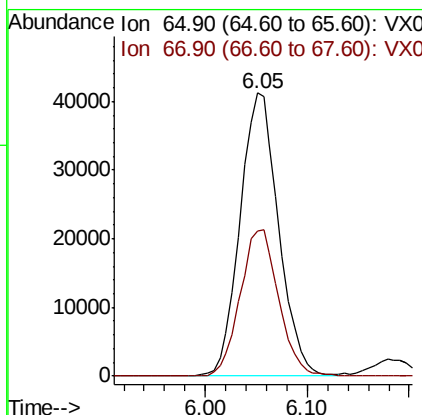
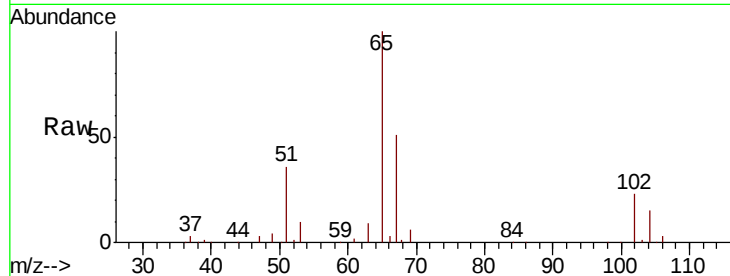




#33
 1,2-Dichloroethane-d4
 Concen: 54.182 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX012980.D
 Acq: 10 Oct 2019 06:52

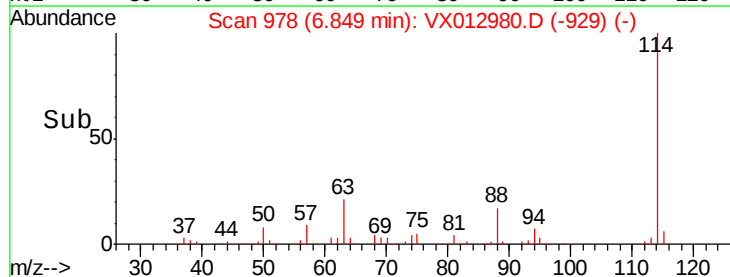
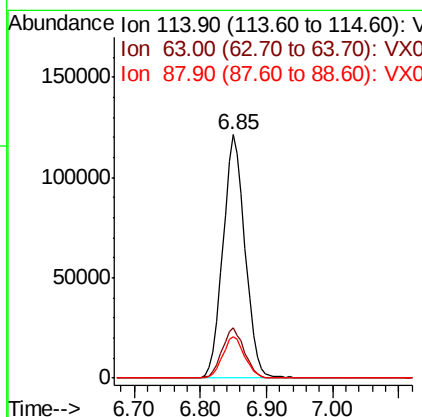
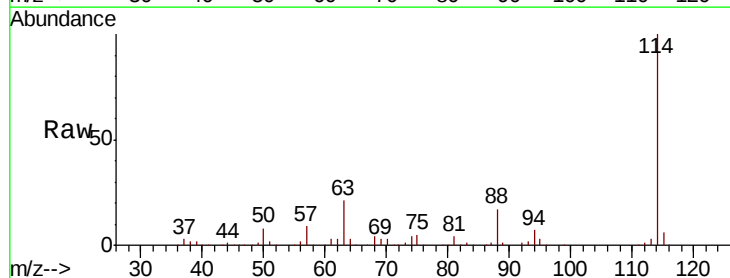
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

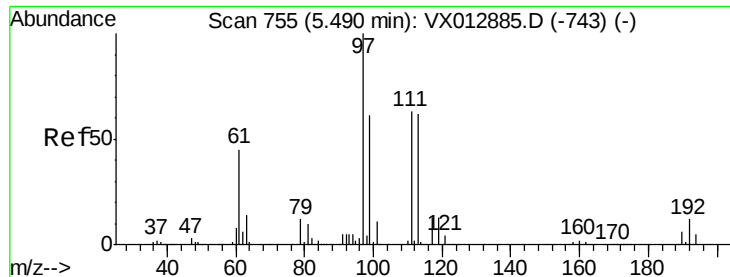
Tot Ion: 65 Resp: 108167
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012980.D
 Acq: 10 Oct 2019 06:52

Tgt Ion: 114 Resp: 281594
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 40.8
 88 17.2 0.0 33.8





#35

Dibromofluoromethane

Concen: 52.335 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX012980.D

Acq: 10 Oct 2019 06:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

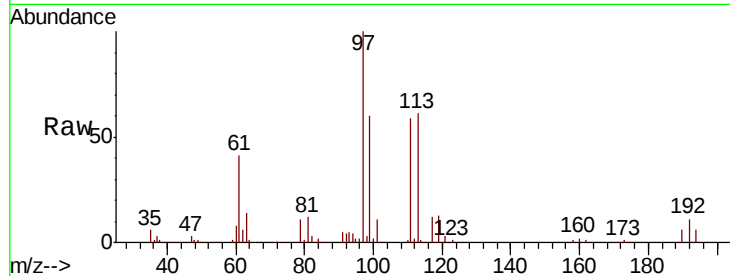
Tot Ion:113 Resp: 84584

Ion Ratio Lower Upper

113 100

111 101.7 83.2 124.8

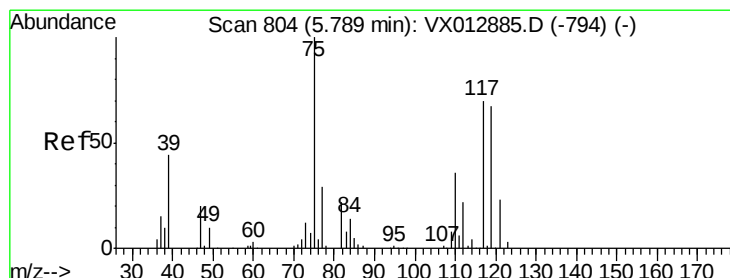
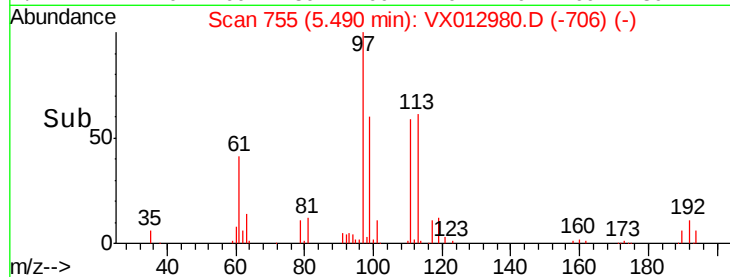
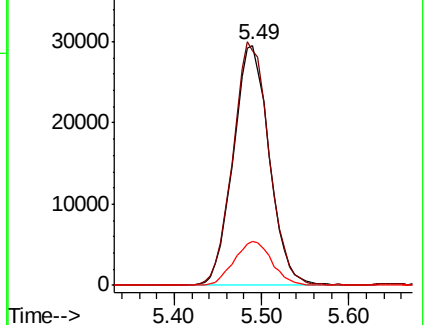
192 19.1 15.4 23.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 50.156 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX012980.D

Acq: 10 Oct 2019 06:52

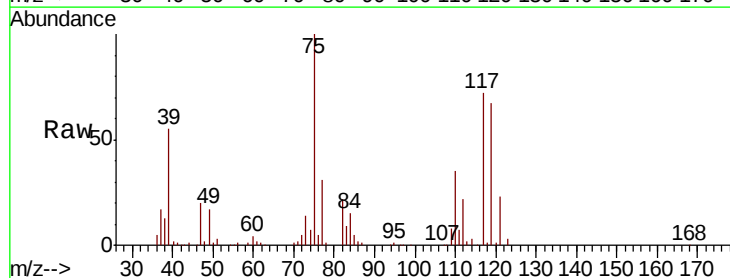
Tgt Ion: 75 Resp: 124177

Ion Ratio Lower Upper

75 100

110 35.6 17.6 52.9

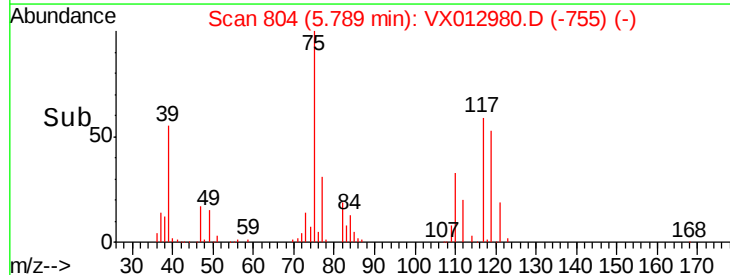
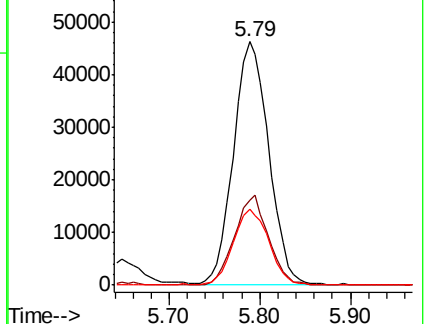
77 31.8 24.4 36.6

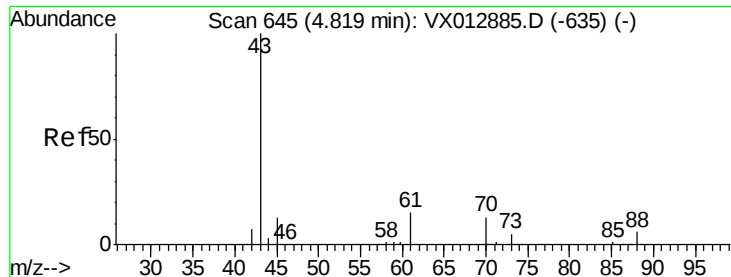


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

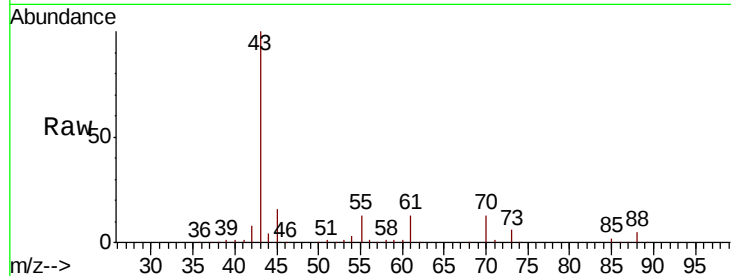




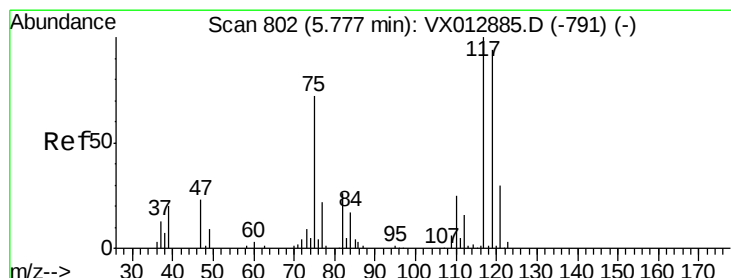
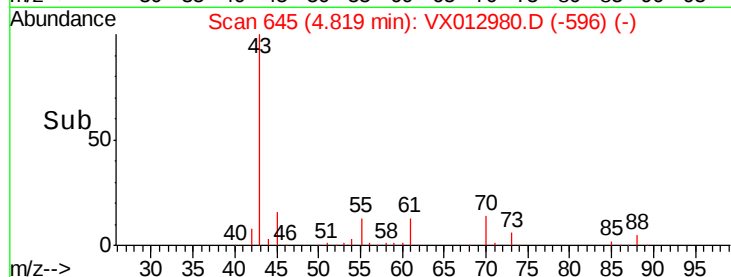
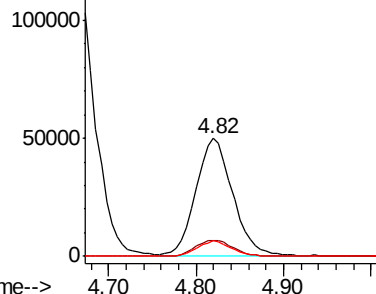
#37
Ethyl Acetate
Concen: 51.986 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX012980.D
Acq: 10 Oct 2019 06:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 143919
Ion Ratio Lower Upper
43 100
61 14.5 11.4 17.0
70 12.5 9.8 14.6

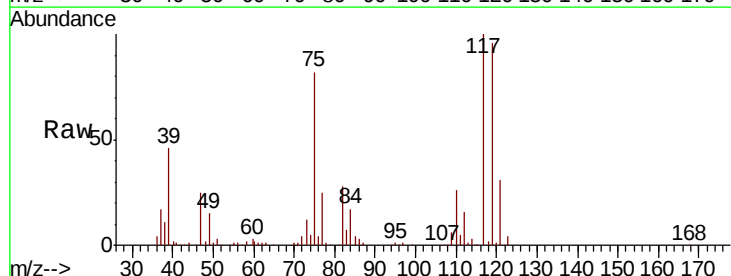


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

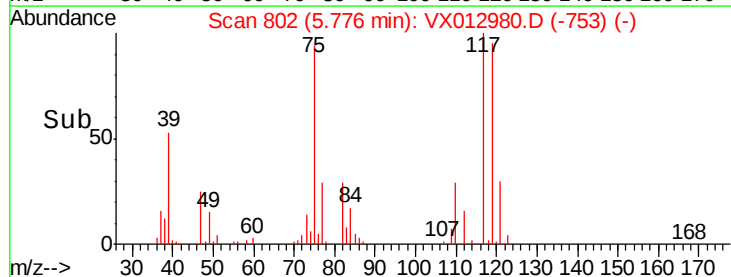
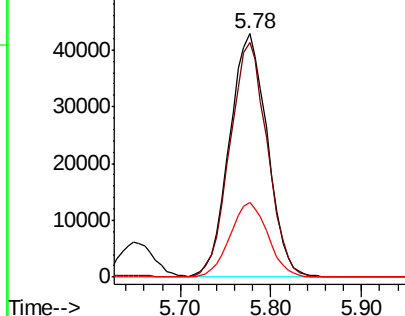


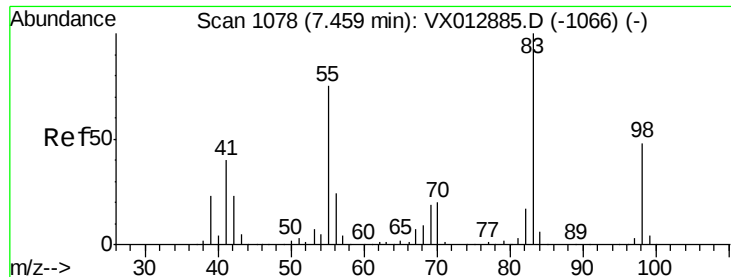
#38
Carbon Tetrachloride
Concen: 51.596 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX012980.D
Acq: 10 Oct 2019 06:52

Tgt Ion: 117 Resp: 124335
Ion Ratio Lower Upper
117 100
119 96.2 74.5 111.7
121 30.6 24.2 36.4



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

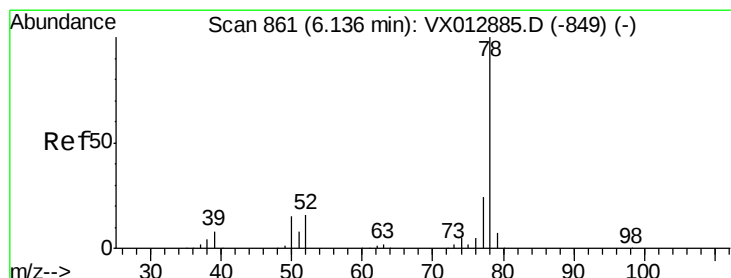
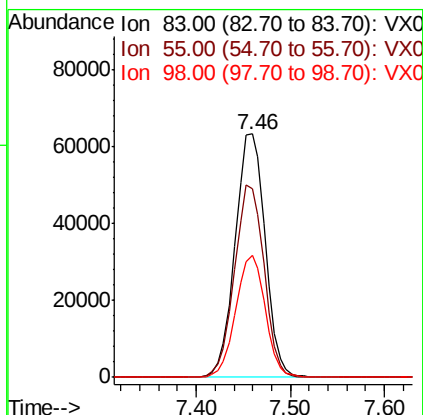
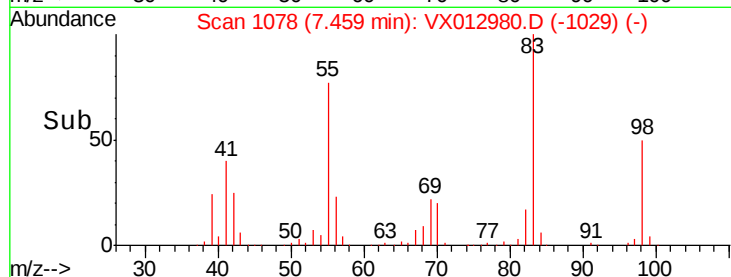
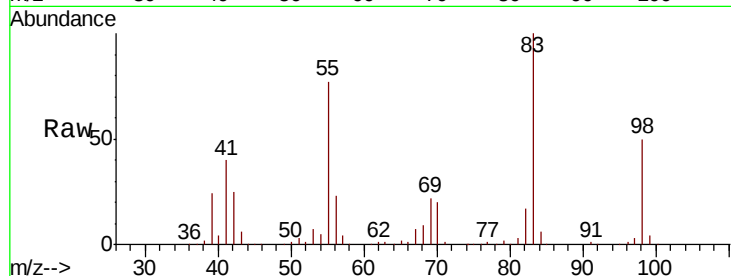




#39
Methvlcvclohexane
Concen: 46.947 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX012980.D
Acq: 10 Oct 2019 06:52

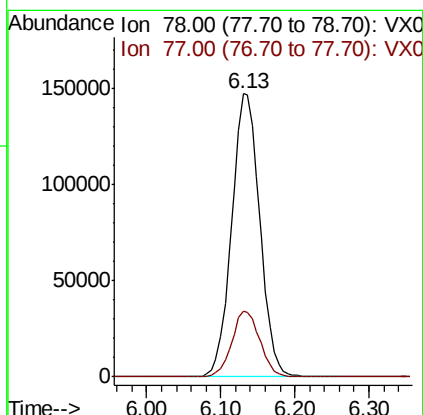
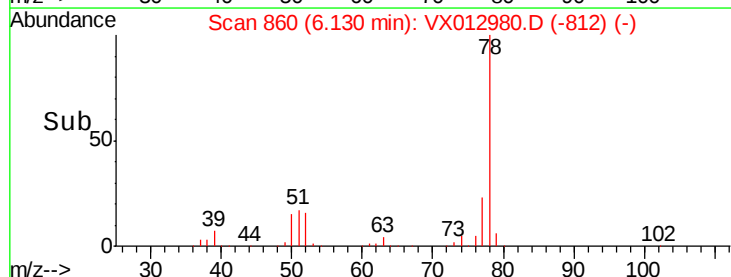
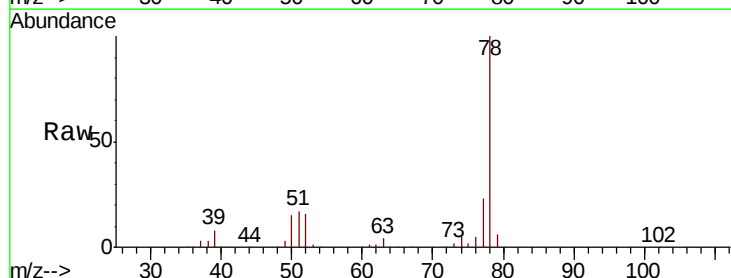
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

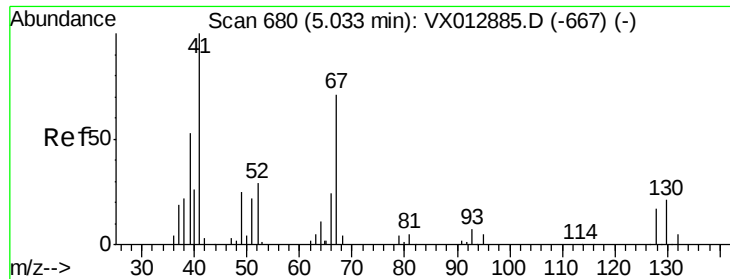
Tot Ion: 83 Resp: 140956
Ion Ratio Lower Upper
83 100
55 77.4 60.2 90.4
98 50.0 38.5 57.7



#40
Benzene
Concen: 53.286 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX012980.D
Acq: 10 Oct 2019 06:52

Tgt Ion: 78 Resp: 389646
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.4





#41

Methacrylonitrile

Concen: 53.282 ug/l

RT: 5.03 min Scan# 680

Delta R.T. -0.00 min

Lab File: VX012980.D

Acq: 10 Oct 2019 06:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 41 Resp: 81053

