

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102519\
 Data File : VX013217.D
 Acq On : 24 Oct 2019 17:25
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 25 01:22:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 24 03:56:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	80895	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	115768	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	118689	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	81086	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	83188	49.17	ug/l	0.00
Spiked Amount			Recovery	=	98.34%	
35) Dibromofluoromethane	5.49	113	66416	51.45	ug/l	0.00
Spiked Amount			Recovery	=	102.90%	
50) Toluene-d8	8.71	98	239519	50.06	ug/l	0.00
Spiked Amount			Recovery	=	100.12%	
62) 4-Bromofluorobenzene	11.14	95	95831	50.61	ug/l	0.00
Spiked Amount			Recovery	=	101.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	76578	46.914	ug/l	99
3) Chloromethane	1.32	50	63221	47.089	ug/l	98
4) Vinyl Chloride	1.40	62	69009	46.977	ug/l	100
5) Bromomethane	1.63	94	35814	45.997	ug/l	96
6) Chloroethane	1.71	64	43211	52.701	ug/l	99
7) Trichlorofluoromethane	1.92	101	117939	50.873	ug/l	97
8) Diethyl Ether	2.18	74	40231	50.604	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	70014	48.771	ug/l	100
10) Methyl Iodide	2.50	142	79993	44.638	ug/l	99
11) Tert butyl alcohol	3.03	59	99516	271.209	ug/l	99
12) 1,1-Dichloroethene	2.36	96	66810	48.482	ug/l	99
13) Acrolein	2.28	56	60684	305.695	ug/l	97
14) Allyl chloride	2.72	41	104422	48.132	ug/l	99
15) Acrylonitrile	3.13	53	188460	252.703	ug/l	99
16) Acetone	2.44	43	198915	249.543	ug/l	98
17) Carbon Disulfide	2.56	76	169219	45.675	ug/l	99
18) Methyl Acetate	2.76	43	91036	52.258	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	242585	49.989	ug/l	99
20) Methylene Chloride	2.84	84	76568	51.358	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	73210	51.049	ug/l	95
22) Diisopropyl ether	3.84	45	207947	49.021	ug/l	97
23) Vinyl Acetate	3.80	43	920821	255.394	ug/l	99
24) 1,1-Dichloroethane	3.69	63	128421	49.219	ug/l	99
25) 2-Butanone	4.66	43	263514	246.502	ug/l	98
26) 2,2-Dichloropropane	4.57	77	117934	48.907	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	83285	49.349	ug/l	99
28) Bromochloromethane	5.00	49	34562	51.371	ug/l	100
29) Tetrahydrofuran	5.11	42	156521	242.908	ug/l	99
30) Chloroform	5.20	83	137762	49.590	ug/l	96
31) Cyclohexane	5.57	56	107639	49.192	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	125298	50.727	ug/l	98
36) 1,1-Dichloropropene	5.79	75	99382	51.286	ug/l	100
37) Ethyl Acetate	4.82	43	98184	50.894	ug/l	99
38) Carbon Tetrachloride	5.78	117	108325	50.623	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	119749	48.318	ug/l	96
40) Benzene	6.13	78	290683	49.990	ug/l	98
41) Methacrylonitrile	5.03	41	55896	54.042	ug/l	98
42) 1,2-Dichloroethane	6.18	62	112801	51.451	ug/l	100
43) Isopropyl Acetate	6.43	43	163593	51.074	ug/l	99
44) Trichloroethene	7.21	130	83675	50.701	ug/l	99
45) 1,2-Dichloropropane	7.51	63	72494	49.776	ug/l	98
46) Dibromomethane	7.65	93	52368	49.908	ug/l	99
47) Bromodichloromethane	7.89	83	107418	52.530	ug/l	97
48) Methyl methacrylate	7.76	41	80937	51.125	ug/l	99
49) 1,4-Dioxane	7.73	88	40963	1016.647	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	499854	256.026	ug/l	99
52) Toluene	8.78	92	189109	49.073	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	118117	54.356	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	126125	53.056	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	77634	50.955	ug/l	98
56) Ethyl methacrylate	9.17	69	122864	53.580	ug/l	99
57) 1,3-Dichloropropane	9.37	76	127296	49.517	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	249188	278.498	ug/l	99
59) 2-Hexanone	9.48	43	390677	259.778	ug/l	98
60) Dibromochloromethane	9.57	129	85302	53.431	ug/l	99
61) 1,2-Dibromoethane	9.67	107	81883	50.625	ug/l	99
64) Tetrachloroethene	9.33	164	78250	53.570	ug/l	97
65) Chlorobenzene	10.14	112	205192	49.387	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	78638	51.235	ug/l	100
67) Ethyl Benzene	10.25	91	366847	49.320	ug/l	99
68) m/p-Xylenes	10.35	106	279832	99.550	ug/l	99
69) o-Xylene	10.70	106	132953	49.306	ug/l	99
70) Styrene	10.71	104	235106	50.635	ug/l	100
71) Bromoform	10.85	173	61651	54.973	ug/l	100
73) Isopropylbenzene	11.01	105	367673	49.933	ug/l	100
74) N-amyl acetate	10.89	43	140844	52.115	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	109977	49.189	ug/l	95
76) 1,2,3-Trichloropropane	11.29	75	130962	67.012	ug/l	89
77) Bromobenzene	11.25	156	87003	49.299	ug/l	97
78) n-propylbenzene	11.35	91	394212	49.286	ug/l	99
79) 2-Chlorotoluene	11.42	91	253326	50.127	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	316034	51.637	ug/l	94
81) trans-1,4-Dichloro-2-buten	11.07	75	38573	54.237	ug/l	98
82) 4-Chlorotoluene	11.51	91	279232	48.765	ug/l	100
83) tert-Butylbenzene	11.76	119	303364	50.099	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	314373	50.924	ug/l	99
85) sec-Butylbenzene	11.94	105	342331	49.679	ug/l	99
86) p-Isopropyltoluene	12.06	119	324854	50.180	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	161121	50.536	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	154900	47.719	ug/l	100
89) n-Butylbenzene	12.39	91	265384	50.112	ug/l	97
90) Hexachloroethane	12.59	117	57357	52.906	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	152983	48.797	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.99	75	30030	54.012	ug/l	97

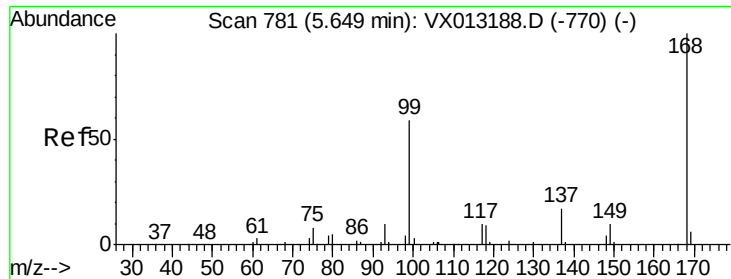
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102519\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	102911	52.129	ug/l	97
94) Hexachlorobutadiene	13.78	225	49066	48.047	ug/l	96
95) Naphthalene	13.83	128	333584	55.056	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	100888	51.717	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. -0.00 min

Lab File: VX013217.D

Acq: 24 Oct 2019 17:25

Instrument :

MSVOA_X

ClientSampleId :

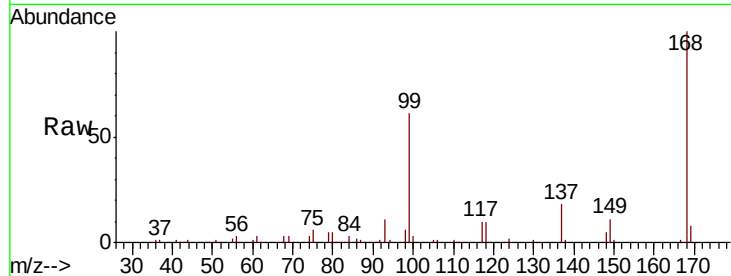
VSTDCCC050EC

Tot Ion:168 Resp: 80895

Ion Ratio Lower Upper

168 100

99 60.9 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

30000

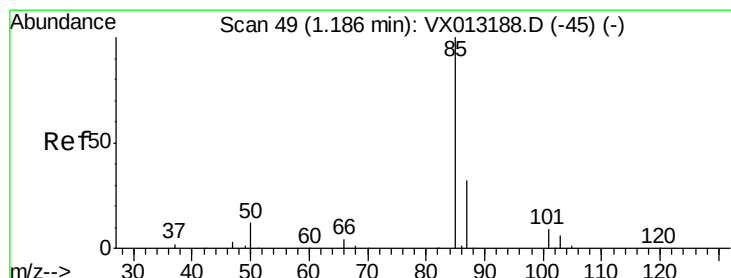
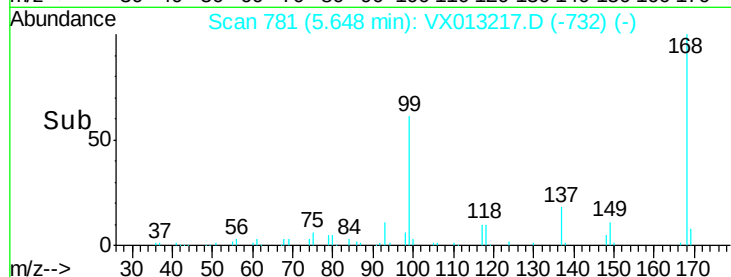
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 46.914 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX013217.D

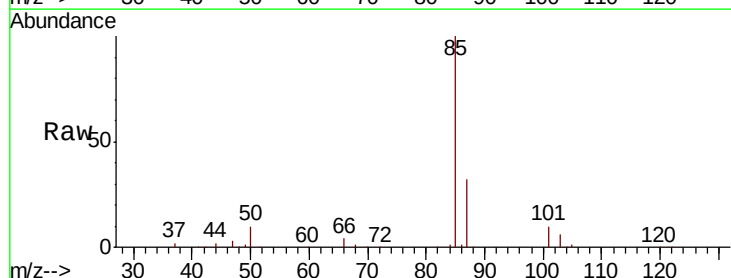
Acq: 24 Oct 2019 17:25

Tgt Ion: 85 Resp: 76578

Ion Ratio Lower Upper

85 100

87 31.6 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

80000

60000

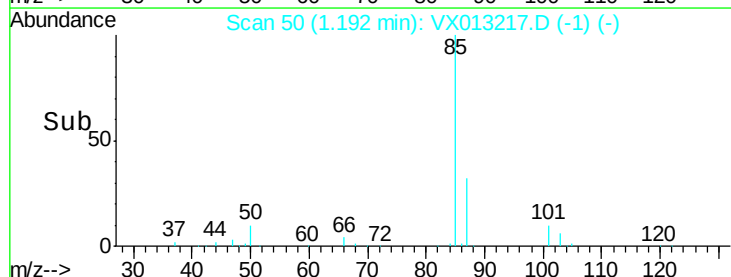
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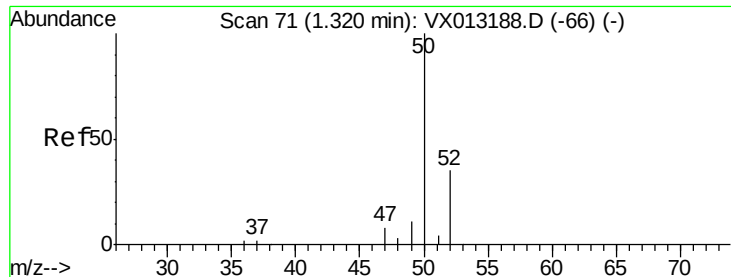
20000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 47.089 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX013217.D

Acq: 24 Oct 2019 17:25

Instrument :

MSVOA_X

ClientSampleId :

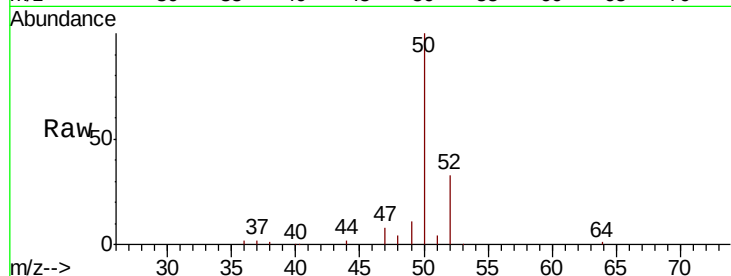
VSTDCCC050EC

Tot Ion: 50 Resp: 63221

Ion Ratio Lower Upper

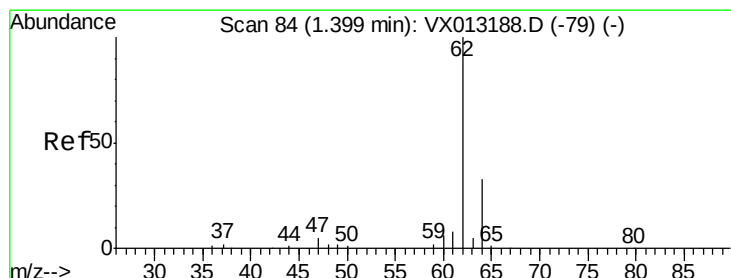
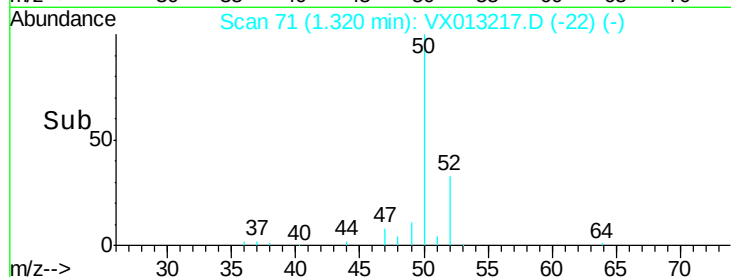
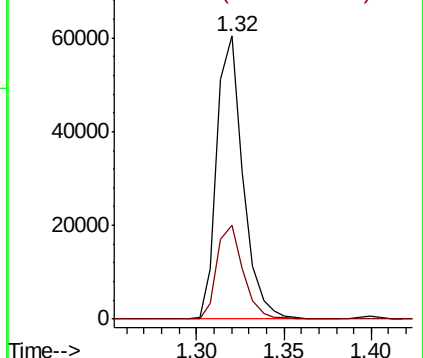
50 100

52 33.3 27.8 41.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 46.977 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013217.D

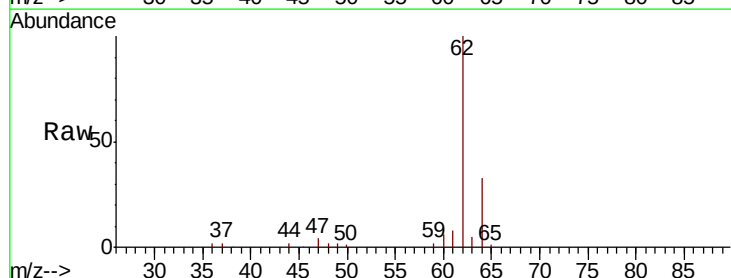
Acq: 24 Oct 2019 17:25

Tgt Ion: 62 Resp: 69009

Ion Ratio Lower Upper

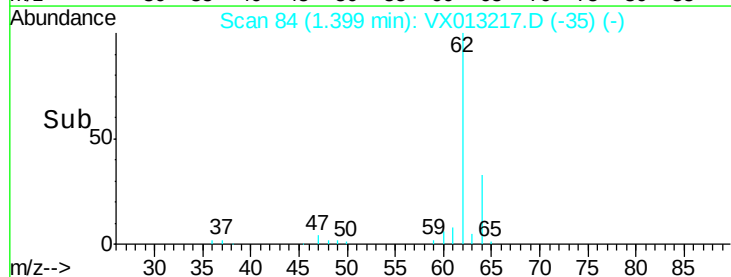
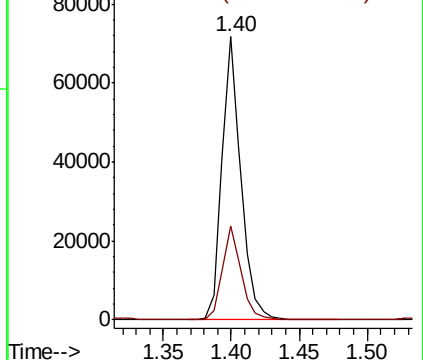
62 100

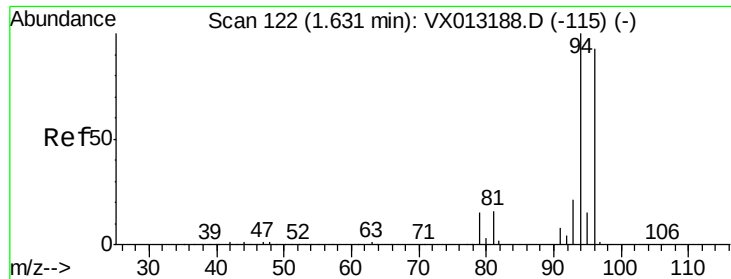
64 32.9 26.4 39.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 45.997 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013217.D

Acq: 24 Oct 2019 17:25

Instrument :

MSVOA_X

ClientSampleId :

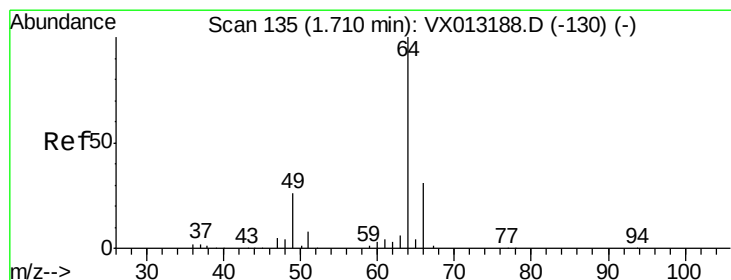
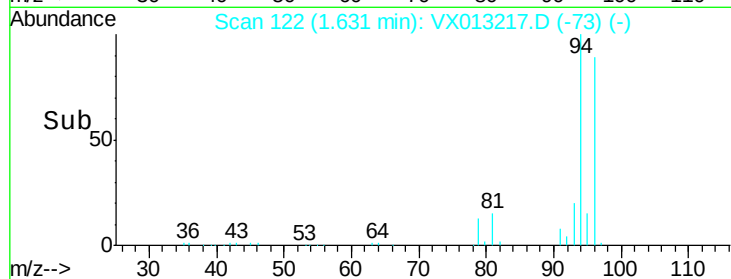
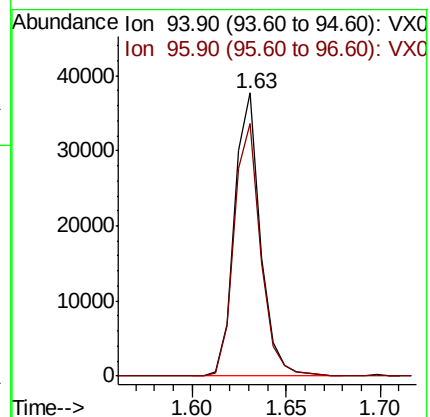
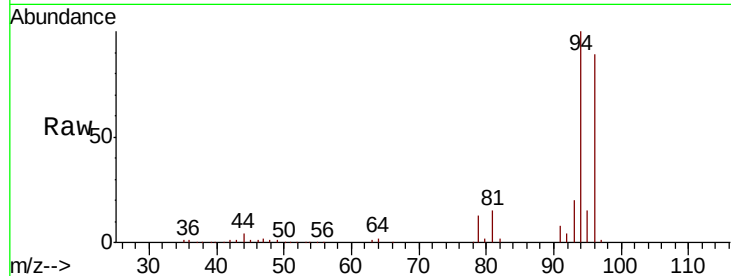
VSTDCCC050EC

Tot Ion: 94 Resp: 35814

Ion Ratio Lower Upper

94 100

96 89.3 74.2 111.2



#6

Chloroethane

Concen: 52.701 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX013217.D

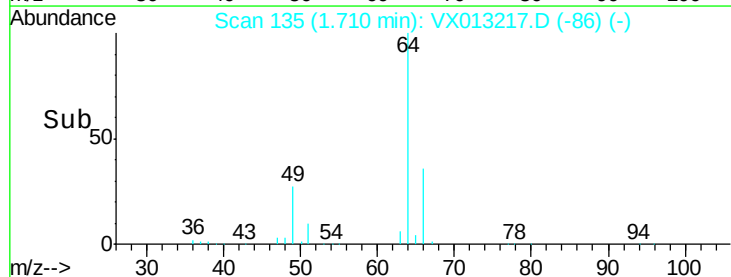
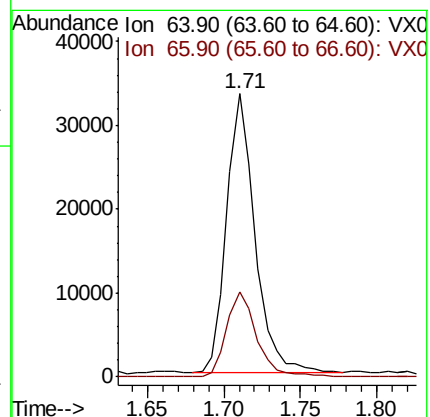
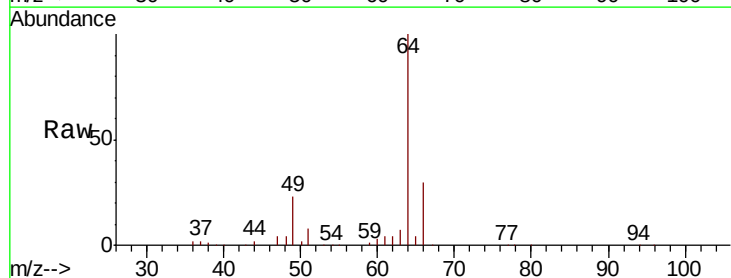
Acq: 24 Oct 2019 17:25

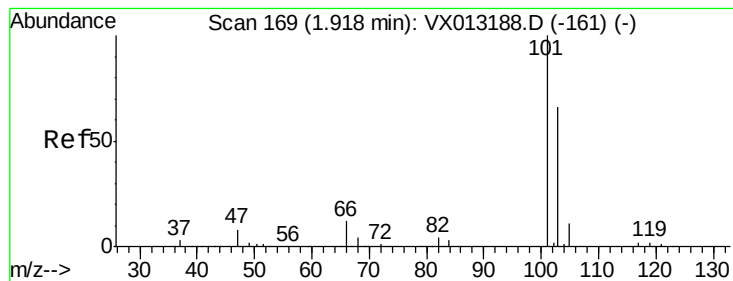
Tgt Ion: 64 Resp: 43211

Ion Ratio Lower Upper

64 100

66 30.6 25.0 37.6



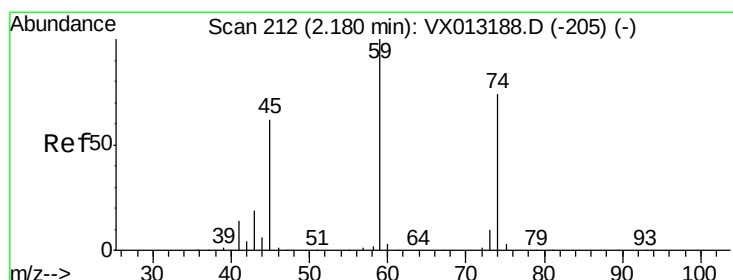
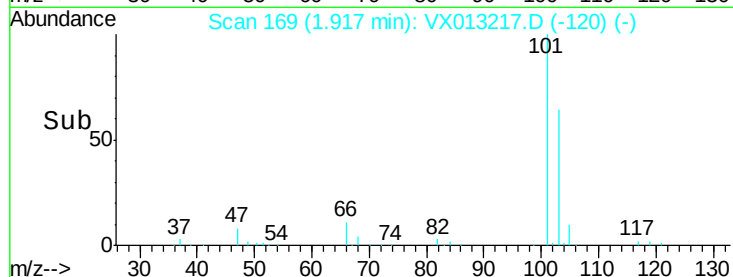
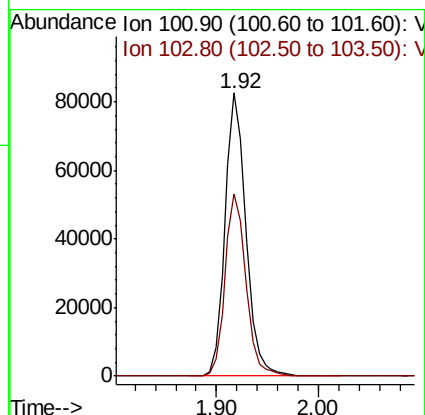
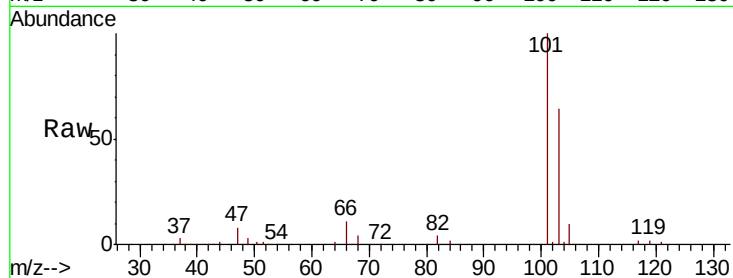


#7

Trichlorofluoromethane
 Concen: 50.873 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX013217.D
 Acq: 24 Oct 2019 17:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

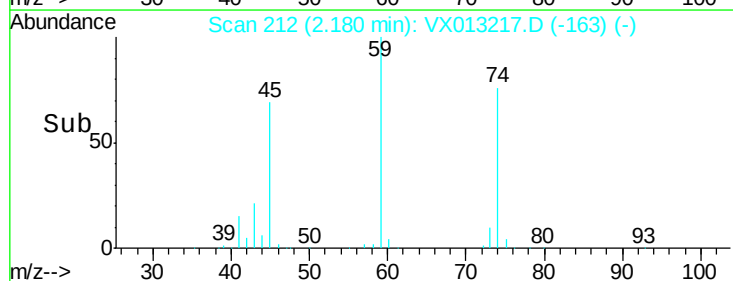
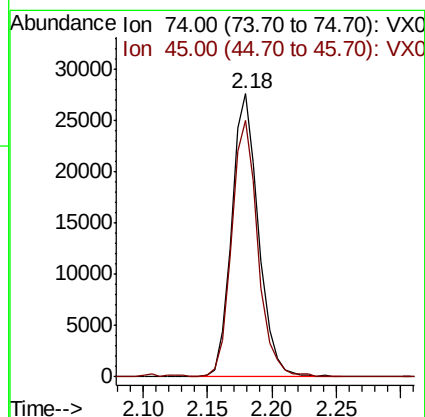
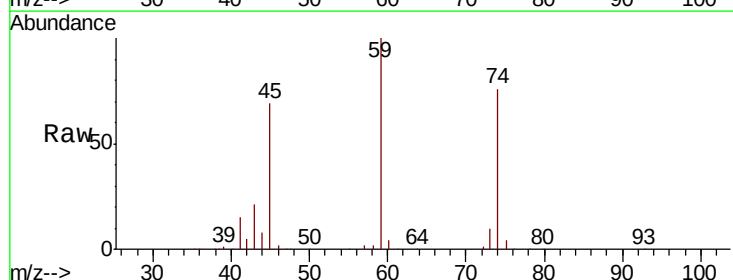
Tot Ion:101 Resp: 117939
 Ion Ratio Lower Upper
 101 100
 103 64.3 53.0 79.6

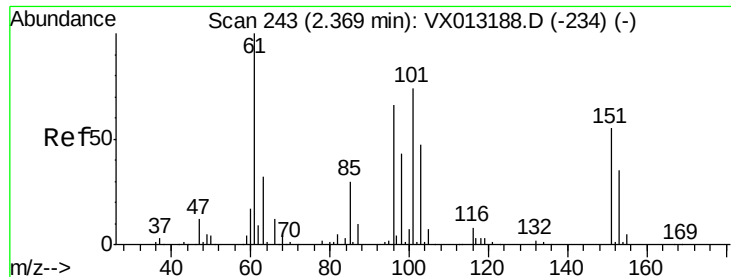


#8

Diethyl Ether
 Concen: 50.604 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX013217.D
 Acq: 24 Oct 2019 17:25

Tgt Ion: 74 Resp: 40231
 Ion Ratio Lower Upper
 74 100
 45 88.9 44.8 134.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.771 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX013217.D

Acq: 24 Oct 2019 17:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

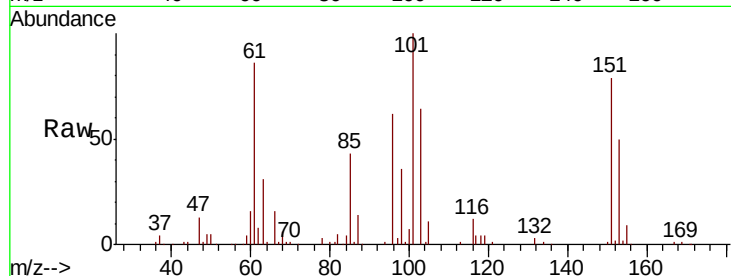
Tot Ion:101 Resp: 70014

Ion Ratio Lower Upper

101 100

85 42.9 34.0 51.0

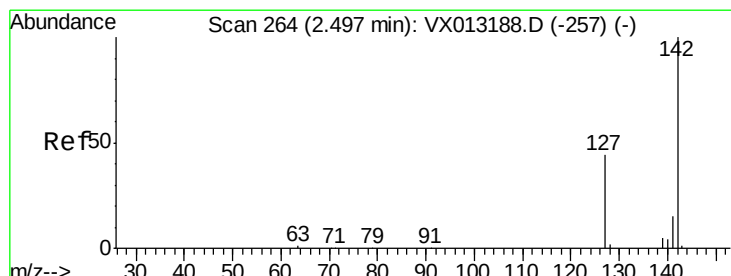
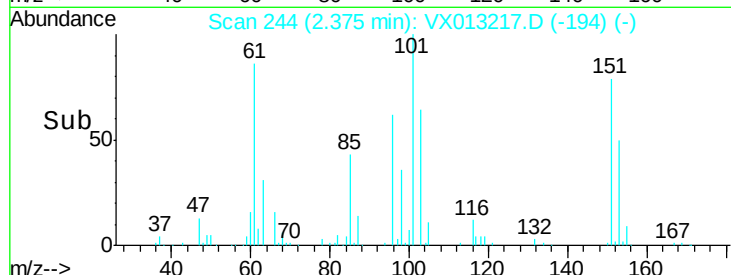
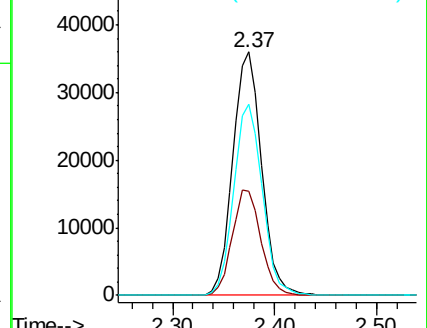
151 77.8 62.0 93.0



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: 44.638 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX013217.D

Acq: 24 Oct 2019 17:25

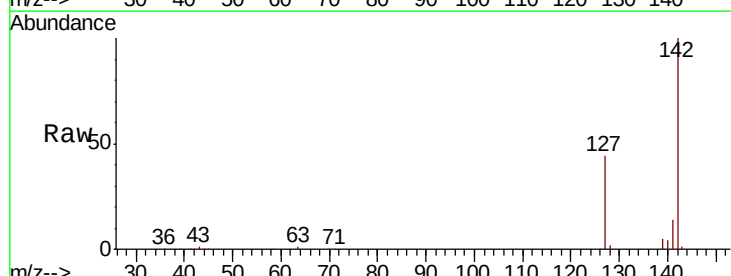
Tgt Ion:142 Resp: 79993

Ion Ratio Lower Upper

142 100

127 43.8 35.6 53.4

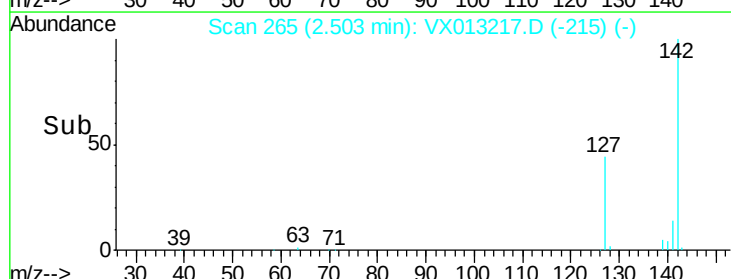
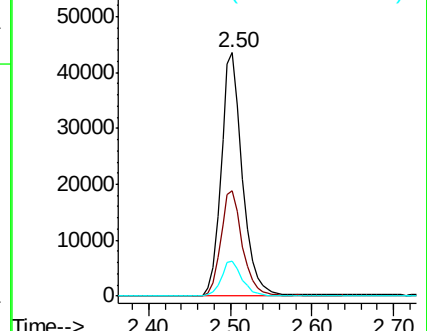
141 14.2 11.6 17.4

