

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101119\
 Data File : VX013035.D
 Acq On : 11 Oct 2019 22:33
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 11 23:32:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 11 09:48:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	157119	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	265692	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	244226	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	115835	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	108015	55.00	ug/l	0.00
Spiked Amount			Recovery	=	110.00%	
35) Dibromofluoromethane	5.49	113	85009	55.75	ug/l	0.00
Spiked Amount			Recovery	=	111.50%	
50) Toluene-d8	8.71	98	326026	54.82	ug/l	0.00
Spiked Amount			Recovery	=	109.64%	
62) 4-Bromofluorobenzene	11.14	95	128525	55.61	ug/l	0.00
Spiked Amount			Recovery	=	111.22%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	85604	53.451	ug/l	100
3) Chloromethane	1.32	50	92496	53.068	ug/l	98
4) Vinyl Chloride	1.40	62	95344	52.998	ug/l	99
5) Bromomethane	1.63	94	37812	50.562	ug/l	99
6) Chloroethane	1.71	64	58728	53.417	ug/l	100
7) Trichlorofluoromethane	1.92	101	136393	56.171	ug/l	98
8) Diethyl Ether	2.18	74	53706	54.796	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	86267	54.895	ug/l	99
10) Methyl Iodide	2.50	142	97264	54.162	ug/l	100
11) Tert butyl alcohol	3.04	59	121347	233.099	ug/l	100
12) 1,1-Dichloroethene	2.36	96	87584	55.162	ug/l	95
13) Acrolein	2.28	56	87863	237.496	ug/l	98
14) Allyl chloride	2.72	41	152990	54.106	ug/l	98
15) Acrylonitrile	3.13	53	276561	280.334	ug/l	100
16) Acetone	2.44	43	228686	220.929	ug/l	98
17) Carbon Disulfide	2.56	76	221425	48.908	ug/l	99
18) Methyl Acetate	2.76	43	158454	64.583	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	320630	58.476	ug/l	98
20) Methylene Chloride	2.84	84	102757	54.016	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	93470	54.924	ug/l	94
22) Diisopropyl ether	3.84	45	308962	57.023	ug/l	92
23) Vinyl Acetate	3.80	43	1265491	270.556	ug/l	99
24) 1,1-Dichloroethane	3.69	63	173735	56.997	ug/l	98
25) 2-Butanone	4.66	43	374177	260.555	ug/l	99
26) 2,2-Dichloropropane	4.58	77	124377	48.524	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	108421	55.271	ug/l	98
28) Bromochloromethane	5.00	49	52767	57.997	ug/l	100
29) Tetrahydrofuran	5.12	42	242320	274.207	ug/l	99
30) Chloroform	5.20	83	175304	56.050	ug/l	97
31) Cyclohexane	5.57	56	154846	54.327	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	152703	57.622	ug/l	99
36) 1,1-Dichloropropene	5.79	75	130983	56.072	ug/l	99
37) Ethyl Acetate	4.82	43	143632	54.988	ug/l	99
38) Carbon Tetrachloride	5.78	117	128183	56.376	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	157895	55.736	ug/l	100
40) Benzene	6.14	78	394734	57.213	ug/l	99
41) Methacrylonitrile	5.03	41	78926	54.989	ug/l	99
42) 1,2-Dichloroethane	6.19	62	141982	57.351	ug/l	100
43) Isopropyl Acetate	6.43	43	234608	55.960	ug/l	99
44) Trichloroethene	7.21	130	105692	55.244	ug/l	97
45) 1,2-Dichloropropane	7.51	63	101775	57.879	ug/l	98
46) Dibromomethane	7.65	93	68042	58.078	ug/l	98
47) Bromodichloromethane	7.89	83	132778	58.075	ug/l	97
48) Methyl methacrylate	7.76	41	113677	55.641	ug/l	99
49) 1,4-Dioxane	7.73	88	50423	922.510	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	743661	284.502	ug/l	99
52) Toluene	8.78	92	249386	56.500	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	145343	50.899	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	161106	57.293	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	100813	57.714	ug/l	95
56) Ethyl methacrylate	9.17	69	166618	53.148	ug/l	99
57) 1,3-Dichloropropane	9.37	76	171215	56.664	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	376785	293.625	ug/l	98
59) 2-Hexanone	9.49	43	566072	278.201	ug/l	99
60) Dibromochloromethane	9.58	129	103789	53.267	ug/l	98
61) 1,2-Dibromoethane	9.67	107	105812	57.584	ug/l	100
64) Tetrachloroethene	9.33	164	103666	61.198	ug/l	97
65) Chlorobenzene	10.14	112	264093	54.453	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	96239	57.231	ug/l	99
67) Ethyl Benzene	10.25	91	483406	56.113	ug/l	99
68) m/p-Xylenes	10.36	106	362272	112.564	ug/l	100
69) o-Xylene	10.70	106	177373	56.516	ug/l	99
70) Styrene	10.71	104	308316	57.786	ug/l	99
71) Bromoform	10.85	173	70349	49.164	ug/l #	100
73) Isopropylbenzene	11.01	105	474197	55.680	ug/l	98
74) N-amyl acetate	10.89	43	201637	54.975	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	145757	51.458	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	174338	67.857	ug/l	79
77) Bromobenzene	11.25	156	111410	55.514	ug/l	98
78) n-propylbenzene	11.35	91	523961	55.912	ug/l	97
79) 2-Chlorotoluene	11.42	91	322201	54.708	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	404897	56.938	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	46283	46.624	ug/l	100
82) 4-Chlorotoluene	11.51	91	377392	55.906	ug/l	100
83) tert-Butylbenzene	11.76	119	372894	53.755	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	405711	56.333	ug/l	100
85) sec-Butylbenzene	11.94	105	441792	54.972	ug/l	100
86) p-Isopropyltoluene	12.06	119	412306	55.316	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	202491	54.334	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	200013	52.993	ug/l	99
89) n-Butylbenzene	12.39	91	355670	56.776	ug/l	100
90) Hexachloroethane	12.59	117	70571	51.072	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	204195	55.889	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	38475	57.952	ug/l	94

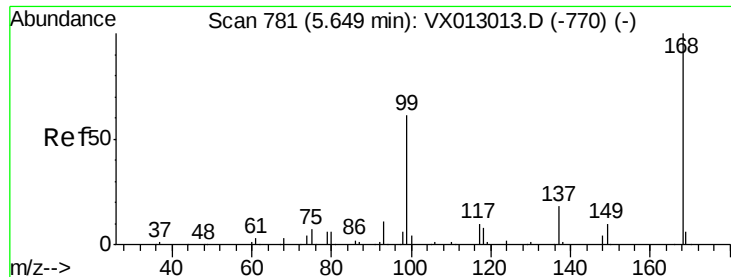
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	124821	54.538	ug/l	97
94) Hexachlorobutadiene	13.78	225	55811	52.840	ug/l	99
95) Naphthalene	13.83	128	471542	59.435	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	129432	54.726	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX013035.D

Acq: 11 Oct 2019 22:33

Instrument :

MSVOA_X

ClientSampleId :

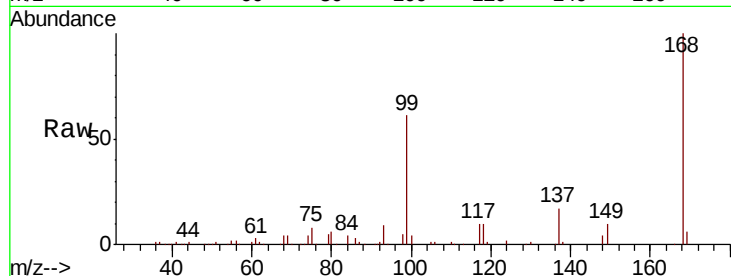
VSTDCCC050EC

Tot Ion:168 Resp: 157119

Ion Ratio Lower Upper

168 100

99 61.2 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

50000

40000

30000

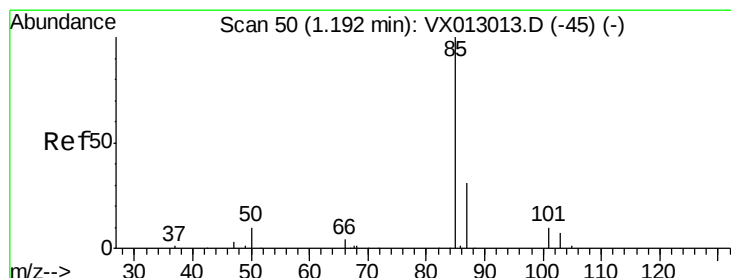
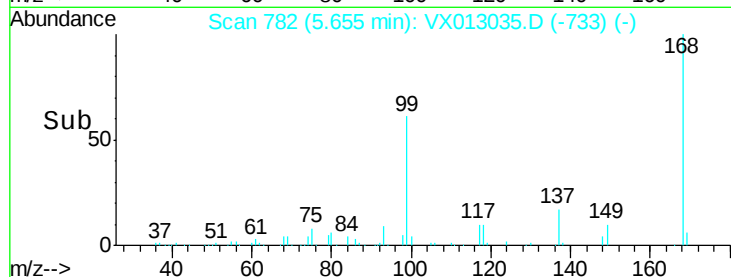
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 53.451 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.01 min

Lab File: VX013035.D

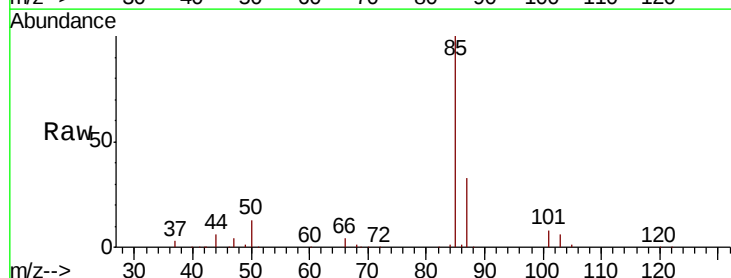
Acq: 11 Oct 2019 22:33

Tgt Ion: 85 Resp: 85604

Ion Ratio Lower Upper

85 100

87 32.8 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

80000

60000

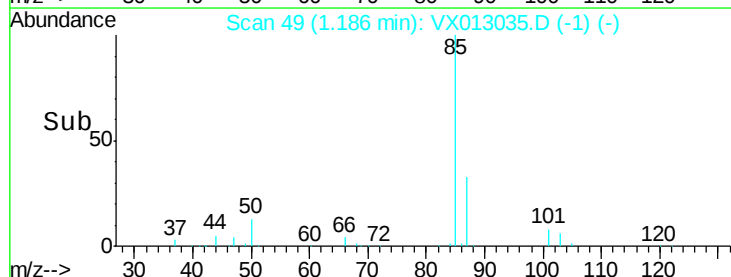
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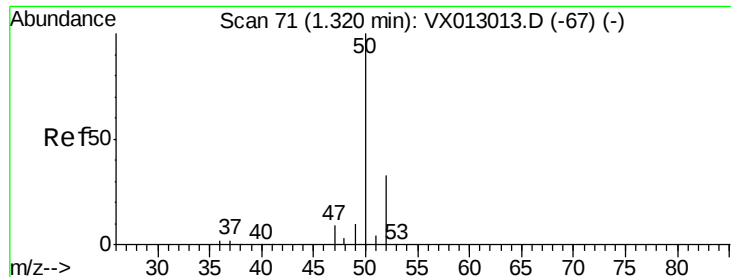
20000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 53.068 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX013035.D

Acq: 11 Oct 2019 22:33

Instrument :

MSVOA_X

ClientSampleId :

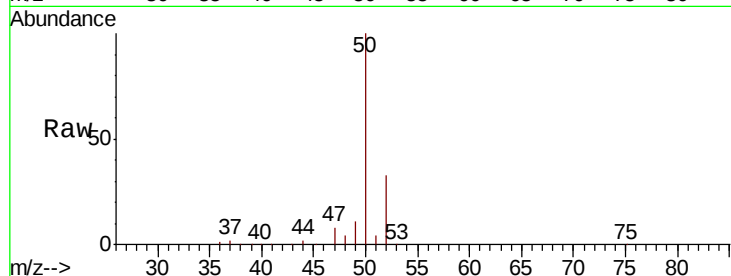
VSTDCCC050EC

Tot Ion: 50 Resp: 92496

Ion Ratio Lower Upper

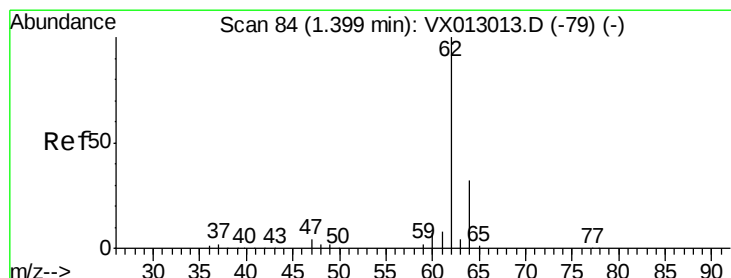
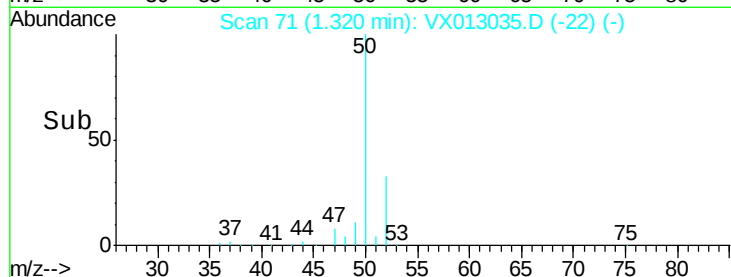
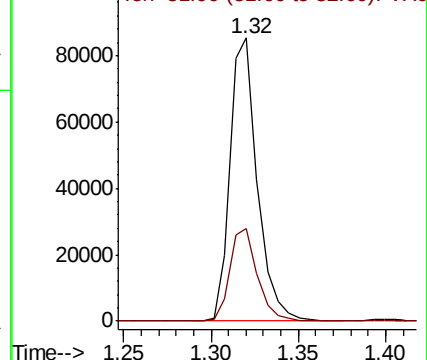
50 100

52 32.8 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 52.998 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013035.D

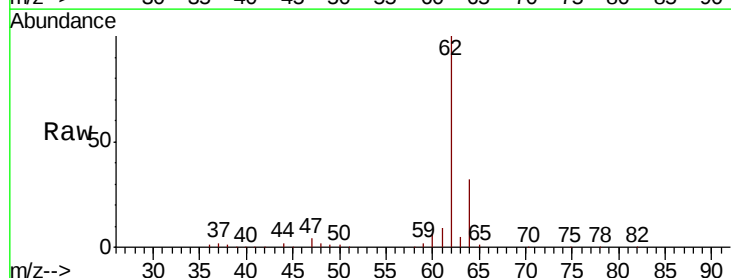
Acq: 11 Oct 2019 22:33

Tgt Ion: 62 Resp: 95344

Ion Ratio Lower Upper

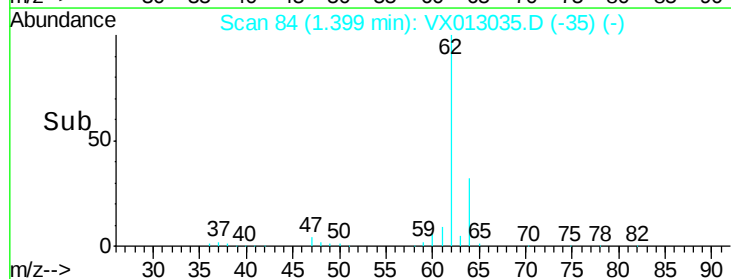
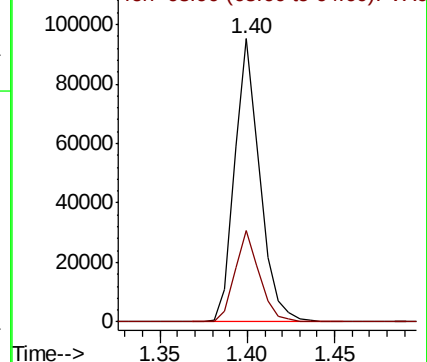
62 100

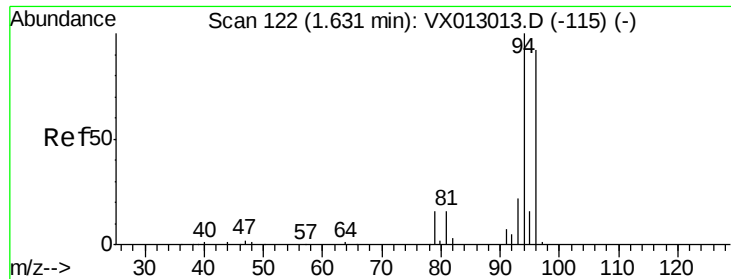
64 32.2 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 50.562 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013035.D

Acq: 11 Oct 2019 22:33

Instrument :

MSVOA_X

ClientSampleId :

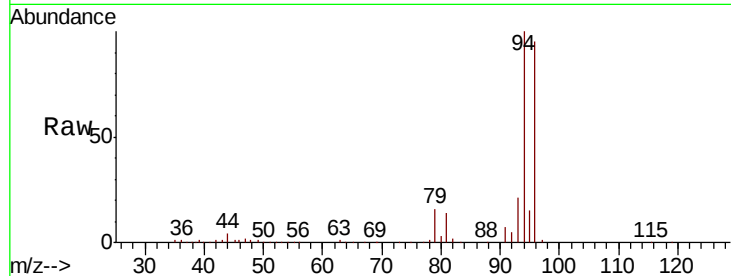
VSTDCCC050EC

Tot Ion: 94 Resp: 37812

Ion Ratio Lower Upper

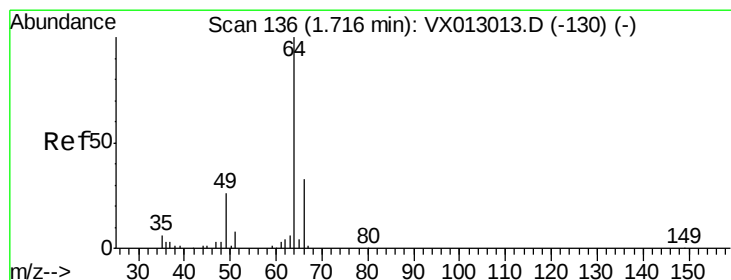
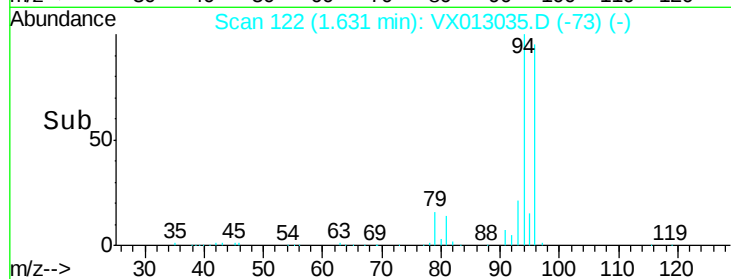
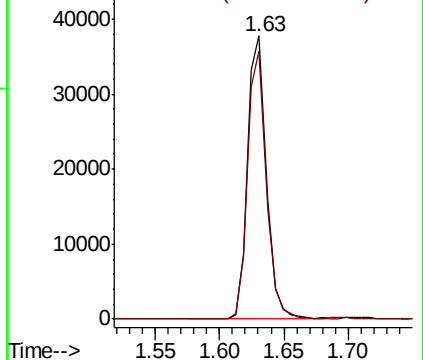
94 100

96 94.8 74.7 112.1



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 53.417 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX013035.D

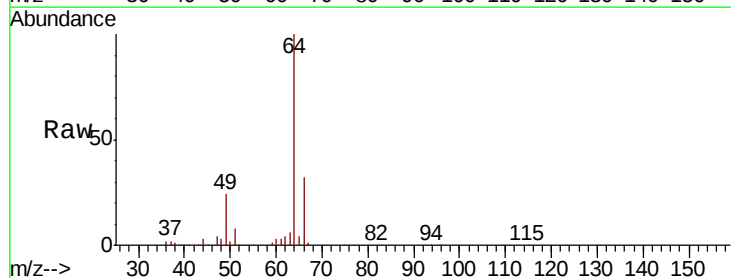
Acq: 11 Oct 2019 22:33

Tgt Ion: 64 Resp: 58728

Ion Ratio Lower Upper

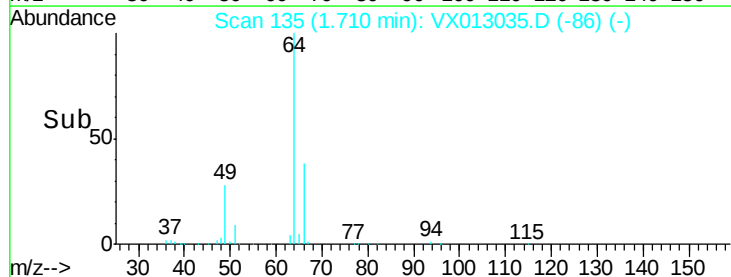
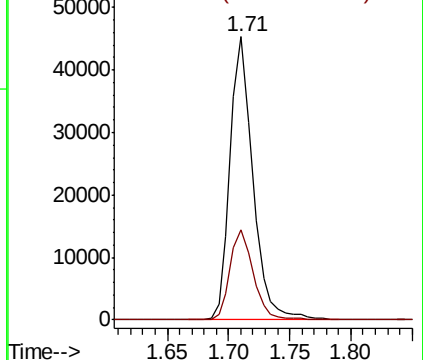
64 100

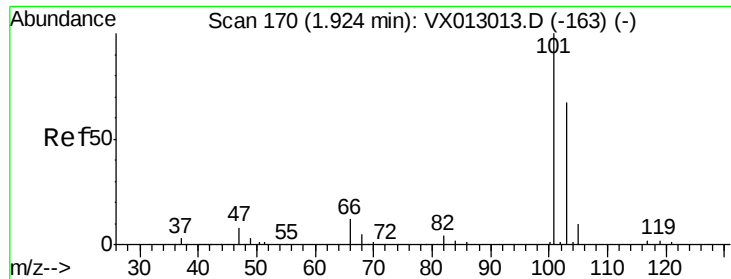
66 32.0 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



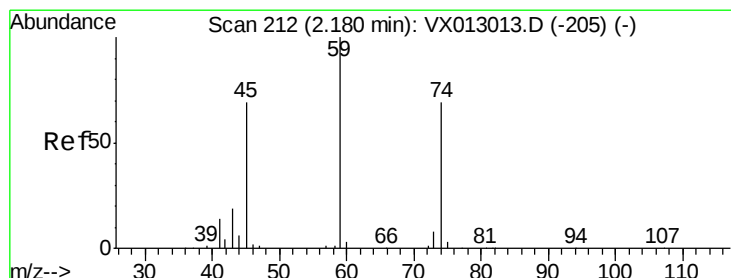
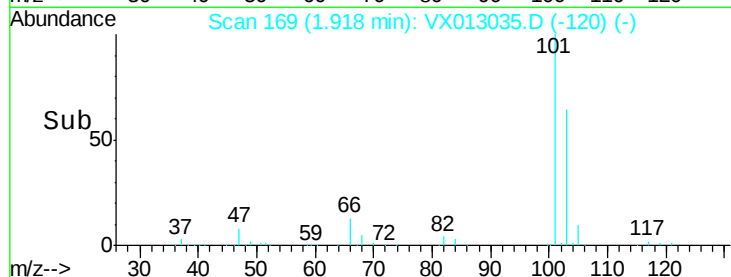
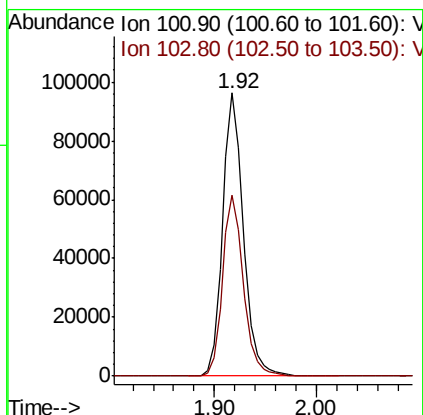
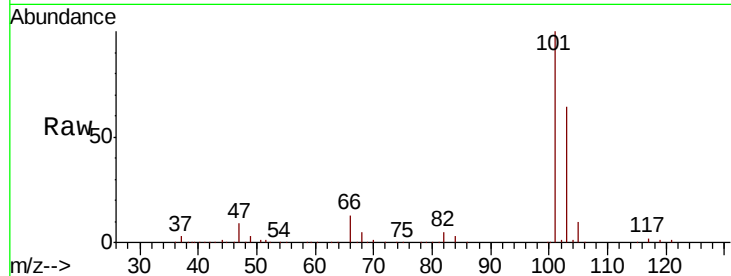


#7

Trichlorofluoromethane
 Concen: 56.171 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX013035.D
 Acq: 11 Oct 2019 22:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

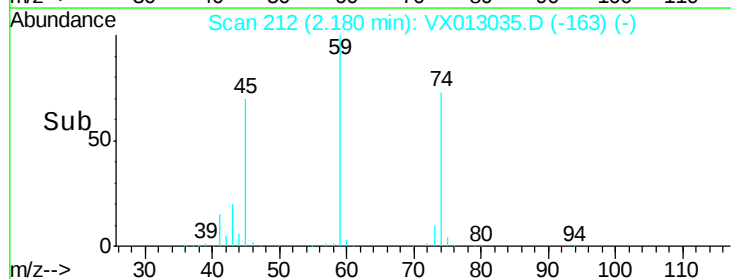
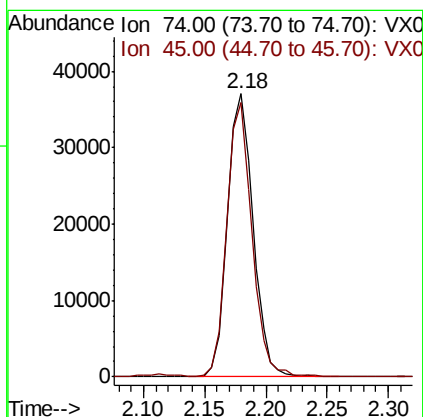
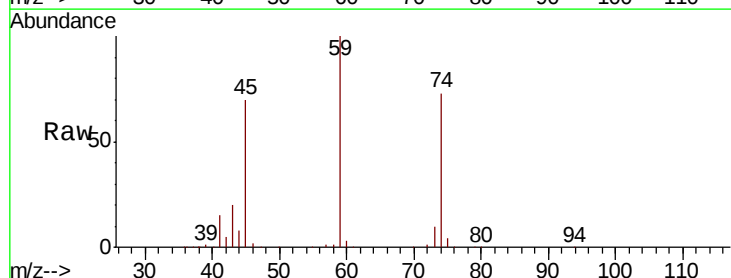
Tot Ion:101 Resp: 136393
 Ion Ratio Lower Upper
 101 100
 103 64.1 52.5 78.7

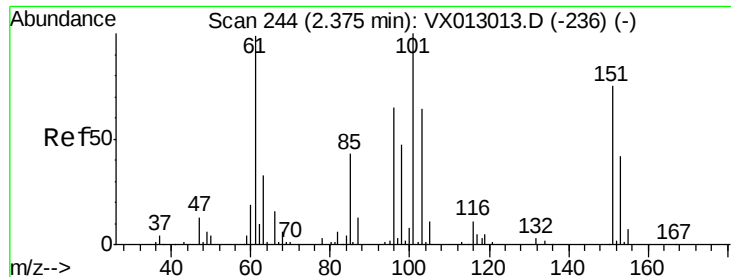


#8

Diethyl Ether
 Concen: 54.796 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX013035.D
 Acq: 11 Oct 2019 22:33

Tgt Ion: 74 Resp: 53706
 Ion Ratio Lower Upper
 74 100
 45 95.2 47.8 143.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.895 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013035.D

Acq: 11 Oct 2019 22:33

Instrument :

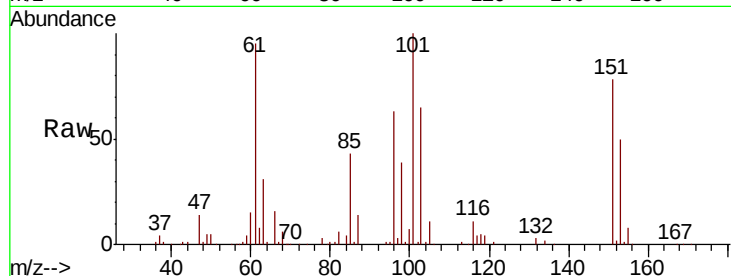
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:101 Resp: 86267

Ion	Ratio	Lower	Upper
101	100		
85	43.5	35.2	52.8
151	76.9	60.3	90.5

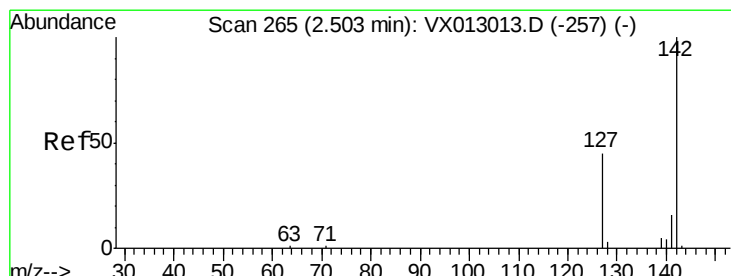
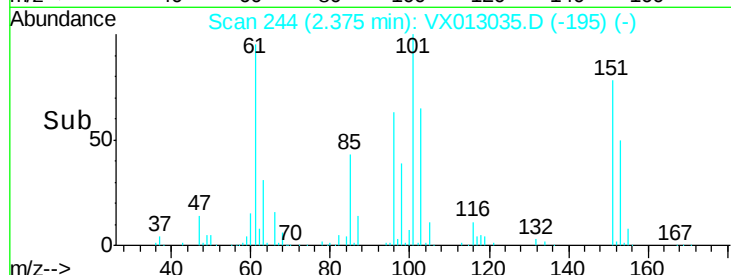
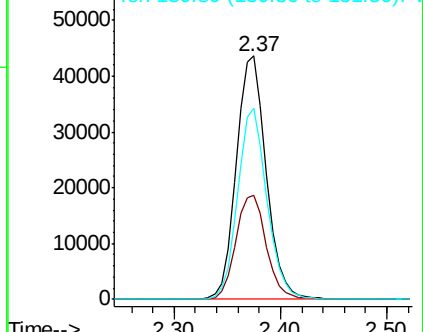


