

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101019\
 Data File : VX012982.D
 Acq On : 10 Oct 2019 09:31
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 11 04:26:49 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	181716	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	299783	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	272748	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	127465	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	109765	48.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.66%	
35) Dibromofluoromethane	5.48	113	85319	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	
50) Toluene-d8	8.71	98	330317	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	
62) 4-Bromofluorobenzene	11.13	95	129416	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	100094	54.039	ug/l	99
3) Chloromethane	1.32	50	102849	51.020	ug/l	97
4) Vinyl Chloride	1.40	62	104738	50.339	ug/l	99
5) Bromomethane	1.63	94	40122	46.389	ug/l	96
6) Chloroethane	1.71	64	66283	52.137	ug/l	100
7) Trichlorofluoromethane	1.92	101	150522	53.599	ug/l	96
8) Diethyl Ether	2.18	74	57996	51.164	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	91236	50.198	ug/l	99
10) Methyl Iodide	2.50	142	100186	48.793	ug/l	98
11) Tert butyl alcohol	3.03	59	130687	217.059	ug/l	99
12) 1,1-Dichloroethene	2.36	96	85984	46.824	ug/l	97
13) Acrolein	2.28	56	82475	192.756	ug/l	100
14) Allyl chloride	2.72	41	167606	51.252	ug/l	98
15) Acrylonitrile	3.13	53	283249	248.250	ug/l	100
16) Acetone	2.43	43	361505	301.969	ug/l	99
17) Carbon Disulfide	2.56	76	251119	47.959	ug/l	99
18) Methyl Acetate	2.76	43	134982	47.569	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	329826	52.011	ug/l	98
20) Methylene Chloride	2.84	84	106672	48.484	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	101517	51.578	ug/l	97
22) Diisopropyl ether	3.84	45	326202	52.056	ug/l #	89
23) Vinyl Acetate	3.80	43	1420147	262.522	ug/l	100
24) 1,1-Dichloroethane	3.68	63	183686	52.105	ug/l	99
25) 2-Butanone	4.65	43	446454	268.804	ug/l	98
26) 2,2-Dichloropropane	4.56	77	157337	53.074	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	116125	51.185	ug/l	99
28) Bromochloromethane	5.00	49	56824	53.971	ug/l	98
29) Tetrahydrofuran	5.11	42	249263	243.884	ug/l	99
30) Chloroform	5.20	83	185083	51.166	ug/l	97
31) Cyclohexane	5.56	56	171305	51.967	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	162334	52.965	ug/l	99
36) 1,1-Dichloropropene	5.79	75	139439	52.904	ug/l	99
37) Ethyl Acetate	4.81	43	148356	50.337	ug/l	99
38) Carbon Tetrachloride	5.77	117	137858	53.736	ug/l	95

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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)
39) Methylcyclohexane	7.45	83	179218	56.069	ug/l	97
40) Benzene	6.13	78	415803	53.413	ug/l	98
41) Methacrylonitrile	5.02	41	82139	50.720	ug/l	99
42) 1,2-Dichloroethane	6.18	62	148095	53.017	ug/l	99
43) Isopropyl Acetate	6.43	43	245585	51.916	ug/l	100
44) Trichloroethene	7.20	130	108885	50.440	ug/l	94
45) 1,2-Dichloropropane	7.50	63	105839	53.345	ug/l	98
46) Dibromomethane	7.65	93	70105	53.034	ug/l	99
47) Bromodichloromethane	7.89	83	141092	54.694	ug/l	97
48) Methyl methacrylate	7.76	41	118827	51.548	ug/l	99
49) 1,4-Dioxane	7.73	88	59507	963.287	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	758164	257.066	ug/l	100
52) Toluene	8.78	92	264011	53.012	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	159426	49.542	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	173721	54.754	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	105281	53.418	ug/l	98
56) Ethyl methacrylate	9.17	69	171457	48.633	ug/l	100
57) 1,3-Dichloropropane	9.36	76	177479	52.057	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	377596	260.795	ug/l	100
59) 2-Hexanone	9.48	43	623850	271.731	ug/l	99
60) Dibromochloromethane	9.57	129	106768	48.729	ug/l	100
61) 1,2-Dibromoethane	9.67	107	109925	53.020	ug/l	99
64) Tetrachloroethene	9.33	164	100685	53.222	ug/l	95
65) Chlorobenzene	10.13	112	277448	51.224	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	99865	53.177	ug/l	98
67) Ethyl Benzene	10.25	91	511602	53.176	ug/l	98
68) m/p-Xylenes	10.36	106	389348	108.326	ug/l	99
69) o-Xylene	10.70	106	187178	53.403	ug/l	99
70) Styrene	10.71	104	323616	54.311	ug/l	100
71) Bromoform	10.85	173	72617	45.679	ug/l #	100
73) Isopropylbenzene	11.01	105	505037	53.891	ug/l	100
74) N-amyl acetate	10.89	43	215139	53.304	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	161348	51.765	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	189358	66.978	ug/l	77
77) Bromobenzene	11.25	156	116715	52.851	ug/l	95
78) n-propylbenzene	11.35	91	576622	55.917	ug/l	98
79) 2-Chlorotoluene	11.42	91	343286	52.970	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	423496	54.120	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	52758	48.151	ug/l	99
82) 4-Chlorotoluene	11.51	91	406810	54.765	ug/l	99
83) tert-Butylbenzene	11.76	119	406520	53.255	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	435413	54.941	ug/l	99
85) sec-Butylbenzene	11.94	105	485174	54.861	ug/l	99
86) p-Isopropyltoluene	12.06	119	450236	54.894	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	216640	52.827	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	213321	51.362	ug/l	99
89) n-Butylbenzene	12.38	91	397321	57.638	ug/l	100
90) Hexachloroethane	12.59	117	75185	49.514	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	211479	52.602	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	39474	54.032	ug/l	95

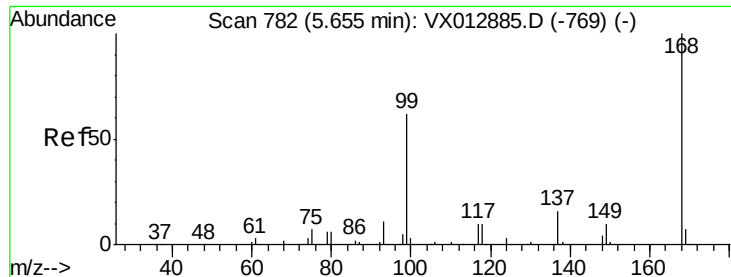
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Quant Title : SW846 8260
QLast Update : Wed Oct 09 01:51:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	135968	53.988	ug/l	98
94) Hexachlorobutadiene	13.78	225	64209	55.244	ug/l	99
95) Naphthalene	13.83	128	460176	52.710	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	137078	52.670	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX012982.D

Acq: 10 Oct 2019 09:31

Instrument :

MSVOA_X

ClientSampleId :

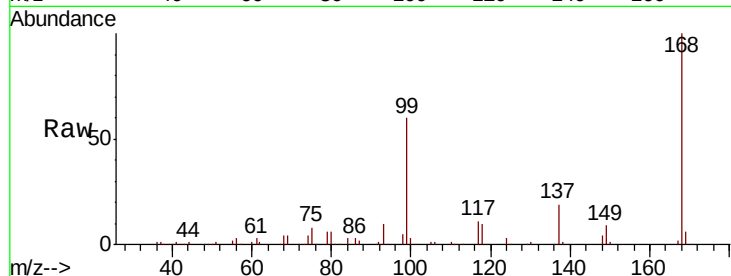
VSTDCCC050

Tot Ion:168 Resp: 181716

Ion Ratio Lower Upper

168 100

99 60.0 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): VX012885.D (-769) (-)

Ion 98.90 (98.60 to 99.60): VX012885.D (-769) (-)

5.65

60000

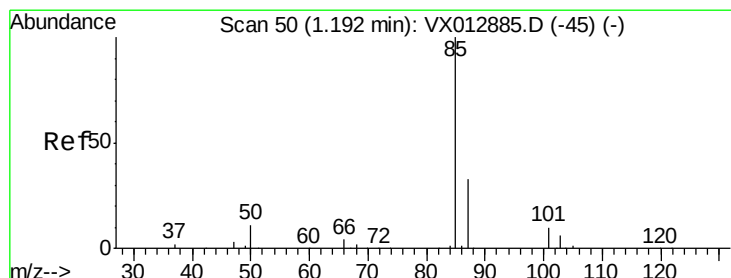
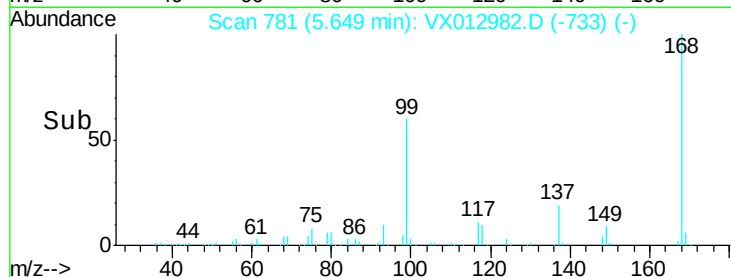
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 54.039 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX012982.D

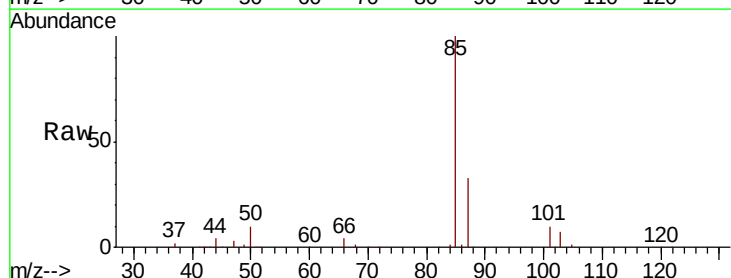
Acq: 10 Oct 2019 09:31

Tgt Ion: 85 Resp: 100094

Ion Ratio Lower Upper

85 100

87 33.3 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VX012885.D (-45) (-)

Ion 86.90 (86.60 to 87.60): VX012885.D (-45) (-)

1.19

100000

80000

60000

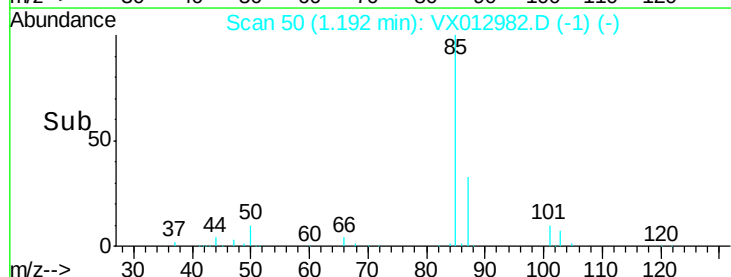
40000

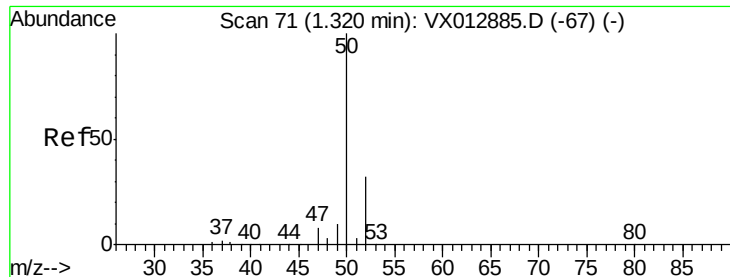
20000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 51.020 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012982.D

Acq: 10 Oct 2019 09:31

Instrument :

MSVOA_X

ClientSampleId :

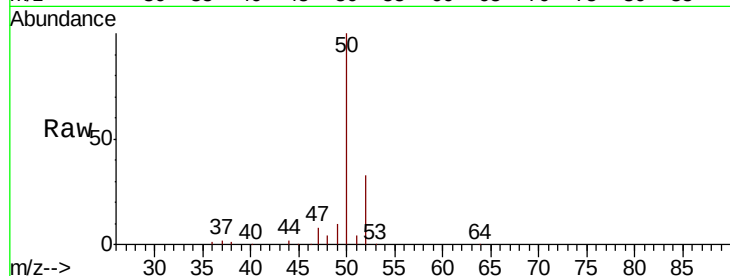
VSTDCCC050

Tot Ion: 50 Resp: 102849

Ion Ratio Lower Upper

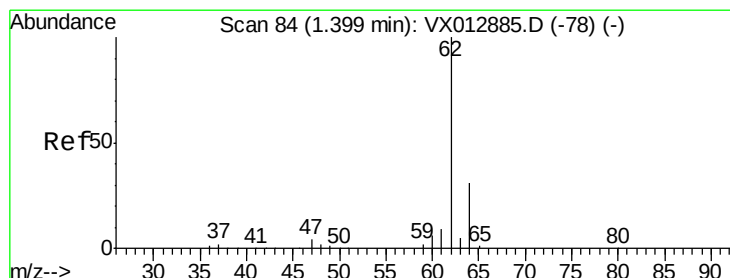
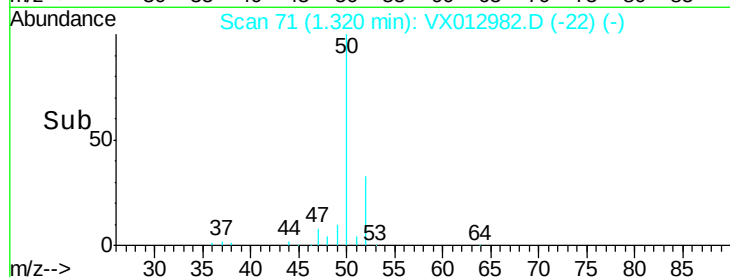
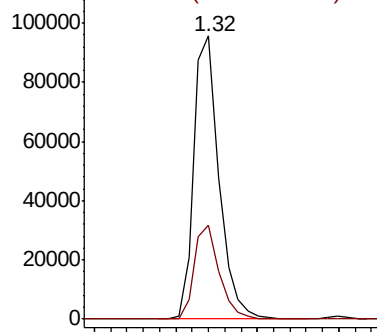
50 100

52 33.3 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: 50.339 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012982.D

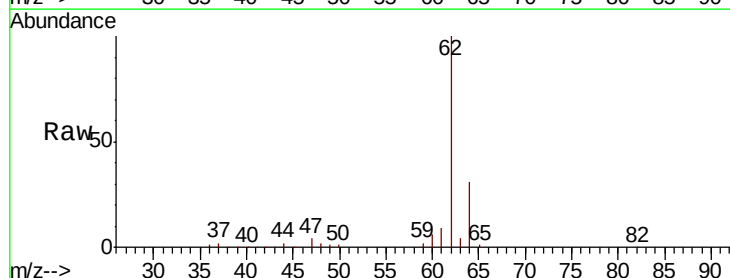
Acq: 10 Oct 2019 09:31

Tgt Ion: 62 Resp: 104738

Ion Ratio Lower Upper

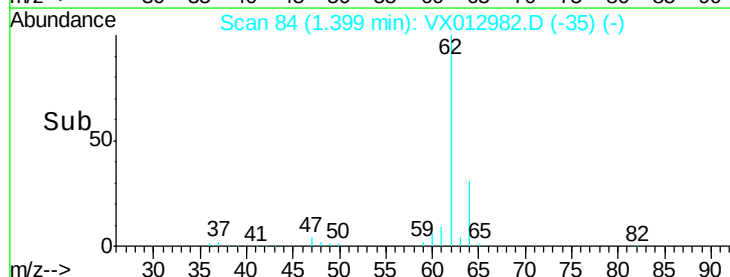
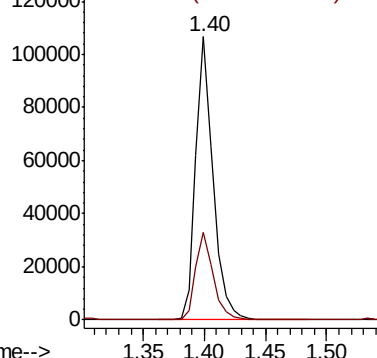
62 100

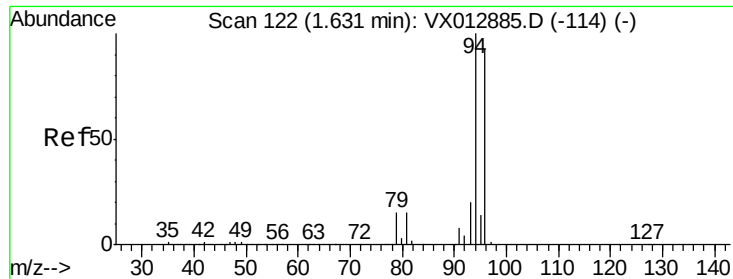
64 30.9 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 46.389 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX012982.D

Acq: 10 Oct 2019 09:31

Instrument :

MSVOA_X

ClientSampleId :

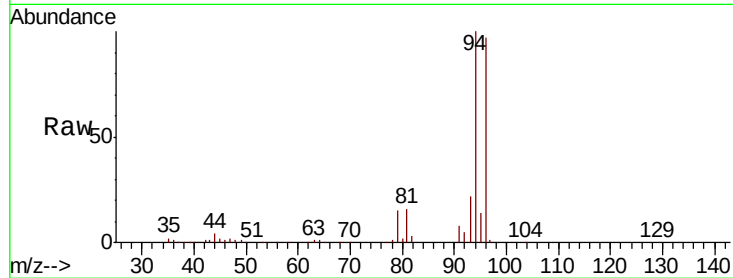
VSTDCCC050

Tot Ion: 94 Resp: 40122

Ion Ratio Lower Upper

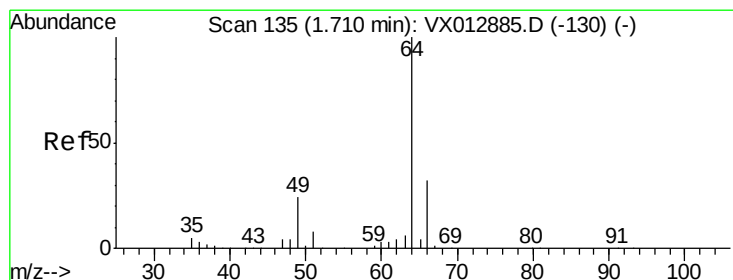
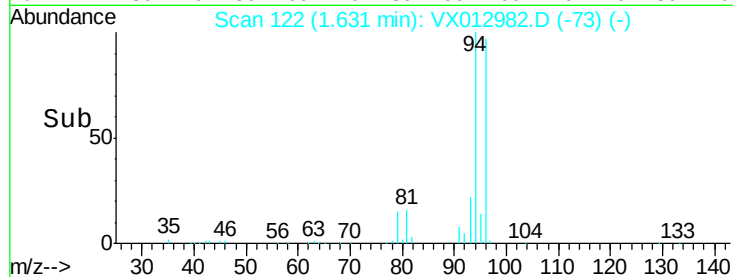
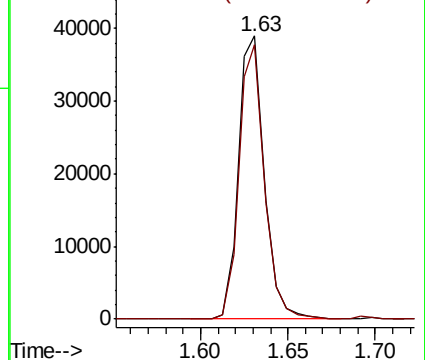
94 100

96 96.9 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: 52.137 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX012982.D

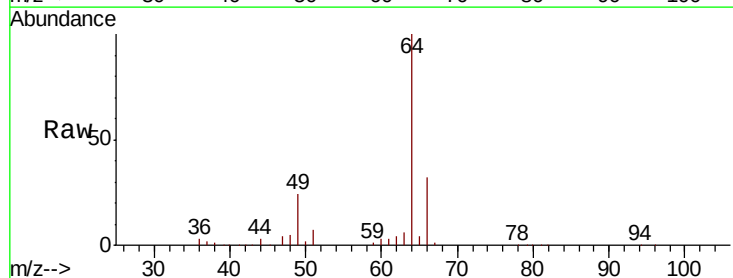
Acq: 10 Oct 2019 09:31

Tgt Ion: 64 Resp: 66283

Ion Ratio Lower Upper

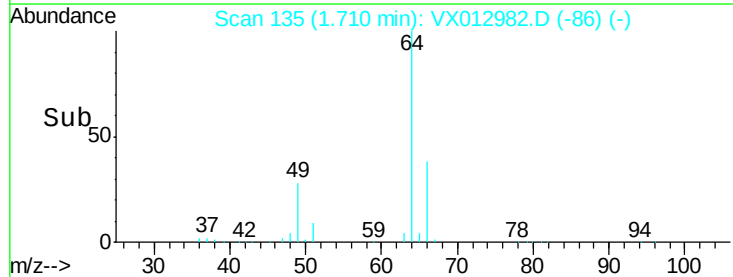
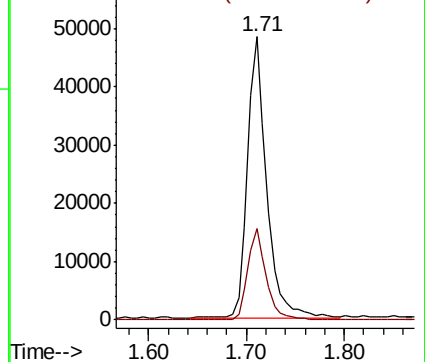
64 100

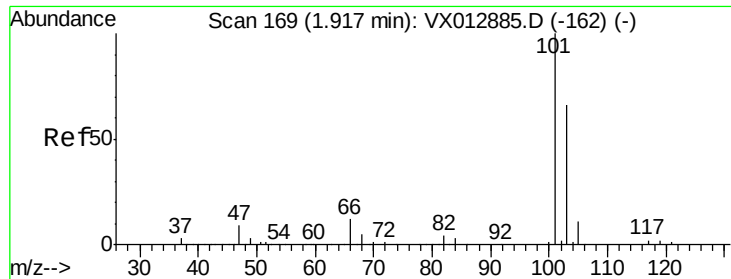
66 32.2 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



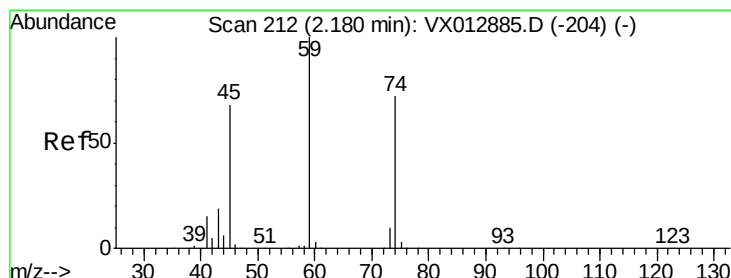
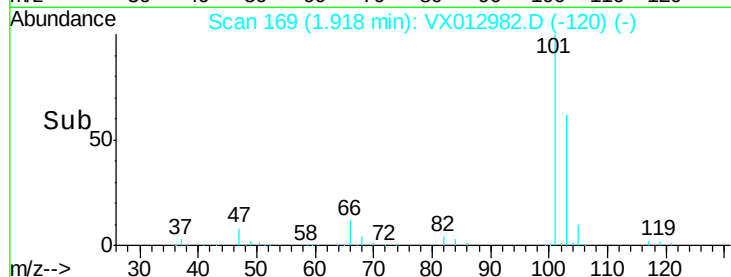
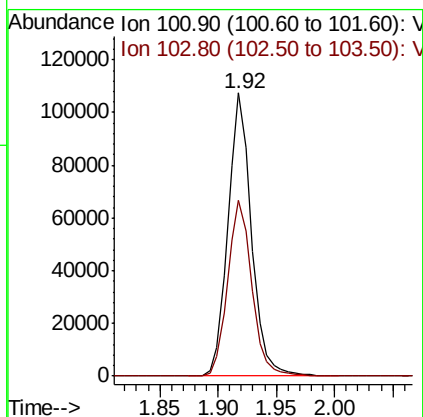
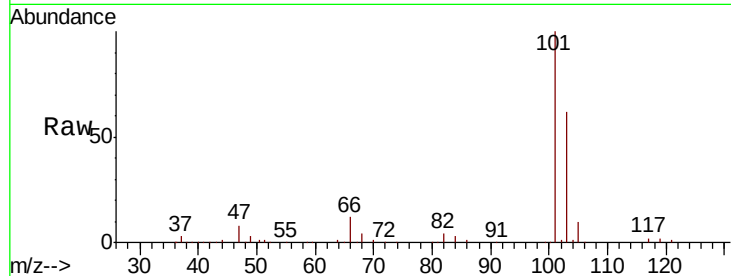


#7

Trichlorofluoromethane
Concen: 53.599 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX012982.D
Acq: 10 Oct 2019 09:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

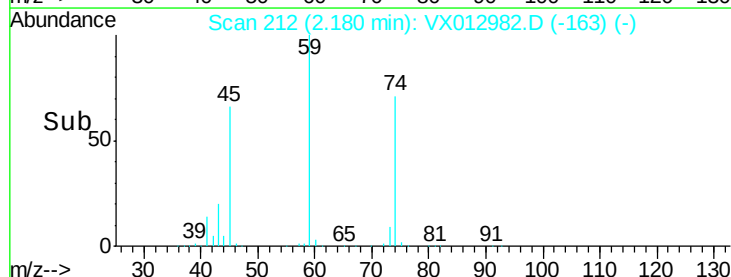
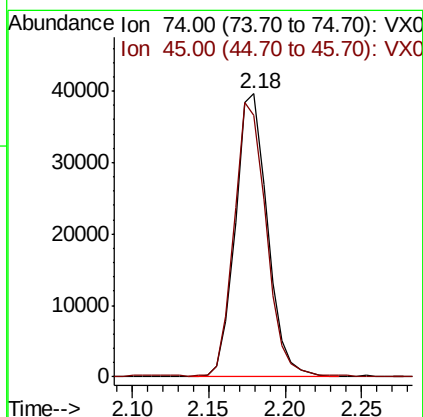
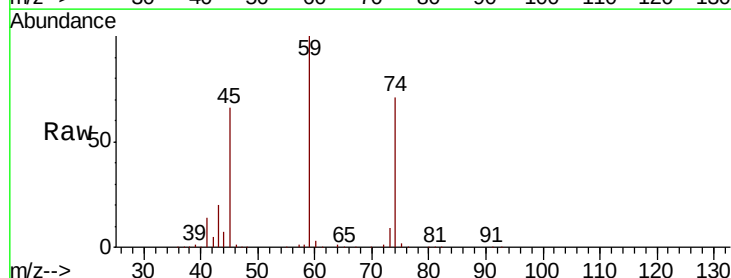
Tot Ion:101 Resp: 150522
Ion Ratio Lower Upper
101 100
103 62.4 52.5 78.7

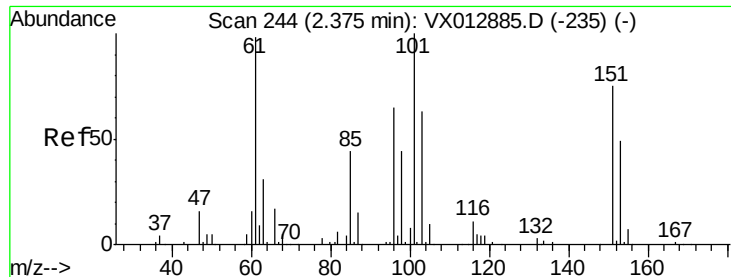


#8

Diethyl Ether
Concen: 51.164 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX012982.D
Acq: 10 Oct 2019 09:31

Tgt Ion: 74 Resp: 57996
Ion Ratio Lower Upper
74 100
45 97.5 47.8 143.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.198 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX012982.D

Acq: 10 Oct 2019 09:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

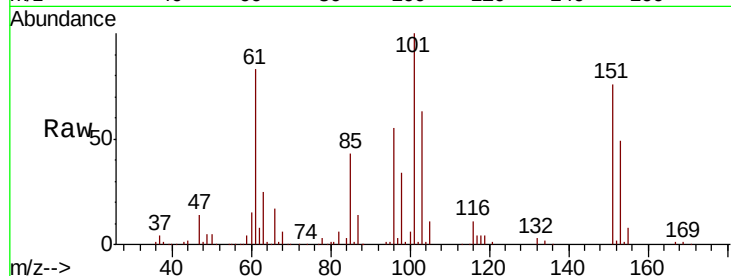
Tot Ion:101 Resp: 91236

Ion Ratio Lower Upper

101 100

85 43.6 35.2 52.8

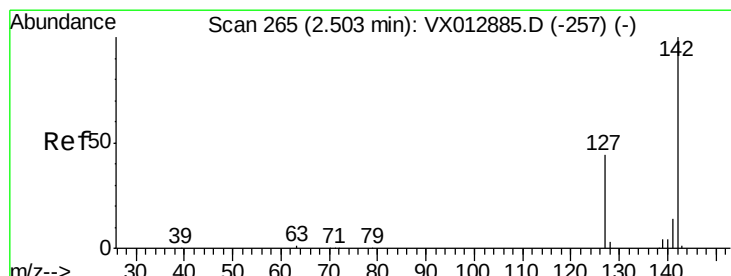
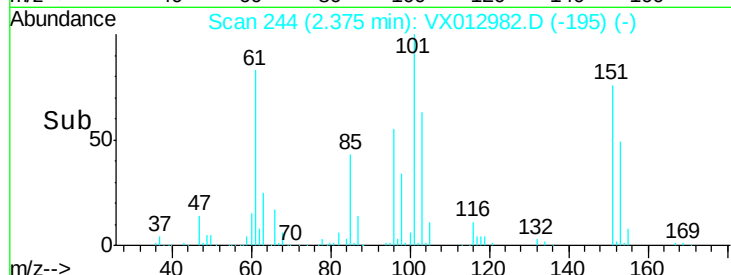
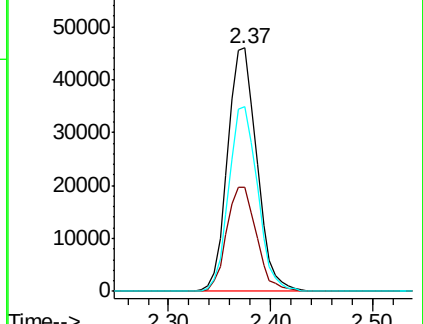
151 74.8 60.3 90.5



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: 48.793 ug/l

RT: 2.50 min Scan# 264

Delta R.T. -0.01 min

Lab File: VX012982.D

Acq: 10 Oct 2019 09:31

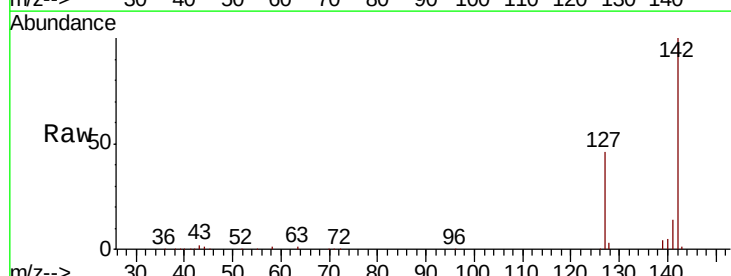
Tgt Ion:142 Resp: 100186

Ion Ratio Lower Upper

142 100

127 45.0 34.9 52.3

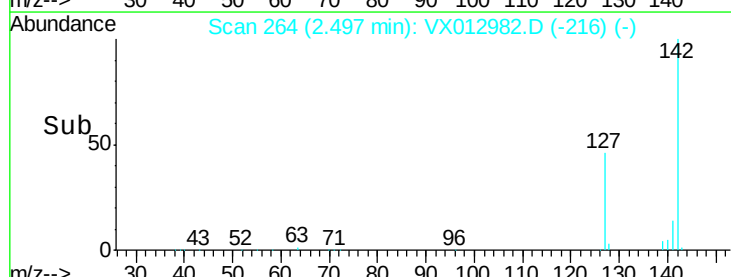
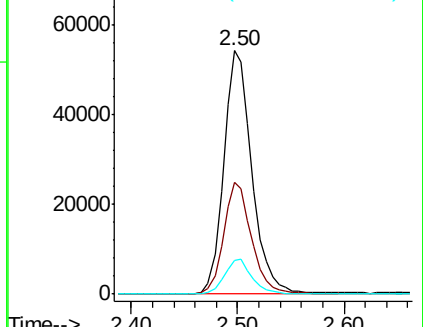
141 14.1 11.6 17.4

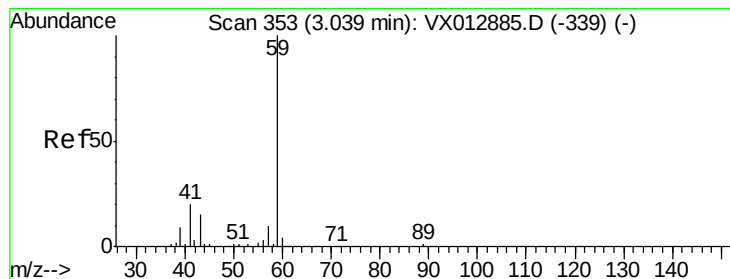


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 217.059 ug/l

RT: 3.03 min Scan# 352

Delta R.T. -0.01 min

Lab File: VX012982.D

Acq: 10 Oct 2019 09:31

Instrument :