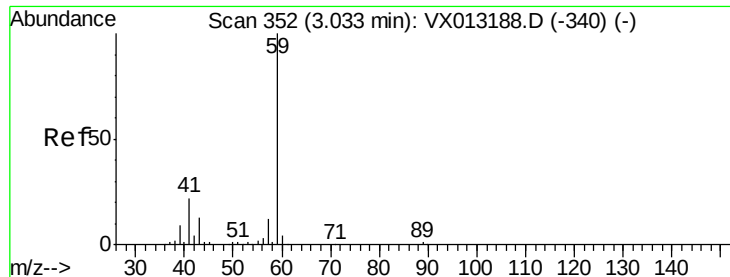


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



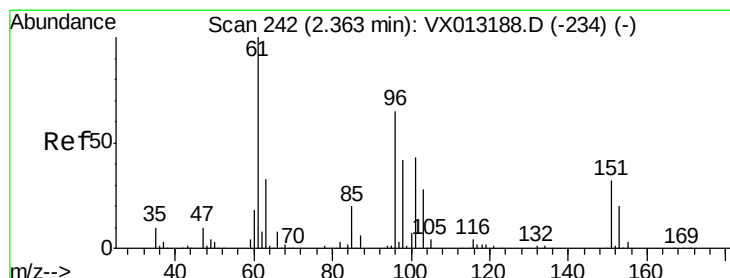
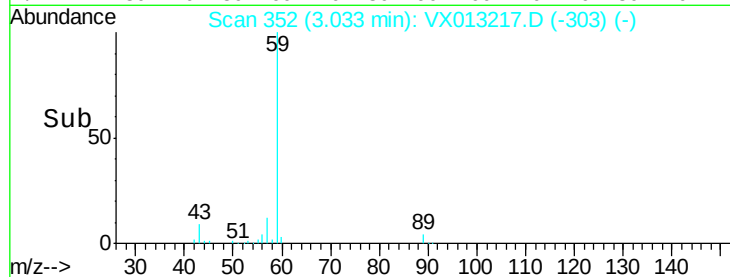
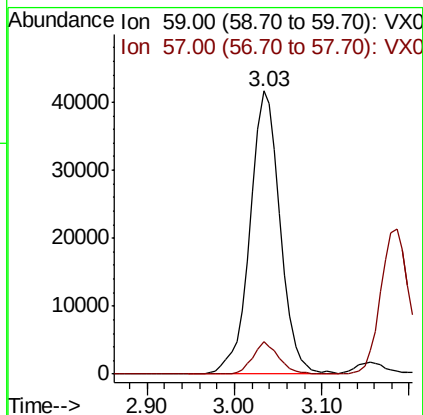
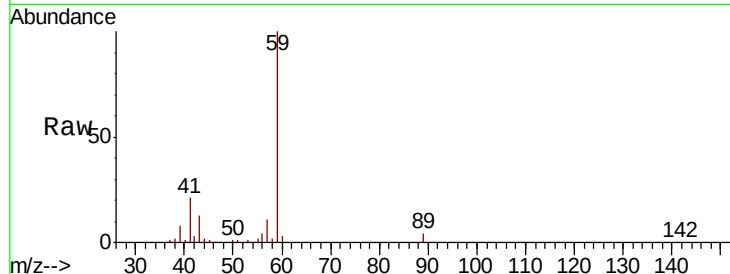


#11

Tert butyl alcohol
 Concen: 271.209 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. 0.00 min
 Lab File: VX013217.D
 Acq: 24 Oct 2019 17:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

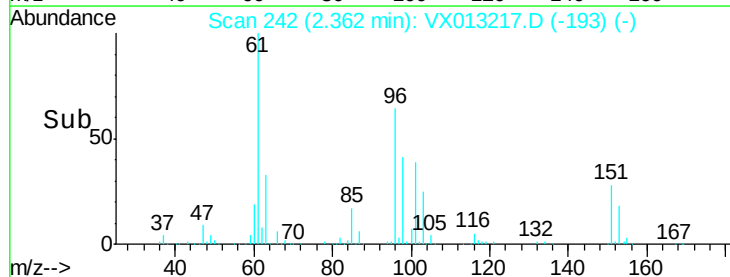
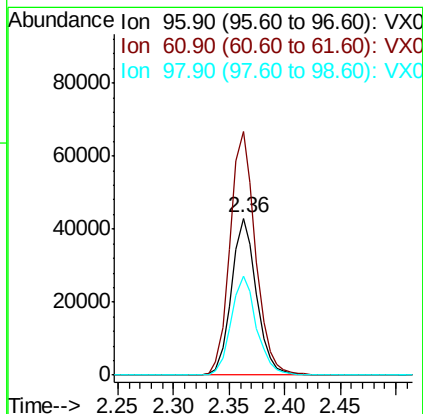
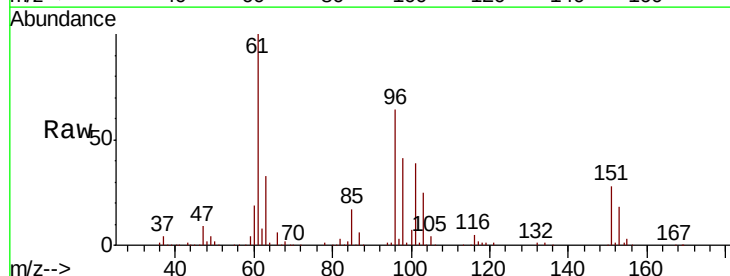
Tot Ion: 59 Resp: 99516
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.2 12.4

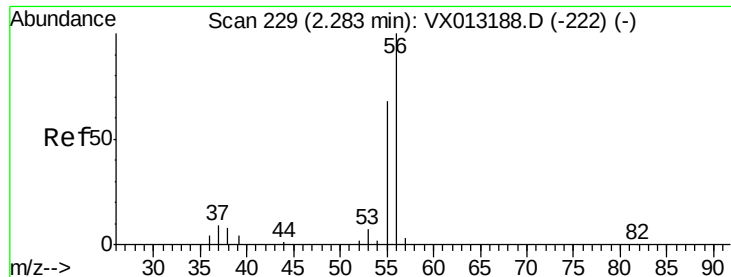


#12

1,1-Dichloroethene
 Concen: 48.482 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. -0.00 min
 Lab File: VX013217.D
 Acq: 24 Oct 2019 17:25

Tgt Ion: 96 Resp: 66810
 Ion Ratio Lower Upper
 96 100
 61 155.2 123.8 185.8
 98 63.3 51.6 77.4





#13

Acrolein

Concen: 305.695 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013217.D

Acq: 24 Oct 2019 17:25

Instrument :

MSVOA_X

ClientSampleId :

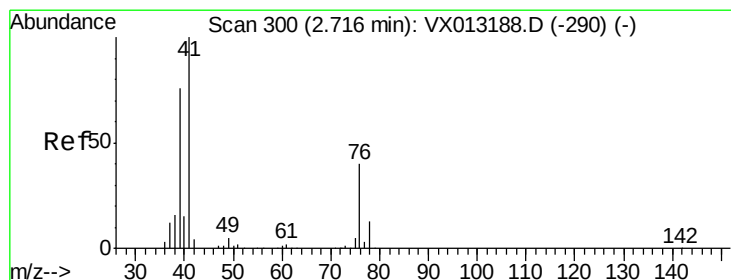
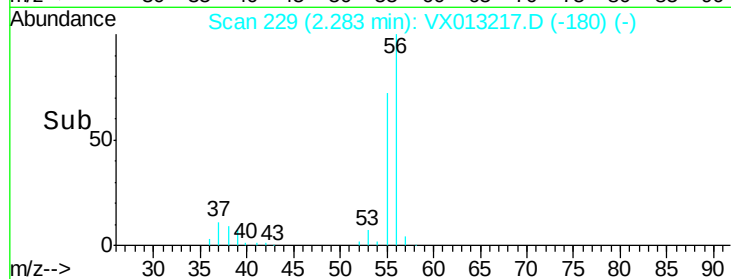
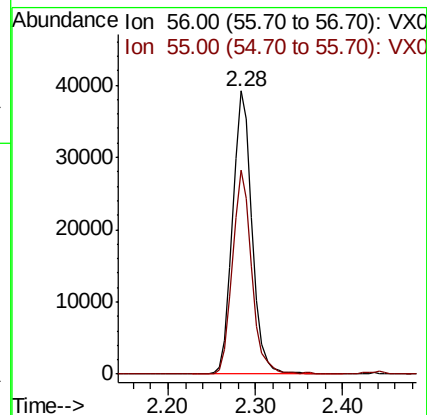
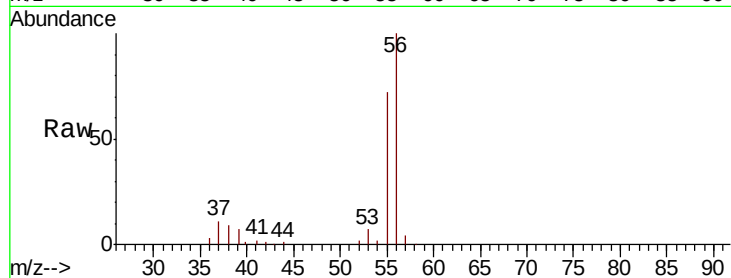
VSTDCCC050EC

Tot Ion: 56 Resp: 60684

Ion Ratio Lower Upper

56 100

55 71.1 58.9 88.3



#14

Allyl chloride

Concen: 48.132 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013217.D

Acq: 24 Oct 2019 17:25

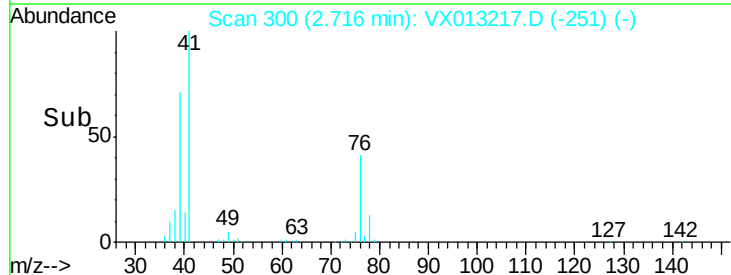
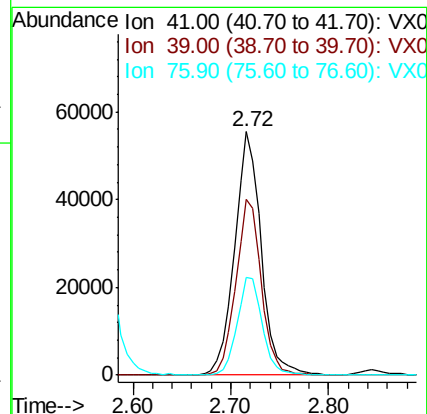
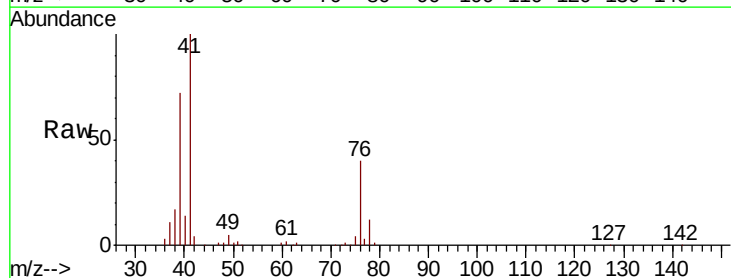
Tgt Ion: 41 Resp: 104422

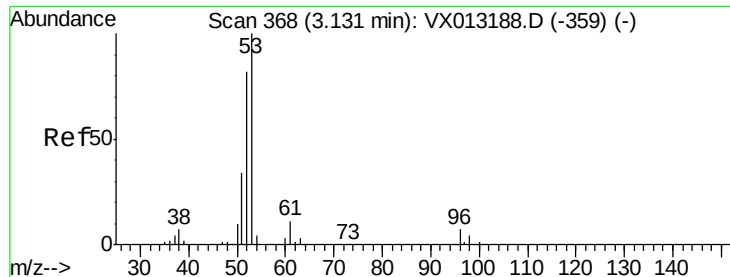
Ion Ratio Lower Upper

41 100

39 69.2 54.6 81.8

76 37.8 29.8 44.6





#15

Acrylonitrile

Concen: 252.703 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013217.D

Acq: 24 Oct 2019 17:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

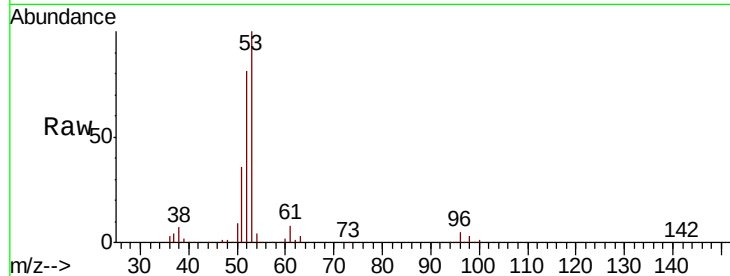
Tot Ion: 53 Resp: 188460

Ion Ratio Lower Upper

53 100

52 82.4 66.4 99.6

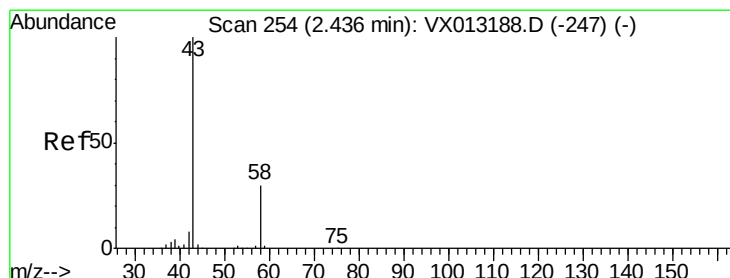
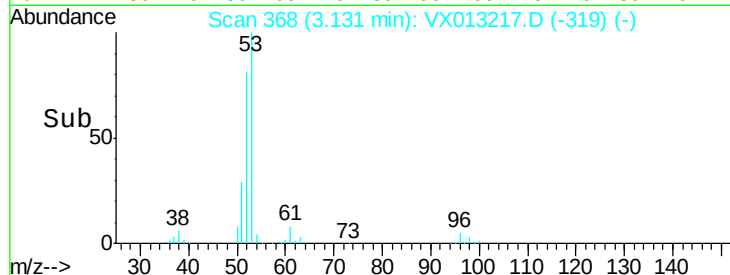
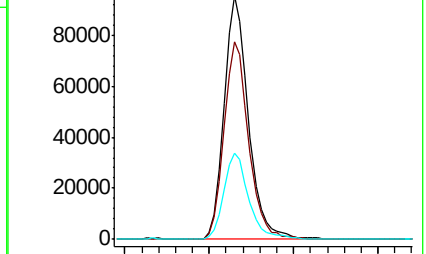
51 36.7 29.4 44.2



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: 249.543 ug/l

RT: 2.44 min Scan# 254

Delta R.T. -0.00 min

Lab File: VX013217.D

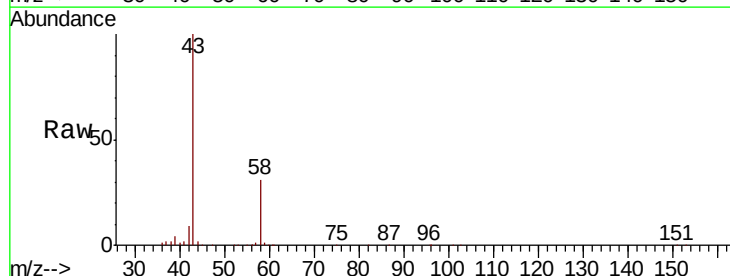
Acq: 24 Oct 2019 17:25

Tgt Ion: 43 Resp: 198915

Ion Ratio Lower Upper

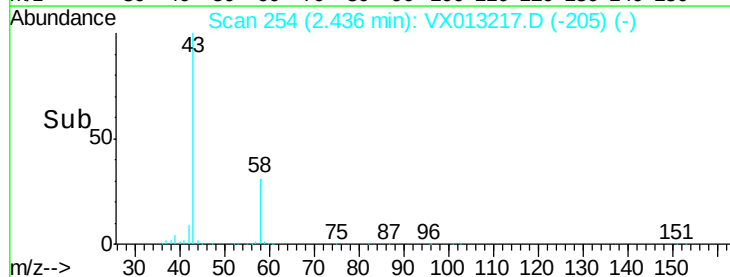
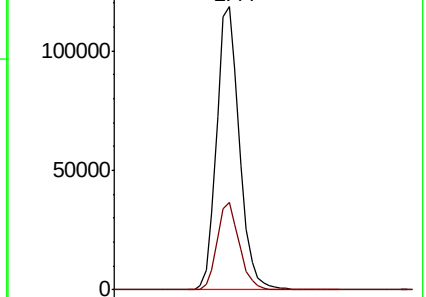
43 100

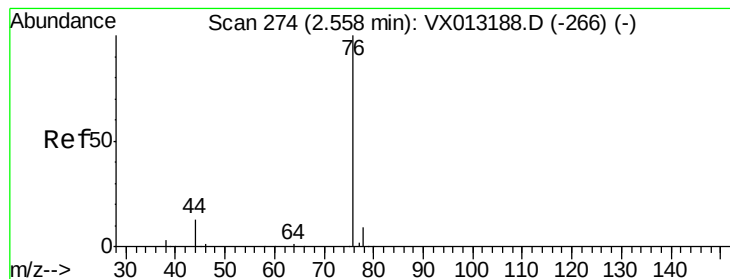
58 31.0 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 45.675 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.00 min

Lab File: VX013217.D

Acq: 24 Oct 2019 17:25

Instrument :

MSVOA_X

ClientSampleId :

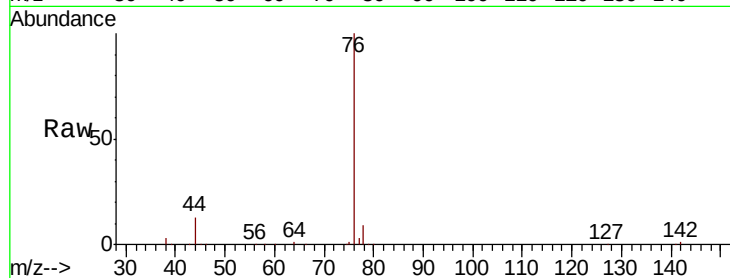
VSTDCCC050EC

Tot Ion: 76 Resp: 169219

Ion Ratio Lower Upper

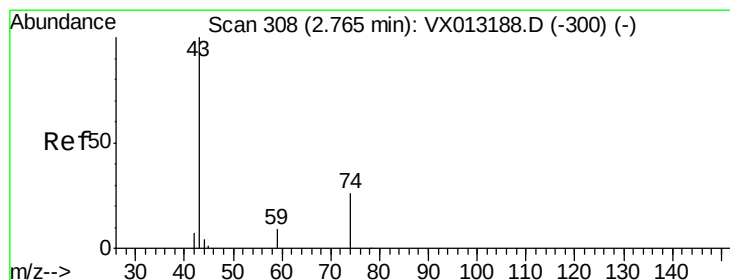
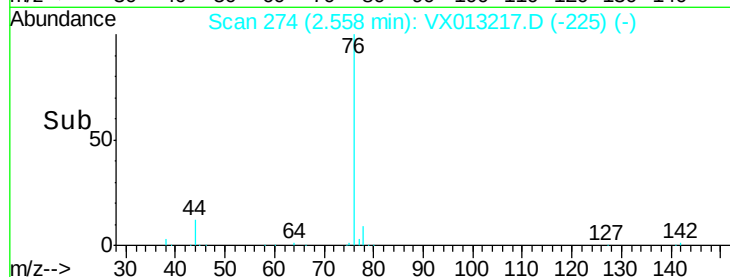
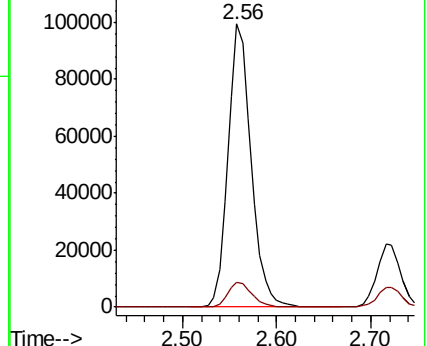
76 100

78 9.0 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 52.258 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX013217.D

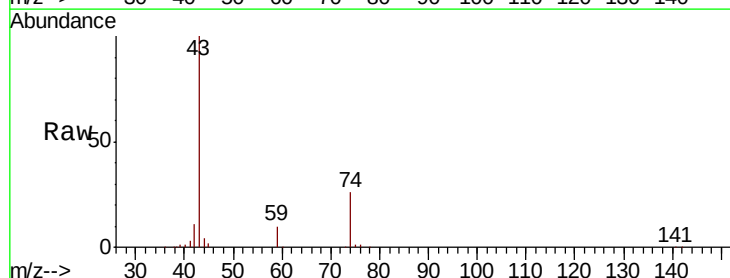
Acq: 24 Oct 2019 17:25

Tgt Ion: 43 Resp: 91036

Ion Ratio Lower Upper

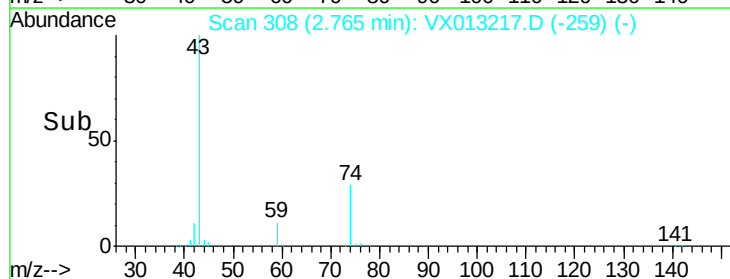
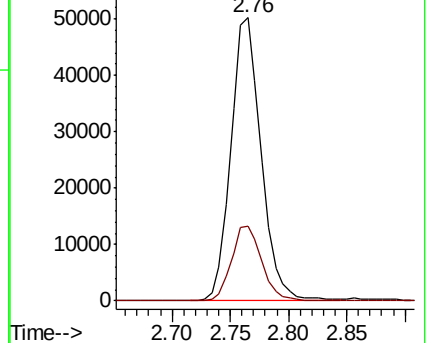
43 100

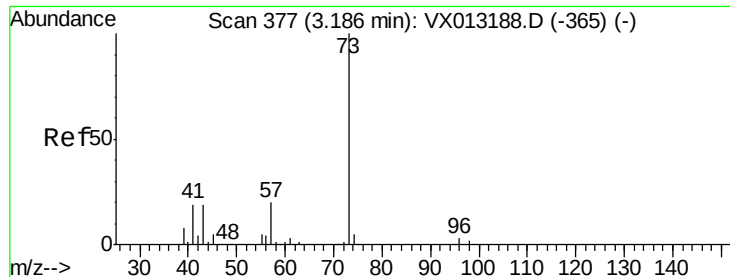
74 26.7 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



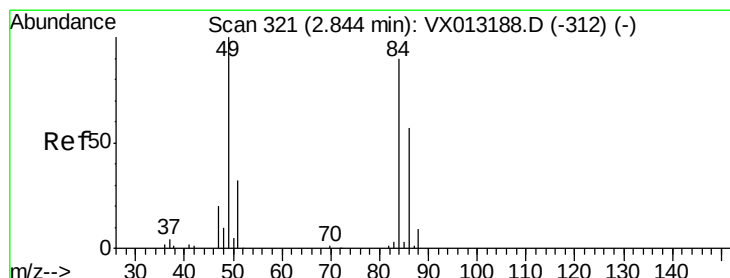
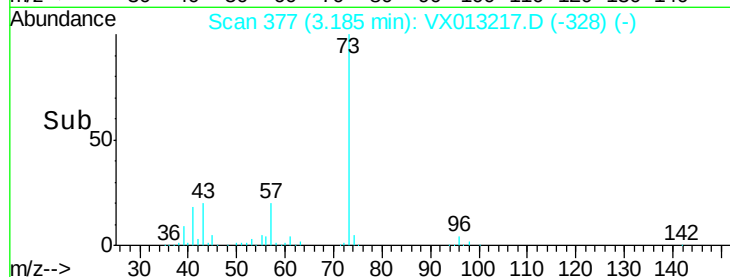
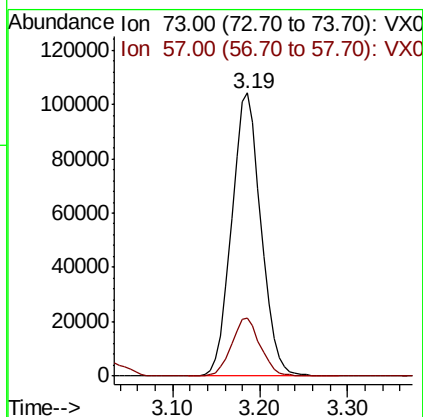
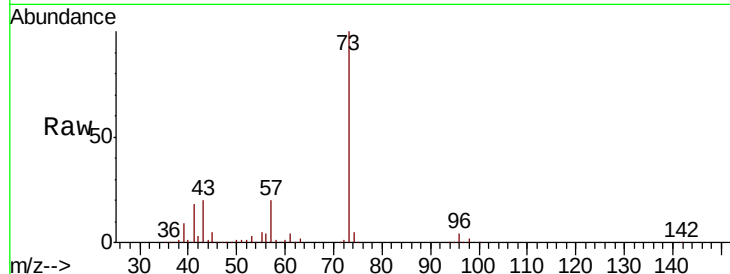


#19

Methyl tert-butyl Ether
 Concen: 49.989 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. -0.00 min
 Lab File: VX013217.D
 Acq: 24 Oct 2019 17:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

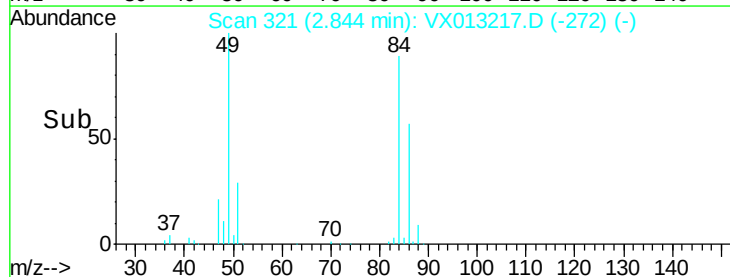
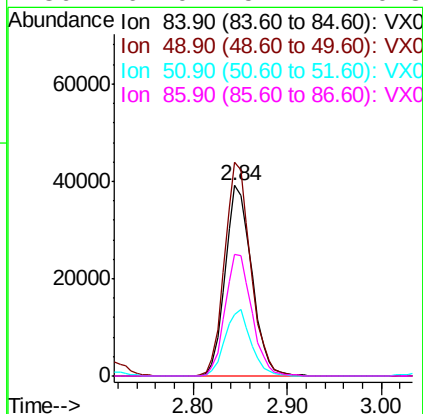
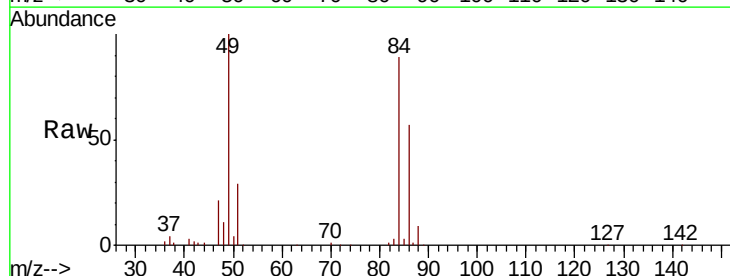
Tot Ion: 73 Resp: 242585
 Ion Ratio Lower Upper
 73 100
 57 20.4 15.8 23.8

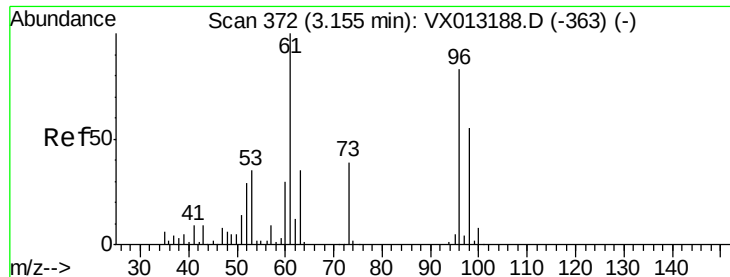


#20

Methylene Chloride
 Concen: 51.358 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. 0.00 min
 Lab File: VX013217.D
 Acq: 24 Oct 2019 17:25

Tgt Ion: 84 Resp: 76568
 Ion Ratio Lower Upper
 84 100
 49 112.3 89.2 133.8
 51 32.3 28.8 43.2
 86 64.0 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 51.049 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013217.D

Acq: 24 Oct 2019 17:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

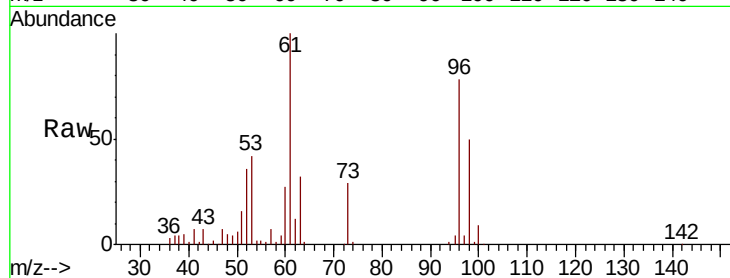
Tot Ion: 96 Resp: 73210

Ion Ratio Lower Upper

96 100

61 128.9 96.9 145.3

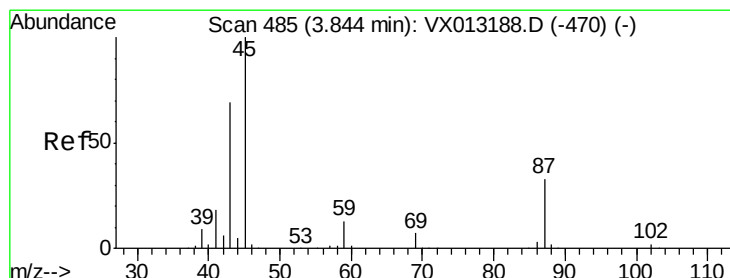
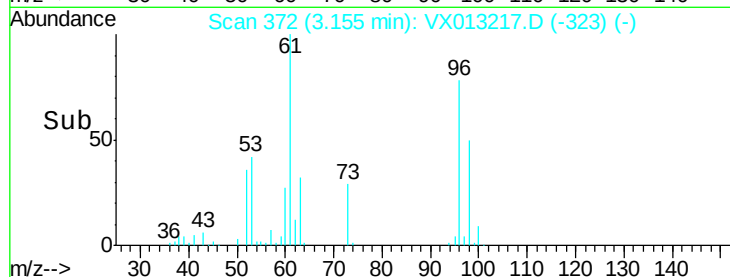
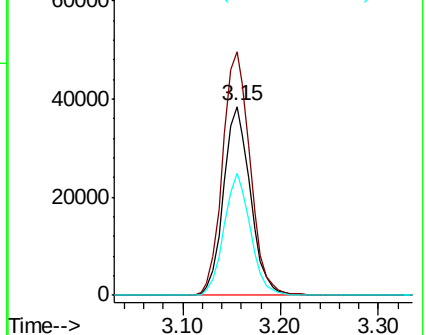
98 64.5 53.0 79.4



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: 49.021 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX013217.D

Acq: 24 Oct 2019 17:25

Tgt Ion: 45 Resp: 207947

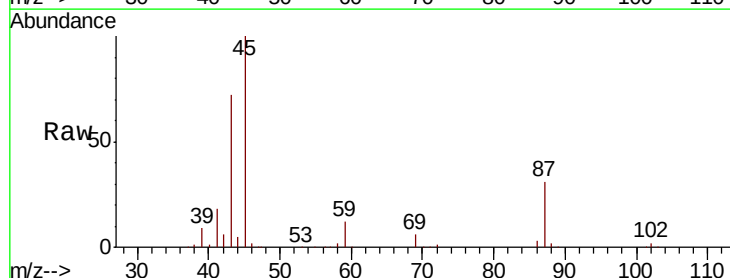
Ion Ratio Lower Upper

45 100

43 71.2 55.5 83.3

87 31.4 26.7 40.1

59 11.8 10.2 15.2

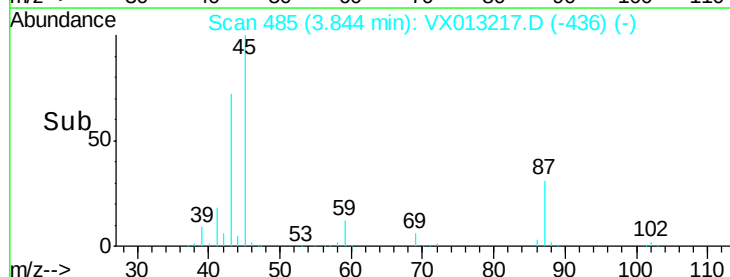
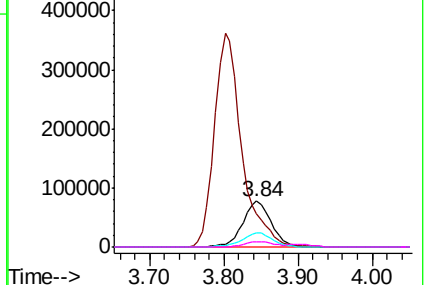


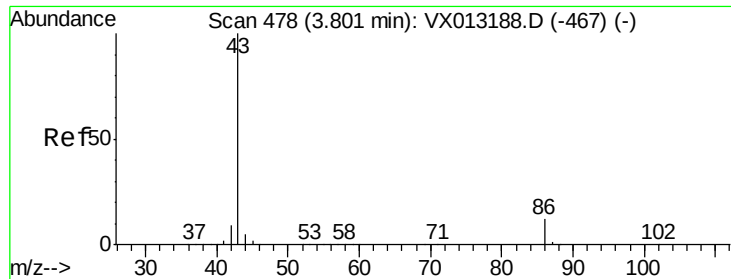
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 255.394 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013217.D