Abundance

Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 54.162 ug/l

RT: 2.50 min Scan# 265

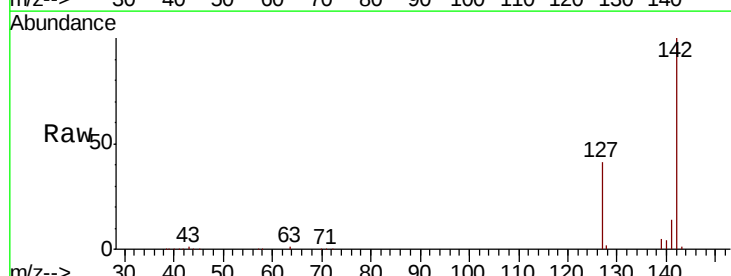
Delta R.T. 0.00 min

Lab File: VX013035.D

Acq: 11 Oct 2019 22:33

Tgt Ion:142 Resp: 97264

Ion	Ratio	Lower	Upper
142	100		
127	43.9	34.9	52.3
141	14.7	11.6	17.4

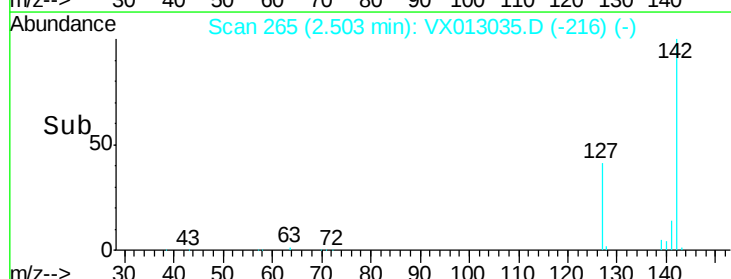
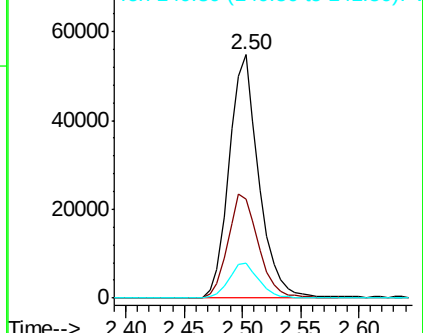


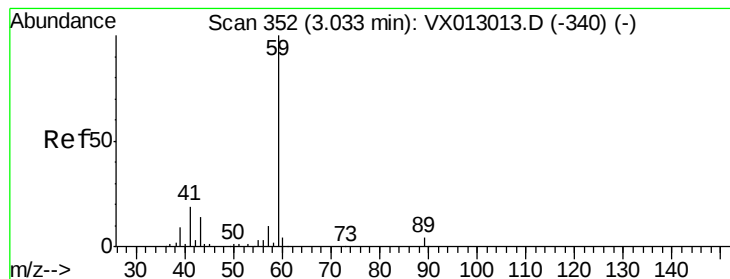
Abundance

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



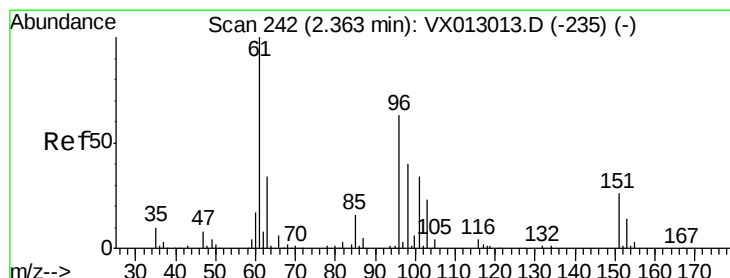
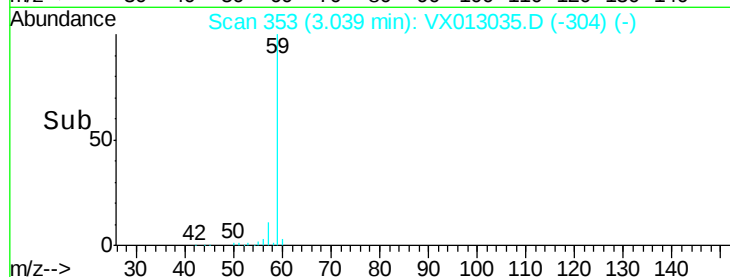
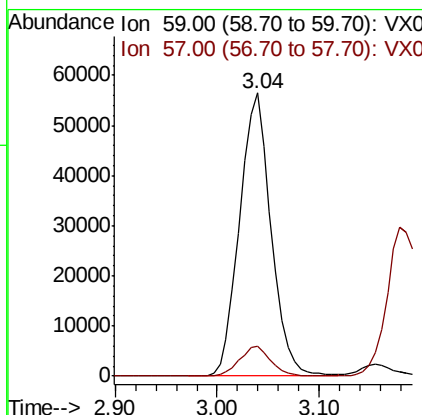
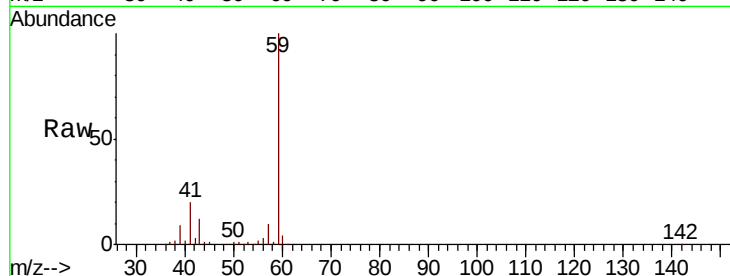


#11

Tert butyl alcohol
 Concen: 233.099 ug/l
 RT: 3.04 min Scan# 353
 Delta R.T. 0.00 min
 Lab File: VX013035.D
 Acq: 11 Oct 2019 22:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

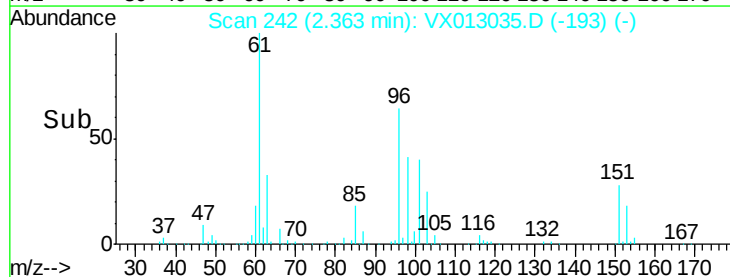
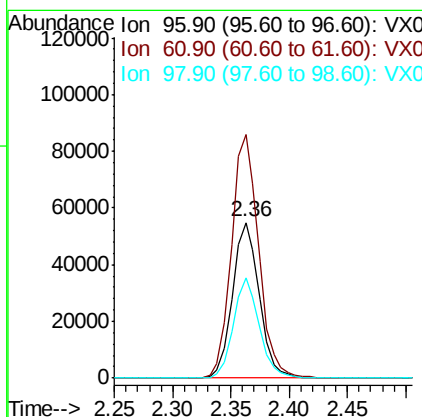
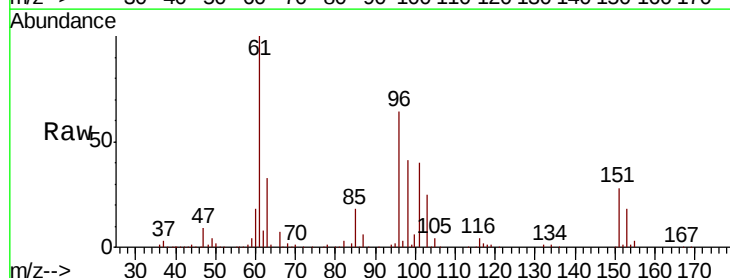
Tot Ion: 59 Resp: 121347
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.3 12.5

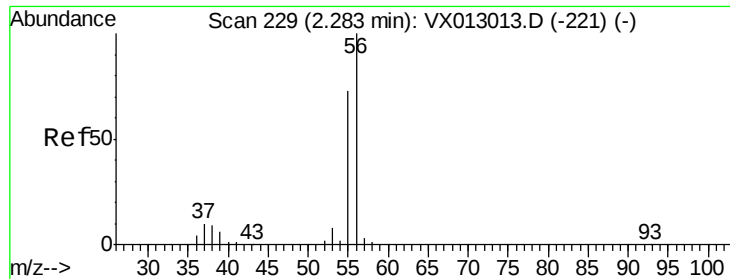


#12

1,1-Dichloroethene
 Concen: 55.162 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. 0.00 min
 Lab File: VX013035.D
 Acq: 11 Oct 2019 22:33

Tgt Ion: 96 Resp: 87584
 Ion Ratio Lower Upper
 96 100
 61 156.6 132.2 198.4
 98 64.3 50.5 75.7

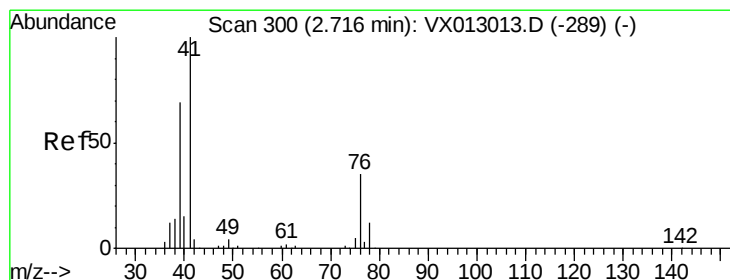
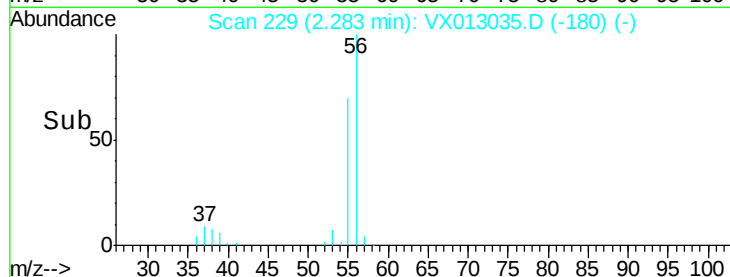
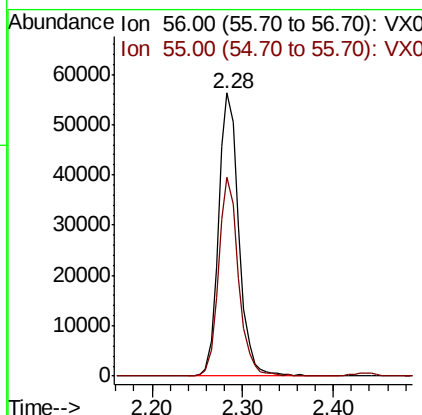
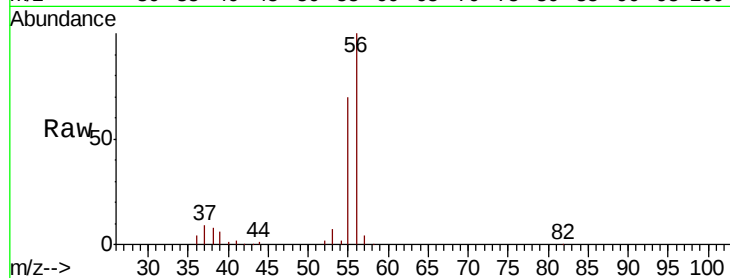




#13
 Acrolein
 Concen: 237.496 ug/l
 RT: 2.28 min Scan# 229
 Delta R.T. 0.00 min
 Lab File: VX013035.D
 Acq: 11 Oct 2019 22:33

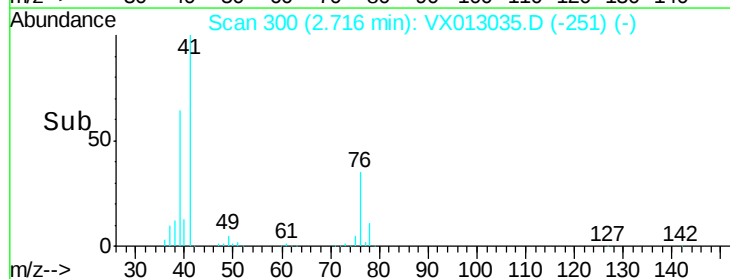
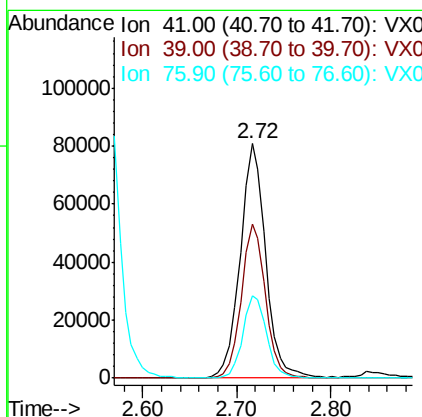
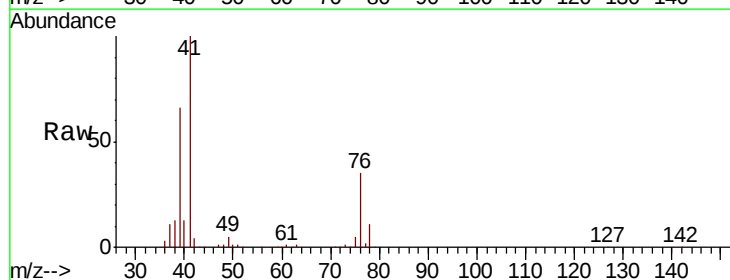
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

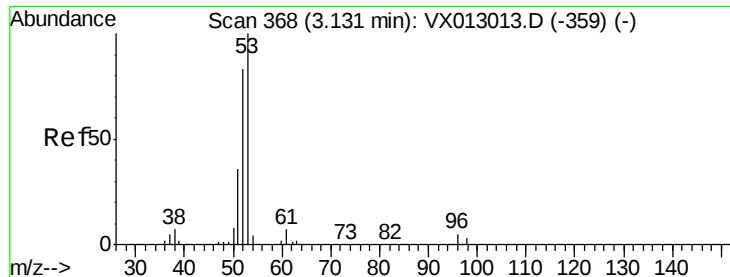
Tot Ion: 56 Resp: 87863
 Ion Ratio Lower Upper
 56 100
 55 68.8 56.6 85.0



#14
 Allyl chloride
 Concen: 54.106 ug/l
 RT: 2.72 min Scan# 300
 Delta R.T. 0.00 min
 Lab File: VX013035.D
 Acq: 11 Oct 2019 22:33

Tgt Ion: 41 Resp: 152990
 Ion Ratio Lower Upper
 41 100
 39 62.1 51.0 76.6
 76 33.0 26.2 39.4





#15

Acrylonitrile

Concen: 280.334 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.01 min

Lab File: VX013035.D

Acq: 11 Oct 2019 22:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

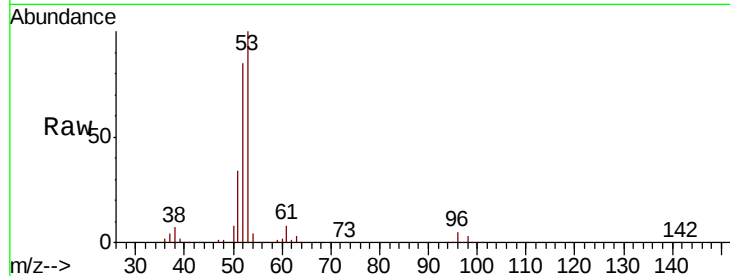
Tot Ion: 53 Resp: 276561

Ion Ratio Lower Upper

53 100

52 82.8 66.2 99.2

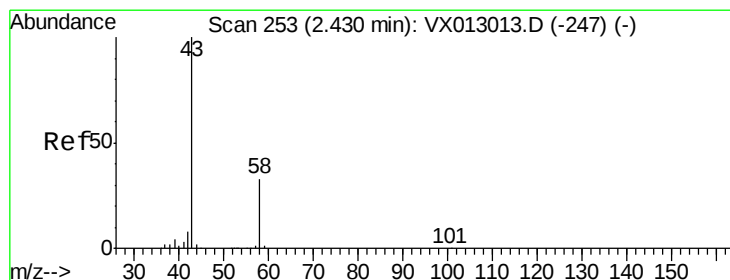
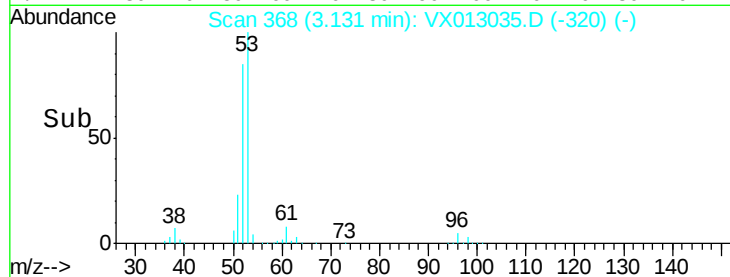
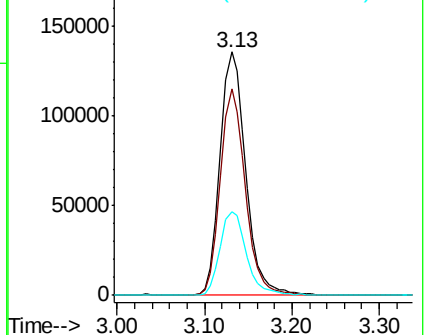
51 35.7 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 220.929 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX013035.D

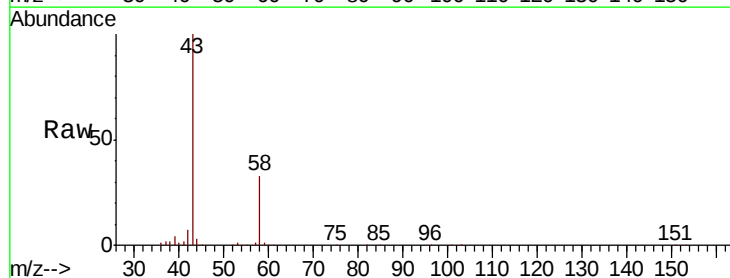
Acq: 11 Oct 2019 22:33

Tgt Ion: 43 Resp: 228686

Ion Ratio Lower Upper

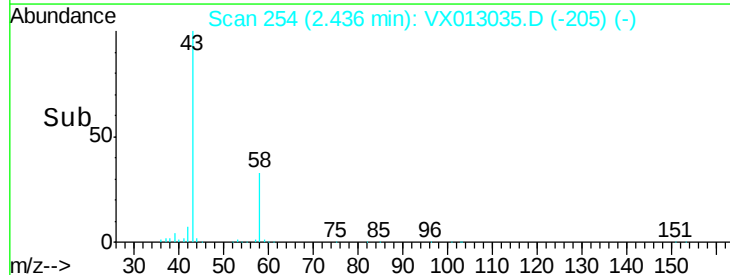
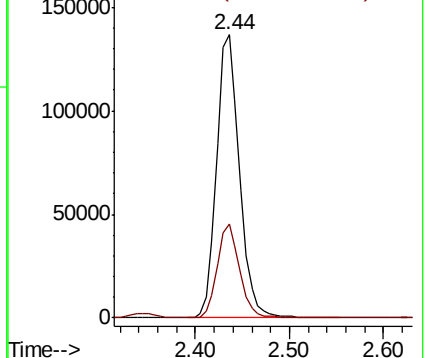
43 100

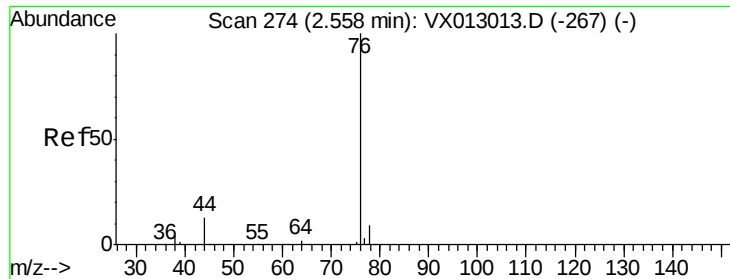
58 33.1 25.4 38.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

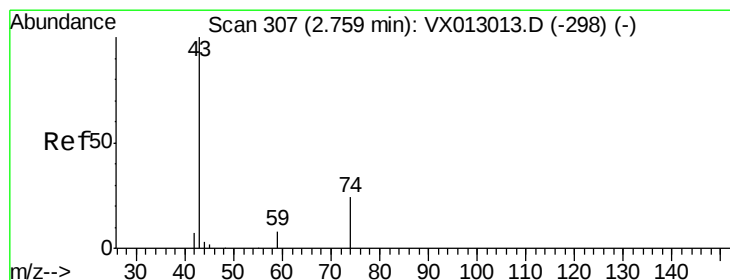
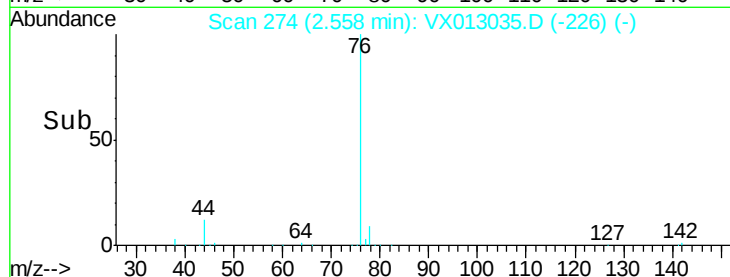
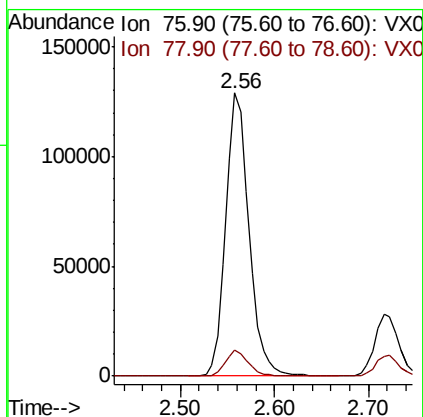
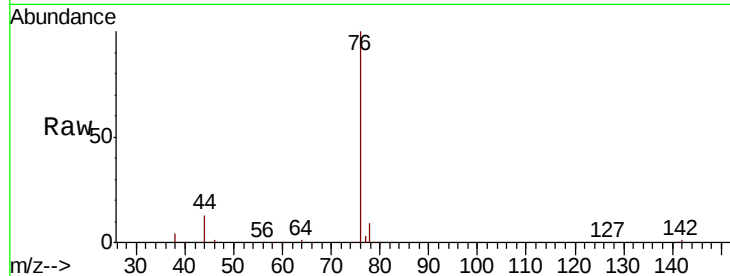




#17
Carbon Disulfide
Concen: 48.908 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.01 min
Lab File: VX013035.D
Acq: 11 Oct 2019 22:33

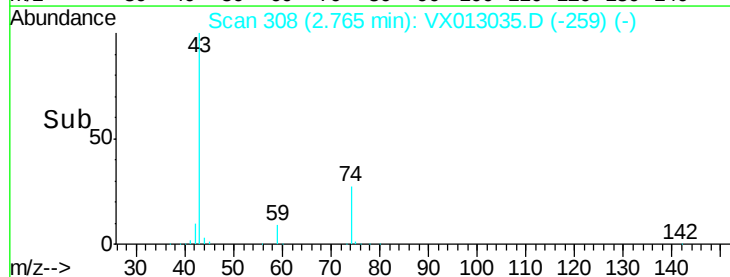
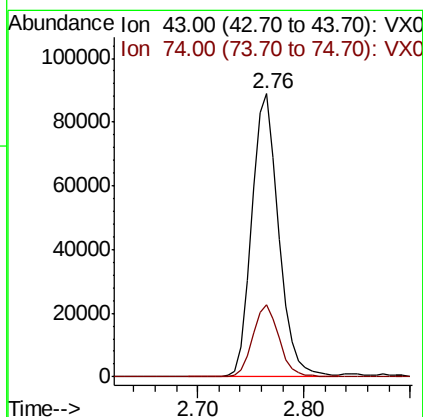
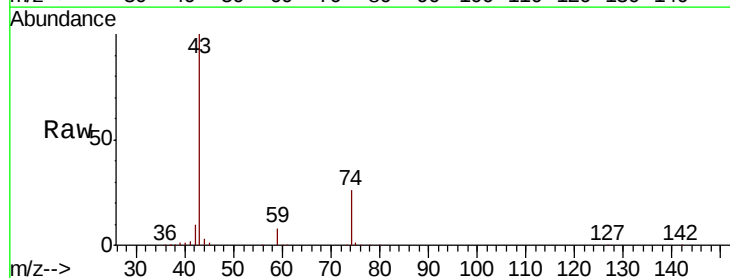
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

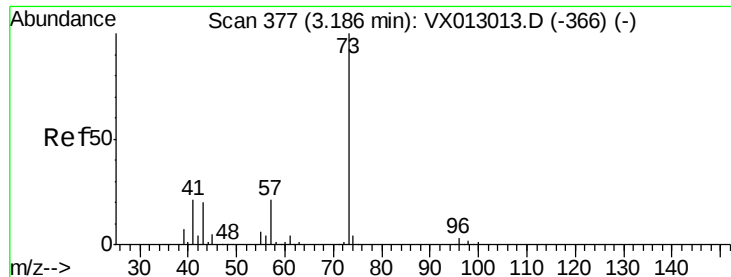
Tot Ion: 76 Resp: 221425
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7



#18
Methyl Acetate
Concen: 64.583 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX013035.D
Acq: 11 Oct 2019 22:33

Tgt Ion: 43 Resp: 158454
Ion Ratio Lower Upper
43 100
74 24.9 19.2 28.8

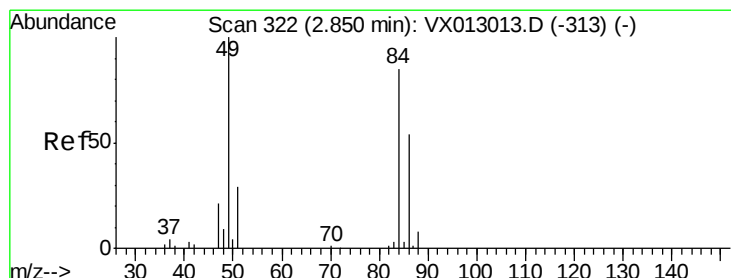
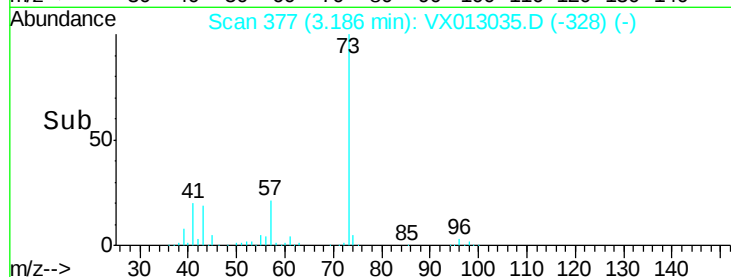
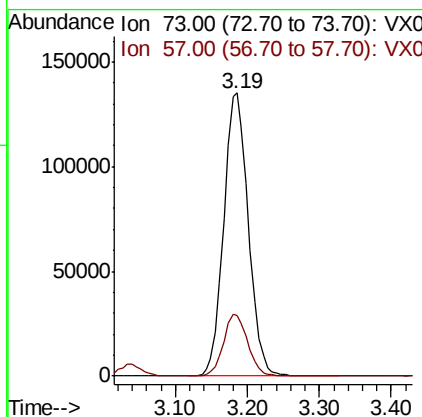
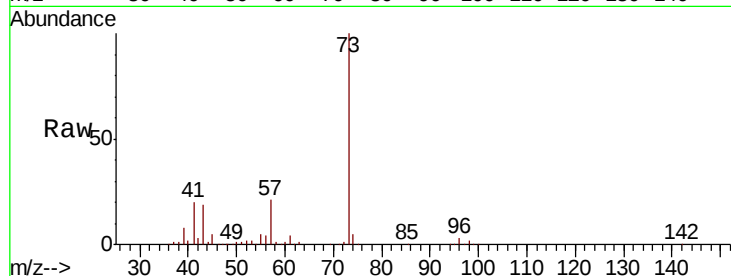




#19
Methyl tert-butyl Ether
Concen: 58.476 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX013035.D
Acq: 11 Oct 2019 22:33

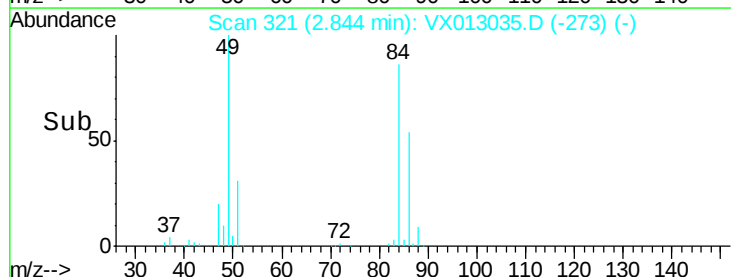
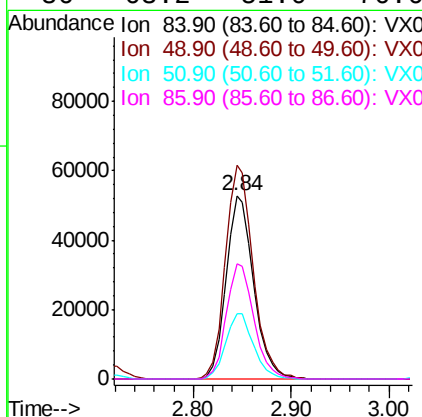
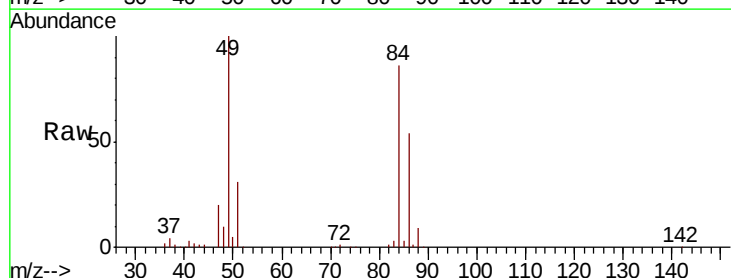
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