MSVOA_X

ClientSampleId :

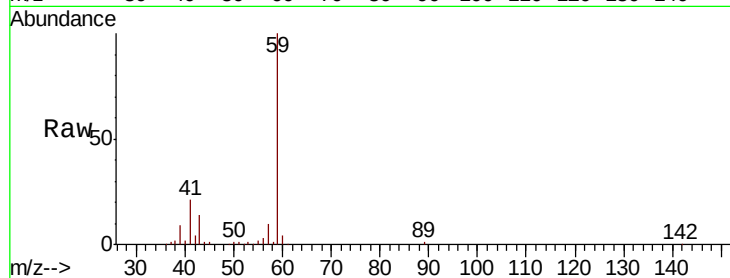
VSTDCCC050

Tot Ion: 59 Resp: 130687

Ion Ratio Lower Upper

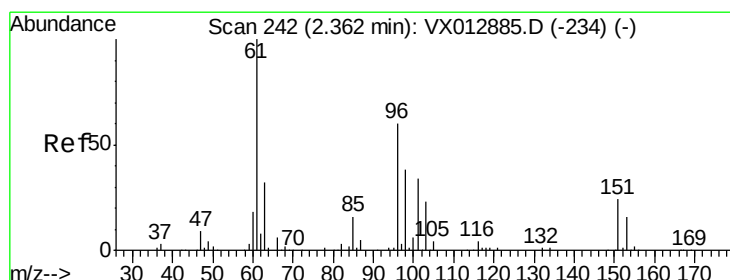
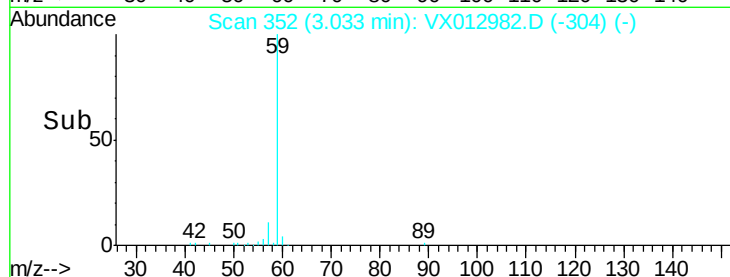
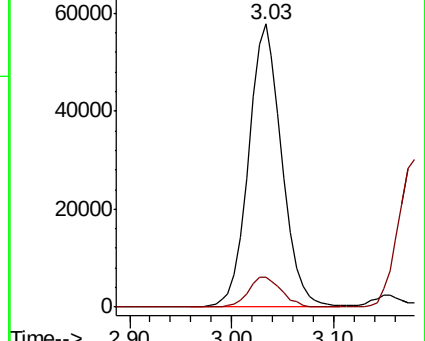
59 100

57 10.7 8.3 12.5



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#12

1,1-Dichloroethene

Concen: 46.824 ug/l

RT: 2.36 min Scan# 242

Delta R.T. 0.00 min

Lab File: VX012982.D

Acq: 10 Oct 2019 09:31

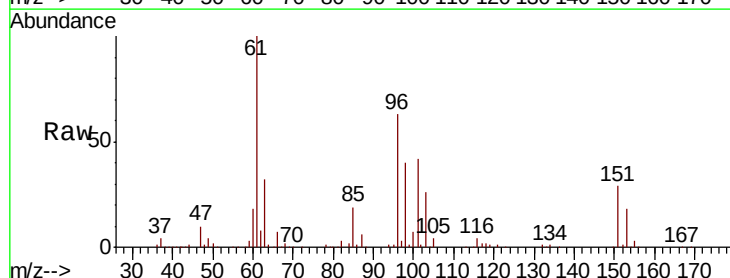
Tgt Ion: 96 Resp: 85984

Ion Ratio Lower Upper

96 100

61 159.1 132.2 198.4

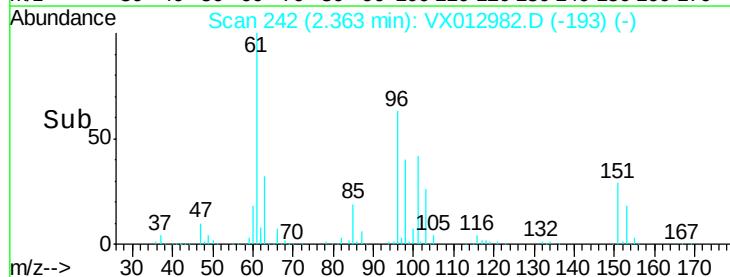
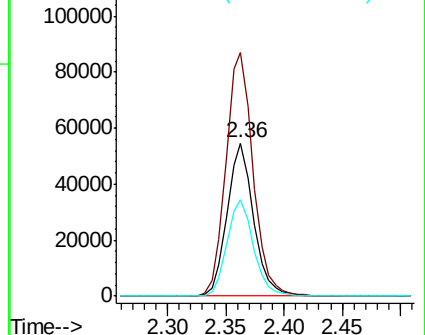
98 63.0 50.5 75.7

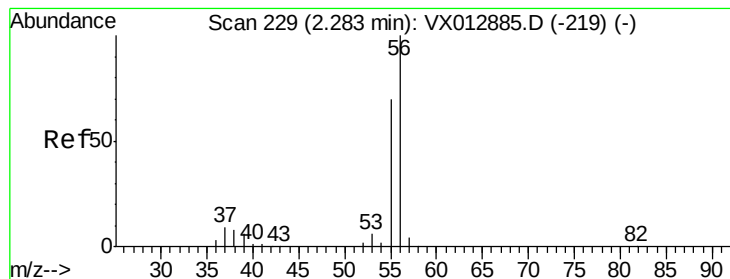


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#13

Acrolein

Concen: 192.756 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012982.D

Acq: 10 Oct 2019 09:31

Instrument :

MSVOA_X

ClientSampleId :

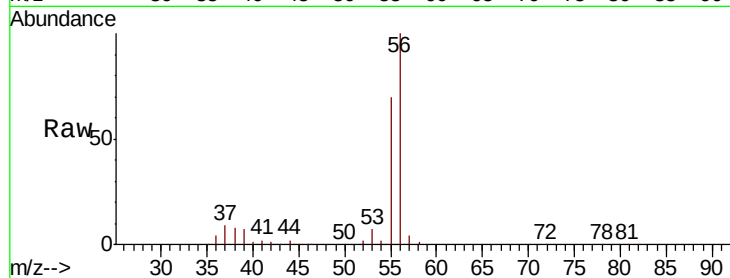
VSTDCCC050

Tot Ion: 56 Resp: 82475

Ion Ratio Lower Upper

56 100

55 71.0 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.28

60000

50000

40000

30000

20000

10000

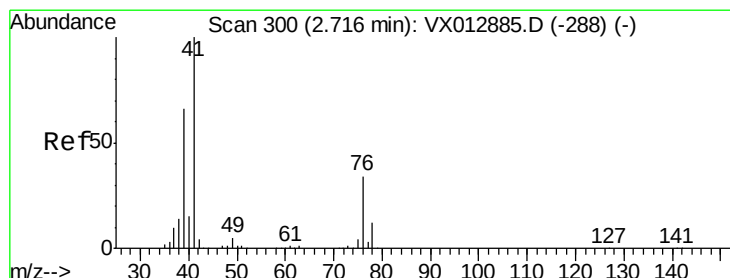
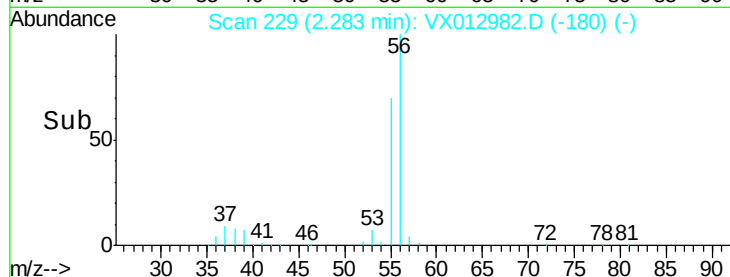
0

Time-->

2.20

2.30

2.40



#14

Allyl chloride

Concen: 51.252 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX012982.D

Acq: 10 Oct 2019 09:31

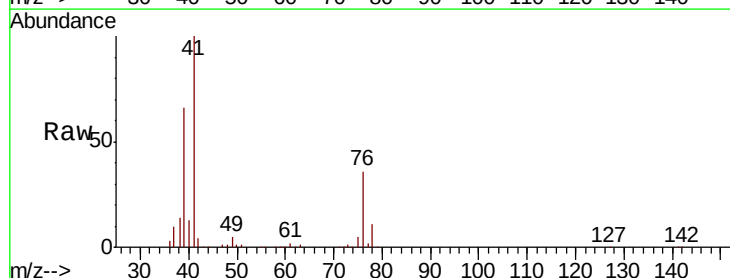
Tgt Ion: 41 Resp: 167606

Ion Ratio Lower Upper

41 100

39 62.4 51.0 76.6

76 33.4 26.2 39.4



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

120000

100000

80000

60000

40000

20000

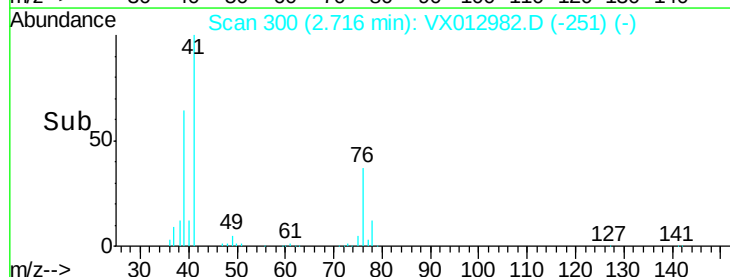
0

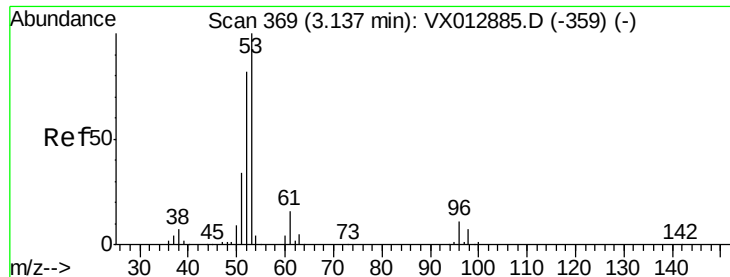
Time-->

2.60

2.70

2.80





#15

Acrylonitrile

Concen: 248.250 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.01 min

Lab File: VX012982.D

Acq: 10 Oct 2019 09:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

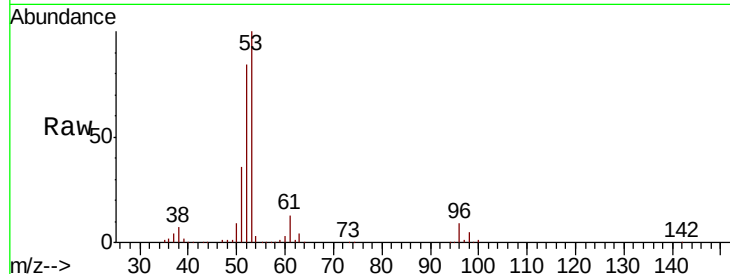
Tot Ion: 53 Resp: 283249

Ion Ratio Lower Upper

53 100

52 82.6 66.2 99.2

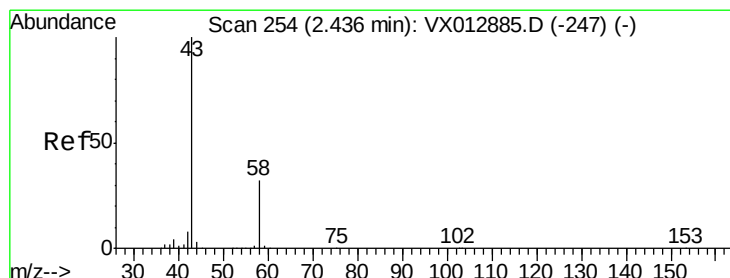
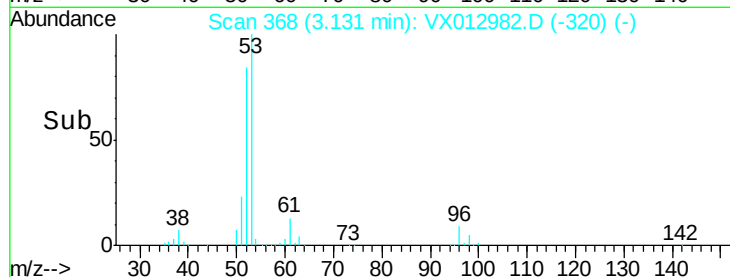
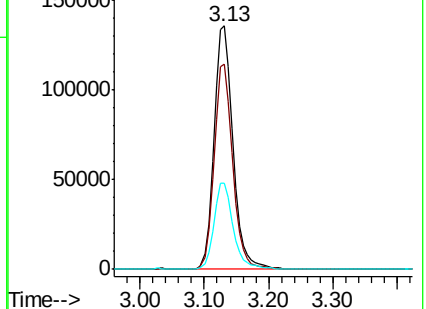
51 36.0 28.2 42.4



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: 301.969 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX012982.D

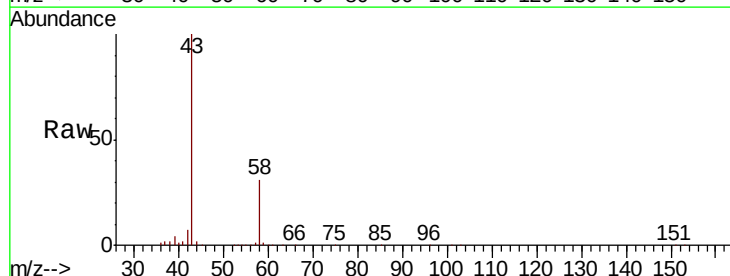
Acq: 10 Oct 2019 09:31

Tgt Ion: 43 Resp: 361505

Ion Ratio Lower Upper

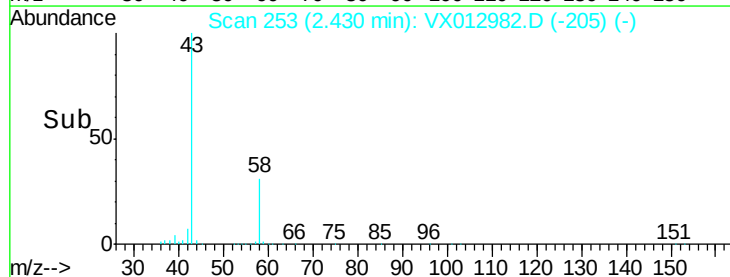
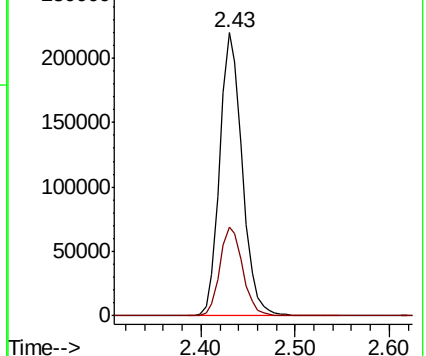
43 100

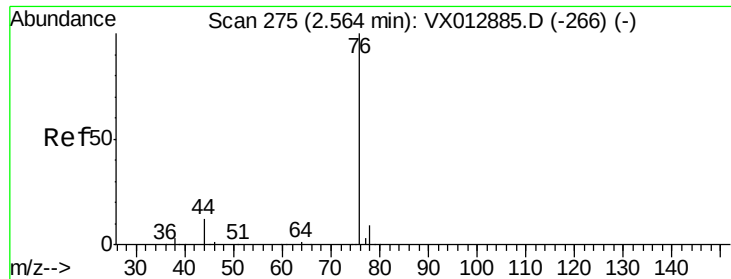
58 31.4 25.4 38.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 47.959 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.01 min

Lab File: VX012982.D

Acq: 10 Oct 2019 09:31

Instrument :

MSVOA_X

ClientSampleId :

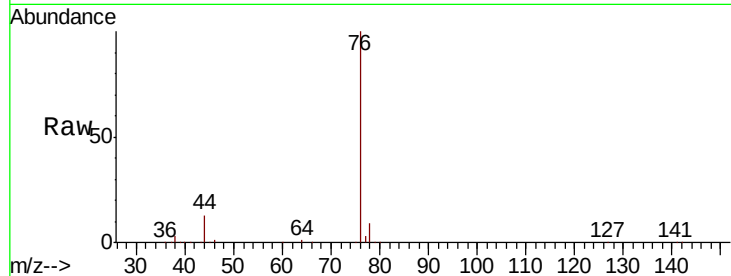
VSTDCCC050

Tot Ion: 76 Resp: 251119

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

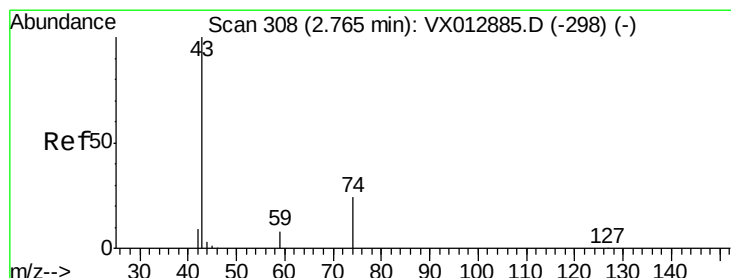
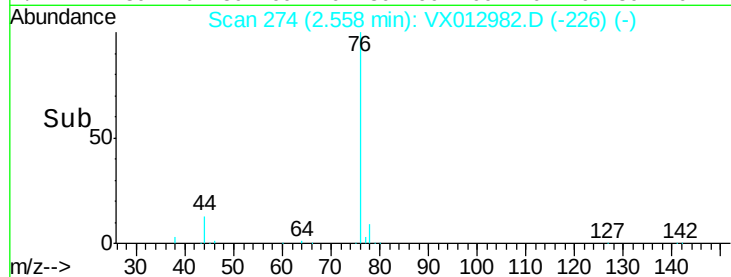
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 47.569 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX012982.D

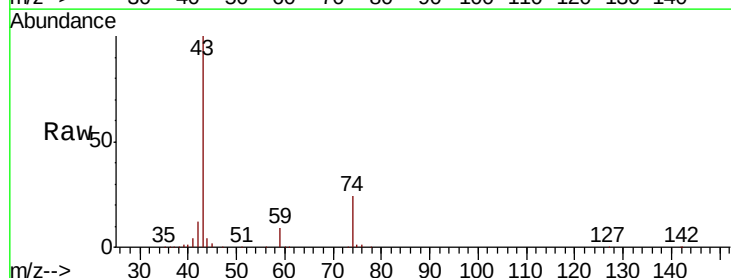
Acq: 10 Oct 2019 09:31

Tgt Ion: 43 Resp: 134982

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

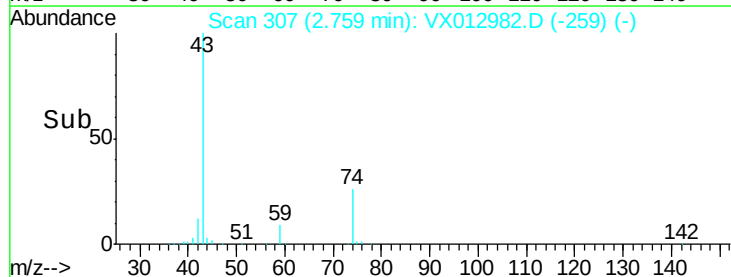
60000

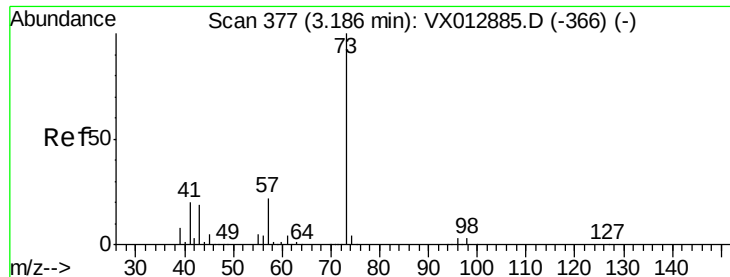
40000

20000

0

Time-->



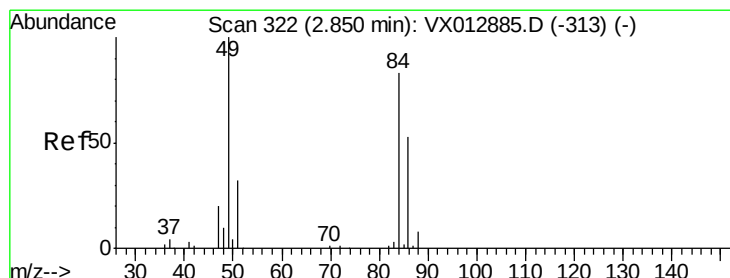
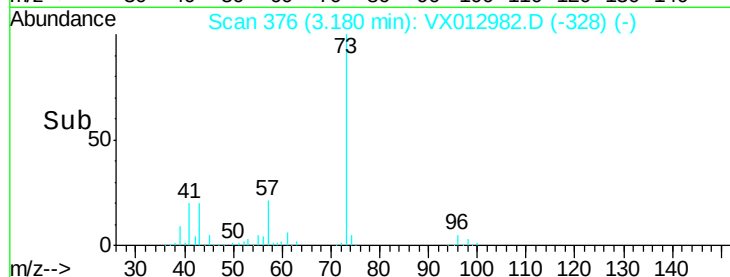
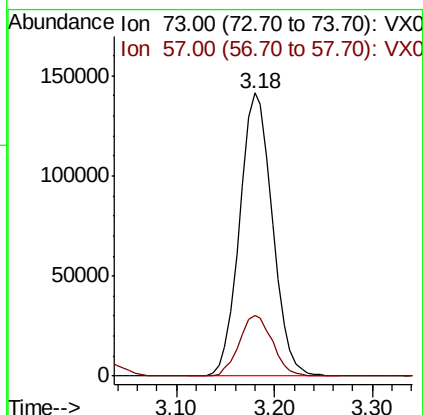
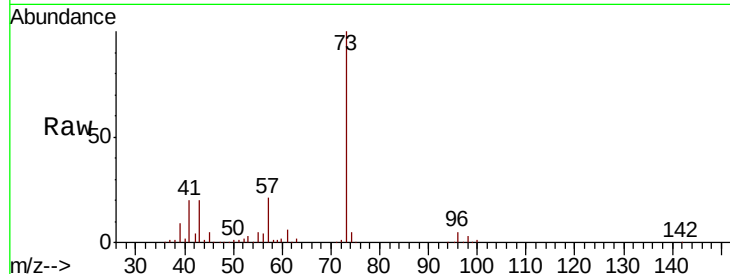


#19

Methyl tert-butyl Ether
 Concen: 52.011 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX012982.D
 Acq: 10 Oct 2019 09:31

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

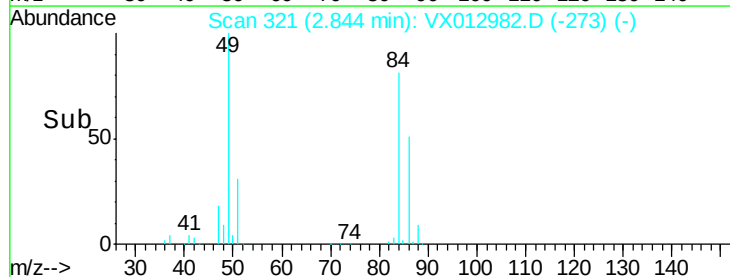
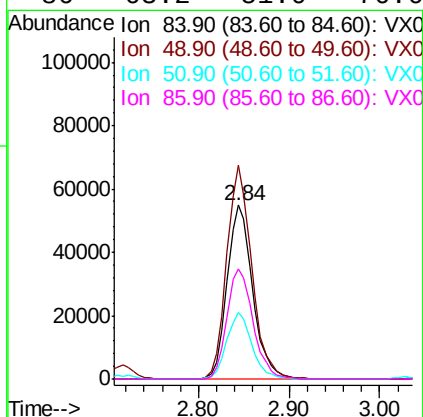
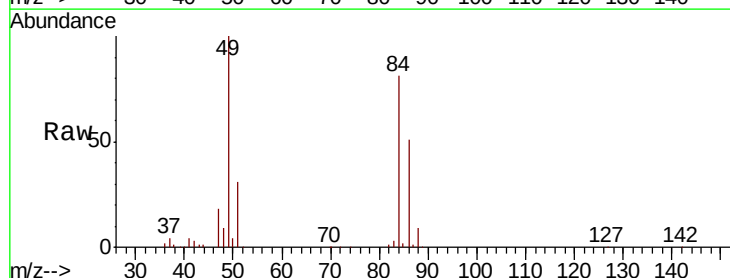
Tot Ion: 73 Resp: 329826
 Ion Ratio Lower Upper
 73 100
 57 21.4 17.8 26.6

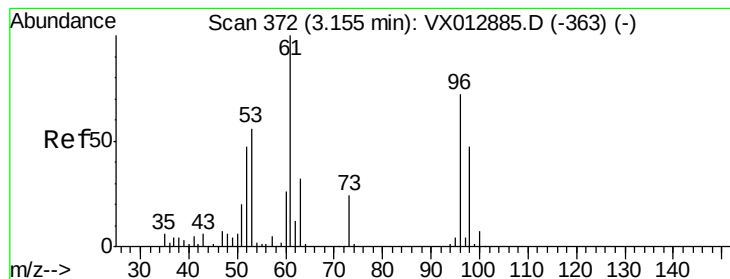


#20

Methylene Chloride
 Concen: 48.484 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VX012982.D
 Acq: 10 Oct 2019 09:31

Tgt Ion: 84 Resp: 106672
 Ion Ratio Lower Upper
 84 100
 49 122.8 96.6 144.8
 51 38.2 30.7 46.1
 86 63.2 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 51.578 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.01 min

Lab File: VX012982.D

Acq: 10 Oct 2019 09:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

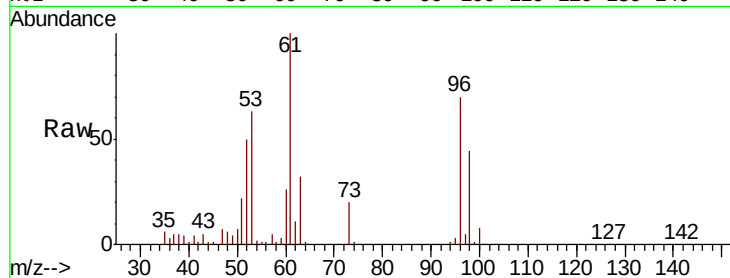
Tot Ion: 96 Resp: 101517

Ion Ratio Lower Upper

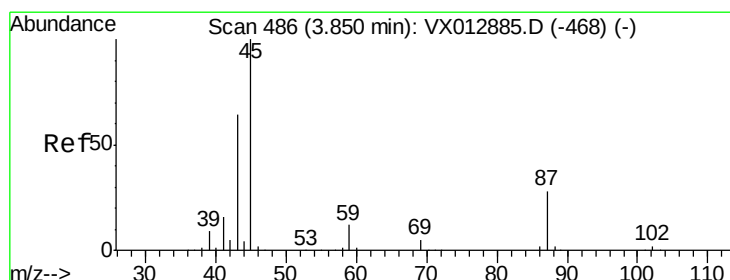
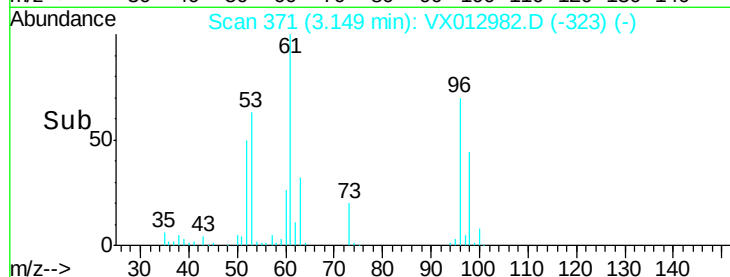
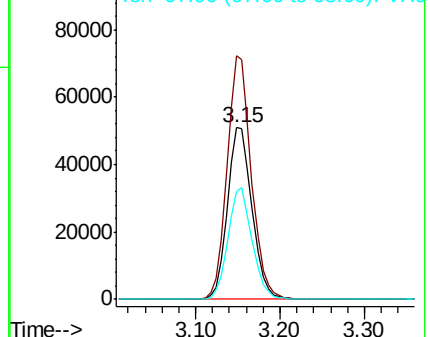
96 100

61 141.9 110.4 165.6

98 63.0 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: 52.056 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX012982.D

Acq: 10 Oct 2019 09:31

Tgt Ion: 45 Resp: 326202

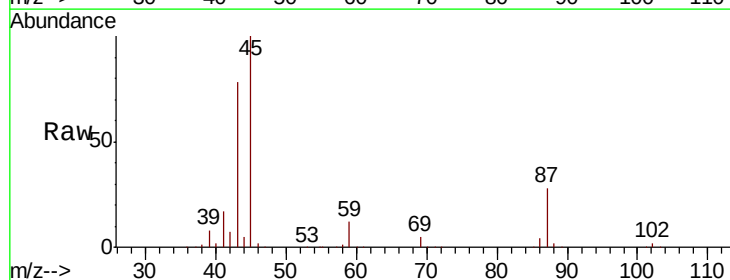
Ion Ratio Lower Upper

45 100

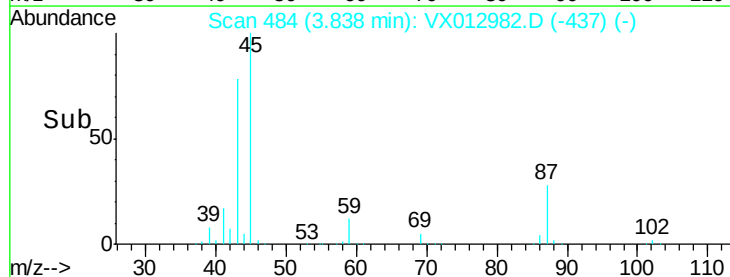
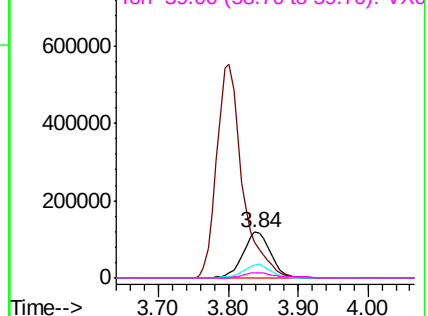
43 77.9 51.4 77.0#

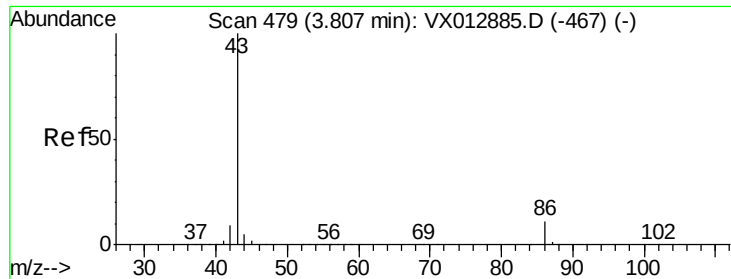
87 28.4 22.5 33.7

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: 262.522 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX012982.D

Acq: 10 Oct 2019 09:31

Instrument :

MSVOA_X

ClientSampleId :

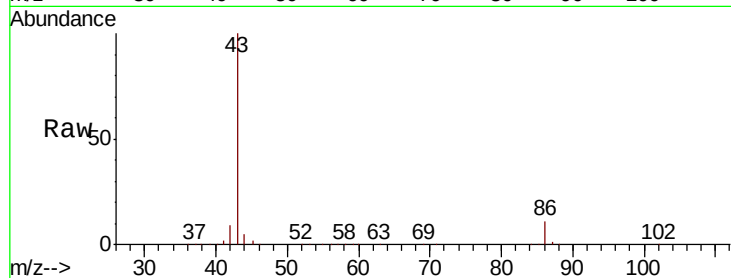
VSTDCCC050

Tot Ion: 43 Resp: 1420147

Ion Ratio Lower Upper

43 100

86 11.2 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.80

600000

500000

400000

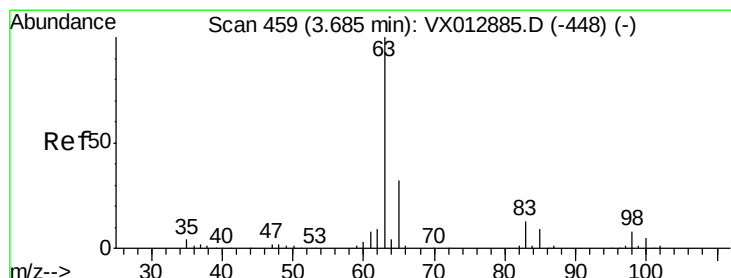
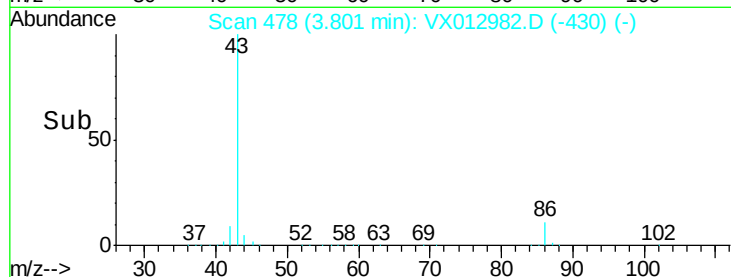
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 52.105 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX012982.D