Acq: 24 Oct 2019 17:25

Instrument :

MSVOA_X

ClientSampleId :

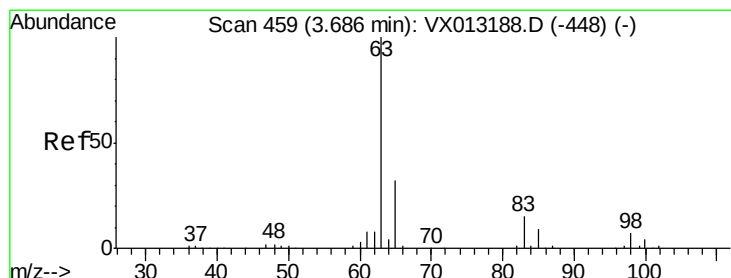
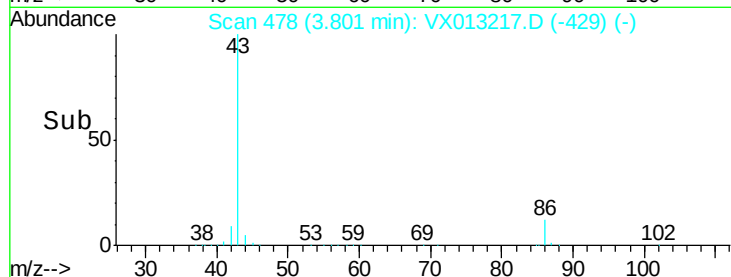
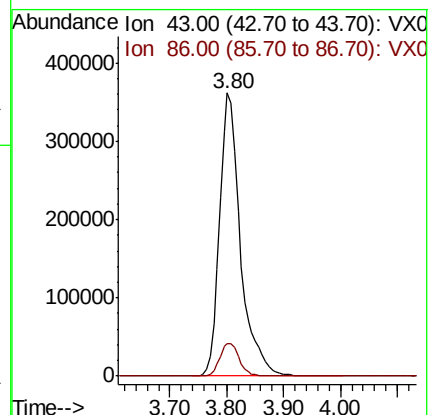
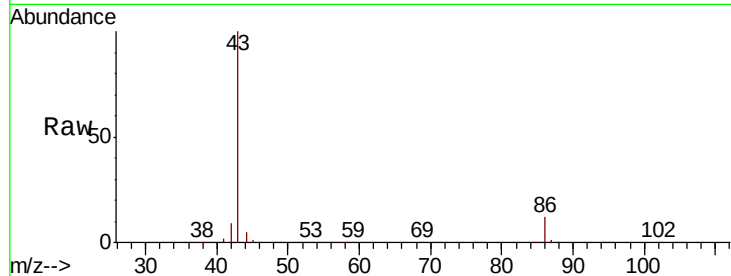
VSTDCCC050EC

Tot Ion: 43 Resp: 920821

Ion Ratio Lower Upper

43 100

86 11.7 9.7 14.5



#24

1,1-Dichloroethane

Concen: 49.219 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013217.D

Acq: 24 Oct 2019 17:25

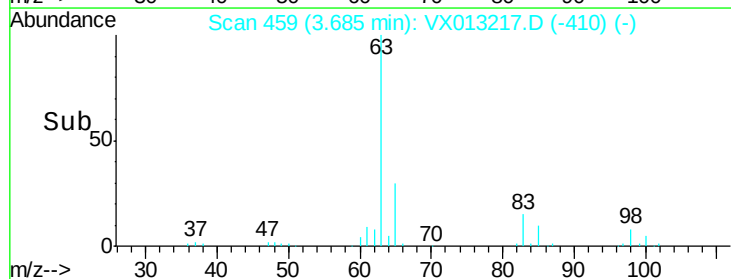
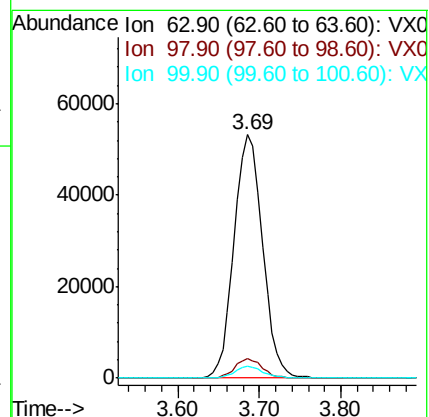
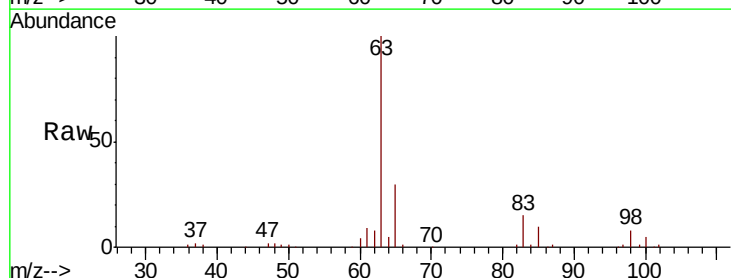
Tgt Ion: 63 Resp: 128421

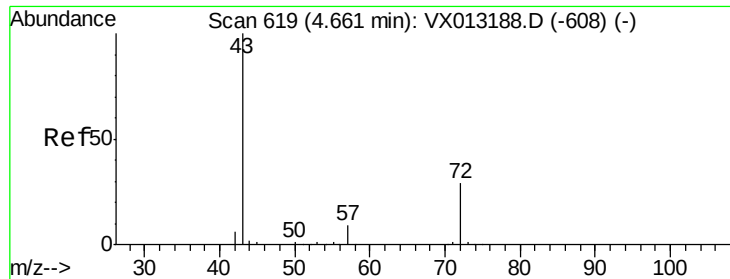
Ion Ratio Lower Upper

63 100

98 8.0 3.8 11.2

100 4.9 2.2 6.6





#25

2-Butanone

Concen: 246.502 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX013217.D

Acq: 24 Oct 2019 17:25

Instrument :

MSVOA_X

ClientSampleId :

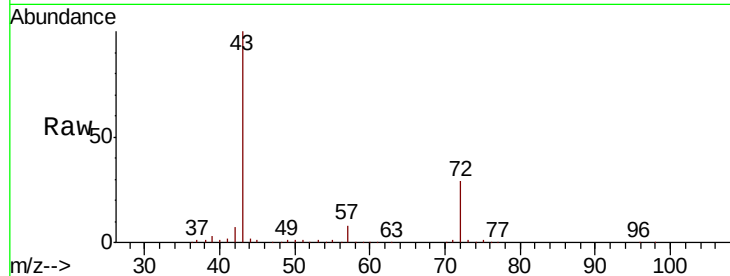
VSTDCCC050EC

Tot Ion: 43 Resp: 263514

Ion Ratio Lower Upper

43 100

72 28.5 23.4 35.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.66

100000

80000

60000

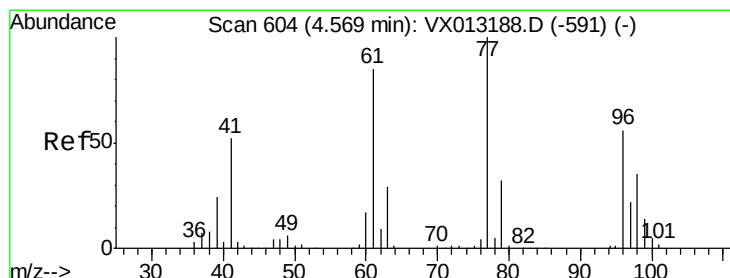
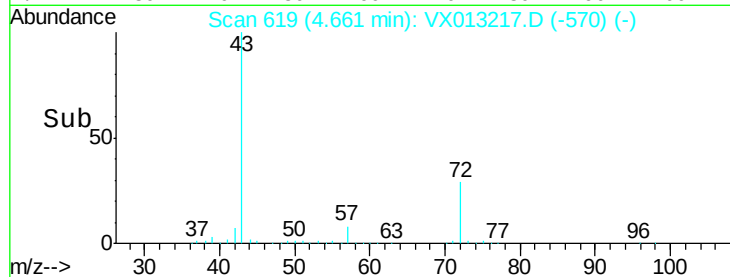
40000

20000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 48.907 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX013217.D

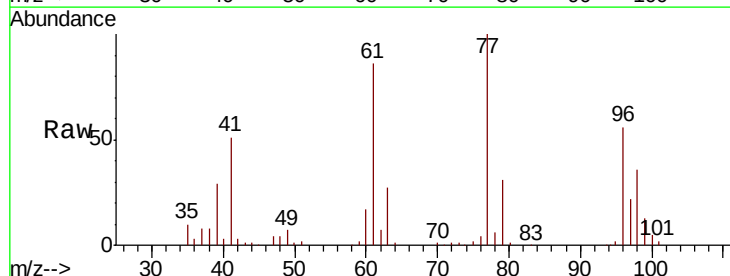
Acq: 24 Oct 2019 17:25

Tgt Ion: 77 Resp: 117934

Ion Ratio Lower Upper

77 100

97 22.8 10.9 32.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.57

40000

30000

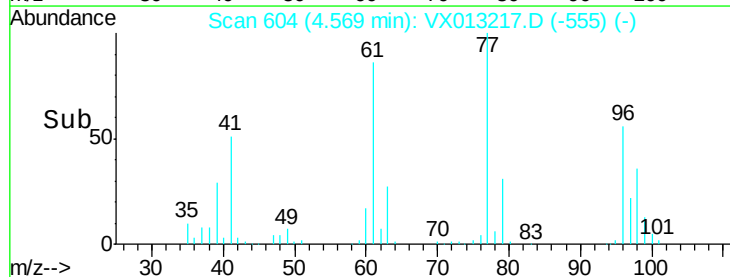
20000

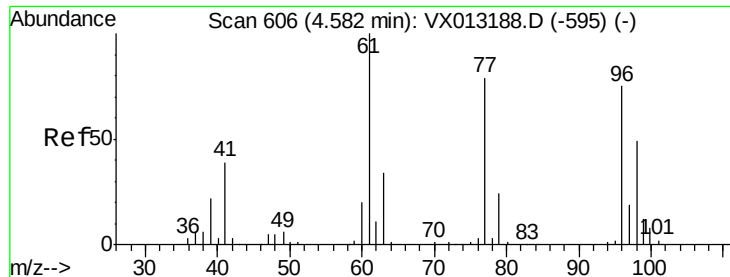
10000

0

4.50 4.60 4.70

Time-->



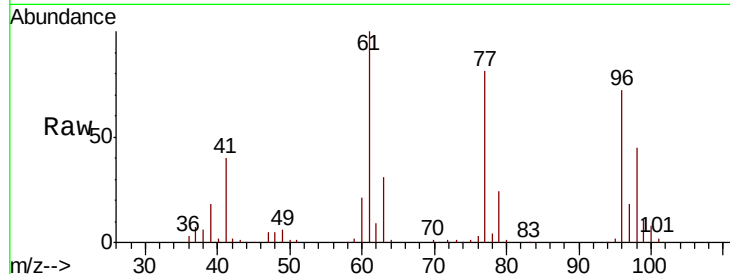


#27

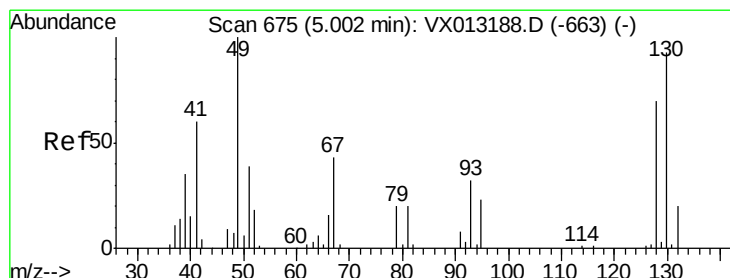
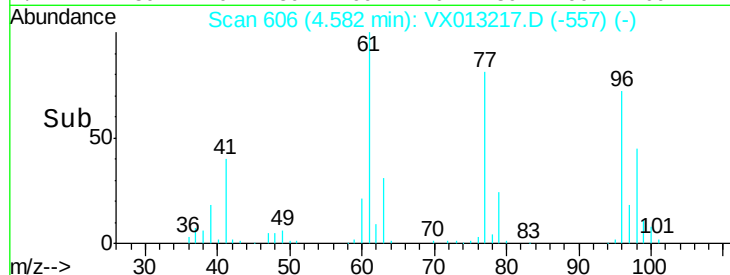
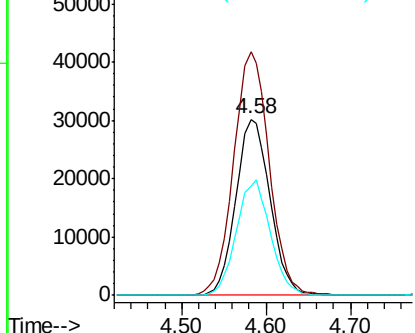
cis-1,2-Dichloroethene
 Concen: 49.349 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: VX013217.D
 Acq: 24 Oct 2019 17:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 96 Resp: 83285
 Ion Ratio Lower Upper
 96 100
 61 143.9 0.0 290.4
 98 64.6 0.0 130.4



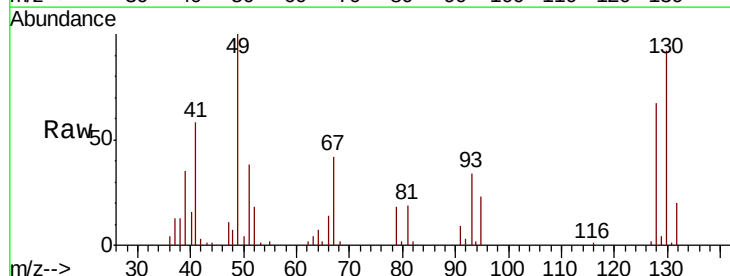
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



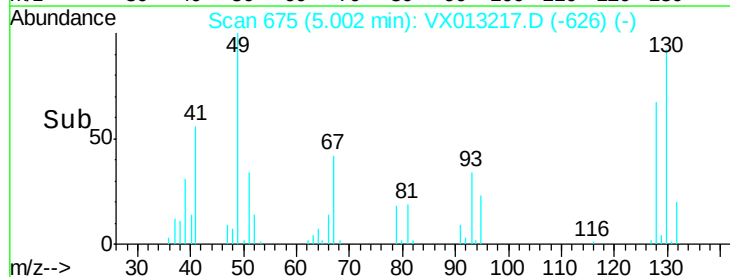
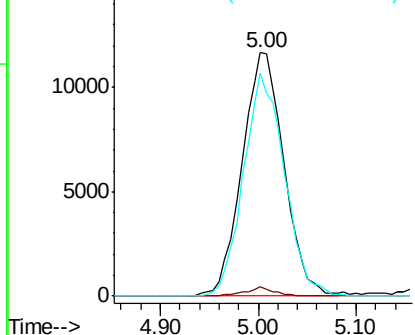
#28

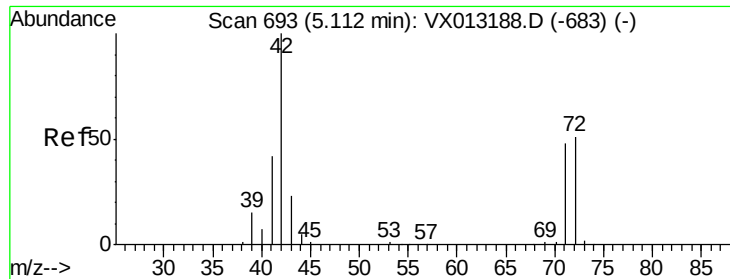
Bromochloromethane
 Concen: 51.371 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. -0.00 min
 Lab File: VX013217.D
 Acq: 24 Oct 2019 17:25

Tgt Ion: 49 Resp: 34562
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.8
 130 90.0 71.8 107.8



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





#29

Tetrahydrofuran

Concen: 242.908 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.00 min

Lab File: VX013217.D

Acq: 24 Oct 2019 17:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

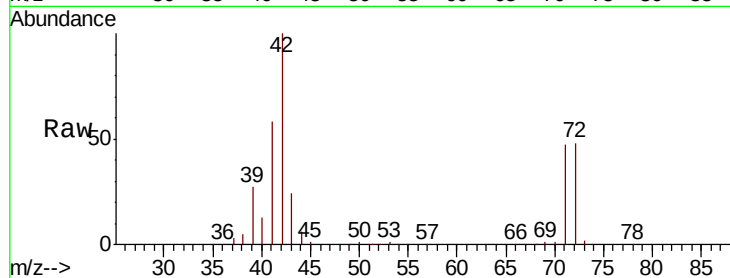
Tot Ion: 42 Resp: 156521

Ion Ratio Lower Upper

42 100

72 51.7 40.9 61.3

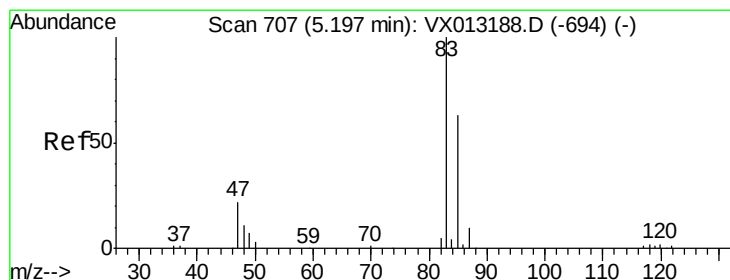
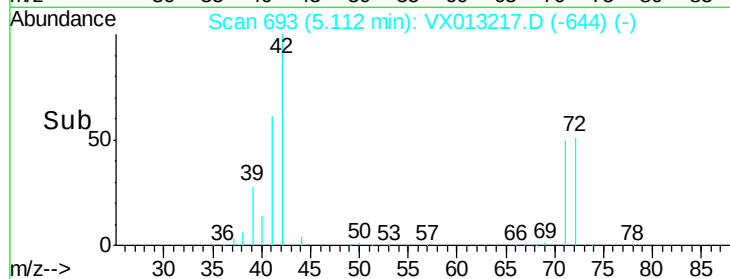
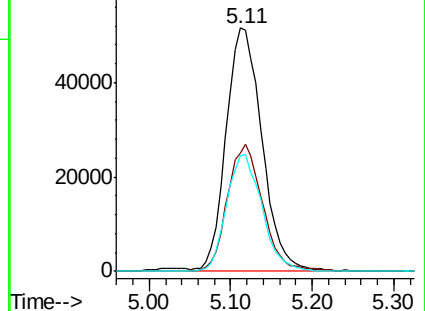
71 47.5 38.6 57.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 49.590 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.00 min

Lab File: VX013217.D

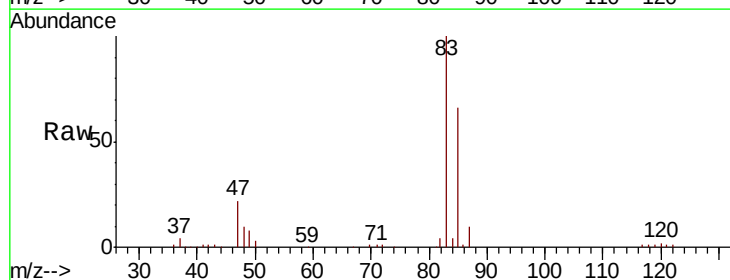
Acq: 24 Oct 2019 17:25

Tgt Ion: 83 Resp: 137762

Ion Ratio Lower Upper

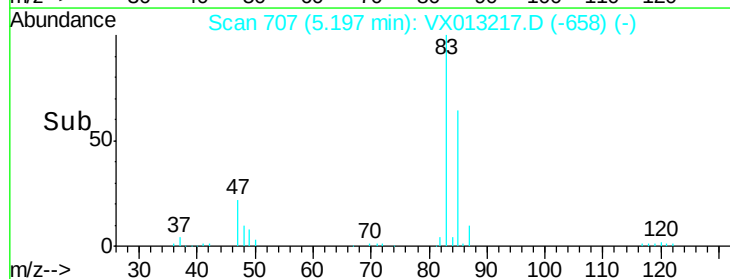
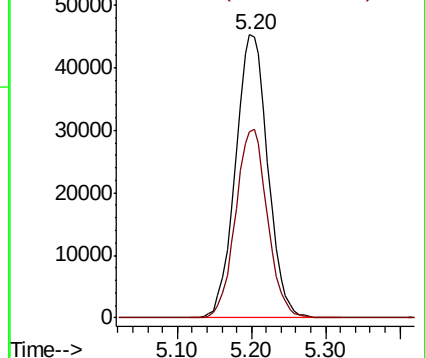
83 100

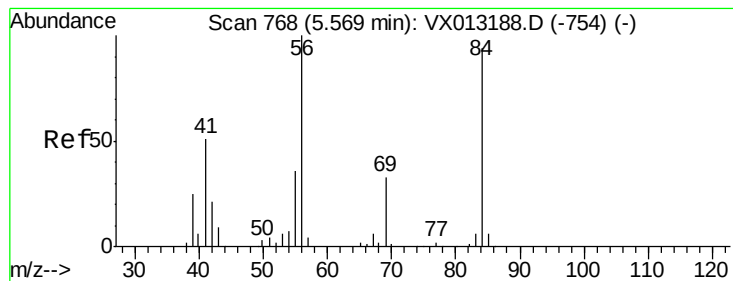
85 65.9 50.1 75.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 49.192 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX013217.D

Acq: 24 Oct 2019 17:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

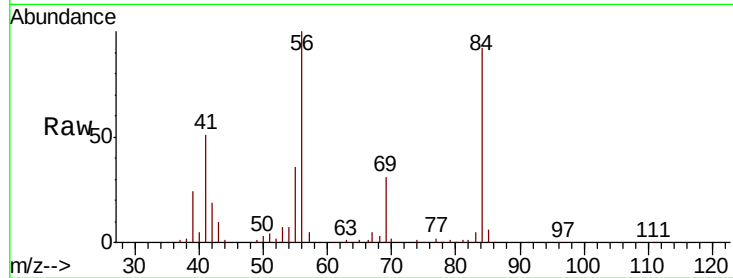
Tot Ion: 56 Resp: 107639

Ion Ratio Lower Upper

56 100

69 30.6 26.3 39.5

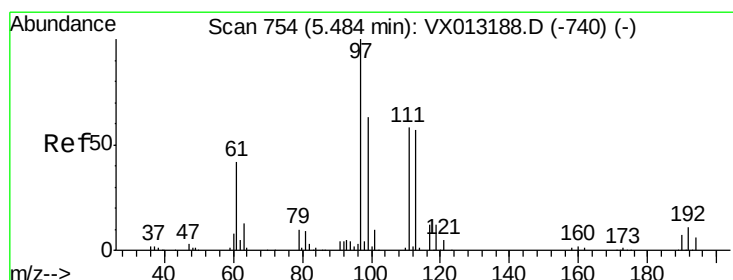
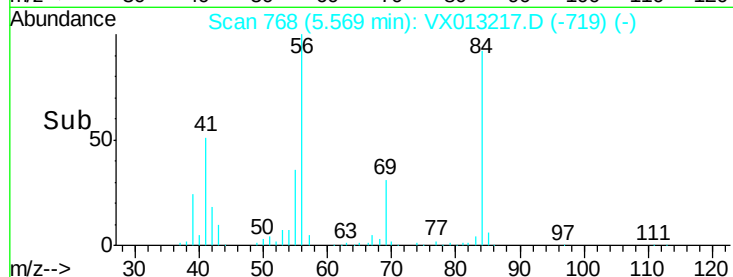
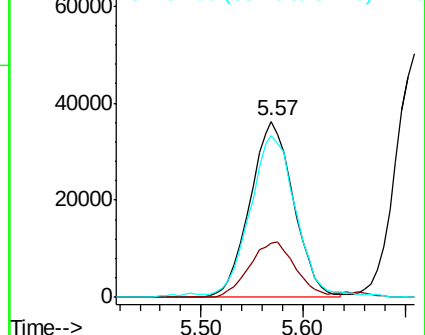
84 89.4 73.8 110.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 50.727 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX013217.D

Acq: 24 Oct 2019 17:25

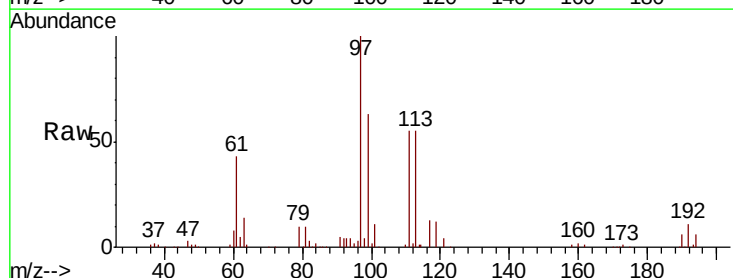
Tgt Ion: 97 Resp: 125298

Ion Ratio Lower Upper

97 100

99 66.0 50.8 76.2

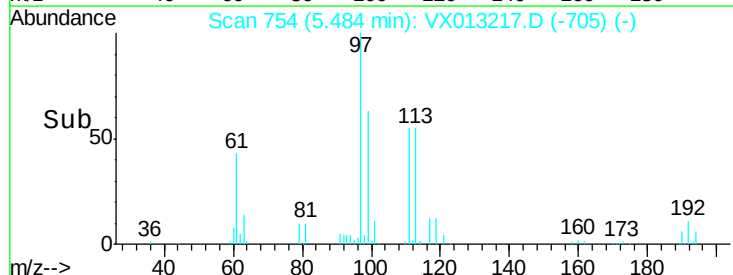
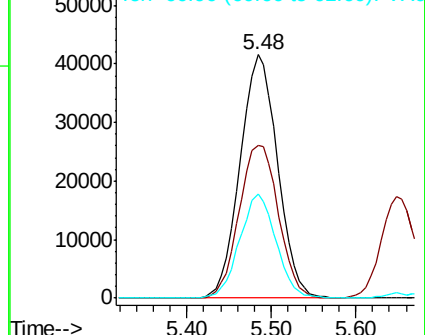
61 41.6 32.8 49.2

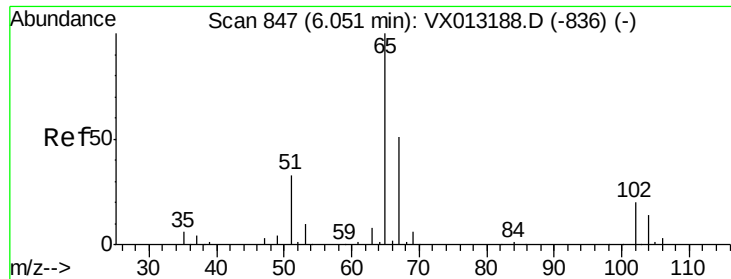


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

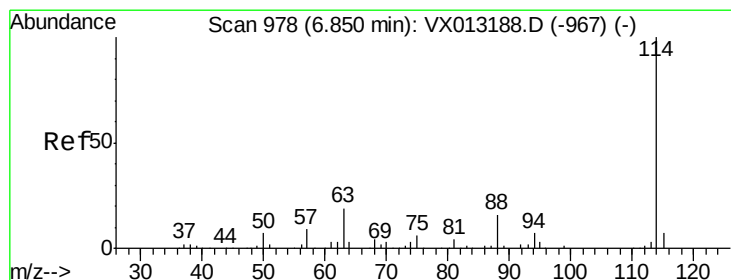
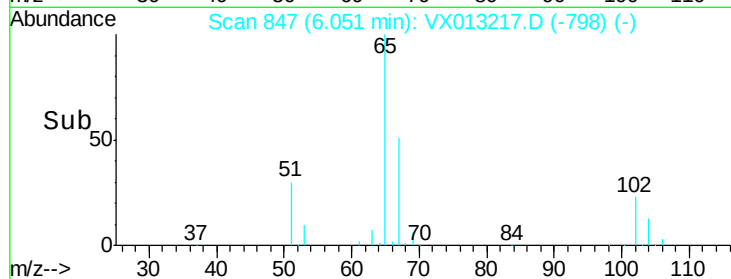
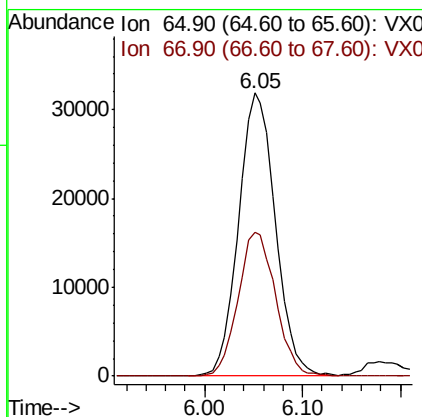
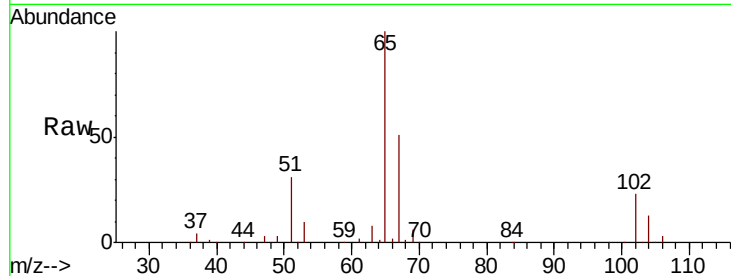




#33
 1,2-Dichloroethane-d4
 Concen: 49.167 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX013217.D
 Acq: 24 Oct 2019 17:25

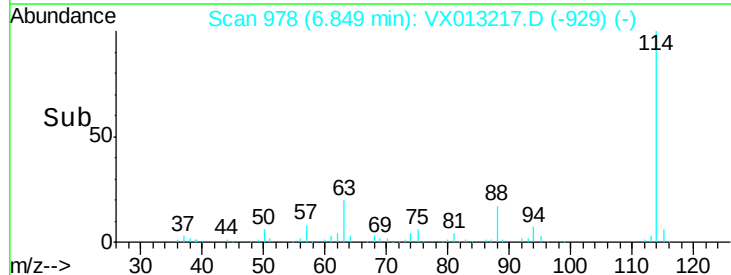
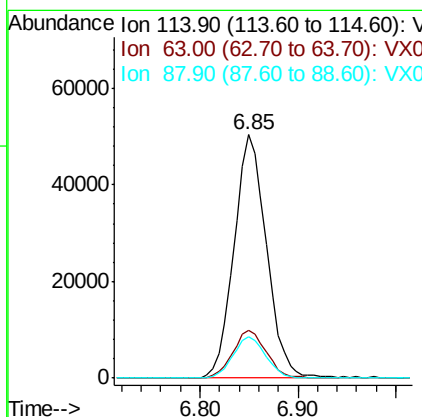
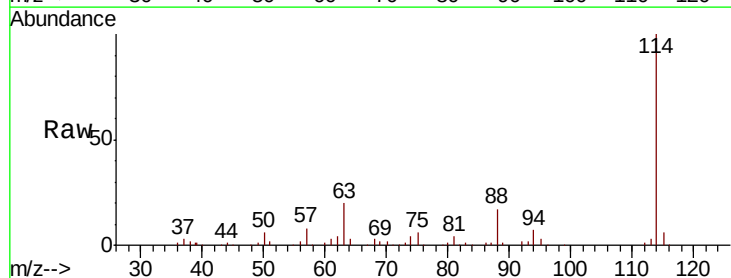
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

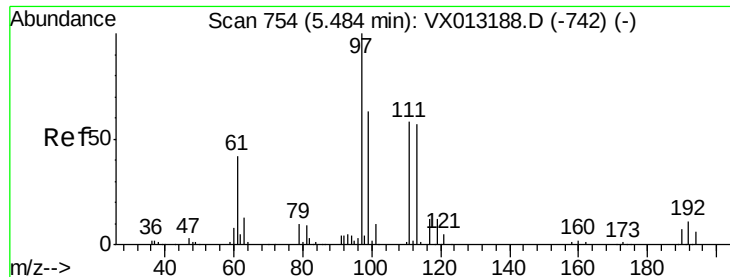
Tot Ion: 65 Resp: 83188
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013217.D
 Acq: 24 Oct 2019 17:25

Tgt Ion: 114 Resp: 115768
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.0
 88 16.8 0.0 32.0