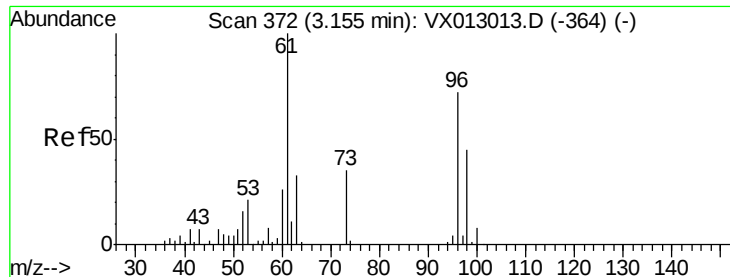
Tot Ion: 73 Resp: 320630
Ion Ratio Lower Upper
73 100
57 21.3 17.8 26.6



#20
Methylene Chloride
Concen: 54.016 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX013035.D
Acq: 11 Oct 2019 22:33

Tgt Ion: 84 Resp: 102757
Ion Ratio Lower Upper
84 100
49 116.6 96.6 144.8
51 35.6 30.7 46.1
86 63.2 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 54.924 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013035.D

Acq: 11 Oct 2019 22:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

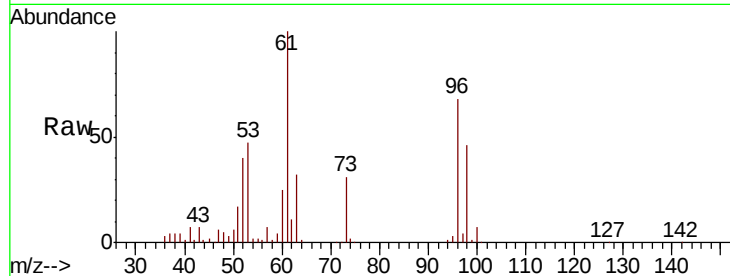
Tot Ion: 96 Resp: 93470

Ion Ratio Lower Upper

96 100

61 146.4 110.4 165.6

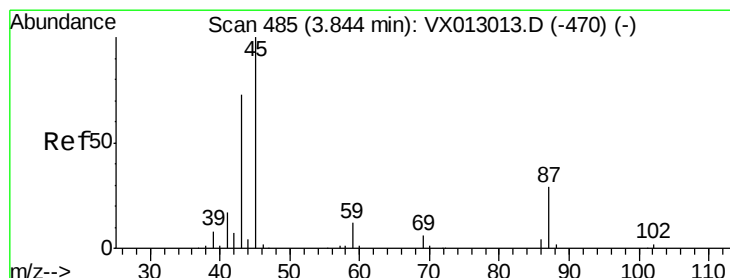
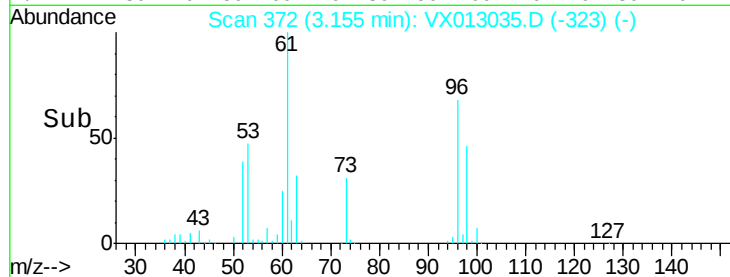
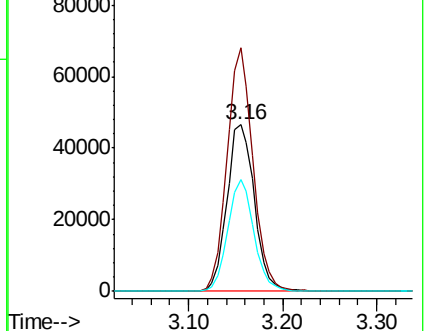
98 67.0 51.5 77.3



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 57.023 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.01 min

Lab File: VX013035.D

Acq: 11 Oct 2019 22:33

Tgt Ion: 45 Resp: 308962

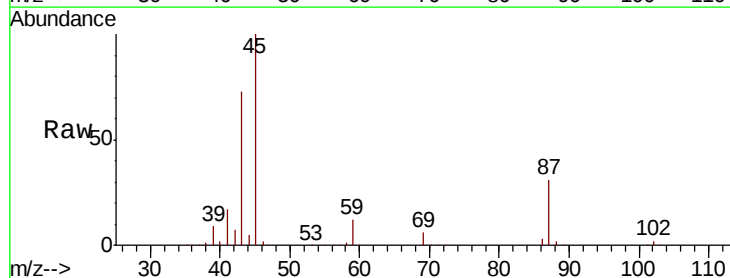
Ion Ratio Lower Upper

45 100

43 72.7 51.4 77.0

87 30.8 22.5 33.7

59 12.3 9.7 14.5

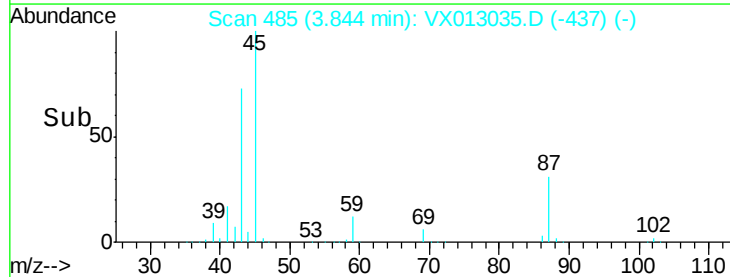
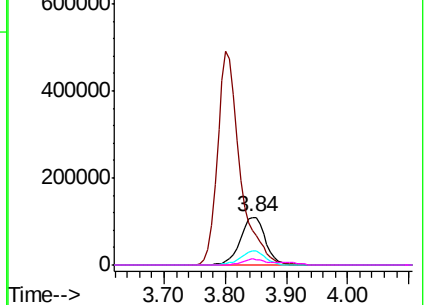


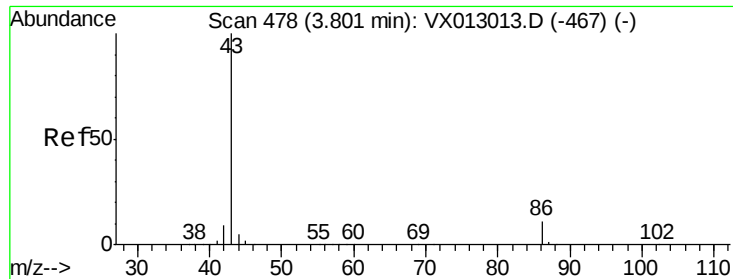
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 270.556 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX013035.D

Acq: 11 Oct 2019 22:33

Instrument :

MSVOA_X

ClientSampleId :

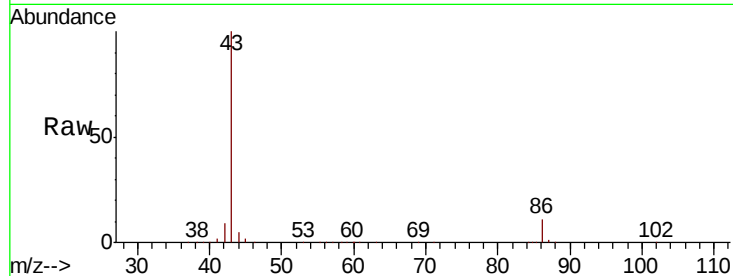
VSTDCCC050EC

Tot Ion: 43 Resp: 1265491

Ion Ratio Lower Upper

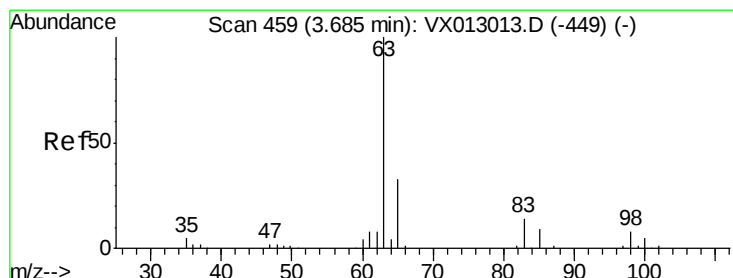
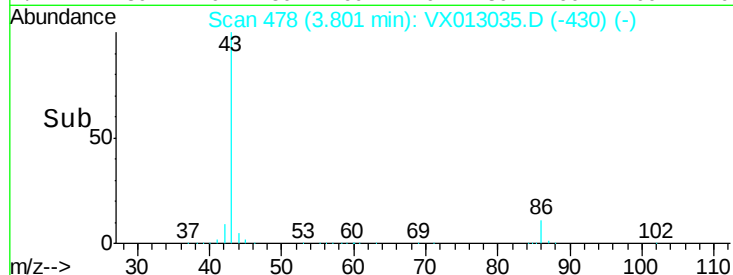
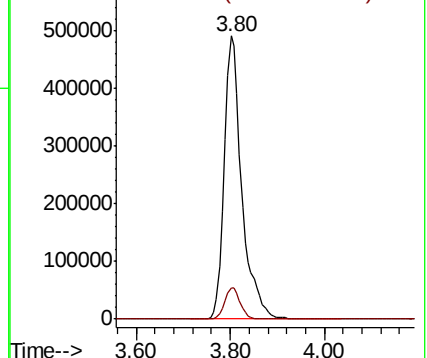
43 100

86 11.0 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 56.997 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013035.D

Acq: 11 Oct 2019 22:33

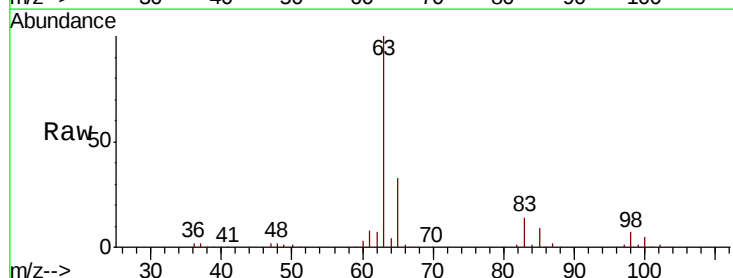
Tgt Ion: 63 Resp: 173735

Ion Ratio Lower Upper

63 100

98 7.2 3.9 11.5

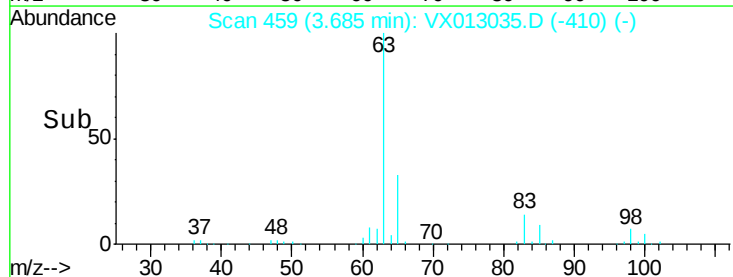
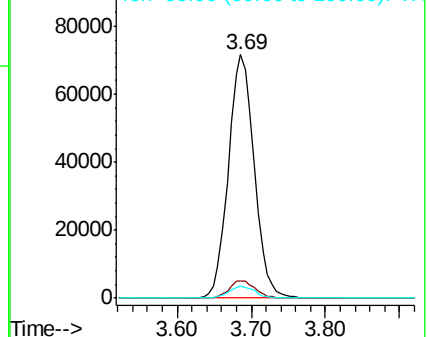
100 5.1 2.3 6.9

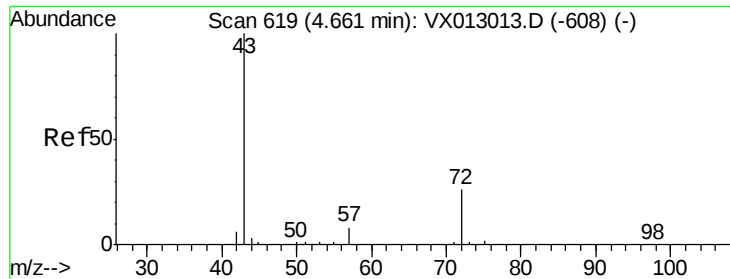


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 260.555 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX013035.D

Acq: 11 Oct 2019 22:33

Instrument :

MSVOA_X

ClientSampleId :

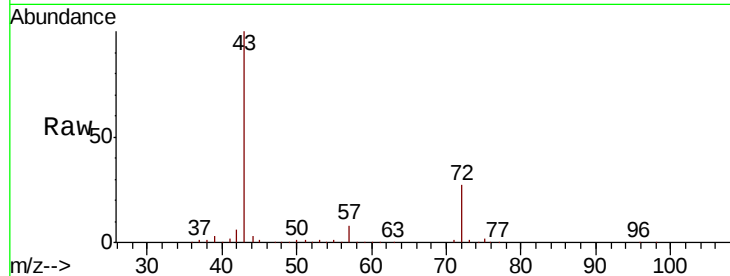
VSTDCCC050EC

Tot Ion: 43 Resp: 374177

Ion Ratio Lower Upper

43 100

72 26.9 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.66

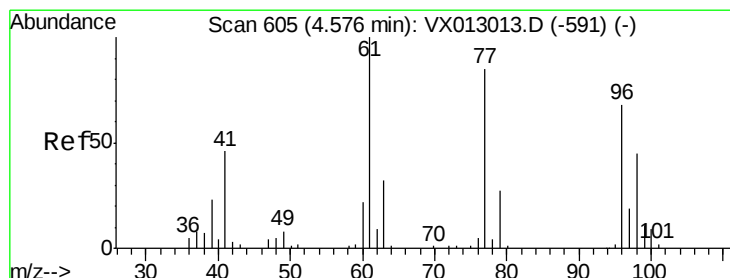
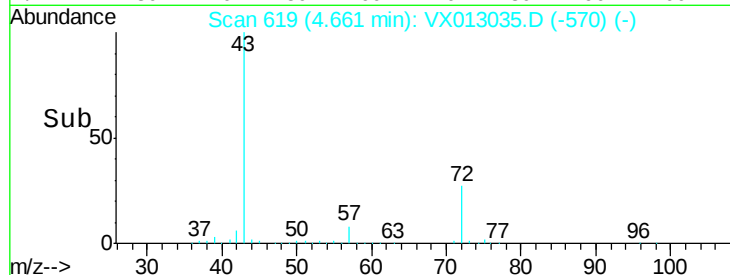
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 48.524 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX013035.D

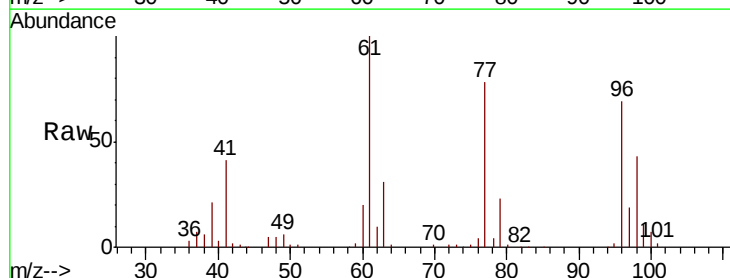
Acq: 11 Oct 2019 22:33

Tgt Ion: 77 Resp: 124377

Ion Ratio Lower Upper

77 100

97 23.4 11.3 33.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.58

40000

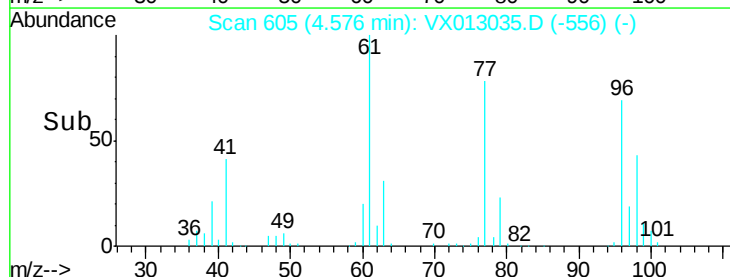
30000

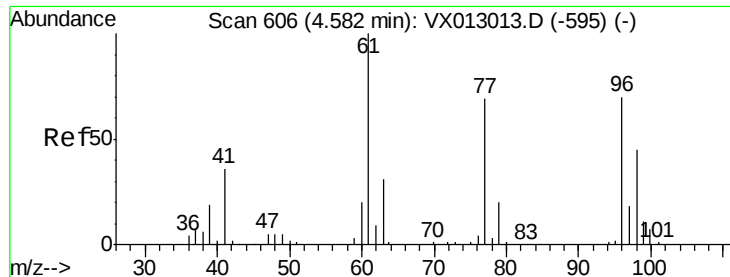
20000

10000

0

Time-->



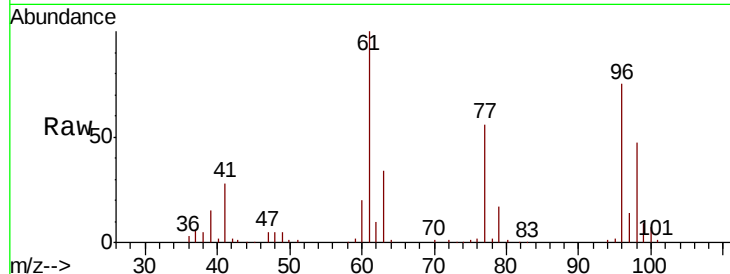


#27

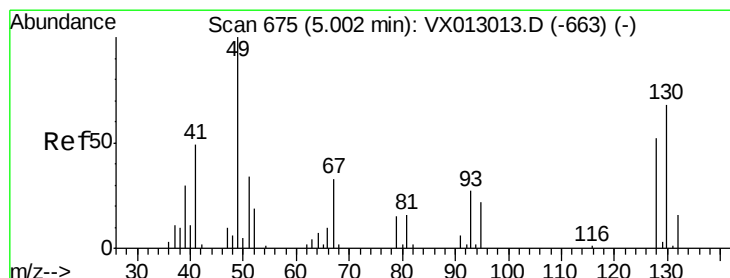
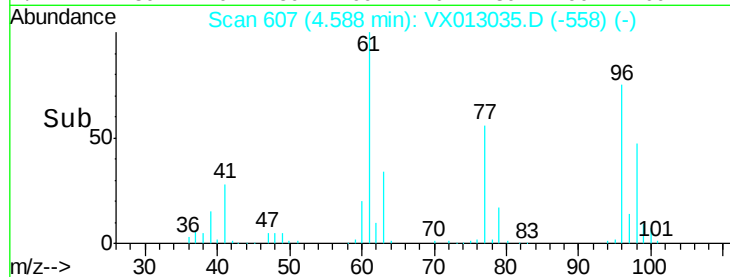
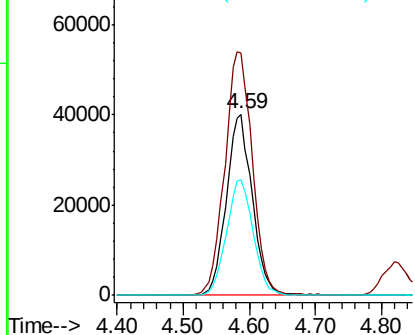
cis-1,2-Dichloroethene
Concen: 55.271 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX013035.D
Acq: 11 Oct 2019 22:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 96 Resp: 108421
Ion Ratio Lower Upper
96 100
61 143.5 0.0 290.6
98 65.9 0.0 128.8



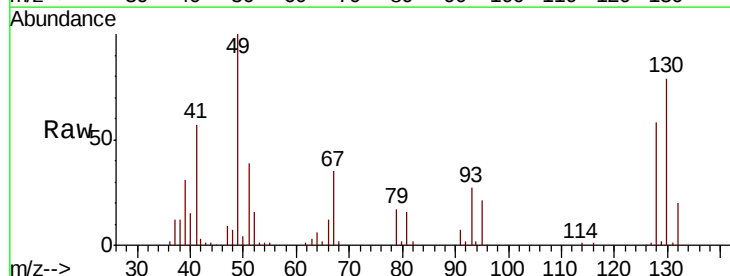
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



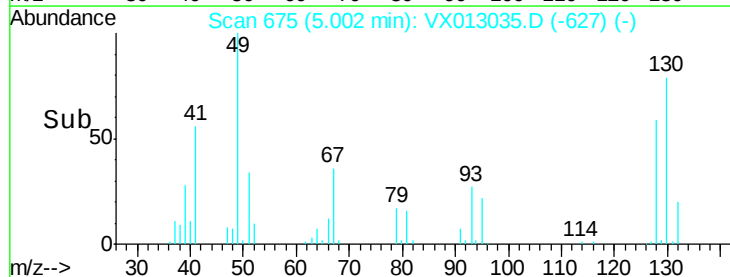
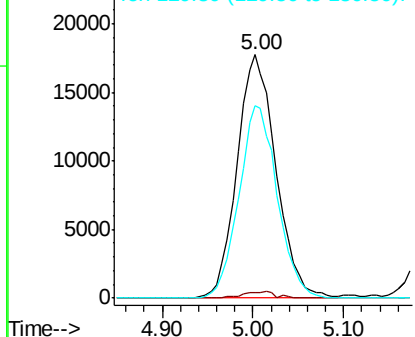
#28

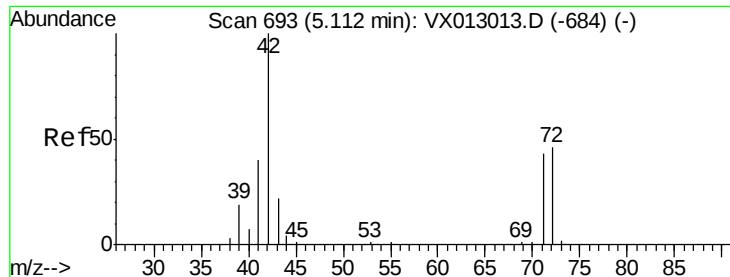
Bromochloromethane
Concen: 57.997 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX013035.D
Acq: 11 Oct 2019 22:33

Tgt Ion: 49 Resp: 52767
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.2
130 77.7 62.1 93.1



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





#29

Tetrahydrofuran

Concen: 274.207 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.00 min

Lab File: VX013035.D

Acq: 11 Oct 2019 22:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

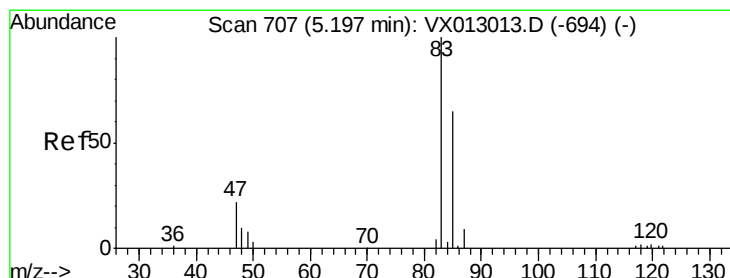
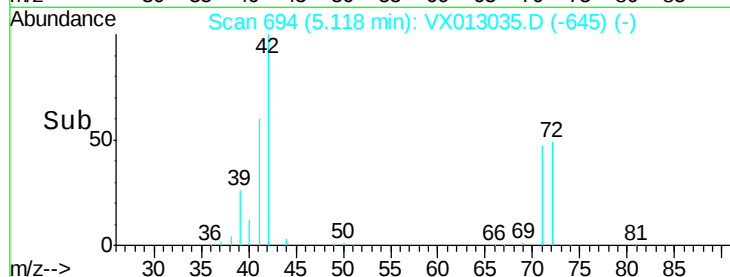
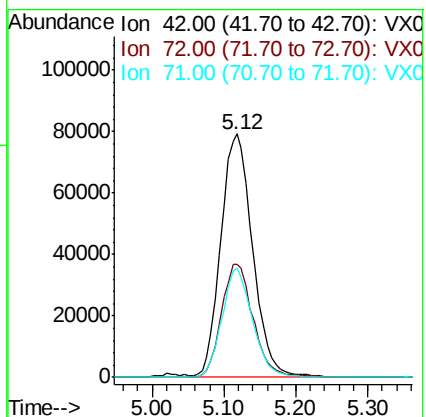
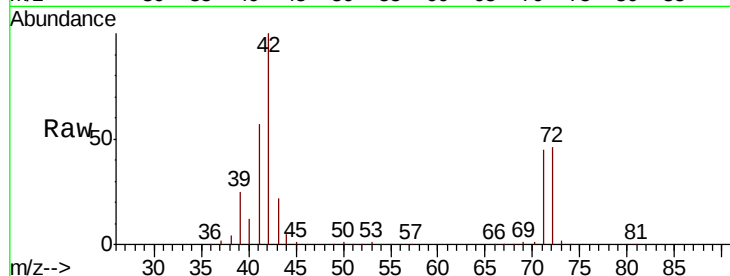
Tot Ion: 42 Resp: 242320

Ion Ratio Lower Upper

42 100

72 46.7 36.9 55.3

71 43.1 33.5 50.3



#30

Chloroform

Concen: 56.050 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.01 min

Lab File: VX013035.D

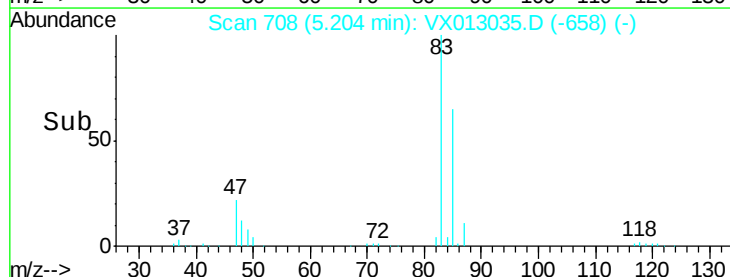
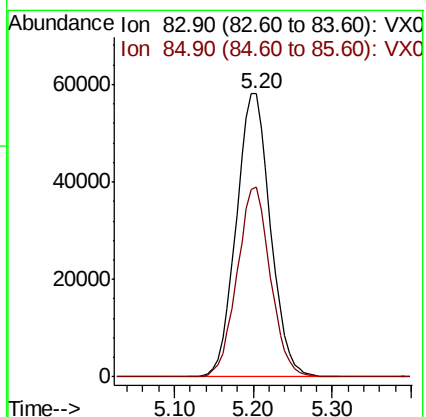
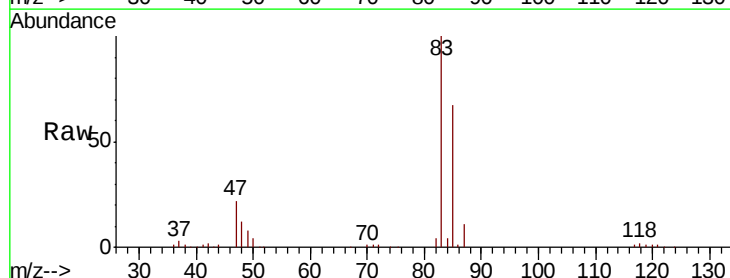
Acq: 11 Oct 2019 22:33

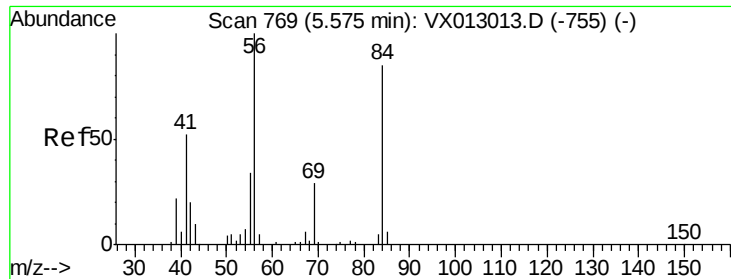
Tgt Ion: 83 Resp: 175304

Ion Ratio Lower Upper

83 100

85 67.0 51.5 77.3

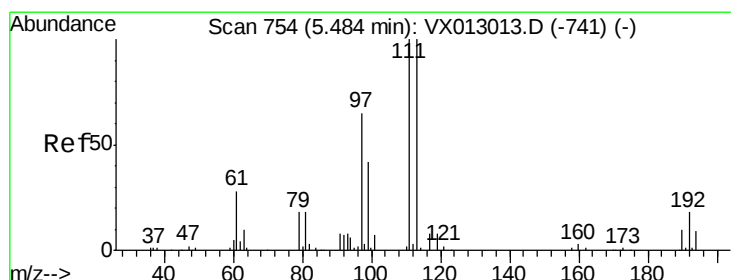
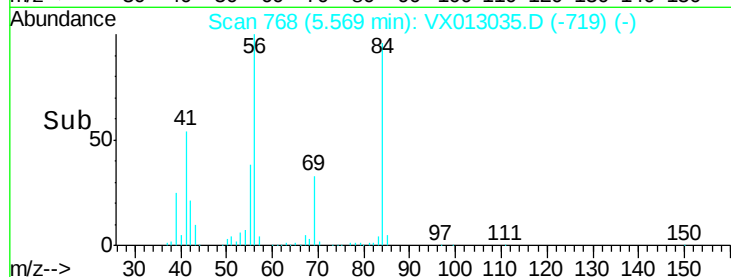
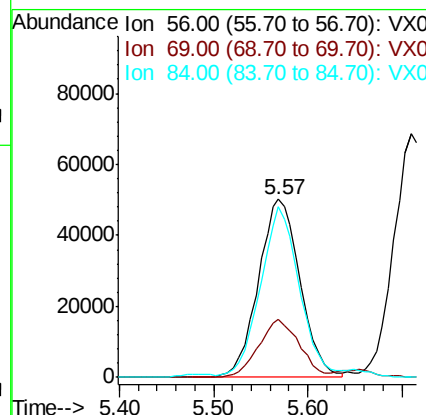
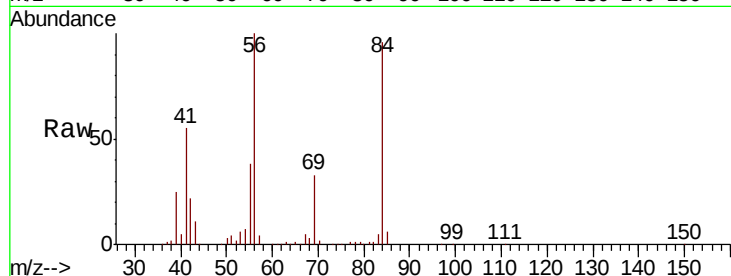




#31
Cyclohexane
Concen: 54.327 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX013035.D
Acq: 11 Oct 2019 22:33