Acq: 10 Oct 2019 09:31

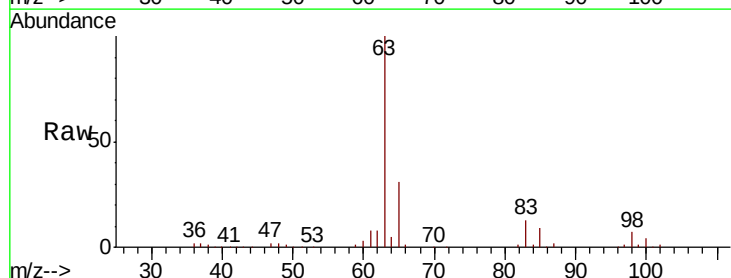
Tgt Ion: 63 Resp: 183686

Ion Ratio Lower Upper

63 100

98 7.2 3.9 11.5

100 4.3 2.3 6.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

100000

80000

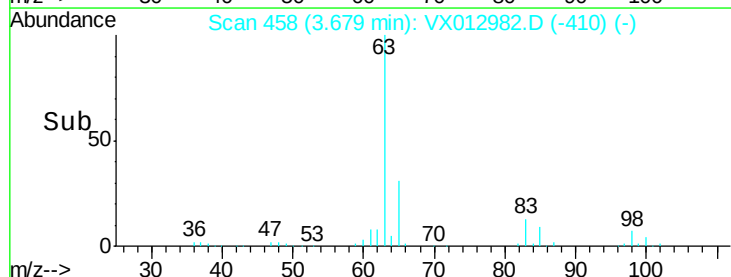
60000

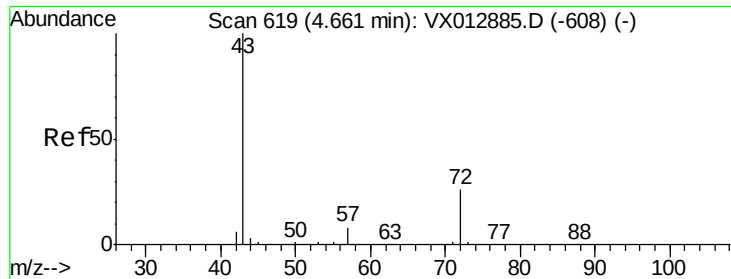
40000

20000

0

Time-->





#25

2-Butanone

Concen: 268.804 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX012982.D

Acq: 10 Oct 2019 09:31

Instrument :

MSVOA_X

ClientSampleId :

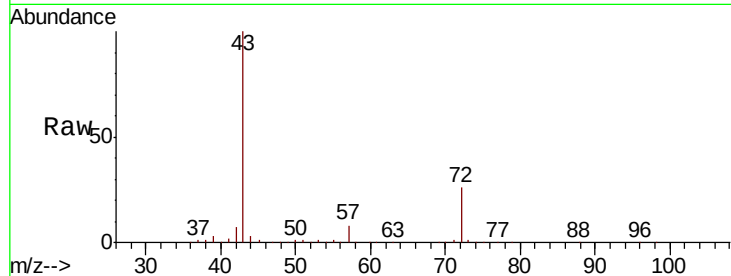
VSTDCCC050

Tot Ion: 43 Resp: 446454

Ion Ratio Lower Upper

43 100

72 25.4 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.65

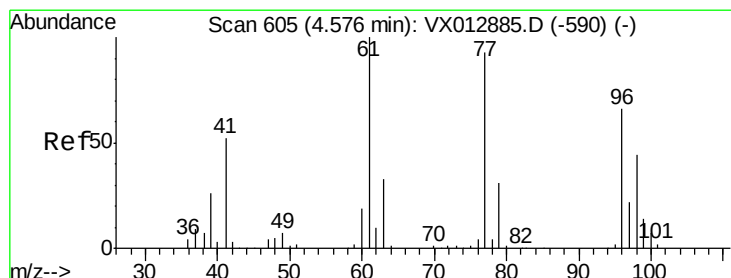
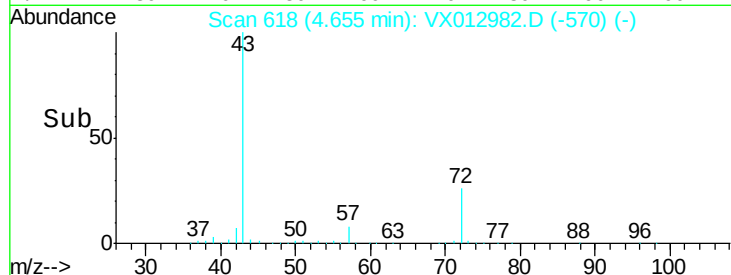
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 53.074 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX012982.D

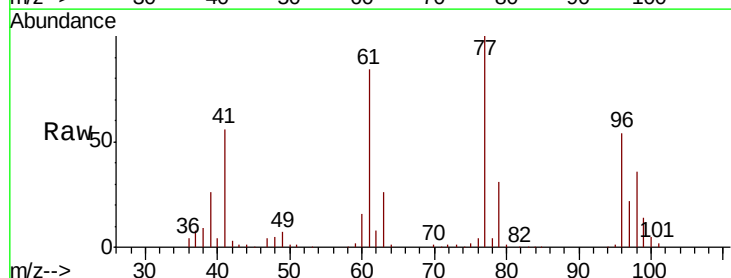
Acq: 10 Oct 2019 09:31

Tgt Ion: 77 Resp: 157337

Ion Ratio Lower Upper

77 100

97 22.4 11.3 33.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.56

60000

50000

40000

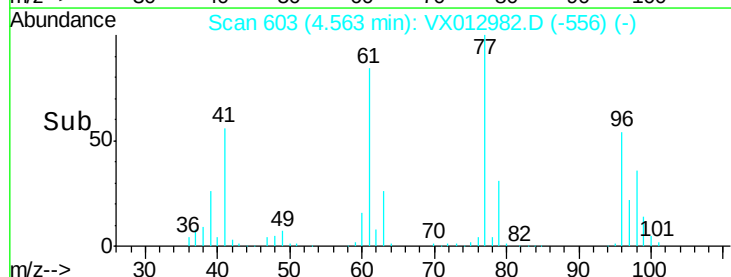
30000

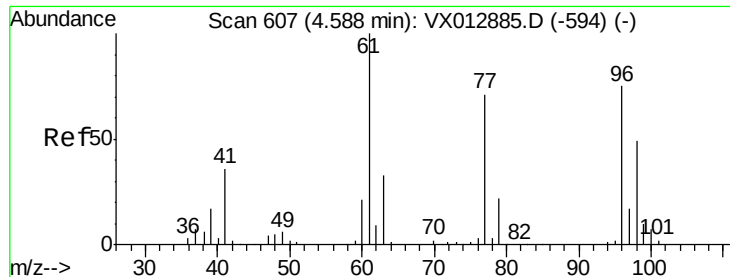
20000

10000

0

Time-->



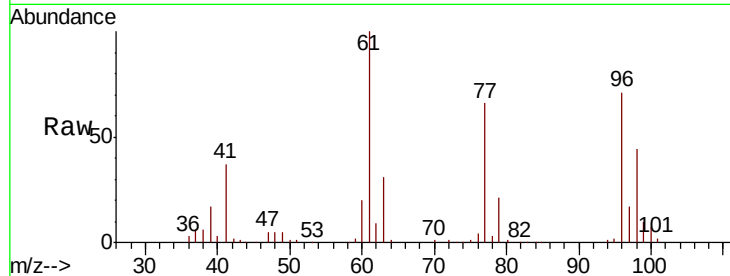


#27

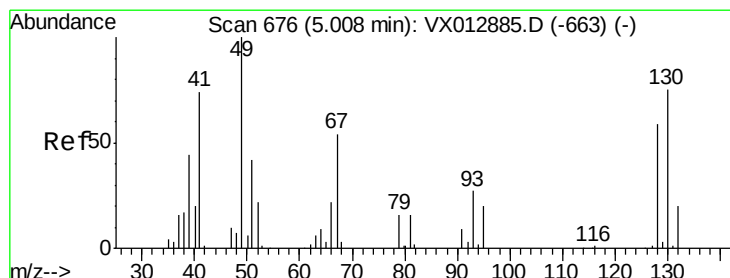
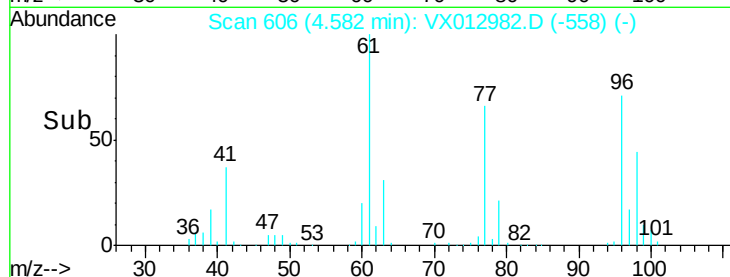
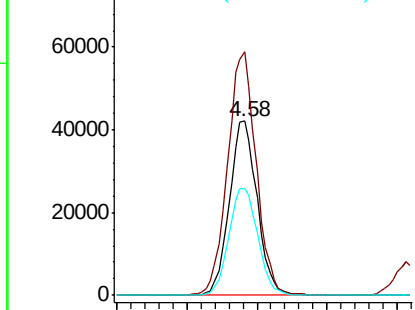
cis-1,2-Dichloroethene
Concen: 51.185 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX012982.D
Acq: 10 Oct 2019 09:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 96 Resp: 116125
Ion Ratio Lower Upper
96 100
61 143.8 0.0 290.6
98 63.9 0.0 128.8



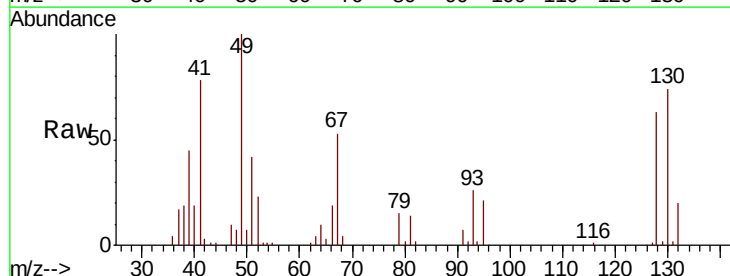
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



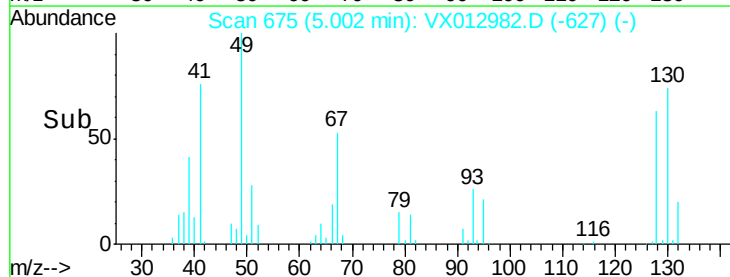
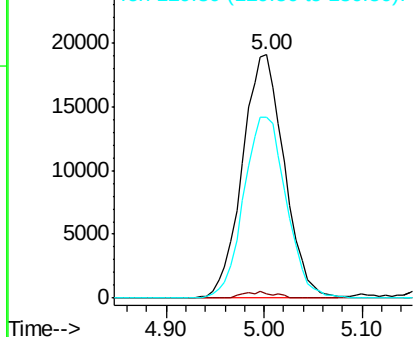
#28

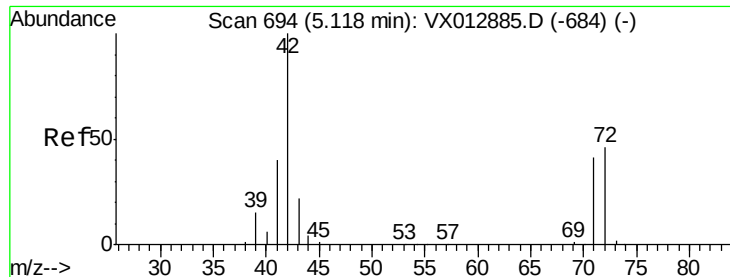
Bromochloromethane
Concen: 53.971 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX012982.D
Acq: 10 Oct 2019 09:31

Tgt Ion: 49 Resp: 56824
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.2
130 75.8 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

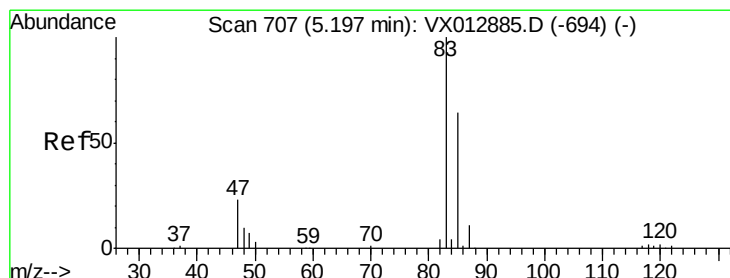
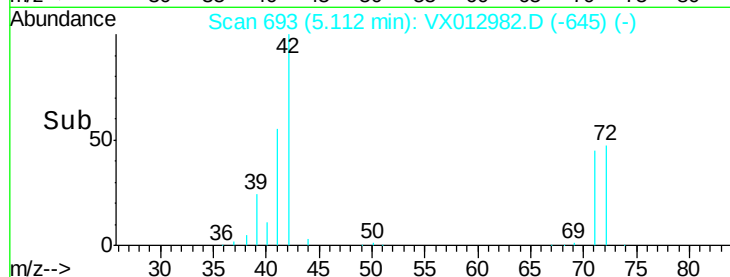
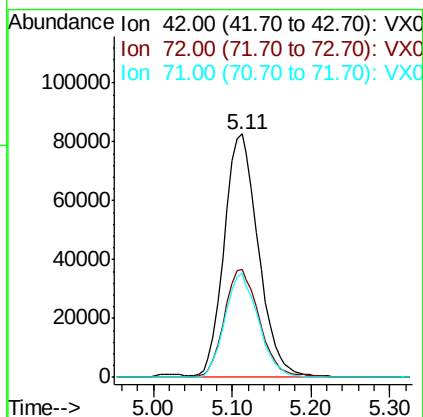
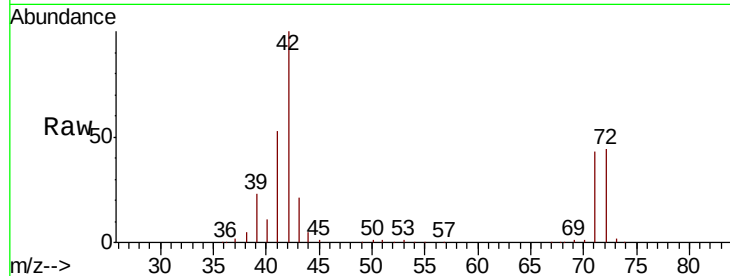




#29
Tetrahydrofuran
Concen: 243.884 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX012982.D
Acq: 10 Oct 2019 09:31

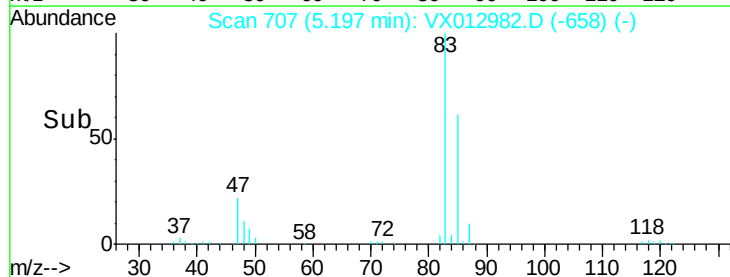
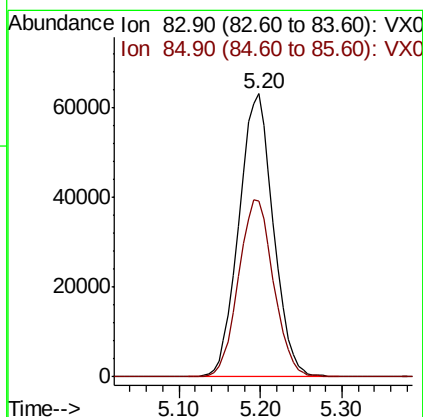
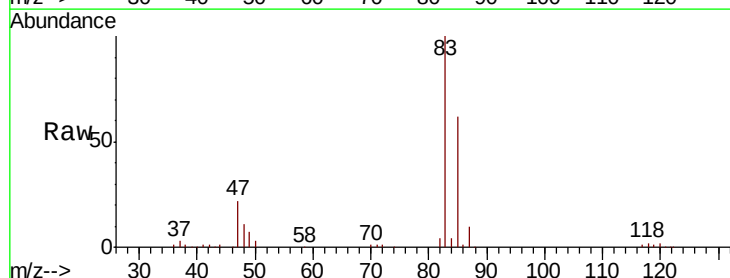
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

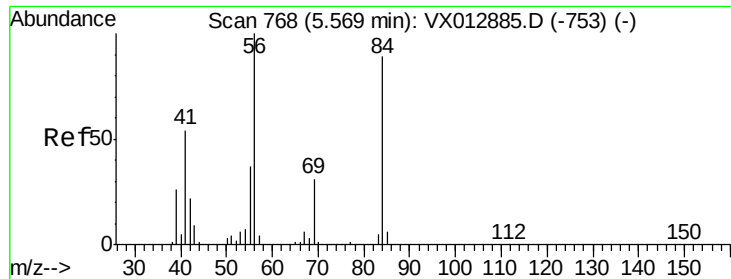
Tot Ion: 42 Resp: 249263
Ion Ratio Lower Upper
42 100
72 45.8 36.9 55.3
71 42.3 33.5 50.3



#30
Chloroform
Concen: 51.166 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX012982.D
Acq: 10 Oct 2019 09:31

Tgt Ion: 83 Resp: 185083
Ion Ratio Lower Upper
83 100
85 62.0 51.5 77.3

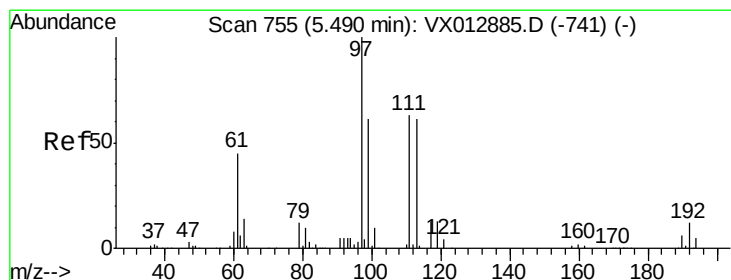
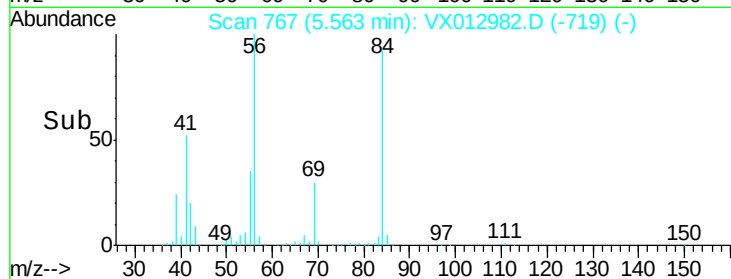
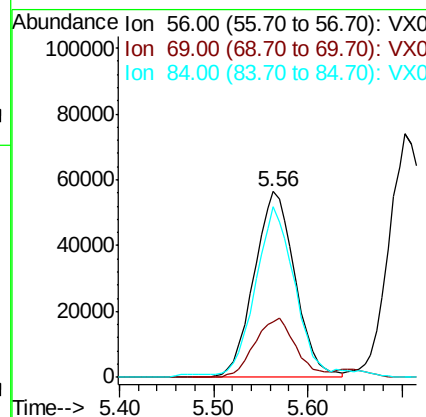
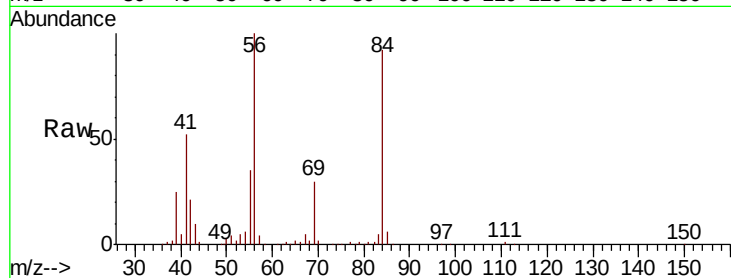




#31
Cyclohexane
Concen: 51.967 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX012982.D
Acq: 10 Oct 2019 09:31

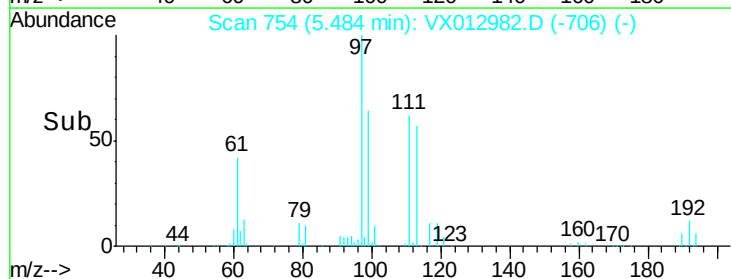
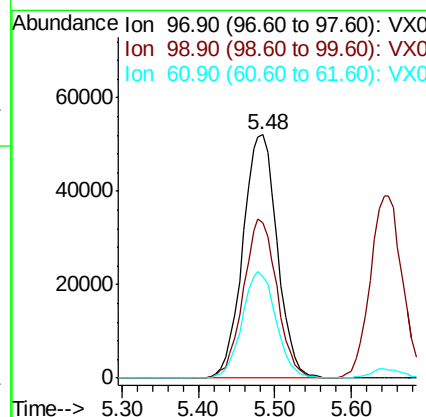
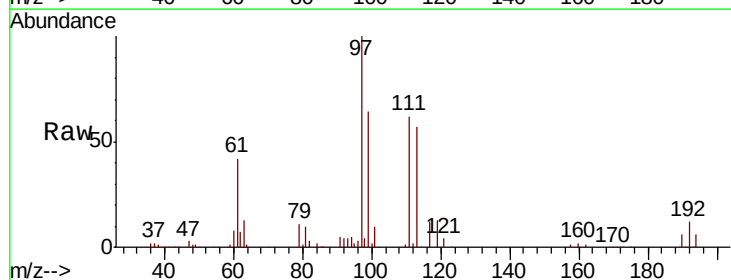
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

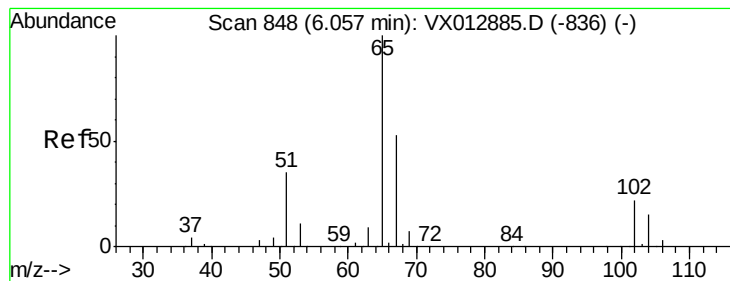
Tot Ion: 56 Resp: 171305
Ion Ratio Lower Upper
56 100
69 29.6 25.2 37.8
84 89.9 71.3 106.9



#32
1,1,1-Trichloroethane
Concen: 52.965 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX012982.D
Acq: 10 Oct 2019 09:31

Tgt Ion: 97 Resp: 162334
Ion Ratio Lower Upper
97 100
99 63.9 52.3 78.5
61 43.4 35.0 52.4





#33

1,2-Dichloroethane-d4

Concen: 48.329 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX012982.D

Acq: 10 Oct 2019 09:31

Instrument :

MSVOA_X

ClientSampleId :

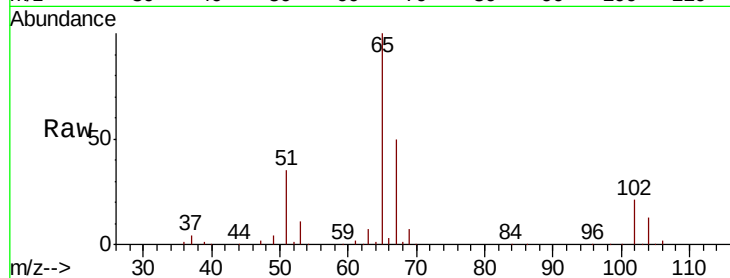
VSTDCCC050

Tot Ion: 65 Resp: 109765

Ion Ratio Lower Upper

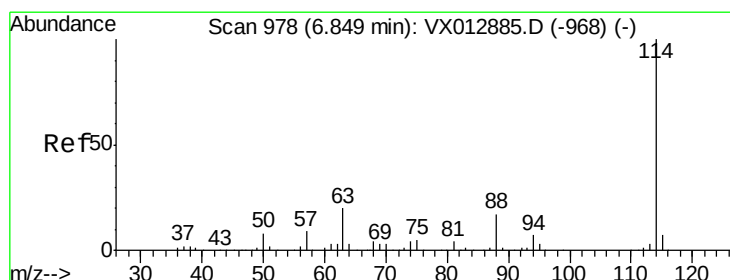
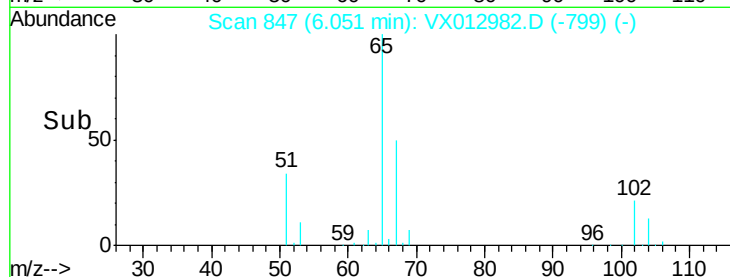
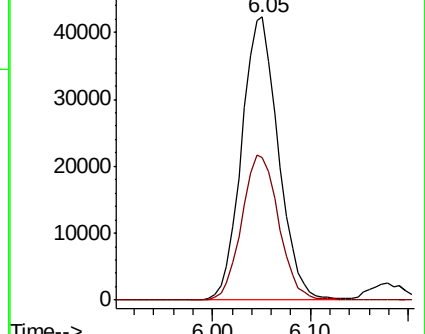
65 100

67 51.8 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX012982.D

Acq: 10 Oct 2019 09:31

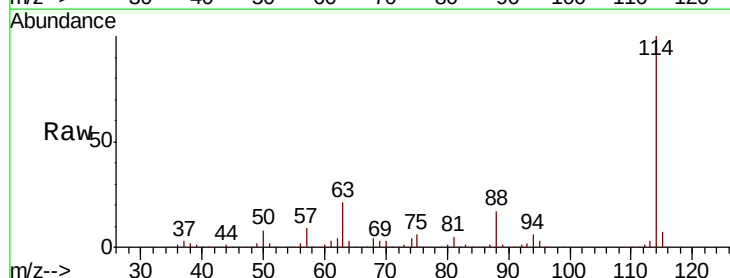
Tgt Ion: 114 Resp: 299783

Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.8

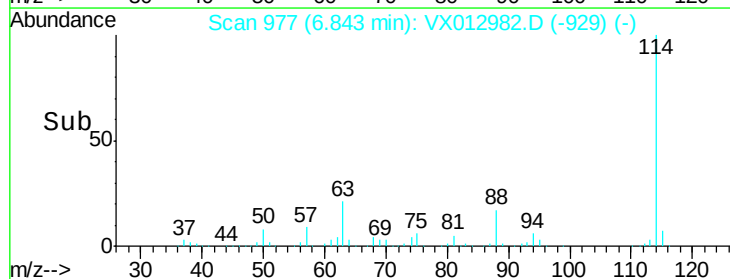
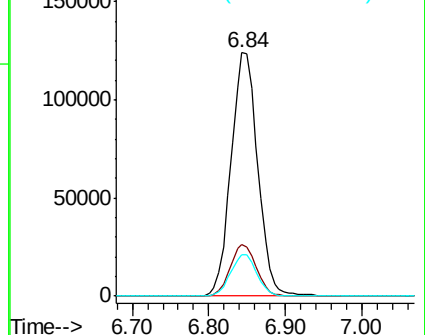
88 17.1 0.0 33.8

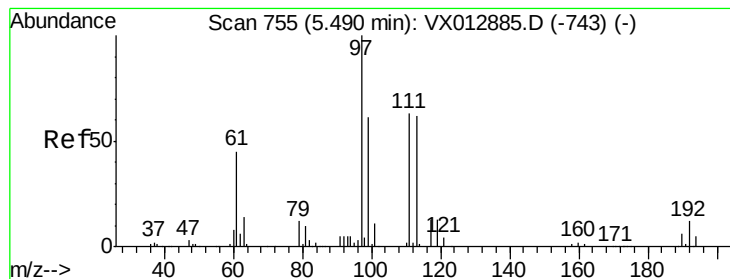


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.587 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX012982.D

Acq: 10 Oct 2019 09:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

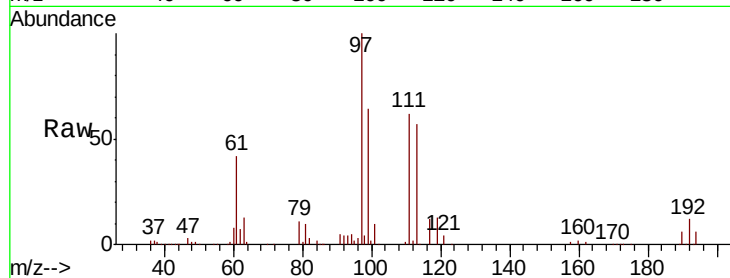
Tot Ion:113 Resp: 85319

Ion Ratio Lower Upper

113 100

111 104.4 83.2 124.8

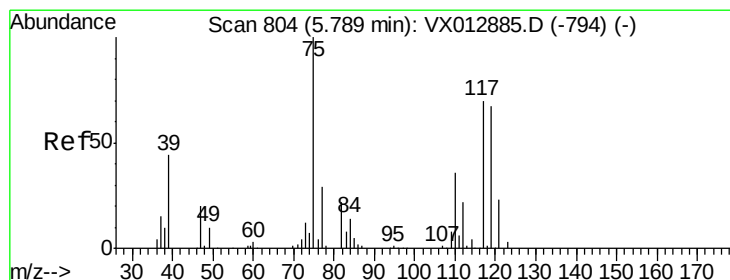
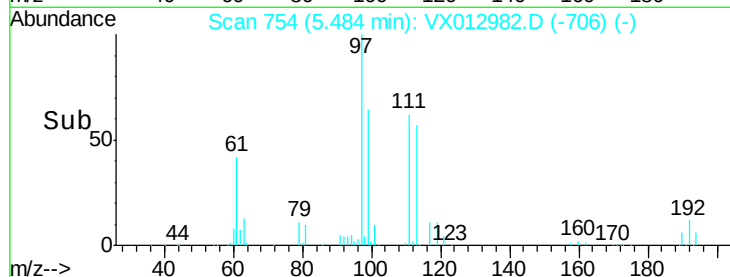
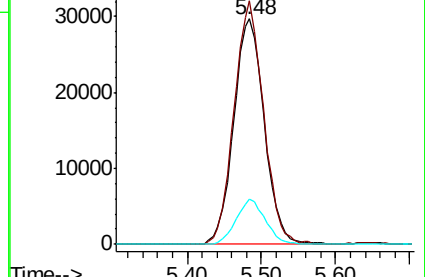
192 19.1 15.4 23.2



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: 52.904 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX012982.D