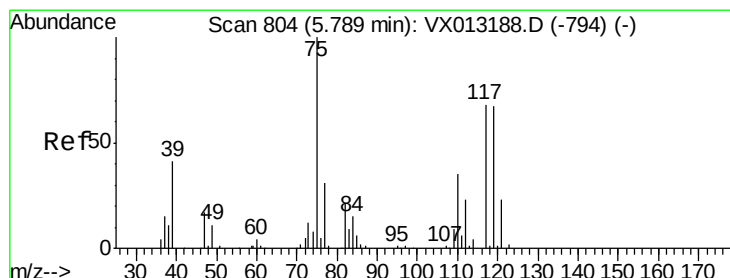
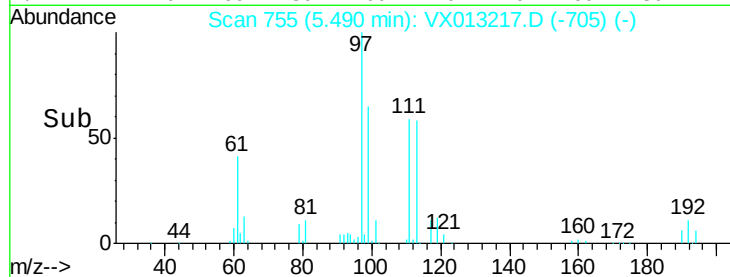
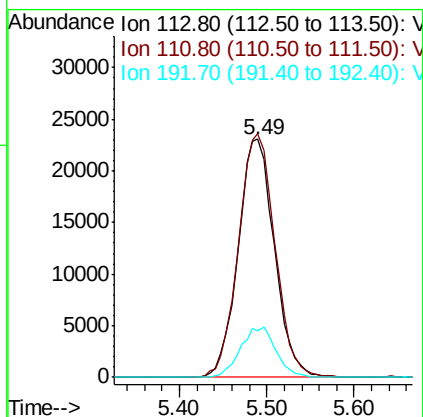
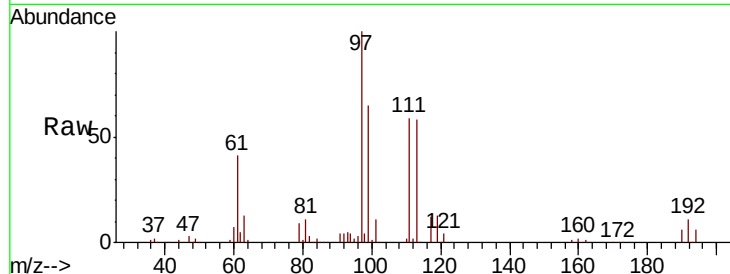




#35
 Dibromofluoromethane
 Concen: 51.446 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.01 min
 Lab File: VX013217.D
 Acq: 24 Oct 2019 17:25

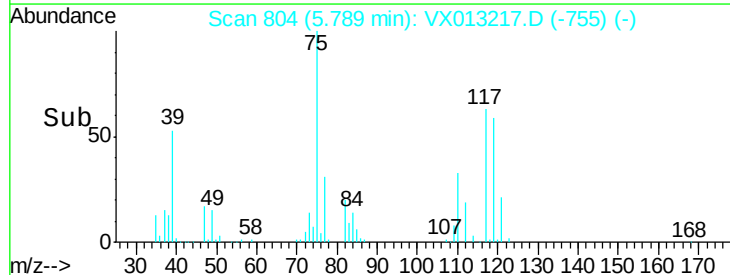
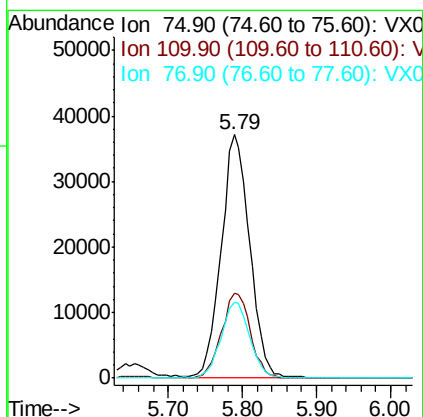
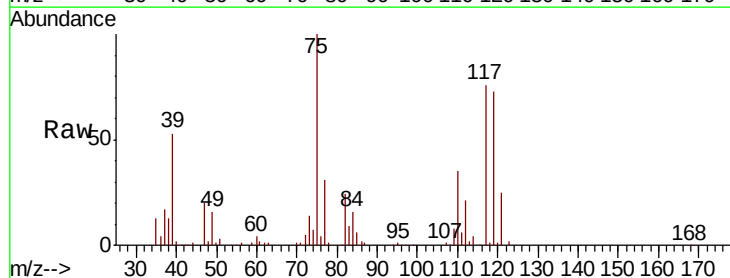
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

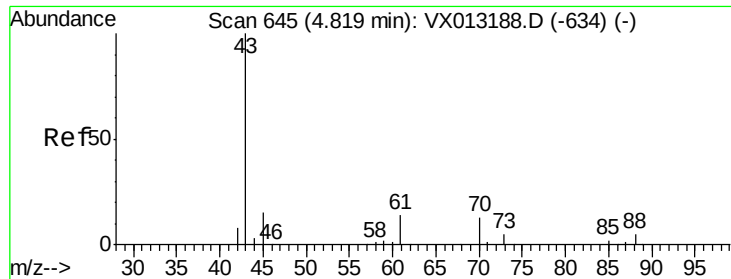
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	80.3	120.5
192	20.5	15.9	23.9



#36
 1,1-Dichloropropene
 Concen: 51.286 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX013217.D
 Acq: 24 Oct 2019 17:25

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.3	17.6	52.9
77	31.4	24.7	37.1

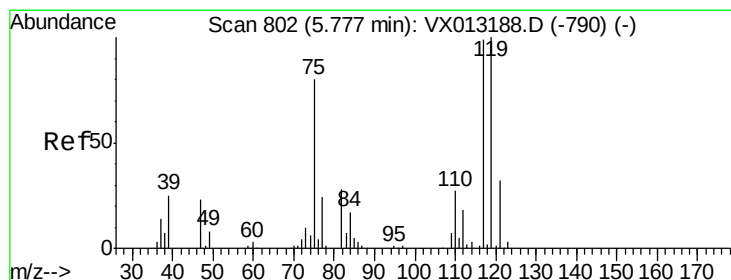
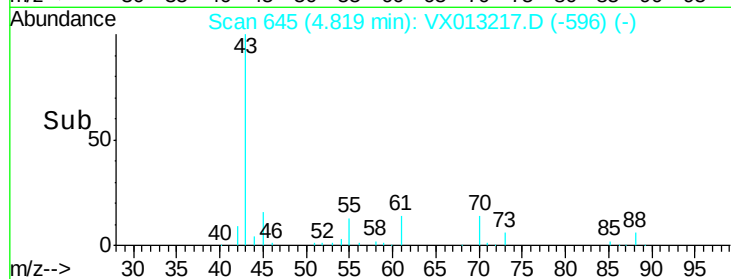
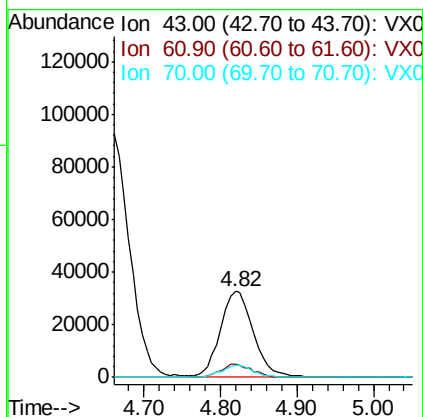
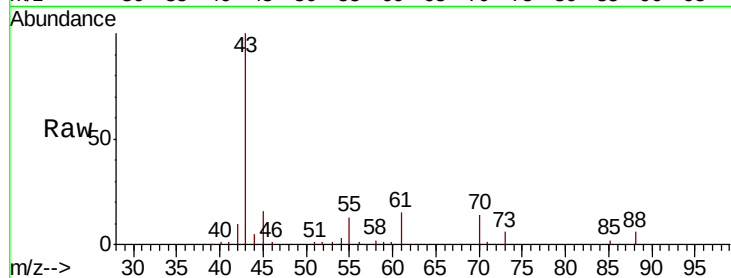




#37
Ethyl Acetate
Concen: 50.894 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013217.D
Acq: 24 Oct 2019 17:25

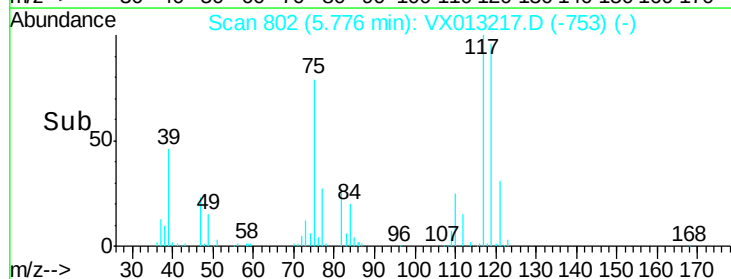
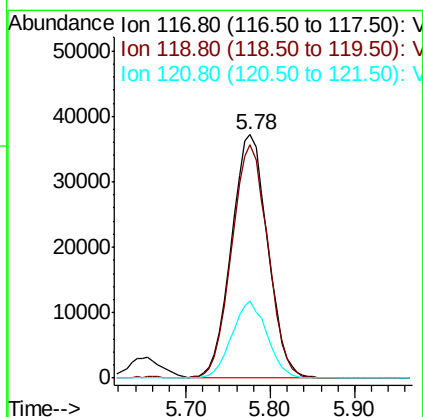
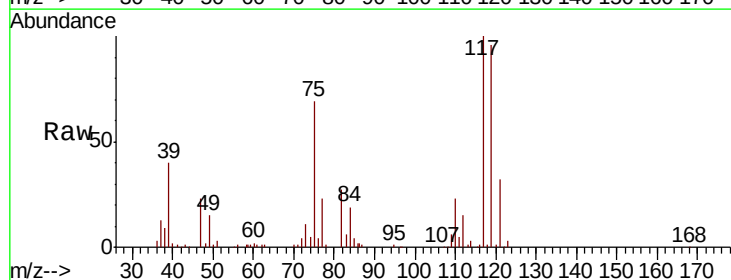
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

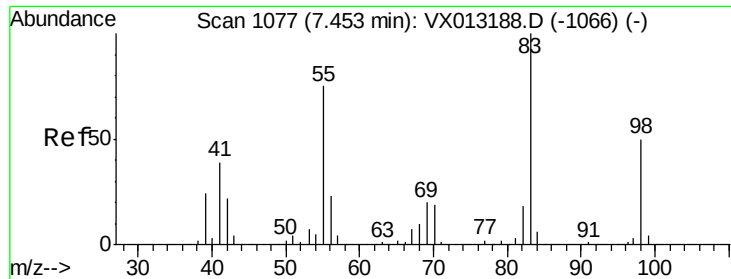
Tot Ion: 43 Resp: 98184
Ion Ratio Lower Upper
43 100
61 14.7 12.1 18.1
70 13.1 10.4 15.6



#38
Carbon Tetrachloride
Concen: 50.623 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013217.D
Acq: 24 Oct 2019 17:25

Tgt Ion: 117 Resp: 108325
Ion Ratio Lower Upper
117 100
119 96.0 80.1 120.1
121 31.5 25.5 38.3

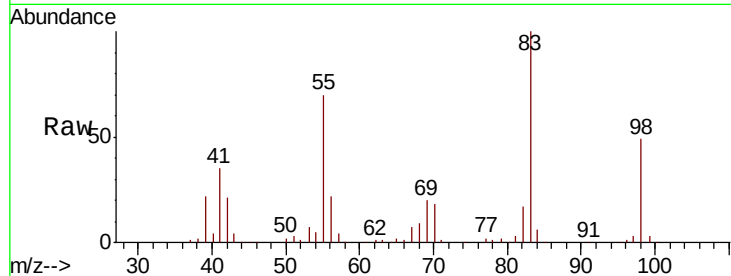




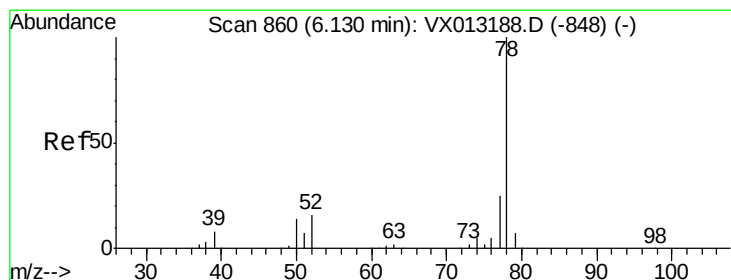
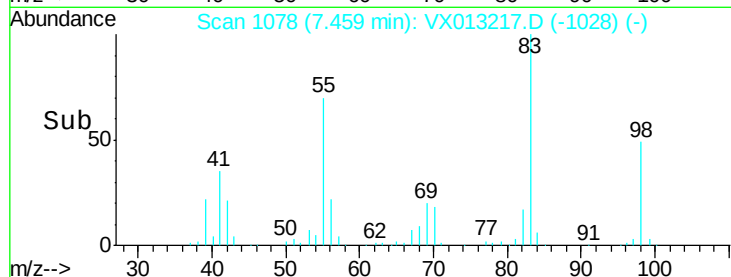
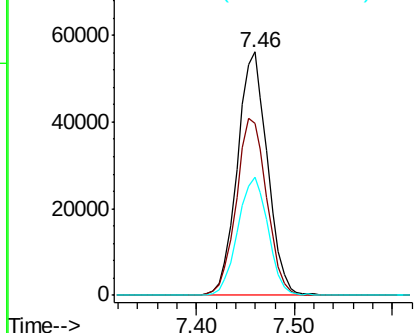
#39
Methylvlcyclohexane
Concen: 48.318 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013217.D
Acq: 24 Oct 2019 17:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 119749
Ion Ratio Lower Upper
83 100
55 70.5 60.1 90.1
98 48.7 39.8 59.8

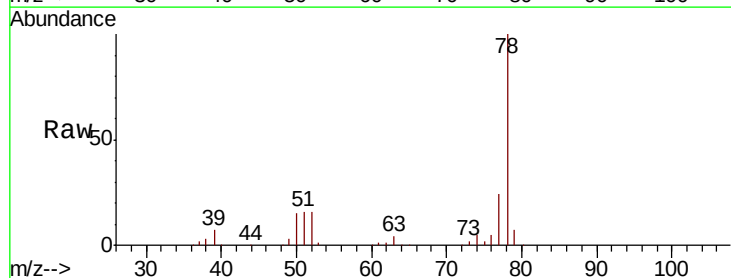


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

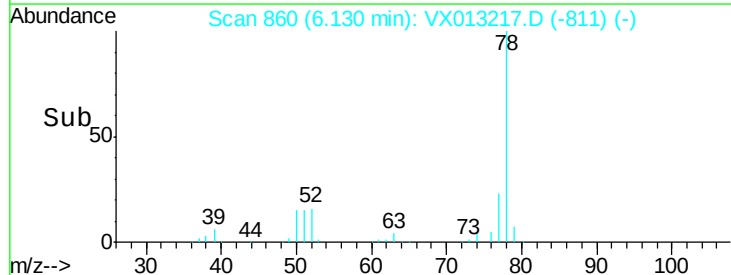
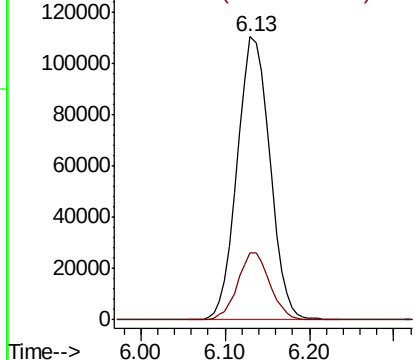


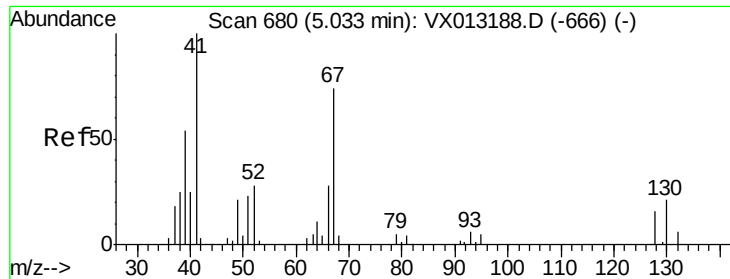
#40
Benzene
Concen: 49.990 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX013217.D
Acq: 24 Oct 2019 17:25

Tgt Ion: 78 Resp: 290683
Ion Ratio Lower Upper
78 100
77 23.5 19.6 29.4



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





#41

Methacrylonitrile

Concen: 54.042 ug/l

RT: 5.03 min Scan# 680

Delta R.T. -0.00 min

Lab File: VX013217.D

Acq: 24 Oct 2019 17:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 55896

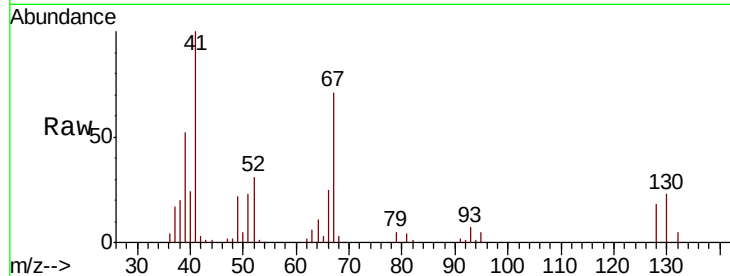
Ion Ratio Lower Upper

41 100

39 56.5 45.2 67.8

67 72.9 61.3 91.9

52 31.6 25.1 37.7

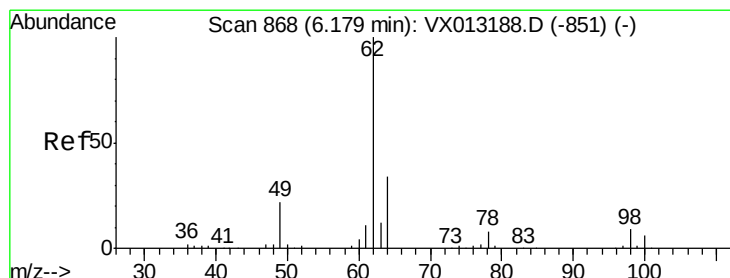
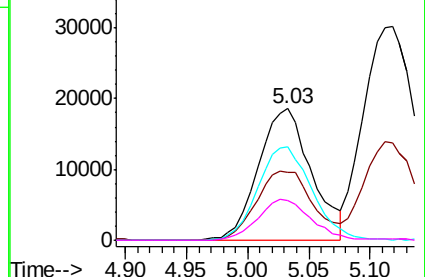
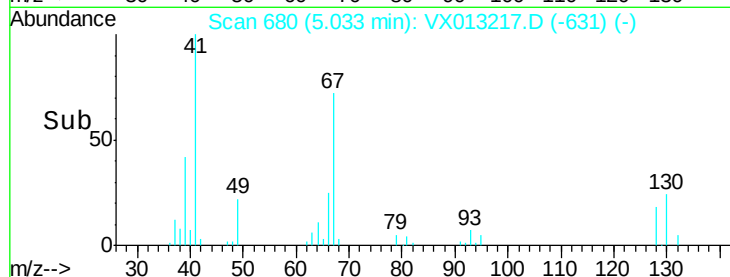


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 51.451 ug/l

RT: 6.18 min Scan# 869

Delta R.T. 0.01 min

Lab File: VX013217.D

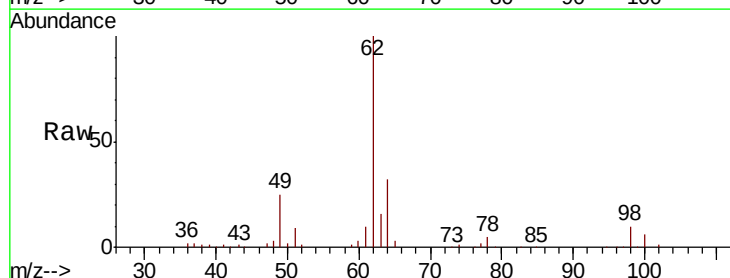
Acq: 24 Oct 2019 17:25

Tgt Ion: 62 Resp: 112801

Ion Ratio Lower Upper

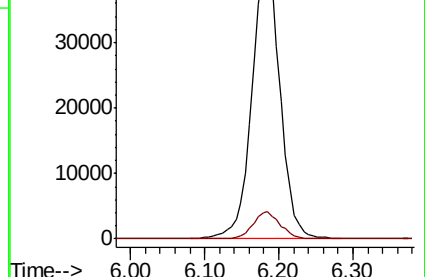
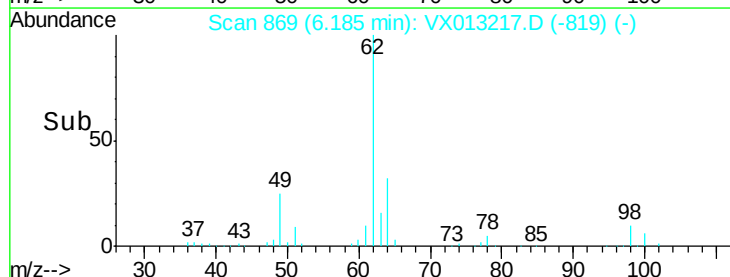
62 100

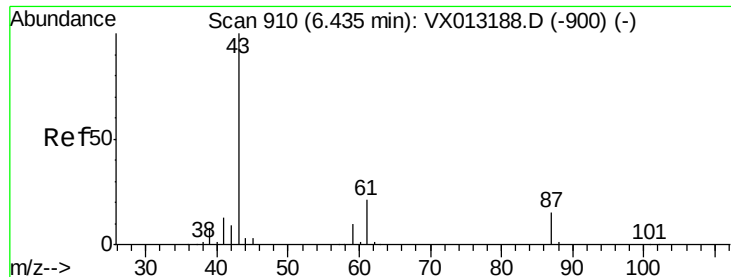
98 9.4 0.0 18.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 51.074 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX013217.D

Acq: 24 Oct 2019 17:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

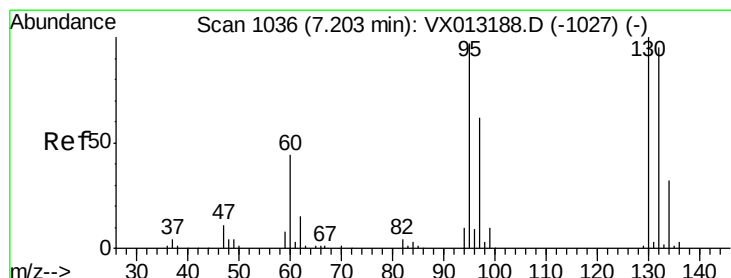
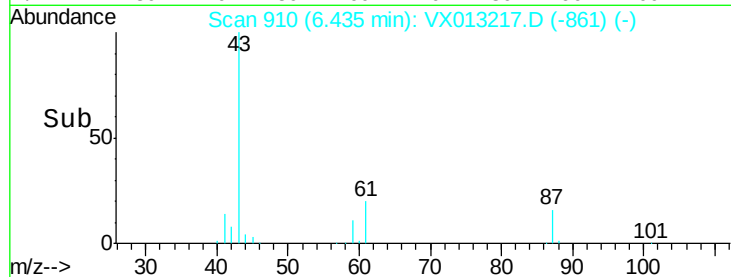
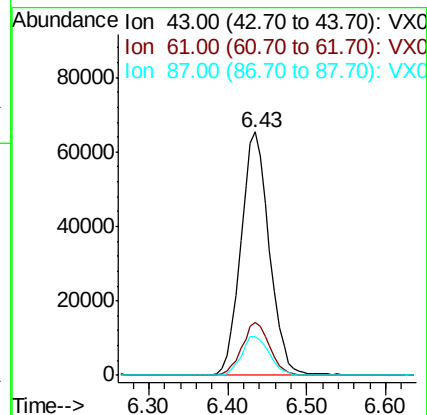
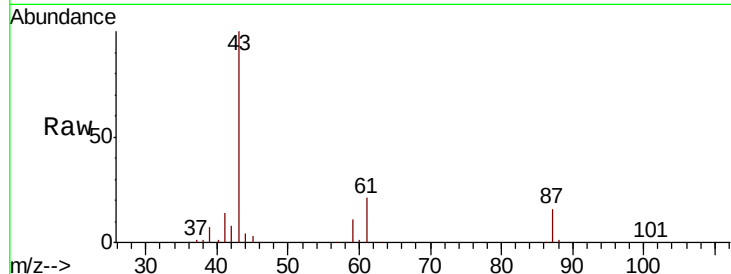
Tot Ion: 43 Resp: 163593

Ion Ratio Lower Upper

43 100

61 21.3 17.0 25.4

87 15.8 12.1 18.1



#44

Trichloroethene

Concen: 50.701 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013217.D

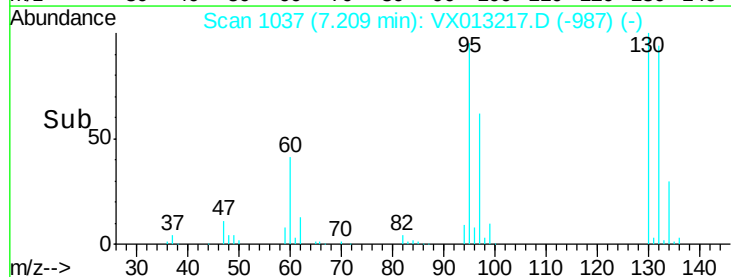
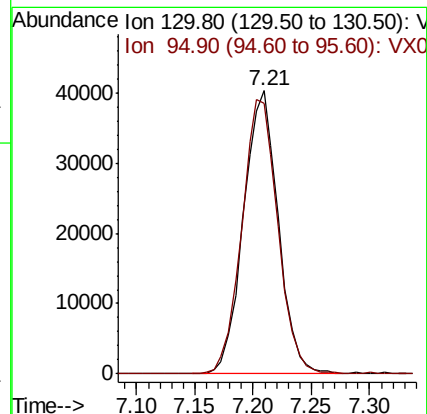
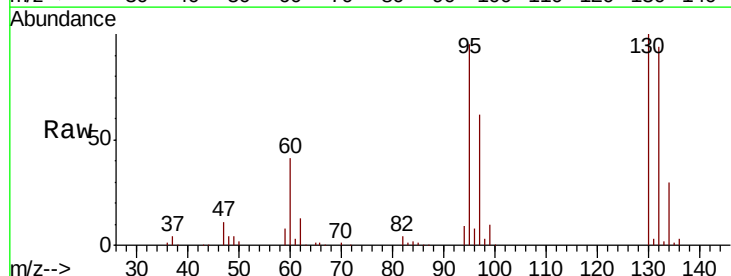
Acq: 24 Oct 2019 17:25

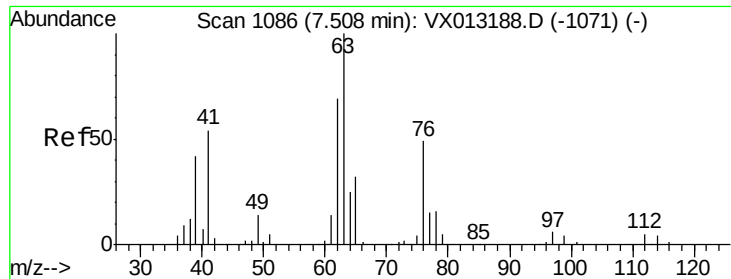
Tgt Ion:130 Resp: 83675

Ion Ratio Lower Upper

130 100

95 95.4 0.0 193.6

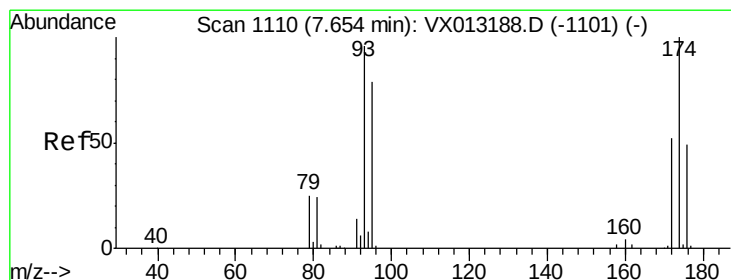
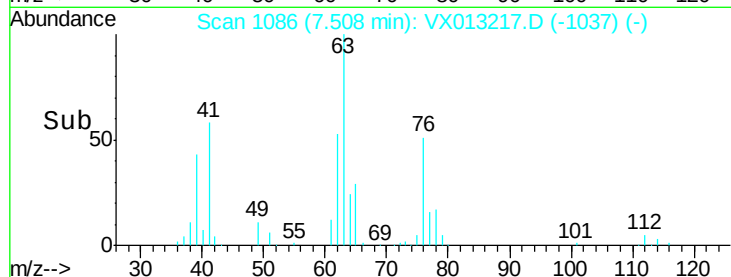
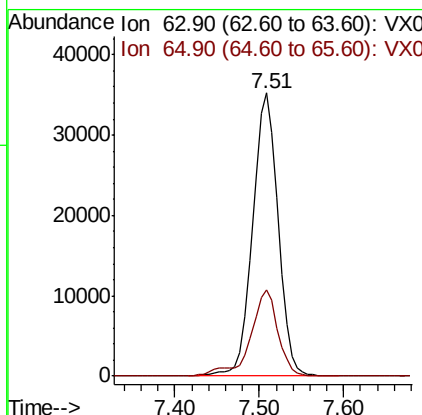
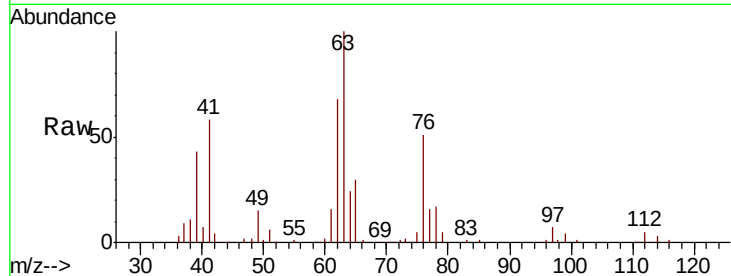




#45
 1,2-Dichloropropane
 Concen: 49.776 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX013217.D
 Acq: 24 Oct 2019 17:25

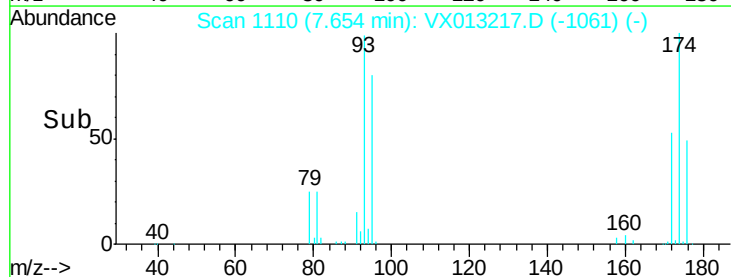
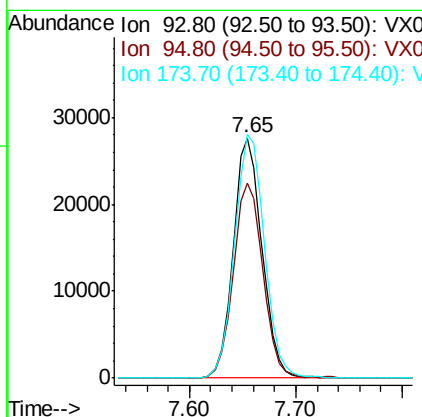
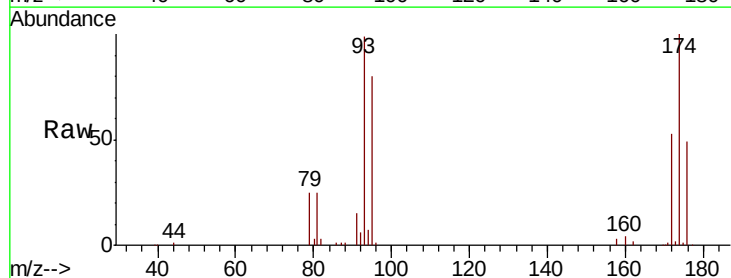
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

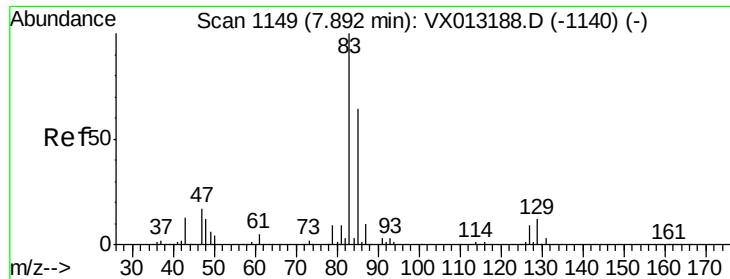
Tot Ion: 63 Resp: 72494
 Ion Ratio Lower Upper
 63 100
 65 30.3 25.3 37.9



#46
 Dibromomethane
 Concen: 49.908 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX013217.D
 Acq: 24 Oct 2019 17:25

Tgt Ion: 93 Resp: 52368
 Ion Ratio Lower Upper
 93 100
 95 83.9 66.2 99.4
 174 105.8 85.2 127.8

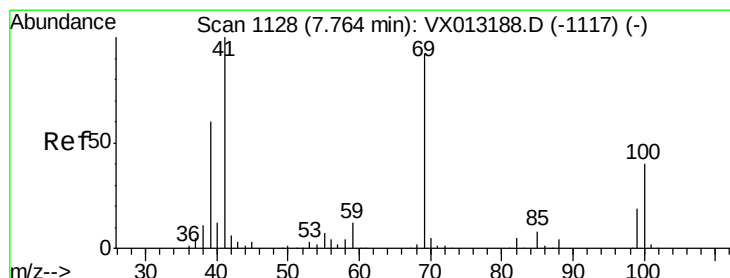
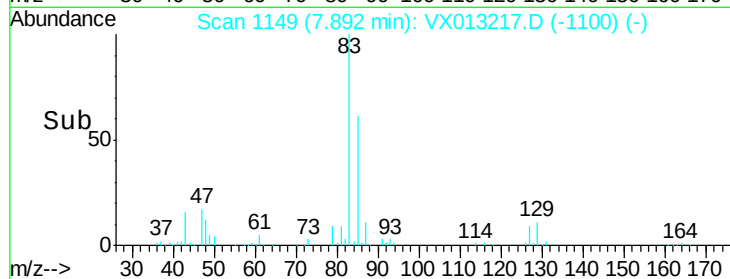
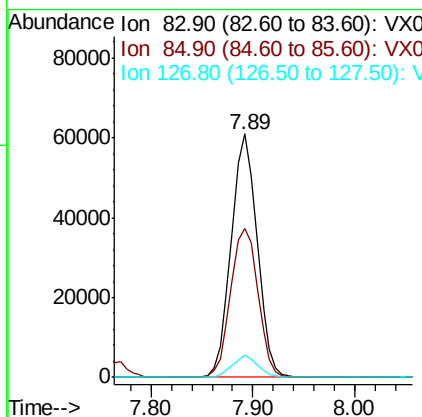
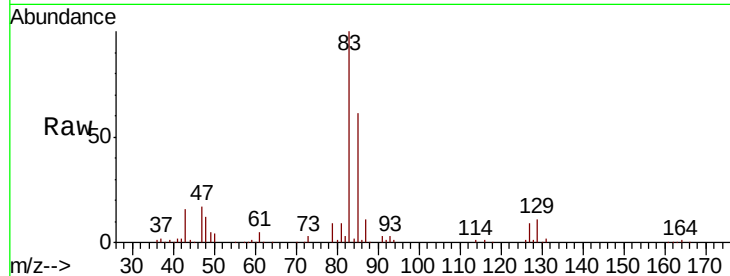