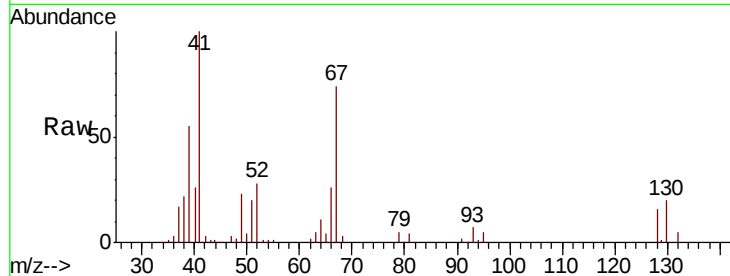
Ion Ratio Lower Upper

41 100

39 54.1 44.0 66.0

67 72.7 58.5 87.7

52 29.3 23.8 35.8

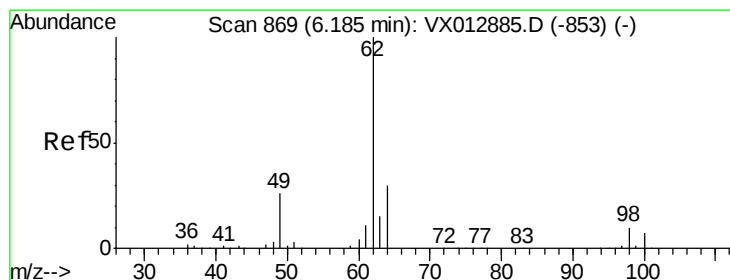
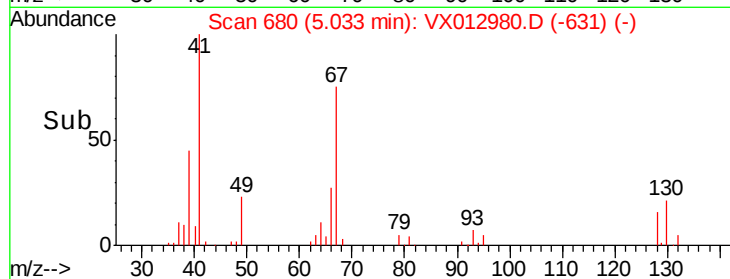
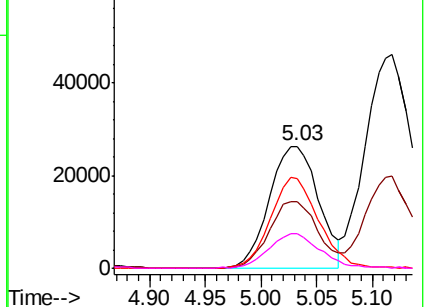


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 53.854 ug/l

RT: 6.18 min Scan# 869

Delta R.T. -0.00 min

Lab File: VX012980.D

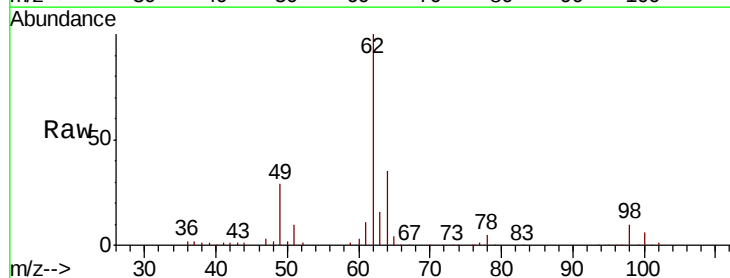
Acq: 10 Oct 2019 06:52

Tgt Ion: 62 Resp: 141305

Ion Ratio Lower Upper

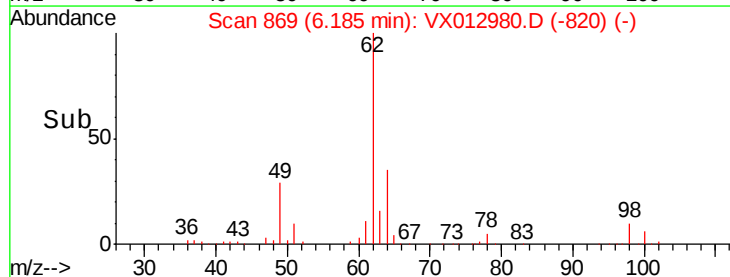
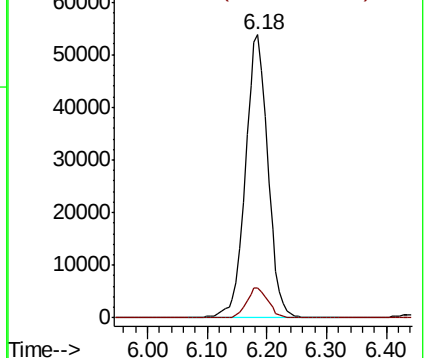
62 100

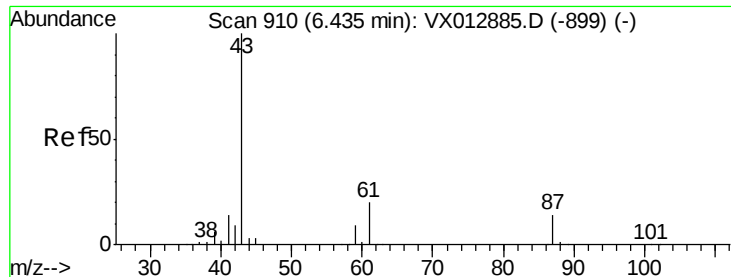
98 10.2 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 54.498 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX012980.D

Acq: 10 Oct 2019 06:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

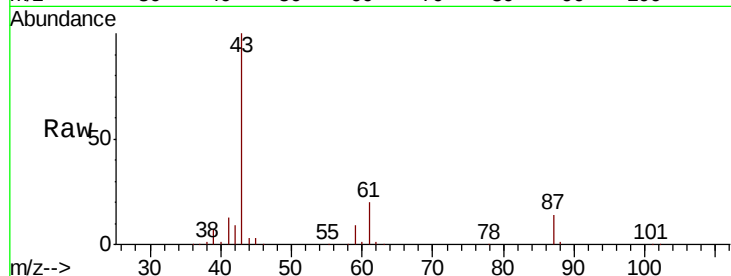
Tot Ion: 43 Resp: 242154

Ion Ratio Lower Upper

43 100

61 20.5 16.6 24.8

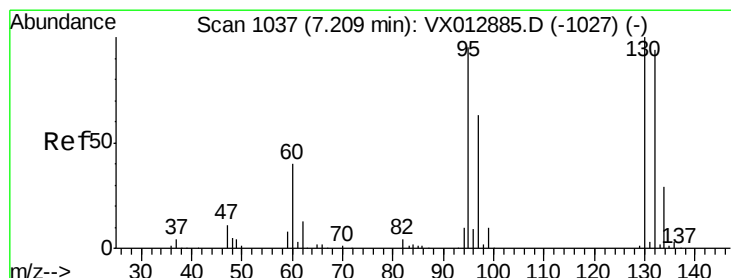
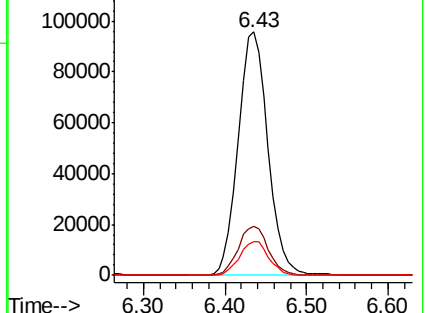
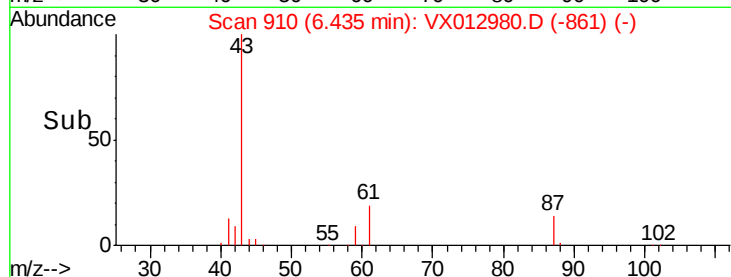
87 13.9 11.0 16.6



Abundance Ion 43.00 (42.70 to 43.70): VX012980.D (-861) (-)

Ion 61.00 (60.70 to 61.70): VX012980.D (-861) (-)

Ion 87.00 (86.70 to 87.70): VX012980.D (-861) (-)



#44

Trichloroethene

Concen: 50.014 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VX012980.D

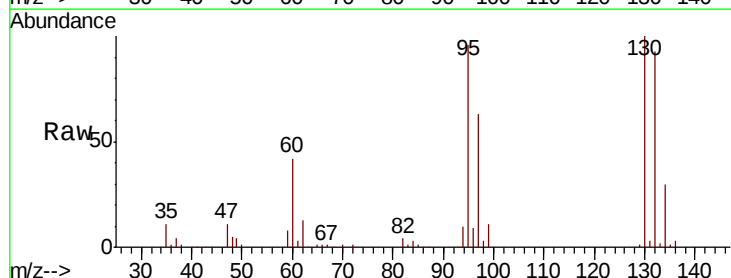
Acq: 10 Oct 2019 06:52

Tgt Ion:130 Resp: 101414

Ion Ratio Lower Upper

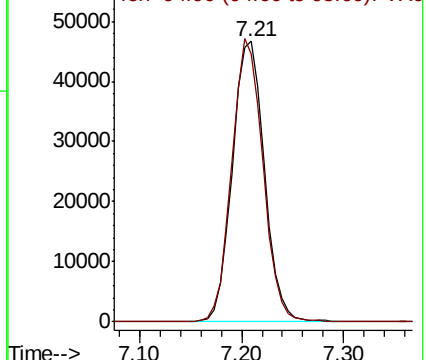
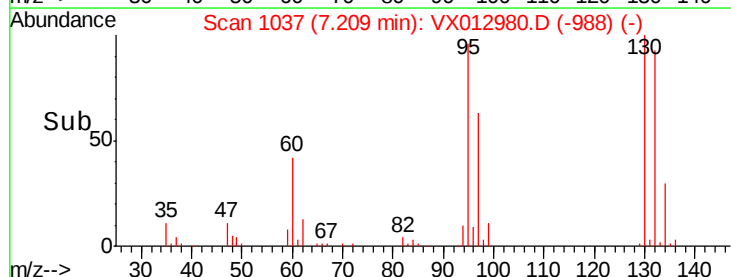
130 100

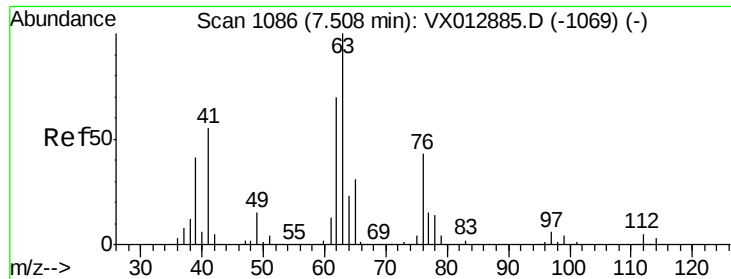
95 95.8 0.0 189.2



Abundance Ion 129.80 (129.50 to 130.50): VX012980.D (-988) (-)

Ion 94.90 (94.60 to 95.60): VX012980.D (-988) (-)

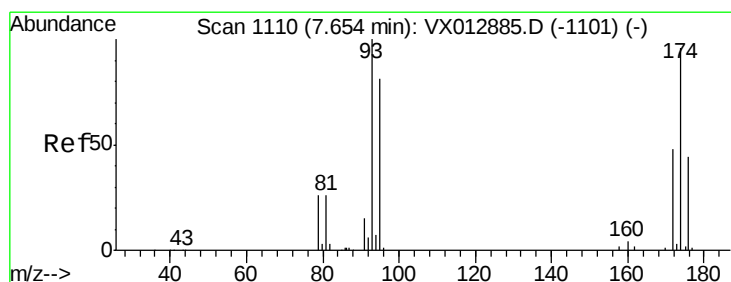
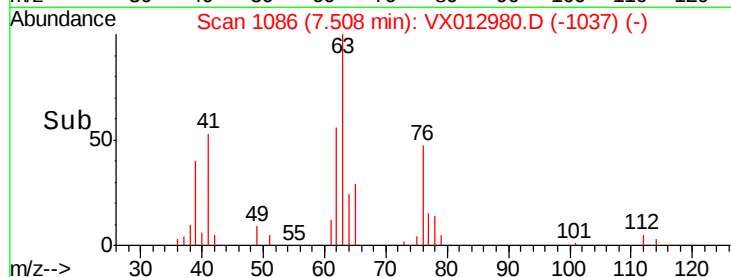
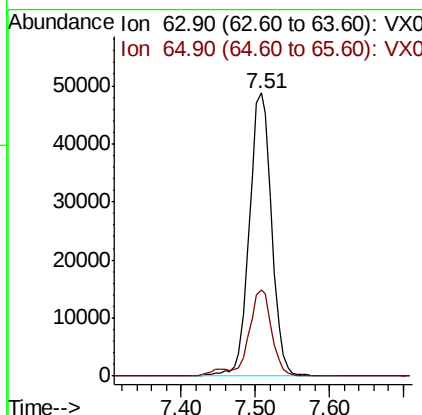
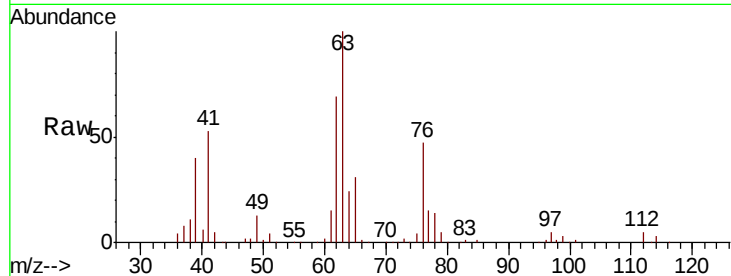




#45
 1,2-Dichloropropane
 Concen: 54.932 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX012980.D
 Acq: 10 Oct 2019 06:52

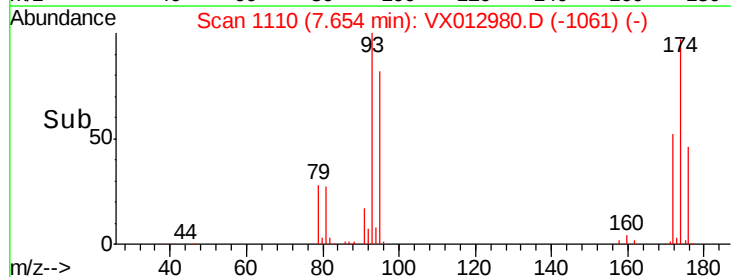
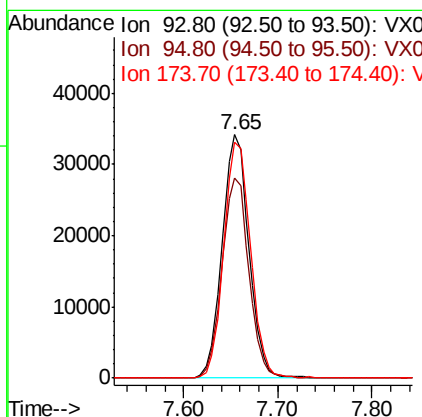
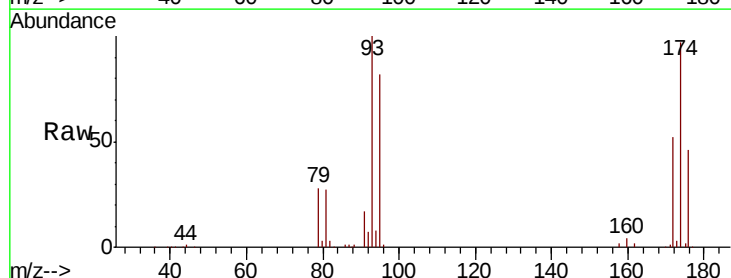
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 102374
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.6 37.0



#46
 Dibromomethane
 Concen: 54.120 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX012980.D
 Acq: 10 Oct 2019 06:52

Tgt Ion: 93 Resp: 67199
 Ion Ratio Lower Upper
 93 100
 95 83.2 66.3 99.5
 174 97.4 77.8 116.6





#47

Bromodichloromethane

Concen: 55.139 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX012980.D

Acq: 10 Oct 2019 06:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

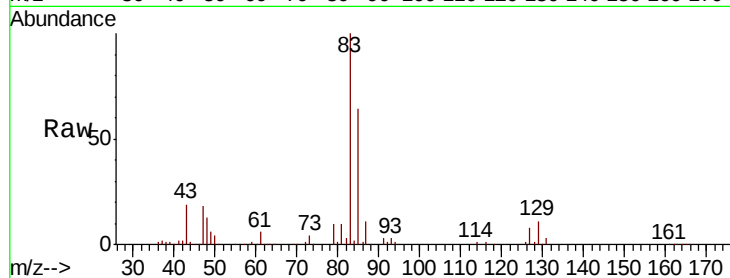
Tot Ion: 83 Resp: 133610

Ion Ratio Lower Upper

83 100

85 64.1 52.4 78.6

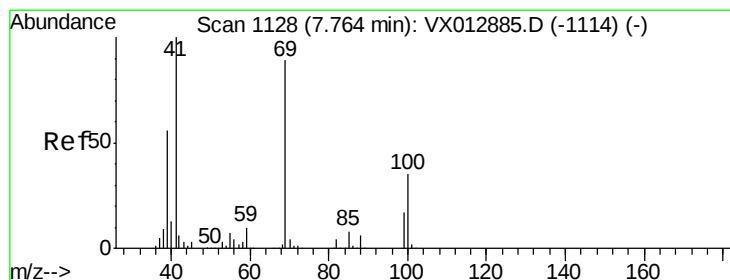
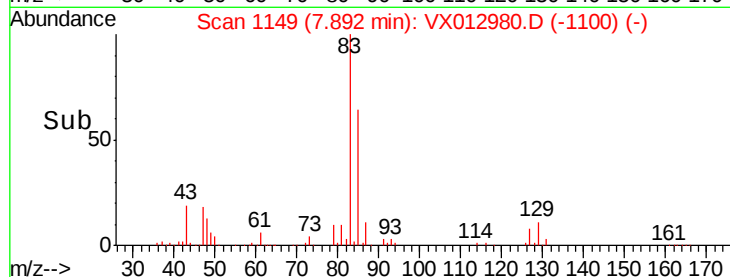
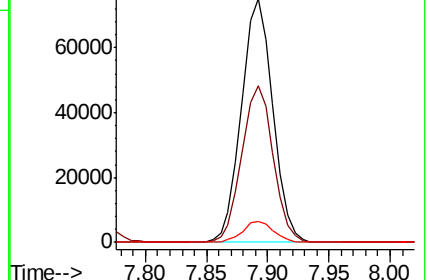
127 8.4 6.6 10.0



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): VX0



#48

Methyl methacrylate

Concen: 53.846 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX012980.D

Acq: 10 Oct 2019 06:52

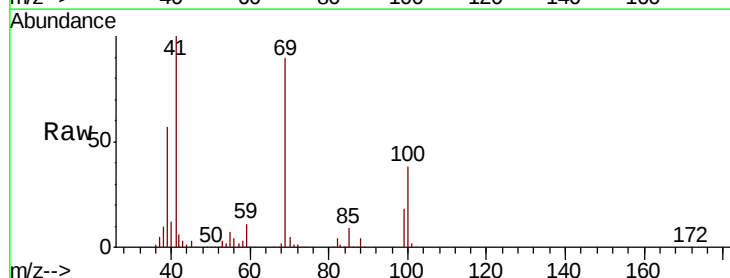
Tgt Ion: 41 Resp: 116594

Ion Ratio Lower Upper

41 100

69 86.4 68.7 103.1

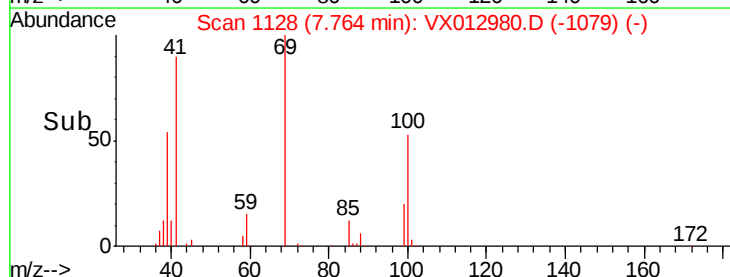
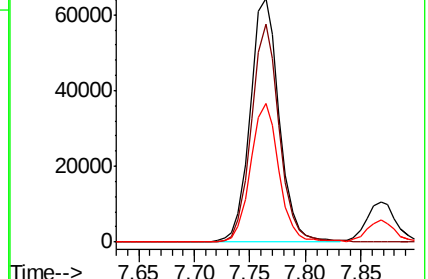
39 55.8 44.3 66.5