Acq: 10 Oct 2019 09:31

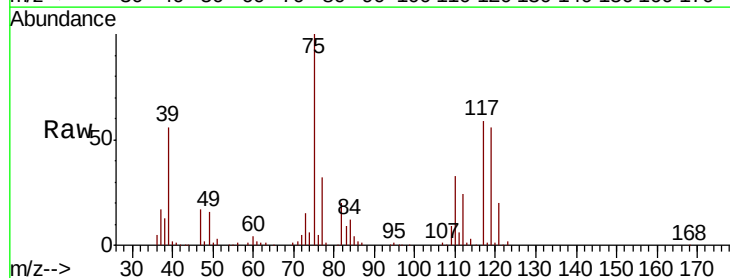
Tgt Ion: 75 Resp: 139439

Ion Ratio Lower Upper

75 100

110 35.2 17.6 52.9

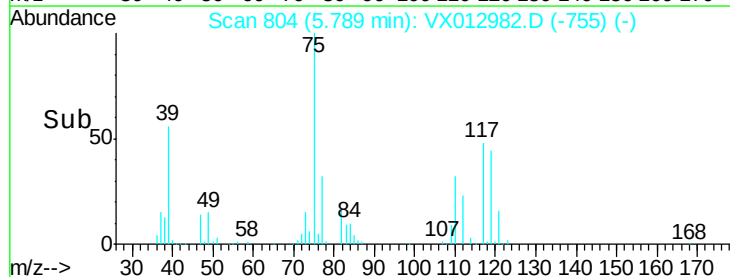
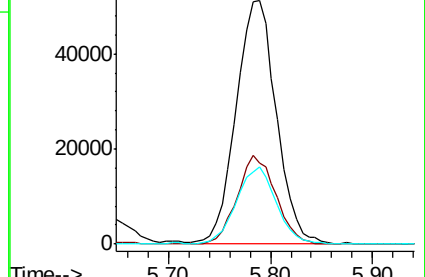
77 31.8 24.4 36.6

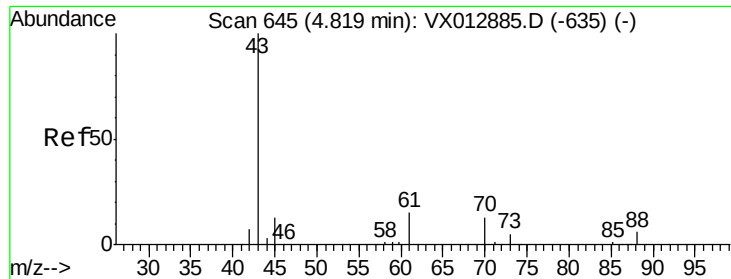


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

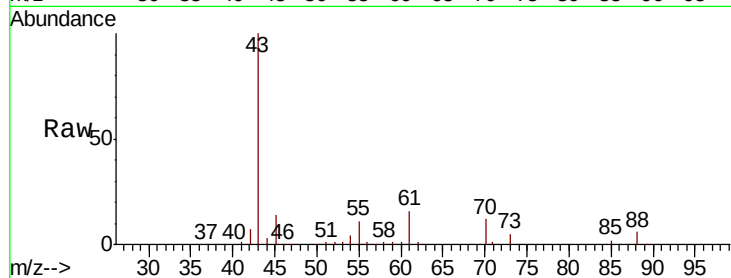




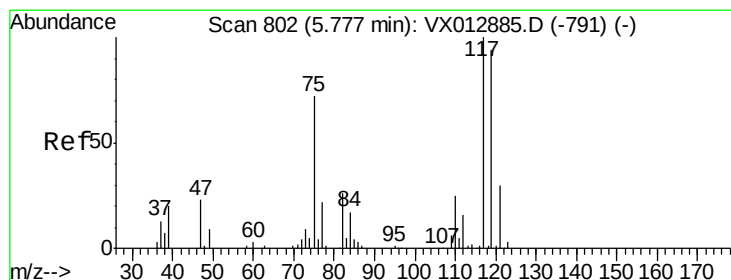
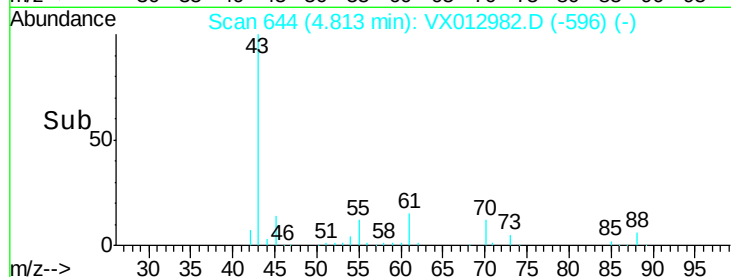
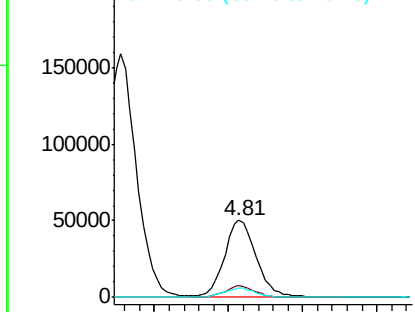
#37
Ethyl Acetate
Concen: 50.337 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX012982.D
Acq: 10 Oct 2019 09:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 148356
Ion Ratio Lower Upper
43 100
61 14.6 11.4 17.0
70 11.9 9.8 14.6

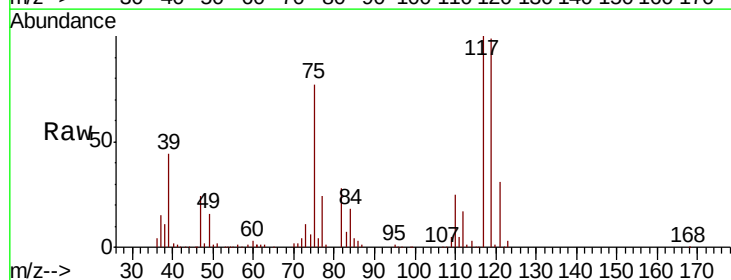


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

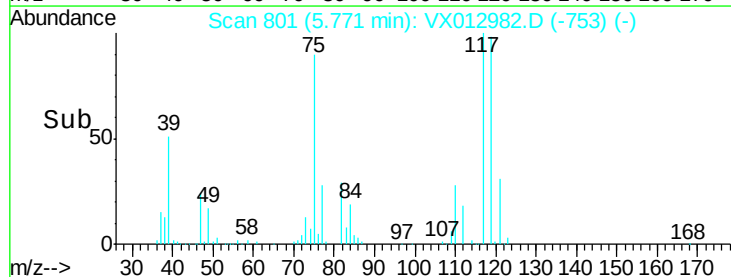
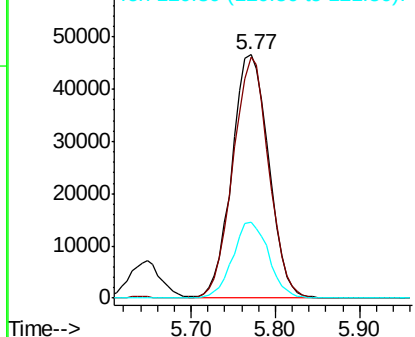


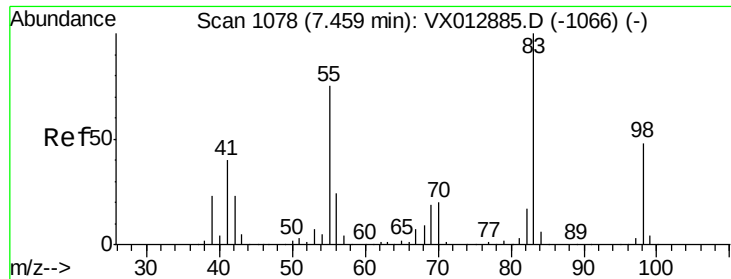
#38
Carbon Tetrachloride
Concen: 53.736 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX012982.D
Acq: 10 Oct 2019 09:31

Tgt Ion: 117 Resp: 137858
Ion Ratio Lower Upper
117 100
119 99.1 74.5 111.7
121 31.0 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

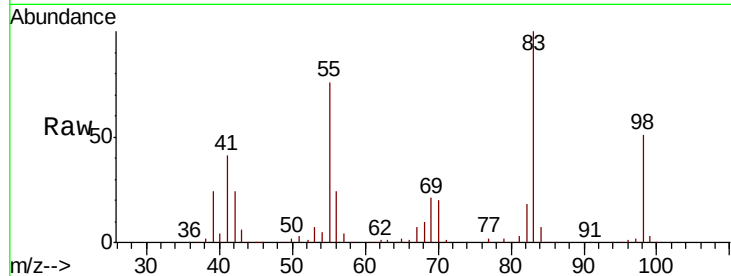




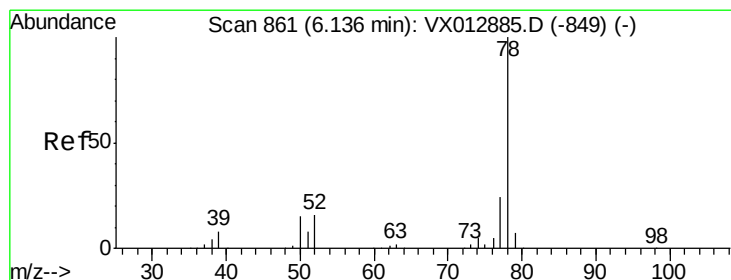
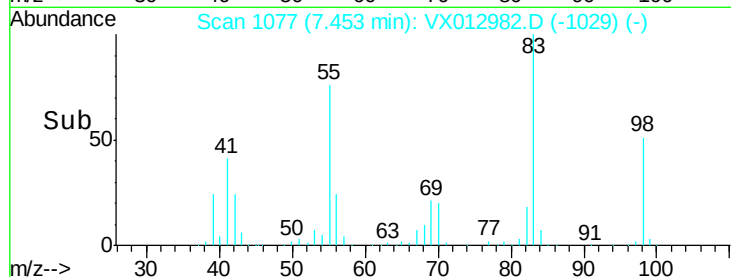
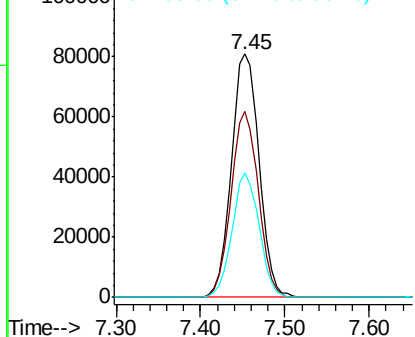
#39
Methylvlcyclohexane
Concen: 56.069 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX012982.D
Acq: 10 Oct 2019 09:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 179218
Ion Ratio Lower Upper
83 100
55 76.5 60.2 90.4
98 51.4 38.5 57.7

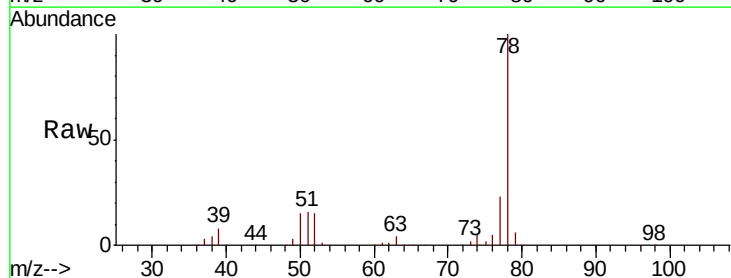


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

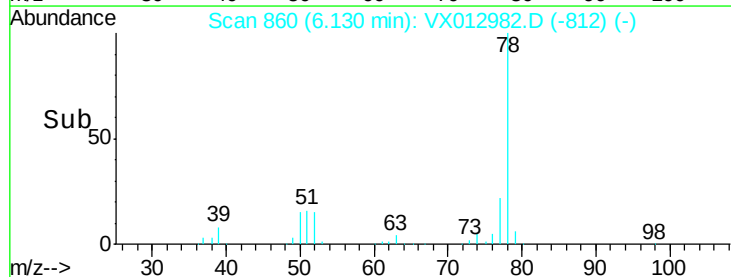
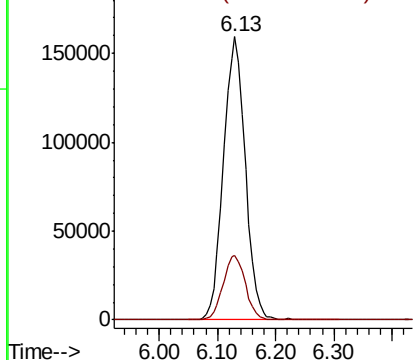


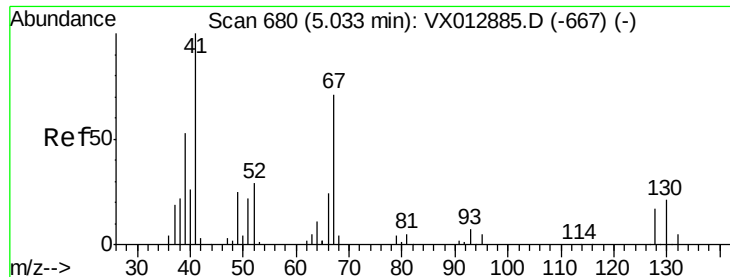
#40
Benzene
Concen: 53.413 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX012982.D
Acq: 10 Oct 2019 09:31

Tgt Ion: 78 Resp: 415803
Ion Ratio Lower Upper
78 100
77 22.7 19.0 28.4



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





#41

Methacrylonitrile

Concen: 50.720 ug/l

RT: 5.02 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX012982.D

Acq: 10 Oct 2019 09:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 82139

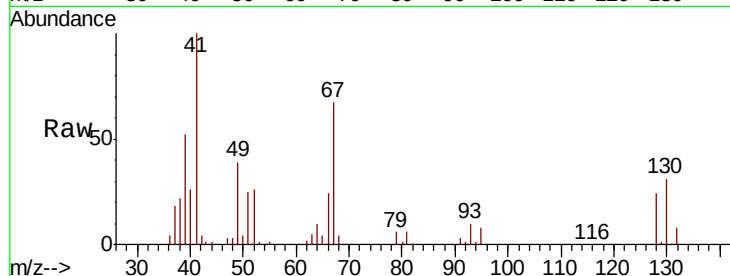
Ion Ratio Lower Upper

41 100

39 56.0 44.0 66.0

67 72.9 58.5 87.7

52 30.3 23.8 35.8

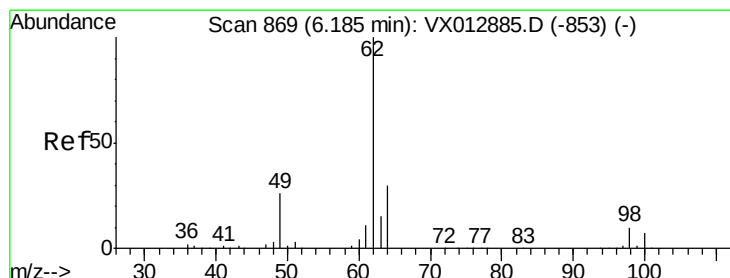
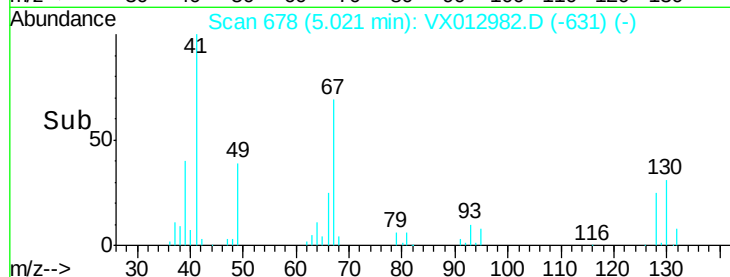
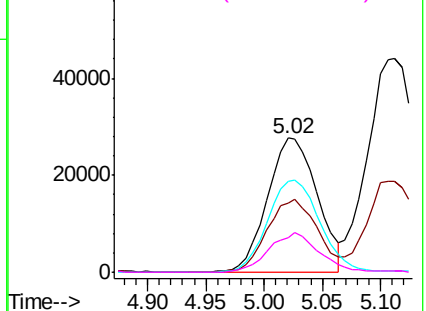


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 53.017 ug/l

RT: 6.18 min Scan# 868

Delta R.T. -0.01 min

Lab File: VX012982.D

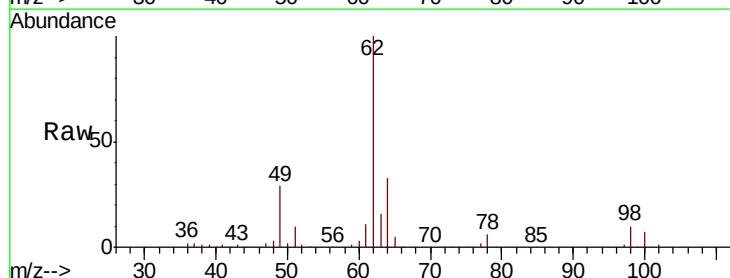
Acq: 10 Oct 2019 09:31

Tgt Ion: 62 Resp: 148095

Ion Ratio Lower Upper

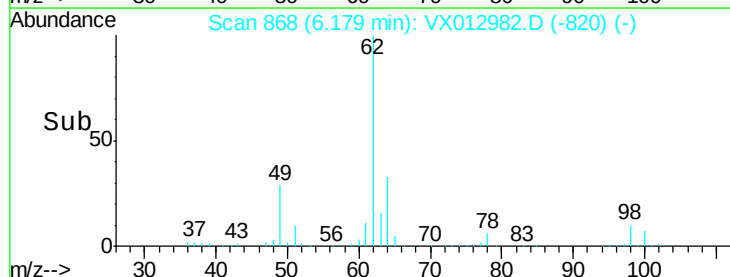
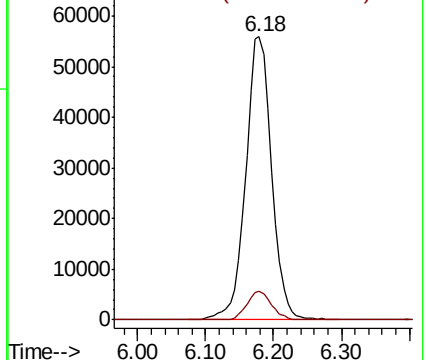
62 100

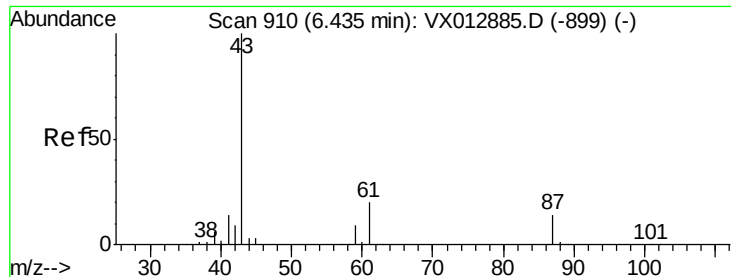
98 9.7 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 51.916 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX012982.D

Acq: 10 Oct 2019 09:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

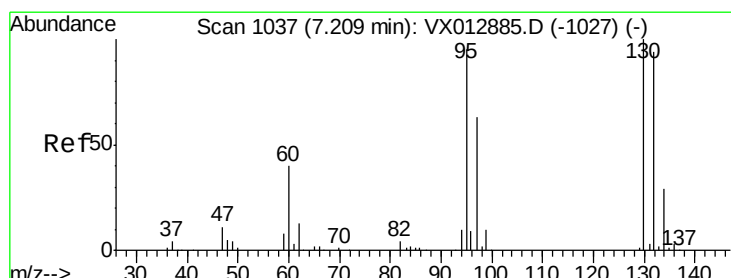
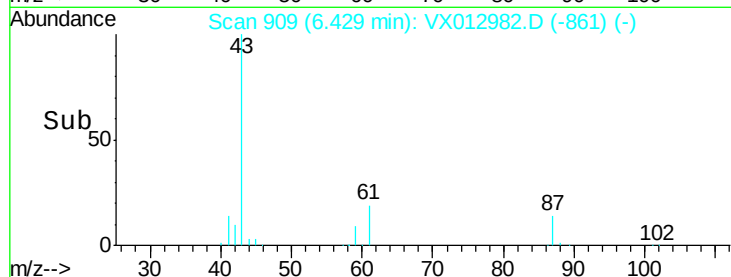
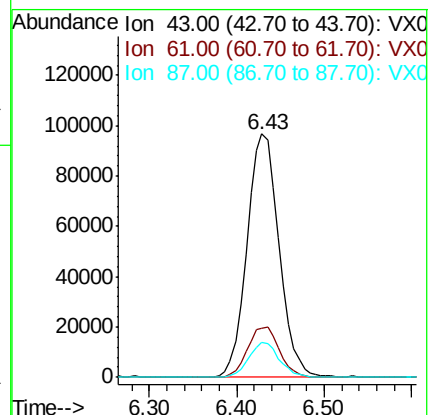
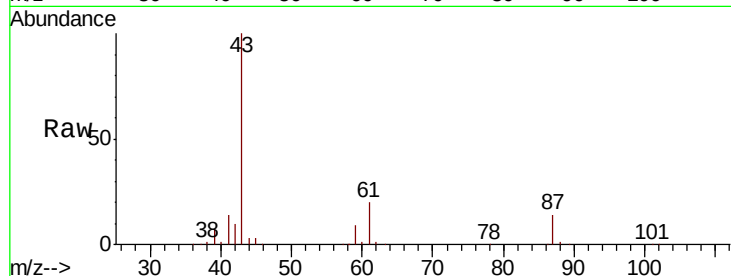
Tot Ion: 43 Resp: 245585

Ion Ratio Lower Upper

43 100

61 20.7 16.6 24.8

87 13.8 11.0 16.6



#44

Trichloroethene

Concen: 50.440 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX012982.D

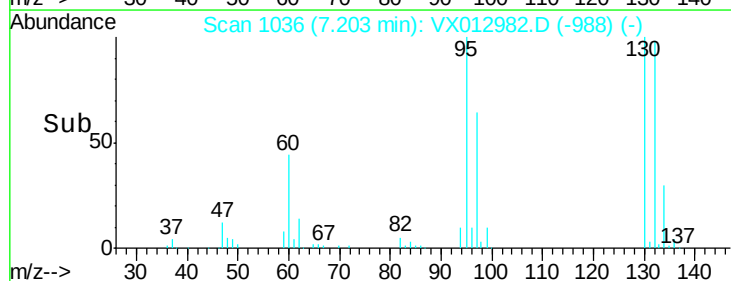
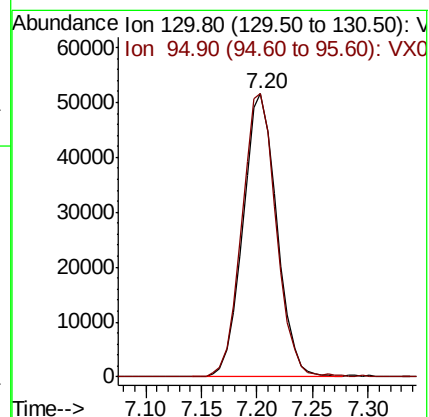
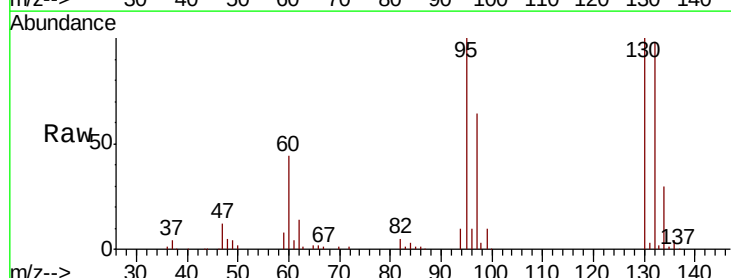
Acq: 10 Oct 2019 09:31

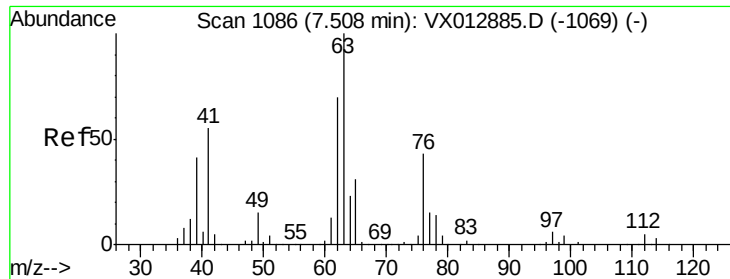
Tgt Ion:130 Resp: 108885

Ion Ratio Lower Upper

130 100

95 100.1 0.0 189.2

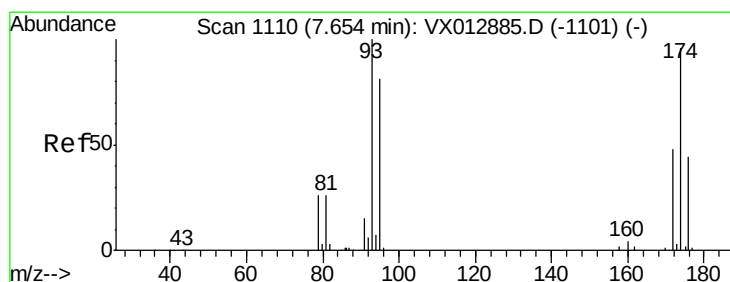
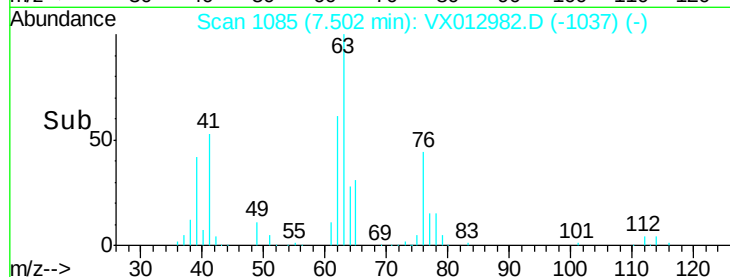
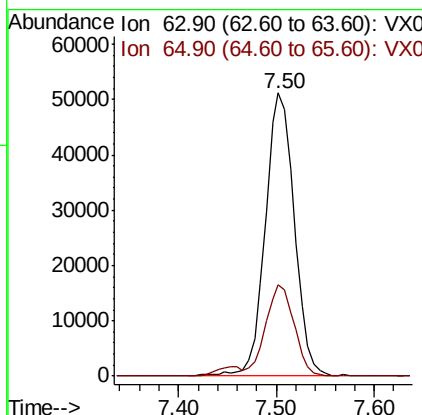
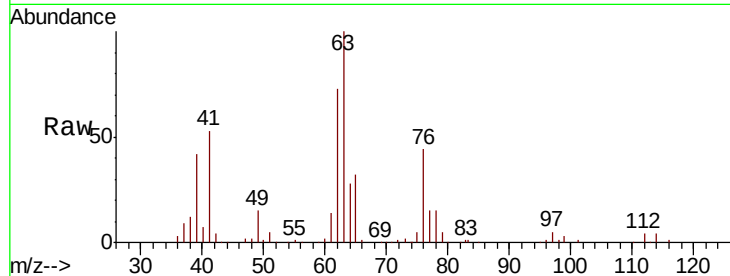




#45
 1,2-Dichloropropane
 Concen: 53.345 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX012982.D
 Acq: 10 Oct 2019 09:31

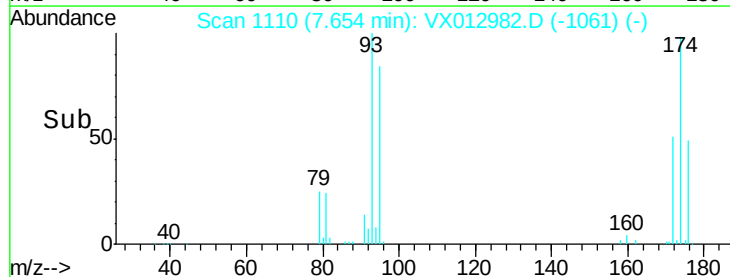
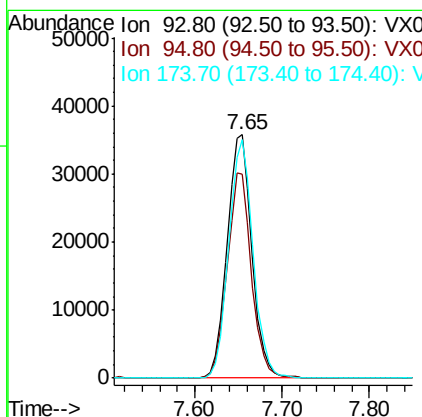
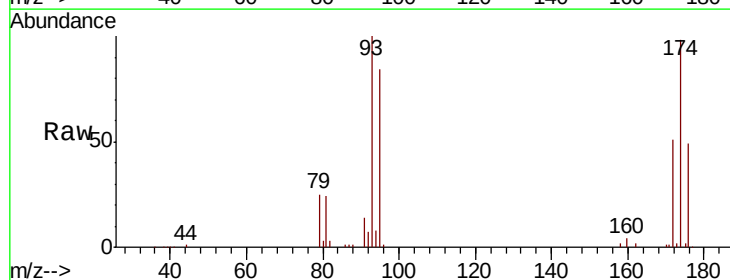
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

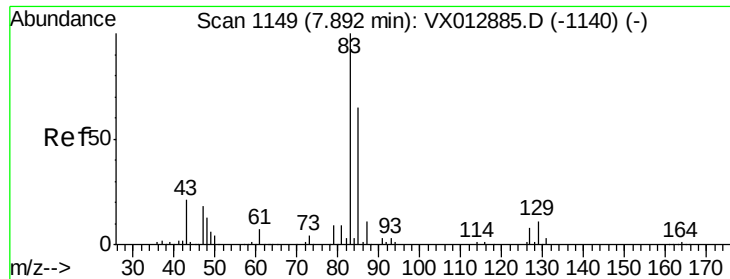
Tot Ion: 63 Resp: 105839
 Ion Ratio Lower Upper
 63 100
 65 32.1 24.6 37.0



#46
 Dibromomethane
 Concen: 53.034 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX012982.D
 Acq: 10 Oct 2019 09:31

Tgt Ion: 93 Resp: 70105
 Ion Ratio Lower Upper
 93 100
 95 82.4 66.3 99.5
 174 96.7 77.8 116.6





#47

Bromodichloromethane

Concen: 54.694 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX012982.D

Acq: 10 Oct 2019 09:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

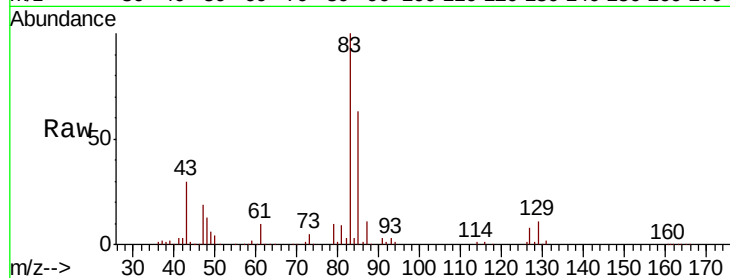
Tot Ion: 83 Resp: 141092

Ion Ratio Lower Upper

83 100

85 62.5 52.4 78.6

127 8.4 6.6 10.0



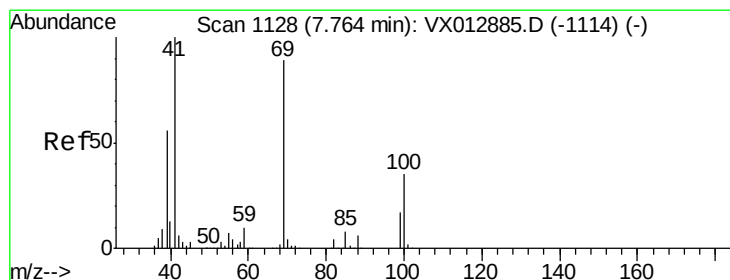
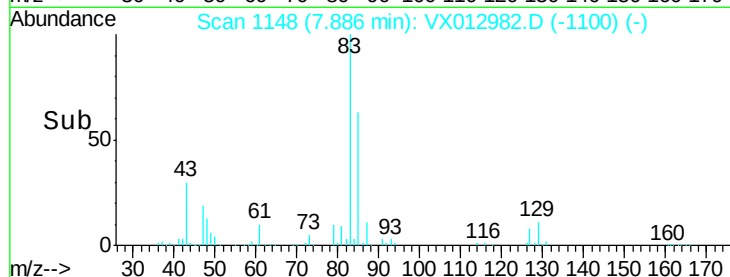
Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V

7.89

Time-->



#48

Methyl methacrylate

Concen: 51.548 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX012982.D

Acq: 10 Oct 2019 09:31

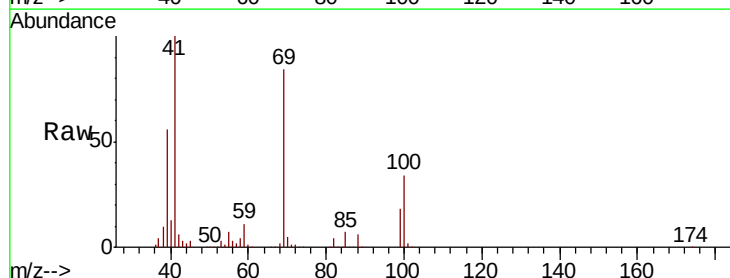
Tgt Ion: 41 Resp: 118827

Ion Ratio Lower Upper

41 100

69 85.0 68.7 103.1

39 55.1 44.3 66.5



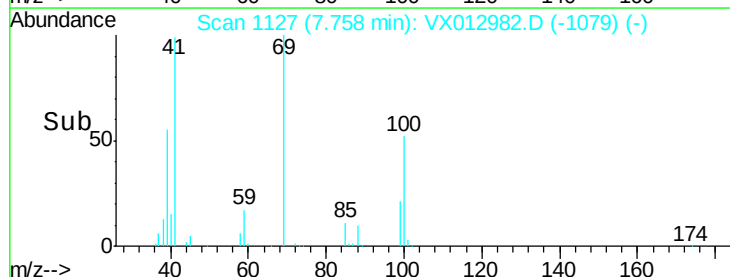
Abundance Ion 41.00 (40.70 to 41.70): VX0