#47
Bromodichloromethane
Concen: 52.530 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. -0.00 min
Lab File: VX013217.D
Acq: 24 Oct 2019 17:25

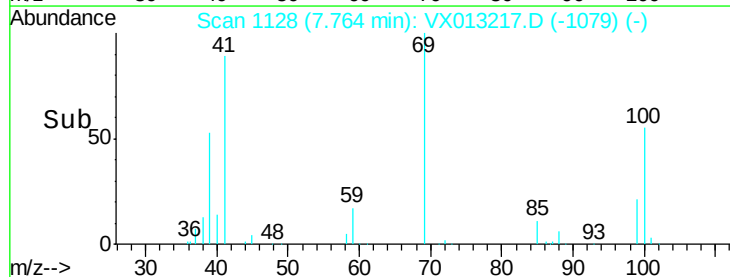
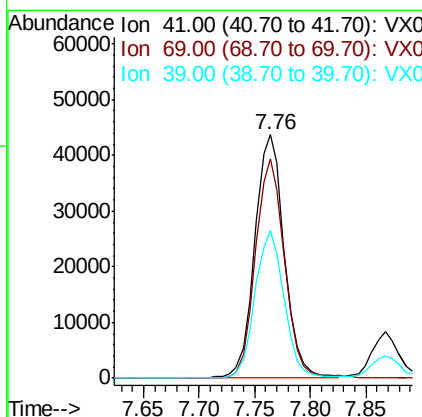
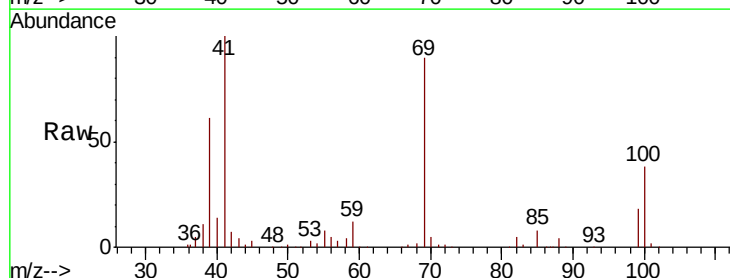
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

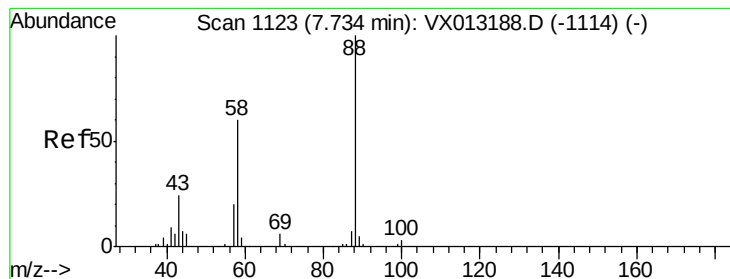
Tot Ion: 83 Resp: 107418
Ion Ratio Lower Upper
83 100
85 61.3 51.0 76.6
127 8.9 7.2 10.8



#48
Methyl methacrylate
Concen: 51.125 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX013217.D
Acq: 24 Oct 2019 17:25

Tgt Ion: 41 Resp: 80937
Ion Ratio Lower Upper
41 100
69 89.0 72.0 108.0
39 59.9 47.4 71.0





#49

1,4-Dioxane

Concen: 1016.647 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VX013217.D

Acq: 24 Oct 2019 17:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

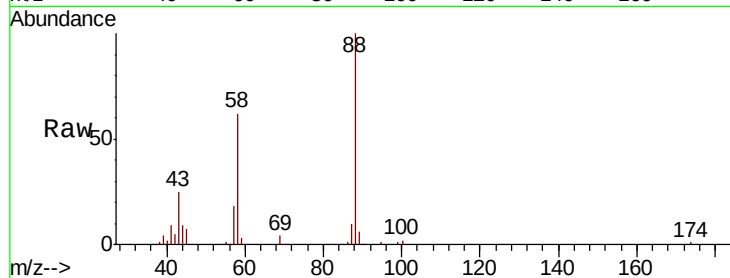
Tot Ion: 88 Resp: 40963

Ion Ratio Lower Upper

88 100

43 30.3 24.5 36.7

58 65.2 54.1 81.1

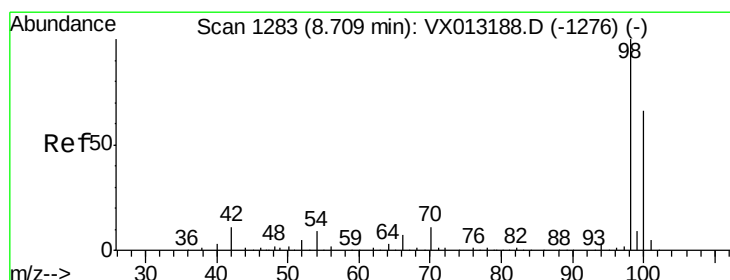
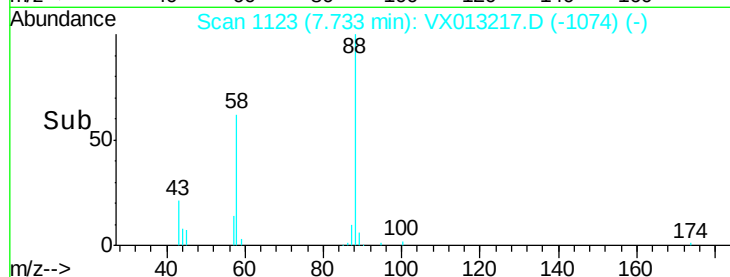
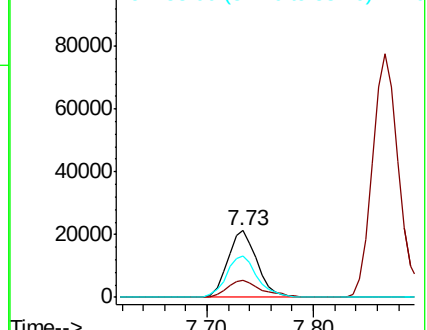


Abundance

Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 50.064 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013217.D

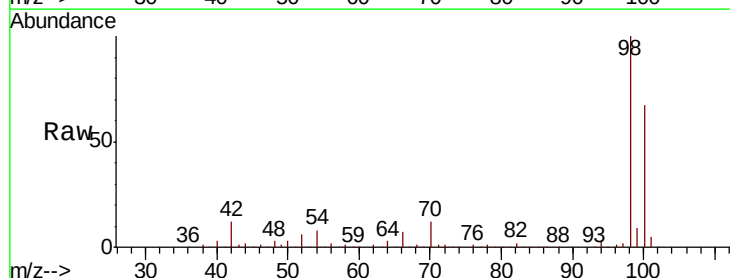
Acq: 24 Oct 2019 17:25

Tgt Ion: 98 Resp: 239519

Ion Ratio Lower Upper

98 100

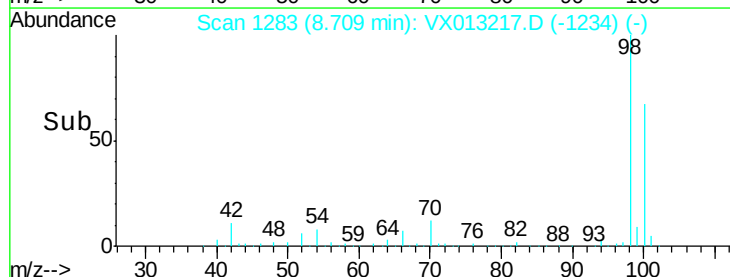
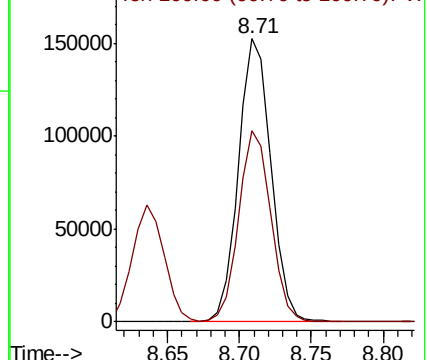
100 66.8 53.3 79.9

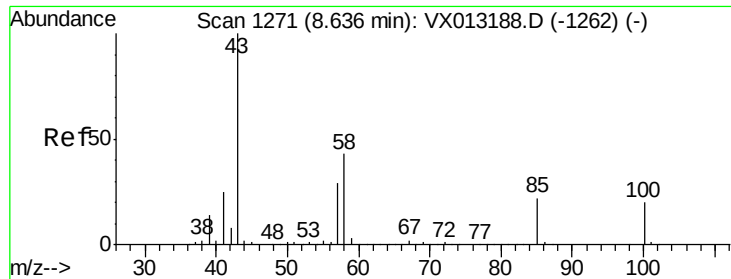


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 256.026 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013217.D

Acq: 24 Oct 2019 17:25

Instrument :

MSVOA_X

ClientSampleId :

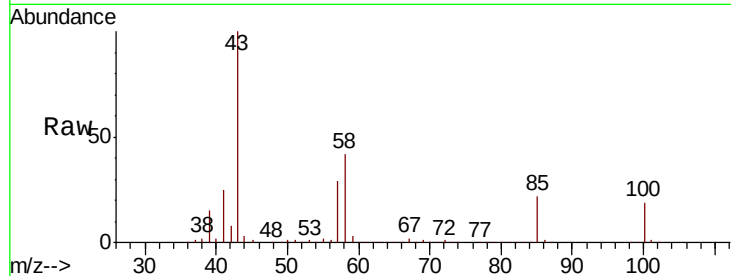
VSTDCCC050EC

Tot Ion: 43 Resp: 499854

Ion Ratio Lower Upper

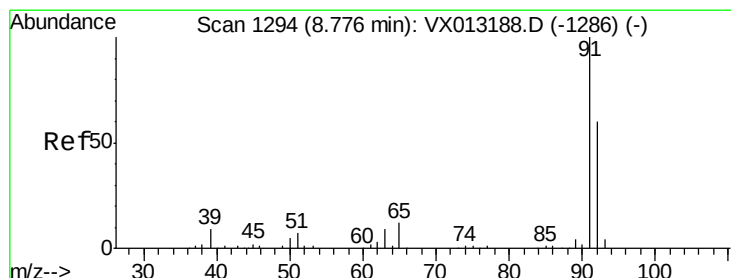
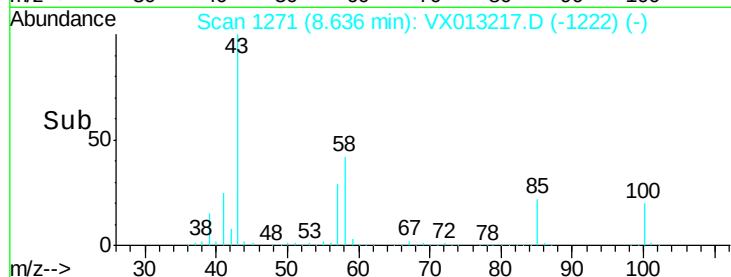
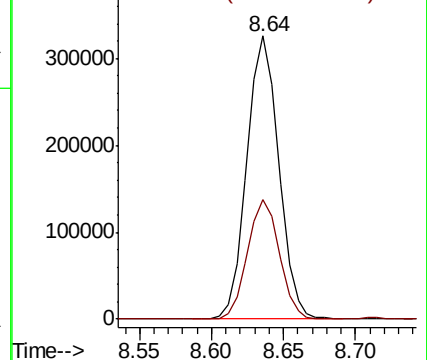
43 100

58 42.0 33.9 50.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 49.073 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VX013217.D

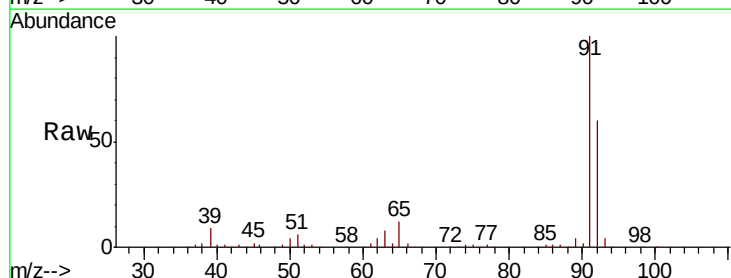
Acq: 24 Oct 2019 17:25

Tgt Ion: 92 Resp: 189109

Ion Ratio Lower Upper

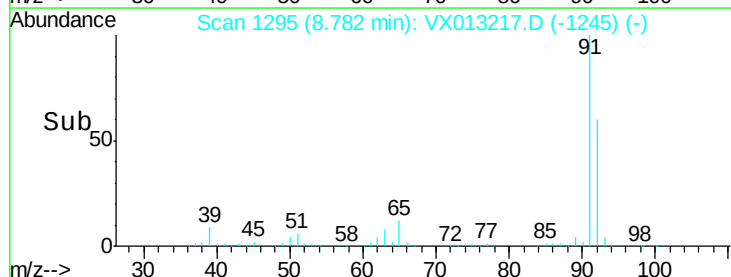
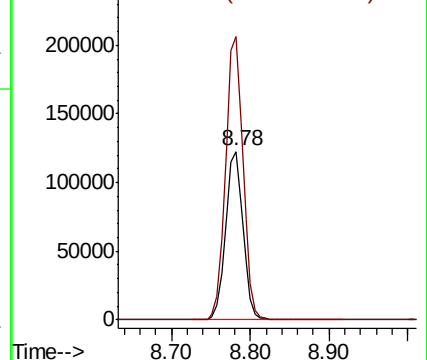
92 100

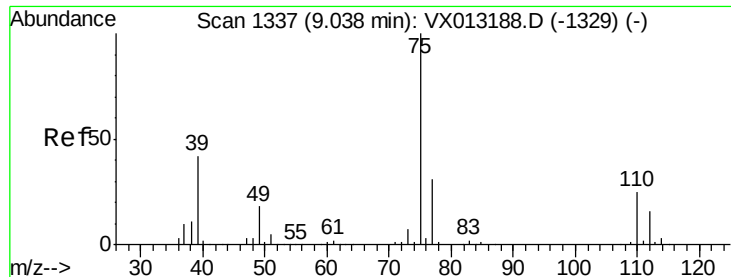
91 169.0 133.9 200.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

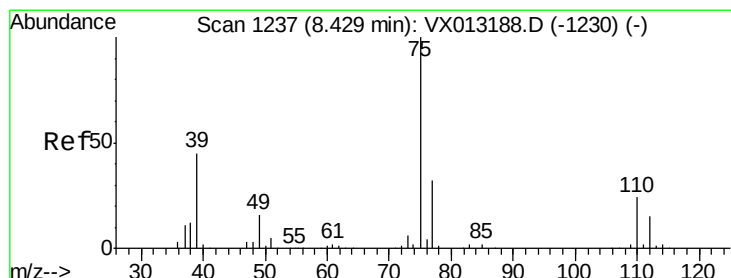
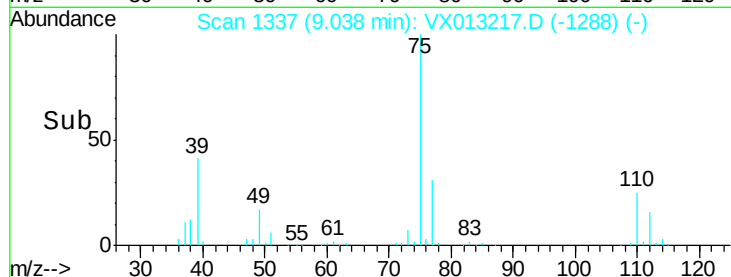
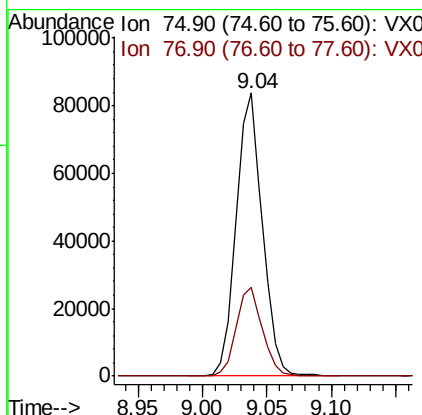
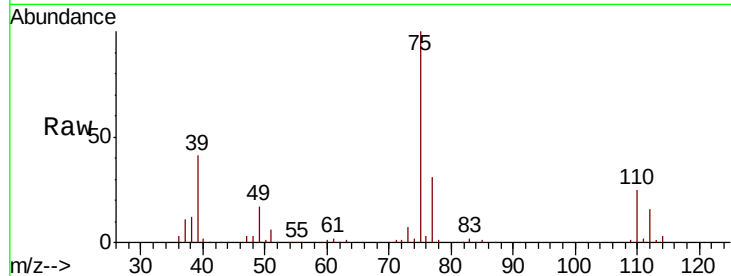




#53
t-1,3-Dichloropropene
Concen: 54.356 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX013217.D
Acq: 24 Oct 2019 17:25

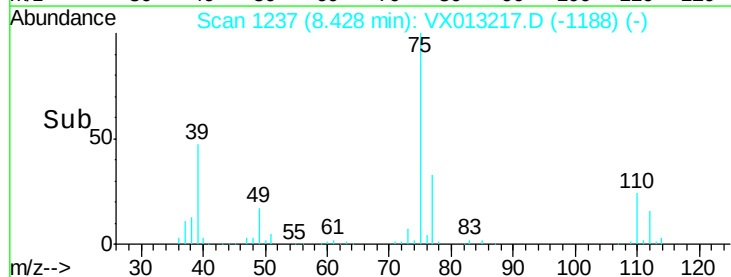
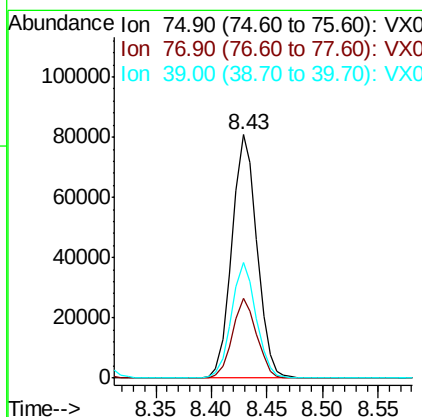
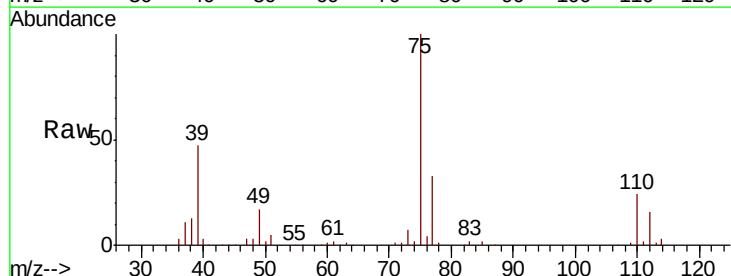
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

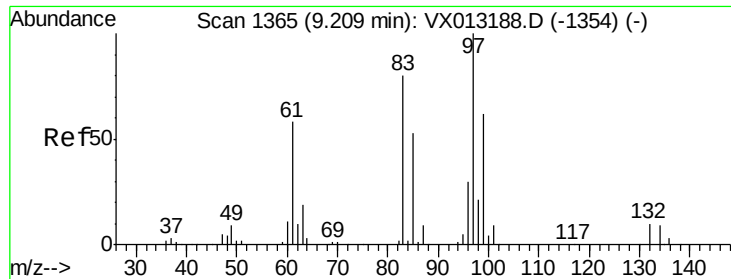
Tot Ion: 75 Resp: 118117
Ion Ratio Lower Upper
75 100
77 31.2 24.7 37.1



#54
cis-1,3-Dichloropropene
Concen: 53.056 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX013217.D
Acq: 24 Oct 2019 17:25

Tgt Ion: 75 Resp: 126125
Ion Ratio Lower Upper
75 100
77 32.9 25.4 38.0
39 47.5 36.2 54.4

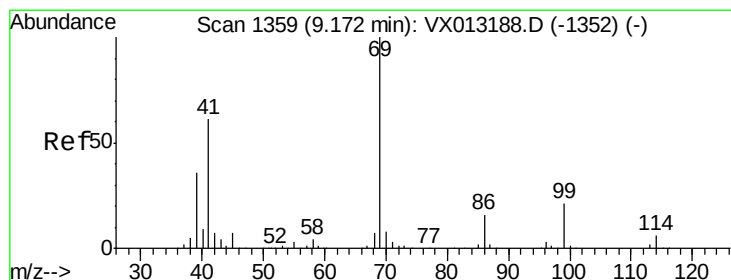
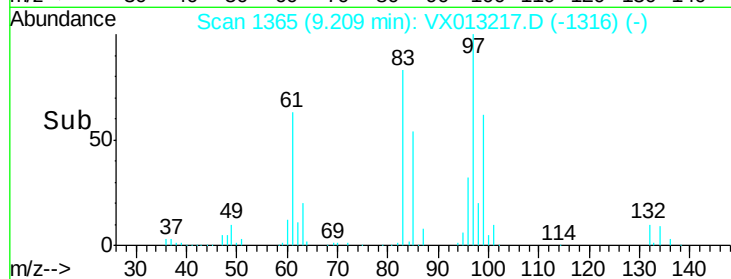
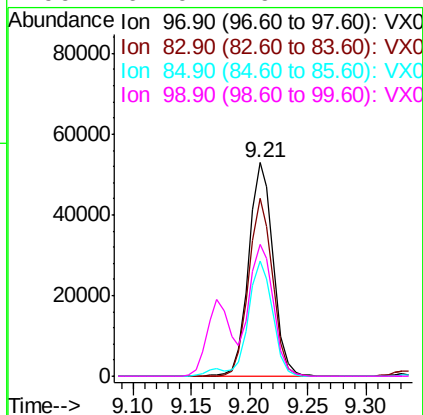
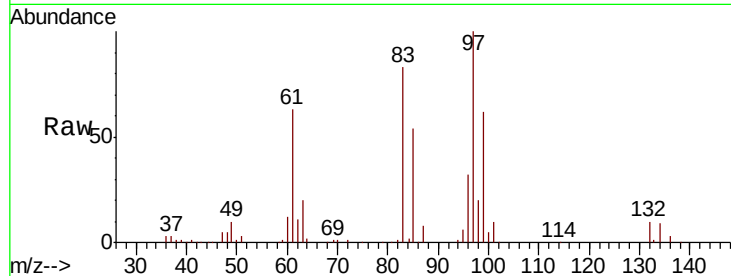




#55
 1,1,2-Trichloroethane
 Concen: 50.955 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013217.D
 Acq: 24 Oct 2019 17:25

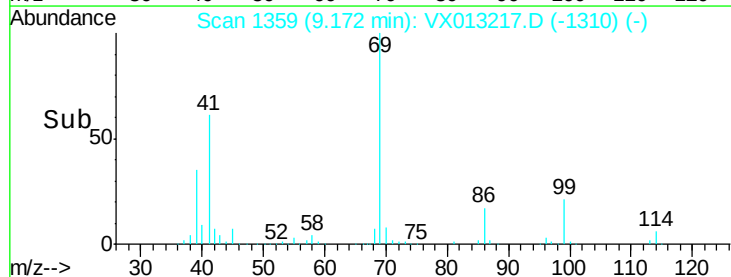
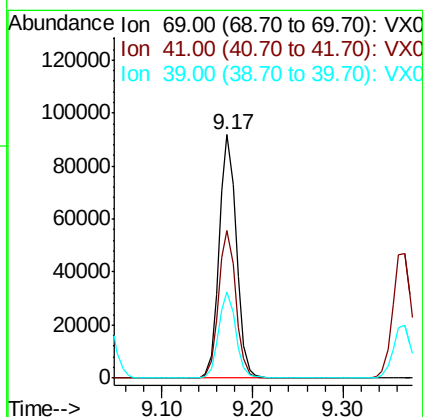
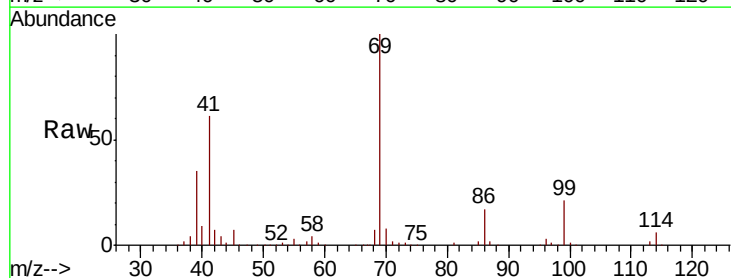
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

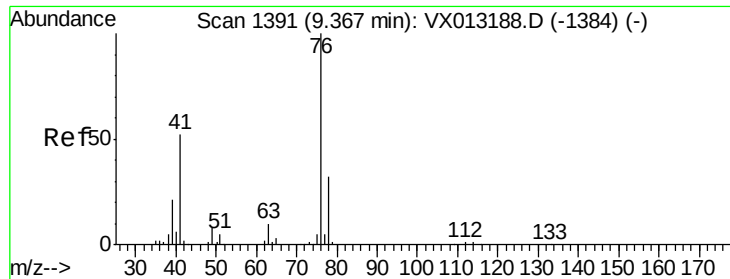
Tot Ion:	97	Resp:	77634
Ion	Ratio	Lower	Upper
97	100		
83	83.4	64.1	96.1
85	53.9	42.1	63.1
99	62.0	49.4	74.2



#56
 Ethyl methacrylate
 Concen: 53.580 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX013217.D
 Acq: 24 Oct 2019 17:25

Tgt Ion:	69	Resp:	122864
Ion	Ratio	Lower	Upper
69	100		
41	60.9	49.5	74.3
39	34.9	28.3	42.5

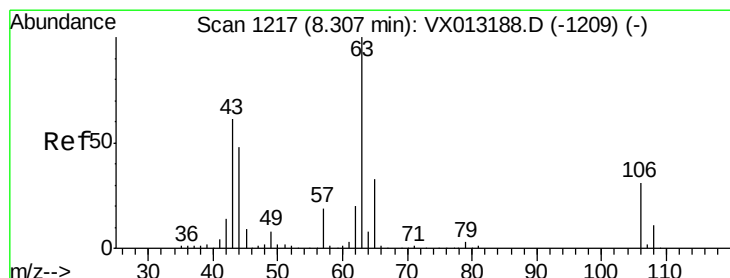
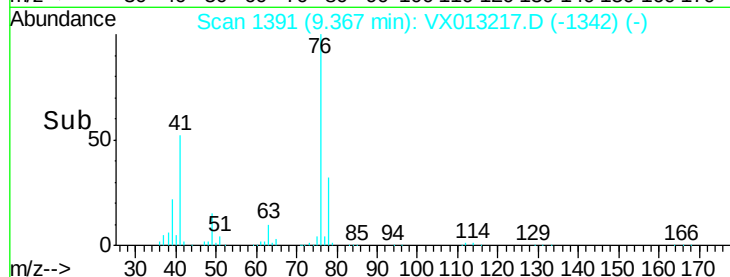
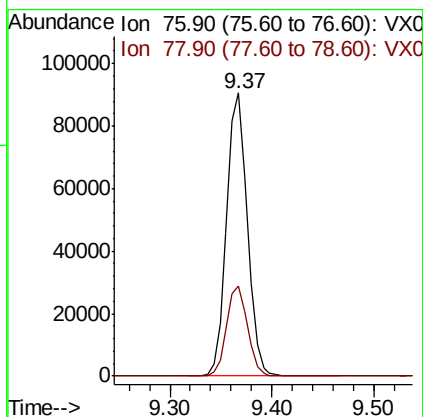
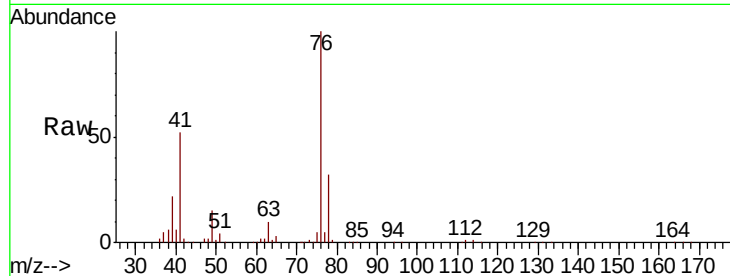




#57
 1,3-Dichloropropane
 Concen: 49.517 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX013217.D
 Acq: 24 Oct 2019 17:25

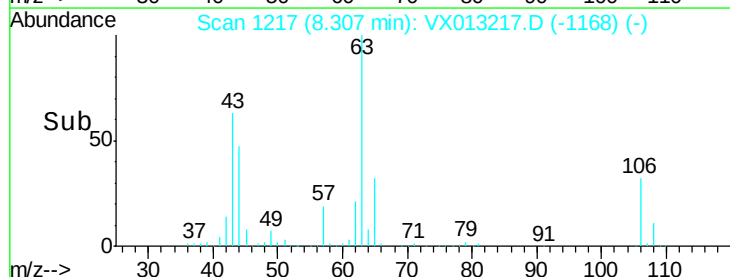
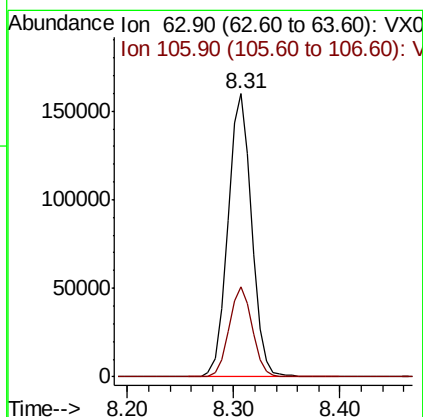
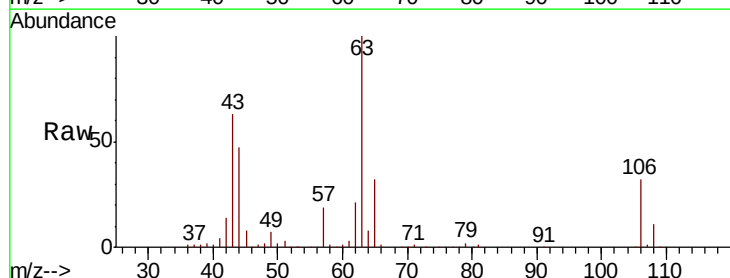
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

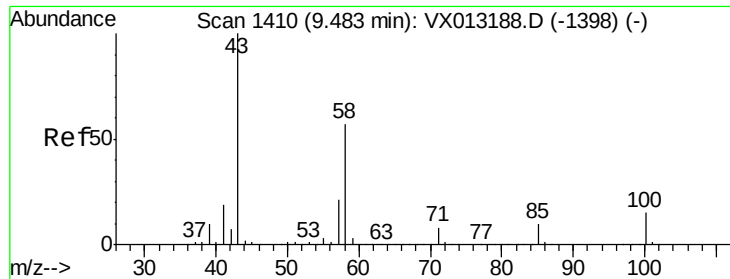
Tot Ion: 76 Resp: 127296
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 278.498 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. -0.00 min
 Lab File: VX013217.D
 Acq: 24 Oct 2019 17:25