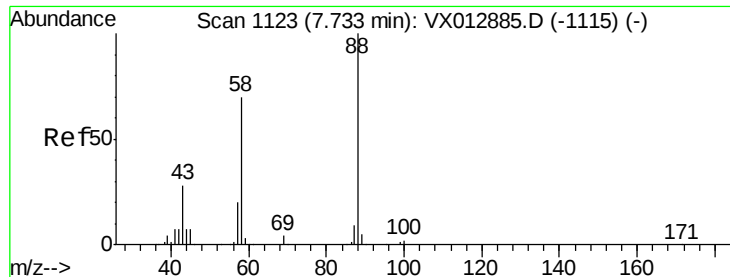


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

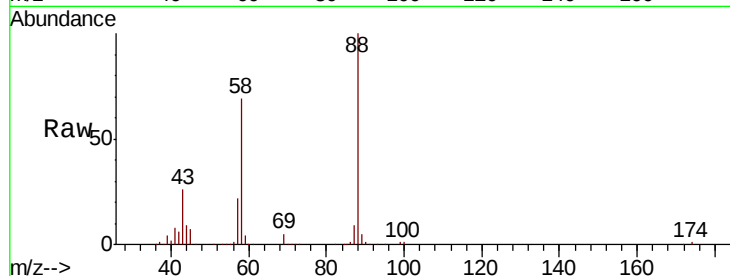




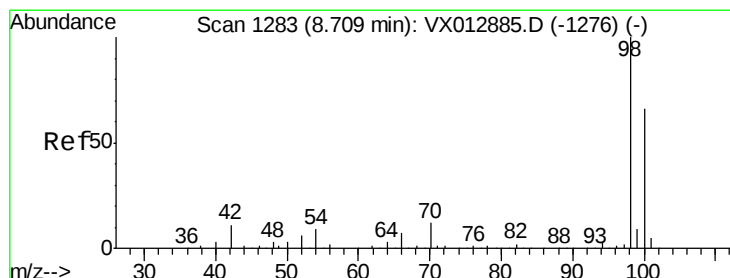
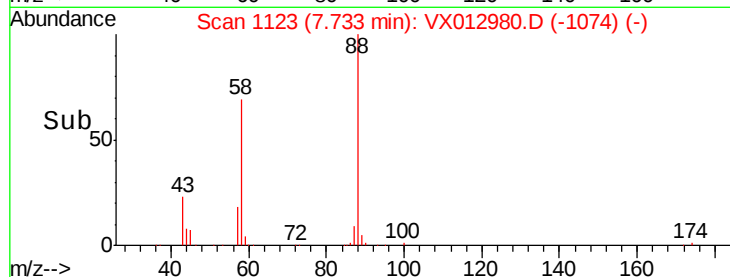
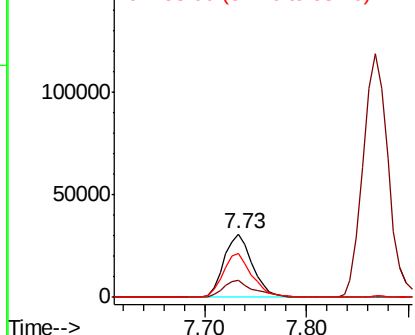
#49
1,4-Dioxane
Concen: 1025.949 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX012980.D
Acq: 10 Oct 2019 06:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 59670
Ion Ratio Lower Upper
88 100
43 30.7 25.0 37.6
58 70.7 55.4 83.2

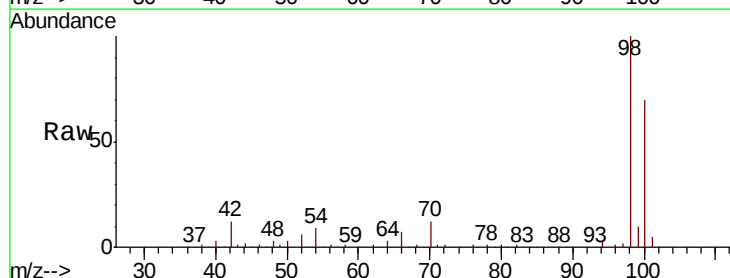


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

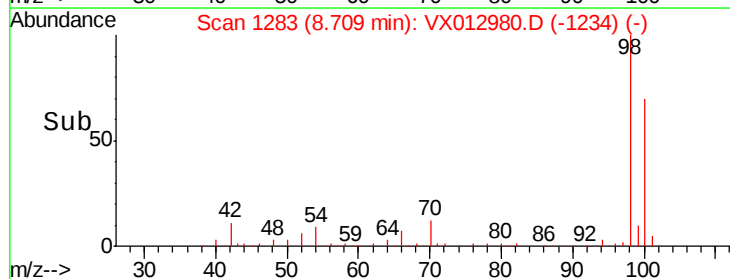
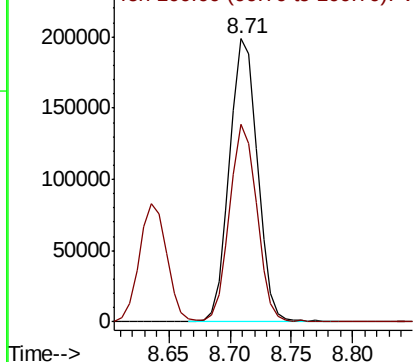


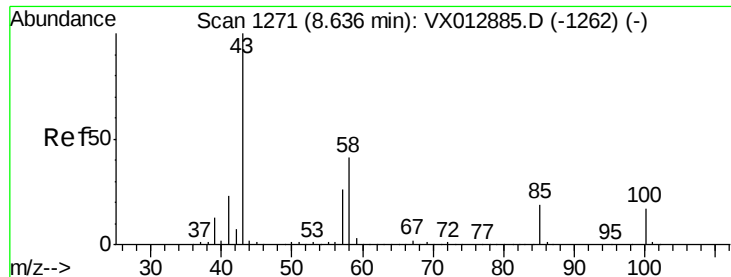
#50
Toluene-d8
Concen: 50.048 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012980.D
Acq: 10 Oct 2019 06:52

Tgt Ion: 98 Resp: 315479
Ion Ratio Lower Upper
98 100
100 68.2 53.4 80.2



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





#51

4-Methyl-2-Pentanone

Concen: 273.221 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012980.D

Acq: 10 Oct 2019 06:52

Instrument :

MSVOA_X

ClientSampleId :

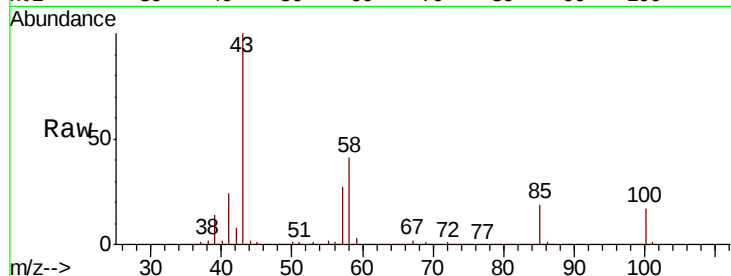
VSTDCCC050EC

Tot Ion: 43 Resp: 756917

Ion Ratio Lower Upper

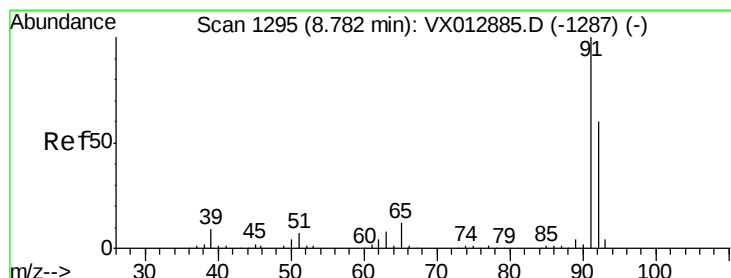
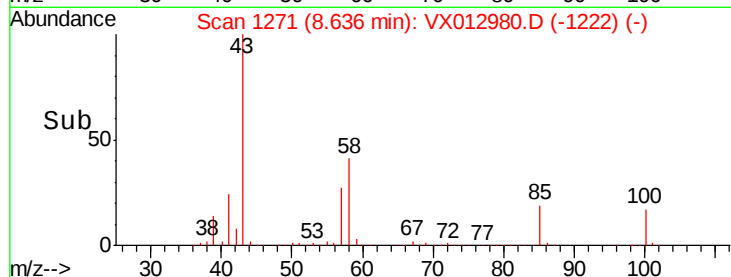
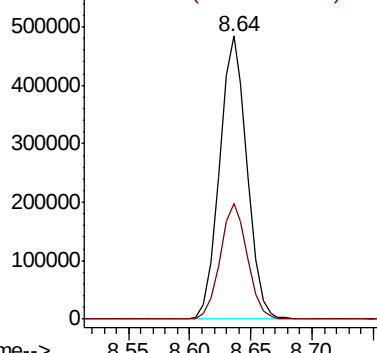
43 100

58 40.3 32.4 48.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 52.723 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX012980.D

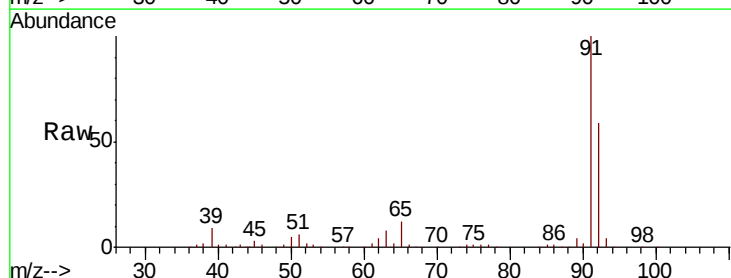
Acq: 10 Oct 2019 06:52

Tgt Ion: 92 Resp: 246644

Ion Ratio Lower Upper

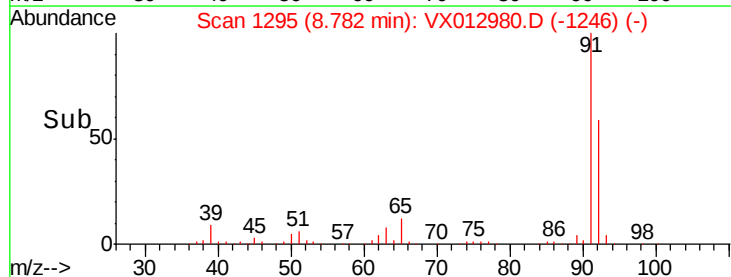
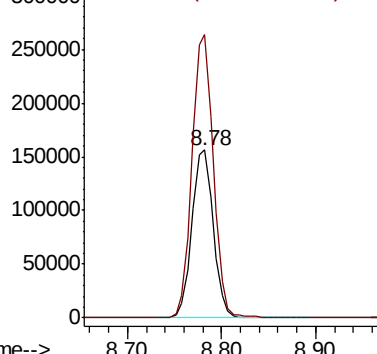
92 100

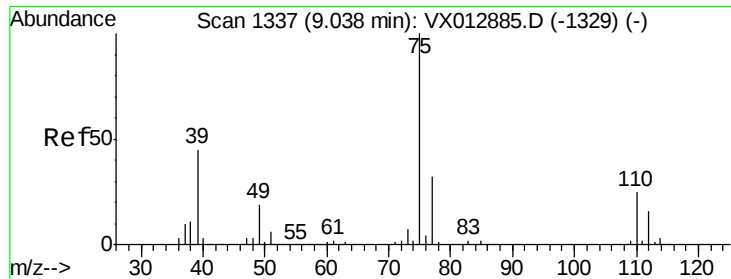
91 167.7 135.9 203.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

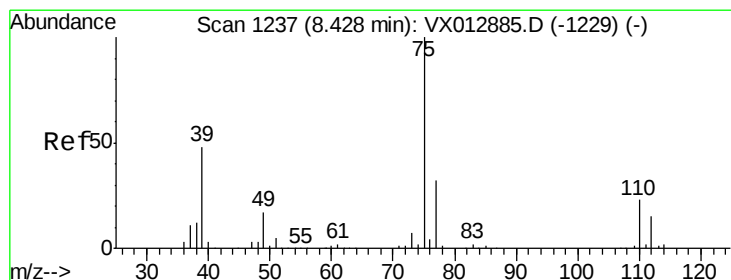
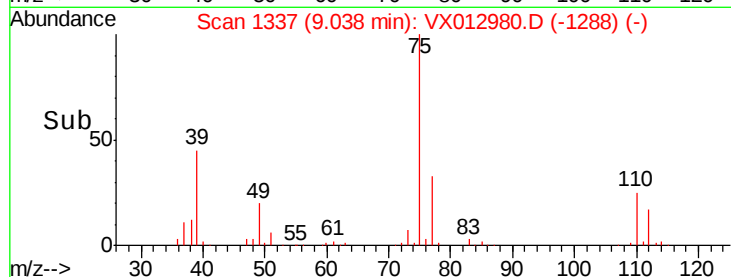
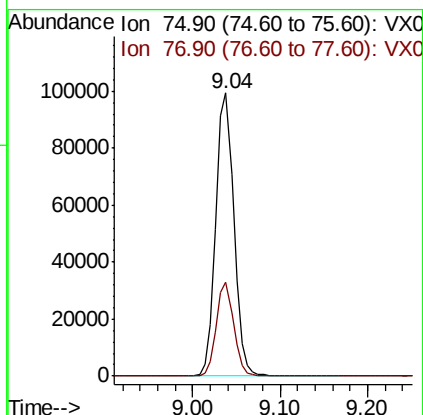
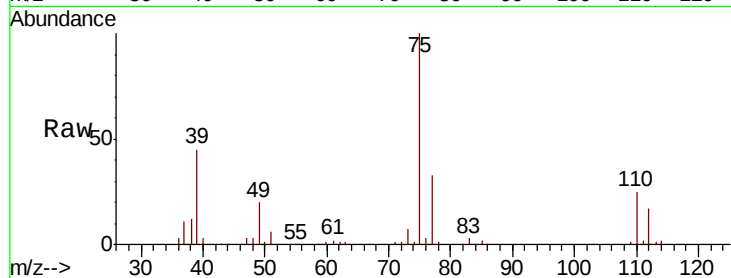




#53
 t-1,3-Dichloropropene
 Concen: 47.161 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VX012980.D
 Acq: 10 Oct 2019 06:52

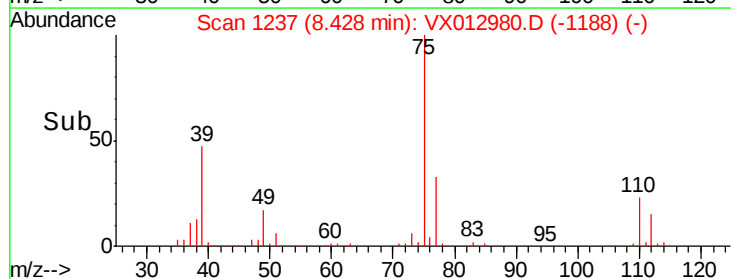
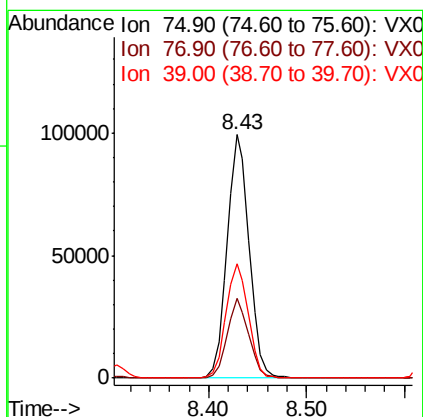
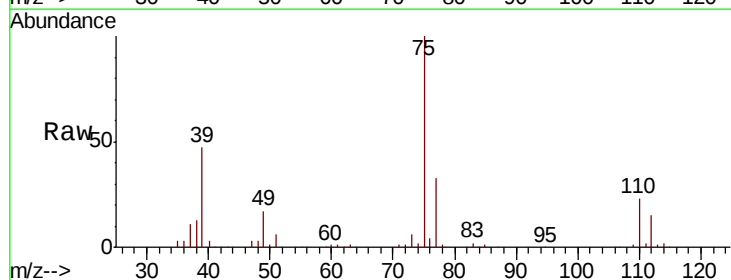
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

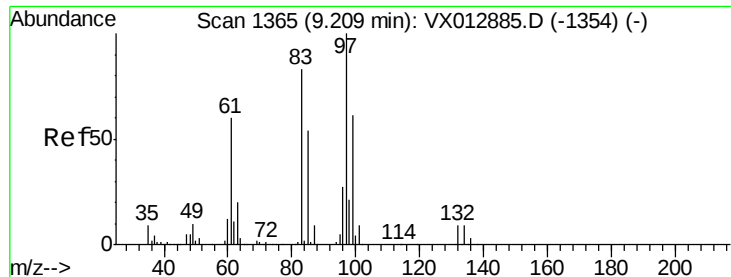
Tot Ion: 75 Resp: 142226
 Ion Ratio Lower Upper
 75 100
 77 33.2 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 51.935 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX012980.D
 Acq: 10 Oct 2019 06:52

Tgt Ion: 75 Resp: 154781
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.8 38.8
 39 47.0 38.2 57.2

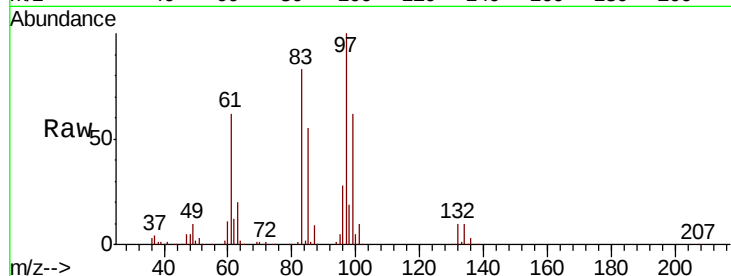




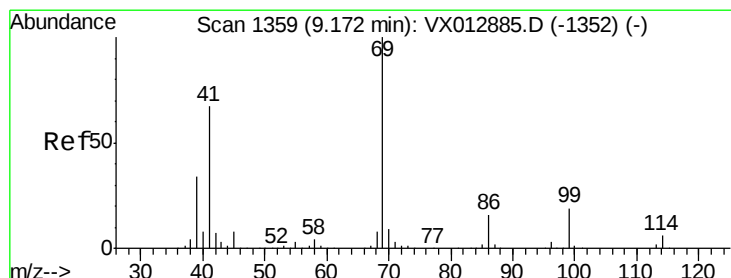
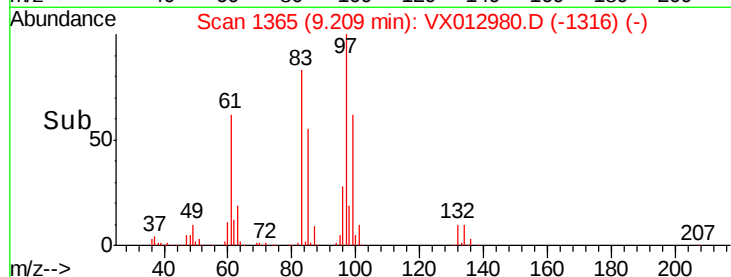
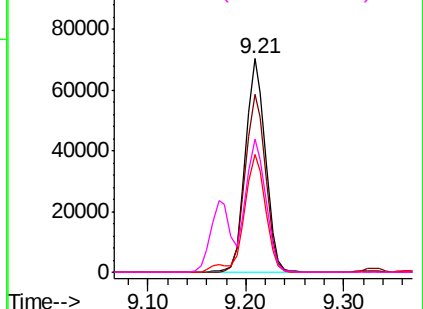
#55
 1,1,2-Trichloroethane
 Concen: 54.176 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012980.D
 Acq: 10 Oct 2019 06:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	100297
Ion	Ratio	Lower	Upper
97	100		
83	83.2	66.5	99.7
85	55.4	43.1	64.7
99	62.2	49.2	73.8

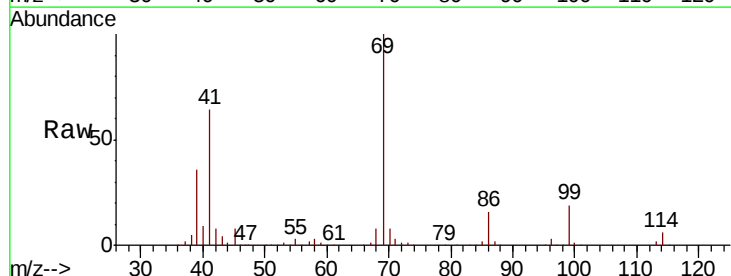


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

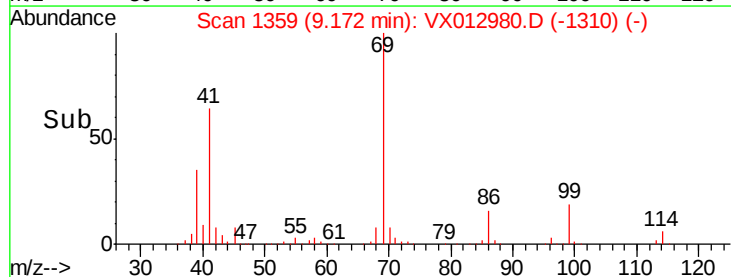
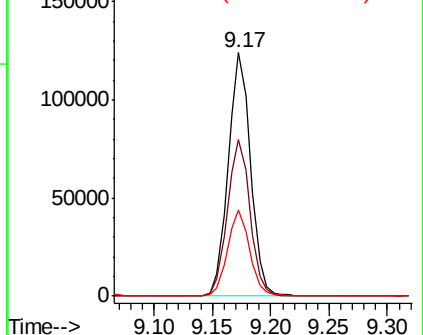


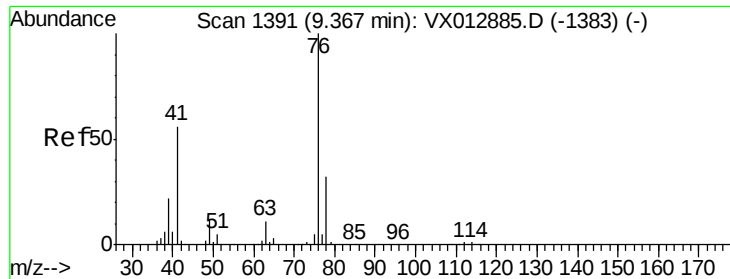
#56
 Ethyl methacrylate
 Concen: 50.052 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012980.D
 Acq: 10 Oct 2019 06:52