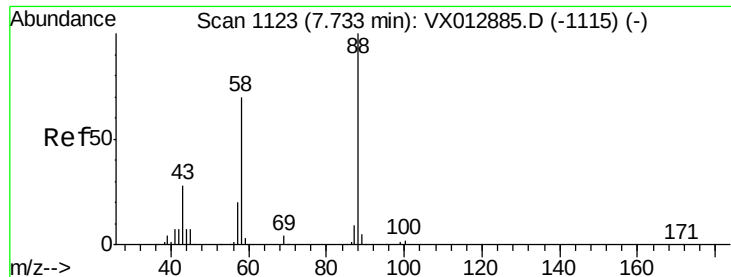
Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

7.76

Time-->





#49

1,4-Dioxane

Concen: 963.287 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX012982.D

Acq: 10 Oct 2019 09:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

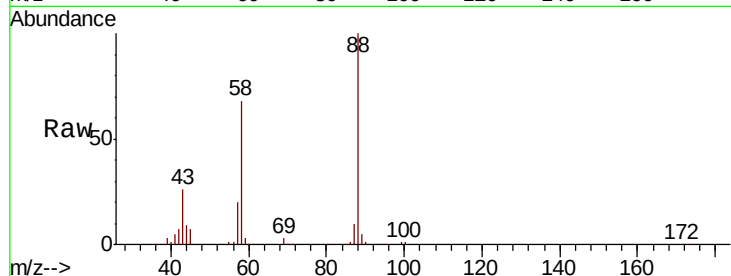
Tot Ion: 88 Resp: 59507

Ion Ratio Lower Upper

88 100

43 31.0 25.0 37.6

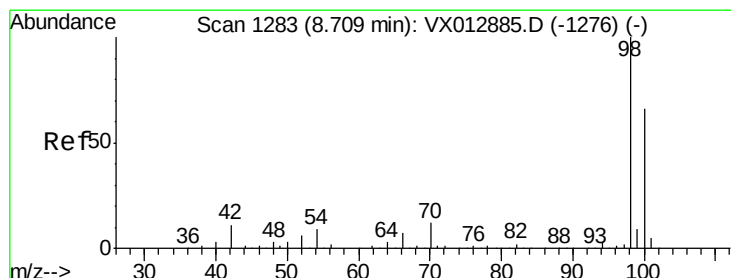
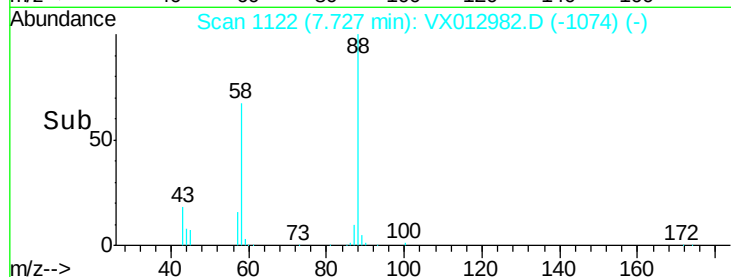
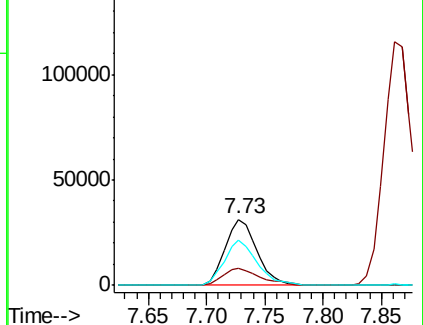
58 70.1 55.4 83.2



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: 49.222 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012982.D

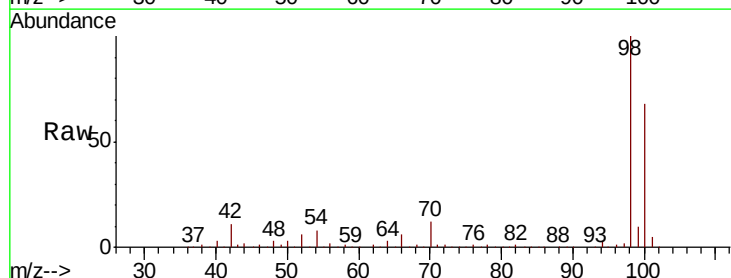
Acq: 10 Oct 2019 09:31

Tgt Ion: 98 Resp: 330317

Ion Ratio Lower Upper

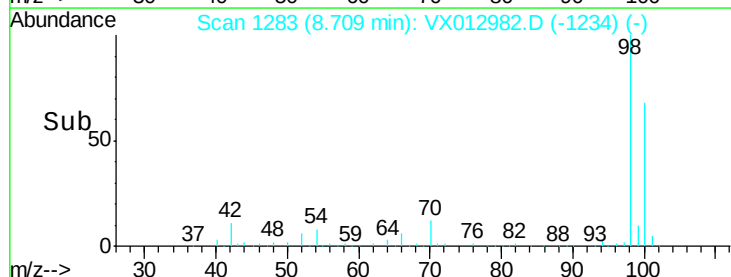
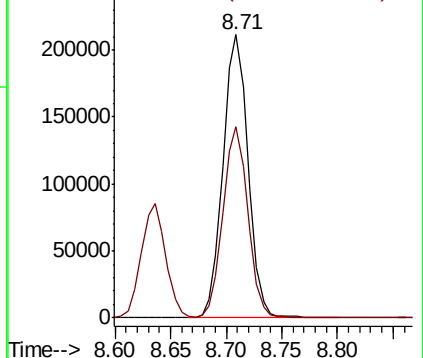
98 100

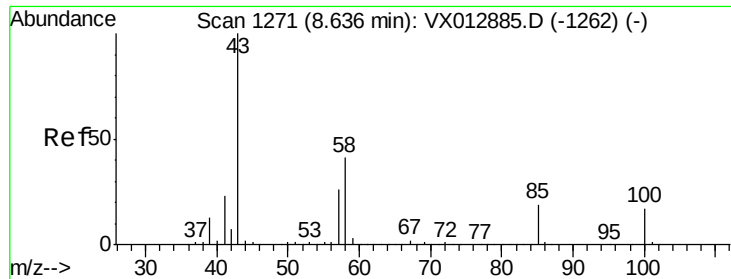
100 66.8 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 257.066 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012982.D

Acq: 10 Oct 2019 09:31

Instrument :

MSVOA_X

ClientSampleId :

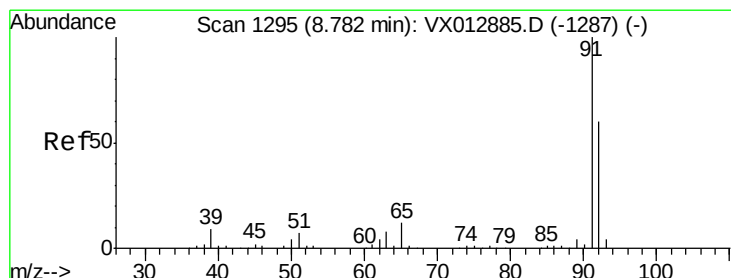
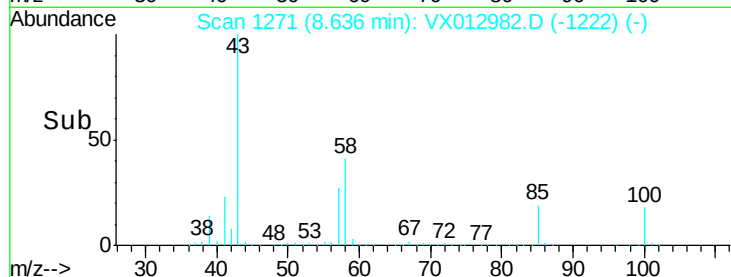
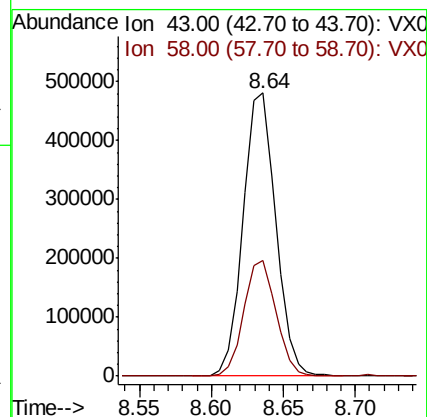
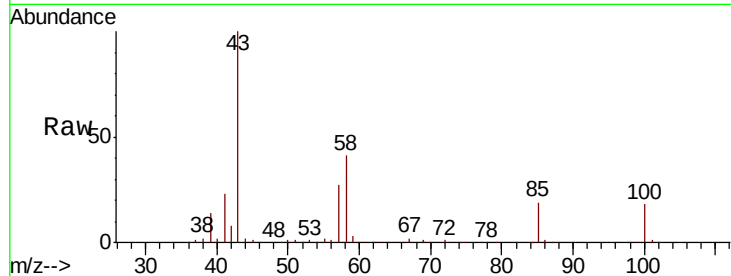
VSTDCCC050

Tot Ion: 43 Resp: 758164

Ion Ratio Lower Upper

43 100

58 40.4 32.4 48.6



#52

Toluene

Concen: 53.012 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX012982.D

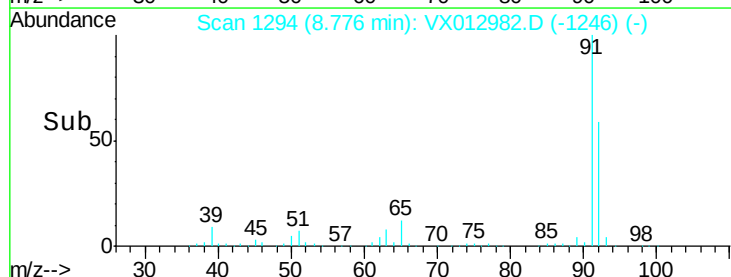
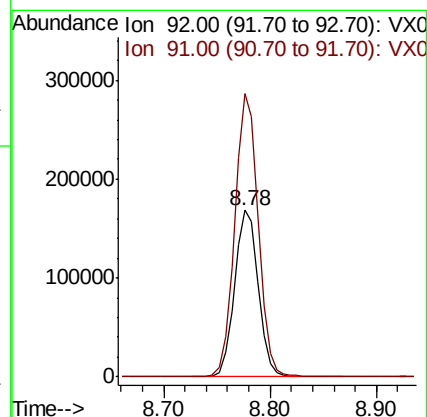
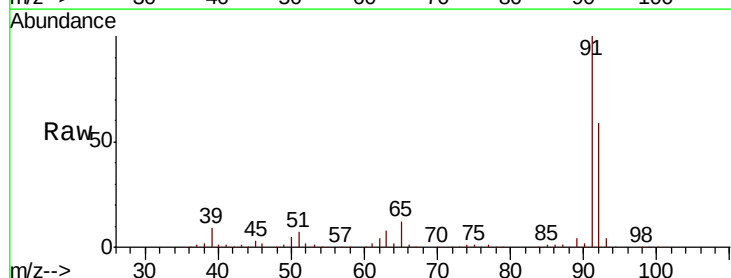
Acq: 10 Oct 2019 09:31

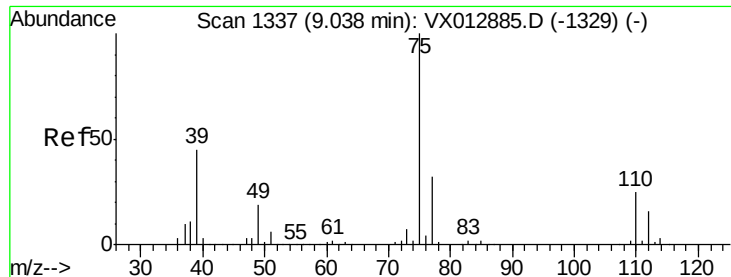
Tgt Ion: 92 Resp: 264011

Ion Ratio Lower Upper

92 100

91 168.8 135.9 203.9

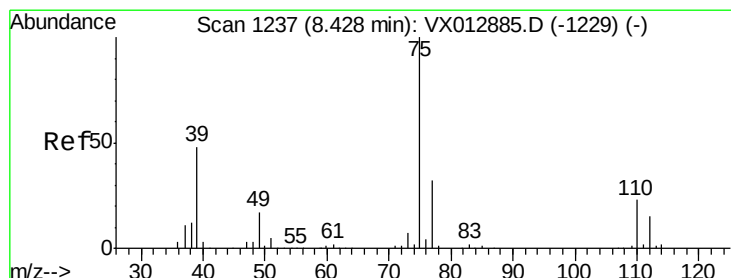
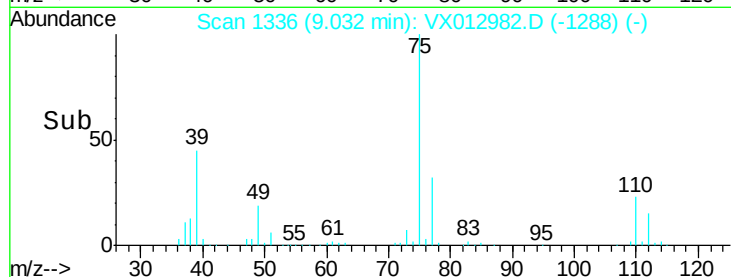
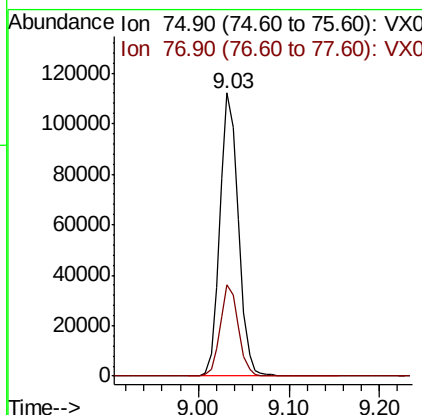
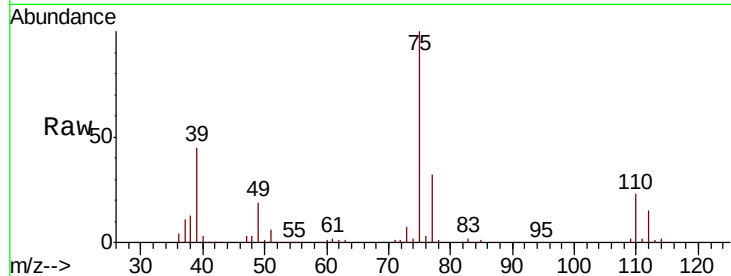




#53
 t-1,3-Dichloropropene
 Concen: 49.542 ug/l
 RT: 9.03 min Scan# 1336
 Delta R.T. -0.01 min
 Lab File: VX012982.D
 Acq: 10 Oct 2019 09:31

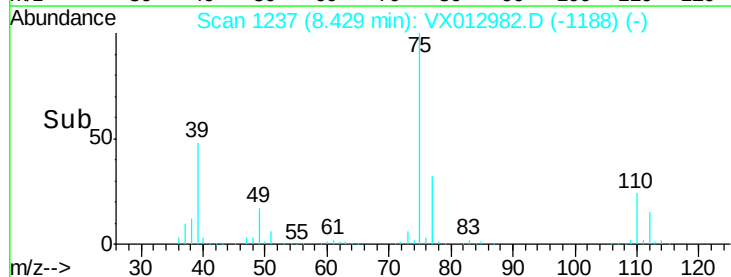
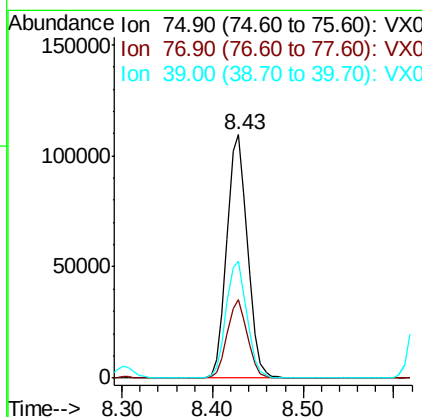
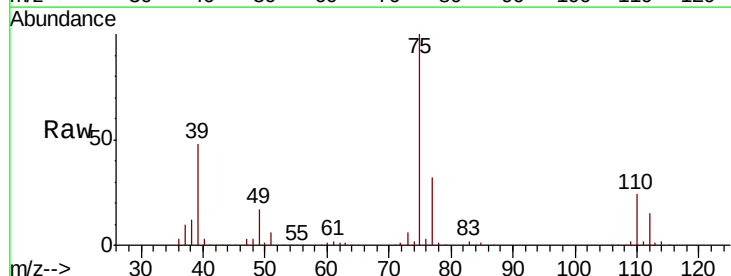
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

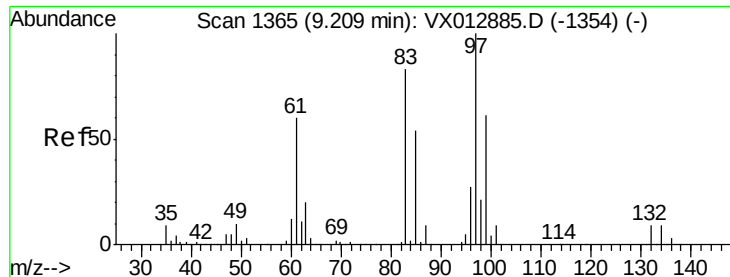
Tot Ion: 75 Resp: 159426
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 54.754 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX012982.D
 Acq: 10 Oct 2019 09:31

Tgt Ion: 75 Resp: 173721
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.8 38.8
 39 47.8 38.2 57.2

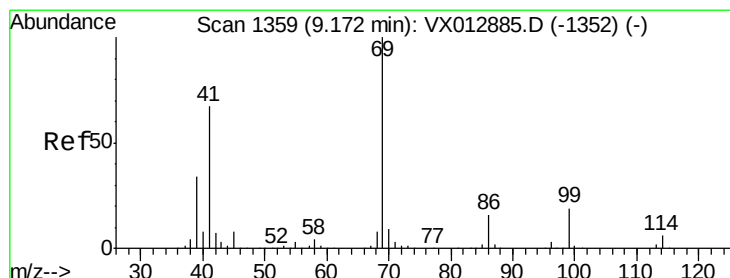
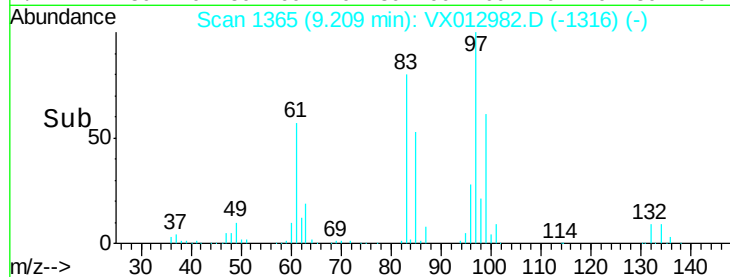
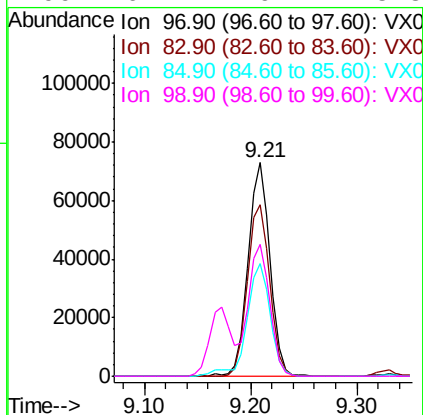
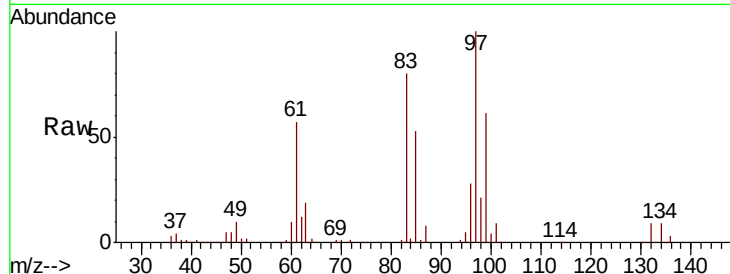




#55
 1,1,2-Trichloroethane
 Concen: 53.418 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012982.D
 Acq: 10 Oct 2019 09:31

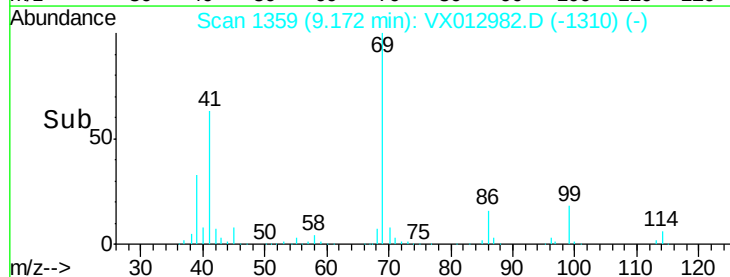
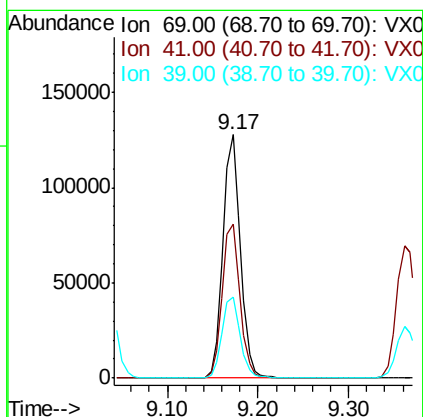
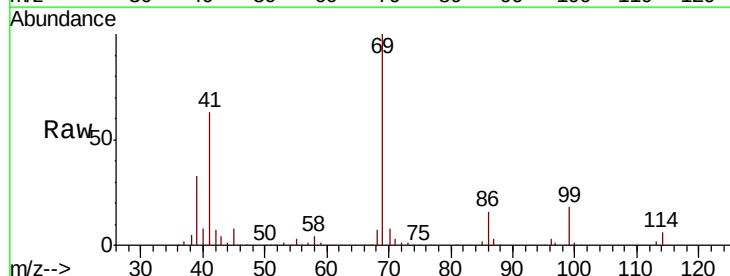
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

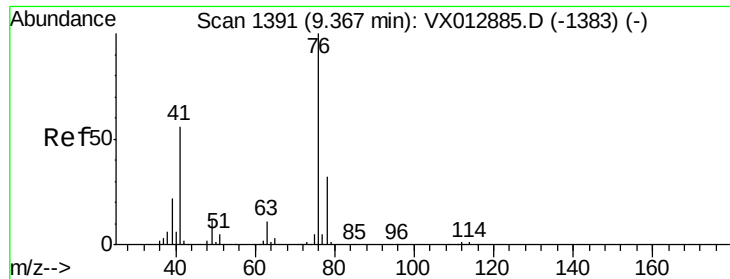
Tot Ion:	97	Resp:	105281
Ion	Ratio	Lower	Upper
97	100		
83	80.3	66.5	99.7
85	52.8	43.1	64.7
99	61.4	49.2	73.8



#56
 Ethyl methacrylate
 Concen: 48.633 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012982.D
 Acq: 10 Oct 2019 09:31

Tgt Ion:	69	Resp:	171457
Ion	Ratio	Lower	Upper
69	100		
41	65.0	52.1	78.1
39	34.9	27.8	41.8





#57

1,3-Dichloropropane

Concen: 52.057 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX012982.D

Acq: 10 Oct 2019 09:31

Instrument :

MSVOA_X

ClientSampleId :

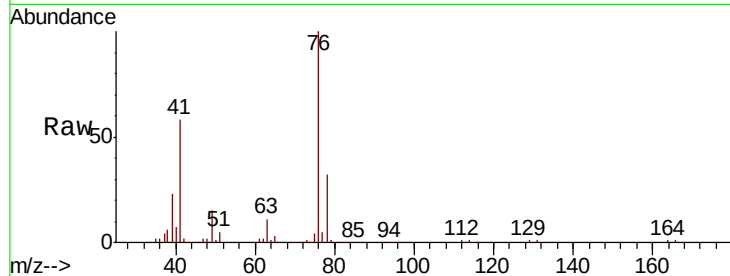
VSTDCCC050

Tot Ion: 76 Resp: 177479

Ion Ratio Lower Upper

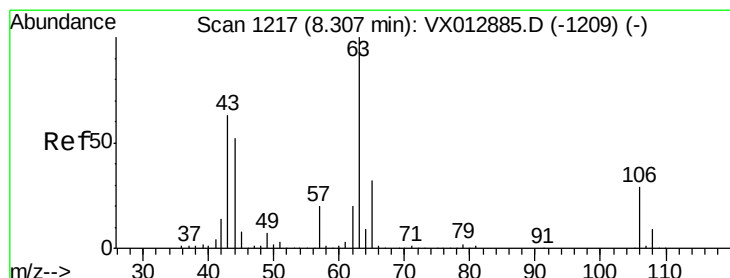
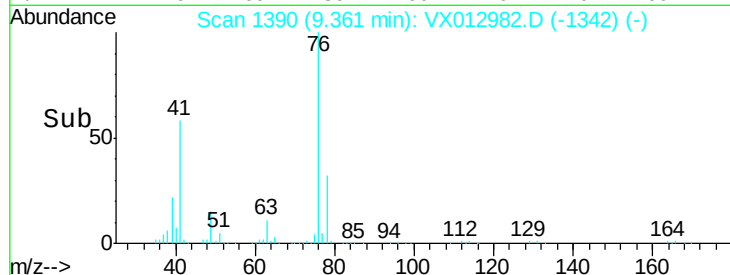
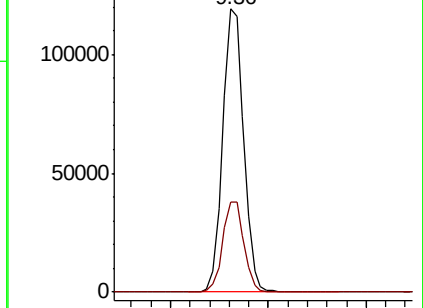
76 100

78 32.3 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: 260.795 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX012982.D

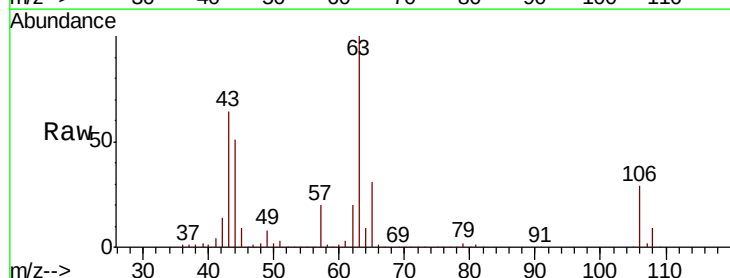
Acq: 10 Oct 2019 09:31

Tgt Ion: 63 Resp: 377596

Ion Ratio Lower Upper

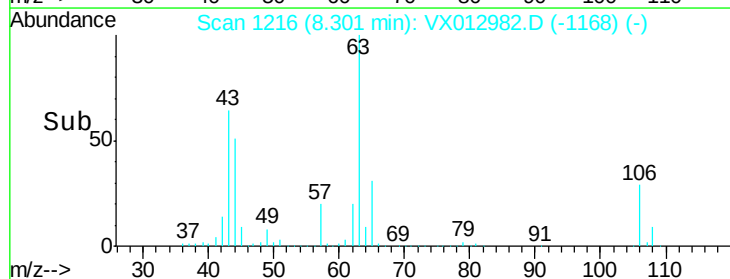
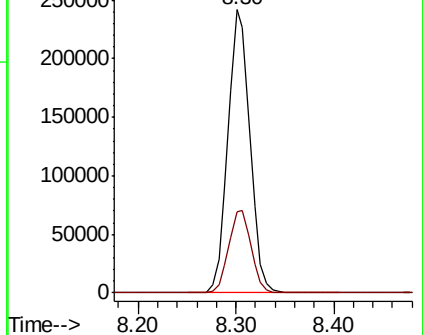
63 100

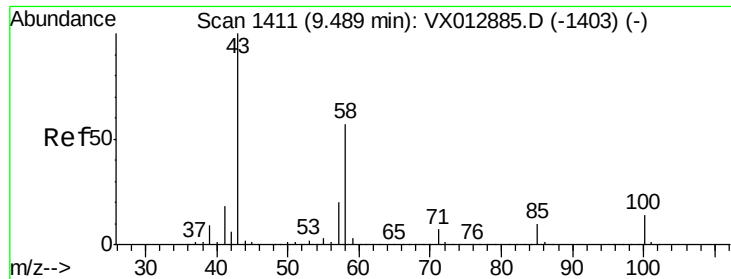
106 29.8 23.8 35.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

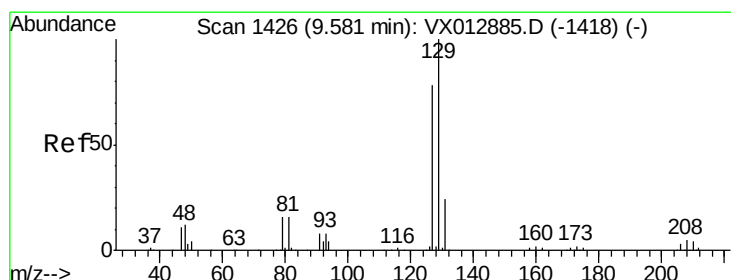
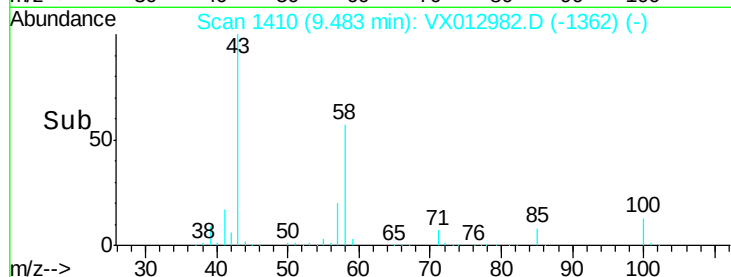
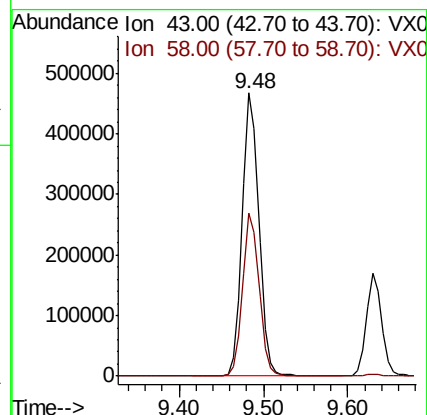
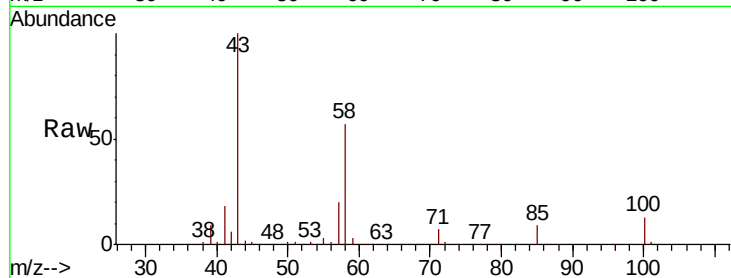




#59
2-Hexanone
Concen: 271.731 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX012982.D
Acq: 10 Oct 2019 09:31

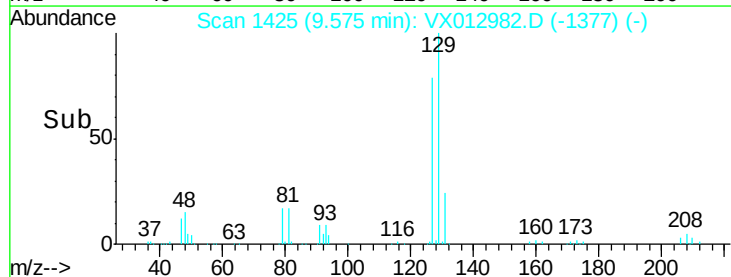
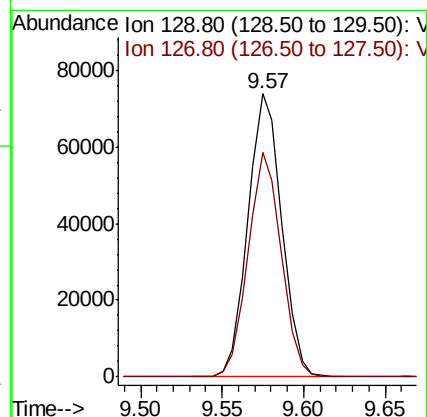
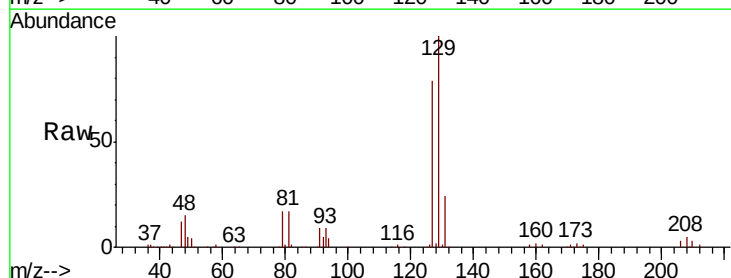
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