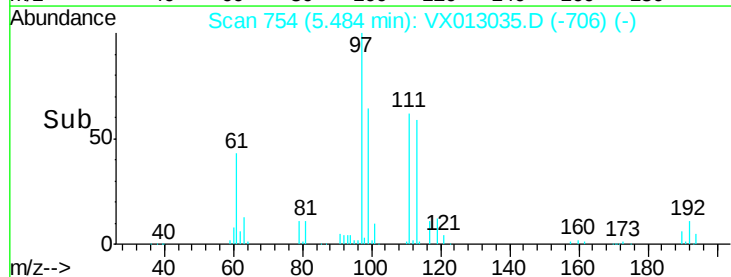
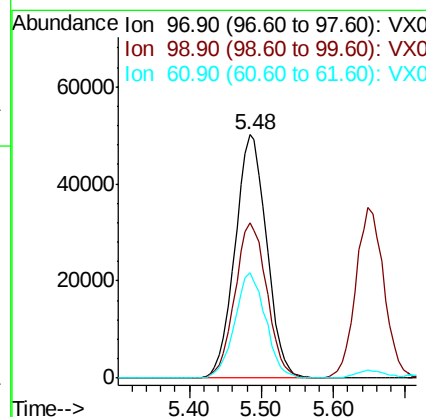
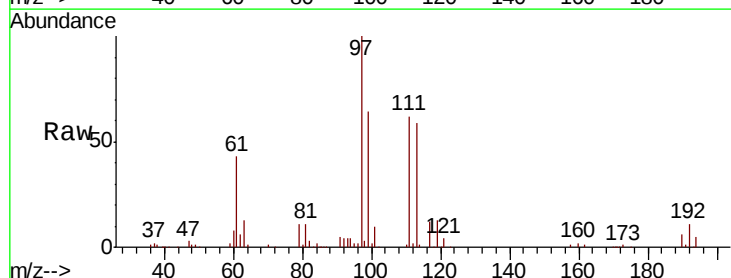
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 56 Resp: 154846
Ion Ratio Lower Upper
56 100
69 32.6 25.2 37.8
84 94.0 71.3 106.9



#32
1,1,1-Trichloroethane
Concen: 57.622 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX013035.D
Acq: 11 Oct 2019 22:33

Tgt Ion: 97 Resp: 152703
Ion Ratio Lower Upper
97 100
99 64.7 52.3 78.5
61 42.6 35.0 52.4

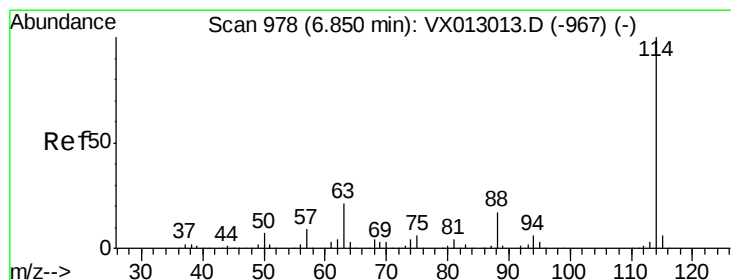
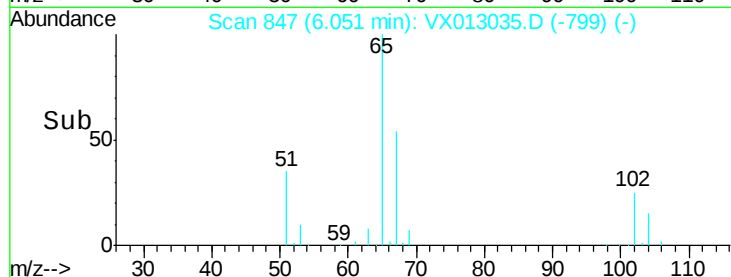
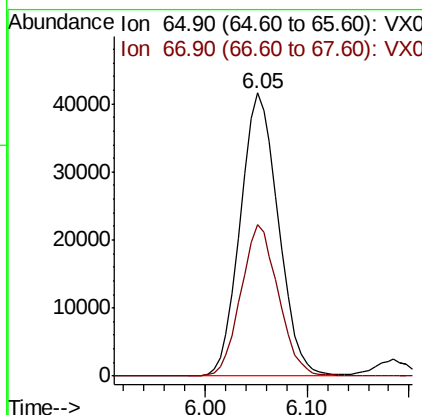
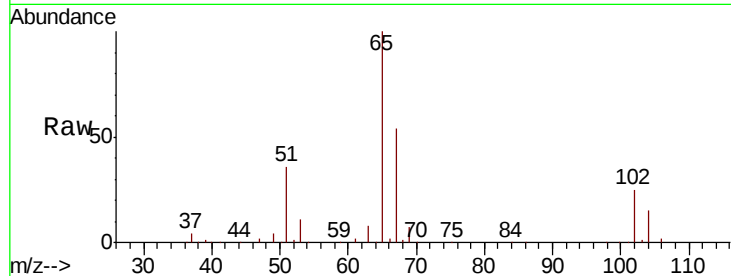




#33
 1,2-Dichloroethane-d4
 Concen: 55.003 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: VX013035.D
 Acq: 11 Oct 2019 22:33

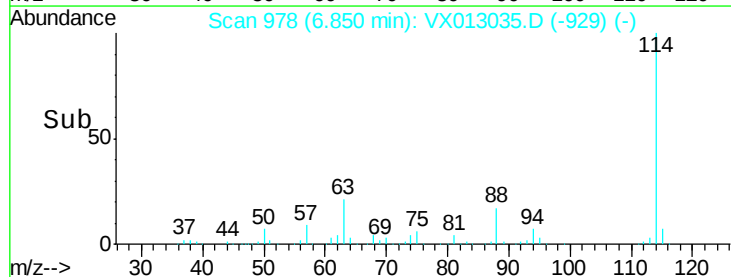
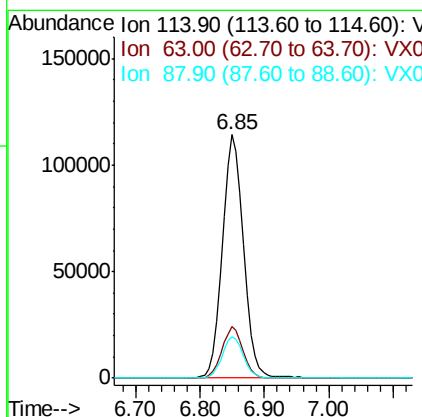
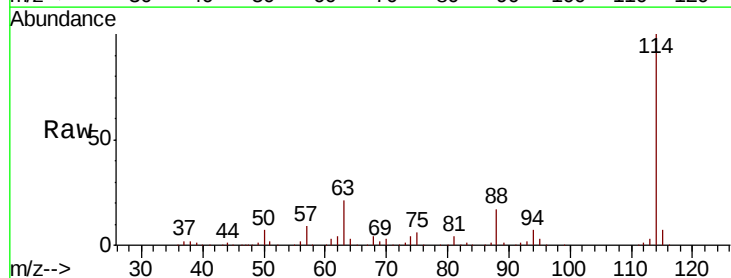
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

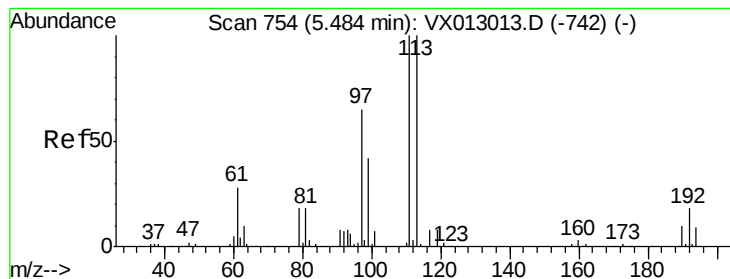
Tot Ion: 65 Resp: 108015
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013035.D
 Acq: 11 Oct 2019 22:33

Tgt Ion: 114 Resp: 265692
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 40.8
 88 17.0 0.0 33.8





#35

Dibromofluoromethane

Concen: 55.746 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX013035.D

Acq: 11 Oct 2019 22:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

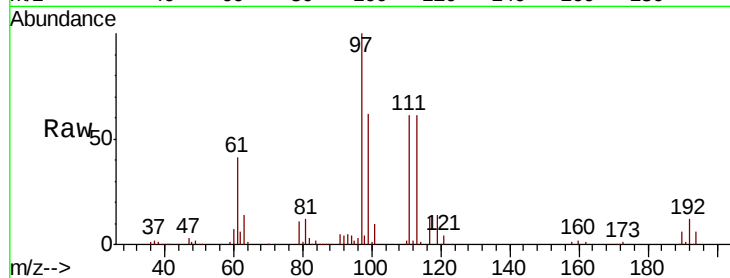
Tot Ion:113 Resp: 85009

Ion Ratio Lower Upper

113 100

111 103.7 83.2 124.8

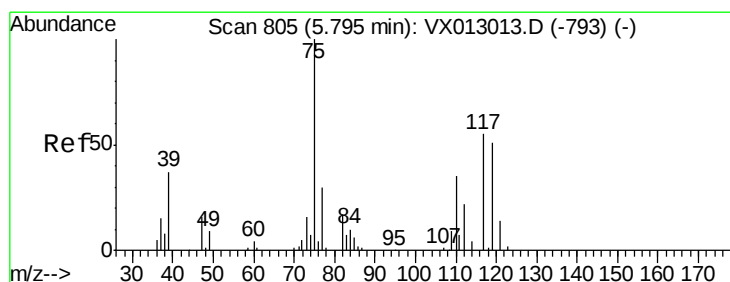
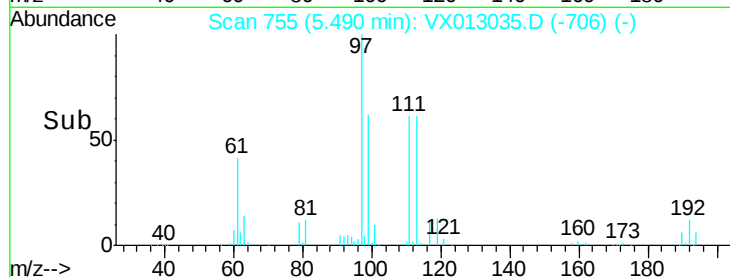
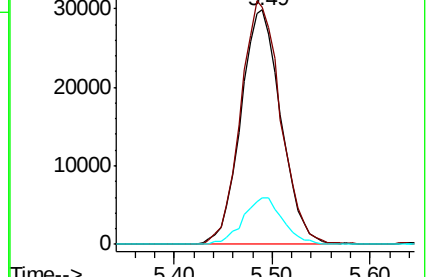
192 19.8 15.4 23.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 56.072 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX013035.D

Acq: 11 Oct 2019 22:33

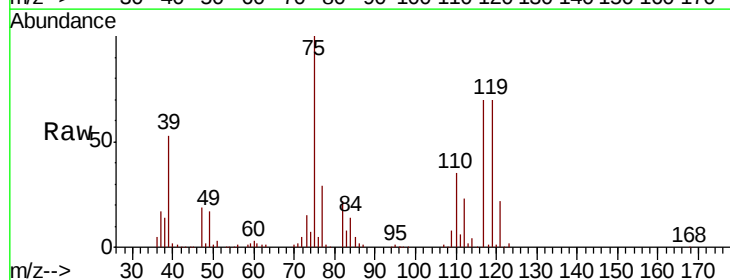
Tgt Ion: 75 Resp: 130983

Ion Ratio Lower Upper

75 100

110 35.3 17.6 52.9

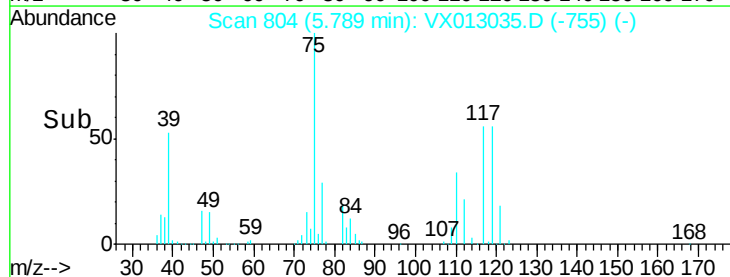
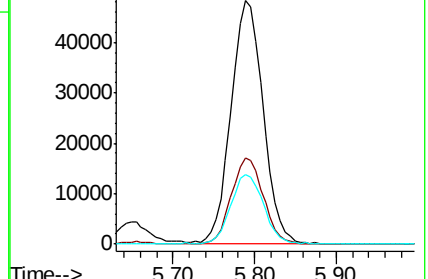
77 28.9 24.4 36.6

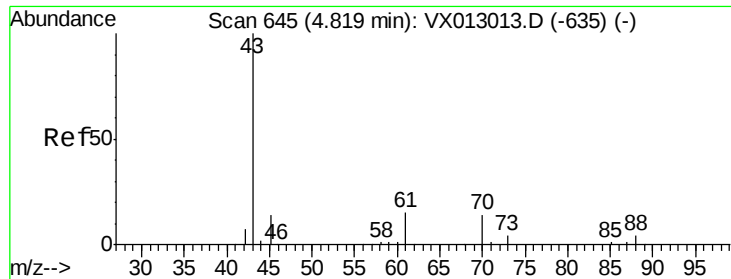


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

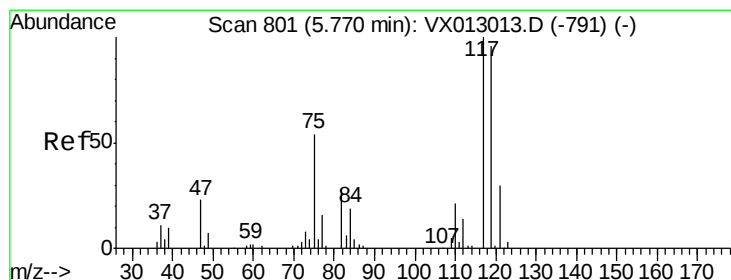
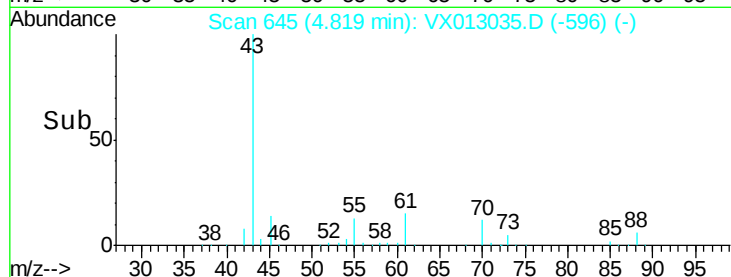
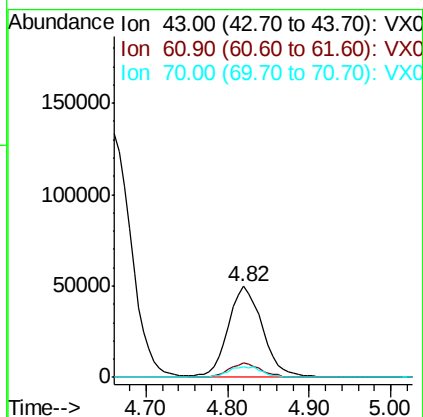
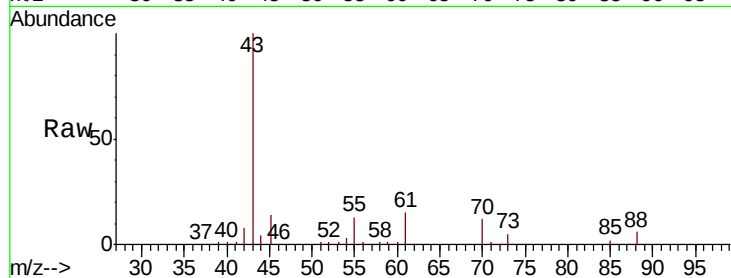




#37
Ethyl Acetate
Concen: 54.988 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX013035.D
Acq: 11 Oct 2019 22:33

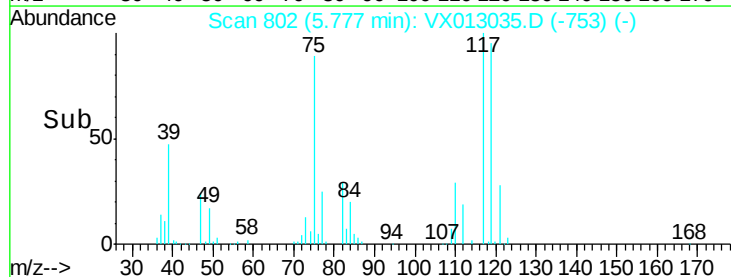
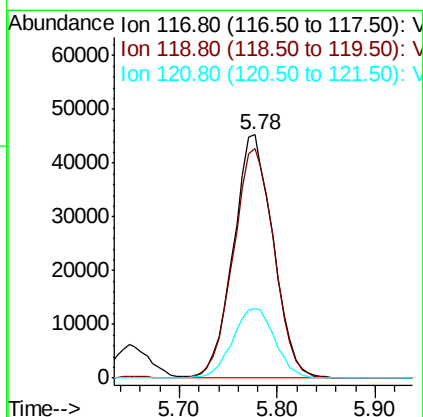
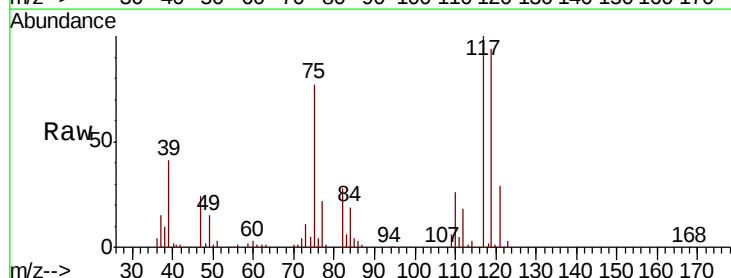
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

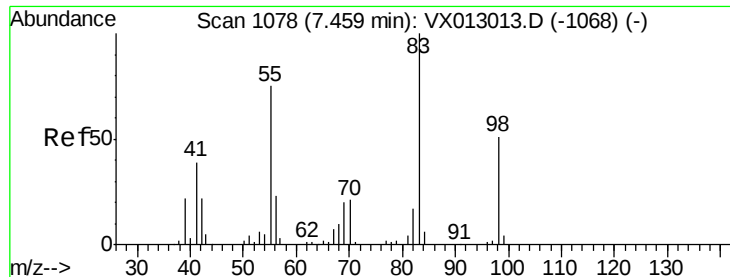
Tot Ion: 43 Resp: 143632
Ion Ratio Lower Upper
43 100
61 14.6 11.4 17.0
70 11.9 9.8 14.6



#38
Carbon Tetrachloride
Concen: 56.376 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX013035.D
Acq: 11 Oct 2019 22:33

Tgt Ion: 117 Resp: 128183
Ion Ratio Lower Upper
117 100
119 94.3 74.5 111.7
121 28.5 24.2 36.4

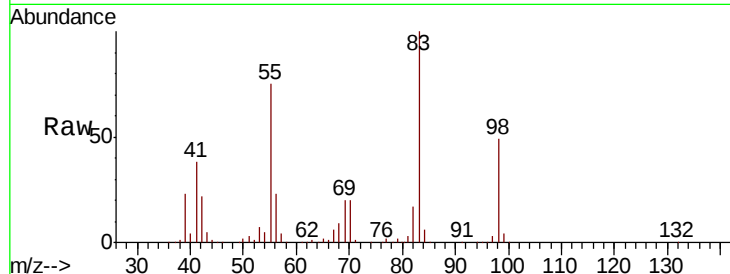




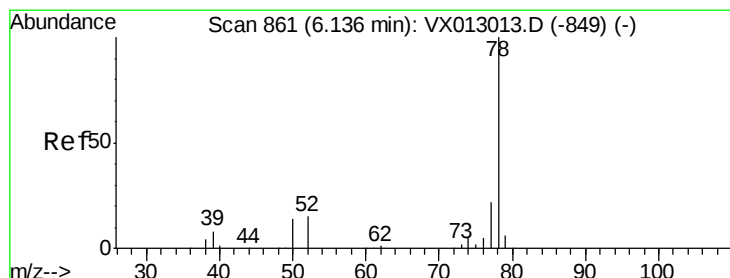
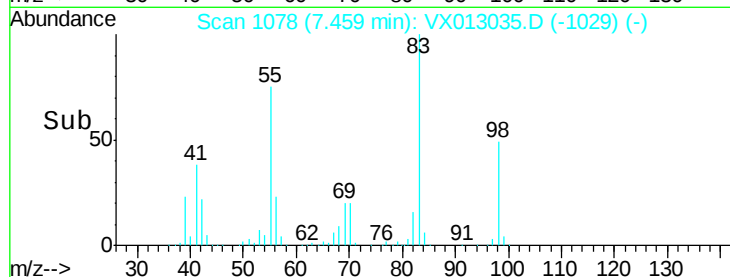
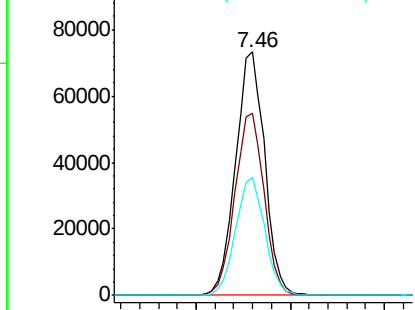
#39
Methvlcvclohexane
Concen: 55.736 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX013035.D
Acq: 11 Oct 2019 22:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 157895
Ion Ratio Lower Upper
83 100
55 75.1 60.2 90.4
98 48.5 38.5 57.7

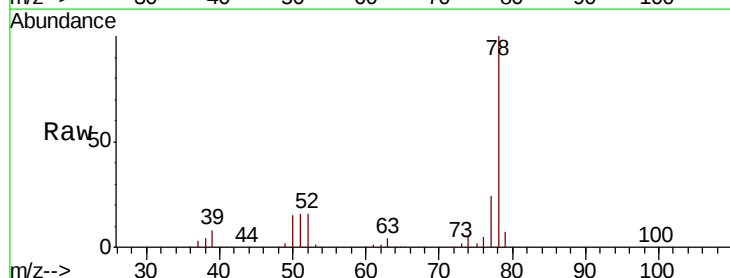


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

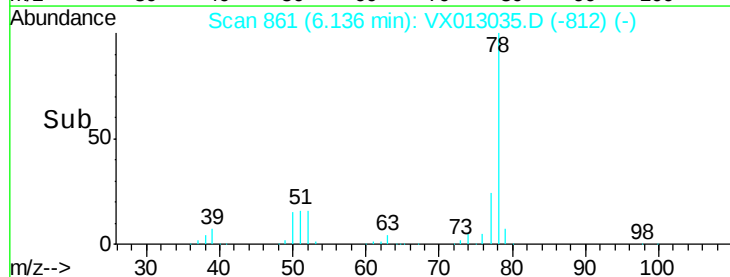
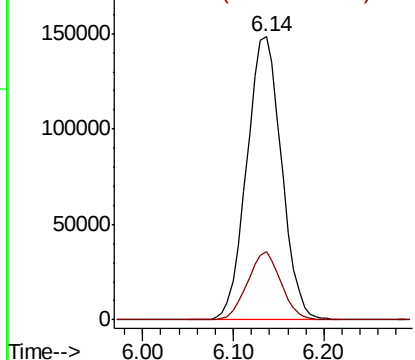


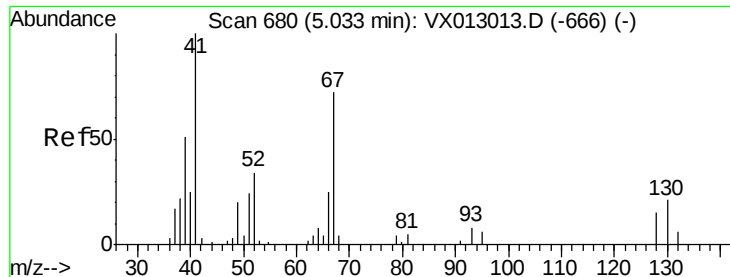
#40
Benzene
Concen: 57.213 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX013035.D
Acq: 11 Oct 2019 22:33

Tgt Ion: 78 Resp: 394734
Ion Ratio Lower Upper
78 100
77 24.2 19.0 28.4



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





#41

Methacrylonitrile

Concen: 54.989 ug/l

RT: 5.03 min Scan# 680

Delta R.T. 0.00 min

Lab File: VX013035.D

Acq: 11 Oct 2019 22:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 78926

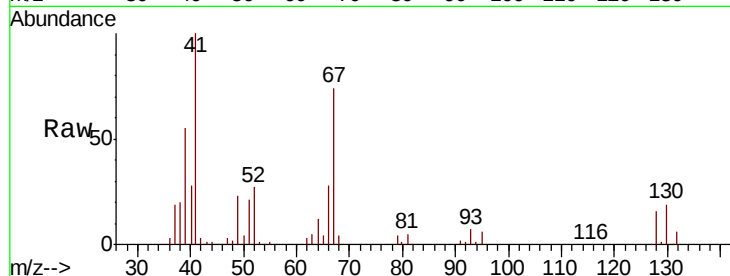
Ion Ratio Lower Upper

41 100

39 55.4 44.0 66.0

67 73.8 58.5 87.7

52 30.0 23.8 35.8

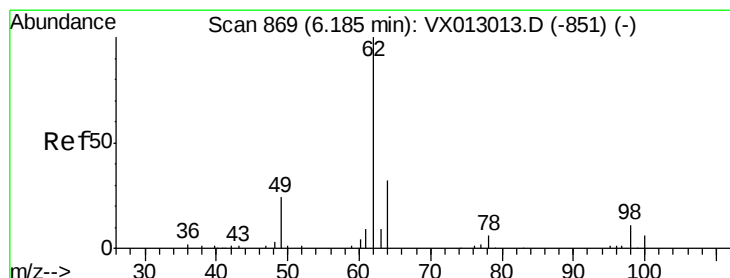
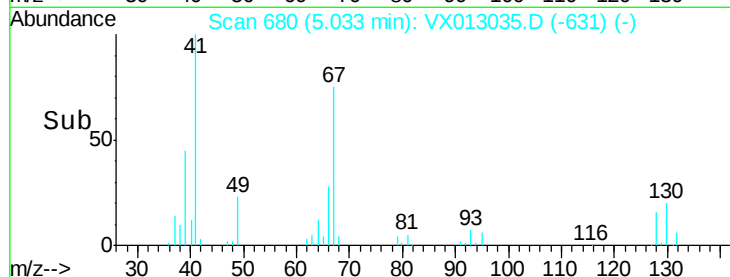
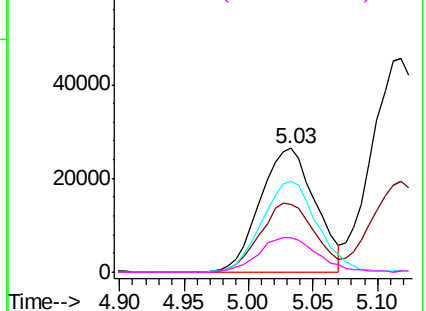


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 57.351 ug/l

RT: 6.19 min Scan# 869

Delta R.T. 0.00 min

Lab File: VX013035.D

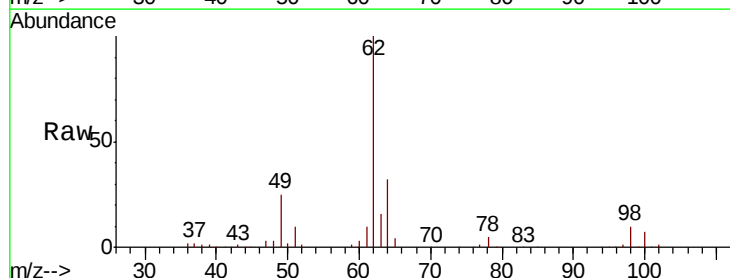
Acq: 11 Oct 2019 22:33

Tgt Ion: 62 Resp: 141982

Ion Ratio Lower Upper

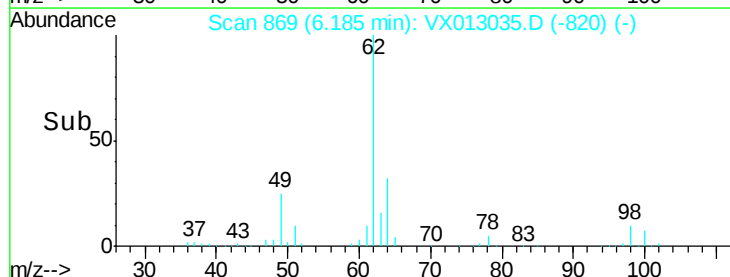
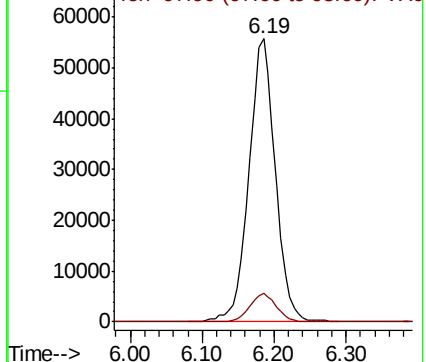
62 100

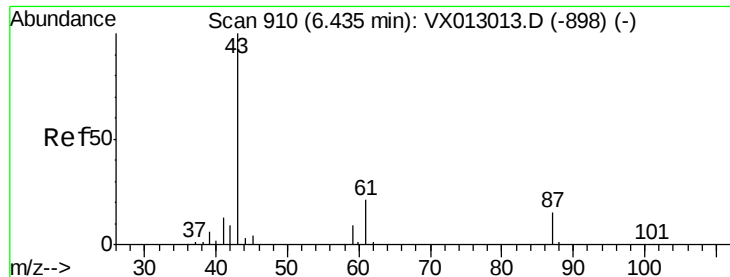
98 10.1 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