Tgt Ion: 63 Resp: 249188
 Ion Ratio Lower Upper
 63 100
 106 31.3 25.4 38.0

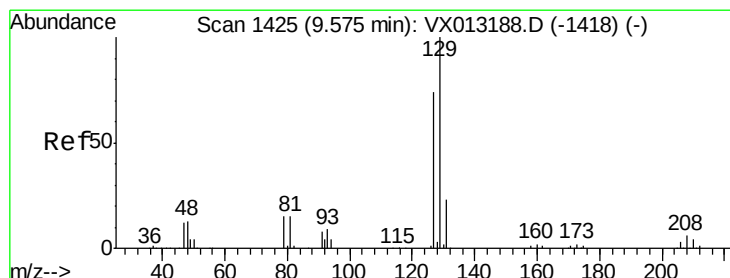
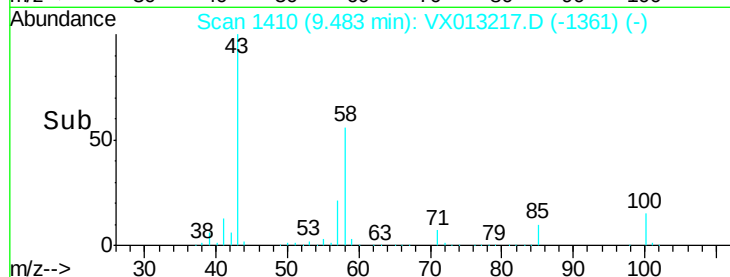
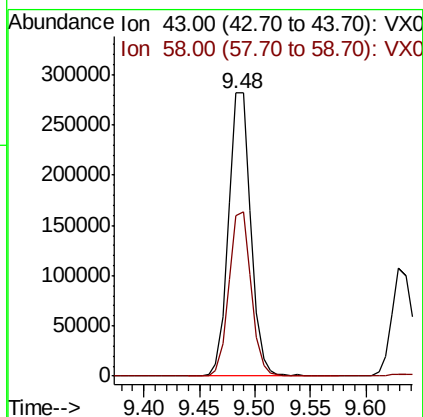
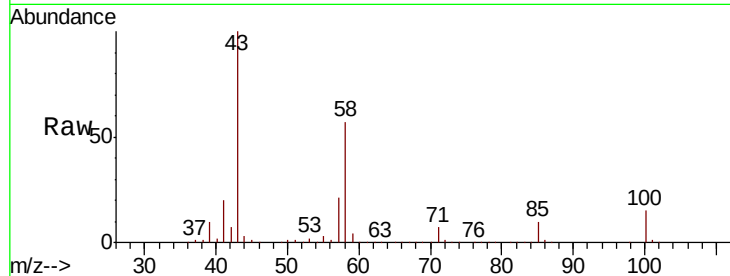




#59
2-Hexanone
Concen: 259.778 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX013217.D
Acq: 24 Oct 2019 17:25

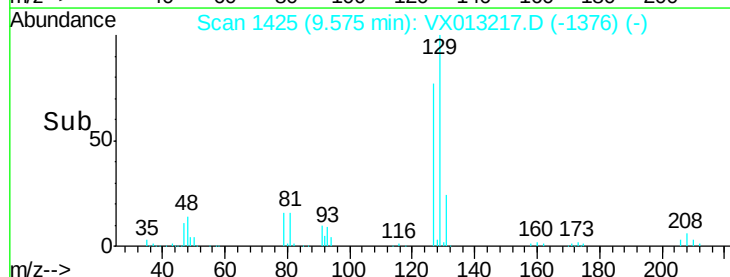
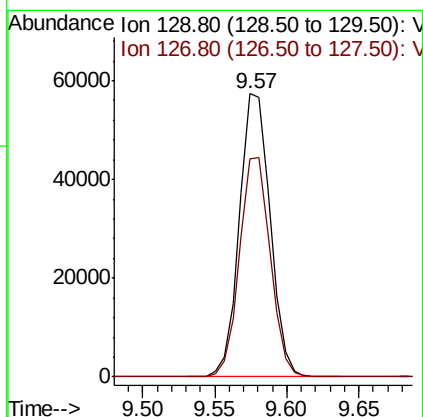
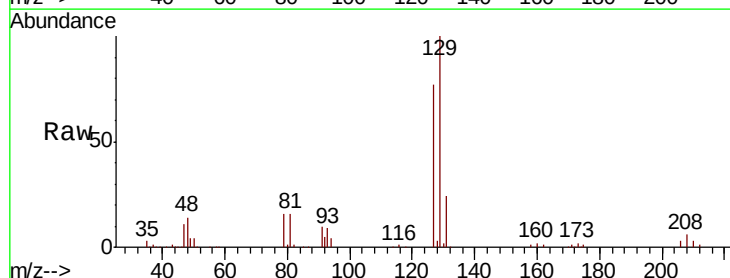
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

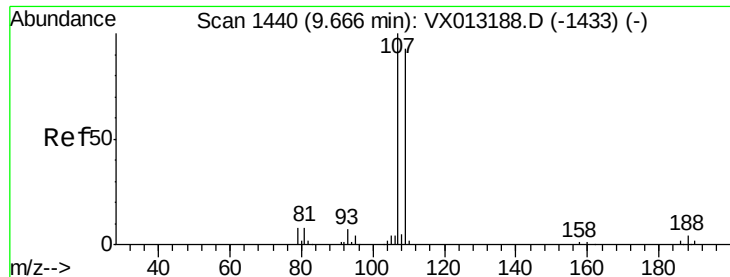
Tot Ion: 43 Resp: 390677
Ion Ratio Lower Upper
43 100
58 57.8 28.2 84.7



#60
Dibromochloromethane
Concen: 53.431 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX013217.D
Acq: 24 Oct 2019 17:25

Tgt Ion: 129 Resp: 85302
Ion Ratio Lower Upper
129 100
127 77.3 38.2 114.6





#61

1,2-Dibromoethane

Concen: 50.625 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013217.D

Acq: 24 Oct 2019 17:25

Instrument :

MSVOA_X

ClientSampleId :

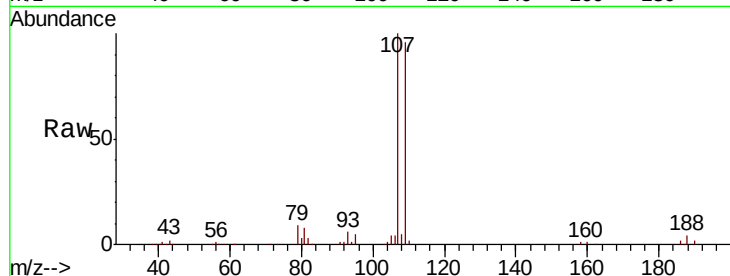
VSTDCCC050EC

Tot Ion:107 Resp: 81883

Ion Ratio Lower Upper

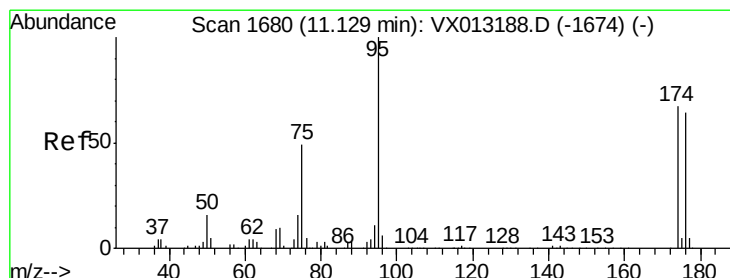
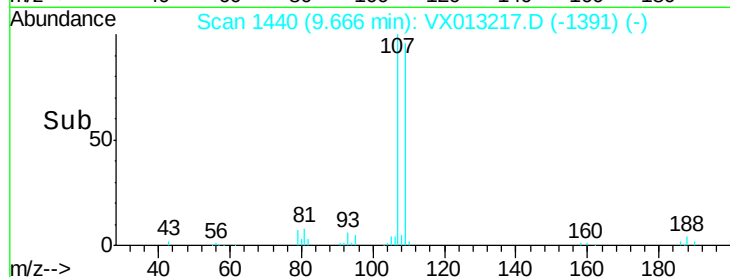
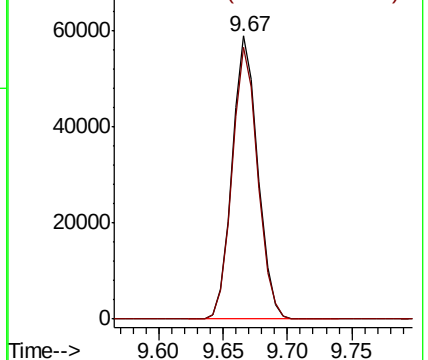
107 100

109 96.0 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.607 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX013217.D

Acq: 24 Oct 2019 17:25

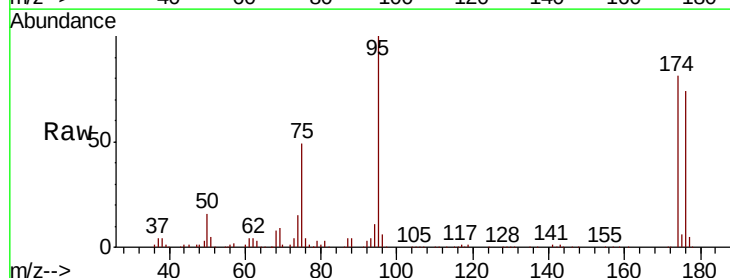
Tgt Ion: 95 Resp: 95831

Ion Ratio Lower Upper

95 100

174 77.0 0.0 152.4

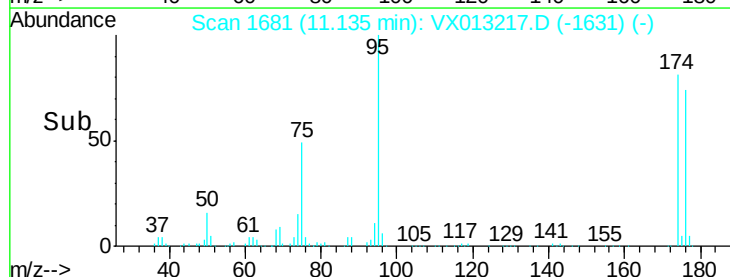
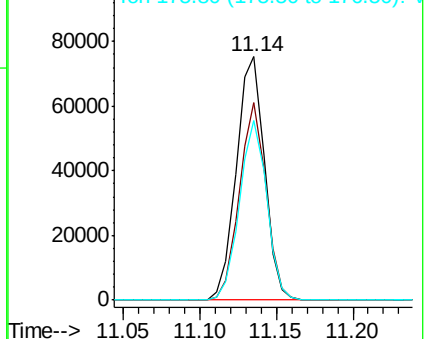
176 71.3 0.0 146.0

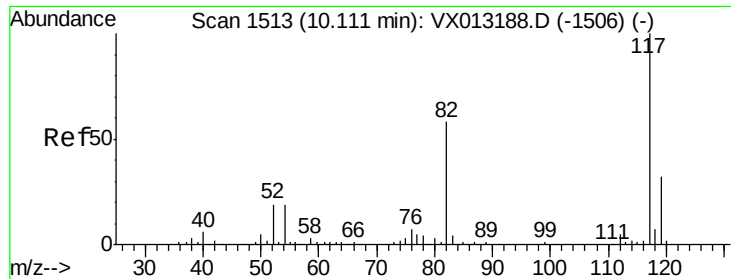


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

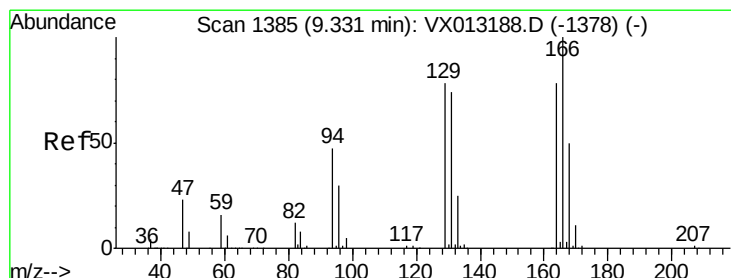
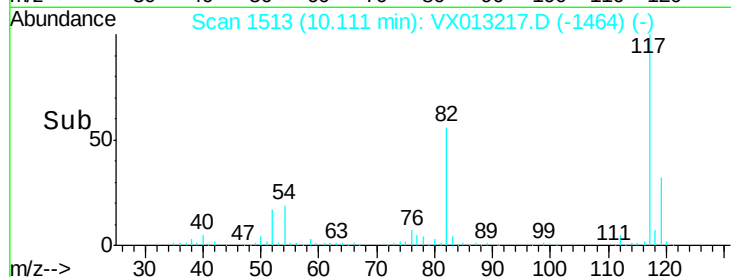
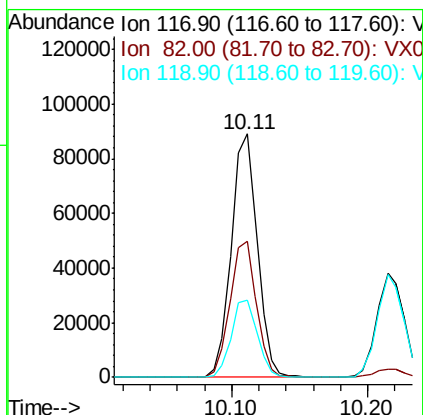
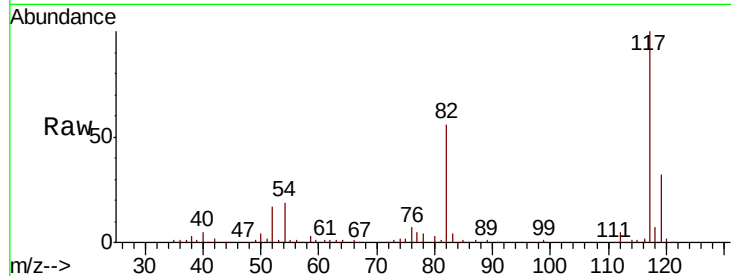




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013217.D
Acq: 24 Oct 2019 17:25

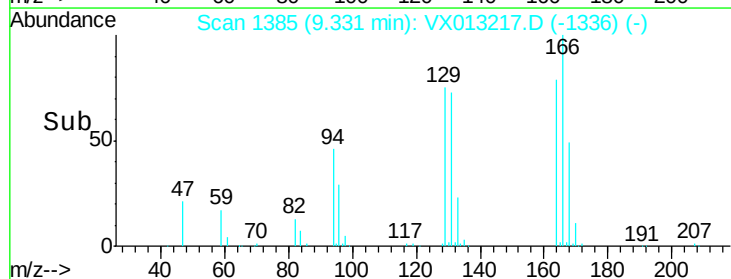
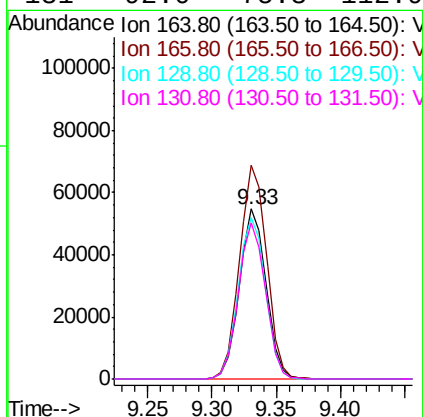
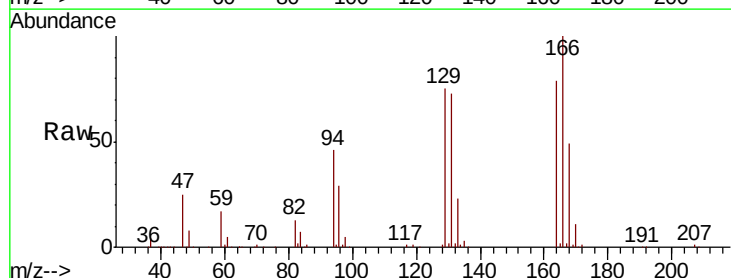
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

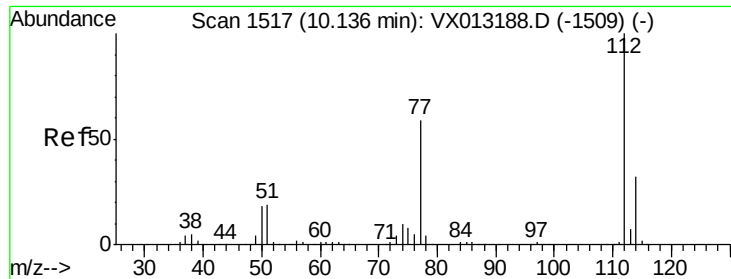
Tot Ion:117 Resp: 118689
Ion Ratio Lower Upper
117 100
82 56.1 46.5 69.7
119 31.9 25.2 37.8



#64
Tetrachloroethene
Concen: 53.570 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013217.D
Acq: 24 Oct 2019 17:25

Tgt Ion:164 Resp: 78250
Ion Ratio Lower Upper
164 100
166 125.9 102.2 153.4
129 94.8 79.8 119.8
131 92.0 75.3 112.9

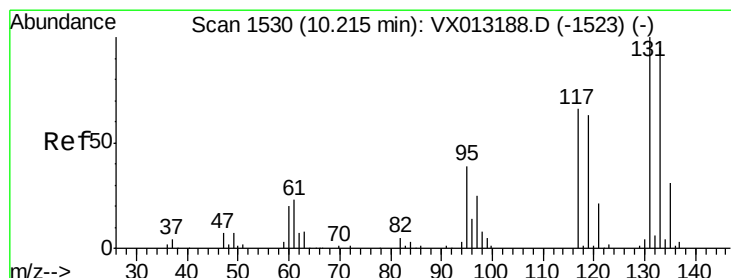
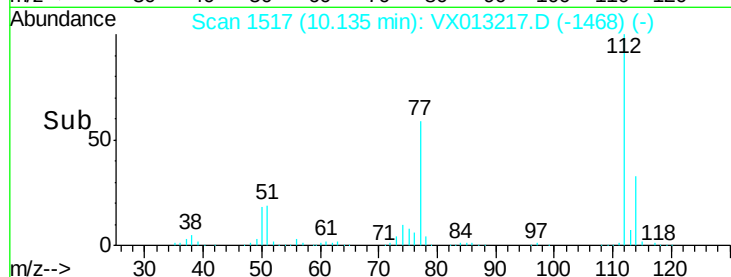
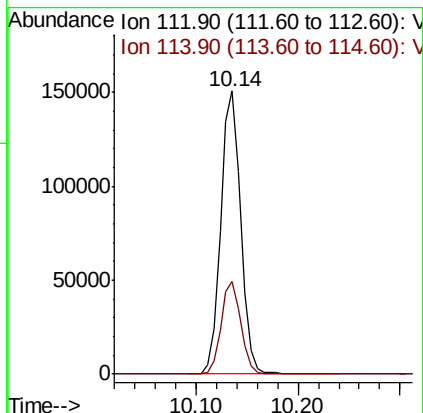
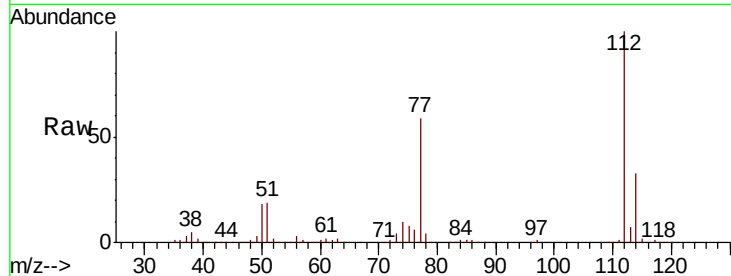




#65
Chlorobenzene
Concen: 49.387 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013217.D
Acq: 24 Oct 2019 17:25

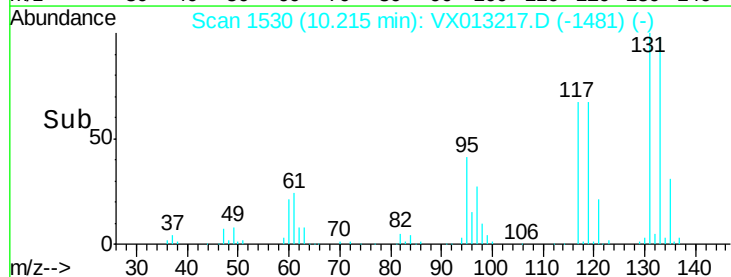
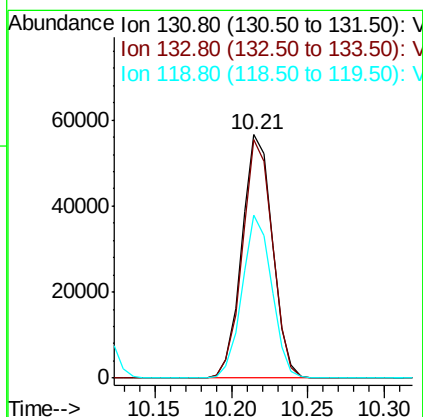
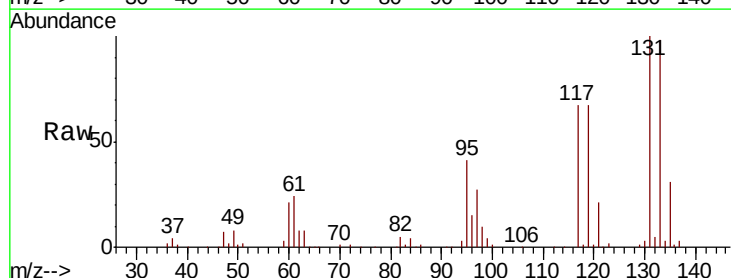
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

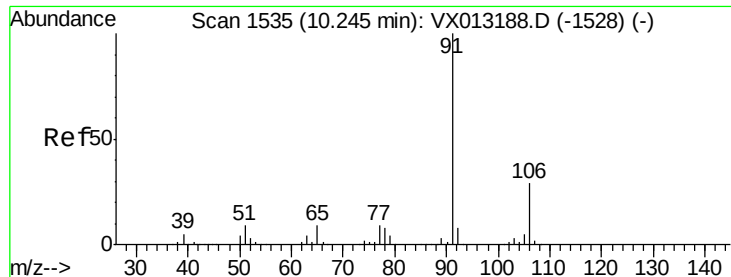
Tot Ion:112 Resp: 205192
Ion Ratio Lower Upper
112 100
114 32.7 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 51.235 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX013217.D
Acq: 24 Oct 2019 17:25

Tgt Ion:131 Resp: 78638
Ion Ratio Lower Upper
131 100
133 96.2 48.4 145.2
119 64.5 32.4 97.0

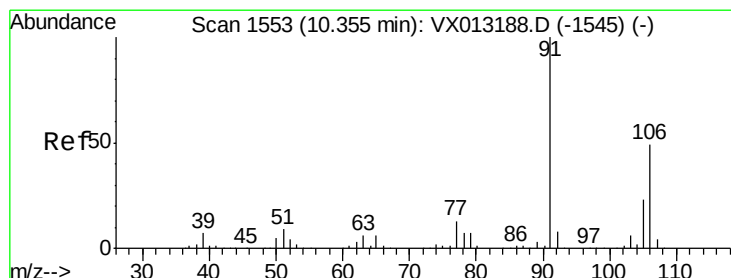
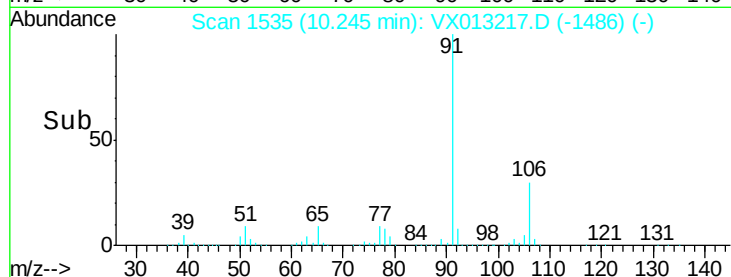
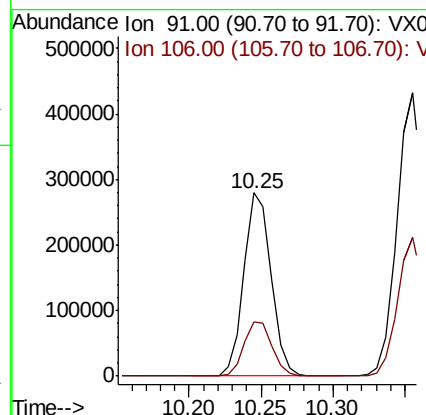
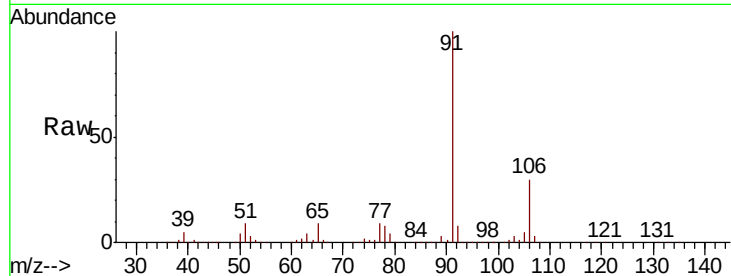




#67
Ethyl Benzene
Concen: 49.320 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX013217.D
Acq: 24 Oct 2019 17:25

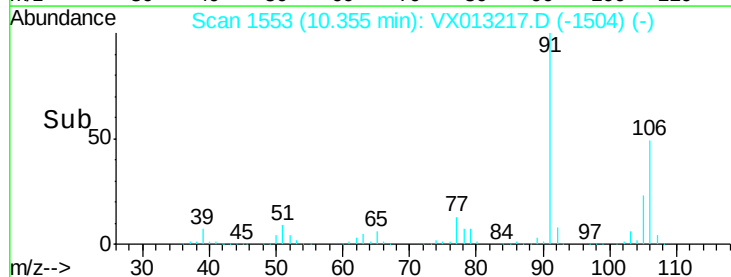
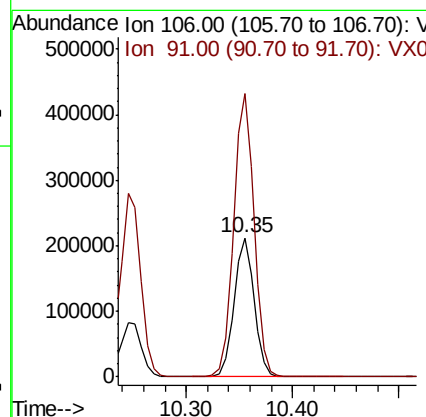
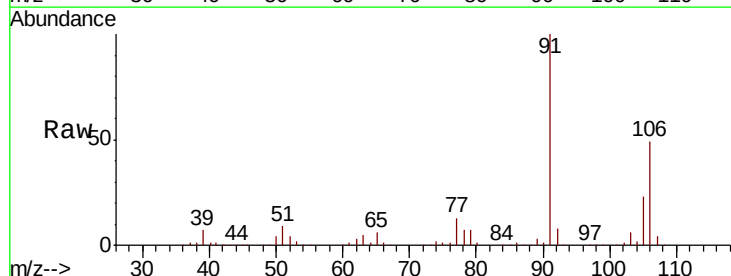
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

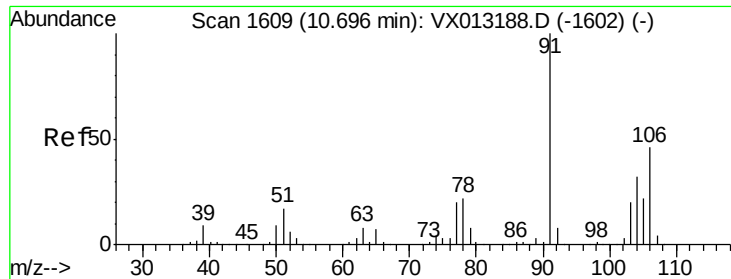
Tot Ion: 91 Resp: 366847
Ion Ratio Lower Upper
91 100
106 29.7 23.5 35.3



#68
m/p-Xylenes
Concen: 99.550 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013217.D
Acq: 24 Oct 2019 17:25

Tgt Ion: 106 Resp: 279832
Ion Ratio Lower Upper
106 100
91 207.1 166.8 250.2

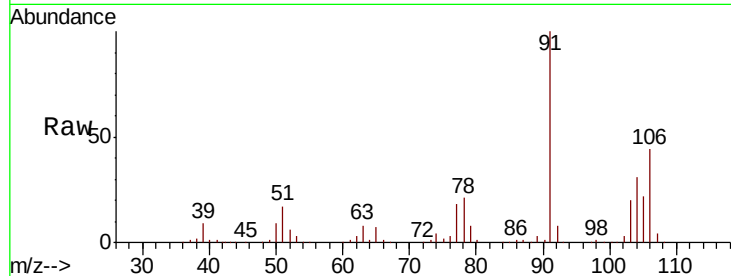




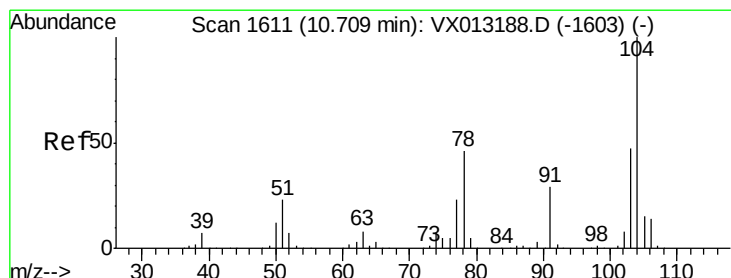
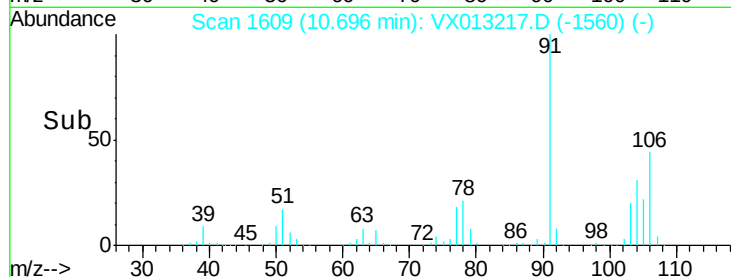
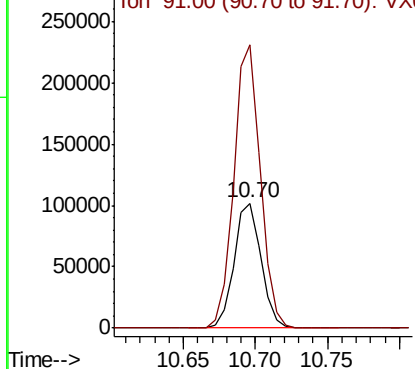
#69
o-Xylene
Concen: 49.306 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013217.D
Acq: 24 Oct 2019 17:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 132953
Ion Ratio Lower Upper
106 100
91 223.1 110.7 331.9

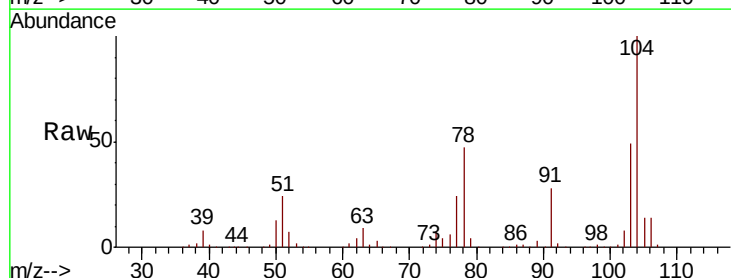


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

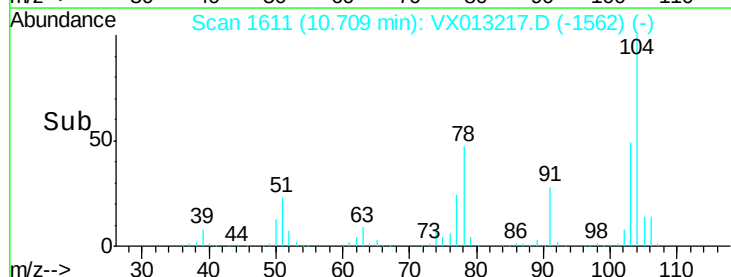
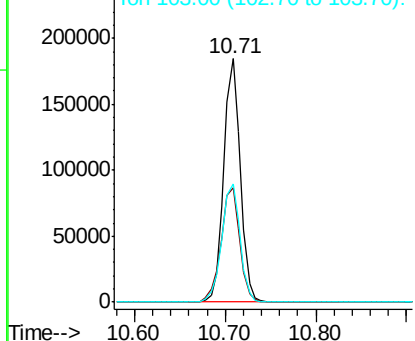


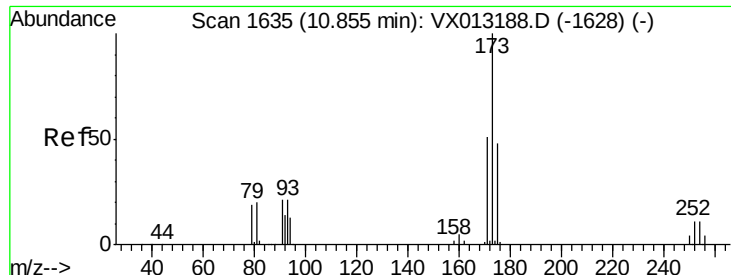
#70
Styrene
Concen: 50.635 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013217.D
Acq: 24 Oct 2019 17:25

Tgt Ion:104 Resp: 235106
Ion Ratio Lower Upper
104 100
78 52.9 42.2 63.4
103 53.8 42.8 64.2