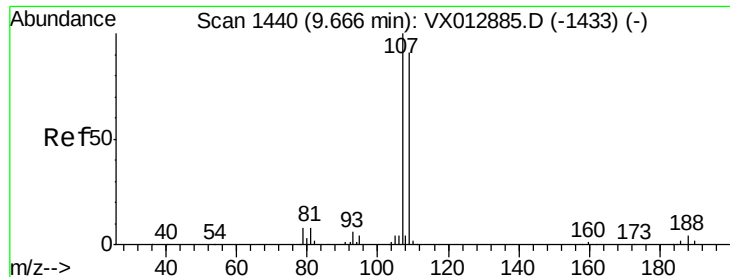
Tot Ion: 43 Resp: 623850
Ion Ratio Lower Upper
43 100
58 56.6 28.1 84.3



#60
Dibromochloromethane
Concen: 48.729 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX012982.D
Acq: 10 Oct 2019 09:31

Tgt Ion: 129 Resp: 106768
Ion Ratio Lower Upper
129 100
127 77.7 38.9 116.7





#61

1,2-Dibromoethane

Concen: 53.020 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012982.D

Acq: 10 Oct 2019 09:31

Instrument :

MSVOA_X

ClientSampleId :

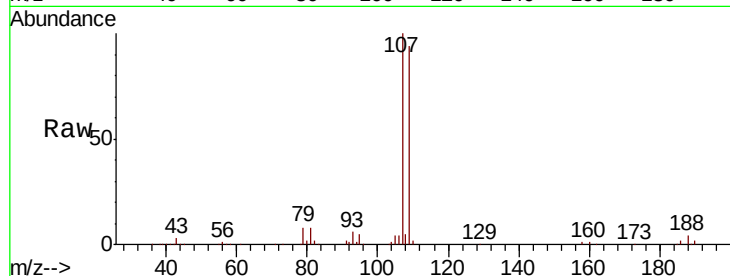
VSTDCCC050

Tot Ion: 107 Resp: 109925

Ion Ratio Lower Upper

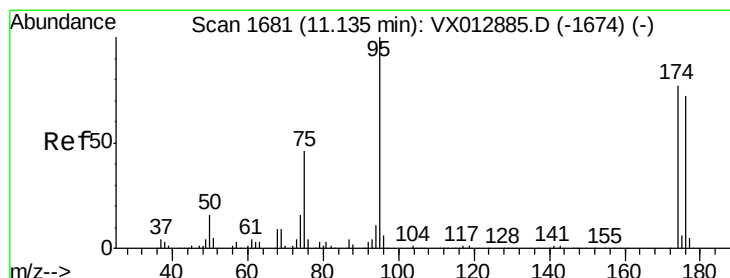
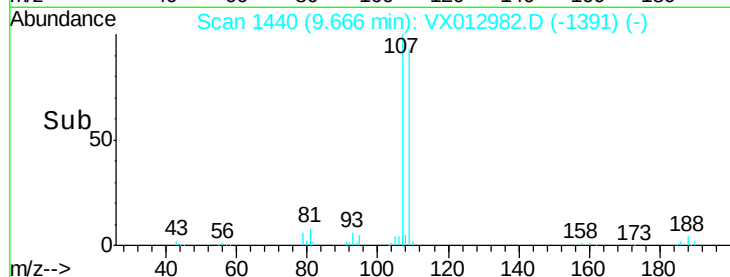
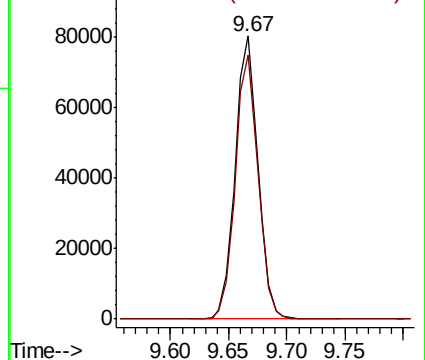
107 100

109 93.6 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.632 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX012982.D

Acq: 10 Oct 2019 09:31

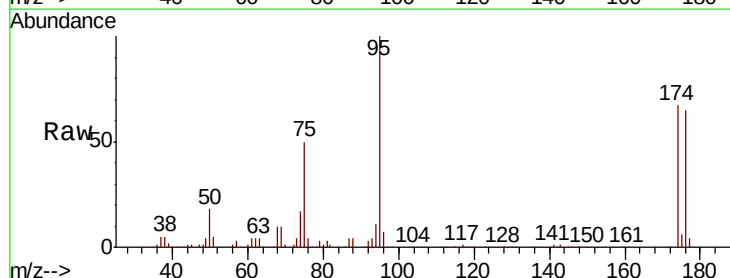
Tgt Ion: 95 Resp: 129416

Ion Ratio Lower Upper

95 100

174 72.3 0.0 143.4

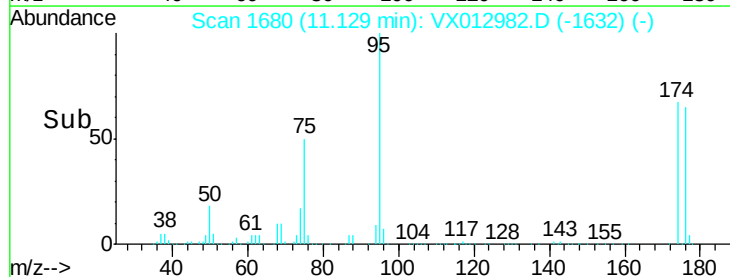
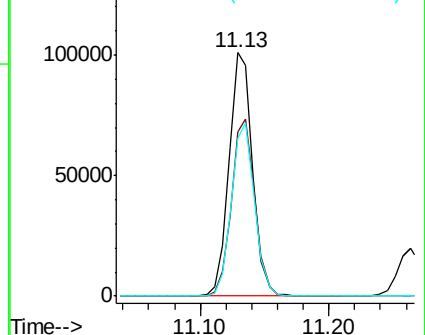
176 70.0 0.0 136.0

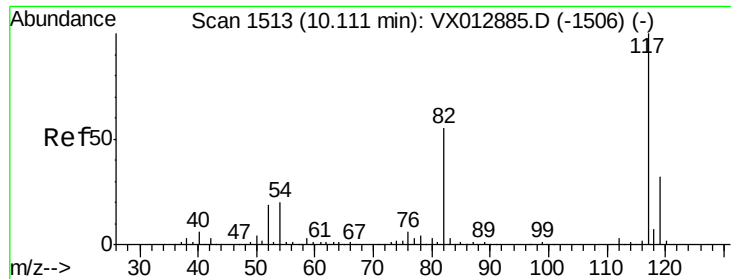


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

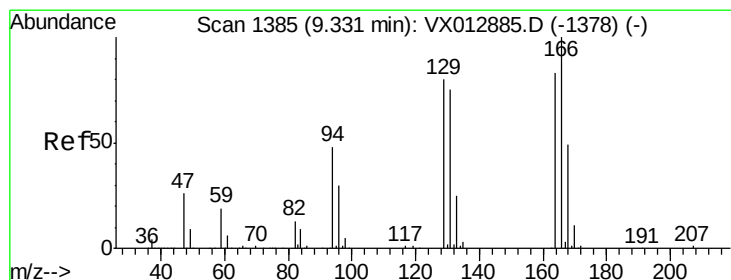
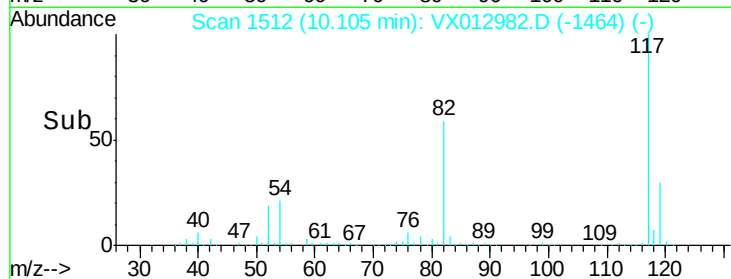
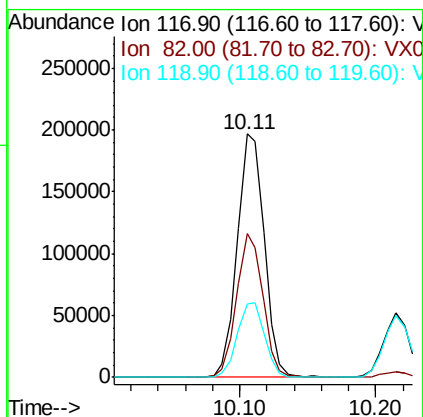
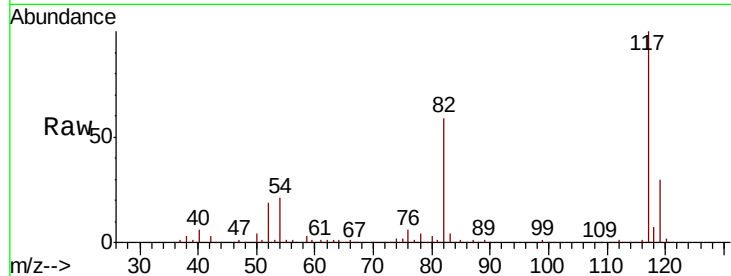




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX012982.D
Acq: 10 Oct 2019 09:31

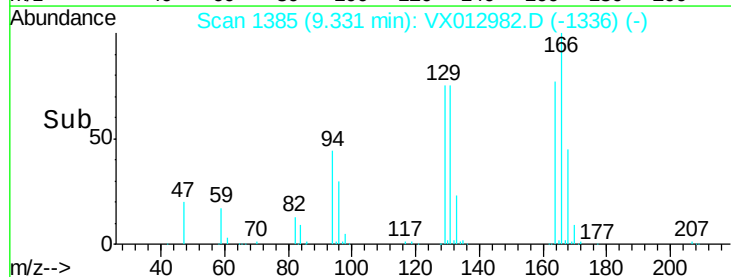
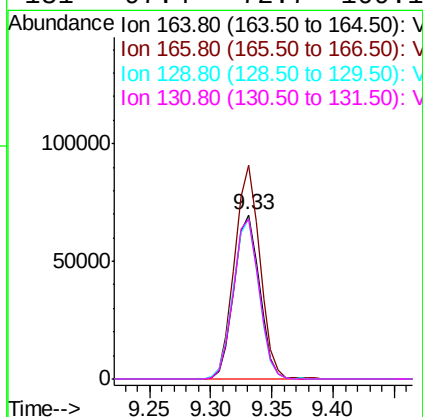
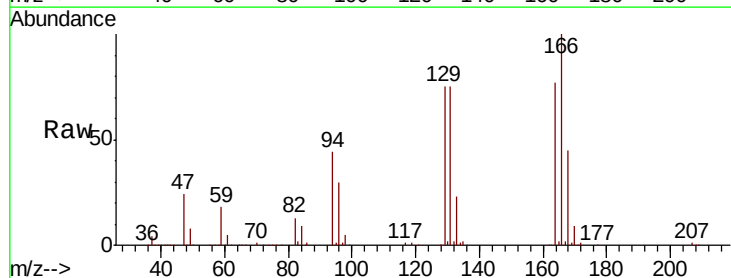
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

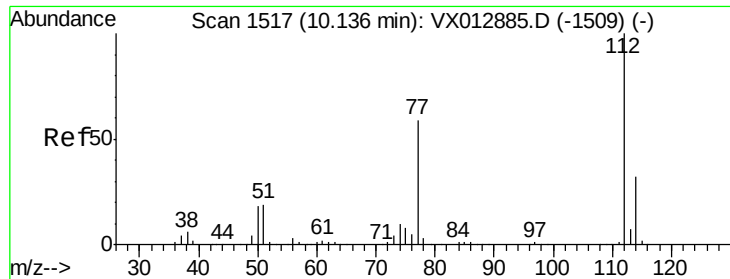
Tot Ion:117 Resp: 272748
Ion Ratio Lower Upper
117 100
82 59.2 44.1 66.1
119 30.4 25.8 38.8



#64
Tetrachloroethene
Concen: 53.222 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012982.D
Acq: 10 Oct 2019 09:31

Tgt Ion:164 Resp: 100685
Ion Ratio Lower Upper
164 100
166 130.2 96.9 145.3
129 97.4 77.9 116.9
131 97.4 72.7 109.1

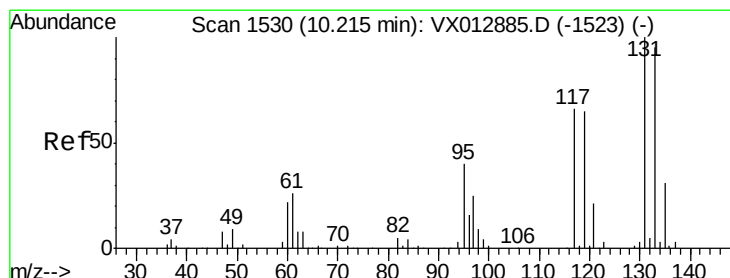
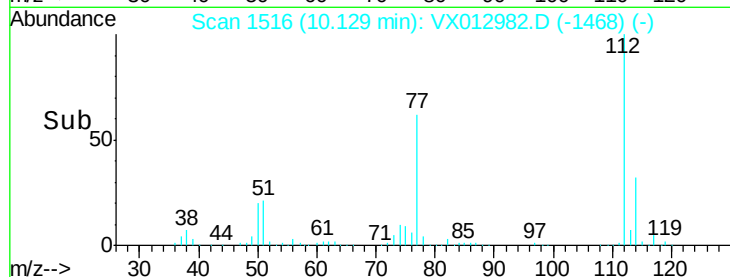
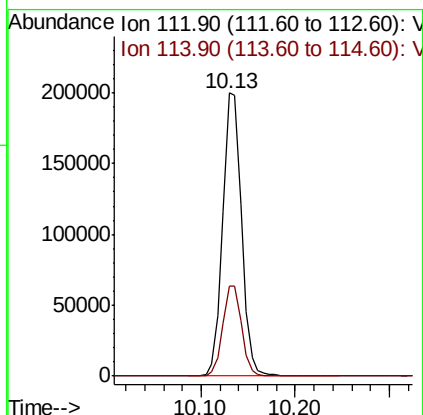
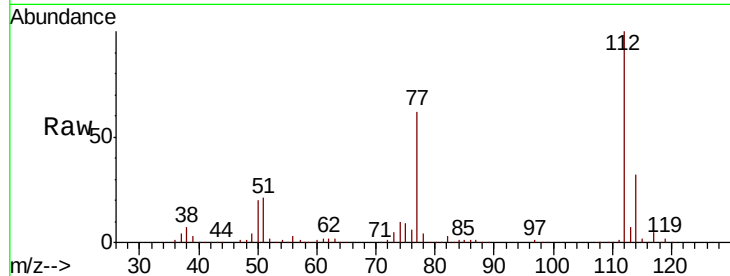




#65
Chlorobenzene
Concen: 51.224 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX012982.D
Acq: 10 Oct 2019 09:31

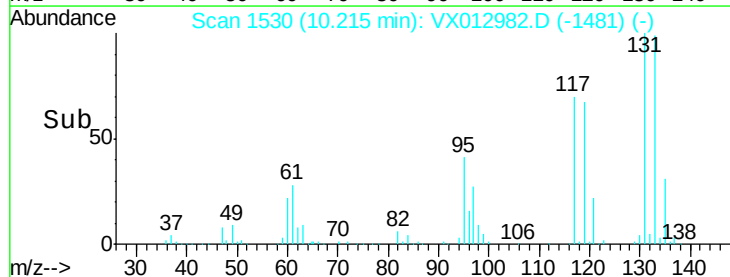
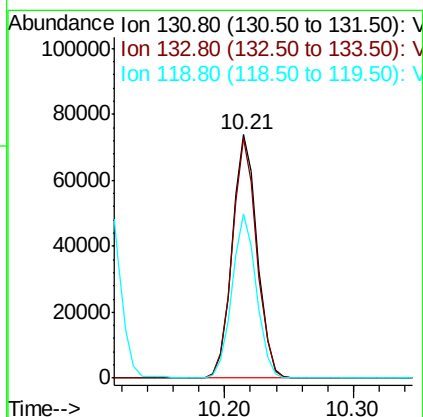
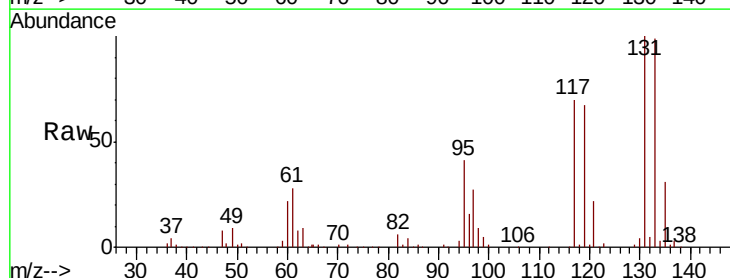
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

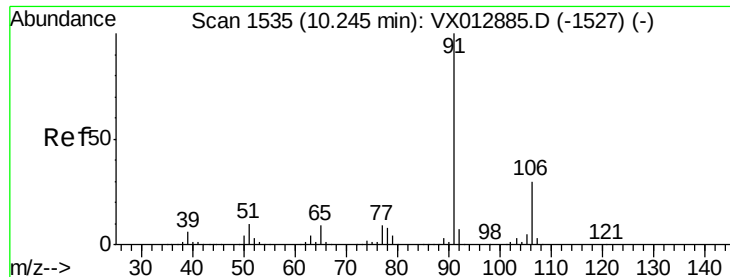
Tot Ion:112 Resp: 277448
Ion Ratio Lower Upper
112 100
114 31.7 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 53.177 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX012982.D
Acq: 10 Oct 2019 09:31

Tgt Ion:131 Resp: 99865
Ion Ratio Lower Upper
131 100
133 97.0 47.2 141.6
119 65.9 32.6 98.0

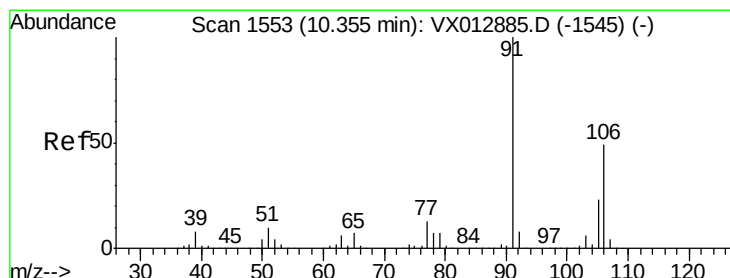
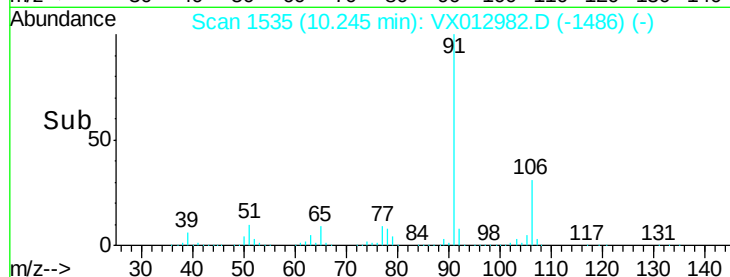
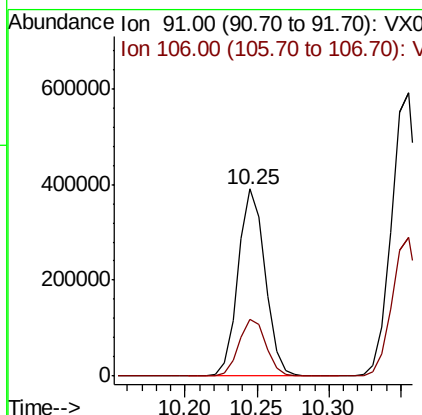
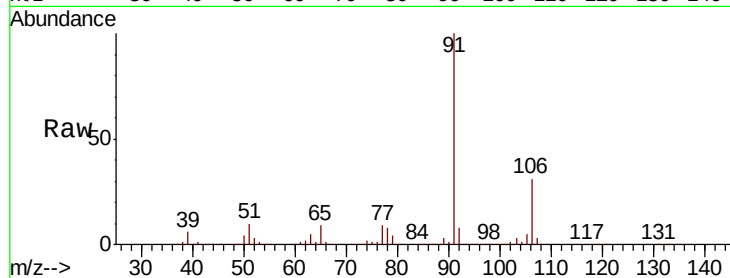




#67
Ethyl Benzene
Concen: 53.176 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX012982.D
Acq: 10 Oct 2019 09:31

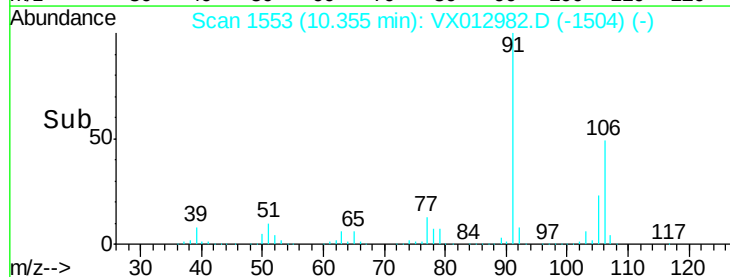
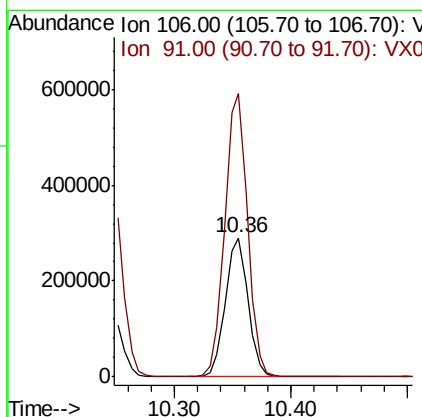
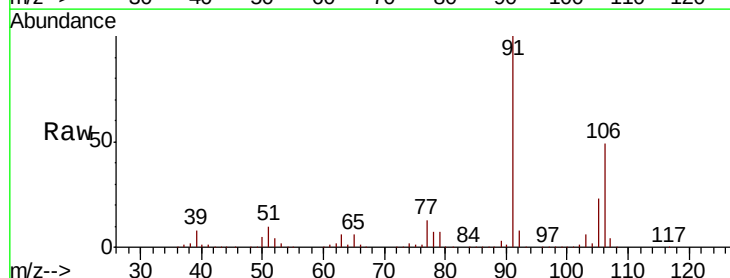
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

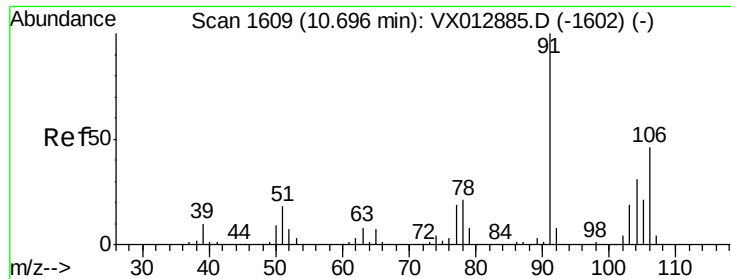
Tot Ion: 91 Resp: 511602
Ion Ratio Lower Upper
91 100
106 30.7 23.9 35.9



#68
m/p-Xylenes
Concen: 108.326 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012982.D
Acq: 10 Oct 2019 09:31

Tgt Ion: 106 Resp: 389348
Ion Ratio Lower Upper
106 100
91 204.9 165.3 247.9

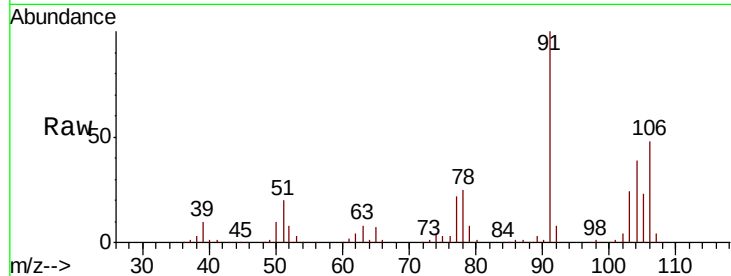




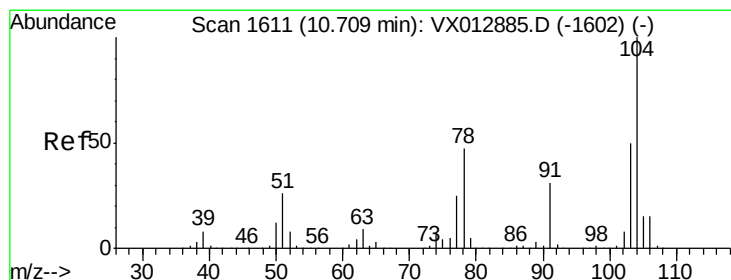
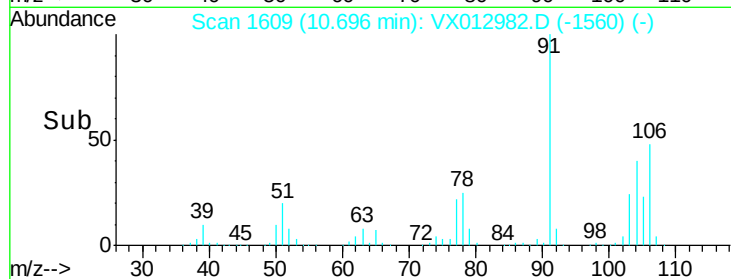
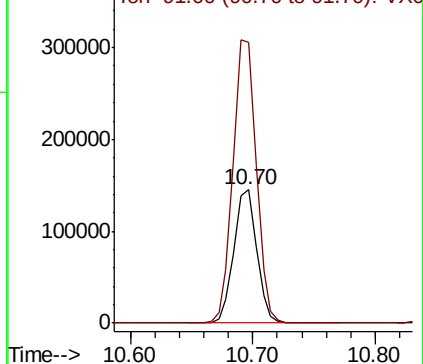
#69
o-Xylene
Concen: 53.403 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012982.D
Acq: 10 Oct 2019 09:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 187178
Ion Ratio Lower Upper
106 100
91 216.4 109.1 327.3

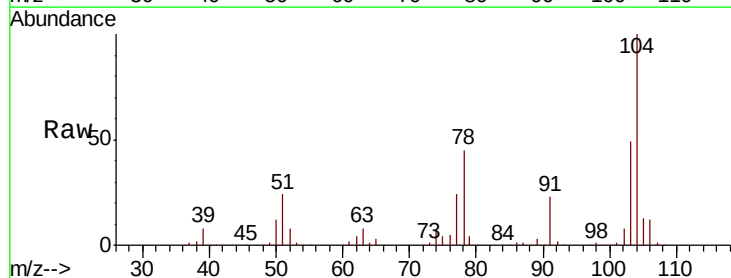


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

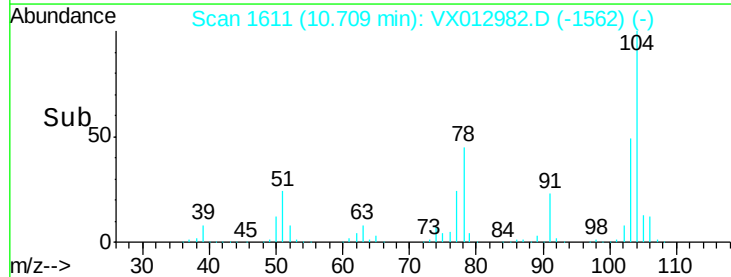
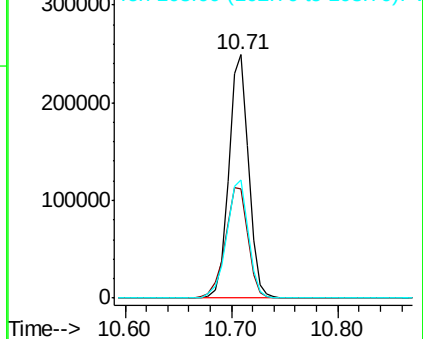


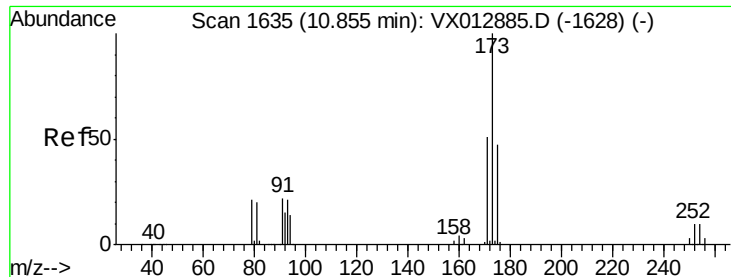
#70
Styrene
Concen: 54.311 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012982.D
Acq: 10 Oct 2019 09:31

Tgt Ion:104 Resp: 323616
Ion Ratio Lower Upper
104 100
78 52.0 41.2 61.8
103 53.8 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: 45.679 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VX012982.D

Acq: 10 Oct 2019 09:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

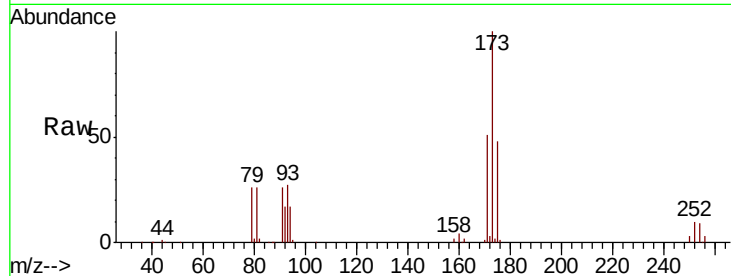
Tot Ion:173 Resp: 72617

Ion Ratio Lower Upper

173 100

175 48.0 24.1 72.3

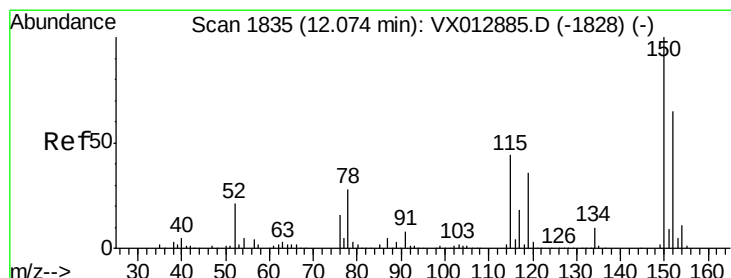
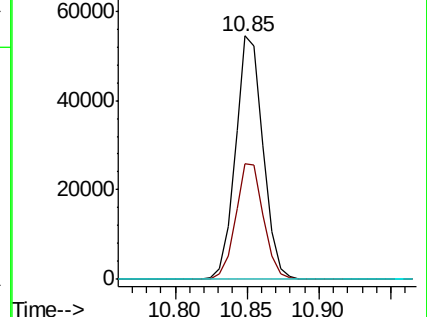
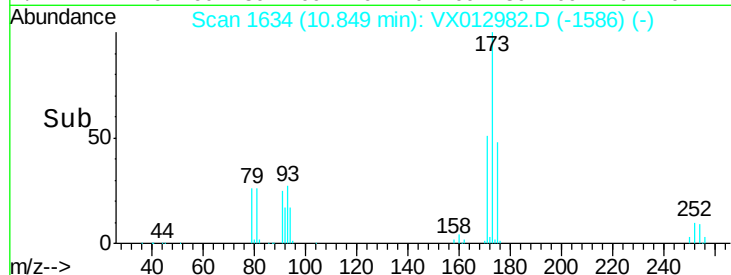
254 0.2 0.1 0.1#