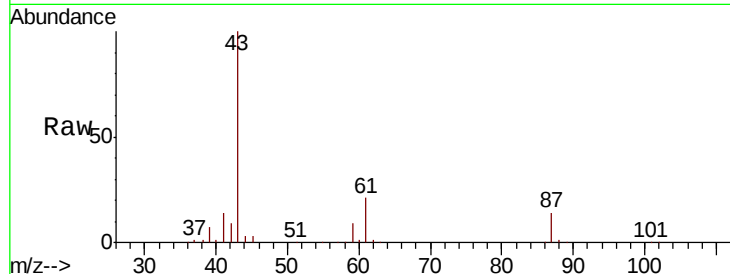


#43

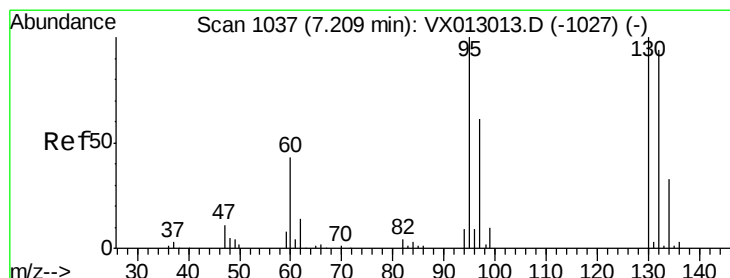
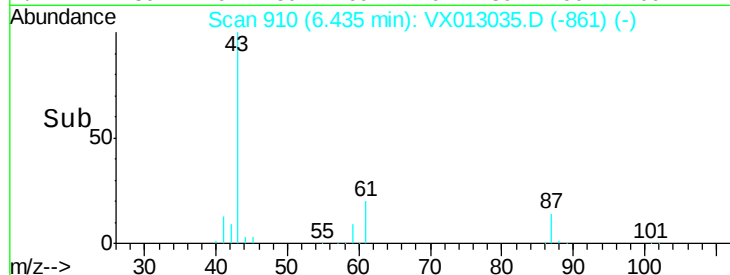
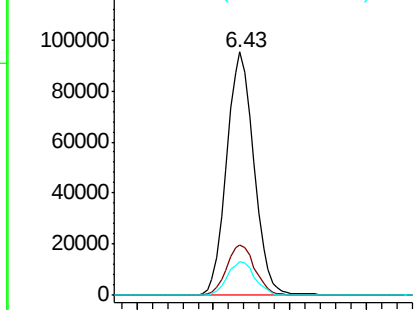
Isopropyl Acetate
 Concen: 55.960 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX013035.D
 Acq: 11 Oct 2019 22:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 234608
 Ion Ratio Lower Upper
 43 100
 61 21.6 16.6 24.8
 87 14.0 11.0 16.6



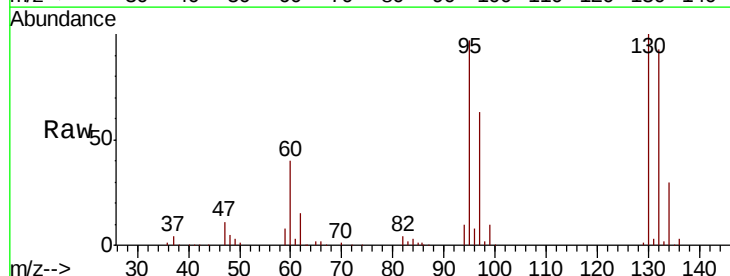
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



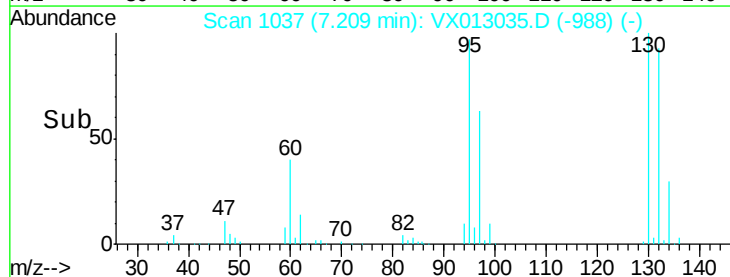
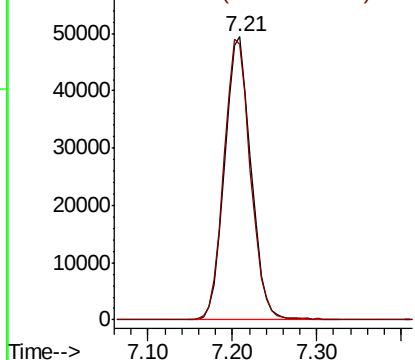
#44

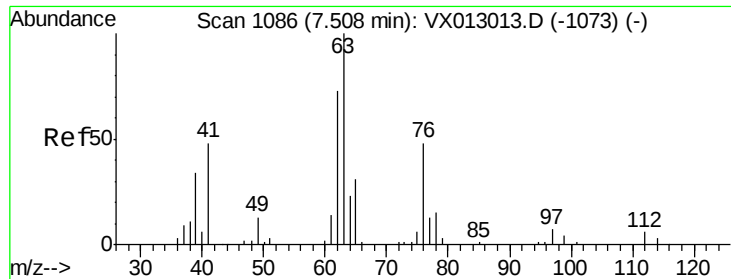
Trichloroethene
 Concen: 55.244 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VX013035.D
 Acq: 11 Oct 2019 22:33

Tgt Ion: 130 Resp: 105692
 Ion Ratio Lower Upper
 130 100
 95 97.5 0.0 189.2



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

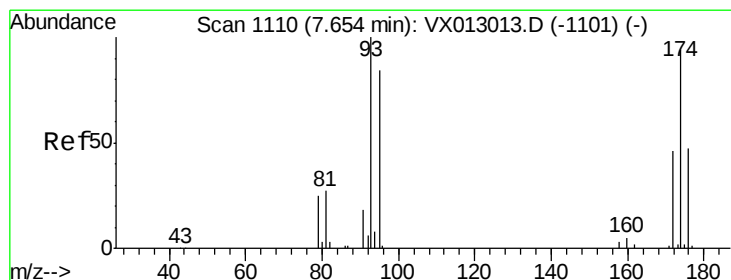
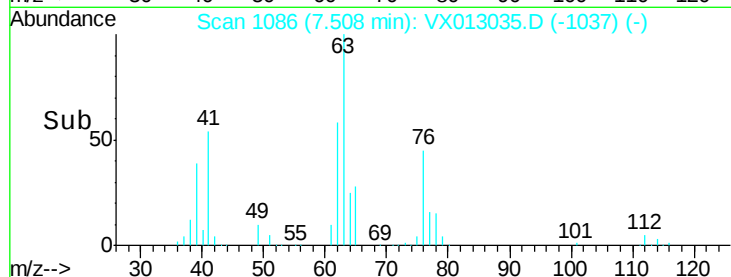
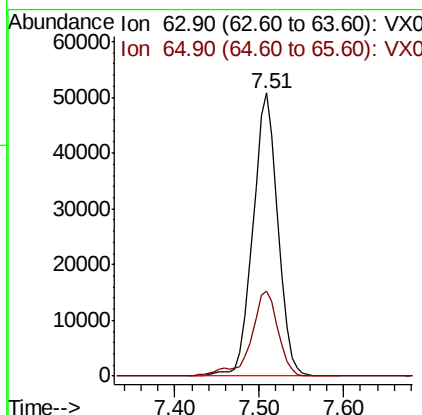
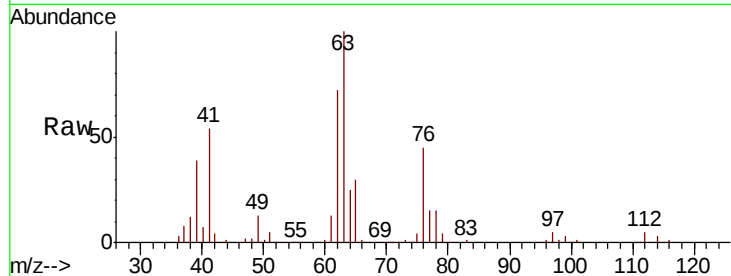




#45
 1,2-Dichloropropane
 Concen: 57.879 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX013035.D
 Acq: 11 Oct 2019 22:33

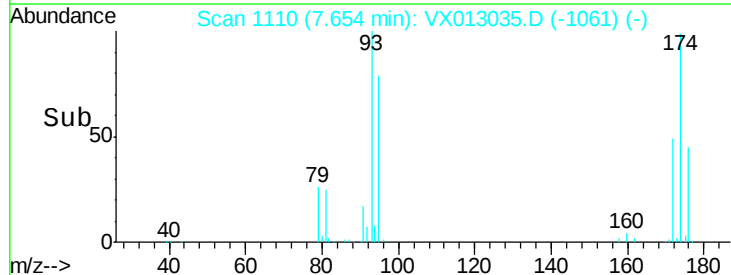
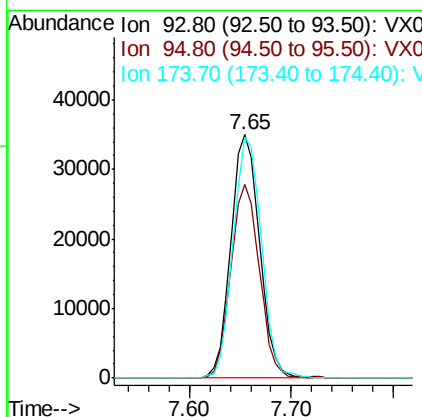
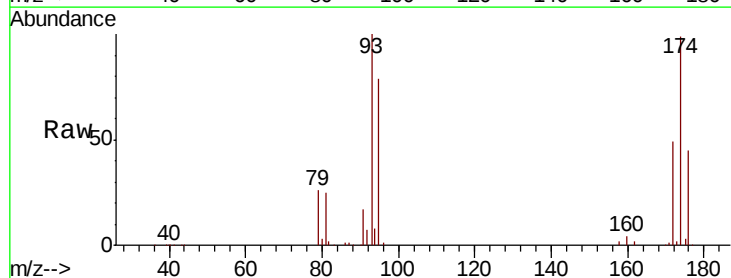
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

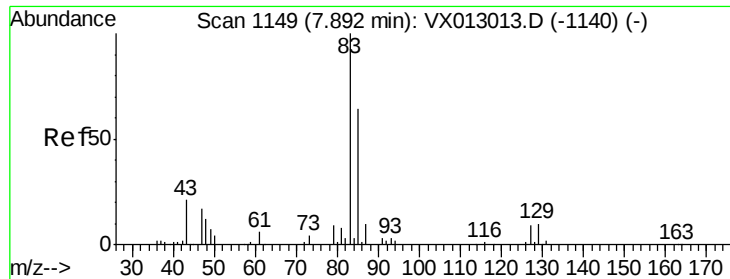
Tot Ion: 63 Resp: 101775
 Ion Ratio Lower Upper
 63 100
 65 29.8 24.6 37.0



#46
 Dibromomethane
 Concen: 58.078 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX013035.D
 Acq: 11 Oct 2019 22:33

Tgt Ion: 93 Resp: 68042
 Ion Ratio Lower Upper
 93 100
 95 79.2 66.3 99.5
 174 97.8 77.8 116.6

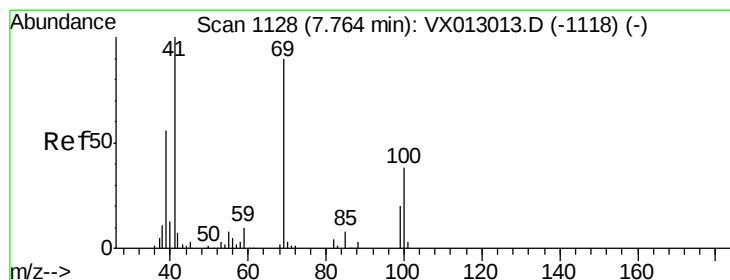
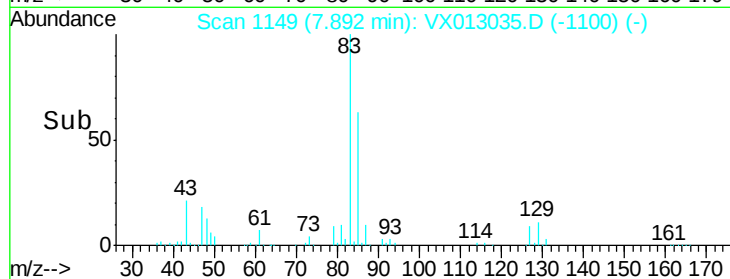
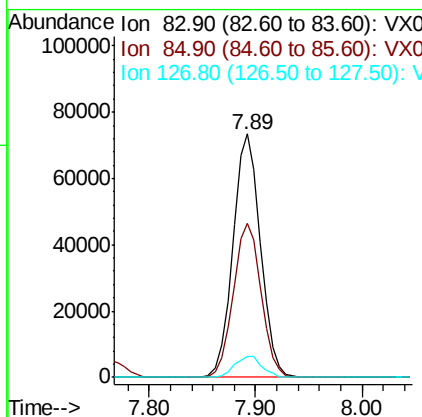
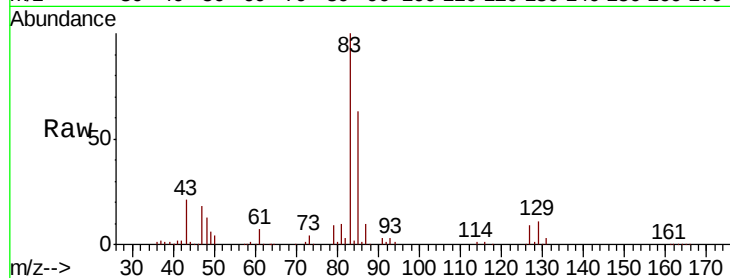




#47
Bromodichloromethane
Concen: 58.075 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. 0.00 min
Lab File: VX013035.D
Acq: 11 Oct 2019 22:33

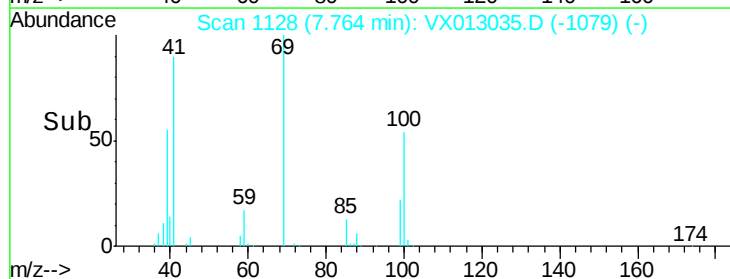
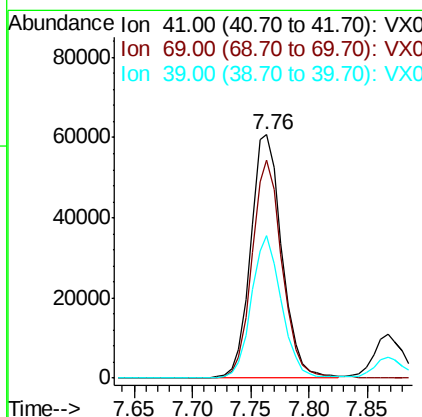
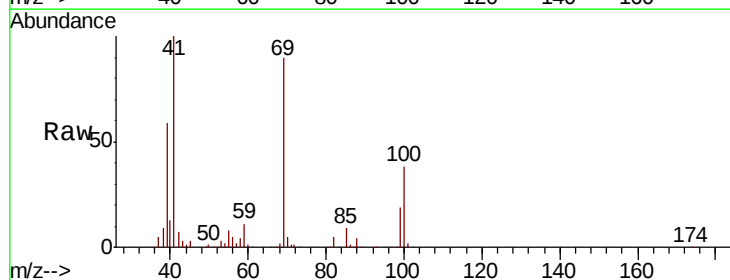
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

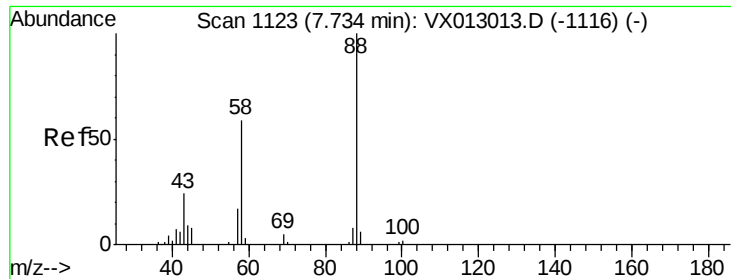
Tot Ion: 83 Resp: 132778
Ion Ratio Lower Upper
83 100
85 63.1 52.4 78.6
127 8.6 6.6 10.0



#48
Methyl methacrylate
Concen: 55.641 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX013035.D
Acq: 11 Oct 2019 22:33

Tgt Ion: 41 Resp: 113677
Ion Ratio Lower Upper
41 100
69 86.6 68.7 103.1
39 56.2 44.3 66.5

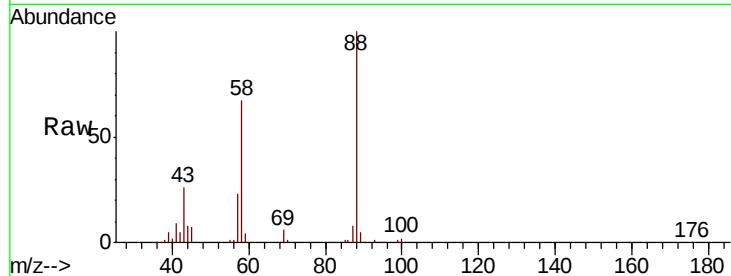




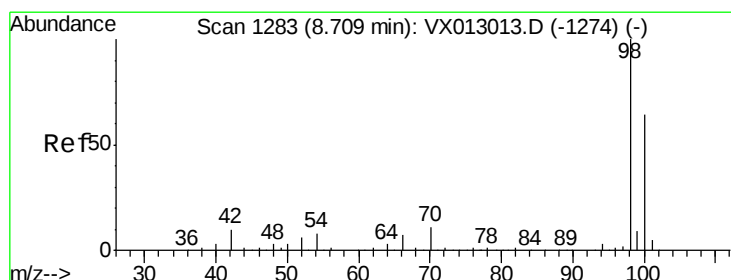
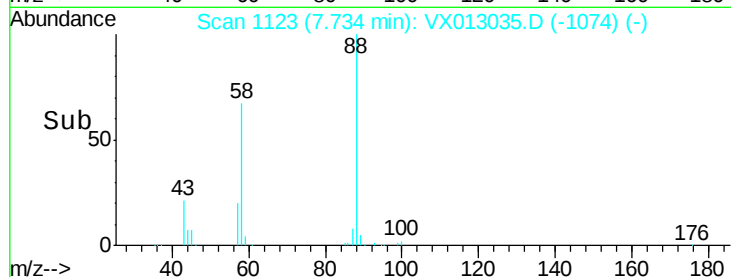
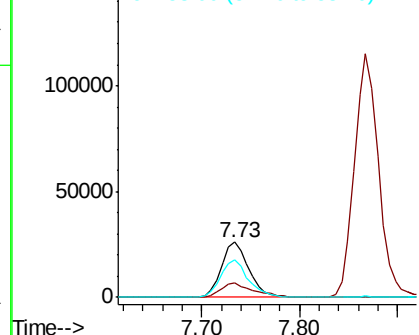
#49
1,4-Dioxane
Concen: 922.510 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX013035.D
Acq: 11 Oct 2019 22:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 50423
Ion Ratio Lower Upper
88 100
43 31.9 25.0 37.6
58 69.6 55.4 83.2

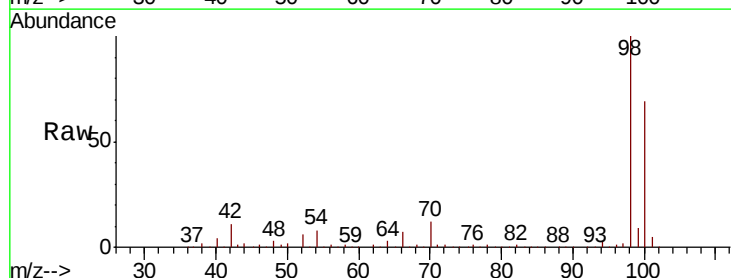


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

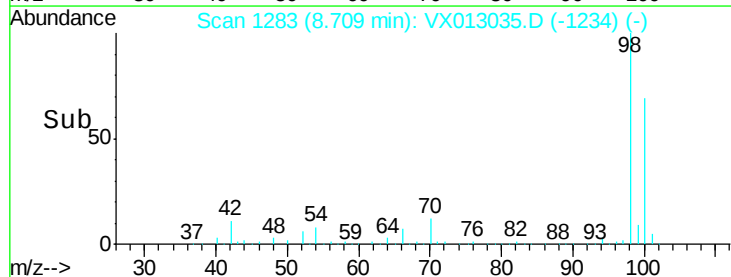
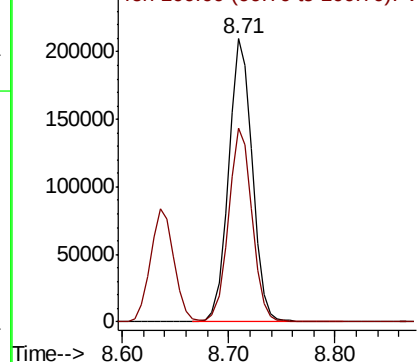


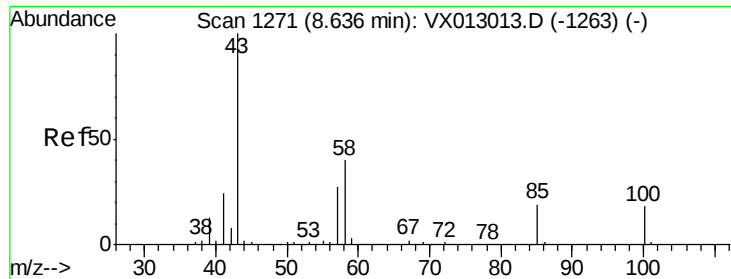
#50
Toluene-d8
Concen: 54.816 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013035.D
Acq: 11 Oct 2019 22:33

Tgt Ion: 98 Resp: 326026
Ion Ratio Lower Upper
98 100
100 68.1 53.4 80.2



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





#51

4-Methyl-2-Pentanone

Concen: 284.502 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX013035.D

Acq: 11 Oct 2019 22:33

Instrument :

MSVOA_X

ClientSampleId :

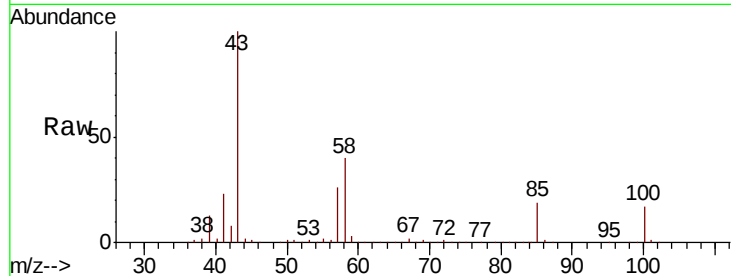
VSTDCCC050EC

Tot Ion: 43 Resp: 743661

Ion Ratio Lower Upper

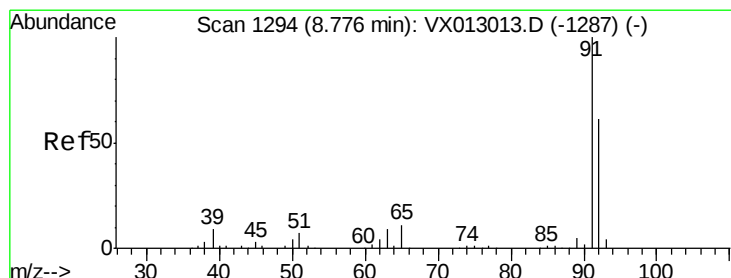
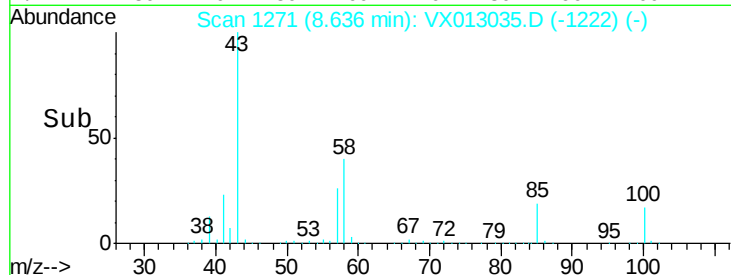
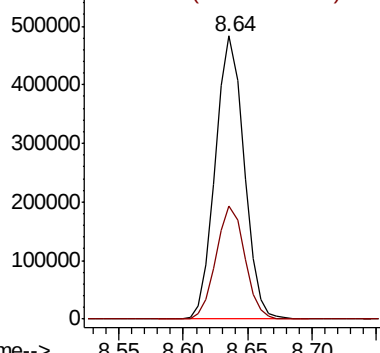
43 100

58 39.9 32.4 48.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 56.500 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX013035.D

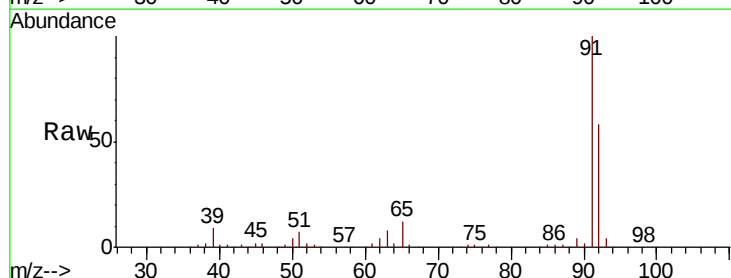
Acq: 11 Oct 2019 22:33

Tgt Ion: 92 Resp: 249386

Ion Ratio Lower Upper

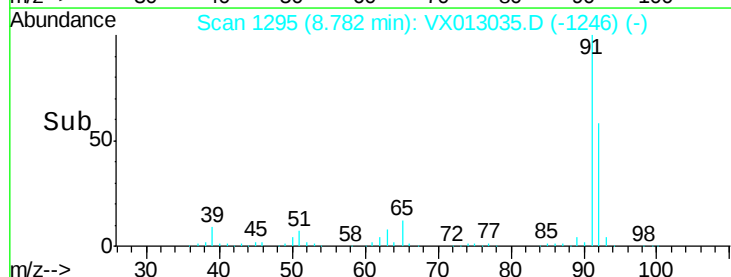
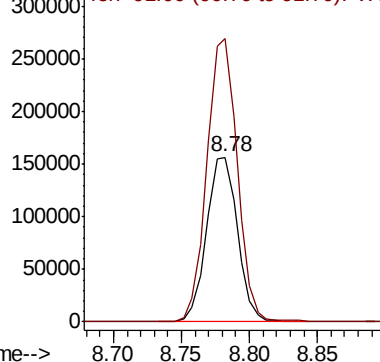
92 100

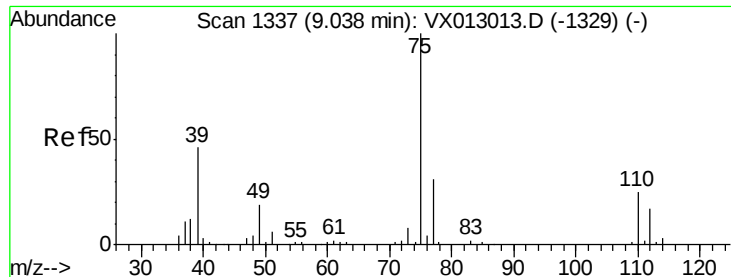
91 168.8 135.9 203.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

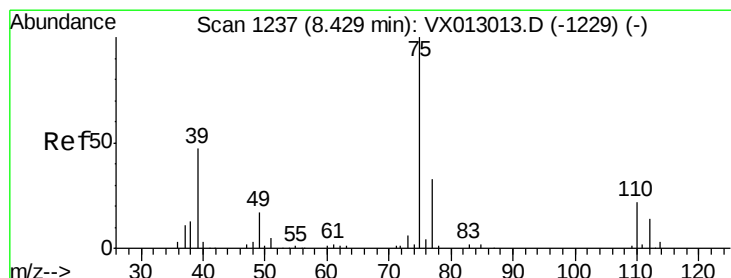
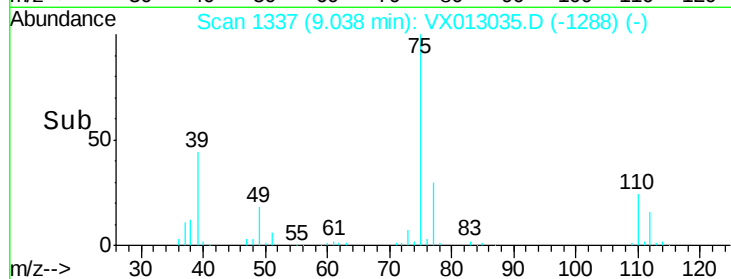
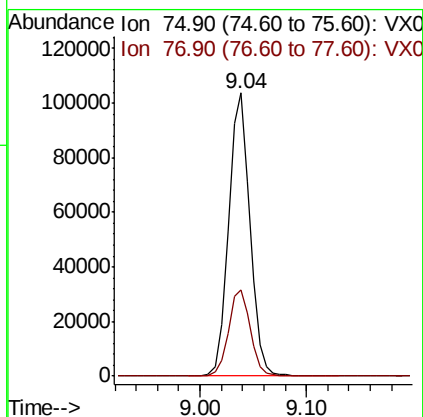
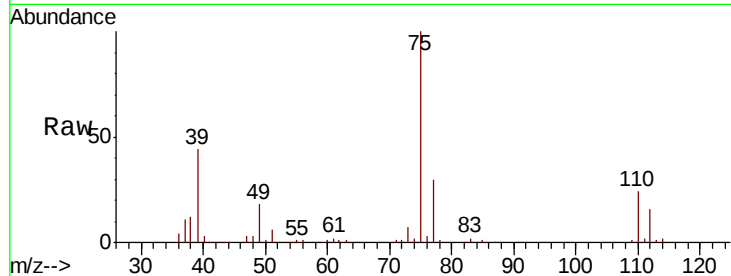




#53
 t-1,3-Dichloropropene
 Concen: 50.899 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VX013035.D
 Acq: 11 Oct 2019 22:33