Tgt Ion:	69	Resp:	165935
Ion	Ratio	Lower	Upper
69	100		
41	65.4	52.1	78.1
39	35.1	27.8	41.8



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





#57

1,3-Dichloropropane

Concen: 54.164 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX012980.D

Acq: 10 Oct 2019 06:52

Instrument :

MSVOA_X

ClientSampleId :

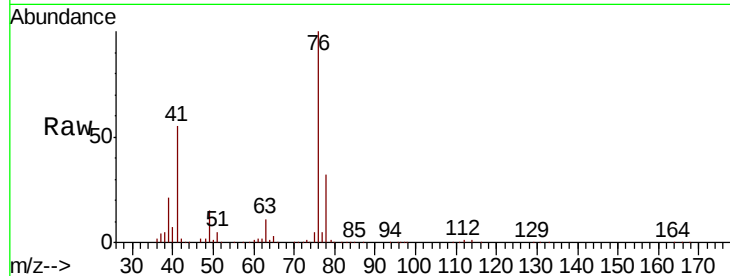
VSTDCCC050EC

Tot Ion: 76 Resp: 173456

Ion Ratio Lower Upper

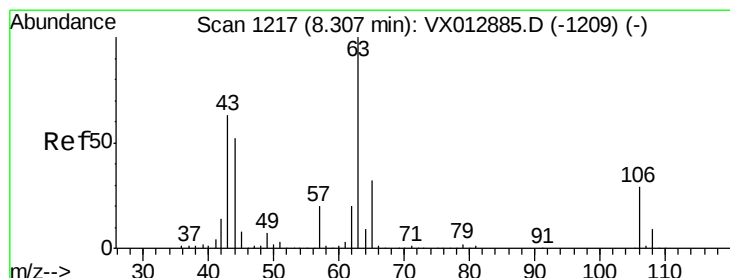
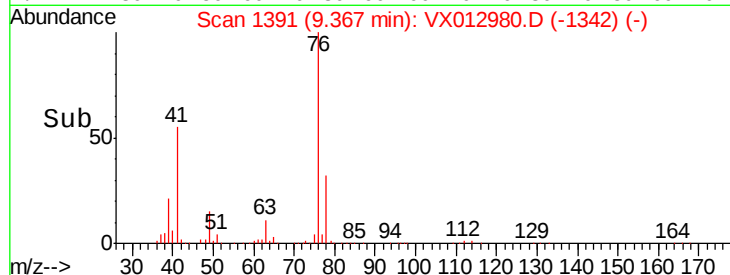
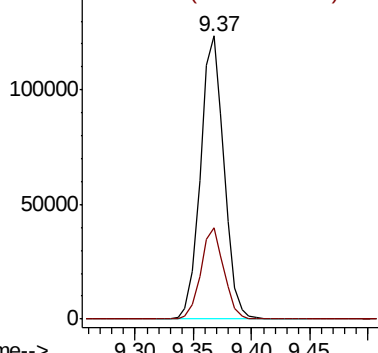
76 100

78 31.7 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 270.479 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX012980.D

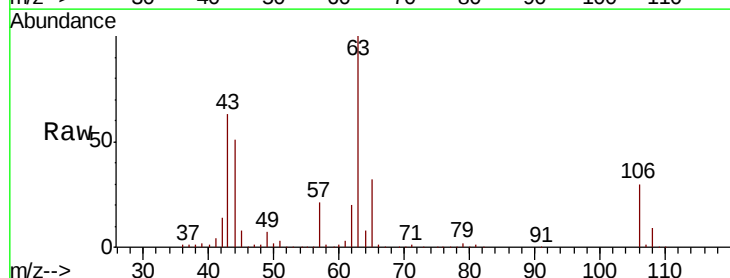
Acq: 10 Oct 2019 06:52

Tgt Ion: 63 Resp: 367857

Ion Ratio Lower Upper

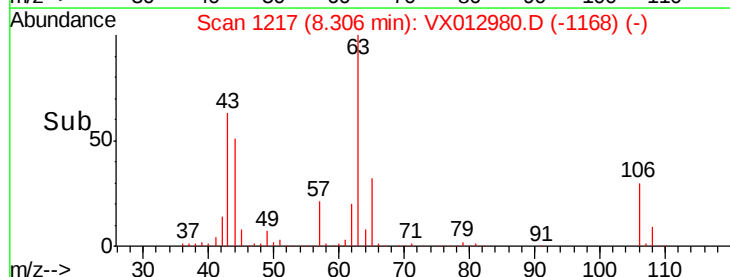
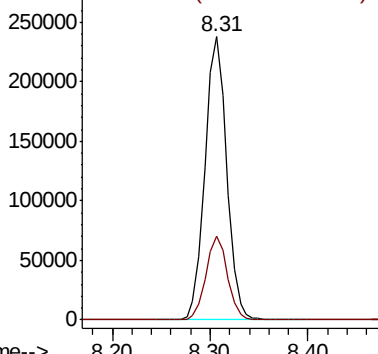
63 100

106 29.3 23.8 35.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

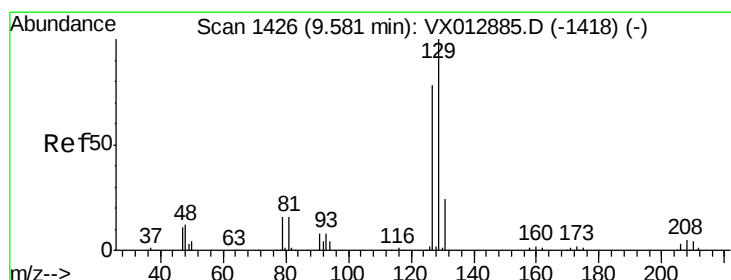
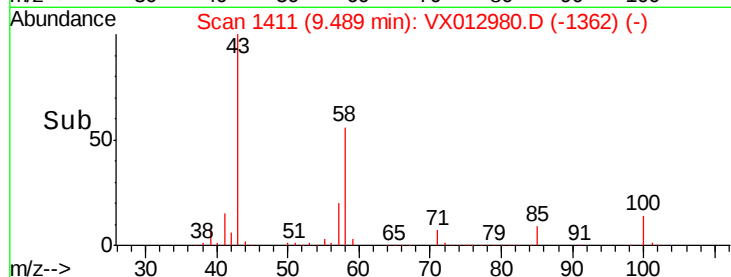
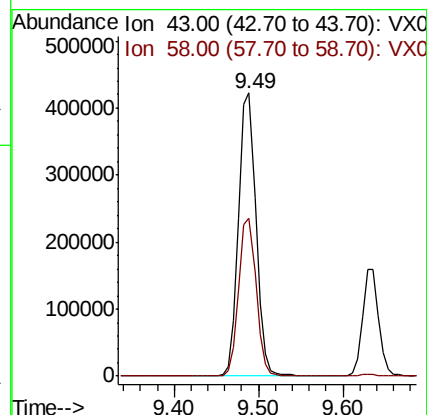
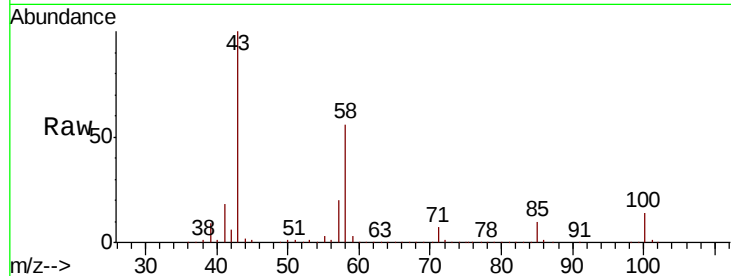




#59
2-Hexanone
Concen: 270.958 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. -0.00 min
Lab File: VX012980.D
Acq: 10 Oct 2019 06:52

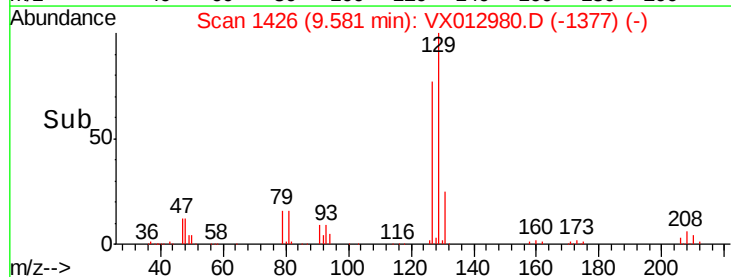
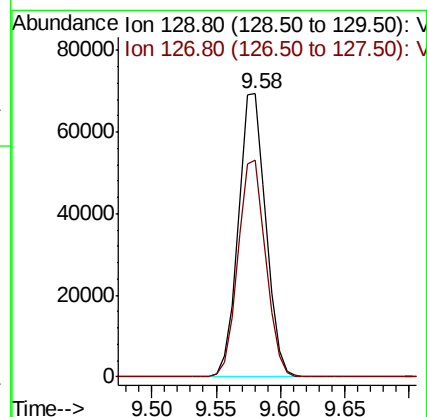
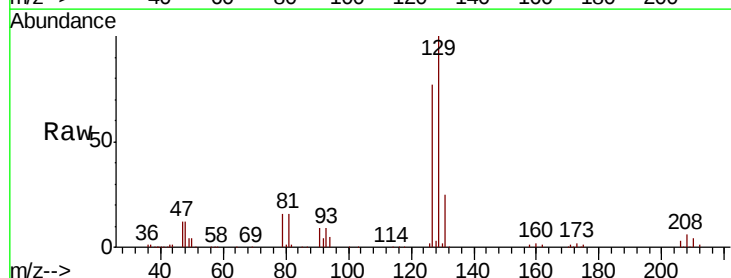
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

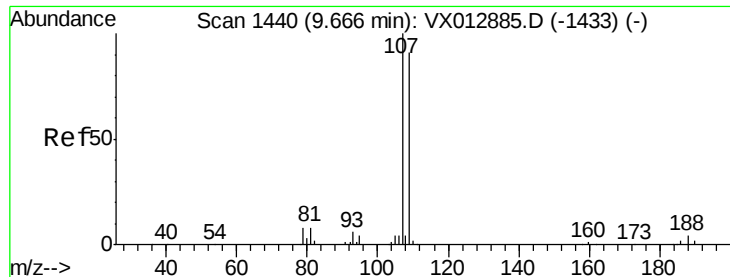
Tot Ion: 43 Resp: 584331
Ion Ratio Lower Upper
43 100
58 55.9 28.1 84.3



#60
Dibromochloromethane
Concen: 50.004 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX012980.D
Acq: 10 Oct 2019 06:52

Tgt Ion:129 Resp: 103018
Ion Ratio Lower Upper
129 100
127 77.3 38.9 116.7





#61

1,2-Dibromoethane

Concen: 53.794 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012980.D

Acq: 10 Oct 2019 06:52

Instrument :

MSVOA_X

ClientSampleId :

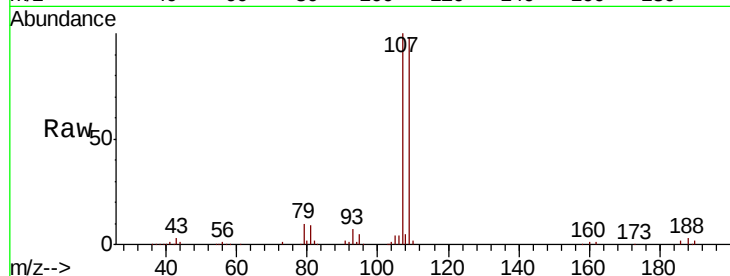
VSTDCCC050EC

Tot Ion:107 Resp: 104763

Ion Ratio Lower Upper

107 100

109 94.9 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

80000

60000

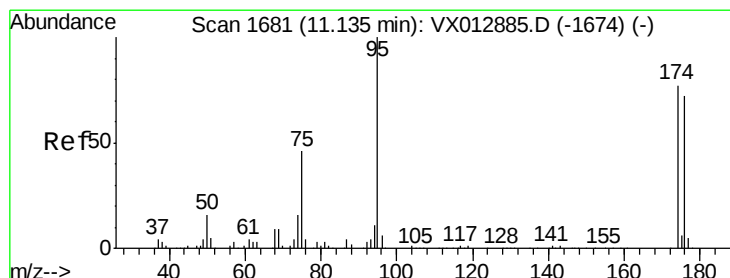
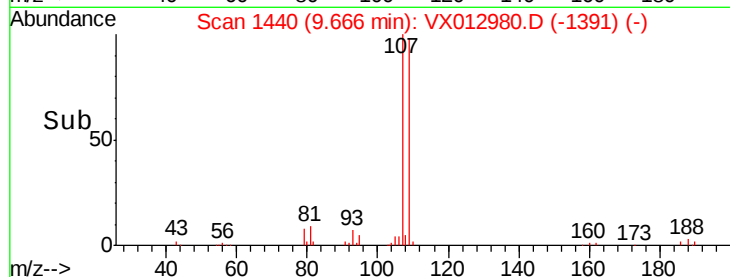
40000

20000

0

9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 50.913 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012980.D

Acq: 10 Oct 2019 06:52

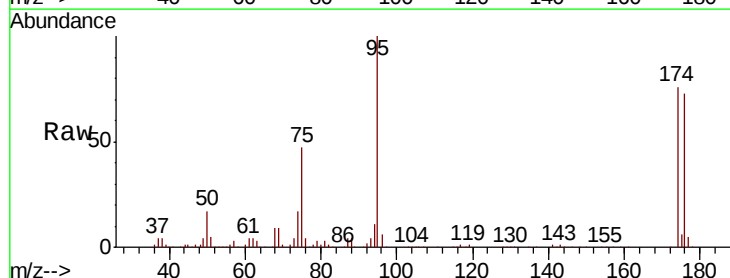
Tgt Ion: 95 Resp: 124702

Ion Ratio Lower Upper

95 100

174 72.2 0.0 143.4

176 70.4 0.0 136.0



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

120000

100000

80000

60000

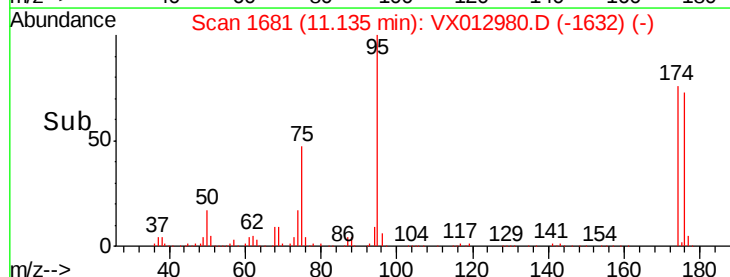
40000

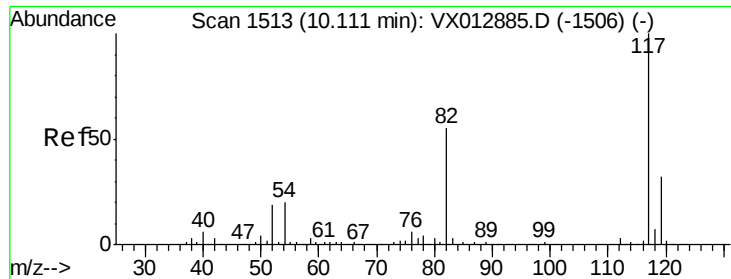
20000

0

11.05 11.10 11.15 11.20

Time-->

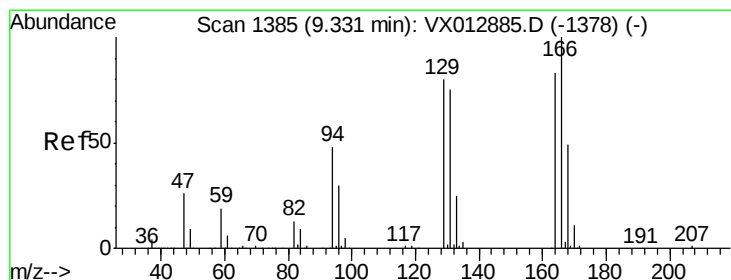
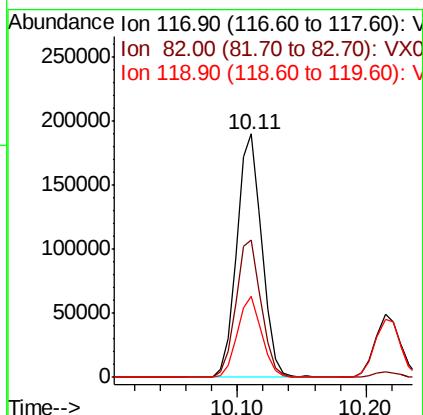
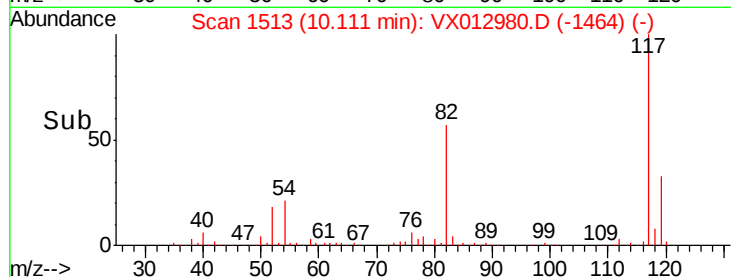
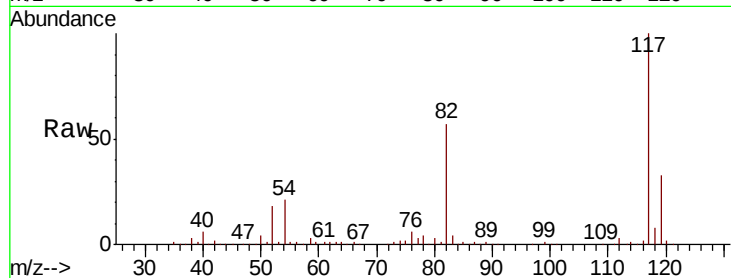




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012980.D
Acq: 10 Oct 2019 06:52

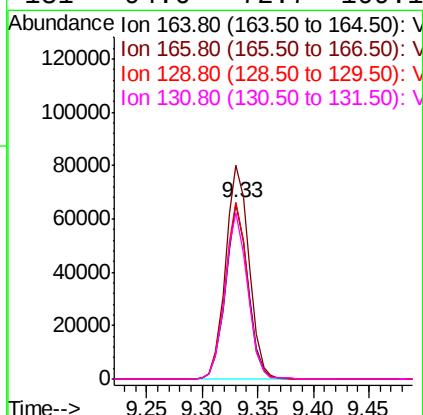
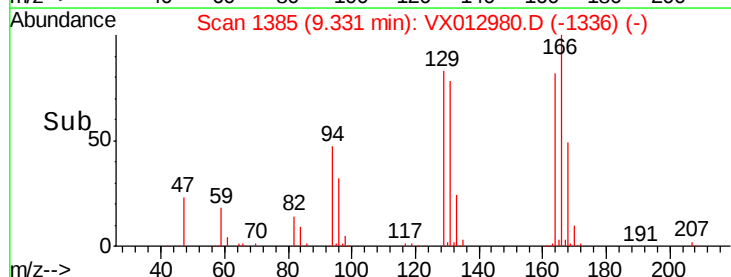
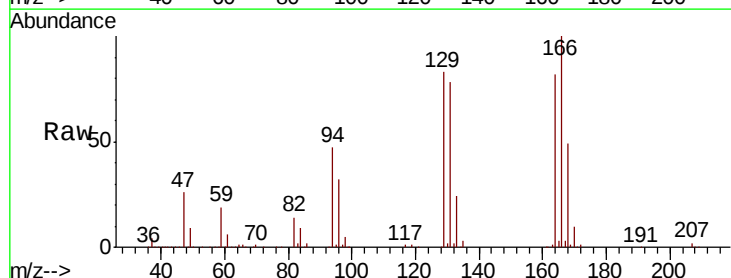
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

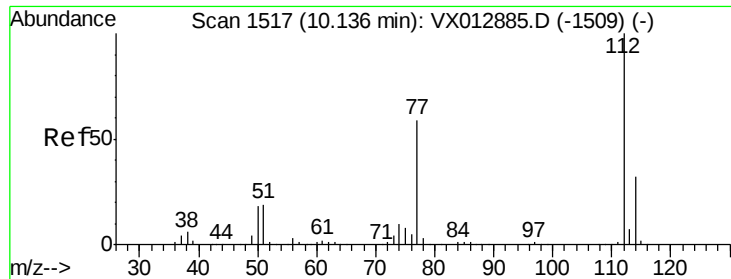
Tot Ion:117 Resp: 256015
Ion Ratio Lower Upper
117 100
82 56.6 44.1 66.1
119 33.4 25.8 38.8



#64
Tetrachloroethene
Concen: 51.194 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012980.D
Acq: 10 Oct 2019 06:52

Tgt Ion:164 Resp: 90906
Ion Ratio Lower Upper
164 100
166 121.5 96.9 145.3
129 100.7 77.9 116.9
131 94.6 72.7 109.1