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: VX012982.D

Acq: 10 Oct 2019 09:31

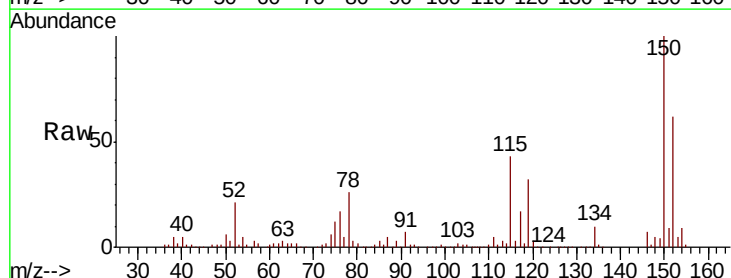
Tgt Ion:152 Resp: 127465

Ion Ratio Lower Upper

152 100

115 88.9 44.5 133.5

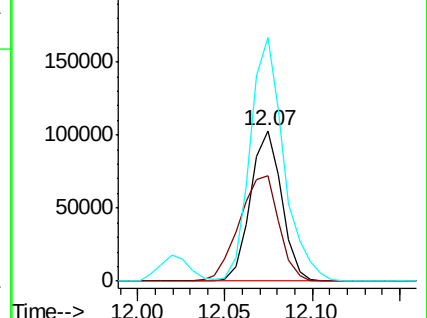
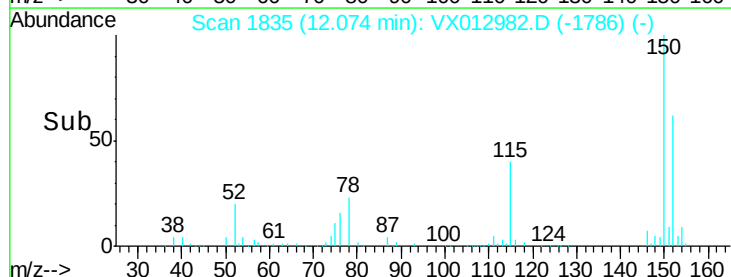
150 175.1 0.0 353.4

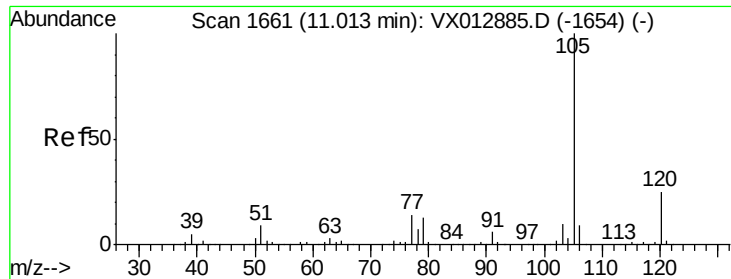


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.891 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012982.D

Acq: 10 Oct 2019 09:31

Instrument :

MSVOA_X

ClientSampleId :

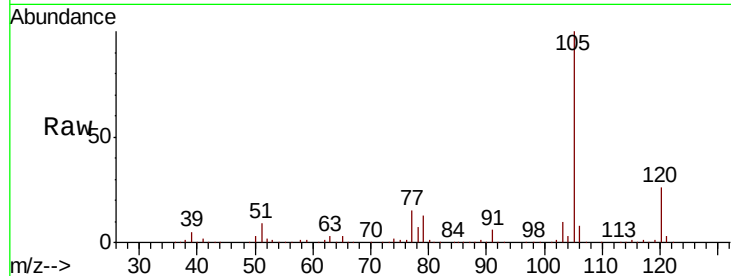
VSTDCCC050

Tot Ion:105 Resp: 505037

Ion Ratio Lower Upper

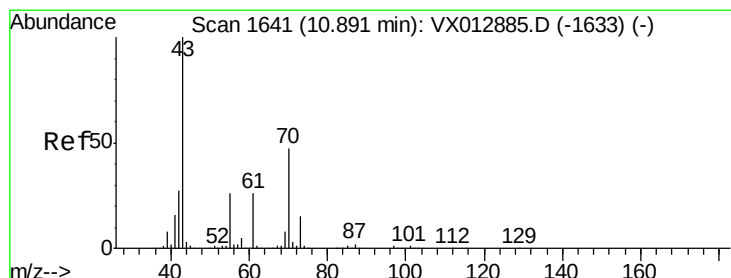
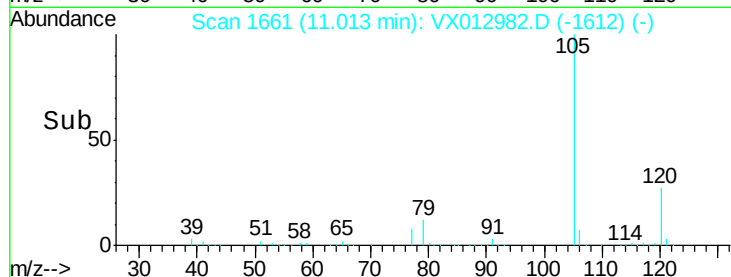
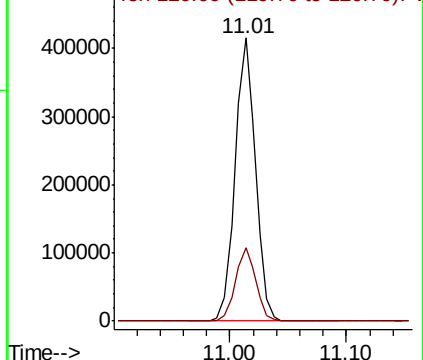
105 100

120 25.8 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: 53.304 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012982.D

Acq: 10 Oct 2019 09:31

Tgt Ion: 43 Resp: 215139

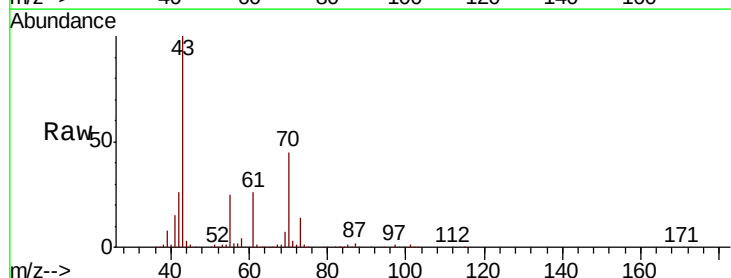
Ion Ratio Lower Upper

43 100

70 45.0 36.4 54.6

55 24.5 20.2 30.2

61 25.2 20.5 30.7

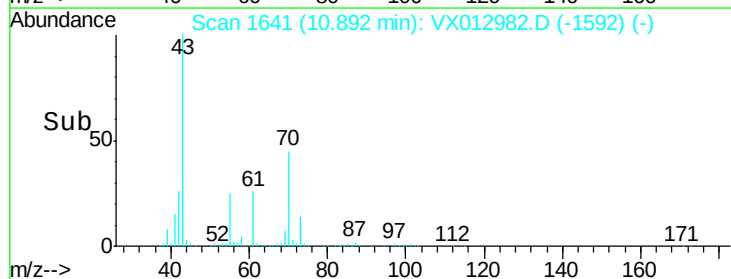
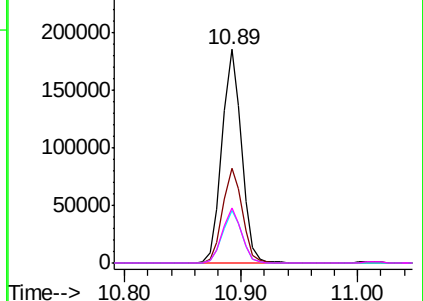


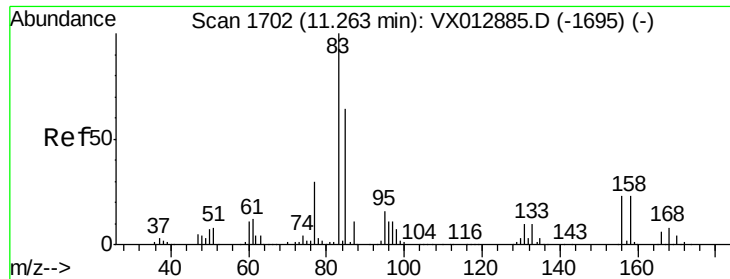
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 51.765 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012982.D

Acq: 10 Oct 2019 09:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

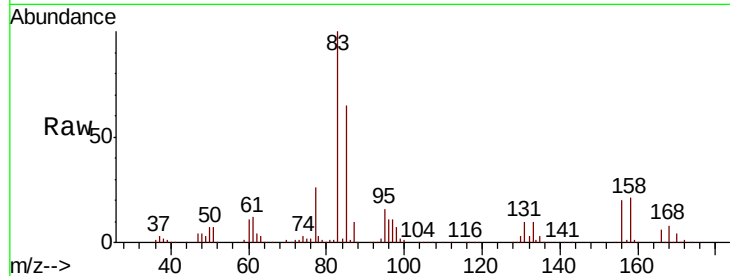
Tot Ion: 83 Resp: 161348

Ion Ratio Lower Upper

83 100

131 10.0 5.1 15.3

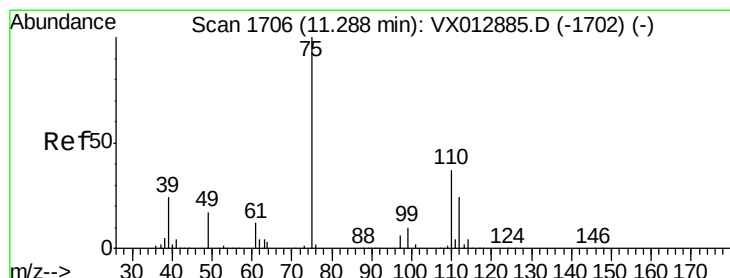
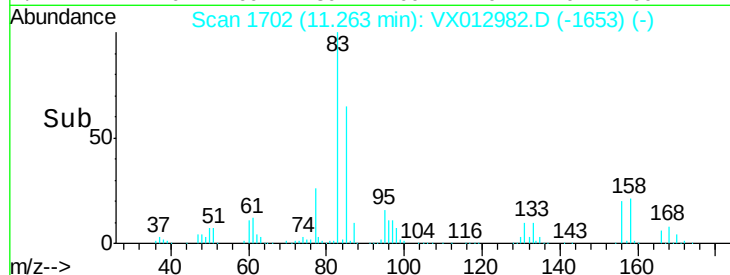
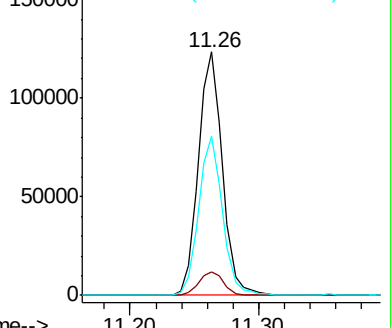
85 64.7 32.1 96.5



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: 66.978 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX012982.D

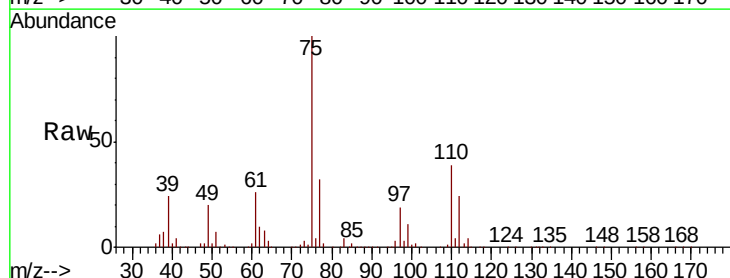
Acq: 10 Oct 2019 09:31

Tgt Ion: 75 Resp: 189358

Ion Ratio Lower Upper

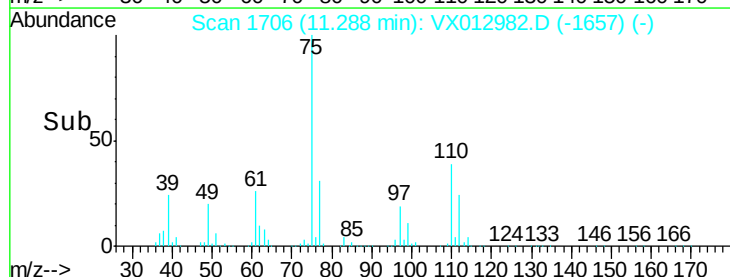
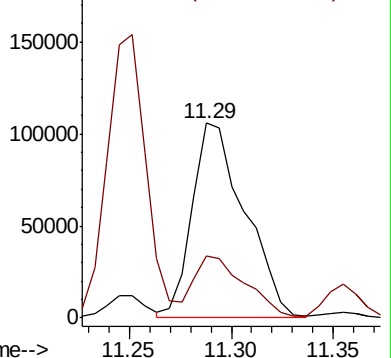
75 100

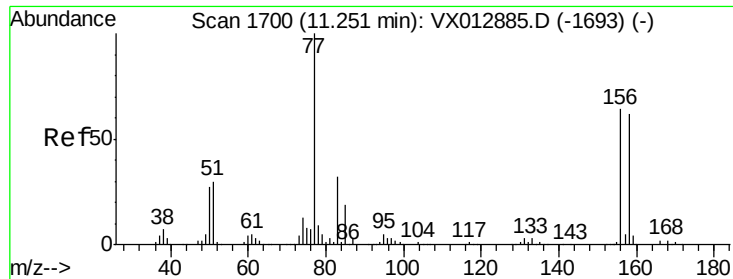
77 30.4 22.9 68.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 52.851 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012982.D

Acq: 10 Oct 2019 09:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

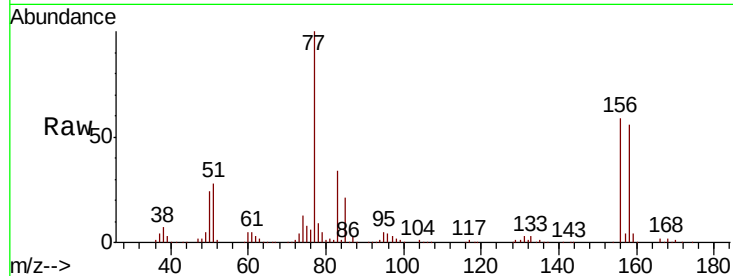
Tot Ion:156 Resp: 116715

Ion Ratio Lower Upper

156 100

77 175.4 83.7 251.0

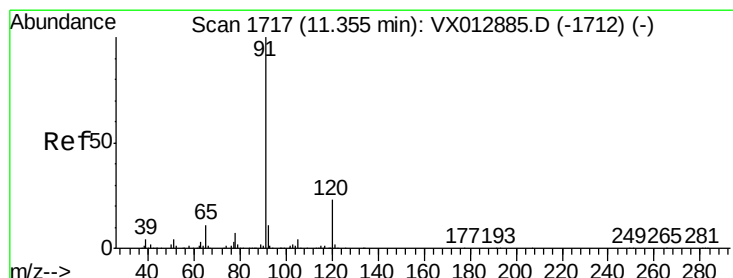
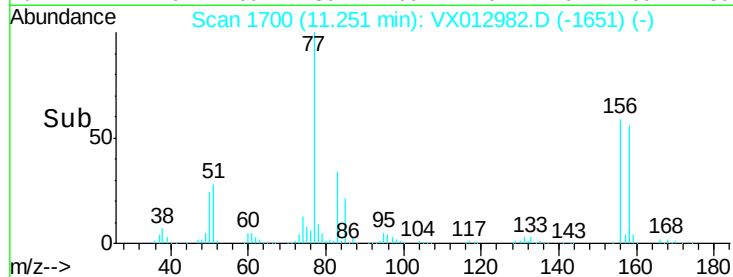
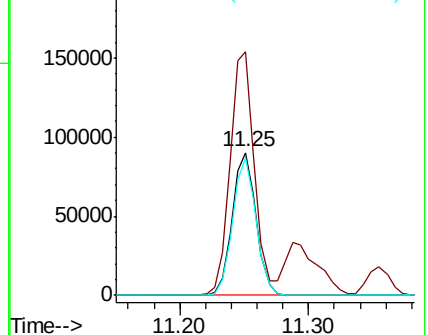
158 95.1 48.6 145.9



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: 55.917 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012982.D

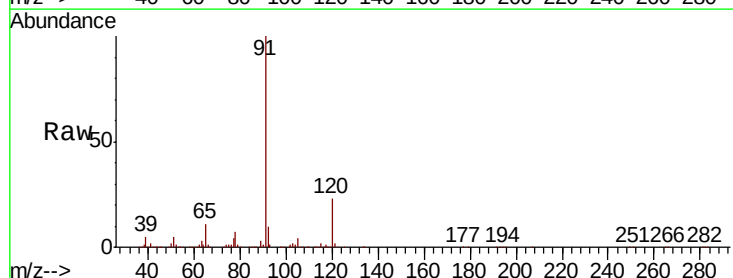
Acq: 10 Oct 2019 09:31

Tgt Ion: 91 Resp: 576622

Ion Ratio Lower Upper

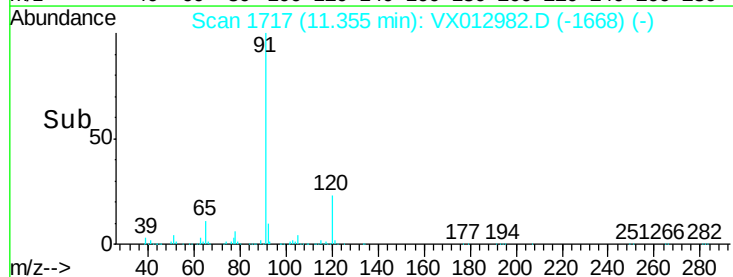
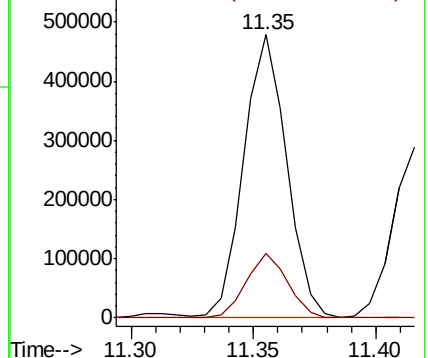
91 100

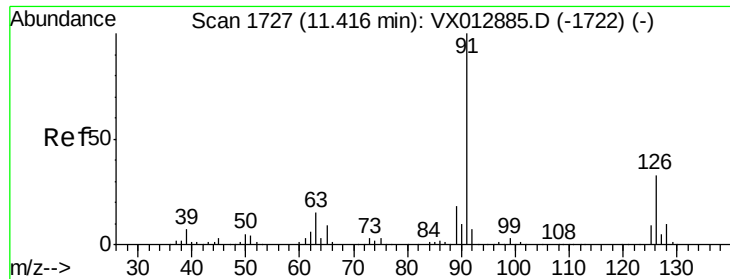
120 22.4 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

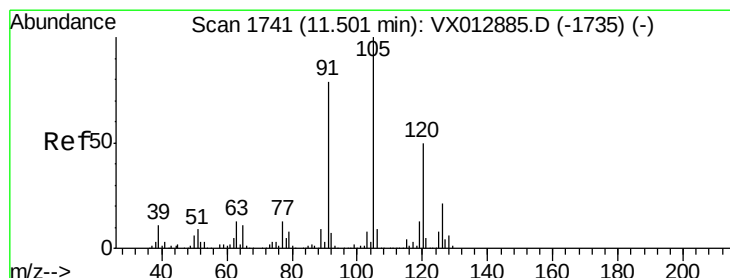
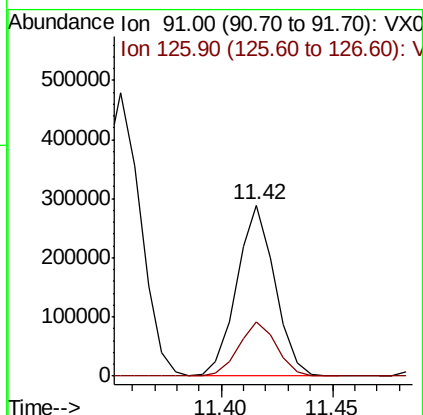
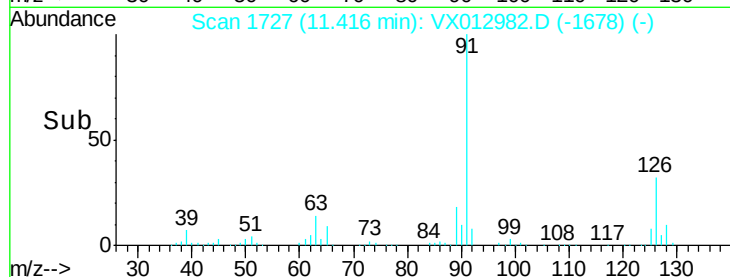
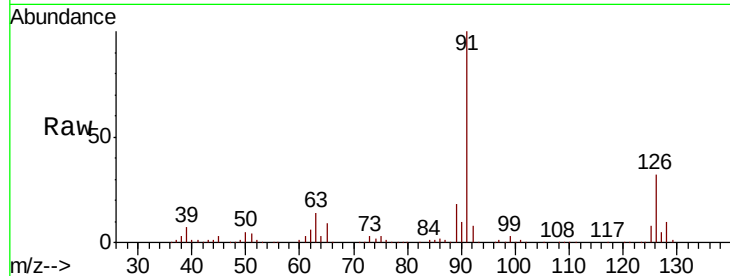




#79
 2-Chlorotoluene
 Concen: 52.970 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX012982.D
 Acq: 10 Oct 2019 09:31

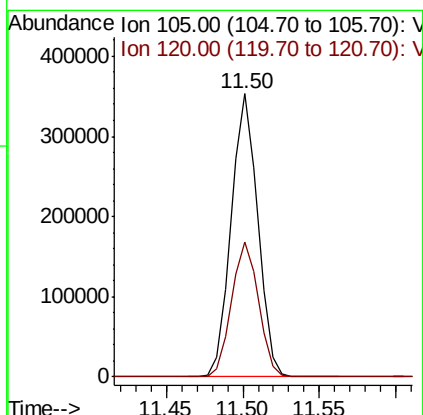
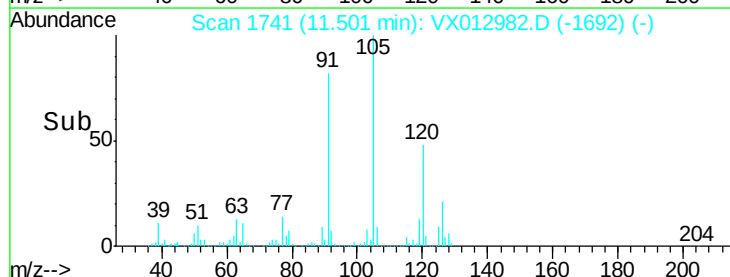
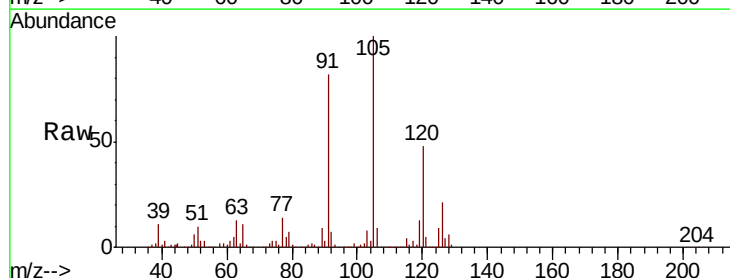
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

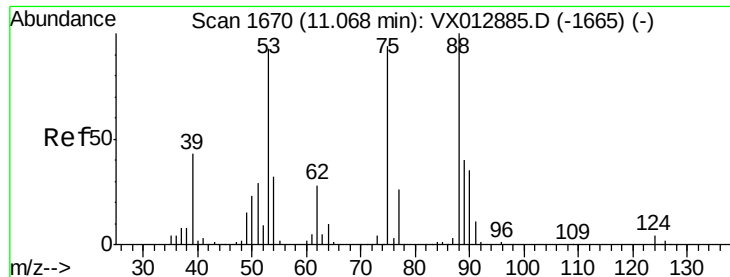
Tot Ion: 91 Resp: 343286
 Ion Ratio Lower Upper
 91 100
 126 32.1 16.3 48.8



#80
 1,3,5-Trimethylbenzene
 Concen: 54.120 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012982.D
 Acq: 10 Oct 2019 09:31

Tgt Ion: 105 Resp: 423496
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.8 74.3





#81

trans-1,4-Dichloro-2-butene

Concen: 48.151 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX012982.D

Acq: 10 Oct 2019 09:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

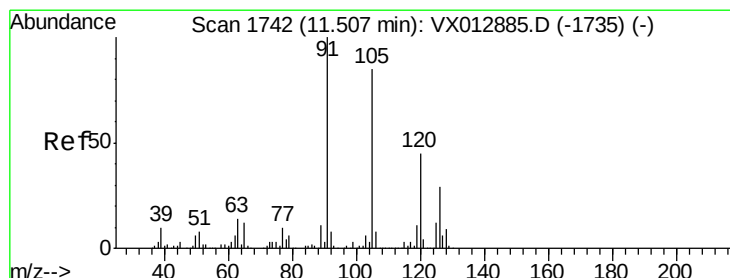
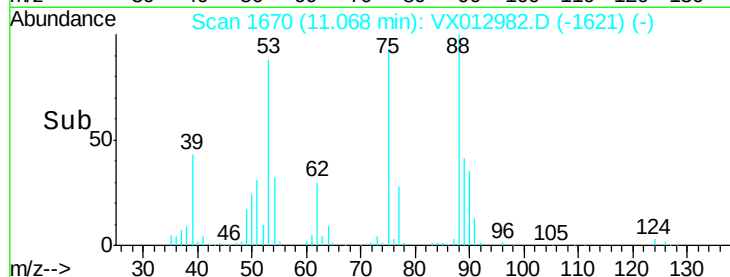
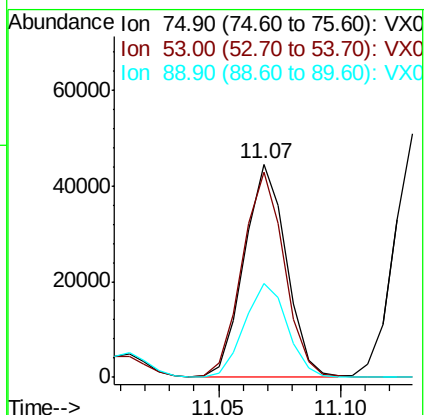
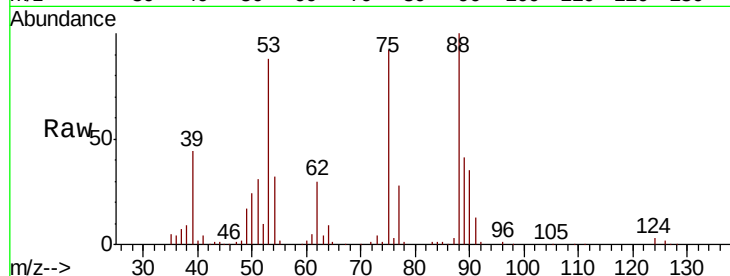
Tot Ion: 75 Resp: 52758

Ion Ratio Lower Upper

75 100

53 97.3 78.5 117.7

89 45.5 37.4 56.2



#82

4-Chlorotoluene

Concen: 54.765 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX012982.D

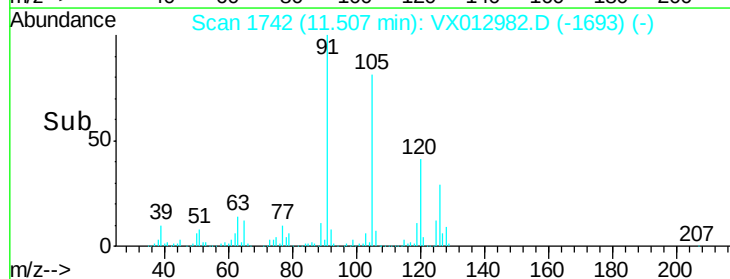
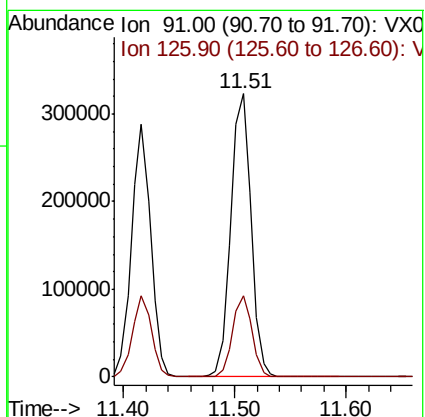
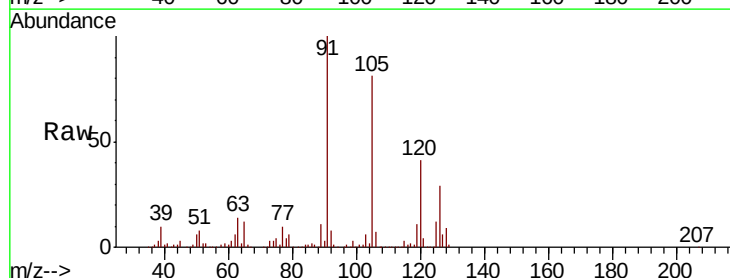
Acq: 10 Oct 2019 09:31

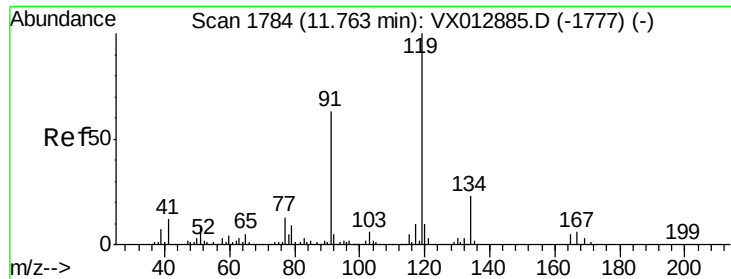
Tgt Ion: 91 Resp: 406810

Ion Ratio Lower Upper

91 100

126 27.6 14.2 42.6

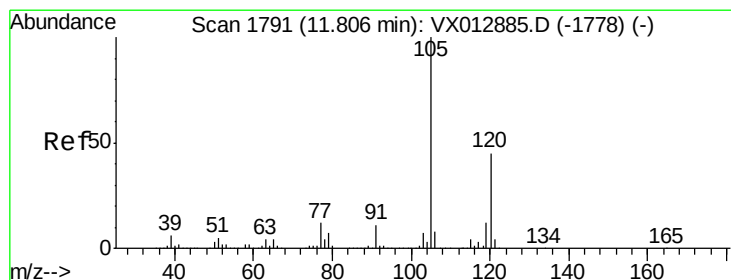
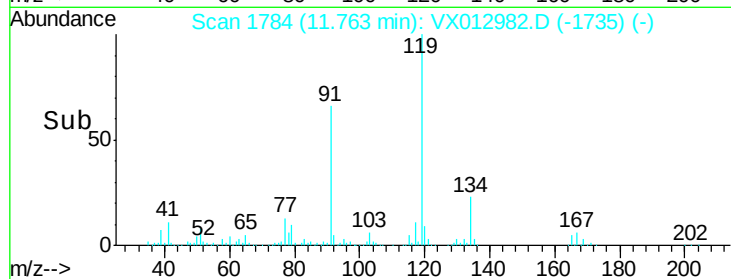
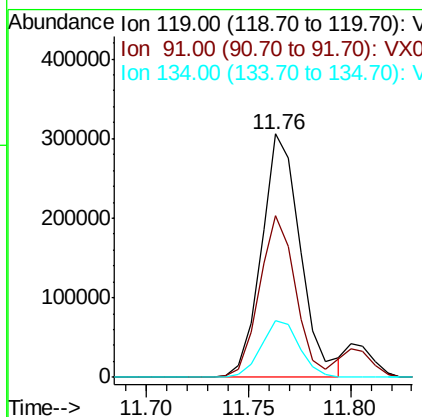
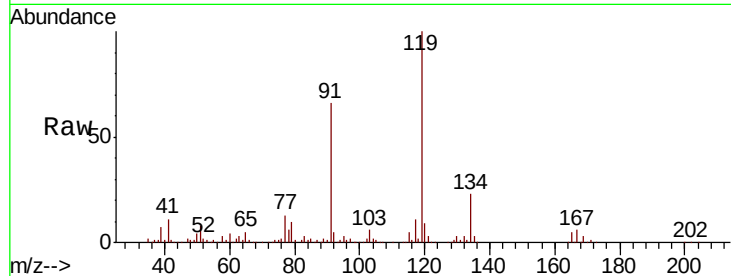




#83
 tert-Butylbenzene
 Concen: 53.255 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. 0.00 min
 Lab File: VX012982.D
 Acq: 10 Oct 2019 09:31

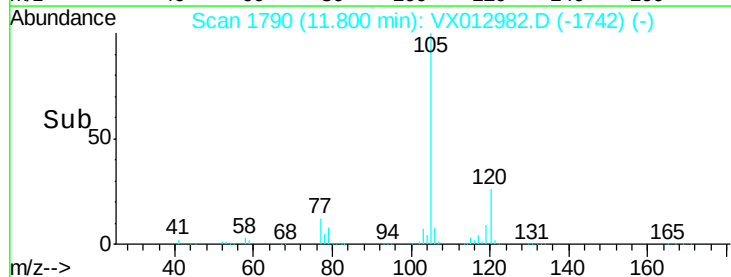
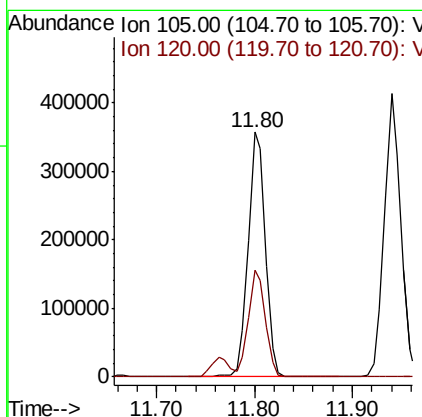
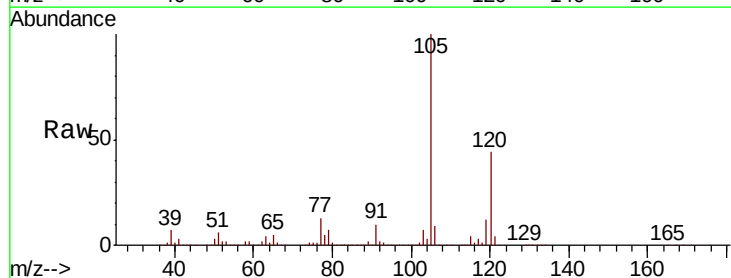
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