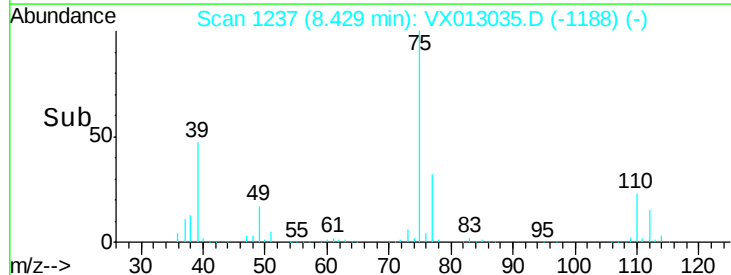
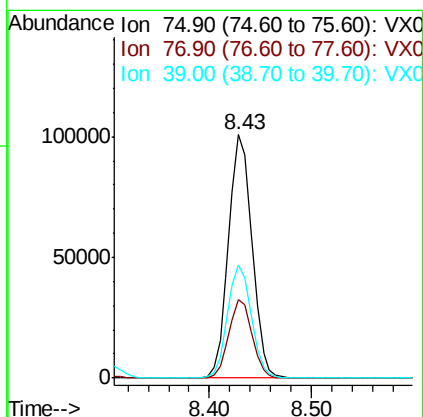
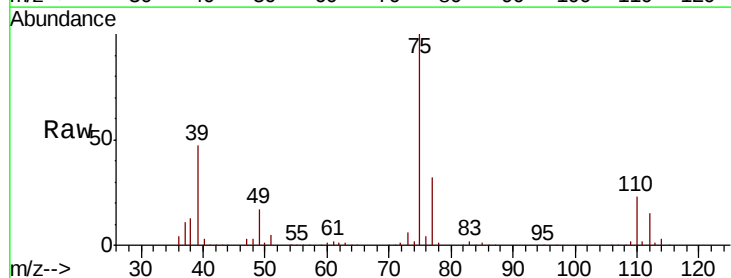
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

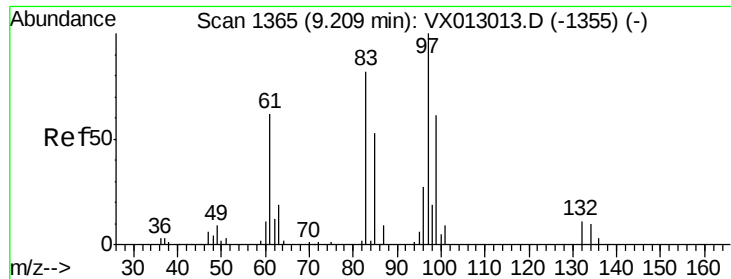
Tot Ion: 75 Resp: 145343
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 57.293 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX013035.D
 Acq: 11 Oct 2019 22:33

Tgt Ion: 75 Resp: 161106
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.8 38.8
 39 46.6 38.2 57.2

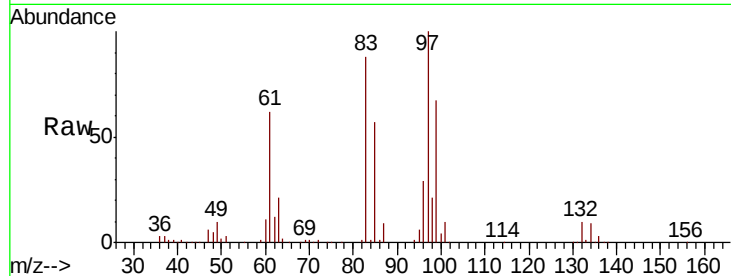




#55
 1,1,2-Trichloroethane
 Concen: 57.714 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013035.D
 Acq: 11 Oct 2019 22:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	100813
Ion	Ratio	Lower	Upper
97	100		
83	87.7	66.5	99.7
85	56.7	43.1	64.7
99	66.6	49.2	73.8



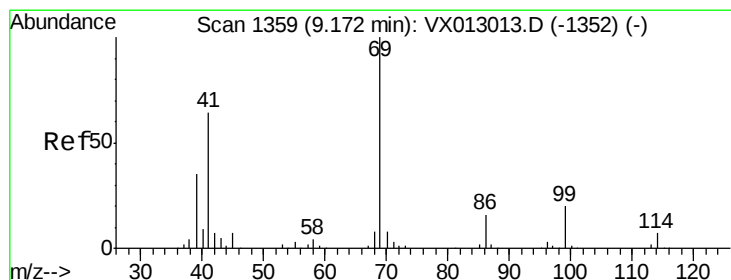
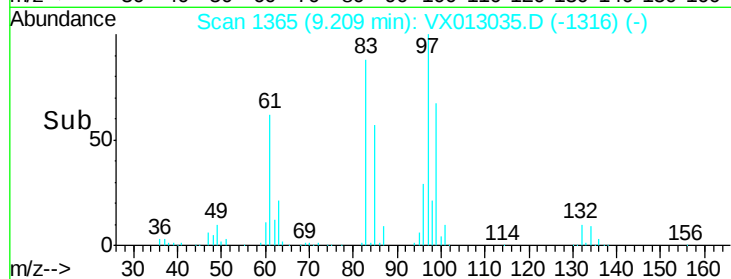
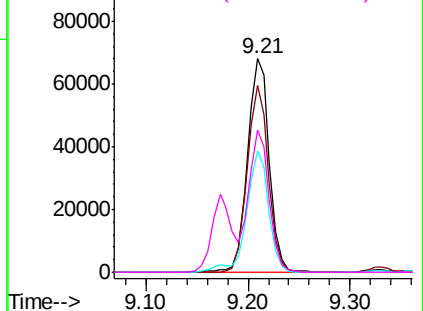
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

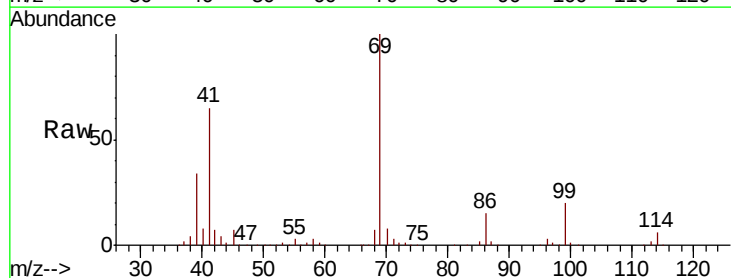
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 53.148 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013035.D
 Acq: 11 Oct 2019 22:33

Tgt Ion:	69	Resp:	166618
Ion	Ratio	Lower	Upper
69	100		
41	63.9	52.1	78.1
39	34.6	27.8	41.8

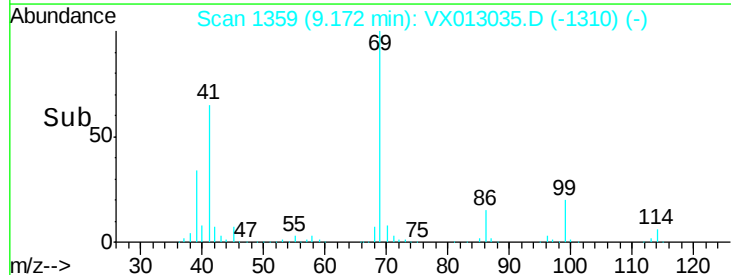
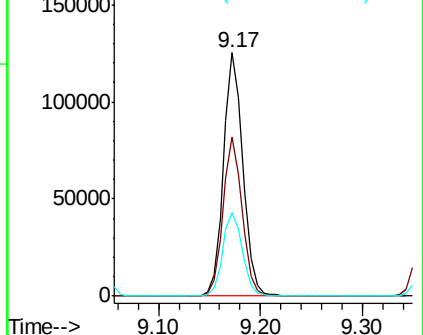


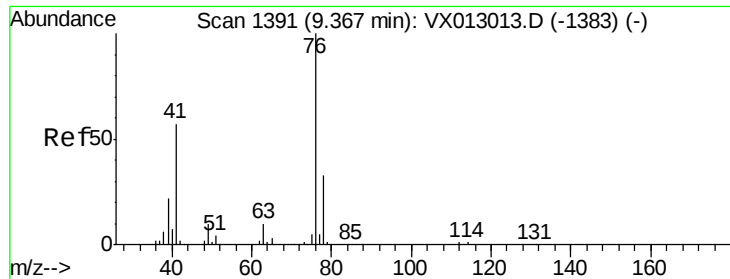
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 56.664 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX013035.D

Acq: 11 Oct 2019 22:33

Instrument :

MSVOA_X

ClientSampleId :

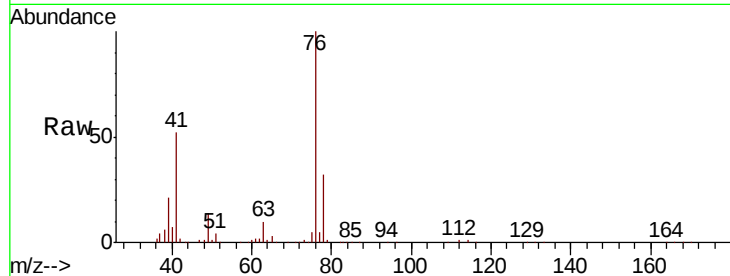
VSTDCCC050EC

Tot Ion: 76 Resp: 171215

Ion Ratio Lower Upper

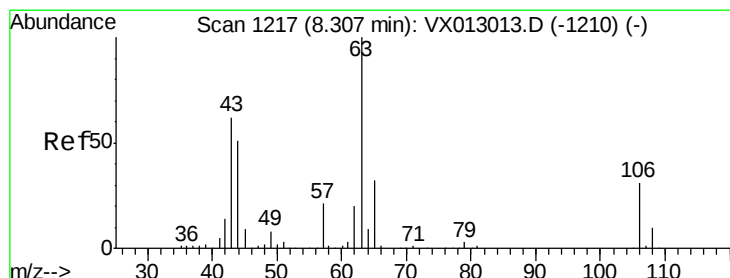
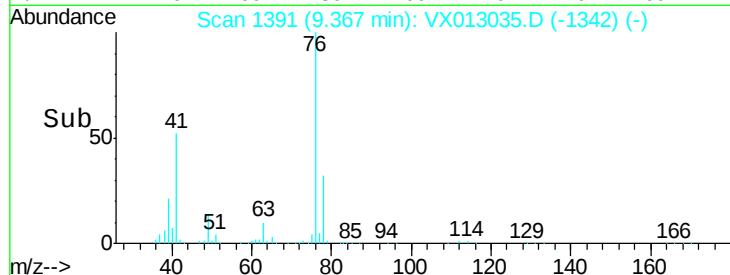
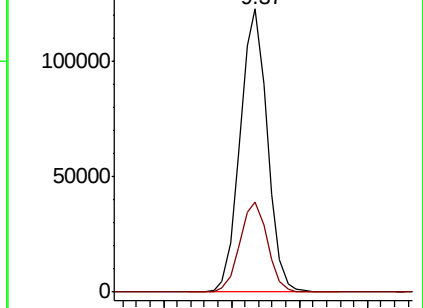
76 100

78 32.3 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 293.625 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX013035.D

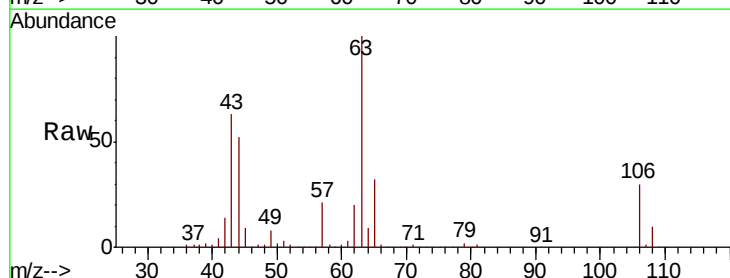
Acq: 11 Oct 2019 22:33

Tgt Ion: 63 Resp: 376785

Ion Ratio Lower Upper

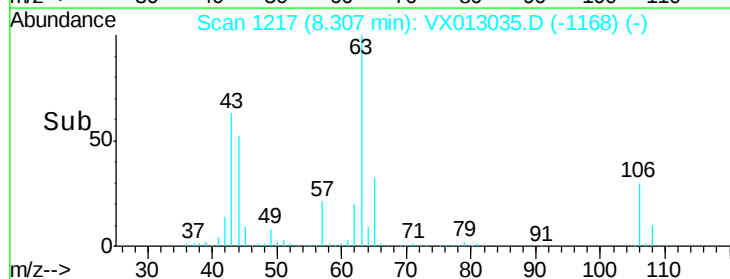
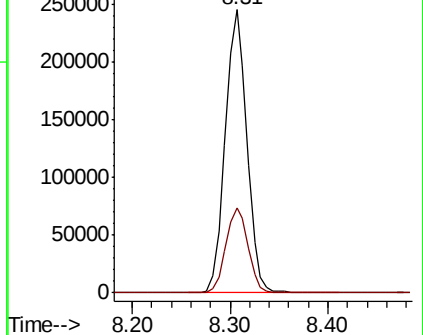
63 100

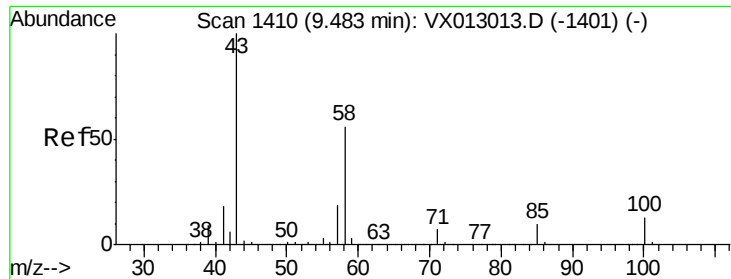
106 30.6 23.8 35.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

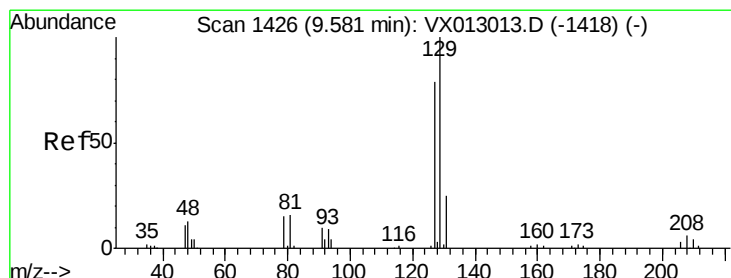
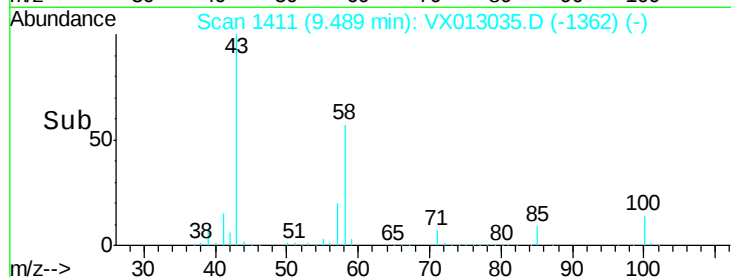
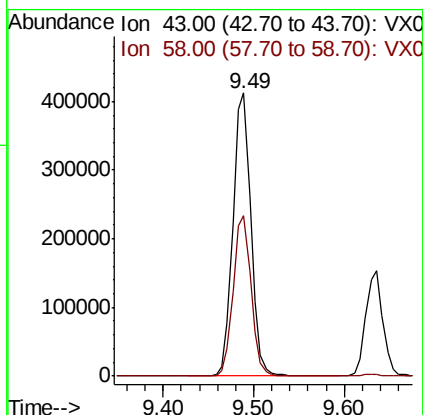
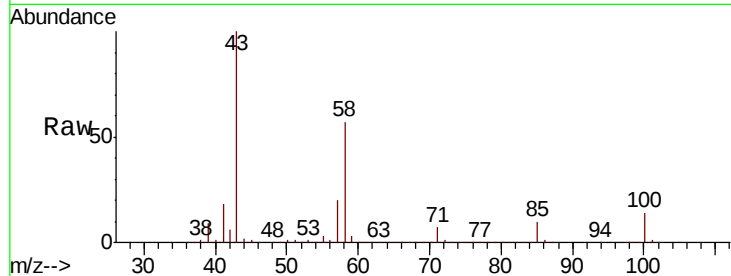




#59
2-Hexanone
Concen: 278.201 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX013035.D
Acq: 11 Oct 2019 22:33

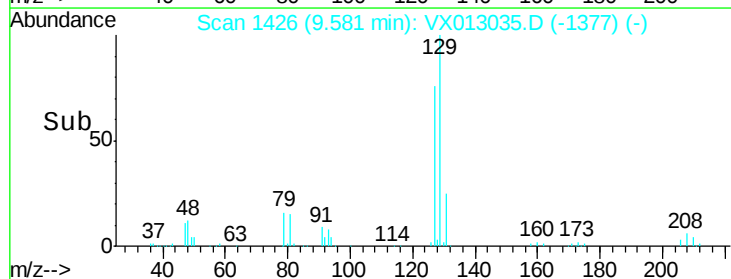
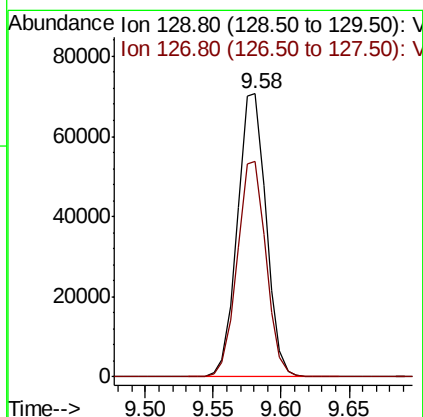
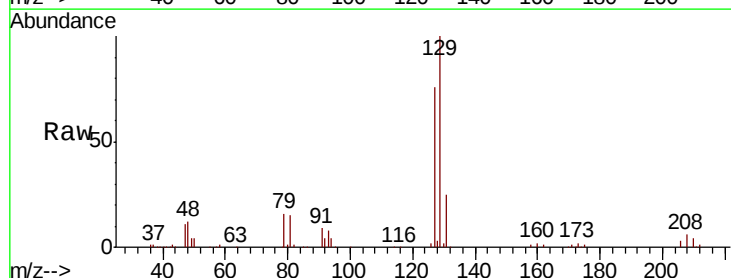
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

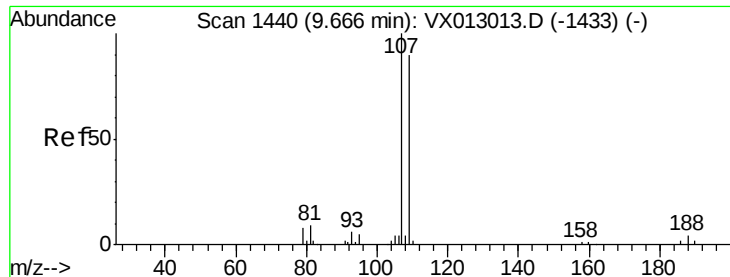
Tot Ion: 43 Resp: 566072
Ion Ratio Lower Upper
43 100
58 56.8 28.1 84.3



#60
Dibromochloromethane
Concen: 53.267 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX013035.D
Acq: 11 Oct 2019 22:33

Tgt Ion: 129 Resp: 103789
Ion Ratio Lower Upper
129 100
127 76.3 38.9 116.7





#61

1,2-Dibromoethane

Concen: 57.584 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013035.D

Acq: 11 Oct 2019 22:33

Instrument :

MSVOA_X

ClientSampleId :

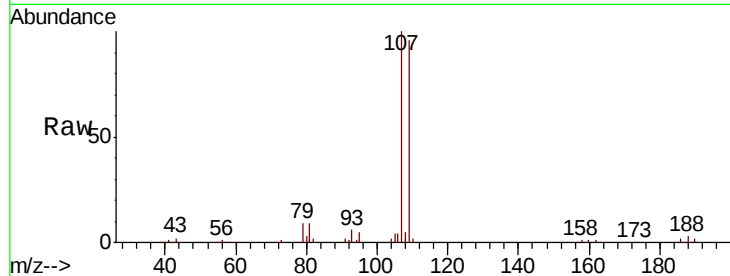
VSTDCCC050EC

Tot Ion:107 Resp: 105812

Ion Ratio Lower Upper

107 100

109 94.6 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

80000

60000

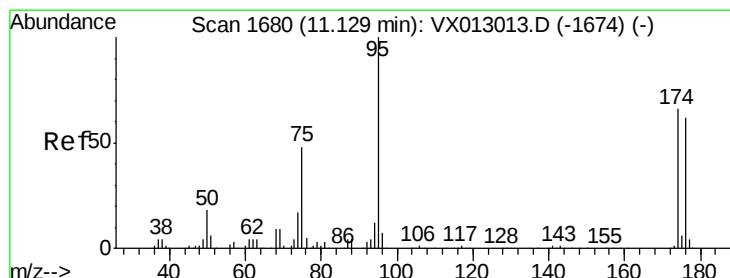
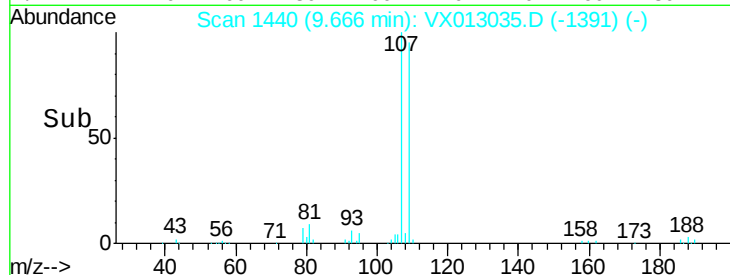
40000

20000

0

9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 55.615 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013035.D

Acq: 11 Oct 2019 22:33

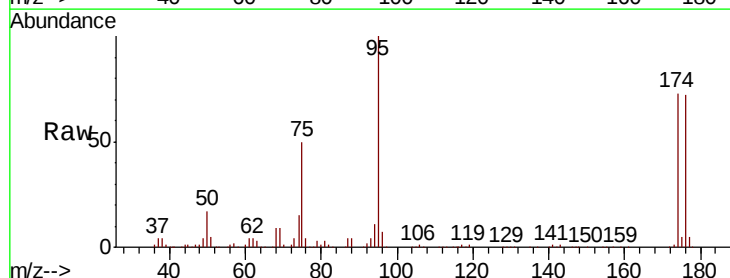
Tgt Ion: 95 Resp: 128525

Ion Ratio Lower Upper

95 100

174 72.6 0.0 143.4

176 69.9 0.0 136.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

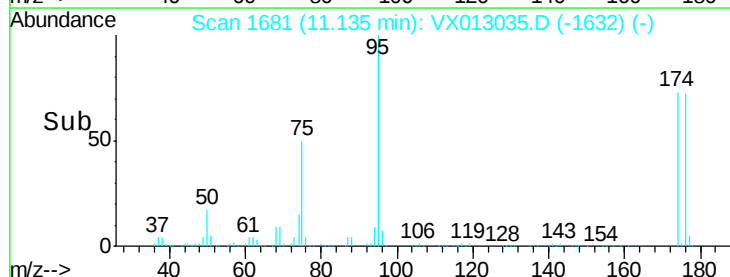
100000

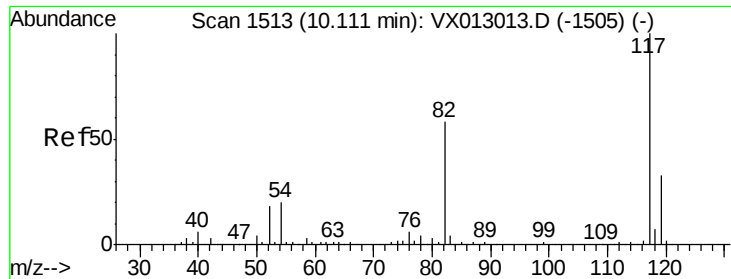
50000

0

11.05 11.10 11.15 11.20

Time-->

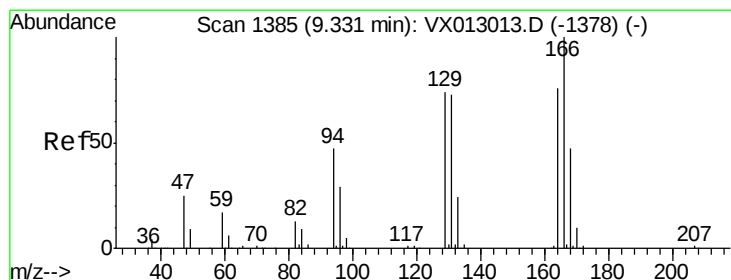
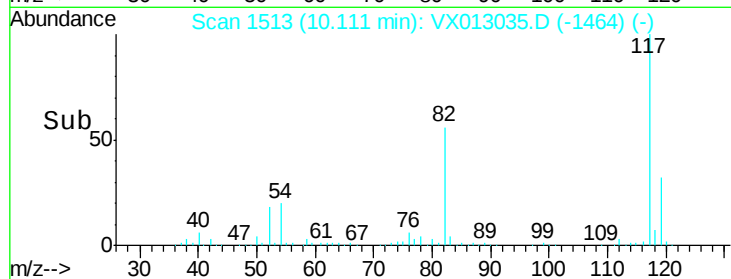
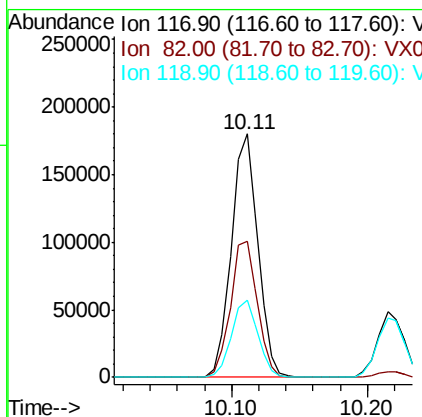
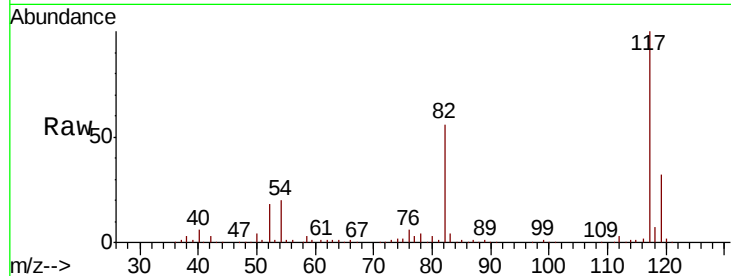




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013035.D
Acq: 11 Oct 2019 22:33

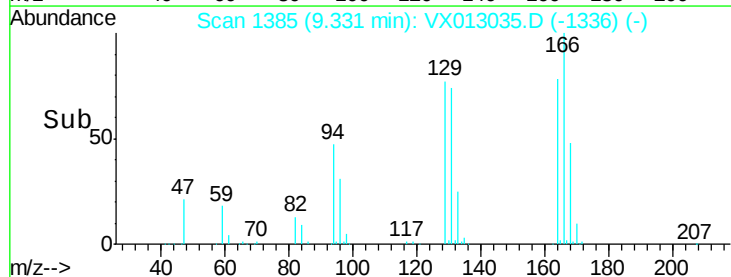
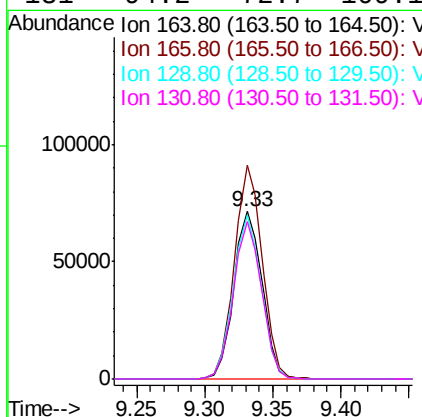
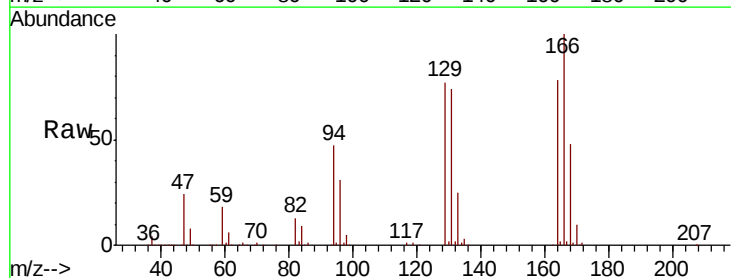
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

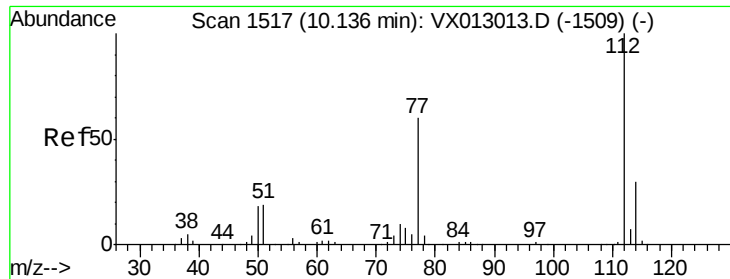
Tot Ion:117 Resp: 244226
Ion Ratio Lower Upper
117 100
82 56.0 44.1 66.1
119 31.9 25.8 38.8



#64
Tetrachloroethene
Concen: 61.198 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013035.D
Acq: 11 Oct 2019 22:33

Tgt Ion:164 Resp: 103666
Ion Ratio Lower Upper
164 100
166 127.7 96.9 145.3
129 97.8 77.9 116.9
131 94.2 72.7 109.1