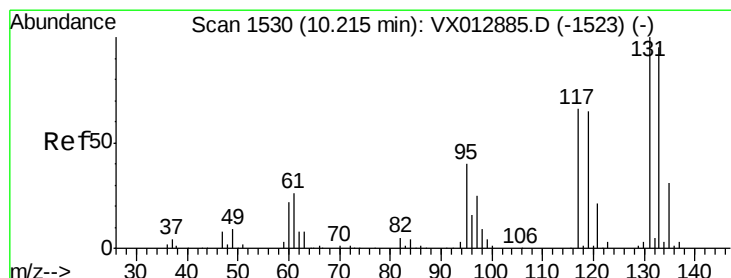
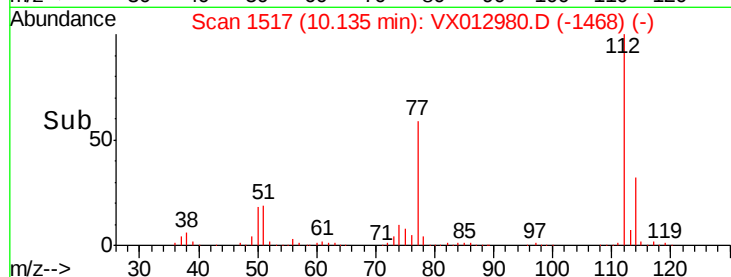
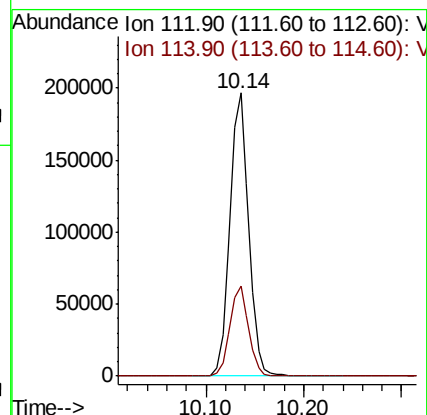
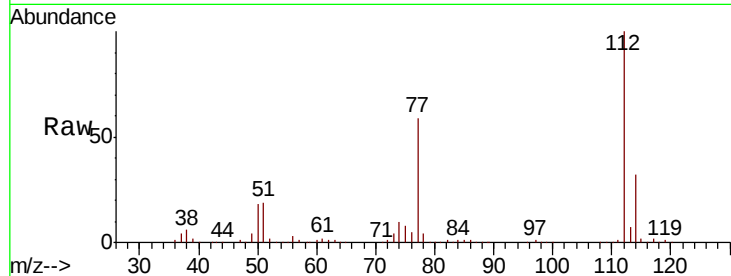




#65
Chlorobenzene
Concen: 51.379 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012980.D
Acq: 10 Oct 2019 06:52

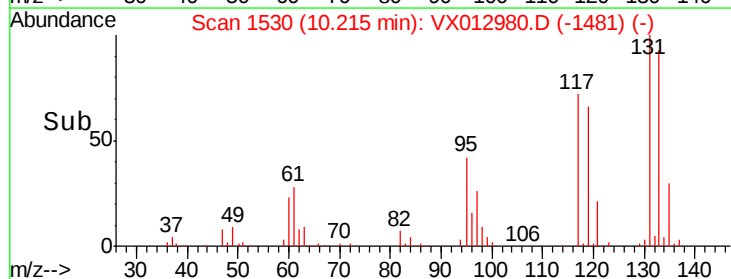
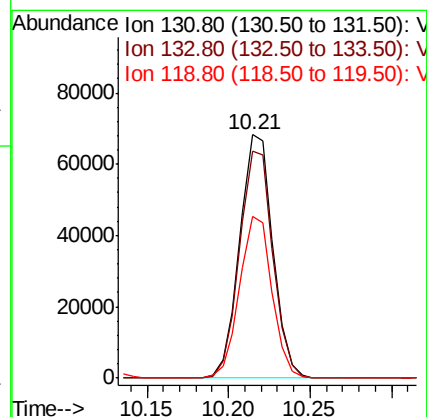
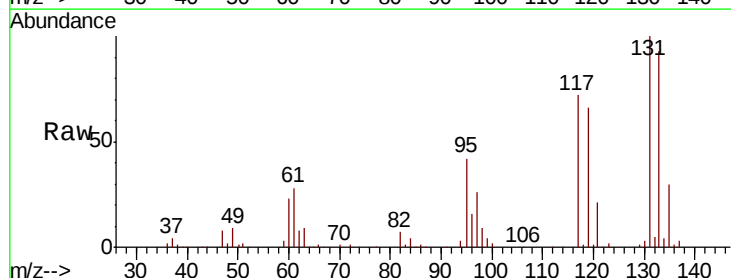
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

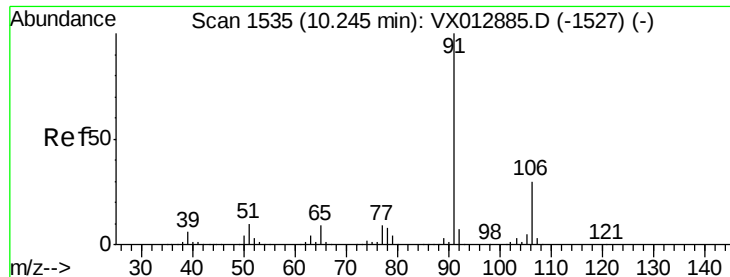
Tot Ion:112 Resp: 261212
Ion Ratio Lower Upper
112 100
114 31.9 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 54.977 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX012980.D
Acq: 10 Oct 2019 06:52

Tgt Ion:131 Resp: 96912
Ion Ratio Lower Upper
131 100
133 93.6 47.2 141.6
119 65.0 32.6 98.0

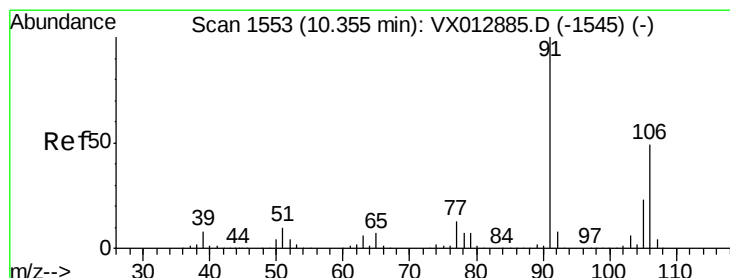
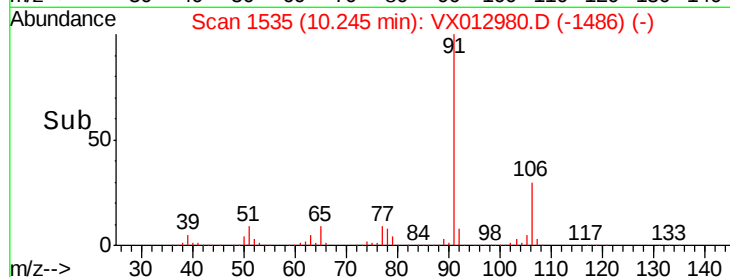
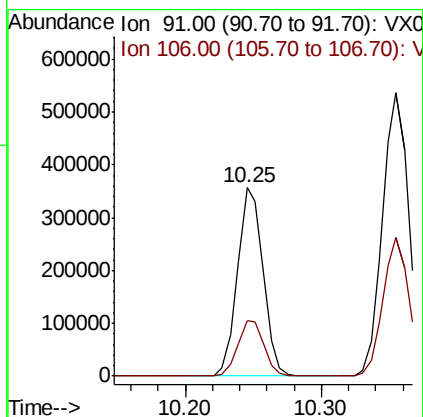
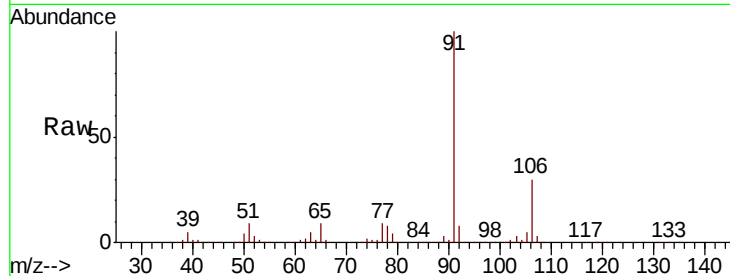




#67
Ethyl Benzene
Concen: 51.867 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX012980.D
Acq: 10 Oct 2019 06:52

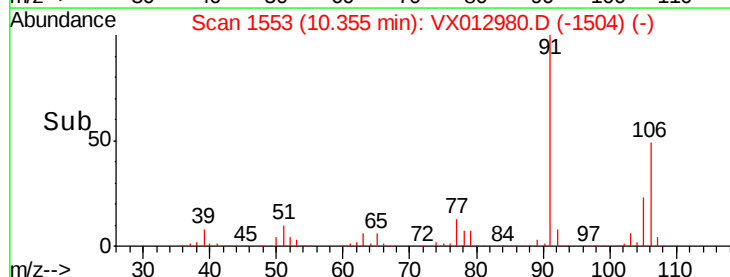
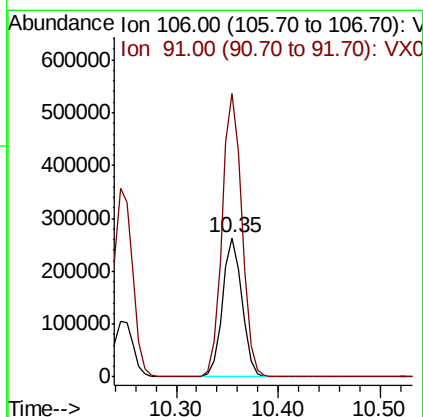
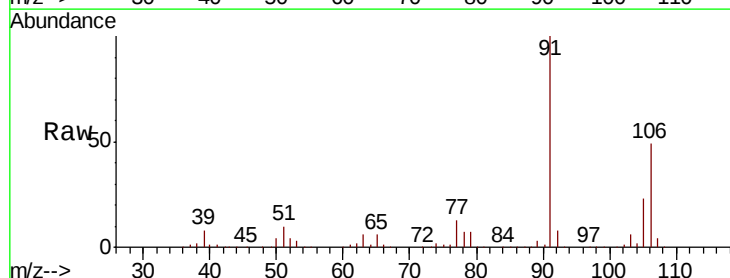
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

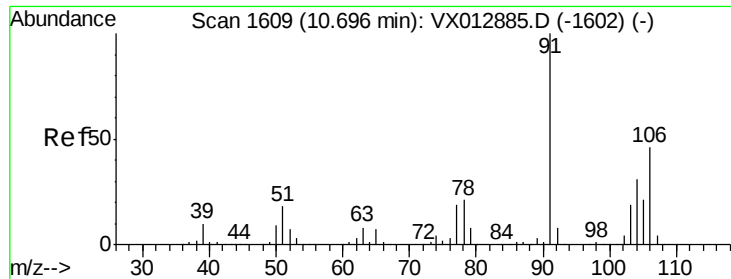
Tot Ion: 91 Resp: 468400
Ion Ratio Lower Upper
91 100
106 29.5 23.9 35.9



#68
m/p-Xylenes
Concen: 104.292 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012980.D
Acq: 10 Oct 2019 06:52

Tgt Ion: 106 Resp: 351852
Ion Ratio Lower Upper
106 100
91 206.3 165.3 247.9

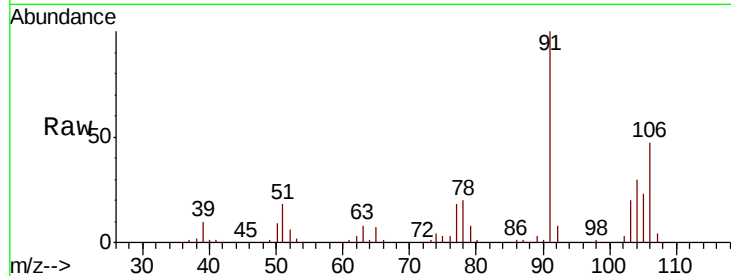




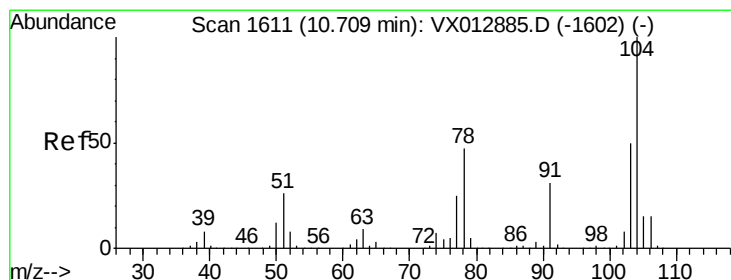
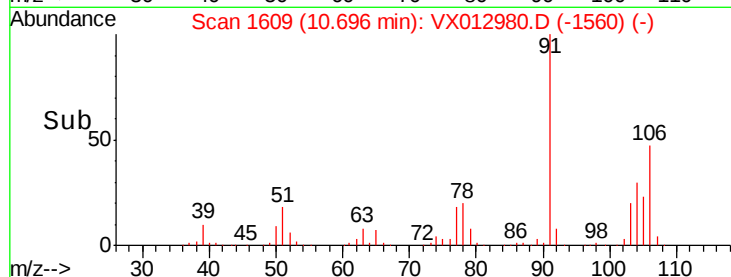
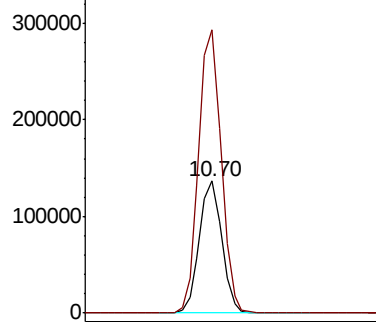
#69
o-Xylene
Concen: 52.781 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012980.D
Acq: 10 Oct 2019 06:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 173650
Ion Ratio Lower Upper
106 100
91 215.7 109.1 327.3

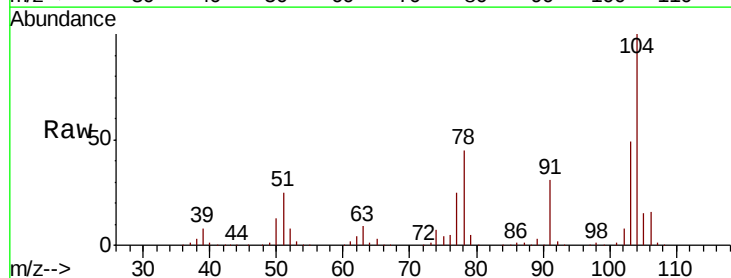


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

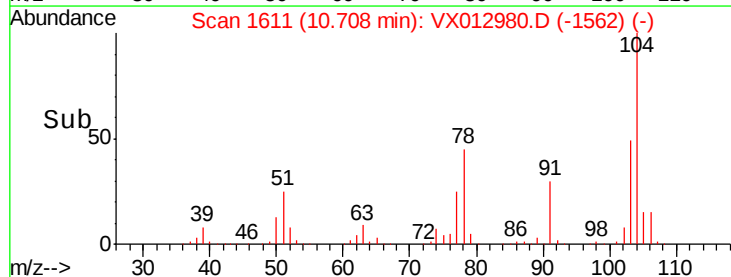
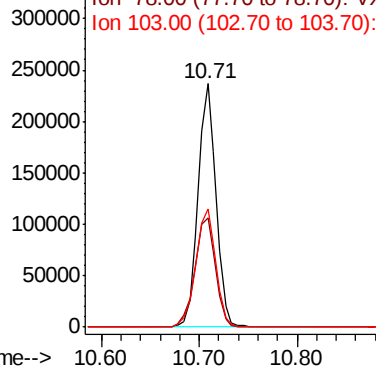


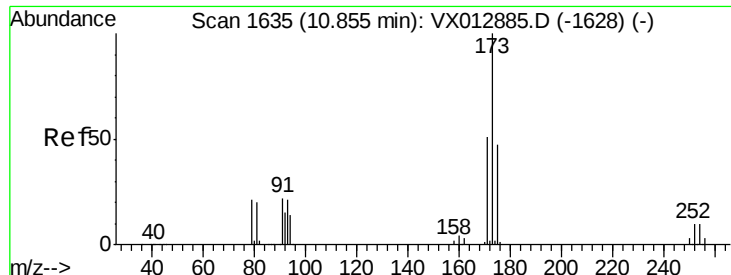
#70
Styrene
Concen: 53.666 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012980.D
Acq: 10 Oct 2019 06:52

Tgt Ion:104 Resp: 300154
Ion Ratio Lower Upper
104 100
78 51.7 41.2 61.8
103 53.9 43.0 64.4



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: 47.513 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012980.D

Acq: 10 Oct 2019 06:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

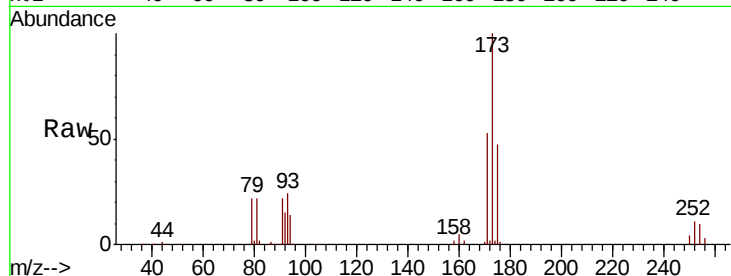
Tot Ion:173 Resp: 71100

Ion Ratio Lower Upper

173 100

175 47.8 24.1 72.3

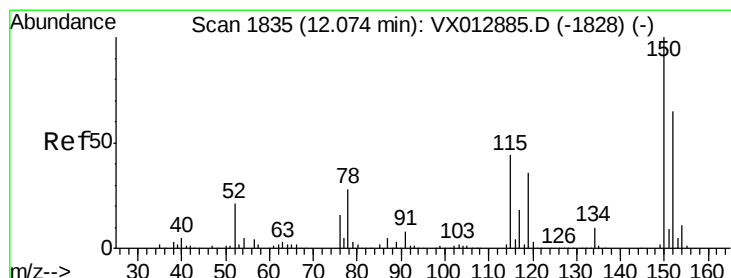
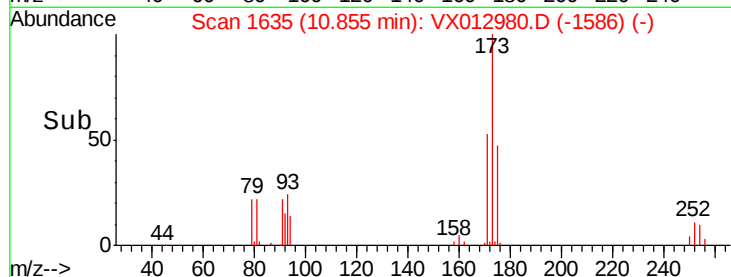
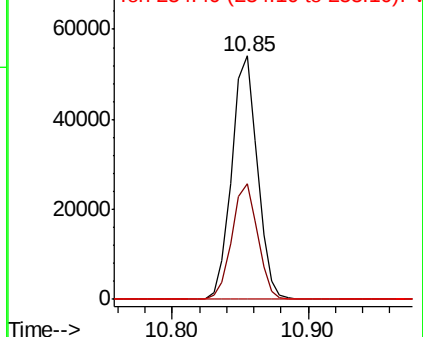
254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012980.D

Acq: 10 Oct 2019 06:52

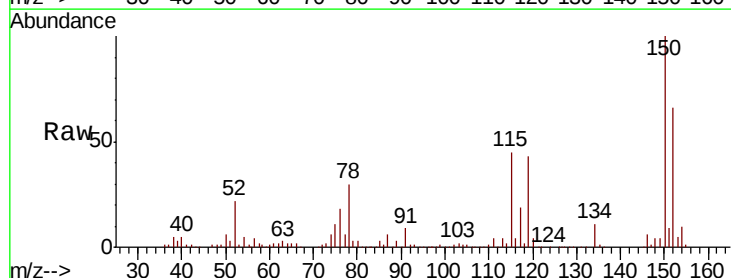
Tgt Ion:152 Resp: 120458

Ion Ratio Lower Upper

152 100

115 86.5 44.5 133.5

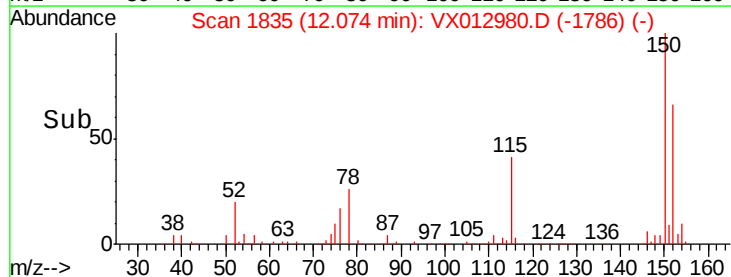
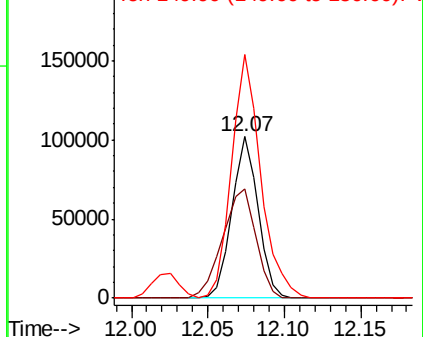
150 169.3 0.0 353.4

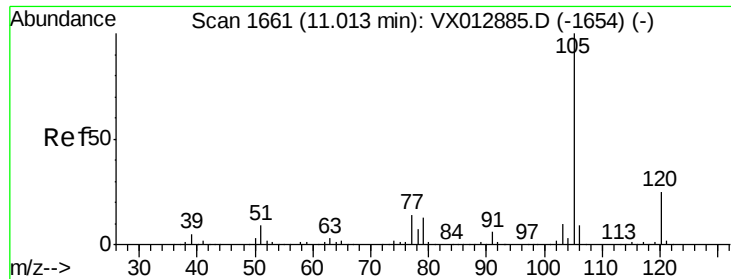


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.345 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012980.D