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





#71

Bromoform

Concen: 54.973 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX013217.D

Acq: 24 Oct 2019 17:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

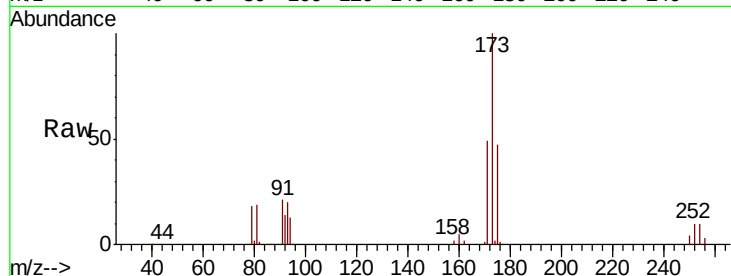
Tot Ion:173 Resp: 61651

Ion Ratio Lower Upper

173 100

175 48.5 24.3 72.8

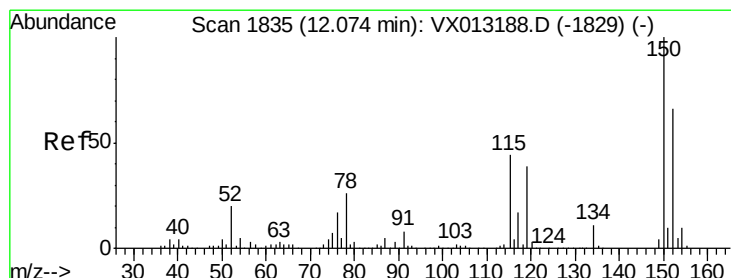
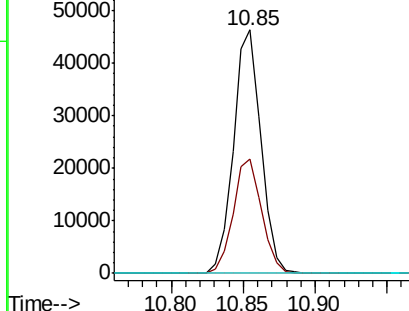
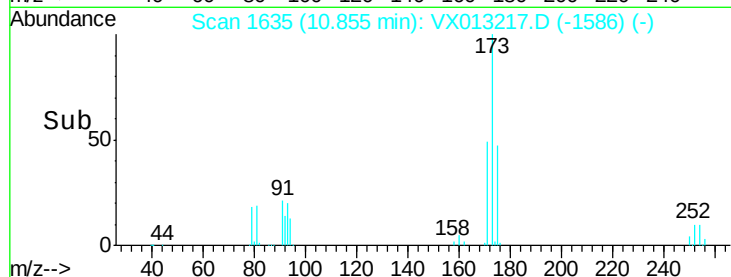
254 0.1 0.1 0.1



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013217.D

Acq: 24 Oct 2019 17:25

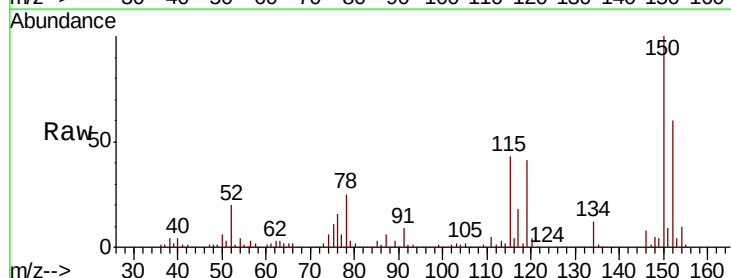
Tgt Ion:152 Resp: 81086

Ion Ratio Lower Upper

152 100

115 94.3 46.6 139.8

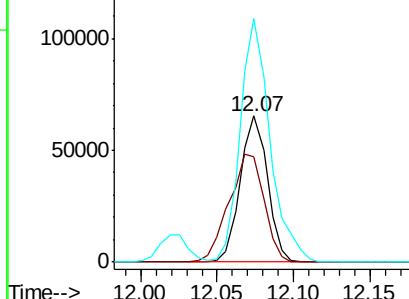
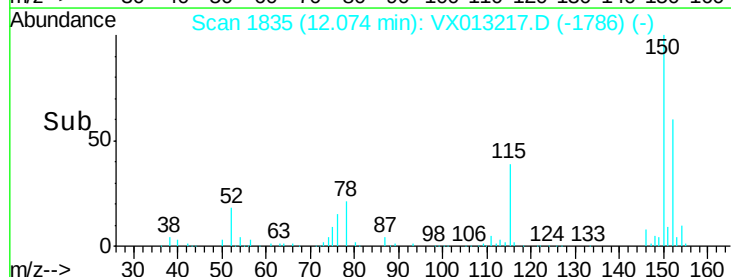
150 181.8 0.0 354.0

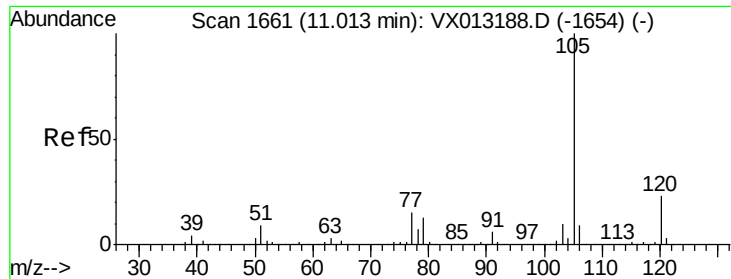


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.933 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013217.D

Acq: 24 Oct 2019 17:25

Instrument :

MSVOA_X

ClientSampleId :

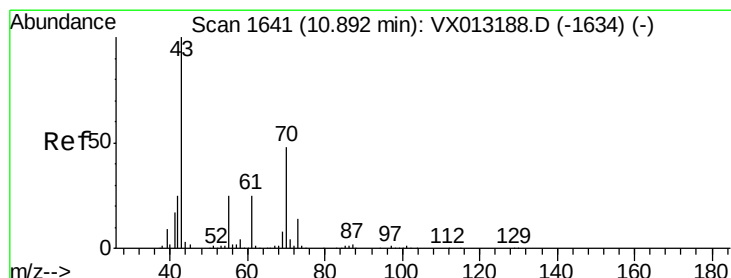
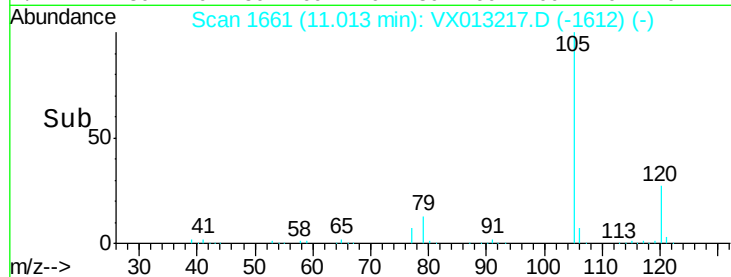
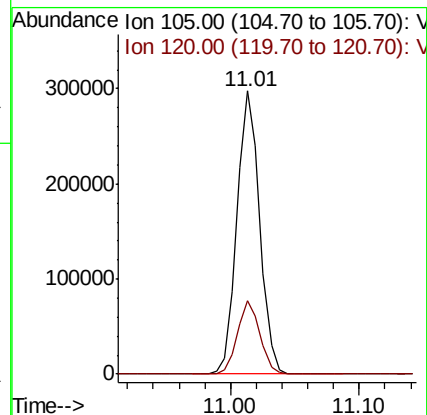
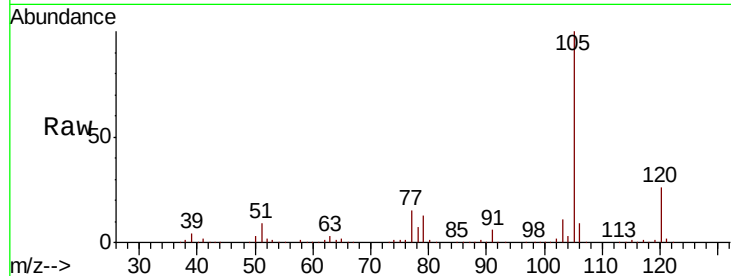
VSTDCCC050EC

Tot Ion:105 Resp: 367673

Ion Ratio Lower Upper

105 100

120 25.4 12.6 37.8



#74

N-ethyl acetate

Concen: 52.115 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013217.D

Acq: 24 Oct 2019 17:25

Tgt Ion: 43 Resp: 140844

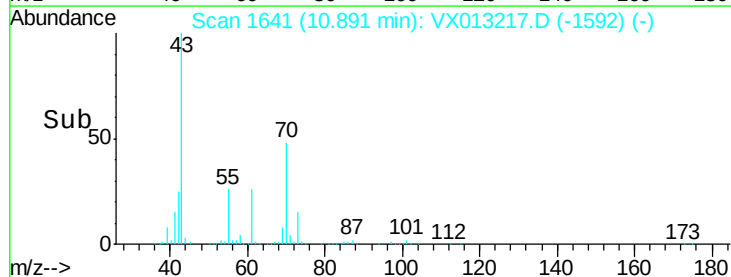
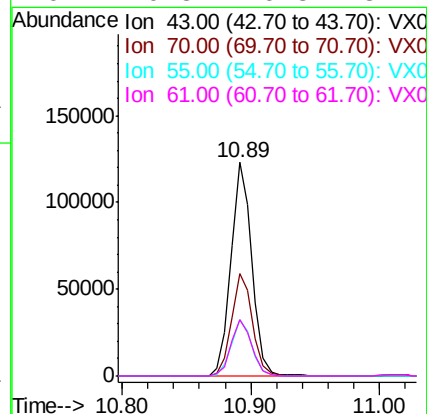
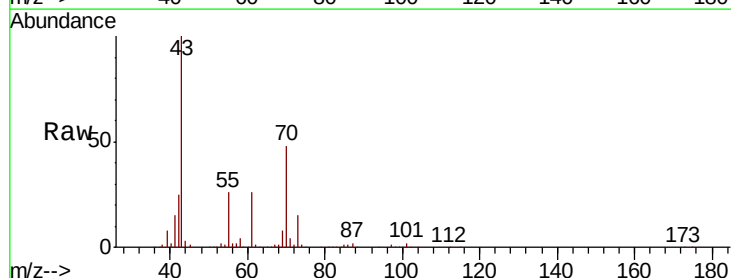
Ion Ratio Lower Upper

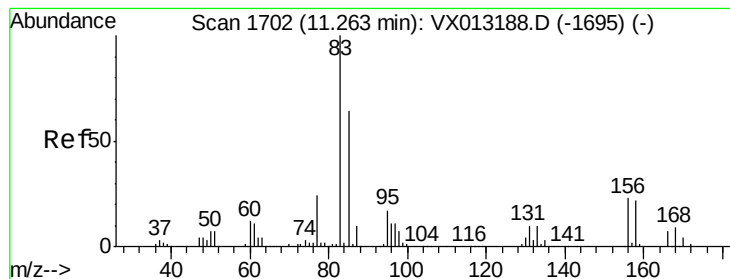
43 100

70 47.9 38.5 57.7

55 26.1 20.7 31.1

61 26.3 20.8 31.2





#75

1,1,2,2-Tetrachloroethane

Concen: 49.189 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013217.D

Acq: 24 Oct 2019 17:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

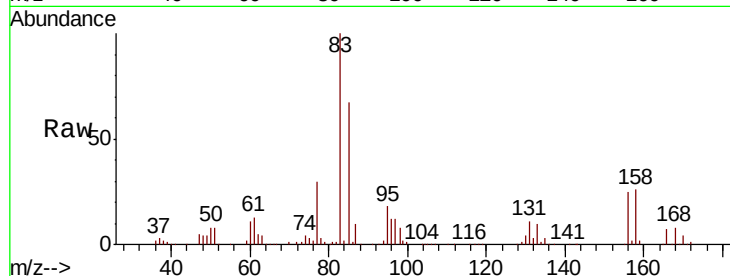
Tot Ion: 83 Resp: 109977

Ion Ratio Lower Upper

83 100

131 11.5 5.3 16.1

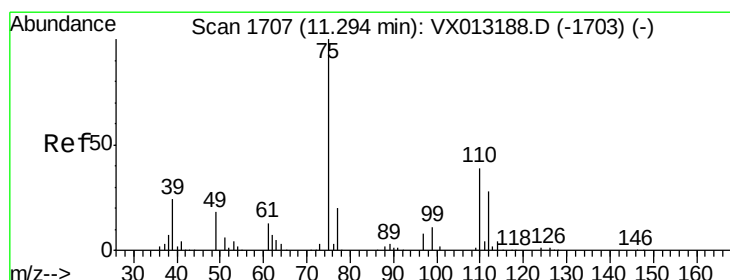
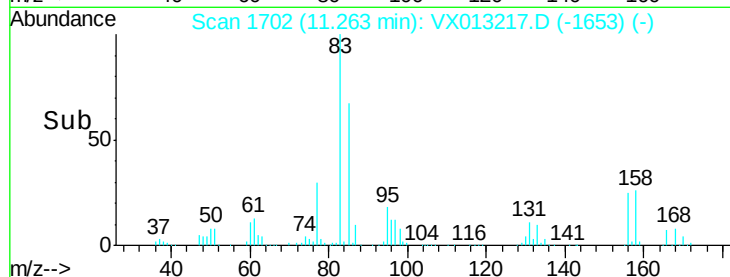
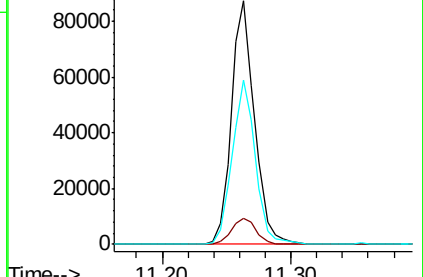
85 67.5 31.4 94.3



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: 67.012 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX013217.D

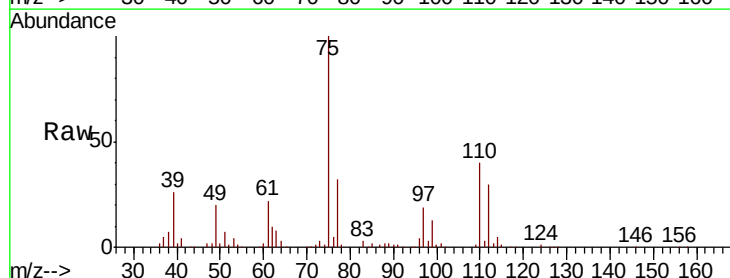
Acq: 24 Oct 2019 17:25

Tgt Ion: 75 Resp: 130962

Ion Ratio Lower Upper

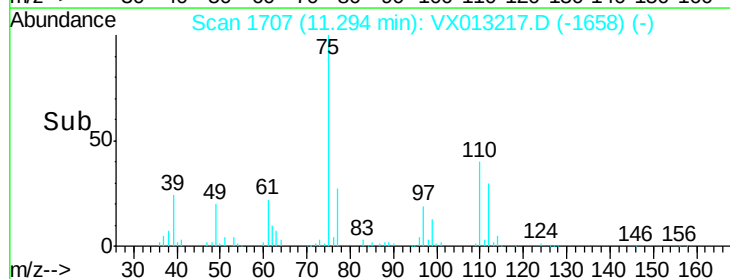
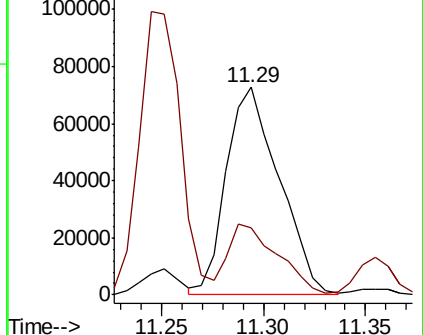
75 100

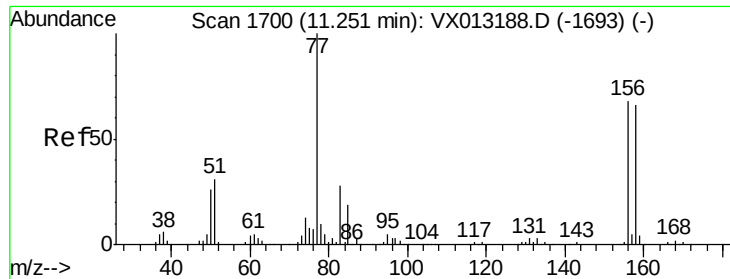
77 31.6 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.299 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013217.D

Acq: 24 Oct 2019 17:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

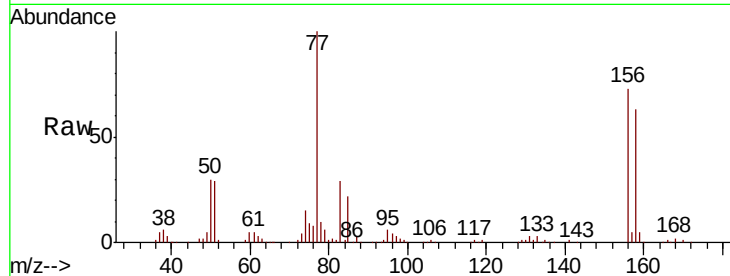
Tot Ion:156 Resp: 87003

Ion Ratio Lower Upper

156 100

77 160.0 81.7 245.1

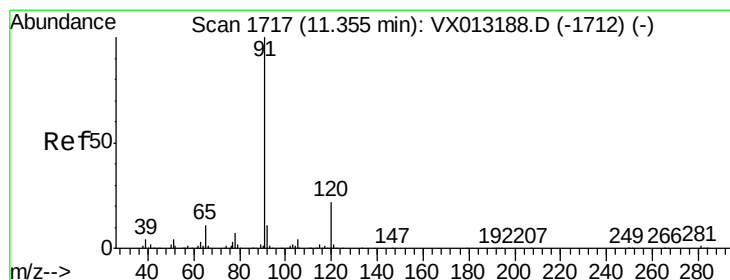
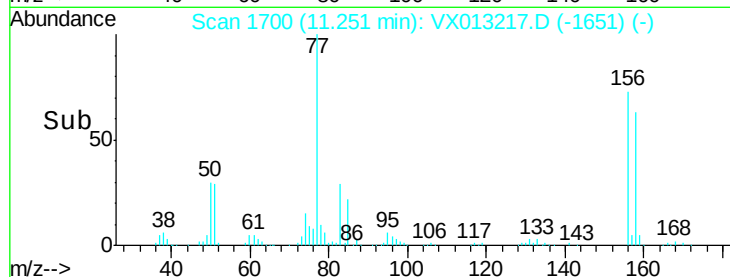
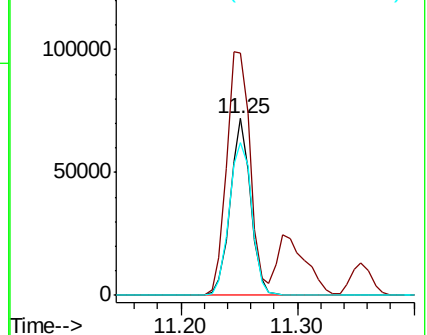
158 96.8 49.6 148.8



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: 49.286 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013217.D

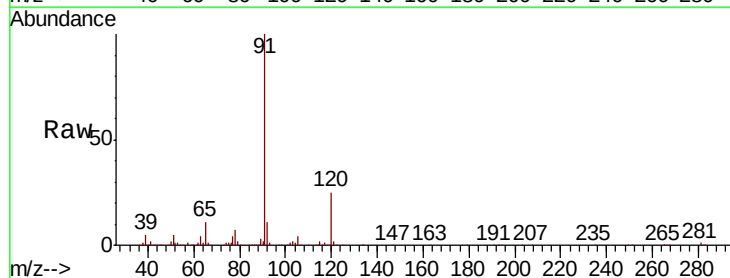
Acq: 24 Oct 2019 17:25

Tgt Ion: 91 Resp: 394212

Ion Ratio Lower Upper

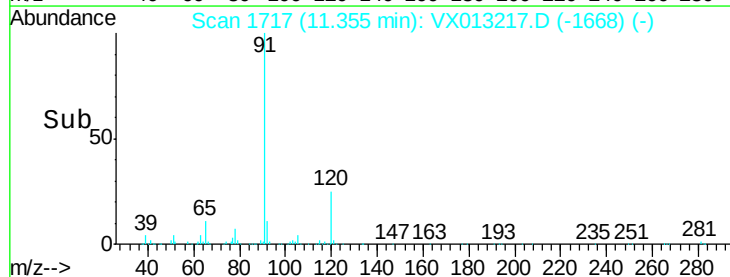
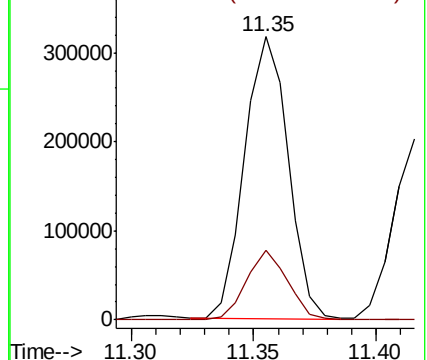
91 100

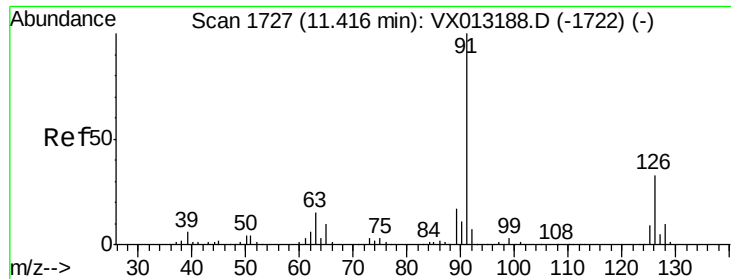
120 23.3 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.127 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013217.D

Acq: 24 Oct 2019 17:25

Instrument :

MSVOA_X

ClientSampleId :

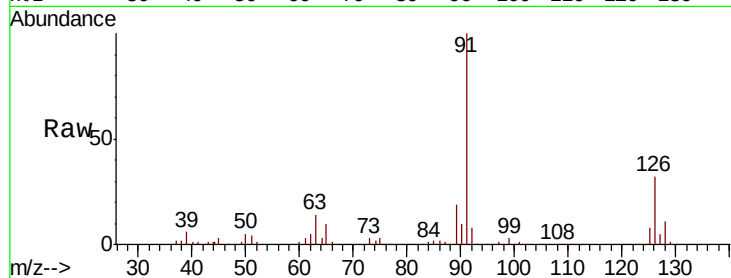
VSTDCCC050EC

Tot Ion: 91 Resp: 253326

Ion Ratio Lower Upper

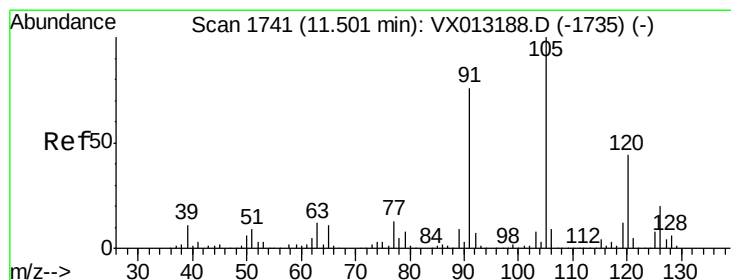
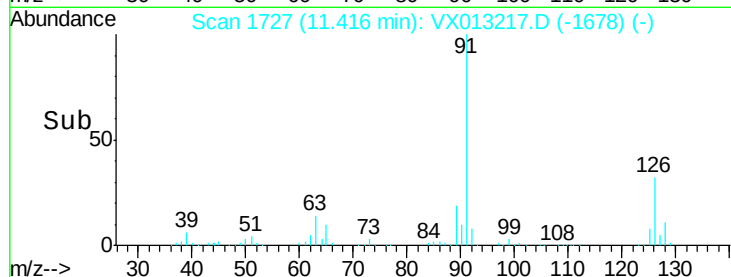
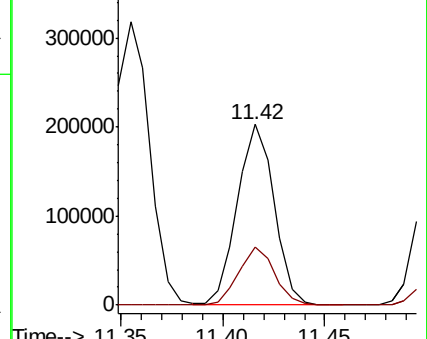
91 100

126 31.7 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 51.637 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013217.D

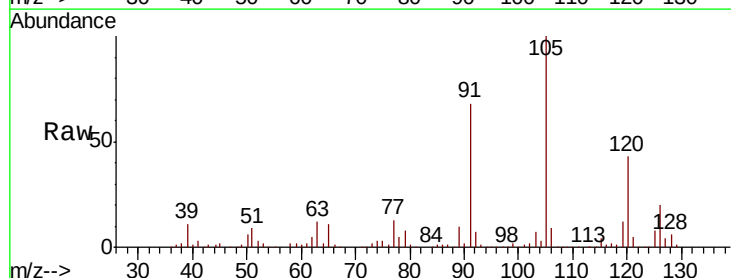
Acq: 24 Oct 2019 17:25

Tgt Ion: 105 Resp: 316034

Ion Ratio Lower Upper

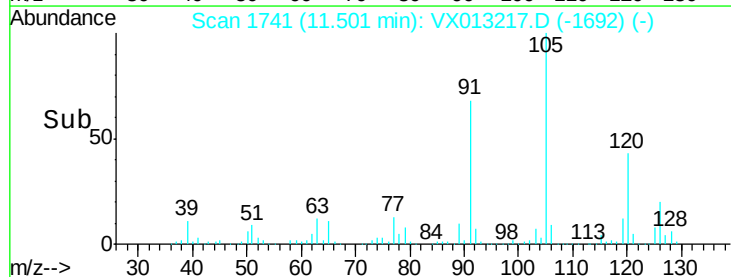
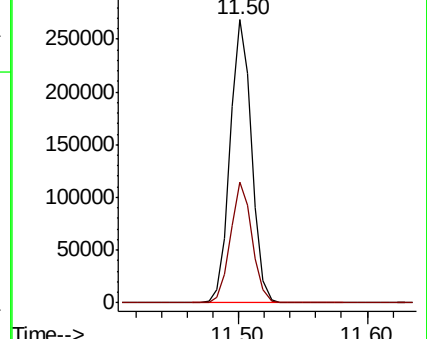
105 100

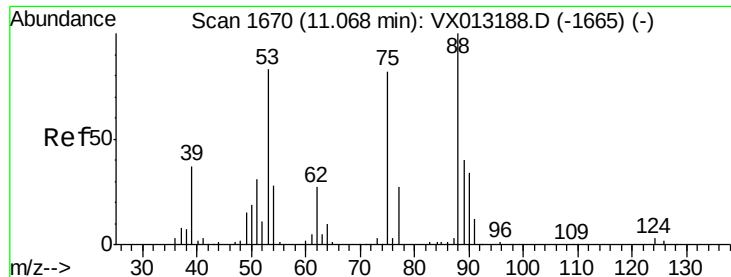
120 42.9 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 54.237 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX013217.D

Acq: 24 Oct 2019 17:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

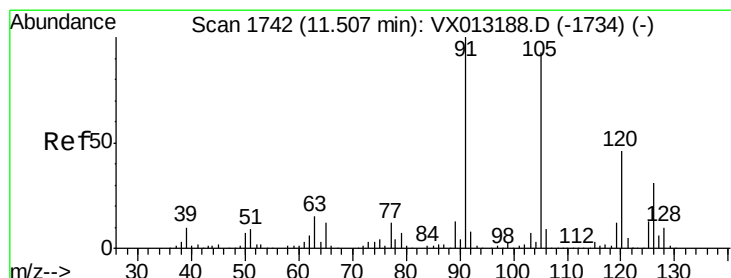
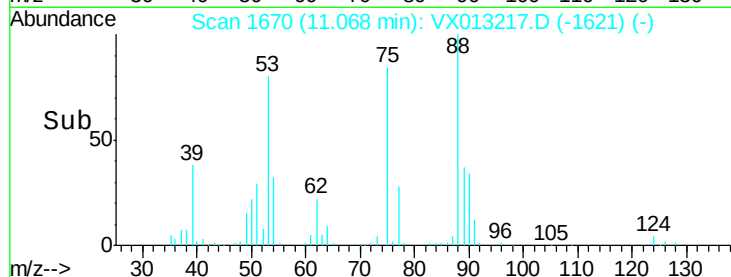
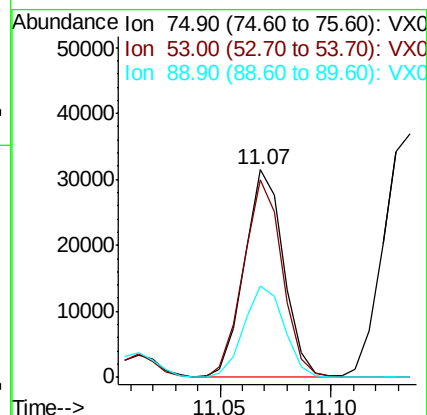
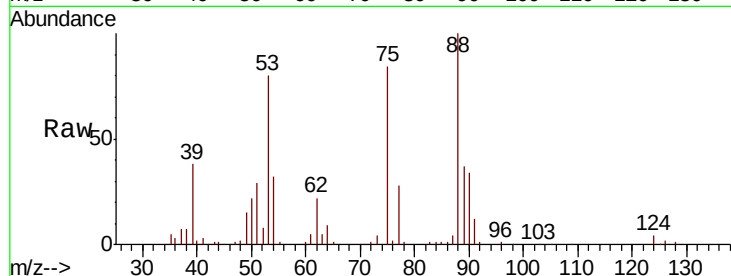
Tot Ion: 75 Resp: 38573

Ion Ratio Lower Upper

75 100

53 95.5 77.9 116.9

89 45.3 37.3 55.9



#82

4-Chlorotoluene

Concen: 48.765 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX013217.D

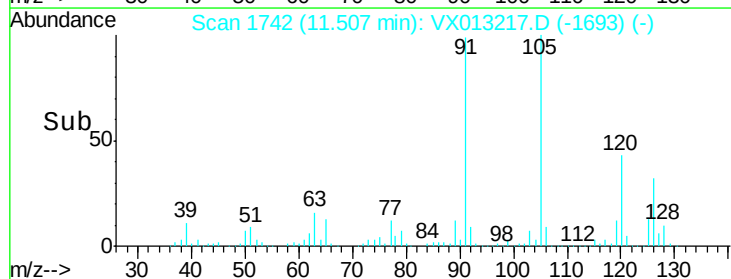
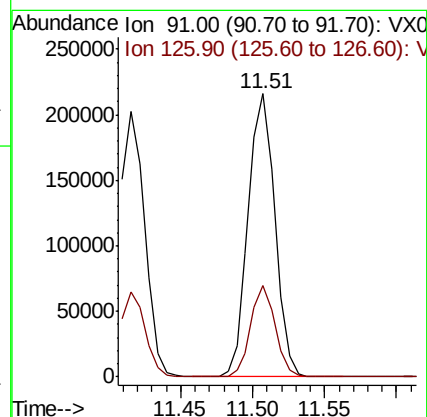
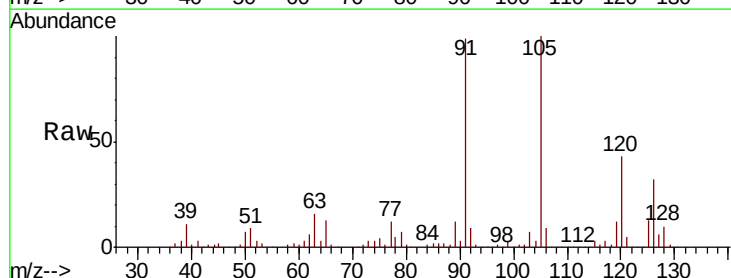
Acq: 24 Oct 2019 17:25

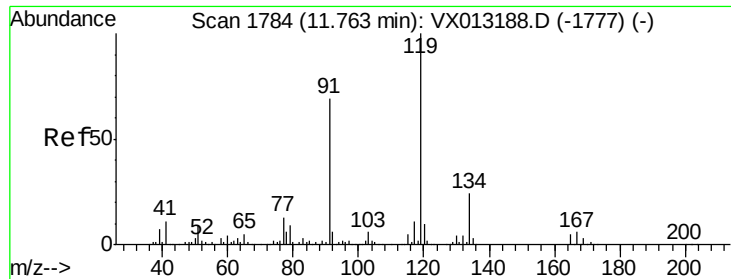
Tgt Ion: 91 Resp: 279232

Ion Ratio Lower Upper

91 100

126 29.5 14.6 44.0

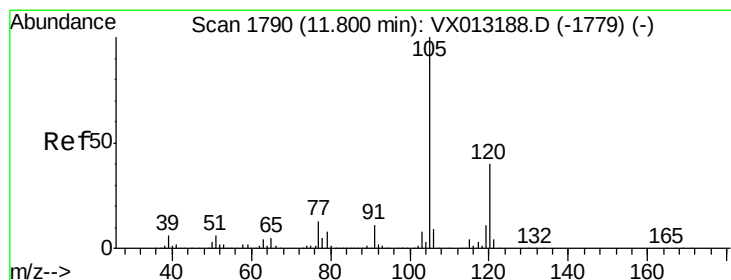
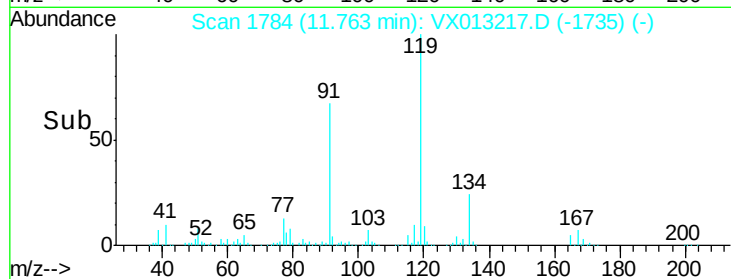
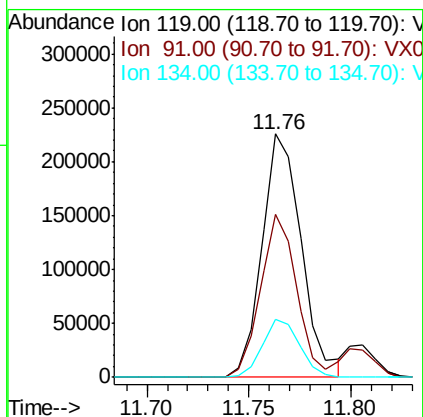
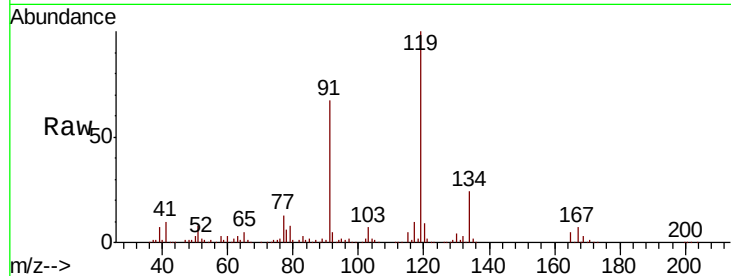