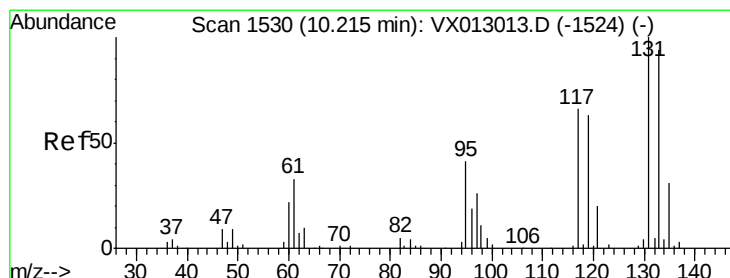
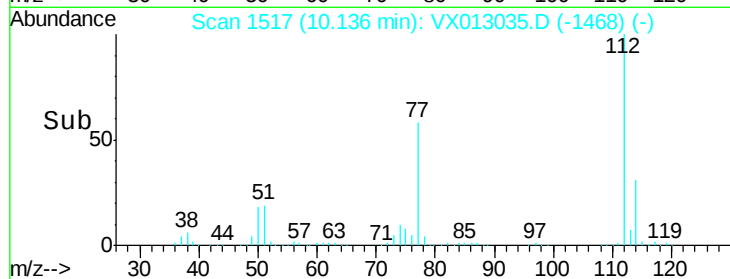
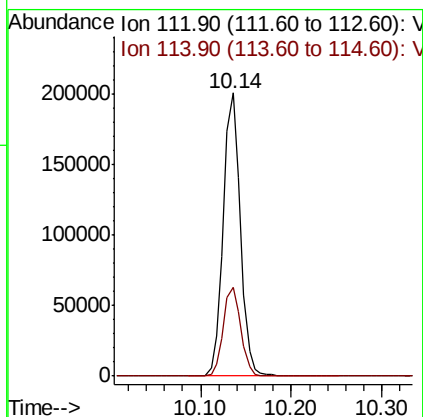
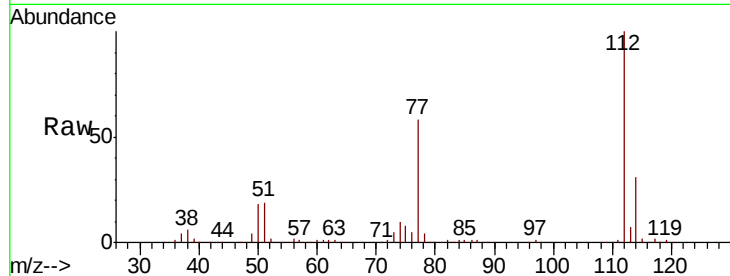




#65
Chlorobenzene
Concen: 54.453 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX013035.D
Acq: 11 Oct 2019 22:33

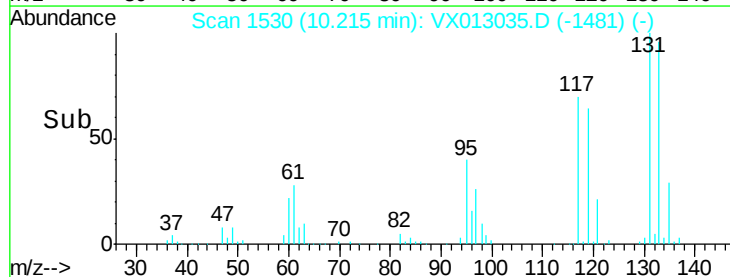
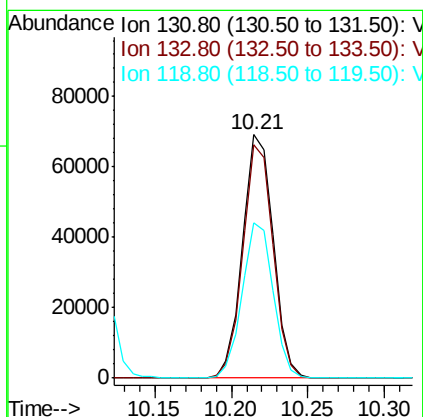
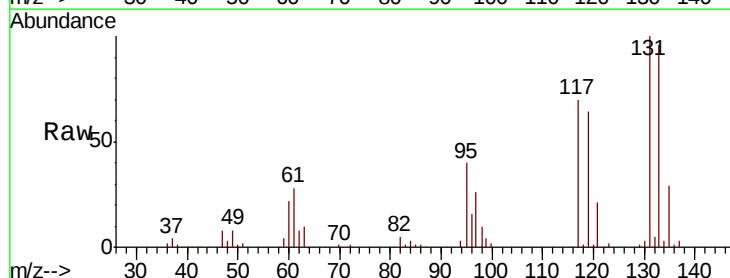
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

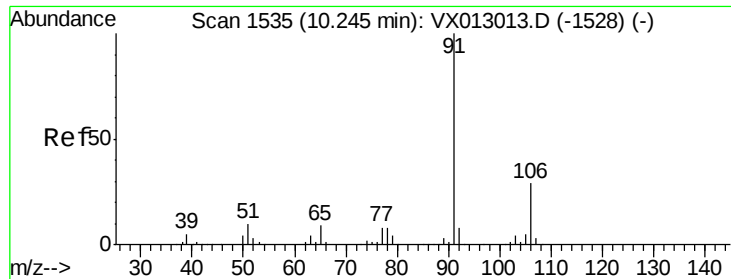
Tot Ion:112 Resp: 264093
Ion Ratio Lower Upper
112 100
114 31.5 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 57.231 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX013035.D
Acq: 11 Oct 2019 22:33

Tgt Ion:131 Resp: 96239
Ion Ratio Lower Upper
131 100
133 94.8 47.2 141.6
119 64.3 32.6 98.0

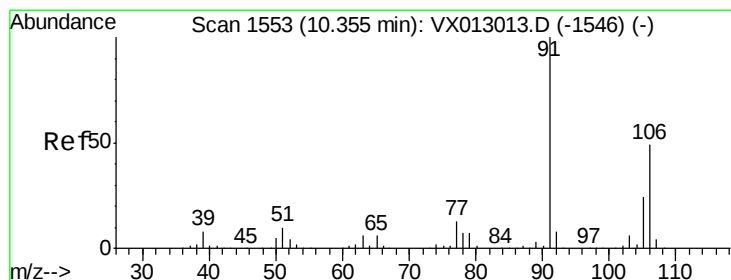
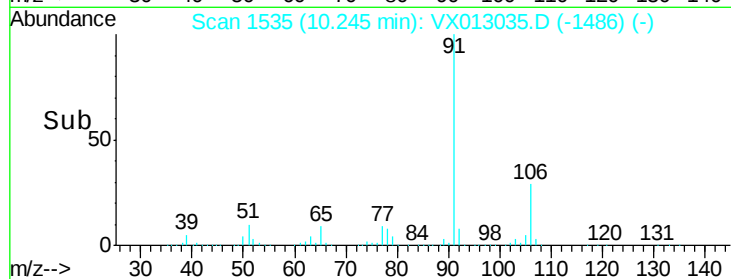
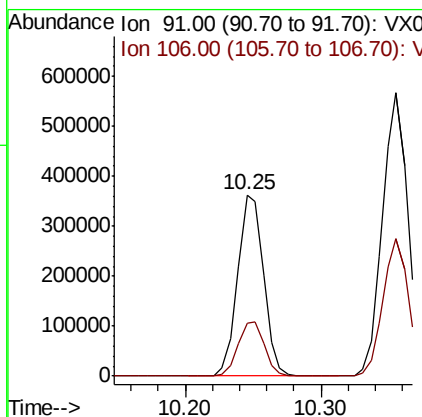
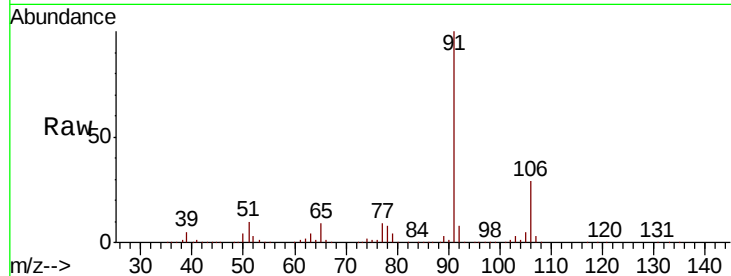




#67
Ethyl Benzene
Concen: 56.113 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX013035.D
Acq: 11 Oct 2019 22:33

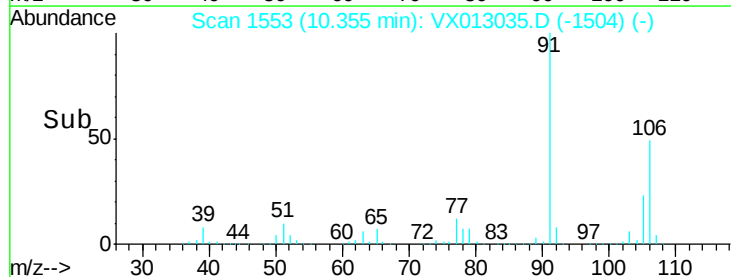
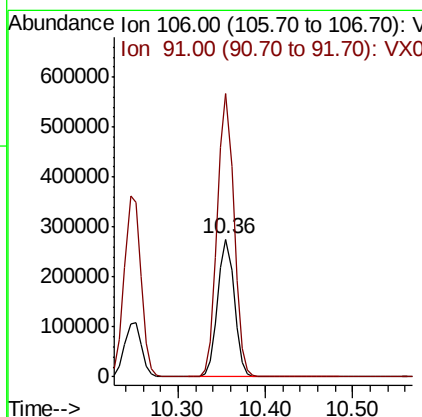
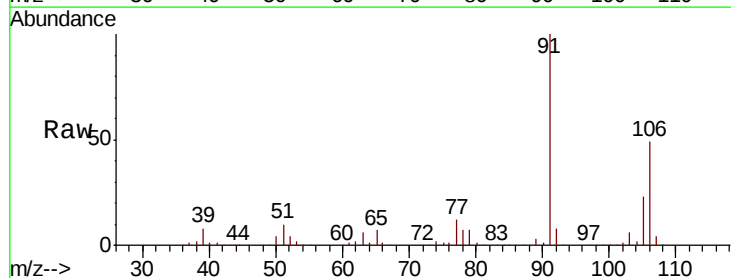
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

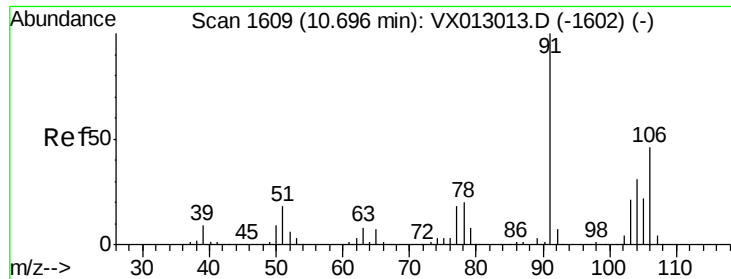
Tot Ion: 91 Resp: 483406
Ion Ratio Lower Upper
91 100
106 29.3 23.9 35.9



#68
m/p-Xylenes
Concen: 112.564 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013035.D
Acq: 11 Oct 2019 22:33

Tgt Ion: 106 Resp: 362272
Ion Ratio Lower Upper
106 100
91 206.1 165.3 247.9

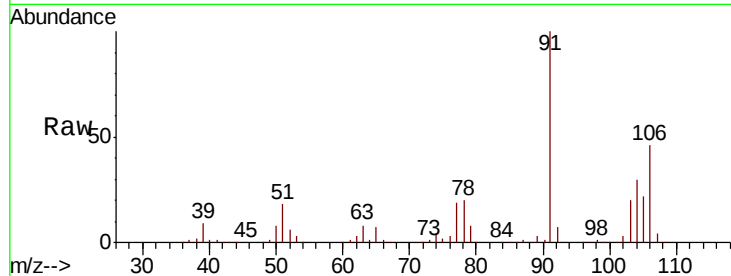




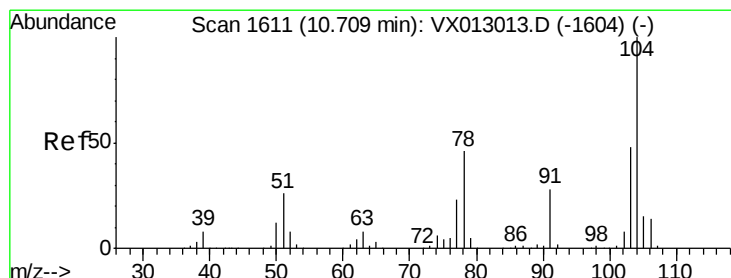
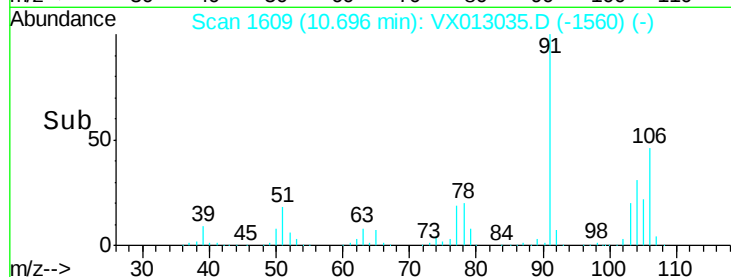
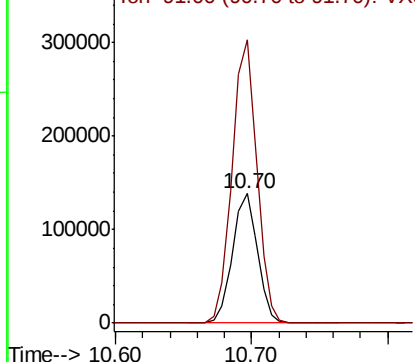
#69
o-Xylene
Concen: 56.516 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013035.D
Acq: 11 Oct 2019 22:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 177373
Ion Ratio Lower Upper
106 100
91 216.9 109.1 327.3

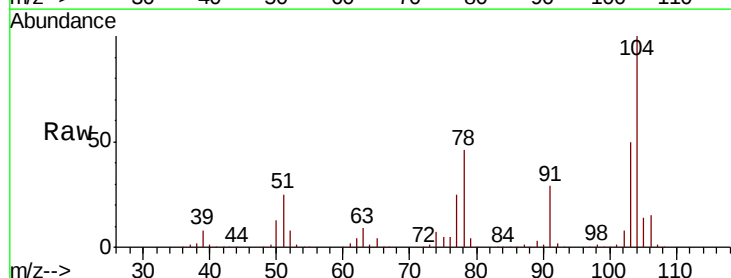


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

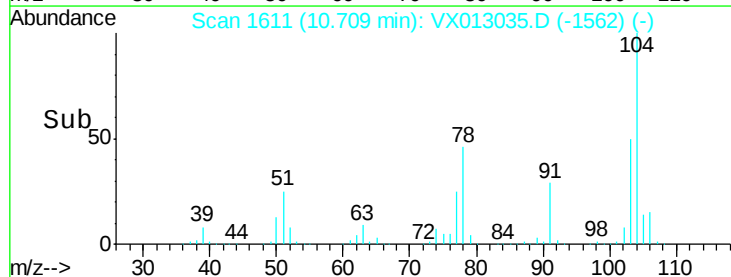
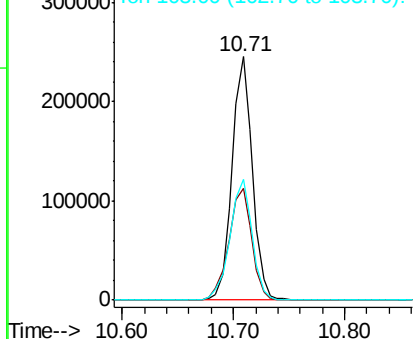


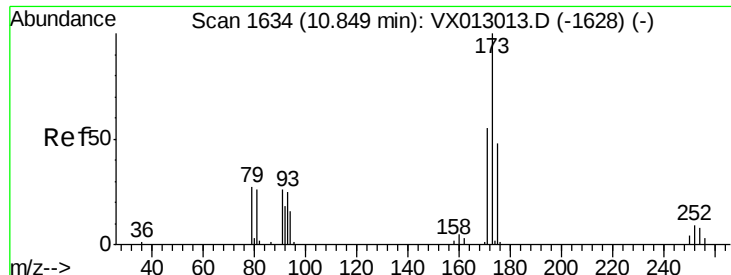
#70
Styrene
Concen: 57.786 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013035.D
Acq: 11 Oct 2019 22:33

Tgt Ion:104 Resp: 308316
Ion Ratio Lower Upper
104 100
78 52.0 41.2 61.8
103 54.0 43.0 64.4



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





#71

Bromoform

Concen: 49.164 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013035.D

Acq: 11 Oct 2019 22:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

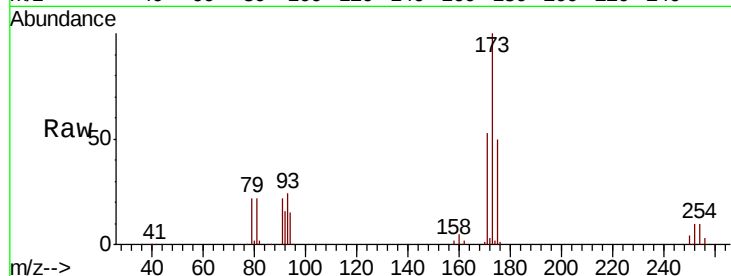
Tot Ion:173 Resp: 70349

Ion Ratio Lower Upper

173 100

175 48.5 24.1 72.3

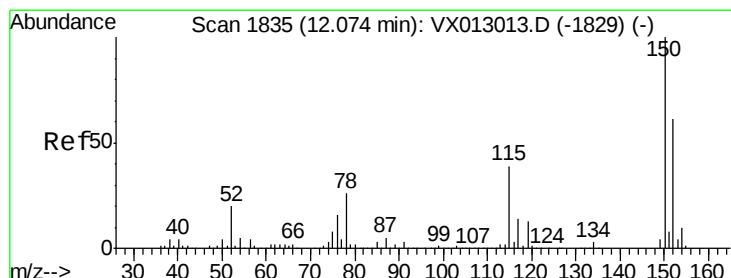
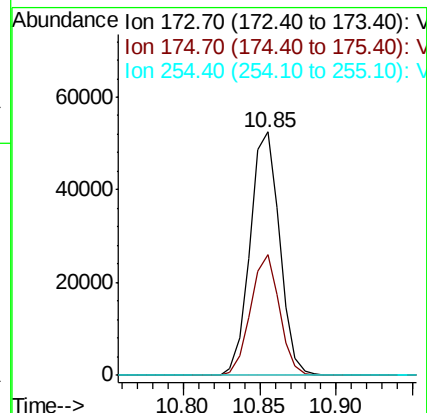
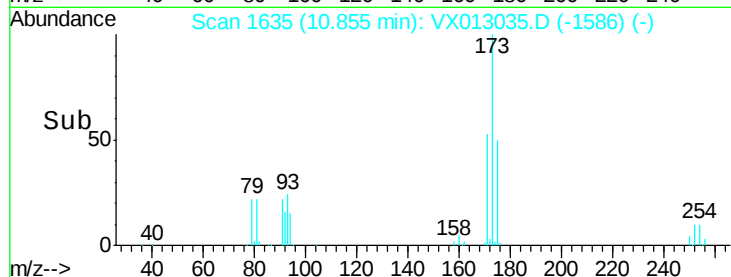
254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013035.D

Acq: 11 Oct 2019 22:33

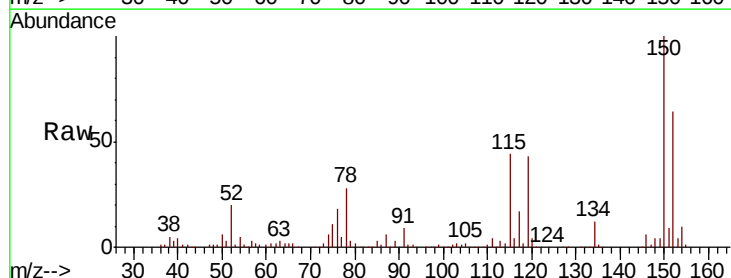
Tgt Ion:152 Resp: 115835

Ion Ratio Lower Upper

152 100

115 89.9 44.5 133.5

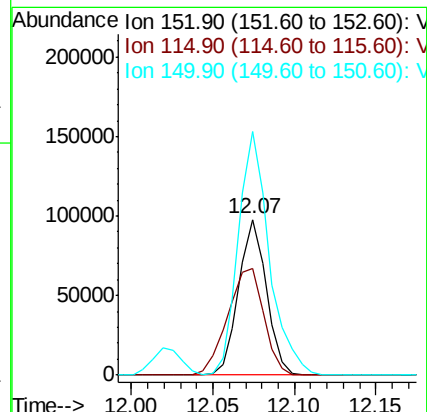
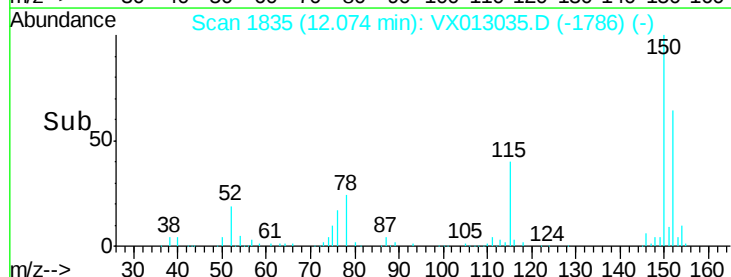
150 175.1 0.0 353.4

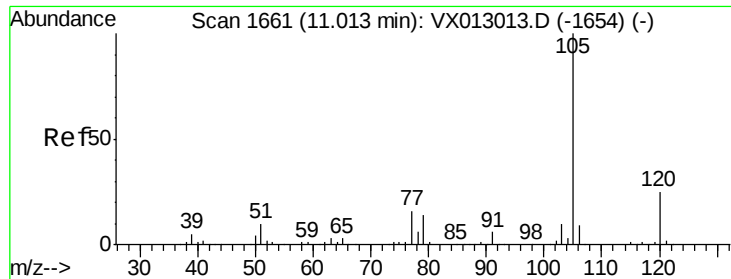


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 55.680 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX013035.D

Acq: 11 Oct 2019 22:33

Instrument :

MSVOA_X

ClientSampleId :

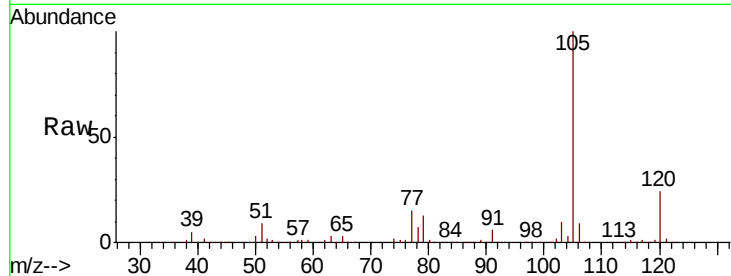
VSTDCCC050EC

Tot Ion:105 Resp: 474197

Ion Ratio Lower Upper

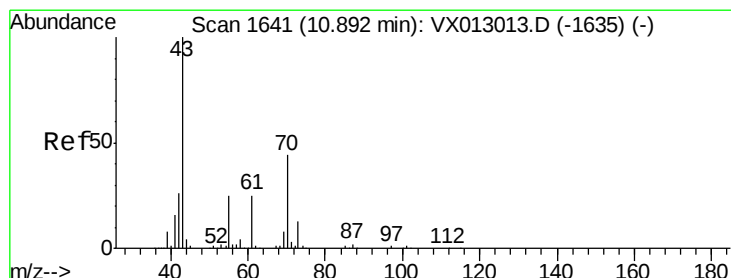
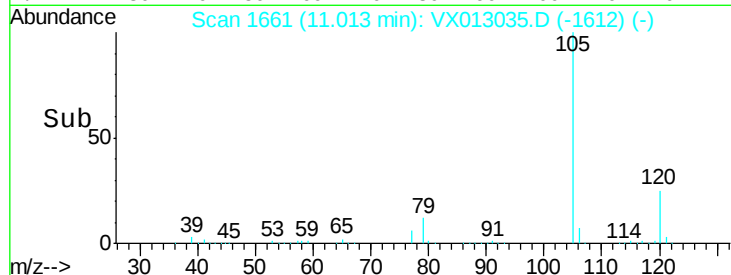
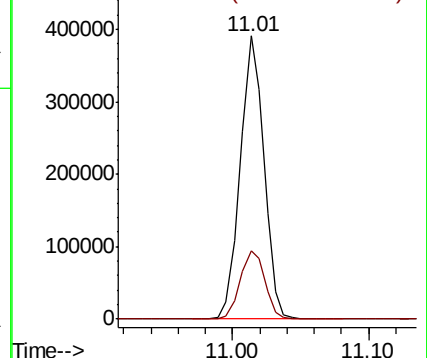
105 100

120 25.2 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 54.975 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013035.D

Acq: 11 Oct 2019 22:33

Tgt Ion: 43 Resp: 201637

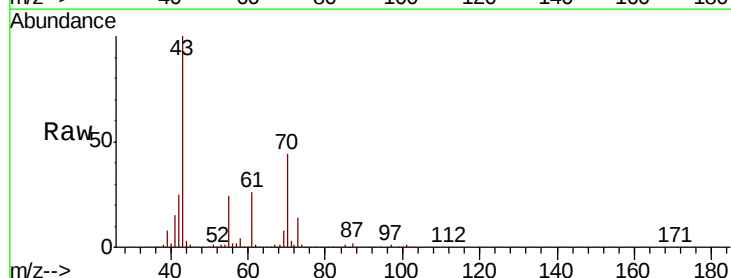
Ion Ratio Lower Upper

43 100

70 45.0 36.4 54.6

55 24.7 20.2 30.2

61 25.4 20.5 30.7

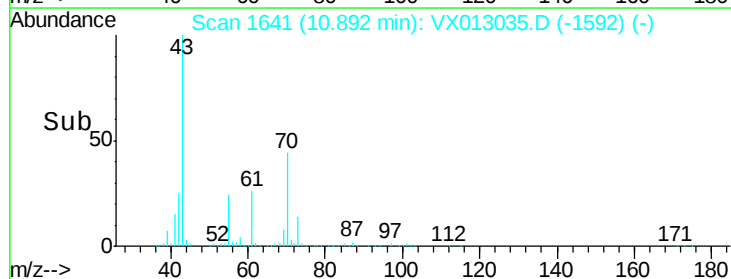
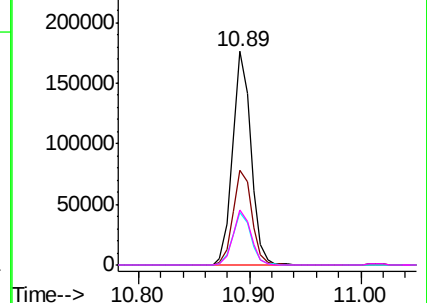


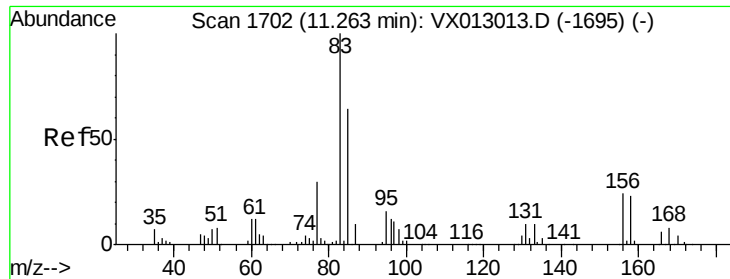
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.458 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013035.D

Acq: 11 Oct 2019 22:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

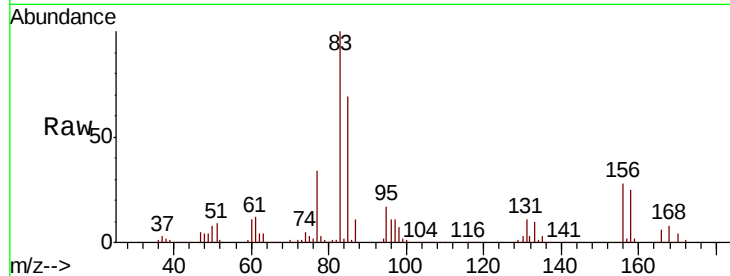
Tot Ion: 83 Resp: 145757

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.3

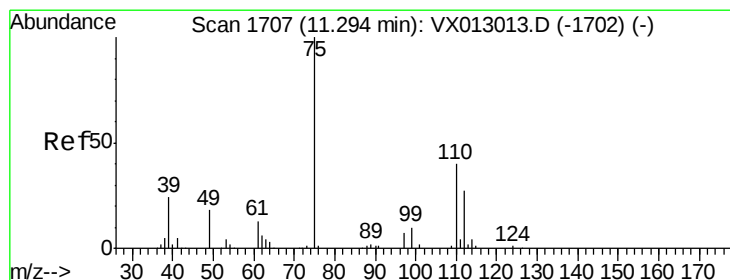
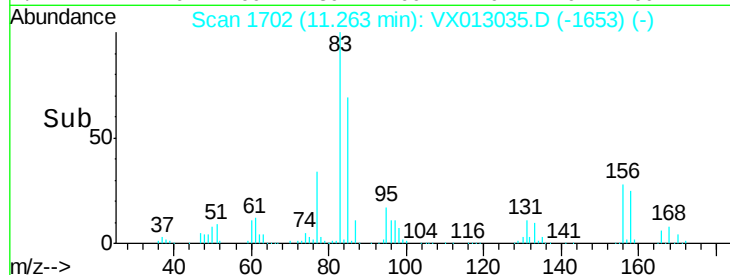
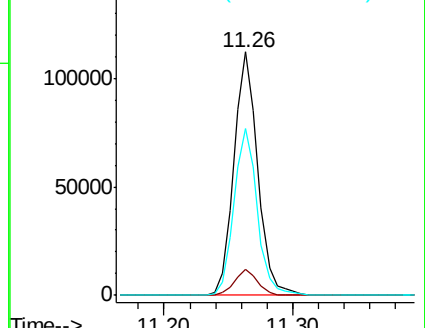
85 67.4 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 67.857 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX013035.D

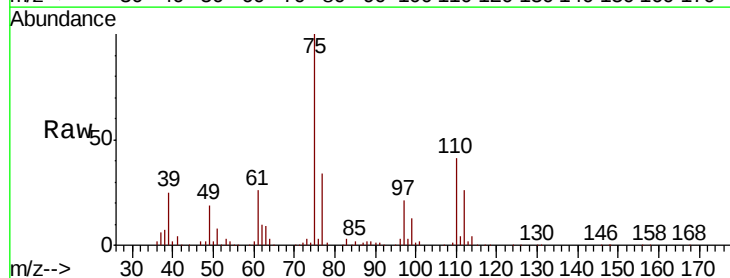
Acq: 11 Oct 2019 22:33

Tgt Ion: 75 Resp: 174338

Ion Ratio Lower Upper

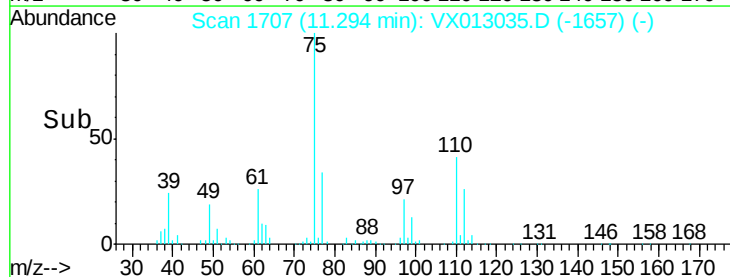
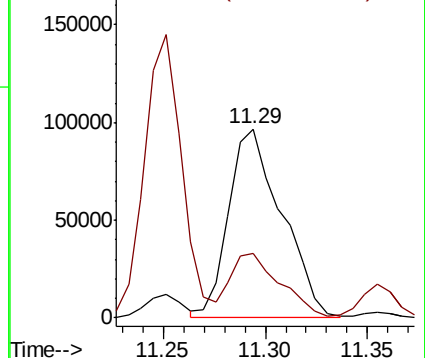
75 100