Acq: 10 Oct 2019 06:52

Instrument :

MSVOA_X

ClientSampleId :

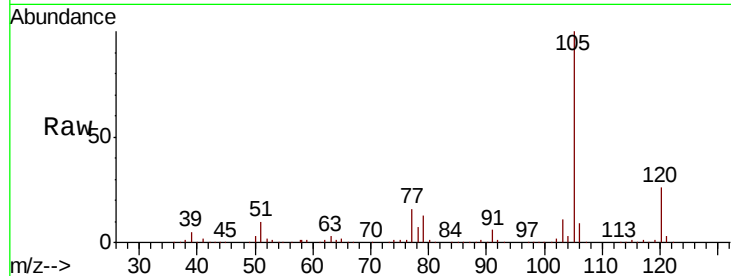
VSTDCCC050EC

Tot Ion:105 Resp: 454730

Ion Ratio Lower Upper

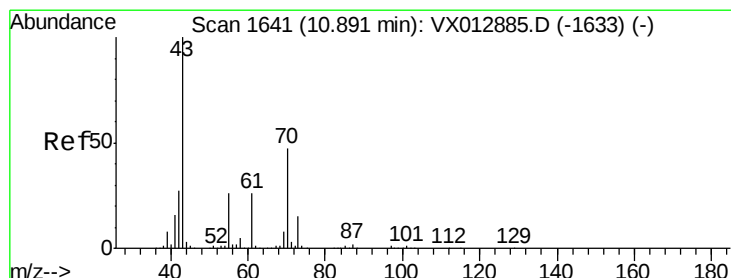
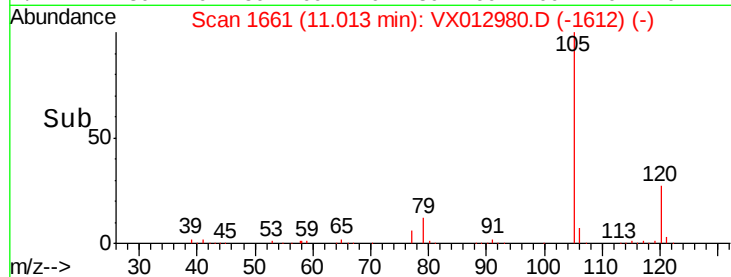
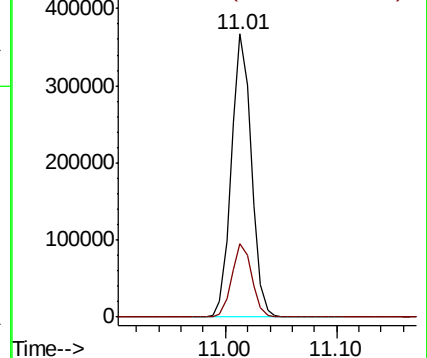
105 100

120 26.0 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 55.100 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012980.D

Acq: 10 Oct 2019 06:52

Tgt Ion: 43 Resp: 210163

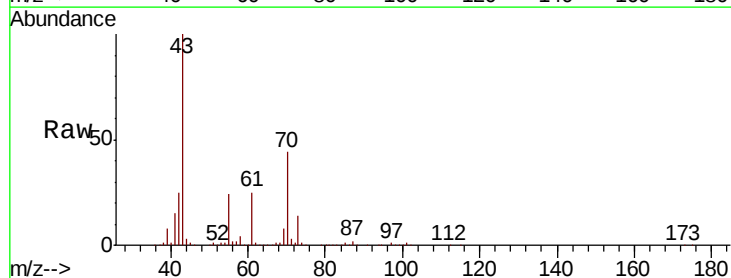
Ion Ratio Lower Upper

43 100

70 44.5 36.4 54.6

55 24.3 20.2 30.2

61 25.4 20.5 30.7

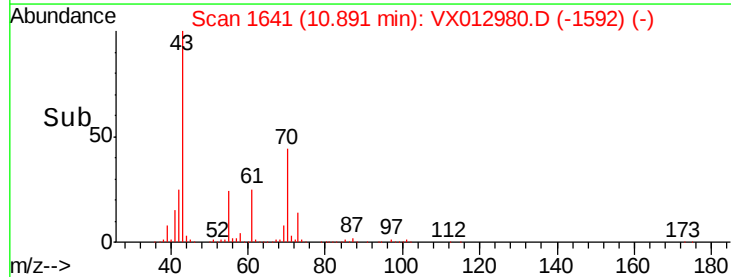
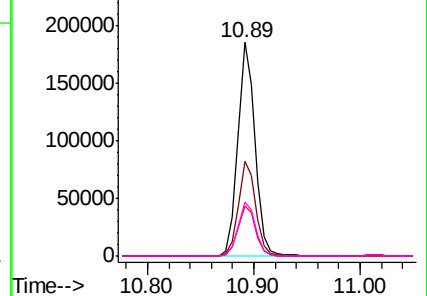


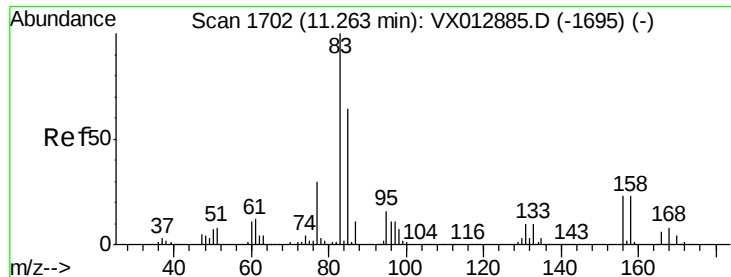
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 52.797 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012980.D

Acq: 10 Oct 2019 06:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

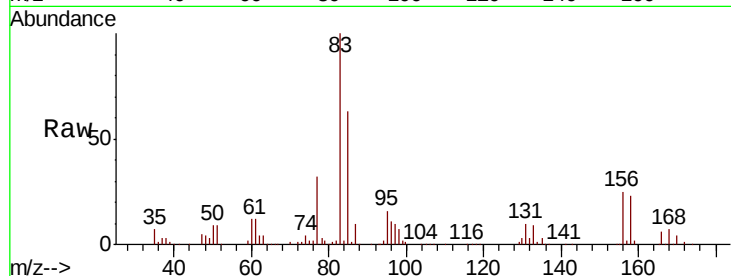
Tot Ion: 83 Resp: 155518

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.3

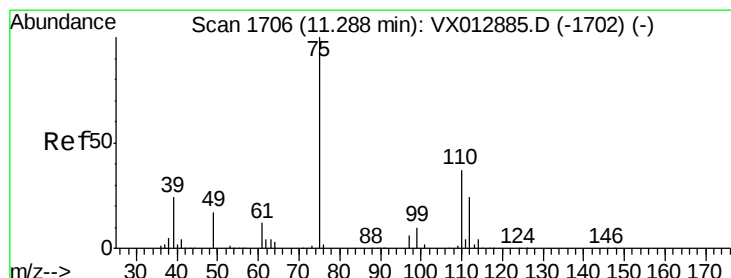
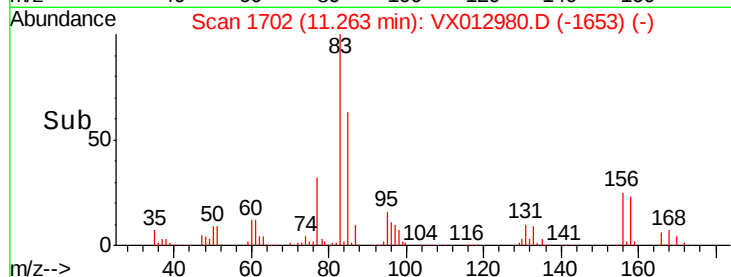
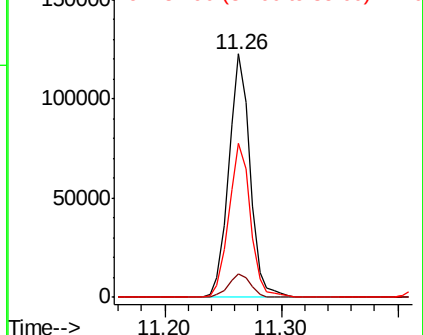
85 64.5 32.1 96.5



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: 66.141 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX012980.D

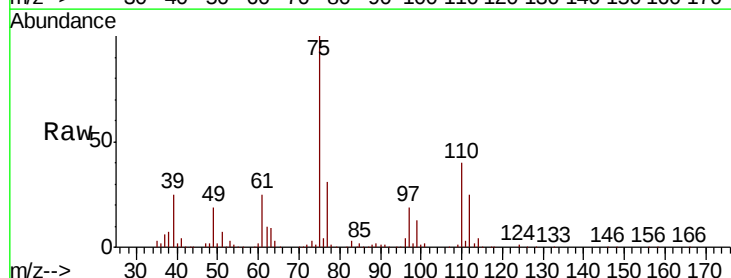
Acq: 10 Oct 2019 06:52

Tgt Ion: 75 Resp: 176713

Ion Ratio Lower Upper

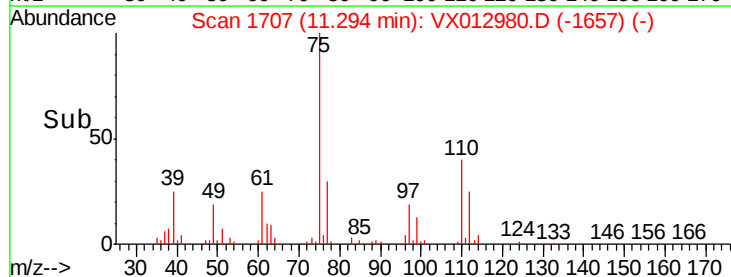
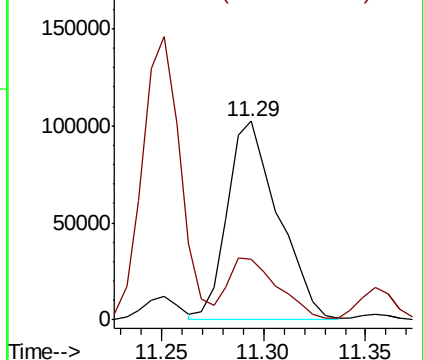
75 100

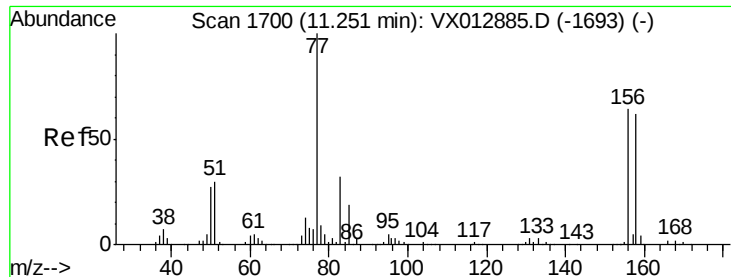
77 30.5 22.9 68.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 51.065 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012980.D

Acq: 10 Oct 2019 06:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

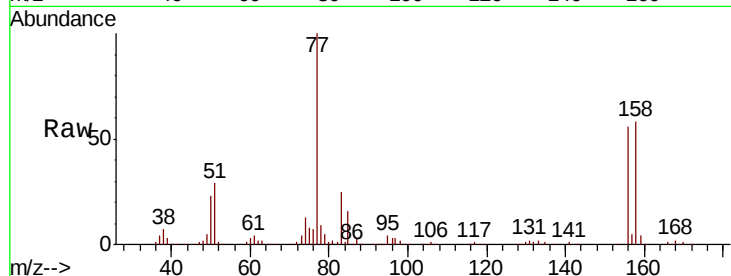
Tot Ion:156 Resp: 106571

Ion Ratio Lower Upper

156 100

77 177.0 83.7 251.0

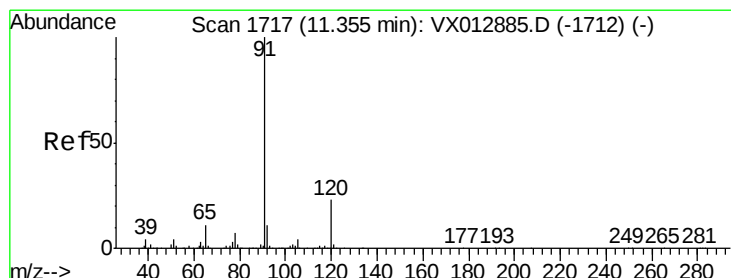
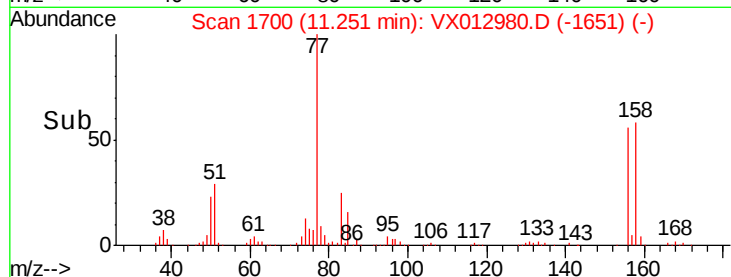
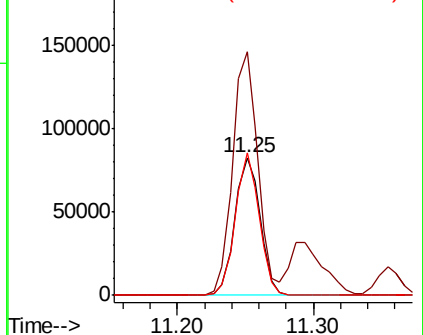
158 97.6 48.6 145.9



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: 50.006 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012980.D

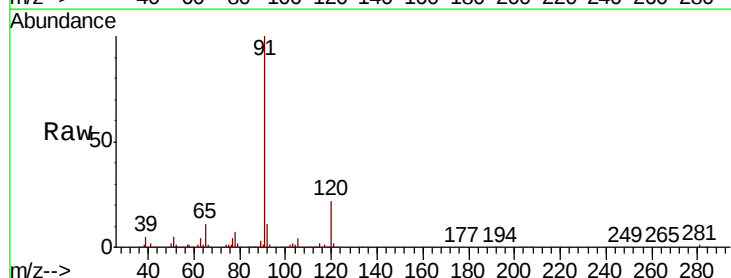
Acq: 10 Oct 2019 06:52

Tgt Ion: 91 Resp: 487319

Ion Ratio Lower Upper

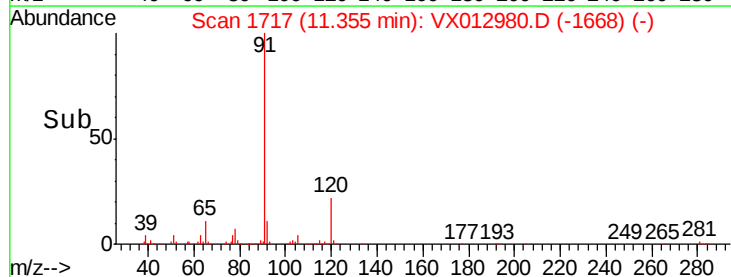
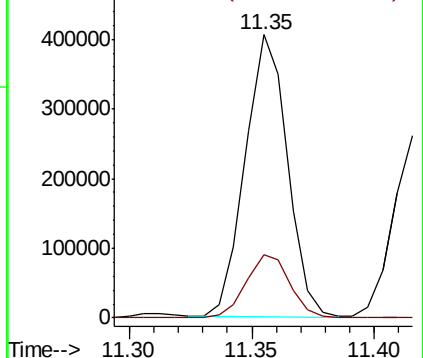
91 100

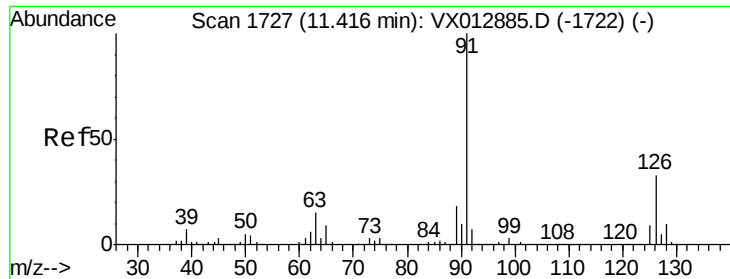
120 23.3 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

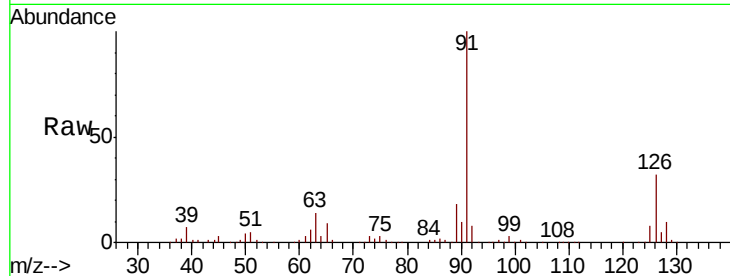




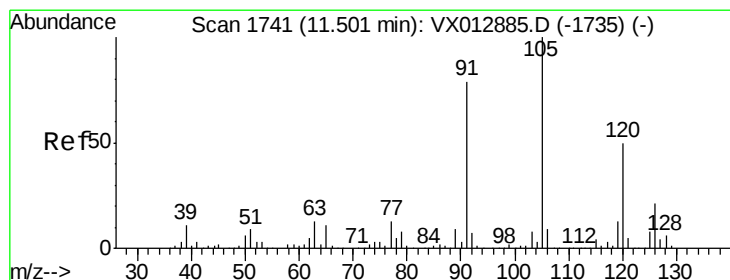
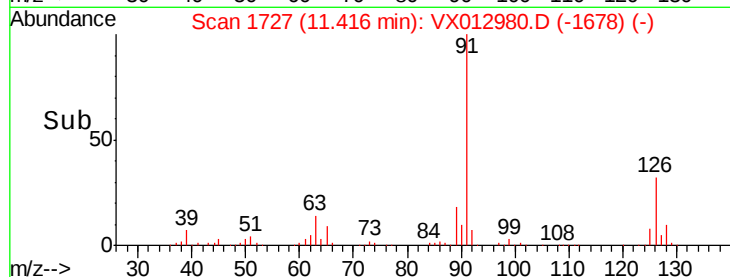
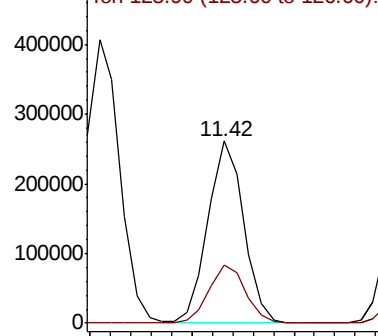
#79
 2-Chlorotoluene
 Concen: 51.921 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX012980.D
 Acq: 10 Oct 2019 06:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 317993
 Ion Ratio Lower Upper
 91 100
 126 32.3 16.3 48.8

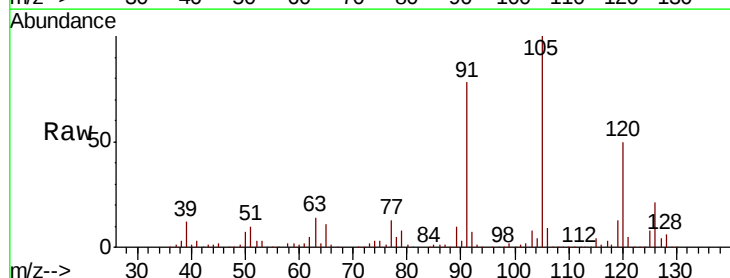


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

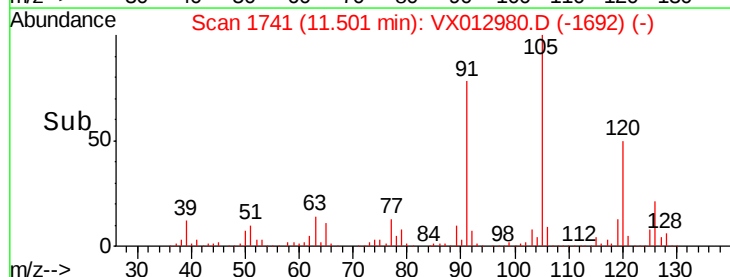
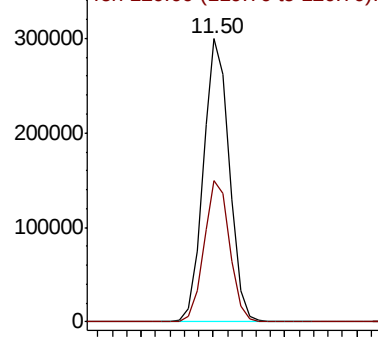


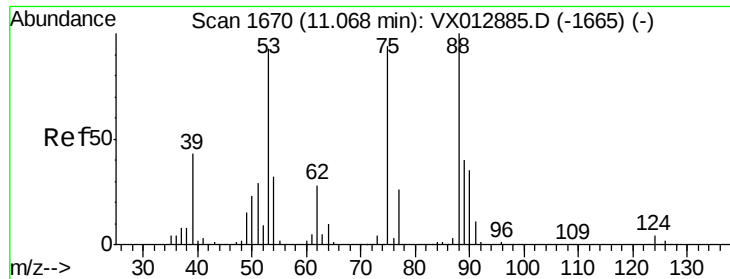
#80
 1,3,5-Trimethylbenzene
 Concen: 51.004 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012980.D
 Acq: 10 Oct 2019 06:52