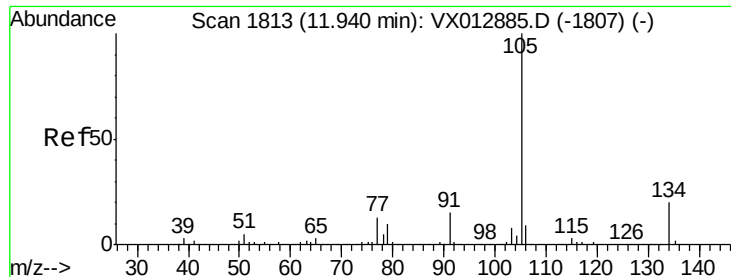
Tot Ion:119 Resp: 406520
 Ion Ratio Lower Upper
 119 100
 91 61.7 29.3 87.9
 134 22.9 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 54.941 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: VX012982.D
 Acq: 10 Oct 2019 09:31

Tgt Ion:105 Resp: 435413
 Ion Ratio Lower Upper
 105 100
 120 42.9 21.8 65.3





#85

sec-Butylbenzene

Concen: 54.861 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX012982.D

Acq: 10 Oct 2019 09:31

Instrument :

MSVOA_X

ClientSampleId :

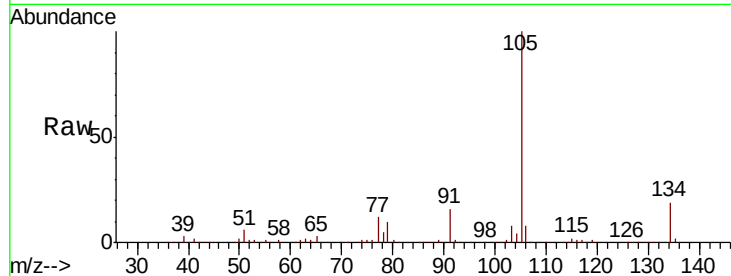
VSTDCCC050

Tot Ion:105 Resp: 485174

Ion Ratio Lower Upper

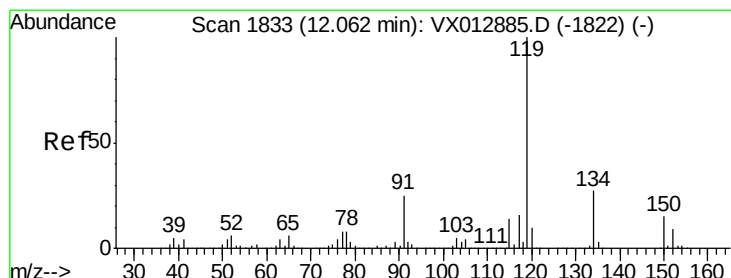
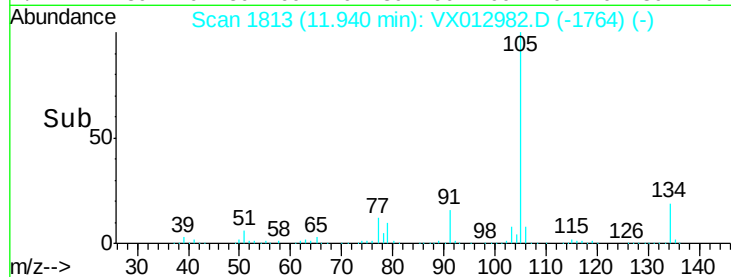
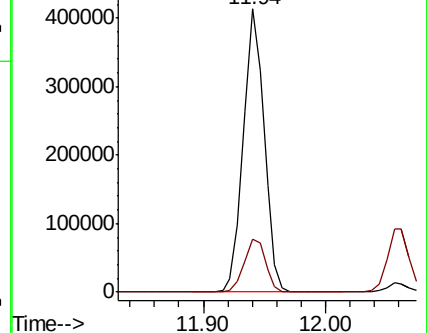
105 100

134 19.5 10.0 30.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 54.894 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX012982.D

Acq: 10 Oct 2019 09:31

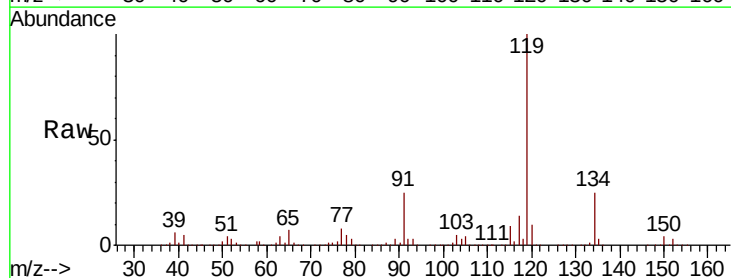
Tgt Ion:119 Resp: 450236

Ion Ratio Lower Upper

119 100

134 25.8 12.6 37.8

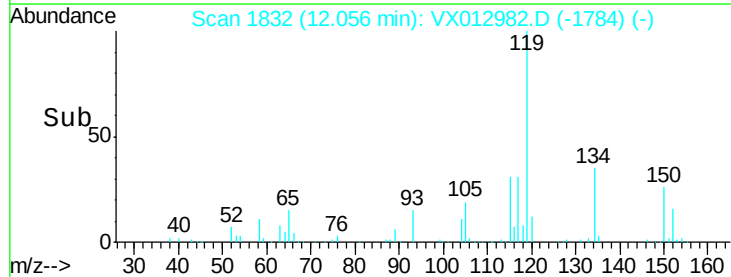
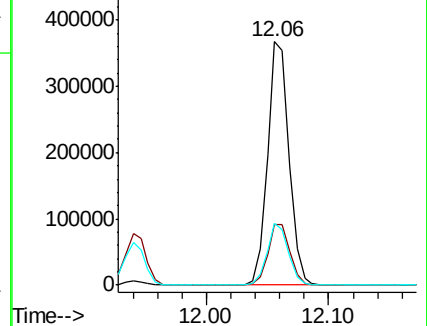
91 25.0 12.4 37.4

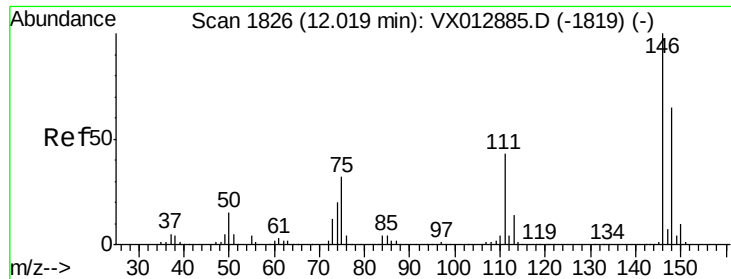


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

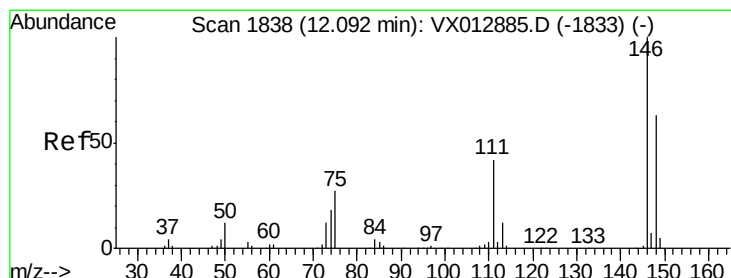
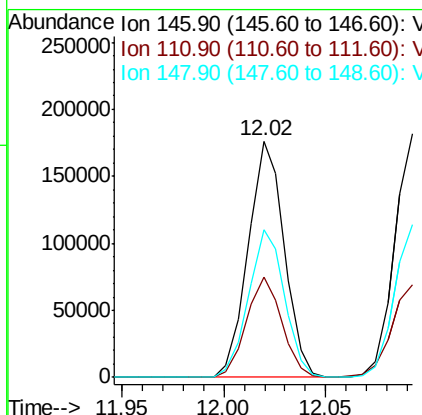
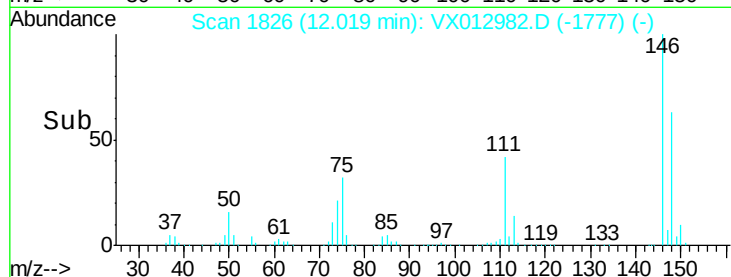
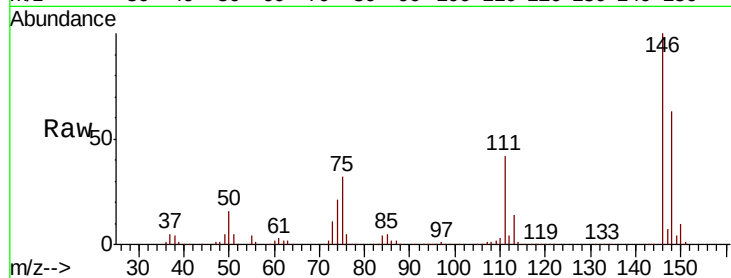




#87
 1,3-Dichlorobenzene
 Concen: 52.827 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012982.D
 Acq: 10 Oct 2019 09:31

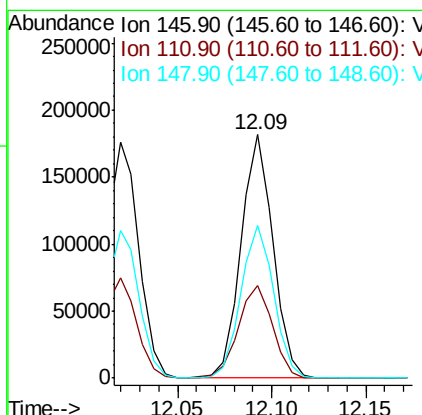
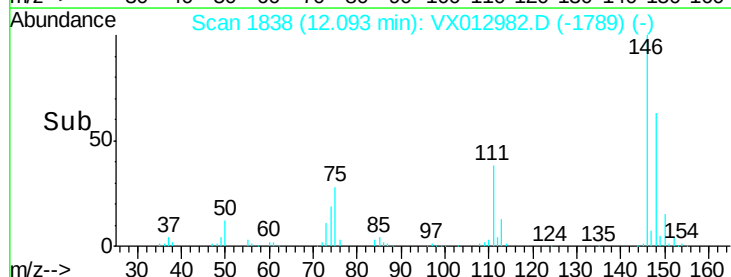
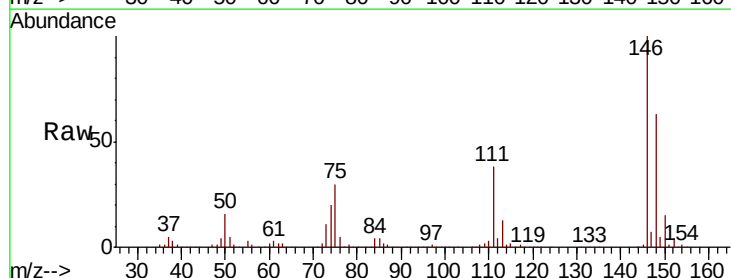
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

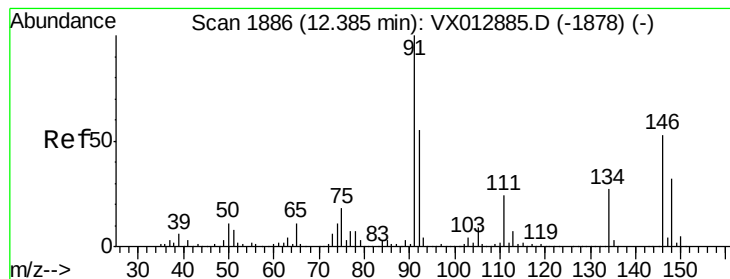
Tot Ion:146 Resp: 216640
 Ion Ratio Lower Upper
 146 100
 111 41.9 21.1 63.4
 148 62.7 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 51.362 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012982.D
 Acq: 10 Oct 2019 09:31

Tgt Ion:146 Resp: 213321
 Ion Ratio Lower Upper
 146 100
 111 41.1 21.4 64.3
 148 64.6 32.1 96.5





#89

n-Butylbenzene

Concen: 57.638 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX012982.D

Acq: 10 Oct 2019 09:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

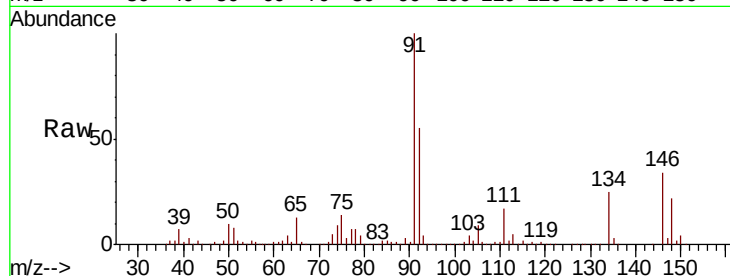
Tot Ion: 91 Resp: 397321

Ion Ratio Lower Upper

91 100

92 55.0 27.5 82.5

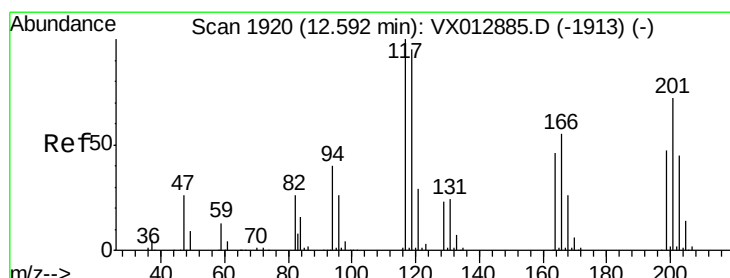
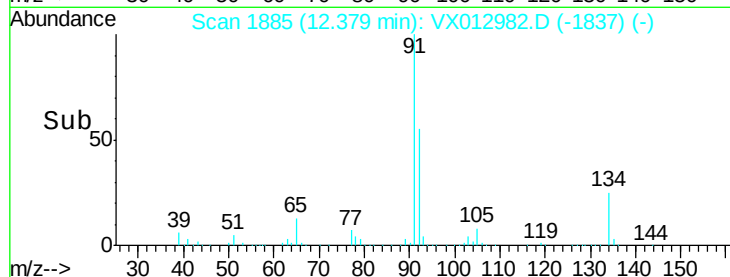
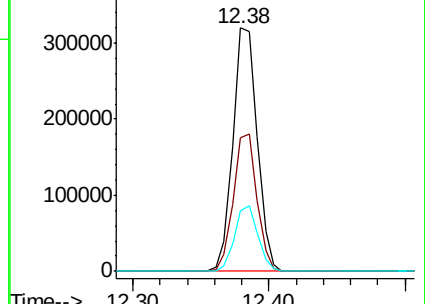
134 26.0 12.9 38.7



Abundance Ion 91.00 (90.70 to 91.70): VX012885.D (-1878) (-)

Ion 92.00 (91.70 to 92.70): VX012885.D (-1878) (-)

Ion 134.00 (133.70 to 134.70): VX012885.D (-1878) (-)



#90

Hexachloroethane

Concen: 49.514 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX012982.D

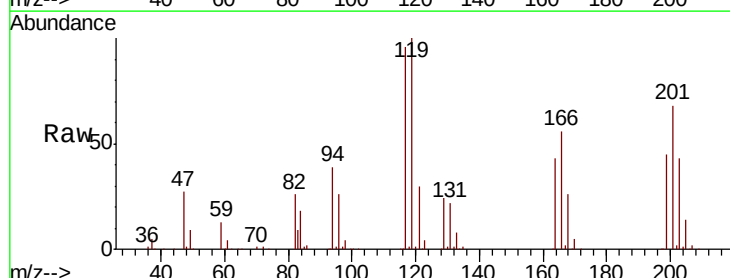
Acq: 10 Oct 2019 09:31

Tgt Ion: 117 Resp: 75185

Ion Ratio Lower Upper

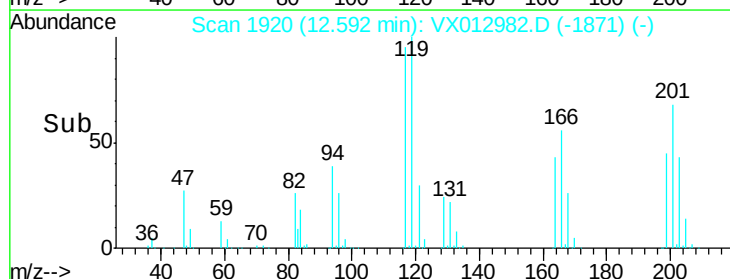
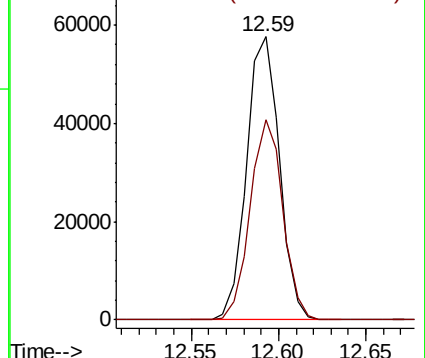
117 100

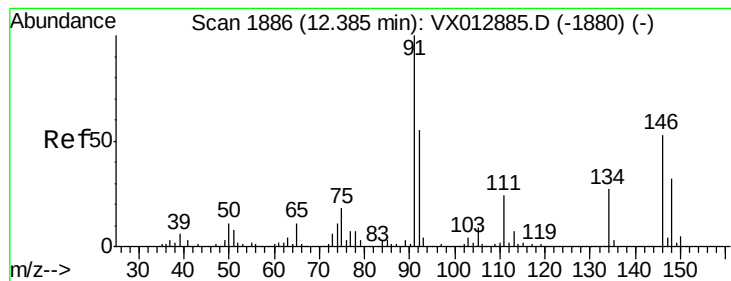
201 70.4 36.9 110.7



Abundance Ion 116.80 (116.50 to 117.50): VX012885.D (-1913) (-)

Ion 200.70 (200.40 to 201.40): VX012885.D (-1913) (-)





#91

1,2-Dichlorobenzene

Concen: 52.602 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX012982.D

Acq: 10 Oct 2019 09:31

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

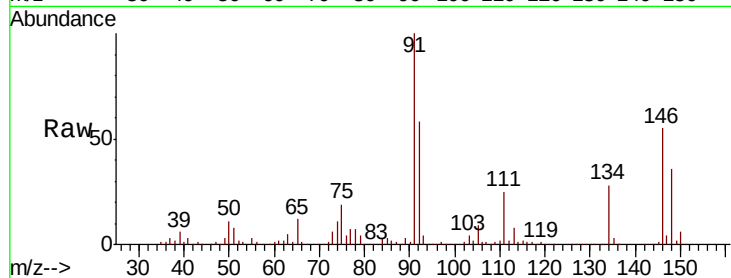
Tot Ion:146 Resp: 211479

Ion Ratio Lower Upper

146 100

111 45.1 22.7 68.0

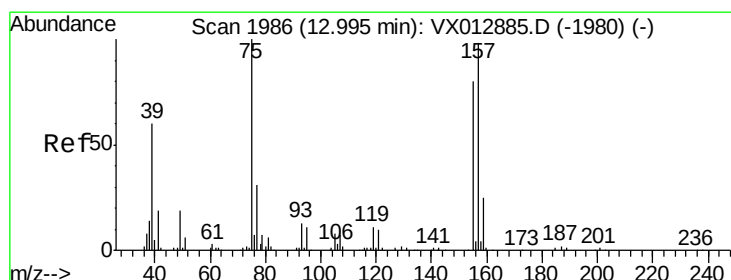
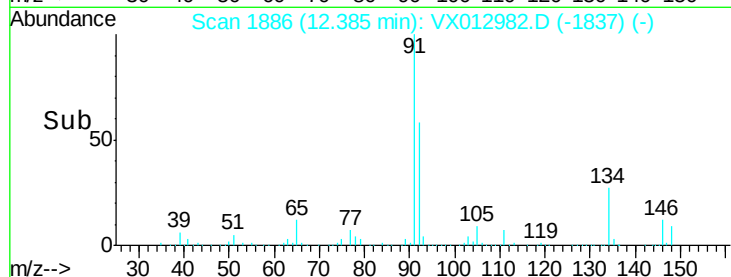
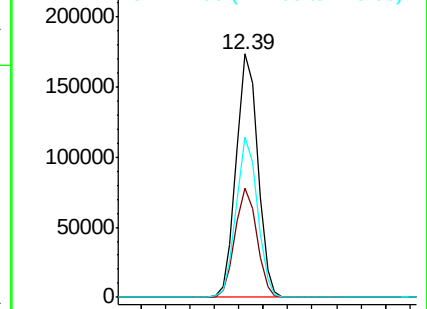
148 64.8 31.6 94.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.032 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX012982.D

Acq: 10 Oct 2019 09:31

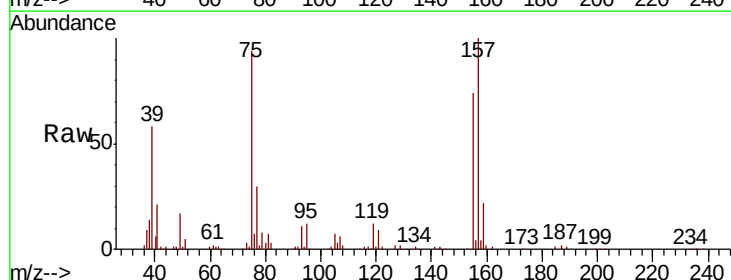
Tgt Ion: 75 Resp: 39474

Ion Ratio Lower Upper

75 100

155 79.1 43.0 128.8

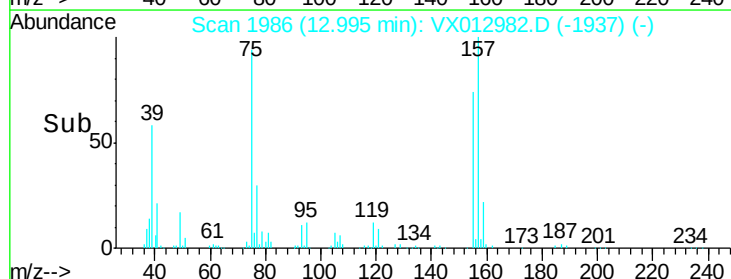
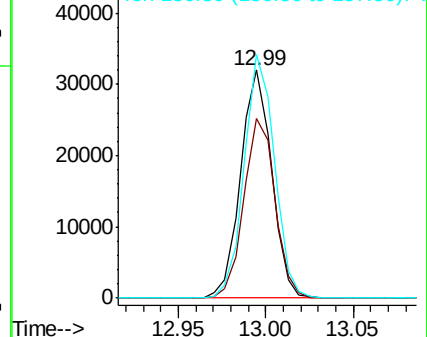
157 104.4 54.1 162.3

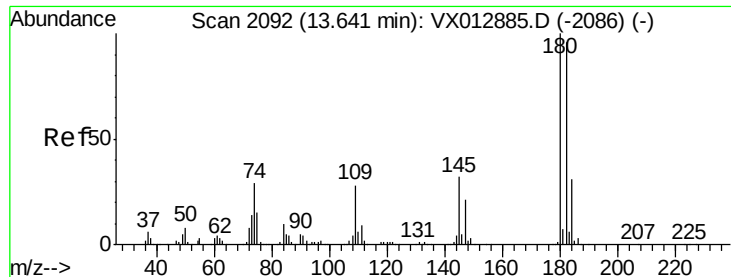


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

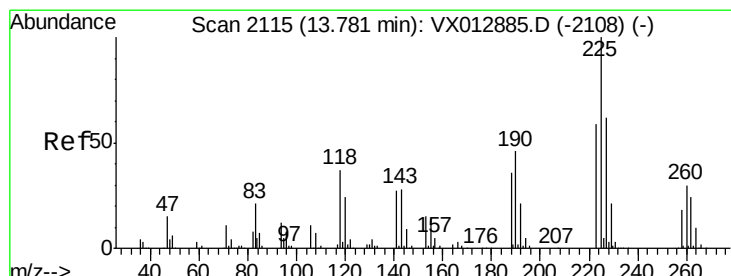
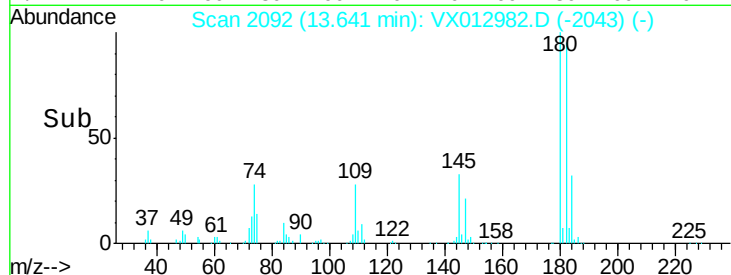
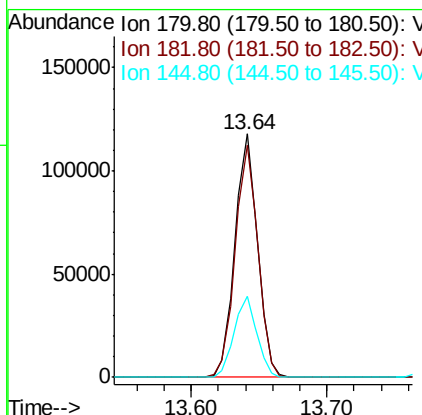
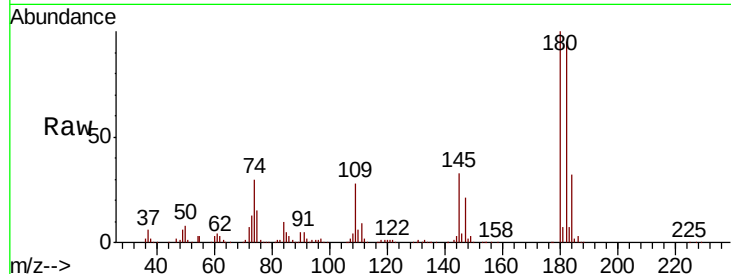




#93
 1,2,4-Trichlorobenzene
 Concen: 53.988 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012982.D
 Acq: 10 Oct 2019 09:31

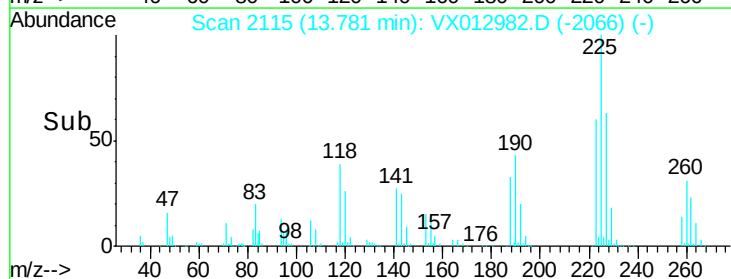
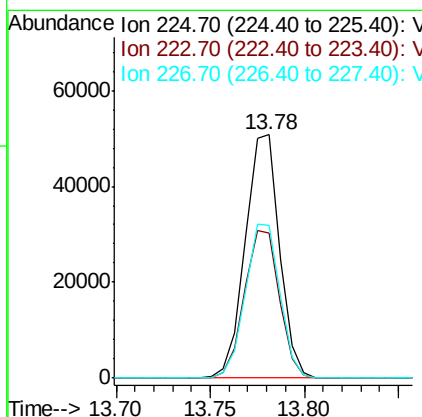
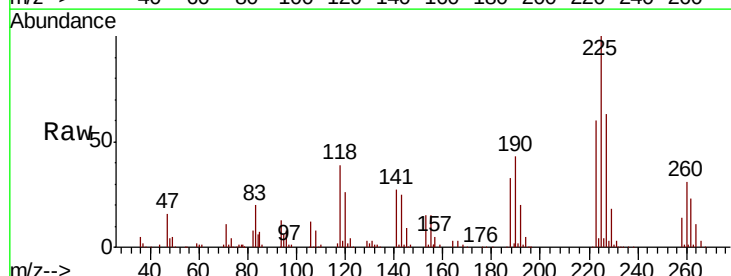
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

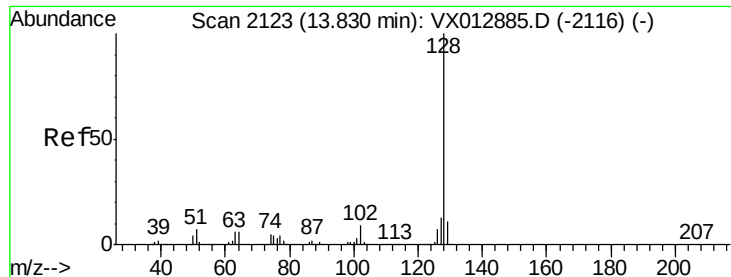
Tot Ion:180 Resp: 135968
 Ion Ratio Lower Upper
 180 100
 182 96.1 46.8 140.4
 145 33.6 16.2 48.6



#94
 Hexachlorobutadiene
 Concen: 55.244 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VX012982.D
 Acq: 10 Oct 2019 09:31

Tgt Ion:225 Resp: 64209
 Ion Ratio Lower Upper
 225 100
 223 61.8 31.1 93.2
 227 63.8 32.3 96.9

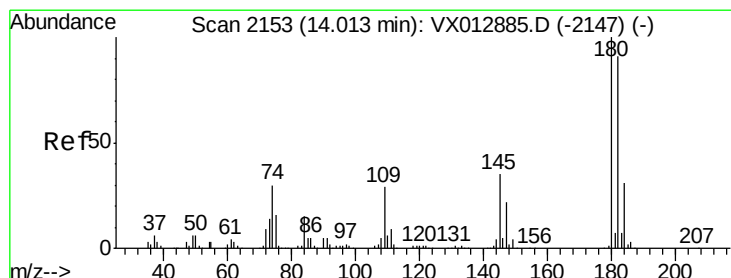
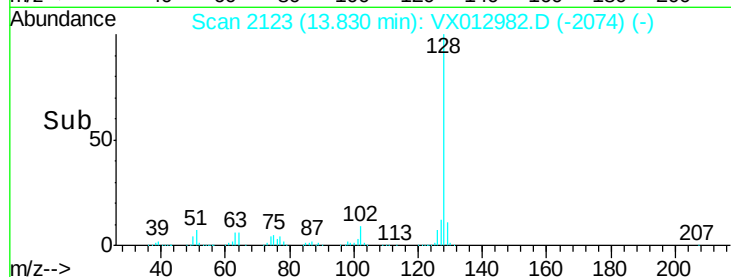
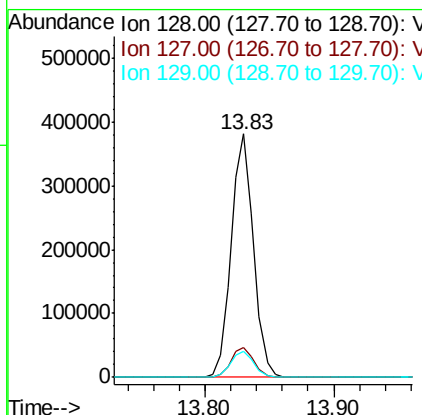
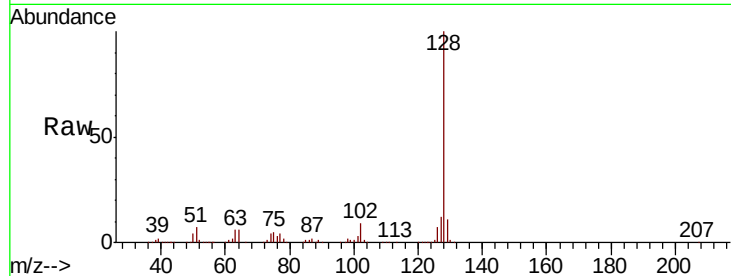




#95
Naphthalene
Concen: 52.710 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012982.D
Acq: 10 Oct 2019 09:31

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 460176
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 52.670 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX012982.D
Acq: 10 Oct 2019 09:31

Tgt Ion:180 Resp: 137078
Ion Ratio Lower Upper
180 100
182 93.5 47.5 142.5
145 34.6 17.4 52.3