#83
 tert-Butylbenzene
 Concen: 50.099 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX013217.D
 Acq: 24 Oct 2019 17:25

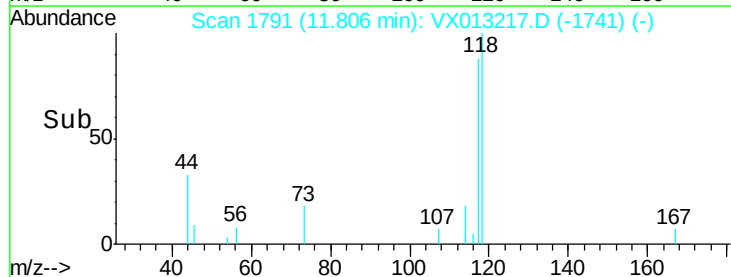
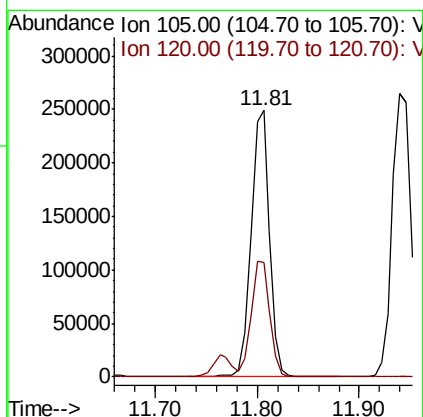
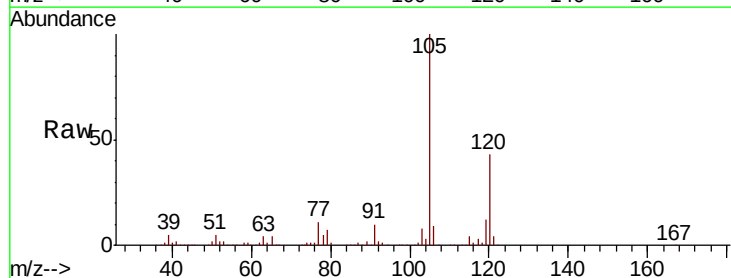
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

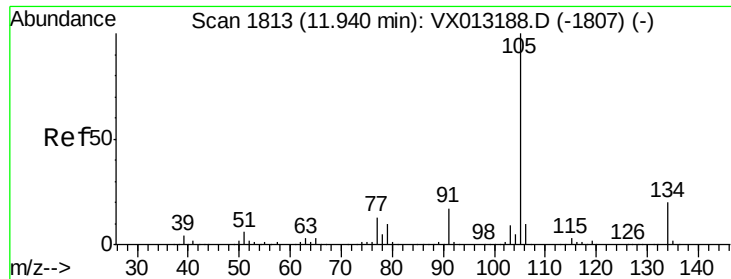
Tot Ion:119 Resp: 303364
 Ion Ratio Lower Upper
 119 100
 91 61.6 30.8 92.4
 134 22.7 11.5 34.5



#84
 1,2,4-Trimethylbenzene
 Concen: 50.924 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.01 min
 Lab File: VX013217.D
 Acq: 24 Oct 2019 17:25

Tgt Ion:105 Resp: 314373
 Ion Ratio Lower Upper
 105 100
 120 43.8 21.4 64.3





#85

sec-Butylbenzene

Concen: 49.679 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX013217.D

Acq: 24 Oct 2019 17:25

Instrument :

MSVOA_X

ClientSampleId :

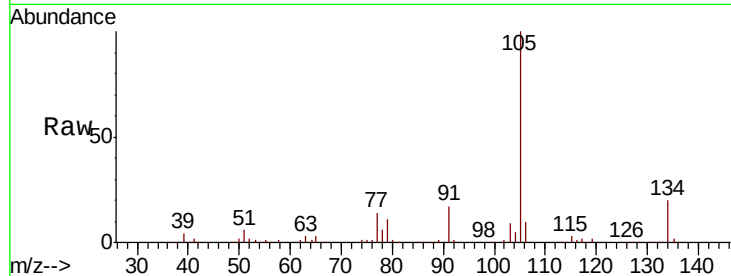
VSTDCCC050EC

Tot Ion:105 Resp: 342331

Ion Ratio Lower Upper

105 100

134 20.1 9.9 29.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

250000

200000

150000

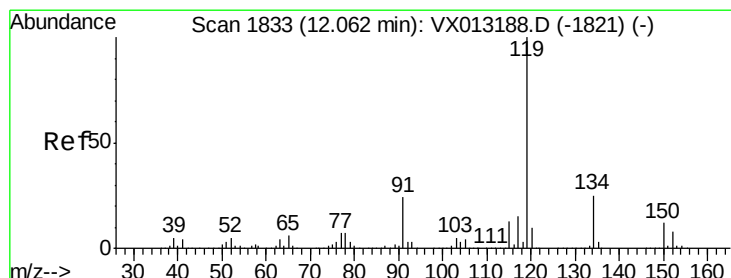
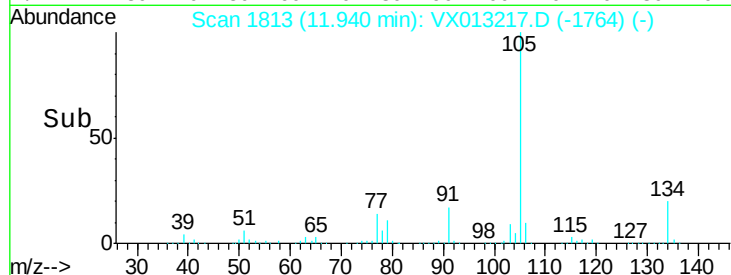
100000

50000

0

Time-->

11.90 12.00



#86

p-Isopropyltoluene

Concen: 50.180 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX013217.D

Acq: 24 Oct 2019 17:25

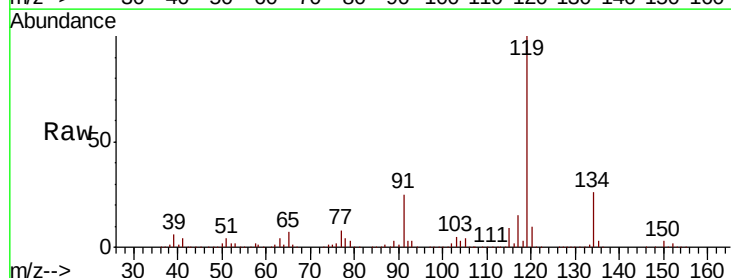
Tgt Ion:119 Resp: 324854

Ion Ratio Lower Upper

119 100

134 26.2 12.5 37.5

91 25.2 12.4 37.2



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

12.06

300000

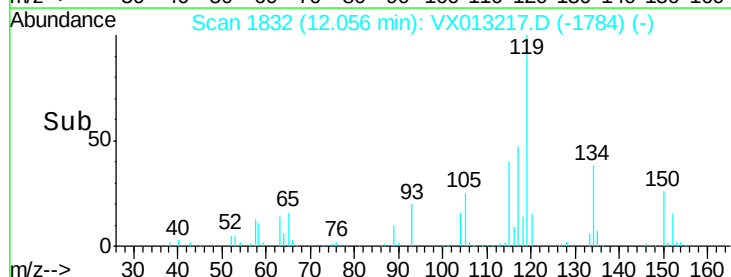
200000

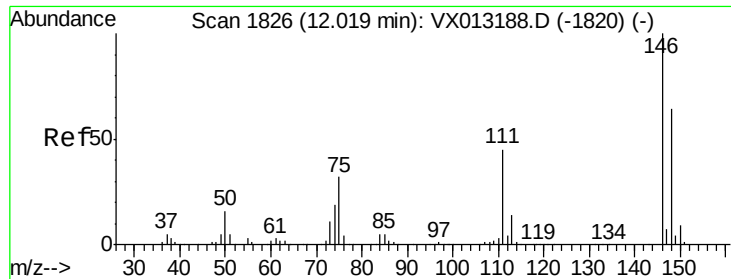
100000

0

Time-->

12.00 12.10





#87

1,3-Dichlorobenzene

Concen: 50.536 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX013217.D

Acq: 24 Oct 2019 17:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

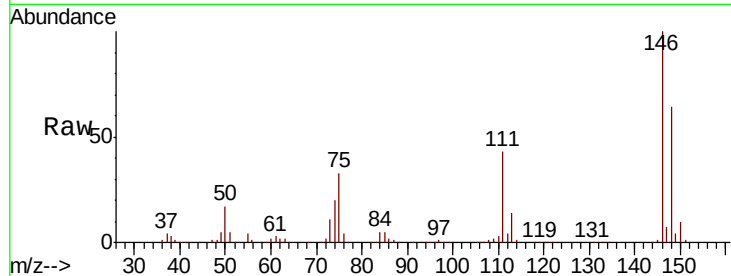
Tot Ion:146 Resp: 161121

Ion Ratio Lower Upper

146 100

111 43.1 21.3 63.9

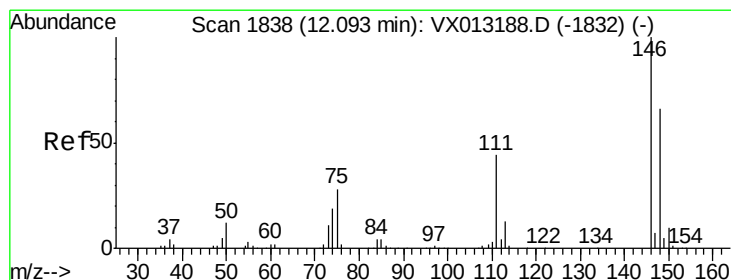
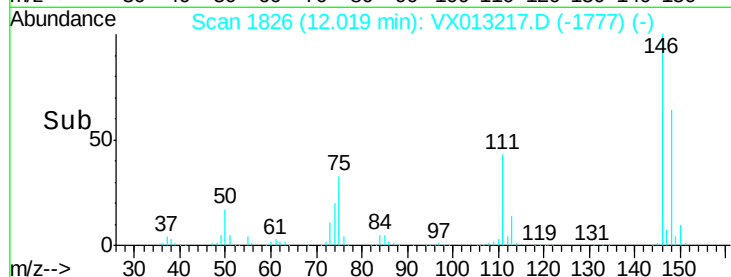
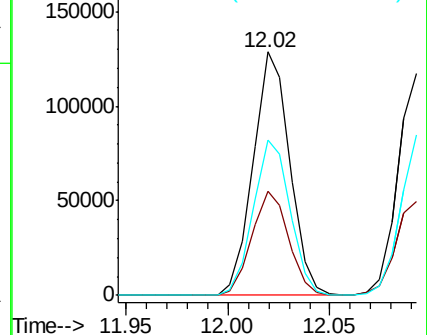
148 64.1 31.6 94.8



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



#88

1,4-Dichlorobenzene

Concen: 47.719 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VX013217.D

Acq: 24 Oct 2019 17:25

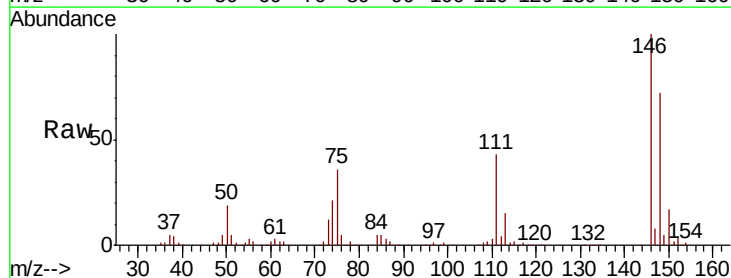
Tgt Ion:146 Resp: 154900

Ion Ratio Lower Upper

146 100

111 42.4 21.3 63.9

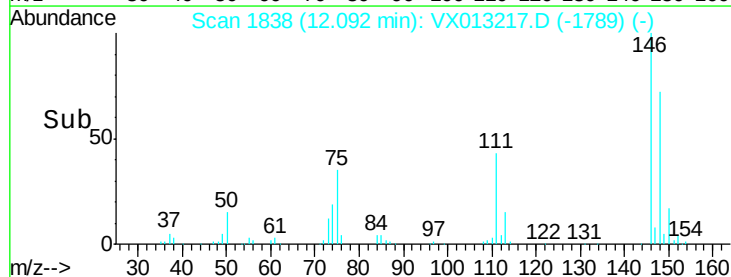
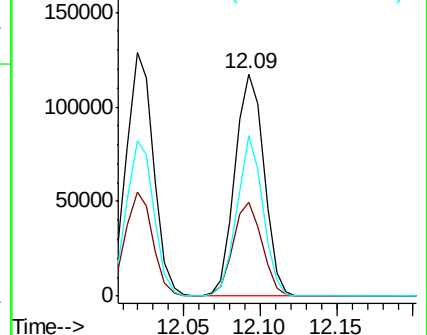
148 64.6 32.5 97.5

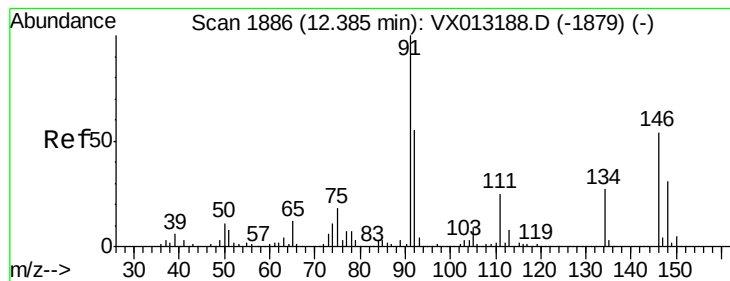


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 50.112 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013217.D

Acq: 24 Oct 2019 17:25

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

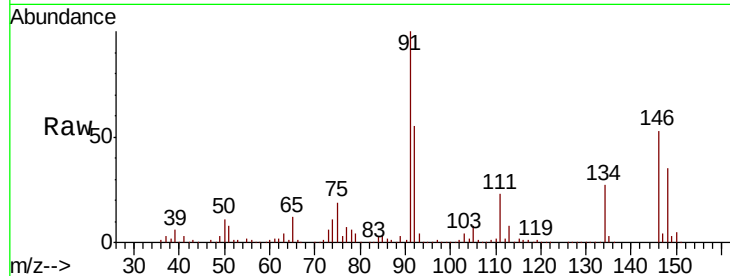
Tot Ion: 91 Resp: 265384

Ion Ratio Lower Upper

91 100

92 58.0 27.7 83.1

134 27.4 13.2 39.6



Abundance Ion 91.00 (90.70 to 91.70): VX013188.D (-1879) (-)

Ion 92.00 (91.70 to 92.70): VX013188.D (-1879) (-)

Ion 134.00 (133.70 to 134.70): VX013188.D (-1879) (-)

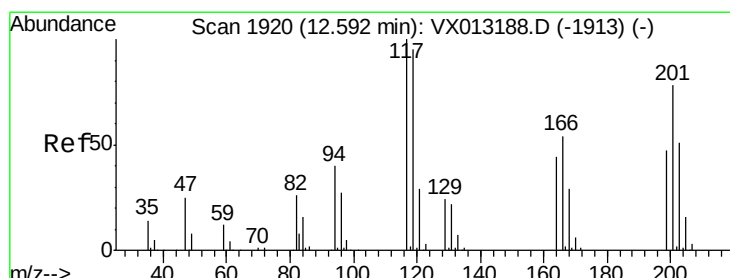
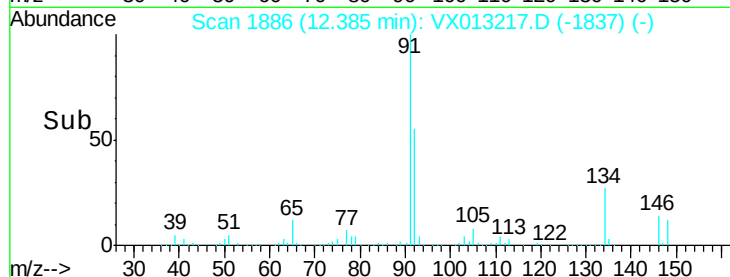
Time-->

12.39

12.35

12.40

12.45



#90

Hexachloroethane

Concen: 52.906 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX013217.D

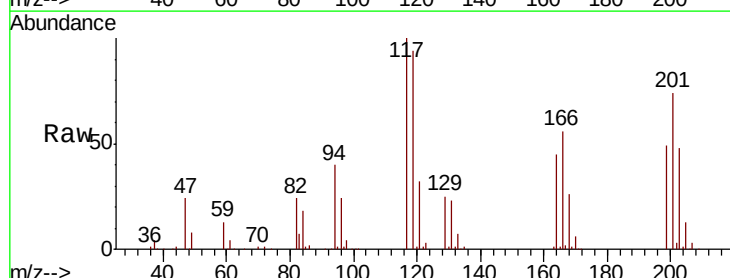
Acq: 24 Oct 2019 17:25

Tgt Ion: 117 Resp: 57357

Ion Ratio Lower Upper

117 100

201 77.1 39.0 116.9



Abundance Ion 116.80 (116.50 to 117.50): VX013188.D (-1913) (-)

Ion 200.70 (200.40 to 201.40): VX013188.D (-1913) (-)

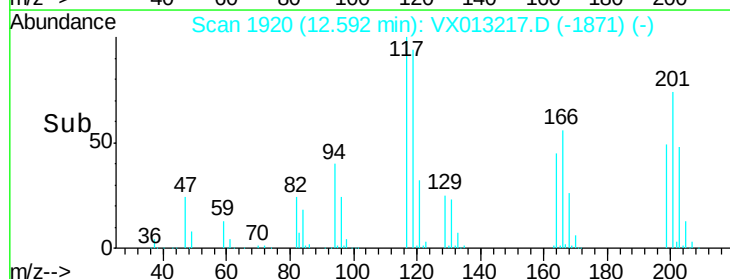
Time-->

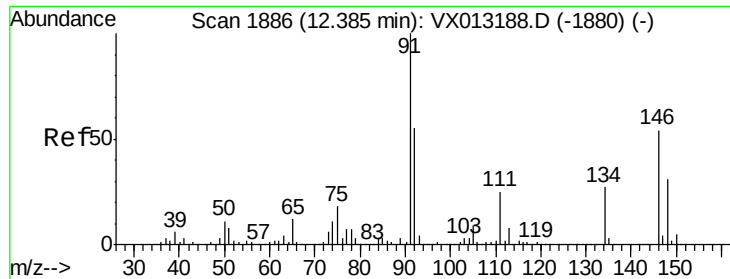
12.59

12.55

12.60

12.65

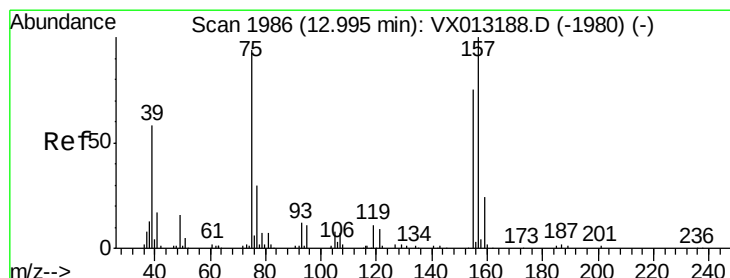
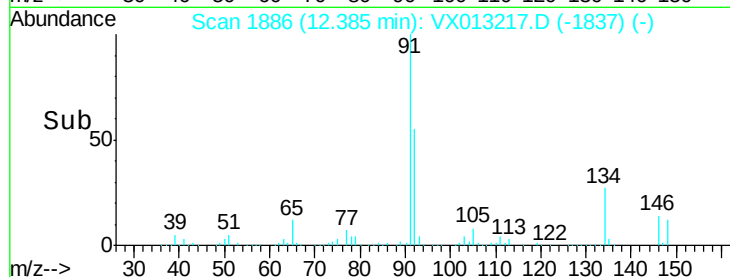
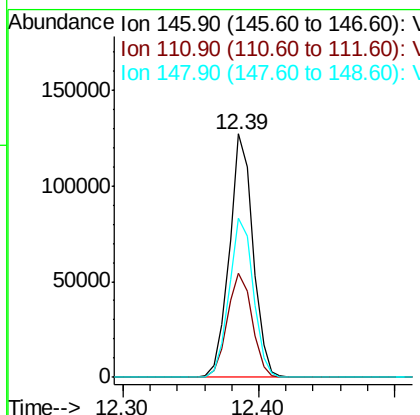
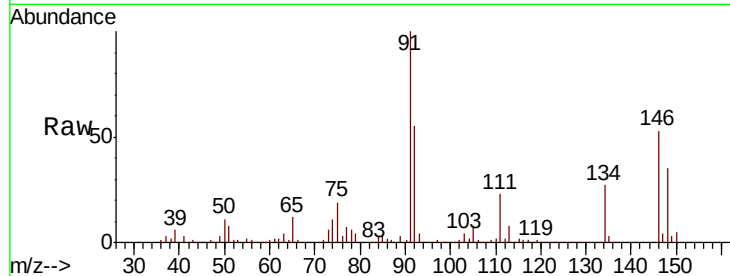




#91
 1,2-Dichlorobenzene
 Concen: 48.797 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013217.D
 Acq: 24 Oct 2019 17:25

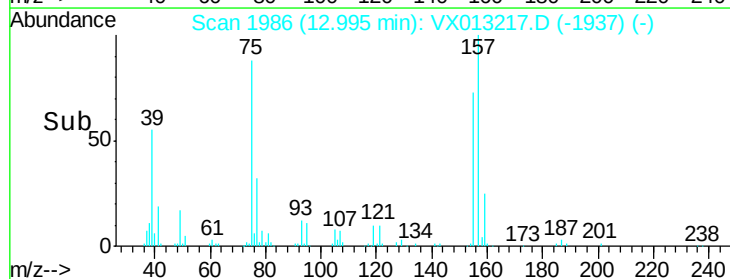
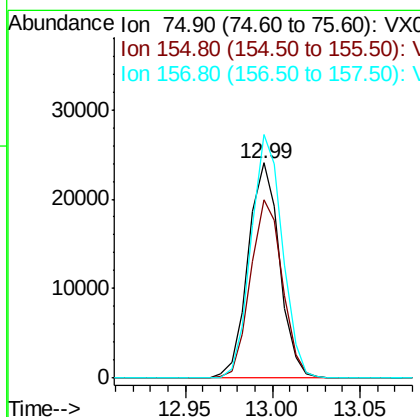
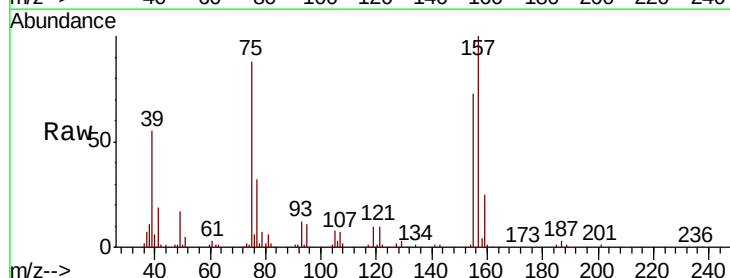
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

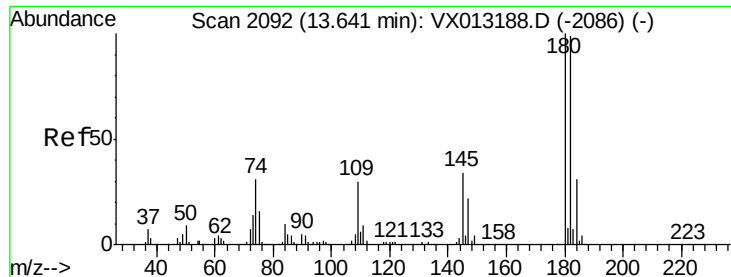
Tot Ion:146 Resp: 152983
 Ion Ratio Lower Upper
 146 100
 111 44.9 22.9 68.8
 148 67.3 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.012 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX013217.D
 Acq: 24 Oct 2019 17:25

Tgt Ion: 75 Resp: 30030
 Ion Ratio Lower Upper
 75 100
 155 84.1 42.8 128.4
 157 112.9 54.3 162.8

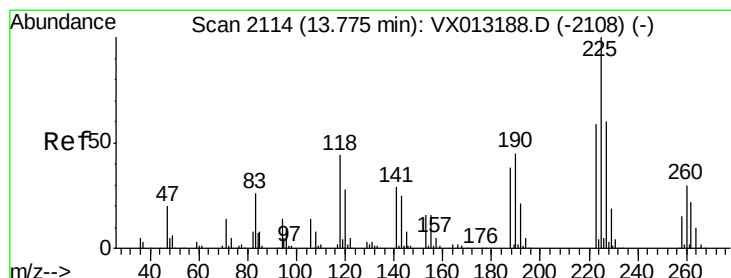
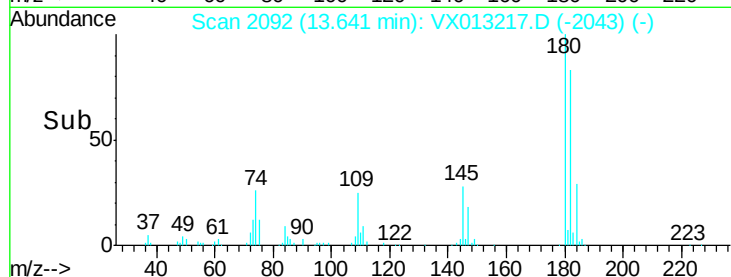
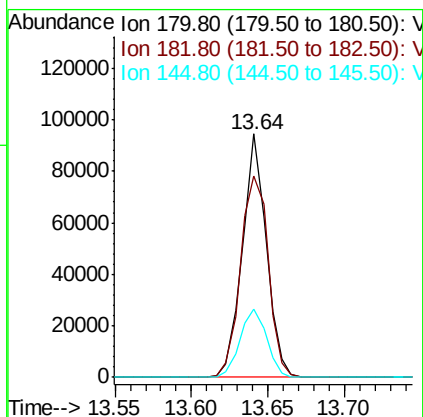
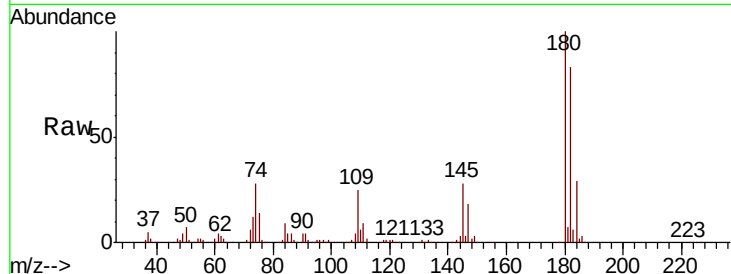




#93
1,2,4-Trichlorobenzene
Concen: 52.129 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. -0.00 min
Lab File: VX013217.D
Acq: 24 Oct 2019 17:25

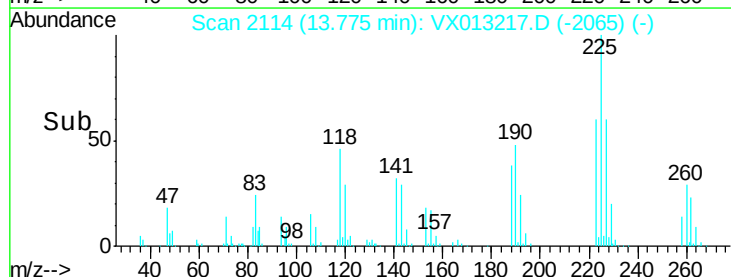
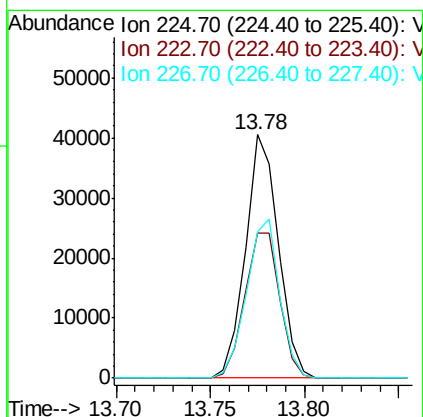
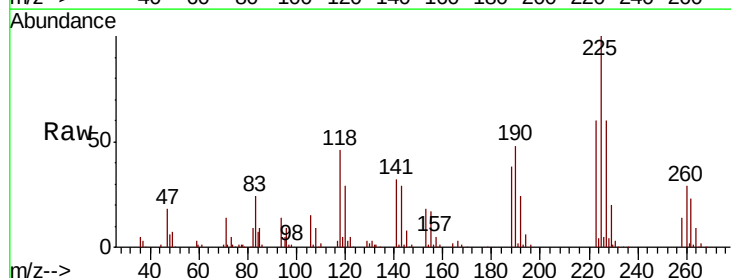
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

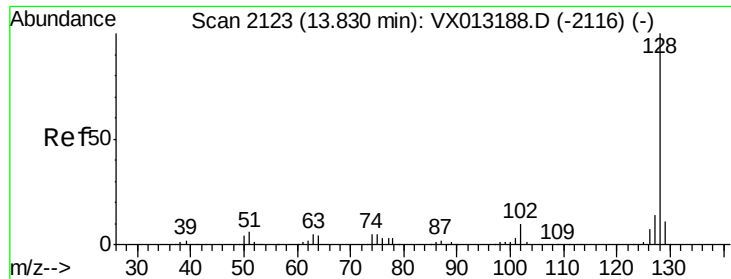
Tot Ion:180 Resp: 102911
Ion Ratio Lower Upper
180 100
182 95.6 45.9 137.6
145 31.5 15.9 47.6



#94
Hexachlorobutadiene
Concen: 48.047 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. -0.00 min
Lab File: VX013217.D
Acq: 24 Oct 2019 17:25

Tgt Ion:225 Resp: 49066
Ion Ratio Lower Upper
225 100
223 63.4 30.9 92.5
227 65.7 30.3 90.9

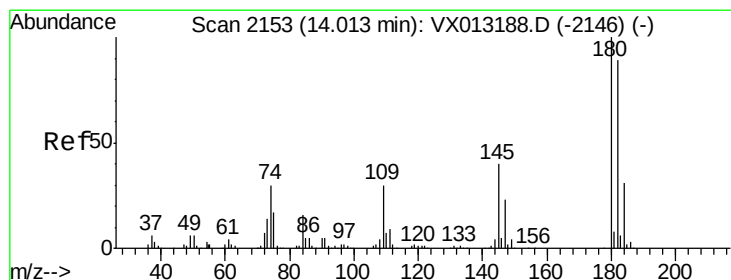
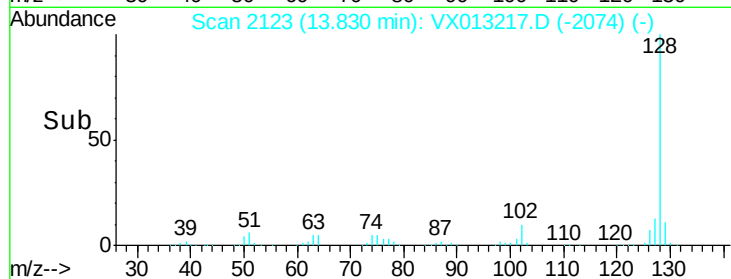
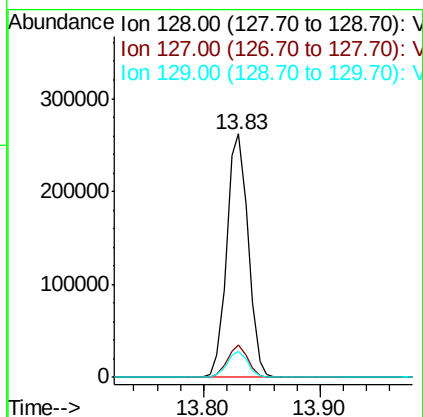
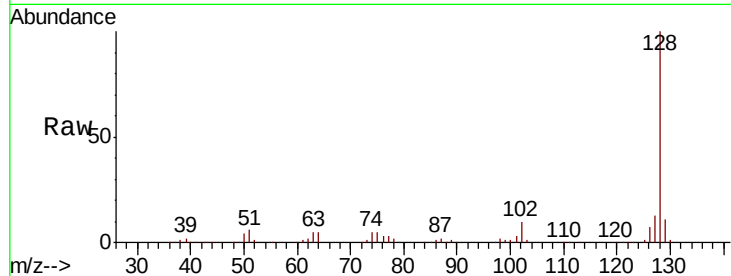




#95
Naphthalene
Concen: 55.056 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013217.D
Acq: 24 Oct 2019 17:25

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 333584
Ion Ratio Lower Upper
128 100
127 12.6 10.7 16.1
129 10.6 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 51.717 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX013217.D
Acq: 24 Oct 2019 17:25

Tgt Ion:180 Resp: 100888
Ion Ratio Lower Upper
180 100
182 97.1 48.3 144.9
145 34.8 18.6 55.6