Tgt Ion: 105 Resp: 377175
 Ion Ratio Lower Upper
 105 100
 120 49.5 24.8 74.3



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

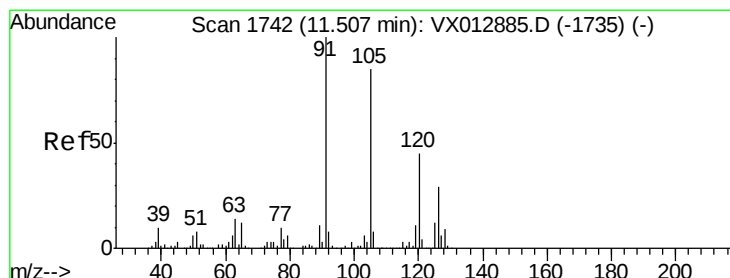
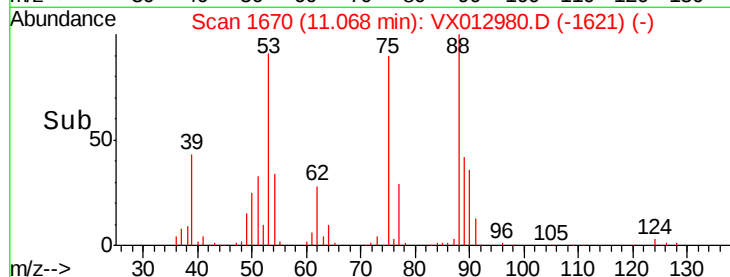
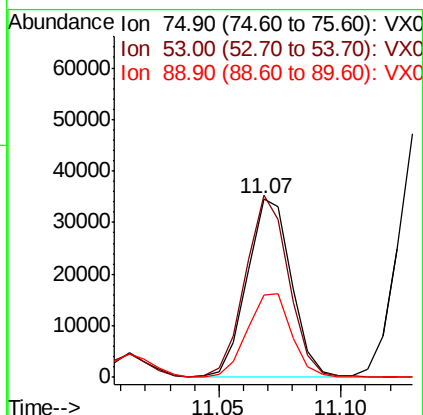
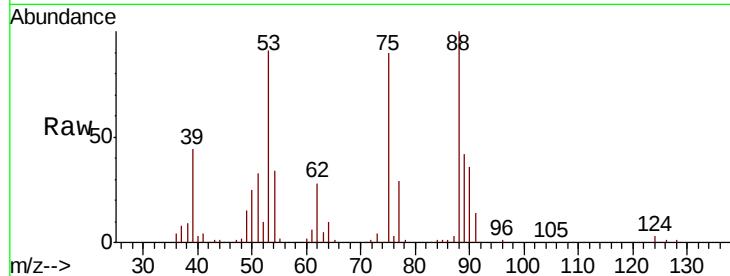




#81
trans-1,4-Dichloro-2-butene
Concen: 42.470 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX012980.D
Acq: 10 Oct 2019 06:52

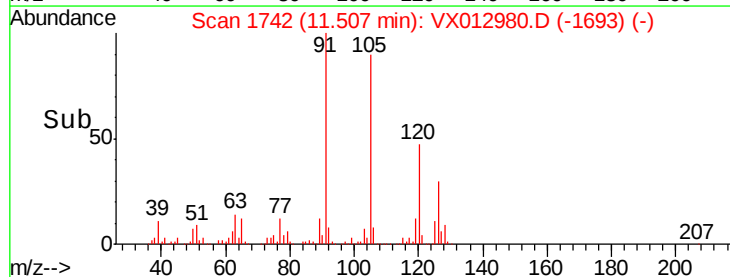
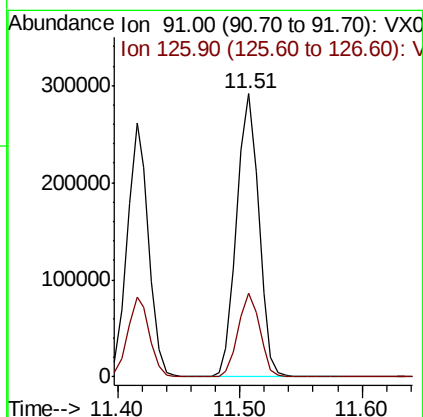
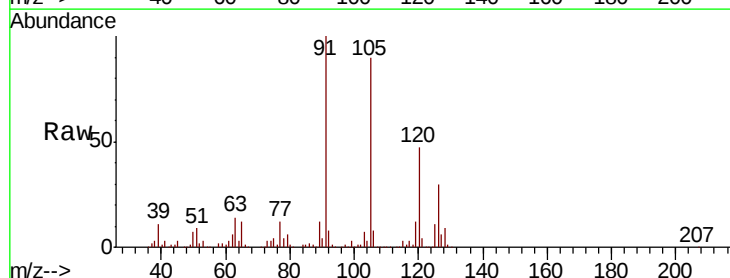
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

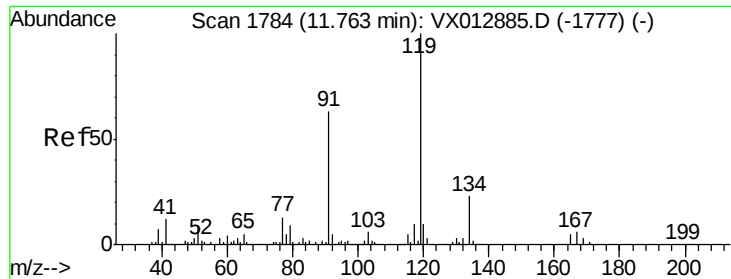
Tot Ion: 75 Resp: 43430
Ion Ratio Lower Upper
75 100
53 100.9 78.5 117.7
89 47.3 37.4 56.2



#82
4-Chlorotoluene
Concen: 52.004 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX012980.D
Acq: 10 Oct 2019 06:52

Tgt Ion: 91 Resp: 365066
Ion Ratio Lower Upper
91 100
126 28.7 14.2 42.6

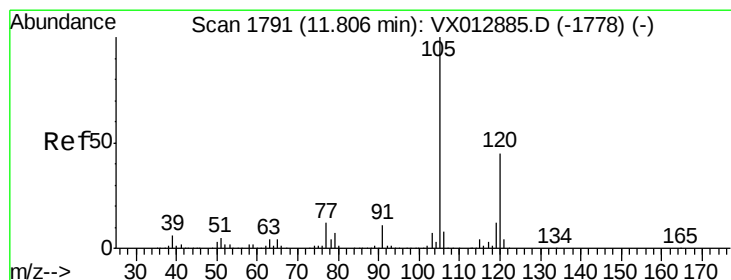
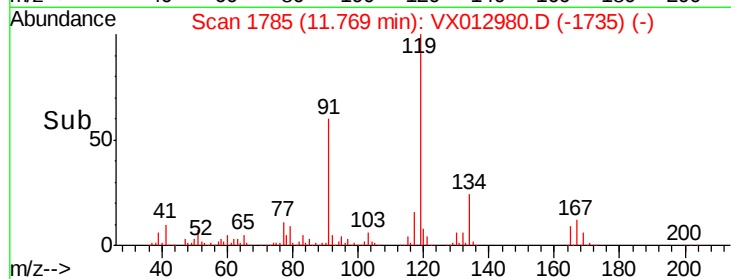
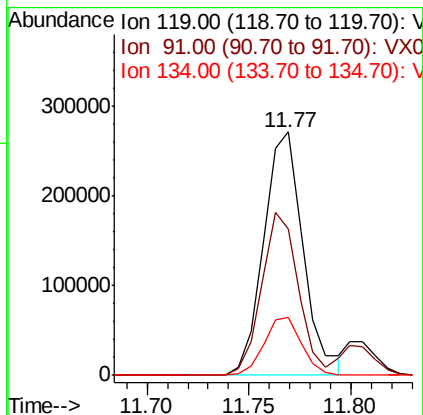
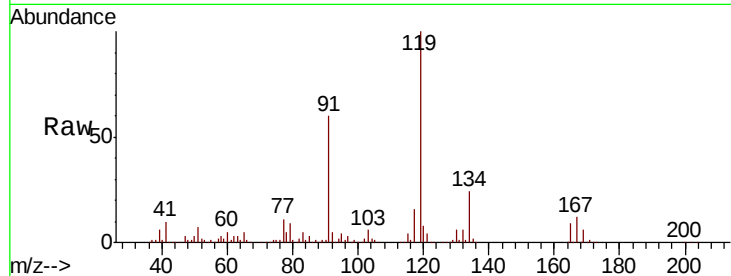




#83
tert-Butylbenzene
Concen: 50.840 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. 0.01 min
Lab File: VX012980.D
Acq: 10 Oct 2019 06:52

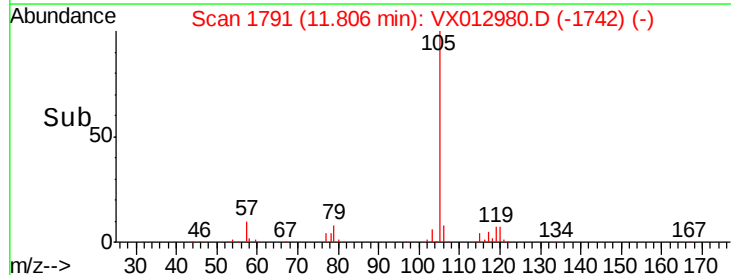
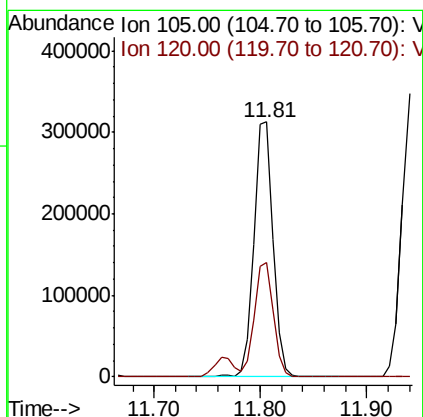
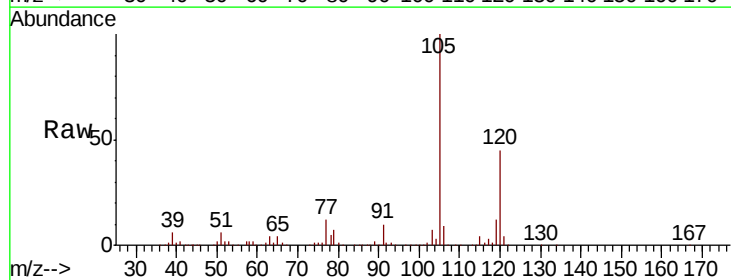
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

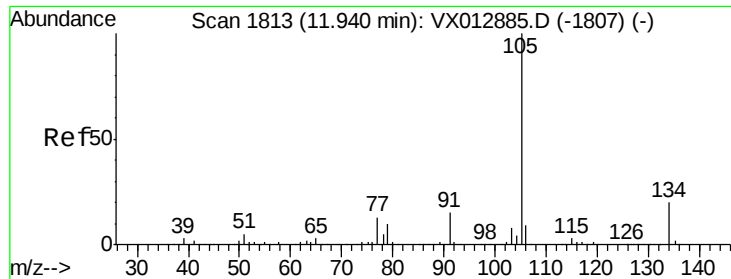
Tot Ion:119 Resp: 366750
Ion Ratio Lower Upper
119 100
91 61.8 29.3 87.9
134 22.7 11.5 34.4



#84
1,2,4-Trimethylbenzene
Concen: 52.766 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. -0.00 min
Lab File: VX012980.D
Acq: 10 Oct 2019 06:52

Tgt Ion:105 Resp: 395190
Ion Ratio Lower Upper
105 100
120 44.3 21.8 65.3

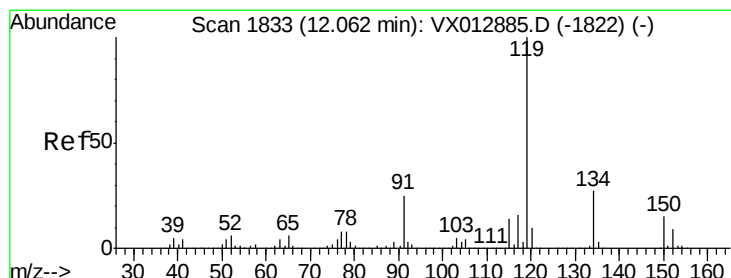
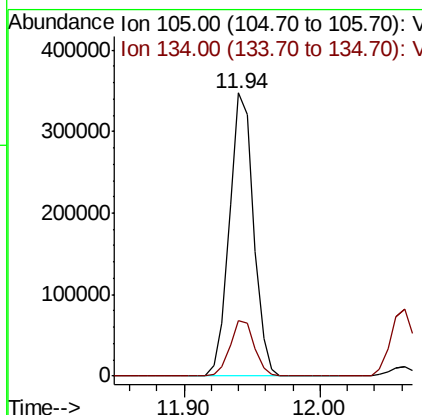
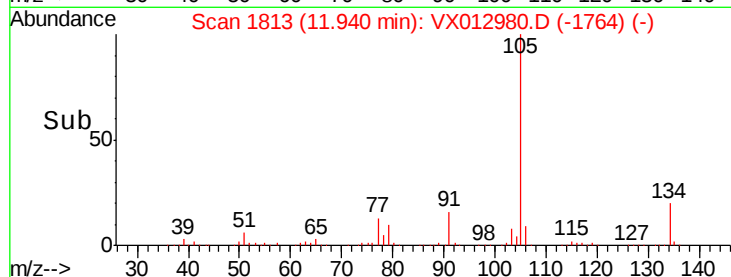
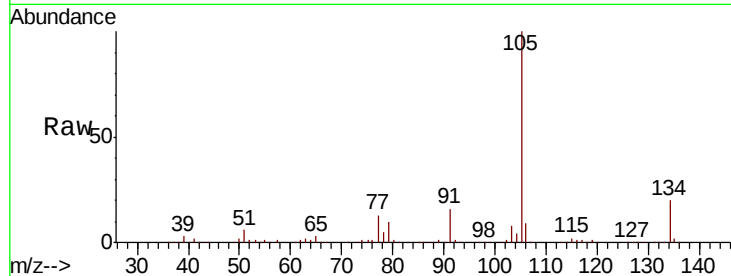




#85
 sec-Butylbenzene
 Concen: 51.069 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX012980.D
 Acq: 10 Oct 2019 06:52

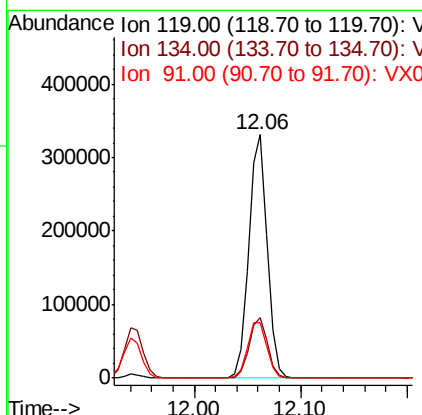
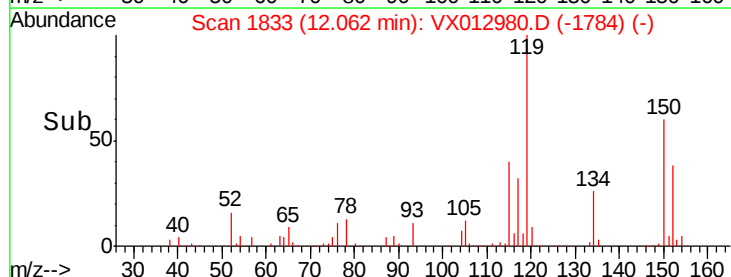
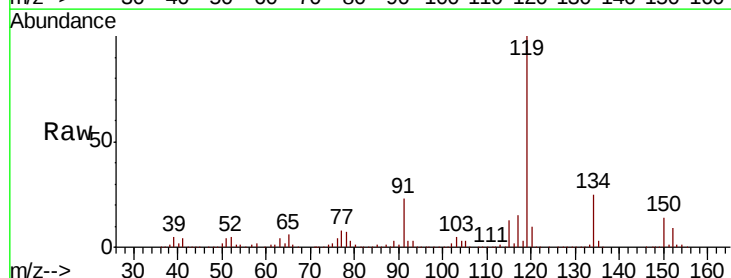
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:105 Resp: 426810
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 51.528 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX012980.D
 Acq: 10 Oct 2019 06:52

Tgt Ion:119 Resp: 399398
 Ion Ratio Lower Upper
 119 100
 134 24.8 12.6 37.8
 91 24.4 12.4 37.4

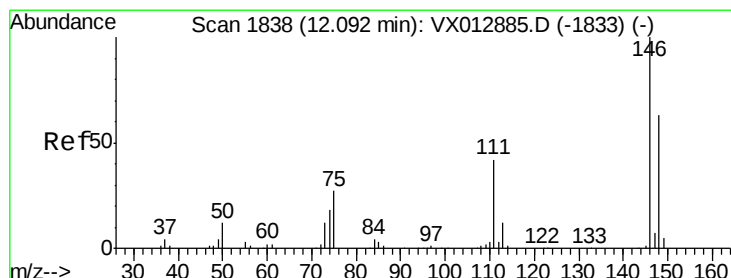
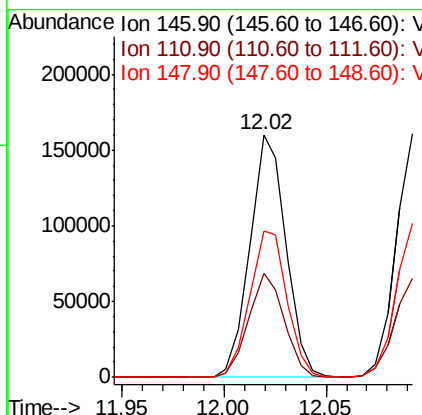
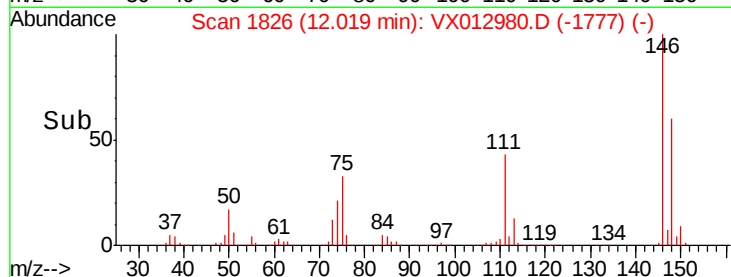
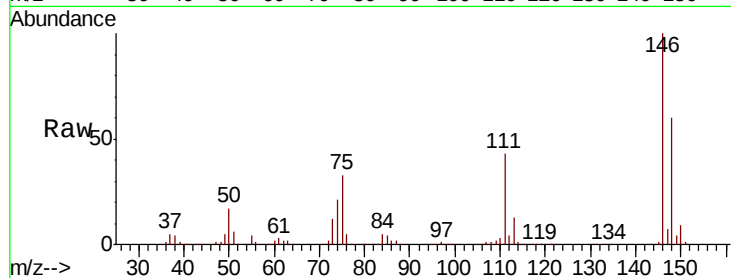




#87
 1,3-Dichlorobenzene
 Concen: 50.973 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012980.D
 Acq: 10 Oct 2019 06:52

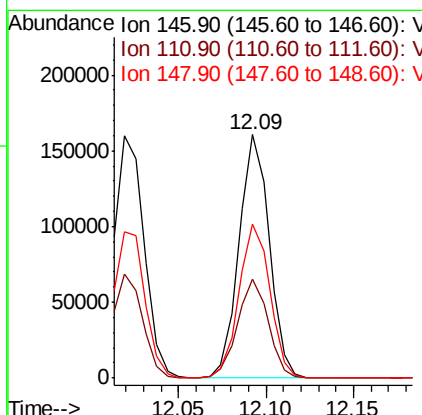
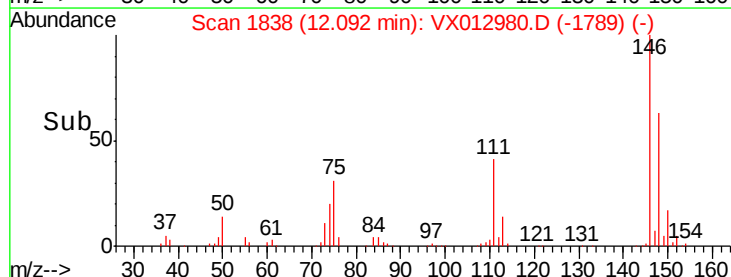
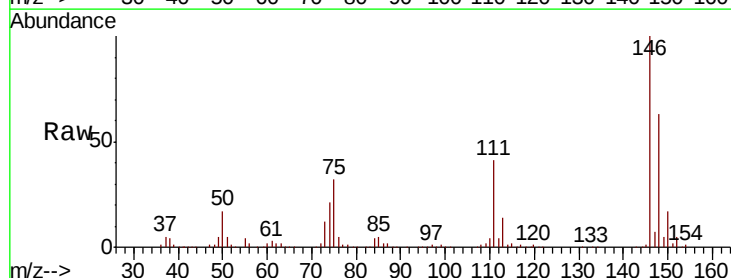
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

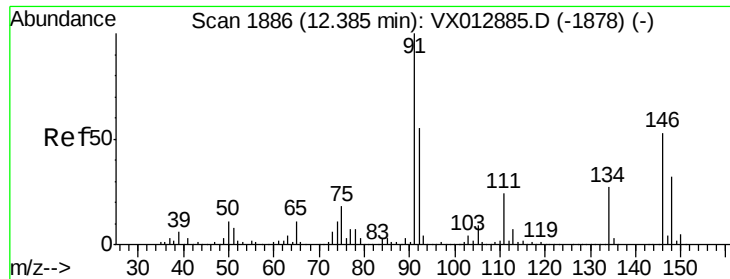
Tot Ion:146 Resp: 197545
 Ion Ratio Lower Upper
 146 100
 111 42.4 21.1 63.4
 148 62.1 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 49.455 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012980.D
 Acq: 10 Oct 2019 06:52

Tgt Ion:146 Resp: 194112
 Ion Ratio Lower Upper
 146 100
 111 41.5 21.4 64.3
 148 64.6 32.1 96.5

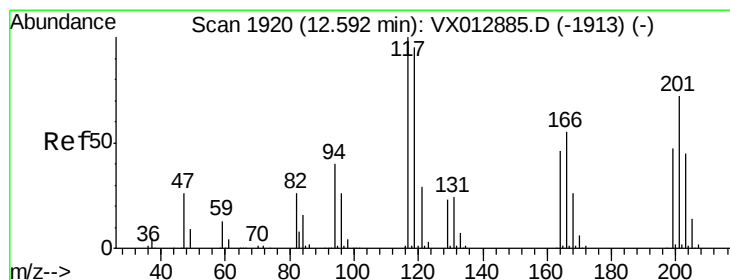
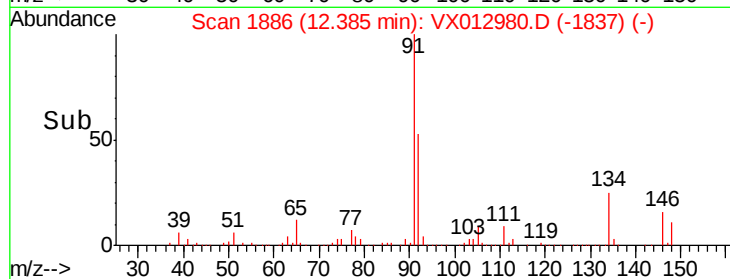
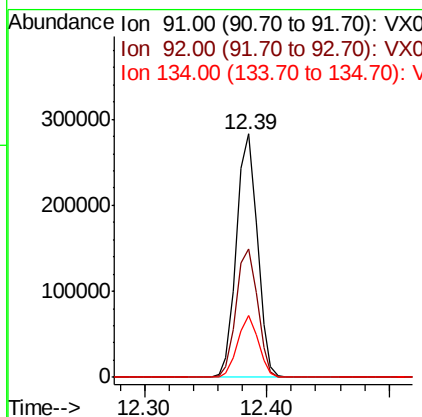
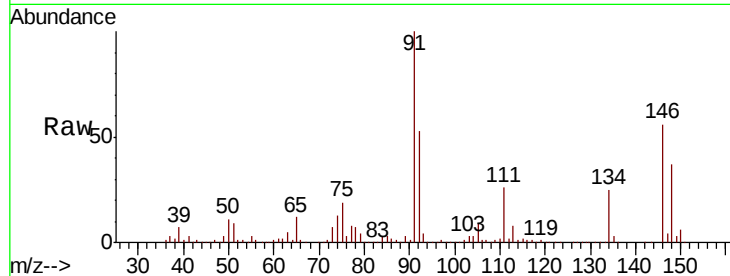




#89
n-Butylbenzene
Concen: 51.092 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX012980.D
Acq: 10 Oct 2019 06:52

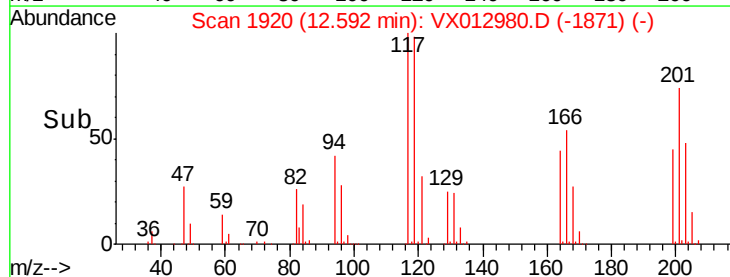
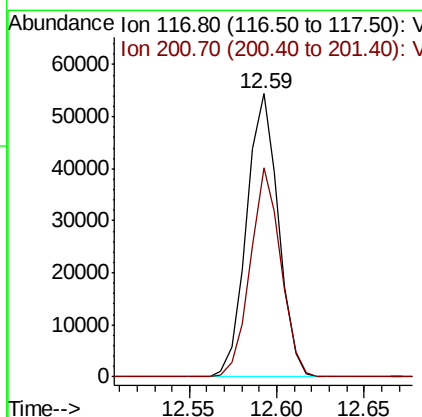
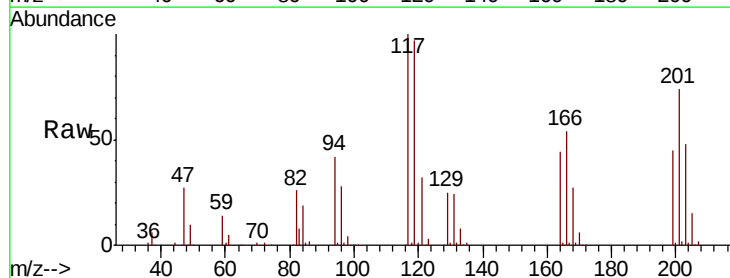
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

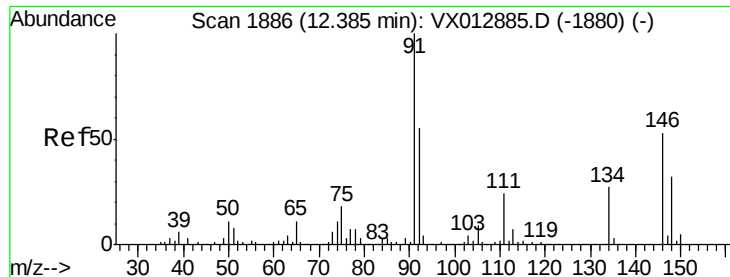
Tot Ion: 91 Resp: 332835
Ion Ratio Lower Upper
91 100
92 54.1 27.5 82.5
134 25.0 12.9 38.7



#90
Hexachloroethane
Concen: 47.875 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012980.D
Acq: 10 Oct 2019 06:52

Tgt Ion: 117 Resp: 68594
Ion Ratio Lower Upper
117 100
201 70.9 36.9 110.7

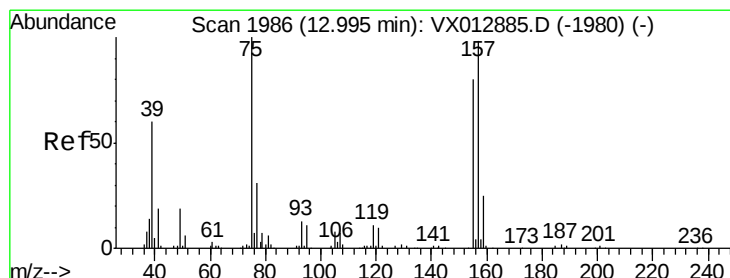
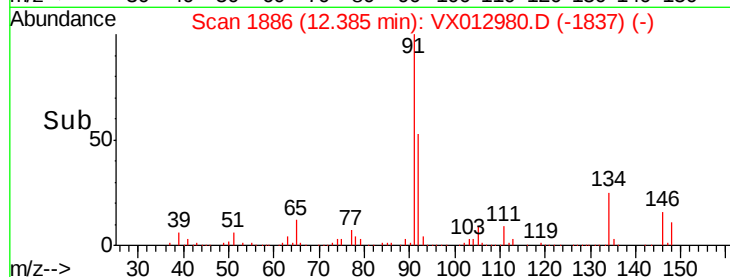
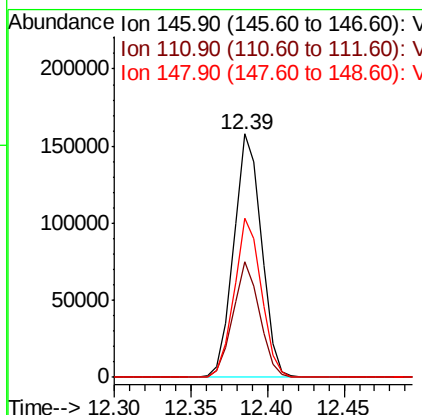
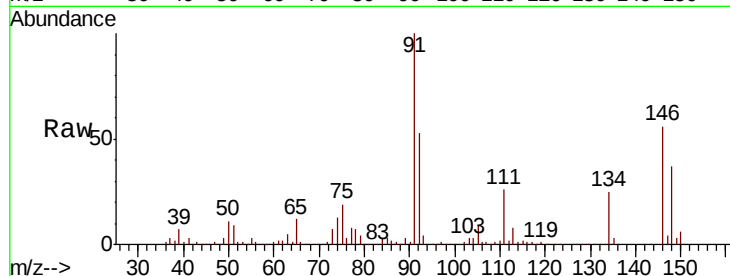




#91
 1,2-Dichlorobenzene
 Concen: 52.017 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012980.D
 Acq: 10 Oct 2019 06:52

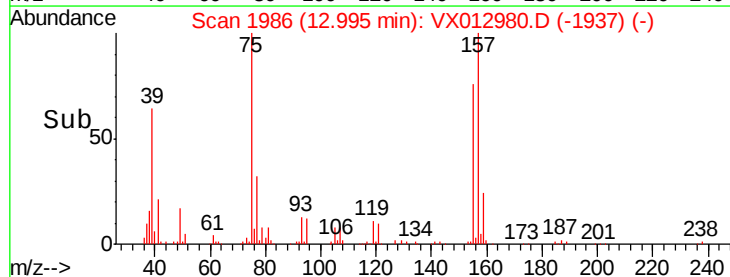
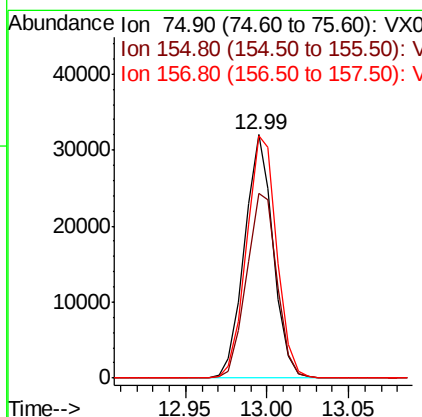
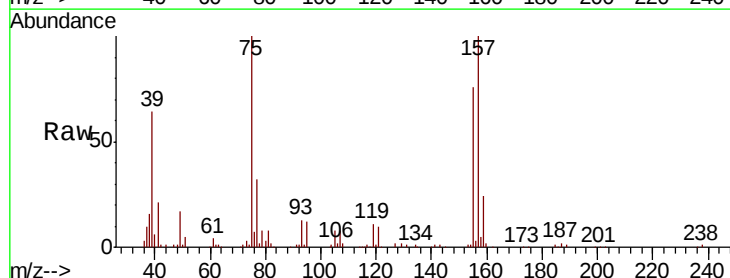
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

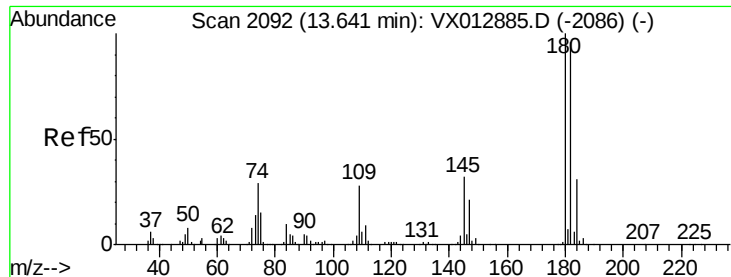
Tot Ion:146 Resp: 197633
 Ion Ratio Lower Upper
 146 100
 111 45.5 22.7 68.0
 148 64.2 31.6 94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.707 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012980.D
 Acq: 10 Oct 2019 06:52

Tgt Ion: 75 Resp: 39151
 Ion Ratio Lower Upper
 75 100
 155 80.7 43.0 128.8
 157 105.2 54.1 162.3

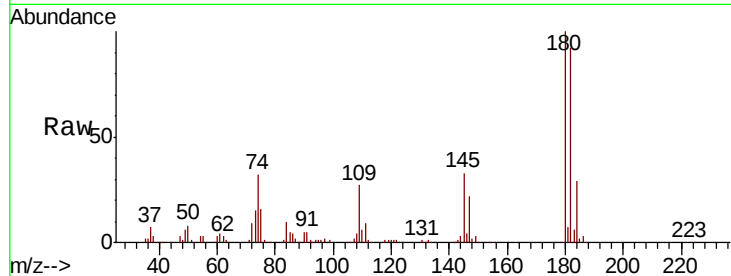




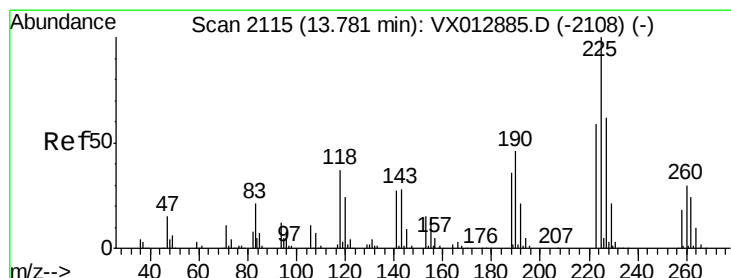
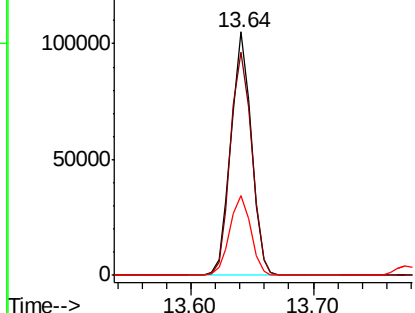
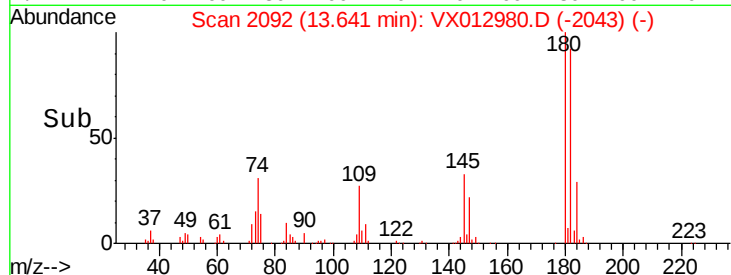
#93
 1,2,4-Trichlorobenzene
 Concen: 50.892 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012980.D
 Acq: 10 Oct 2019 06:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	46.8	140.4
145	33.6	16.2	48.6

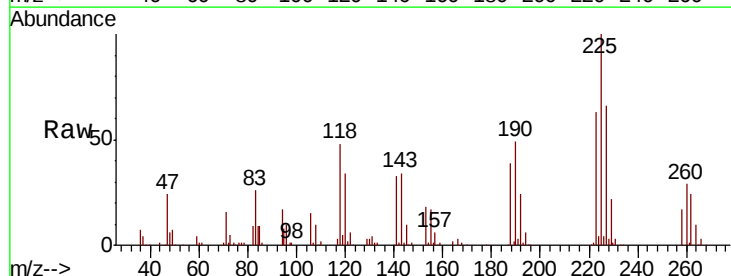


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

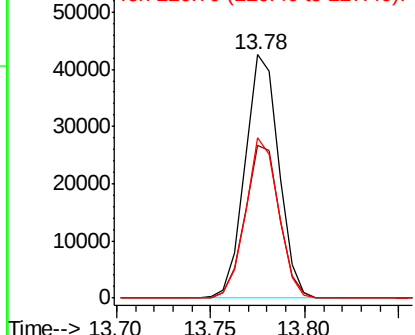
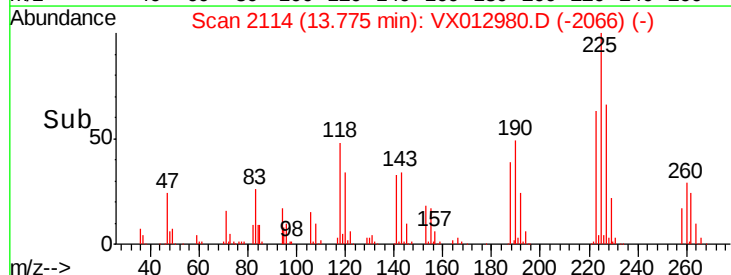


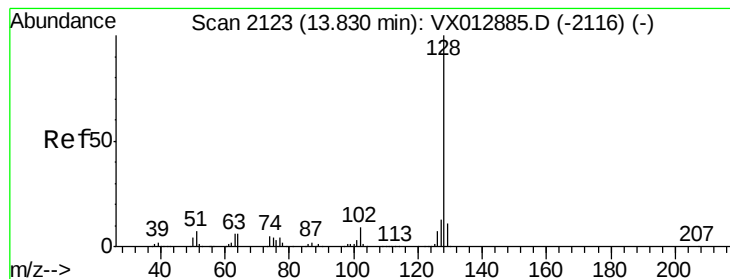
#94
 Hexachlorobutadiene
 Concen: 48.227 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX012980.D
 Acq: 10 Oct 2019 06:52

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	31.1	93.2
227	63.9	32.3	96.9



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 54.364 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX012980.D

Acq: 10 Oct 2019 06:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

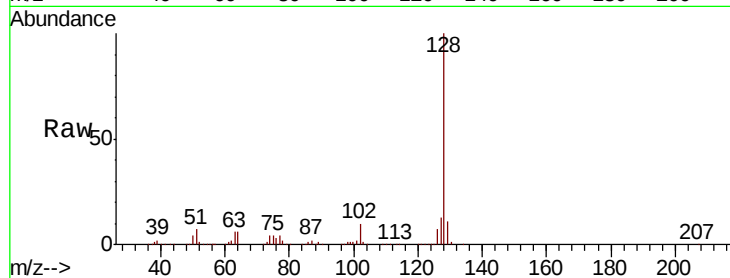
Tot Ion:128 Resp: 448525

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

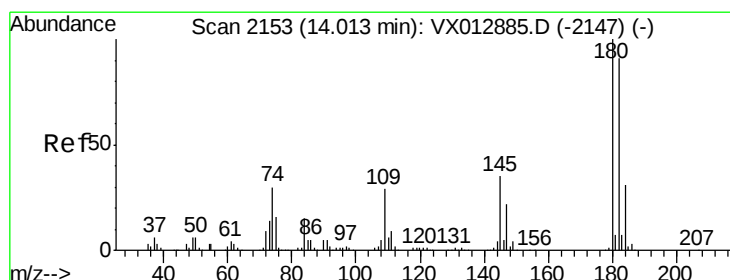
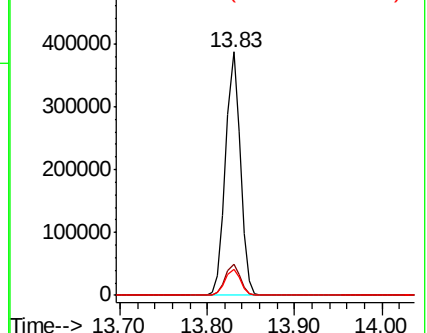
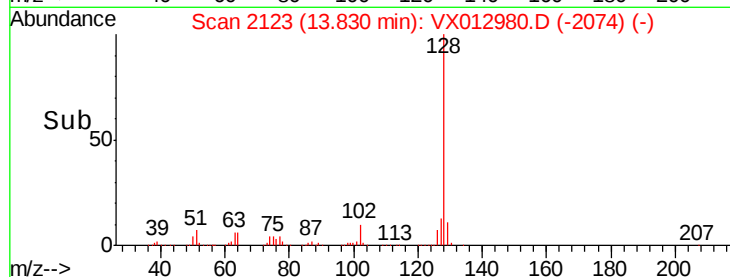
129 11.0 8.8 13.2



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: 51.529 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.00 min

Lab File: VX012980.D

Acq: 10 Oct 2019 06:52

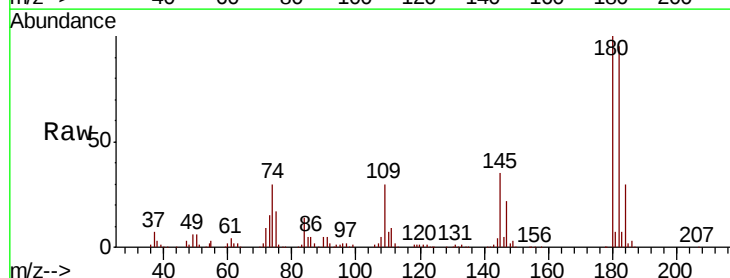
Tgt Ion:180 Resp: 126735

Ion Ratio Lower Upper

180 100

182 96.3 47.5 142.5

145 35.6 17.4 52.3



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