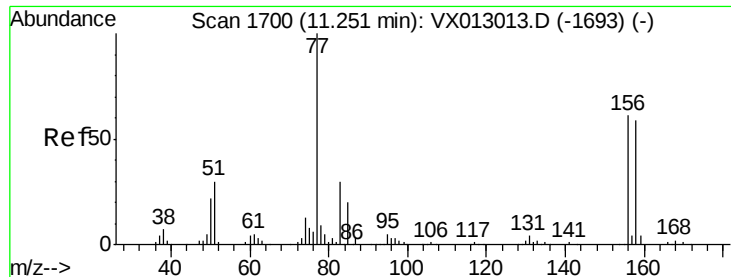
77 32.3 22.9 68.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 55.514 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013035.D

Acq: 11 Oct 2019 22:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

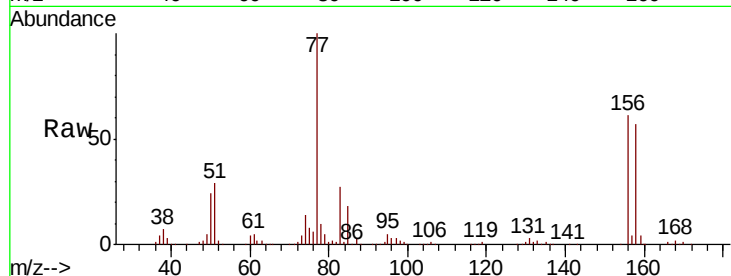
Tot Ion:156 Resp: 111410

Ion Ratio Lower Upper

156 100

77 166.1 83.7 251.0

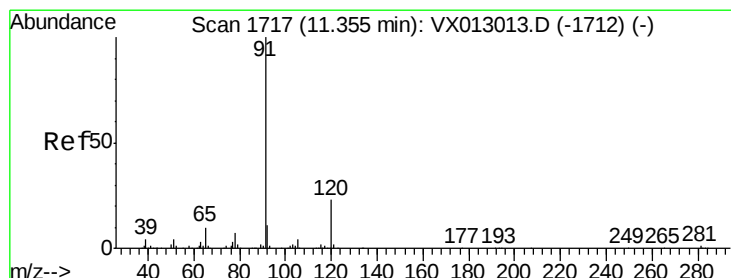
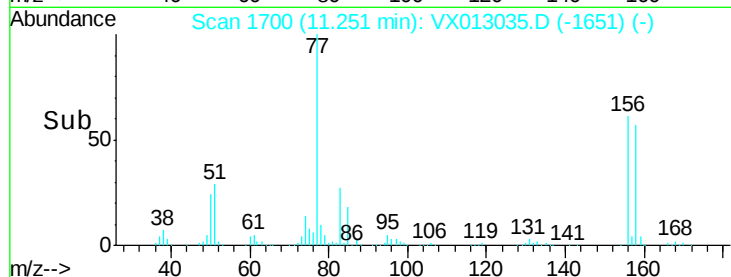
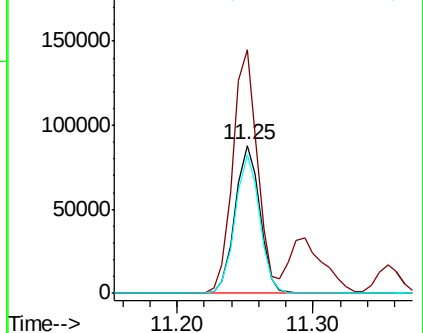
158 93.1 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 55.912 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013035.D

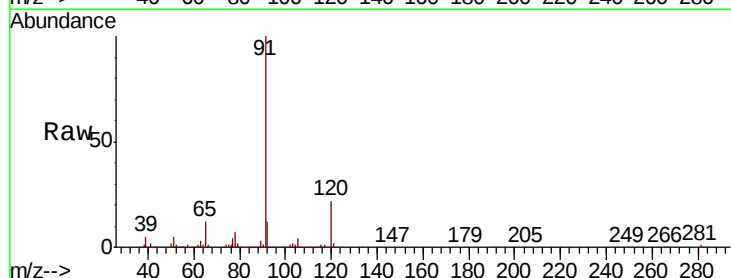
Acq: 11 Oct 2019 22:33

Tgt Ion: 91 Resp: 523961

Ion Ratio Lower Upper

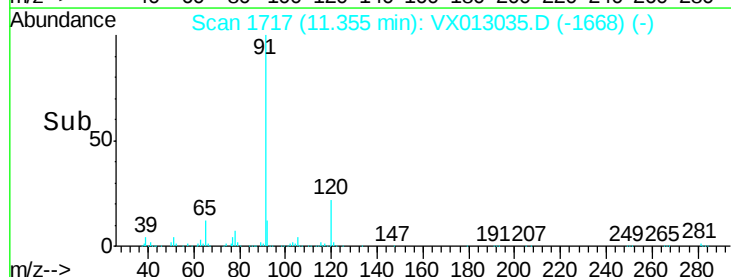
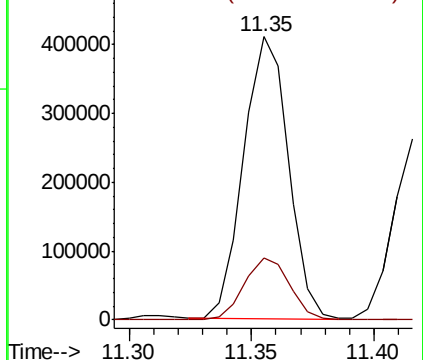
91 100

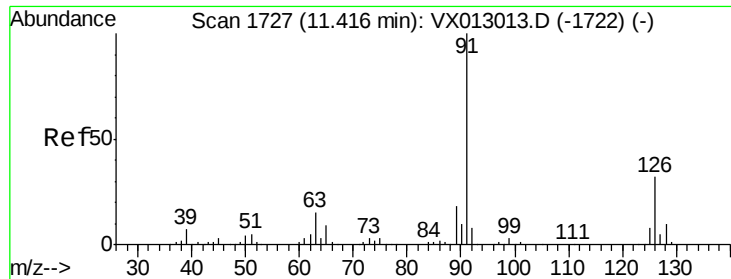
120 22.2 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

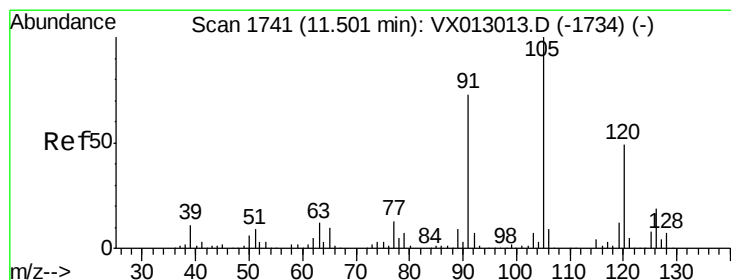
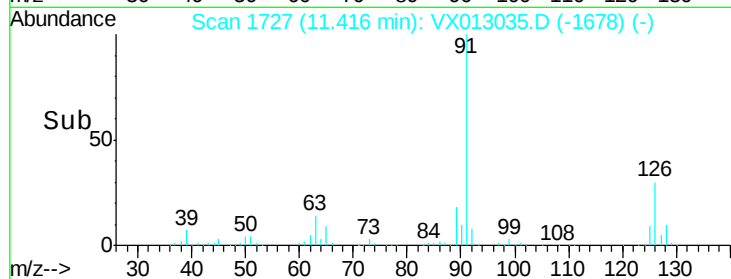
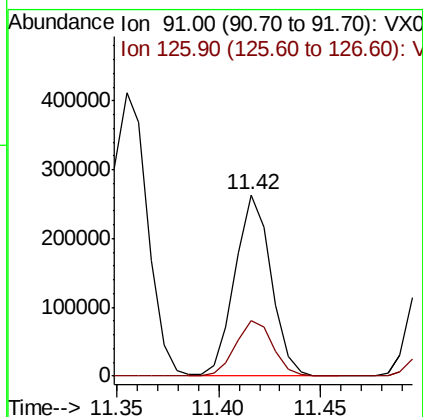
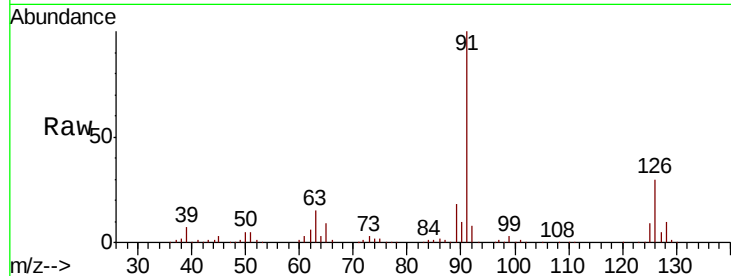




#79
 2-Chlorotoluene
 Concen: 54.708 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX013035.D
 Acq: 11 Oct 2019 22:33

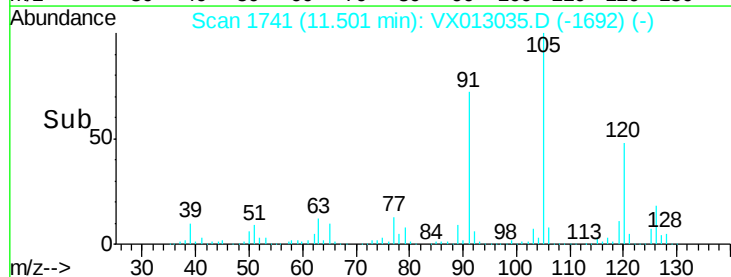
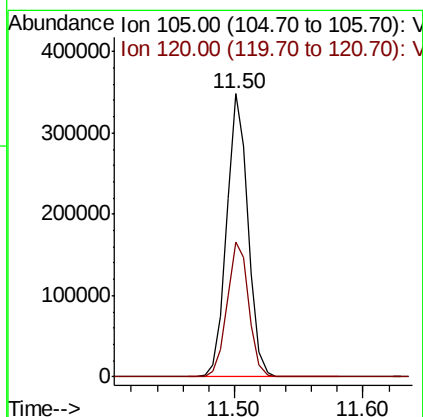
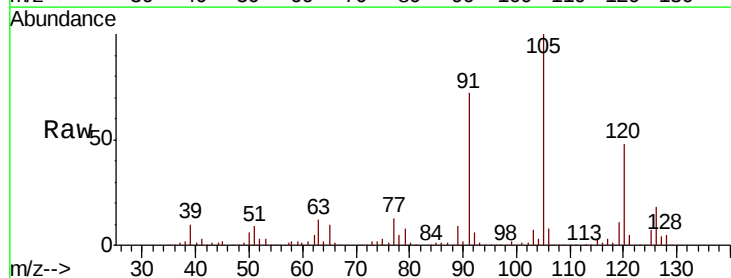
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

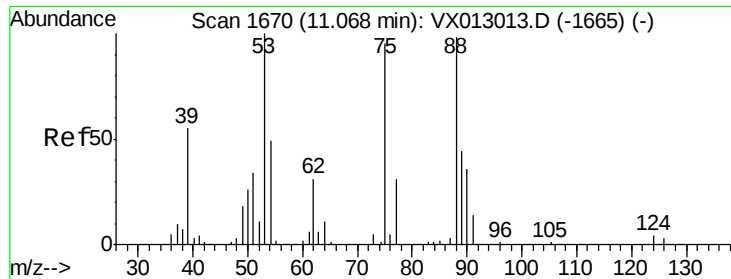
Tot Ion: 91 Resp: 322201
 Ion Ratio Lower Upper
 91 100
 126 31.4 16.3 48.8



#80
 1,3,5-Trimethylbenzene
 Concen: 56.938 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX013035.D
 Acq: 11 Oct 2019 22:33

Tgt Ion: 105 Resp: 404897
 Ion Ratio Lower Upper
 105 100
 120 48.3 24.8 74.3

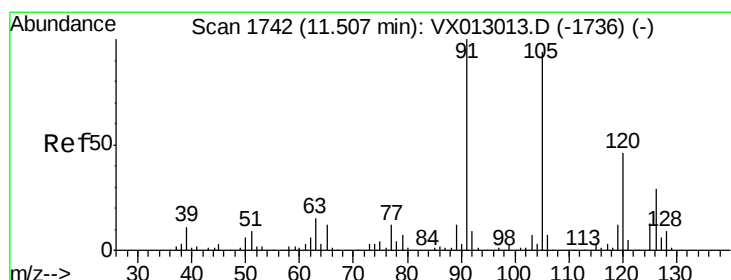
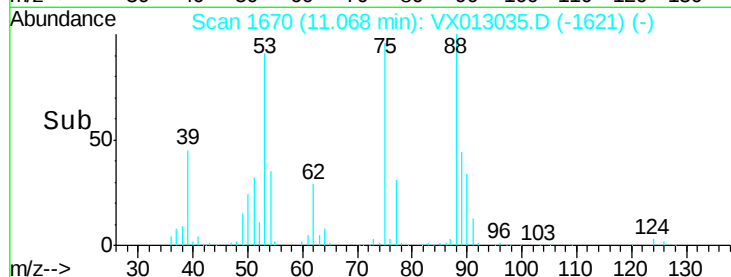
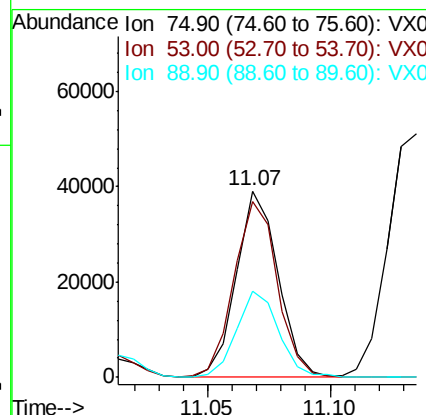
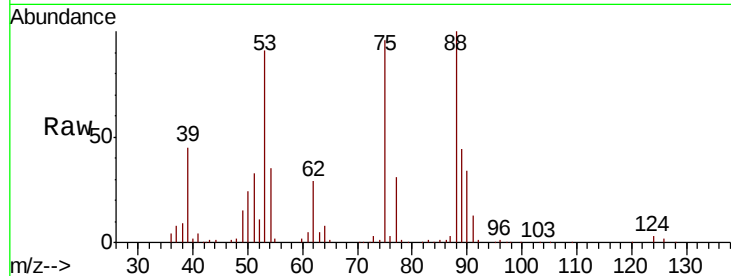




#81
trans-1,4-Dichloro-2-butene
Concen: 46.624 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX013035.D
Acq: 11 Oct 2019 22:33

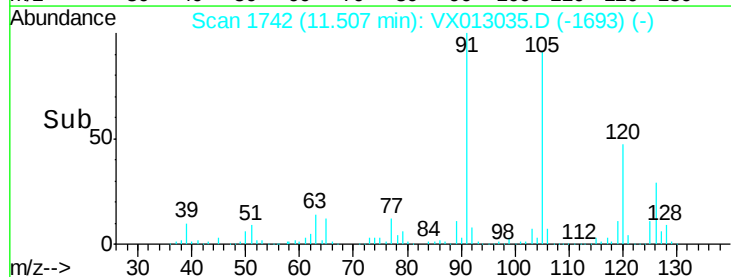
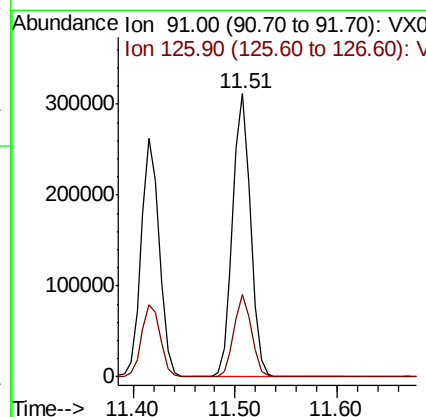
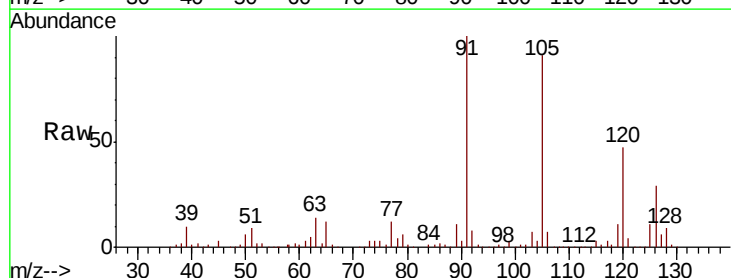
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

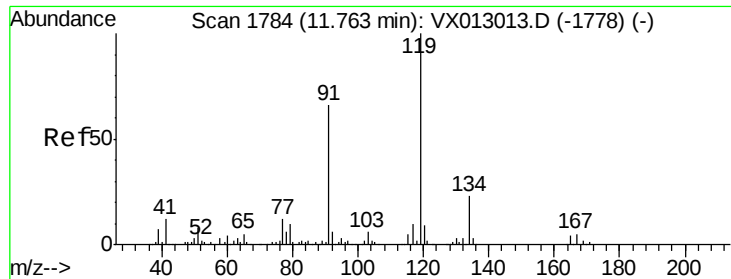
Tot Ion: 75 Resp: 46283
Ion Ratio Lower Upper
75 100
53 98.1 78.5 117.7
89 46.9 37.4 56.2



#82
4-Chlorotoluene
Concen: 55.906 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX013035.D
Acq: 11 Oct 2019 22:33

Tgt Ion: 91 Resp: 377392
Ion Ratio Lower Upper
91 100
126 28.4 14.2 42.6





#83

tert-Butylbenzene

Concen: 53.755 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX013035.D

Acq: 11 Oct 2019 22:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

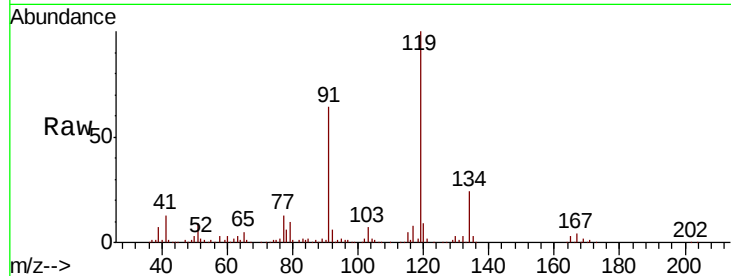
Tot Ion:119 Resp: 372894

Ion Ratio Lower Upper

119 100

91 61.7 29.3 87.9

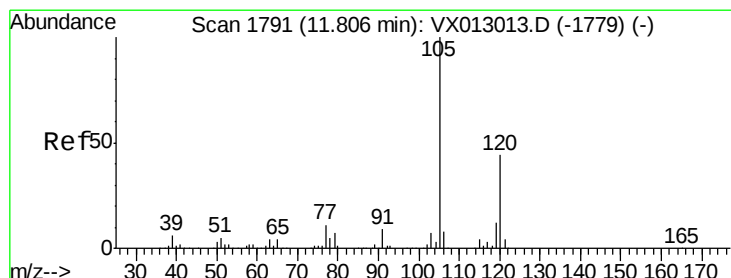
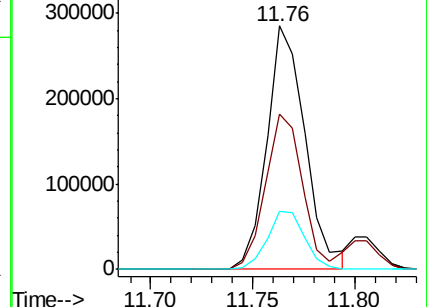
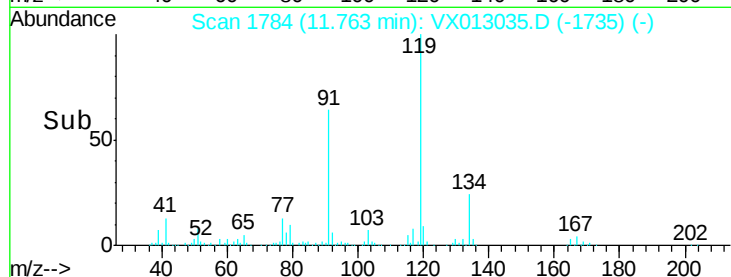
134 23.2 11.5 34.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 56.333 ug/l

RT: 11.81 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX013035.D

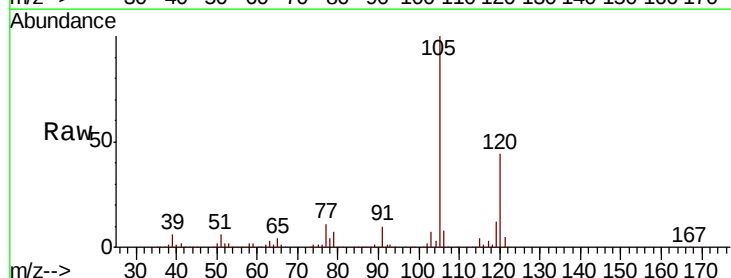
Acq: 11 Oct 2019 22:33

Tgt Ion:105 Resp: 405711

Ion Ratio Lower Upper

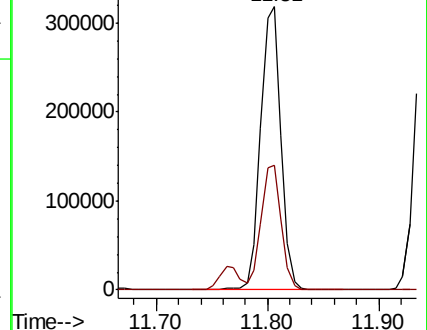
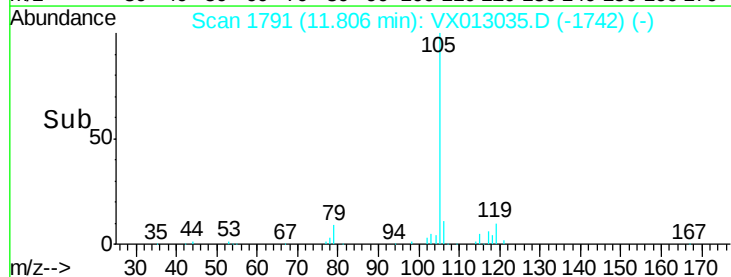
105 100

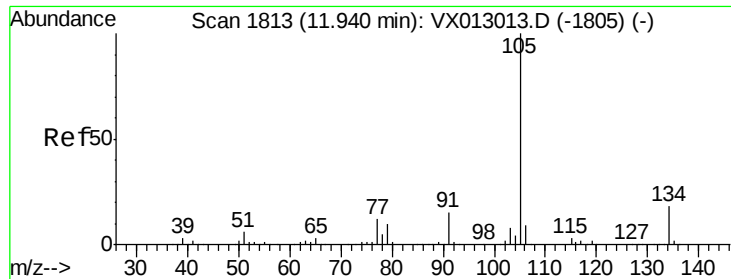
120 43.6 21.8 65.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

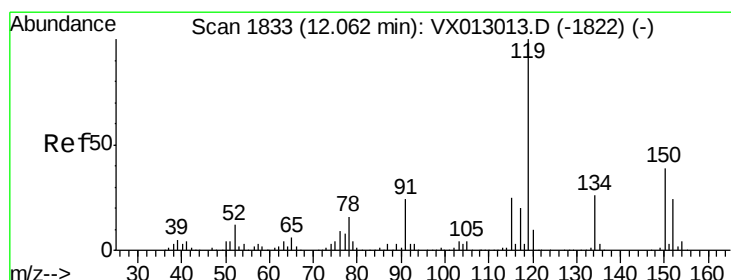
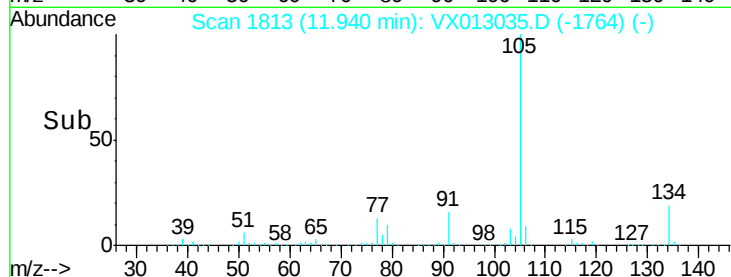
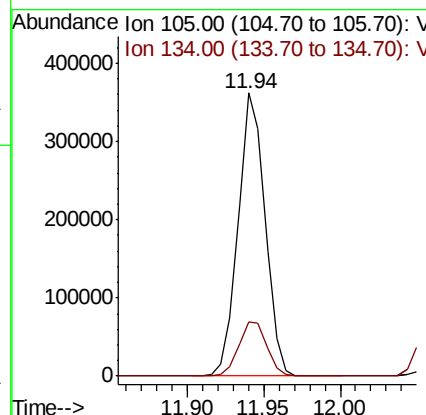
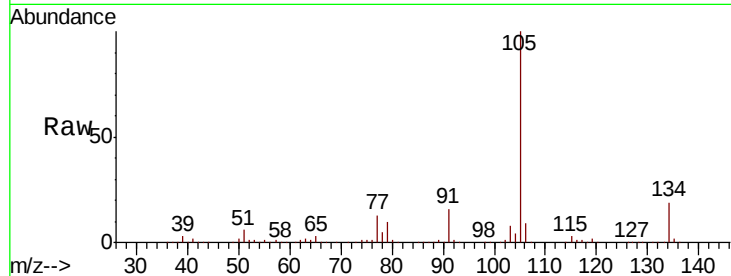




#85
 sec-Butylbenzene
 Concen: 54.972 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX013035.D
 Acq: 11 Oct 2019 22:33

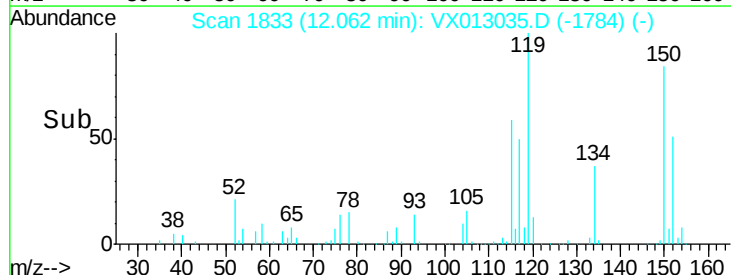
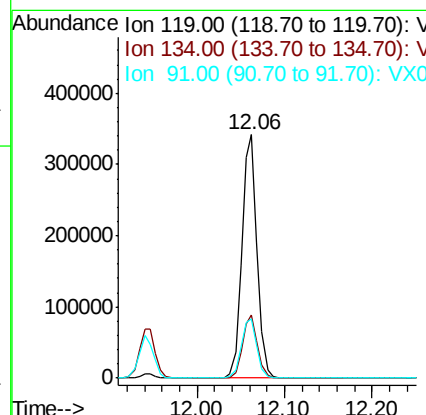
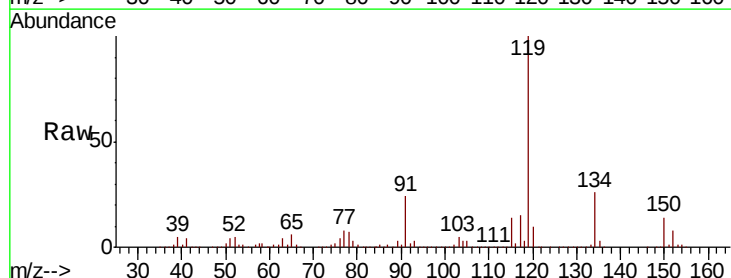
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

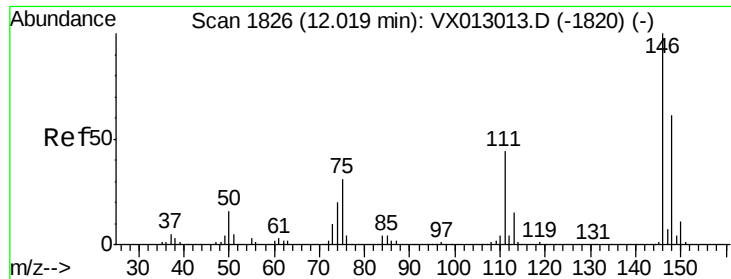
Tot Ion:105 Resp: 441792
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 55.316 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX013035.D
 Acq: 11 Oct 2019 22:33

Tgt Ion:119 Resp: 412306
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.6 37.8
 91 25.1 12.4 37.4

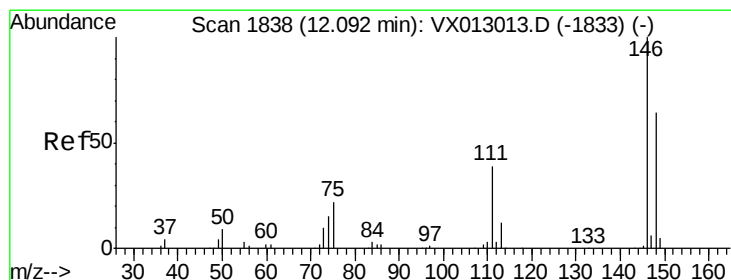
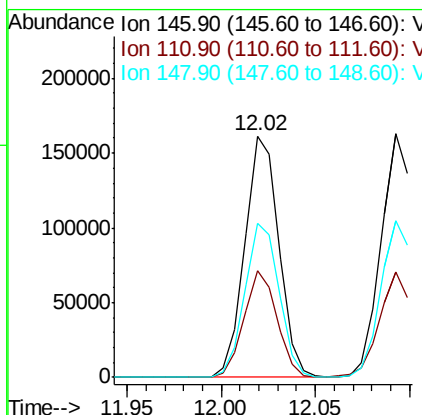
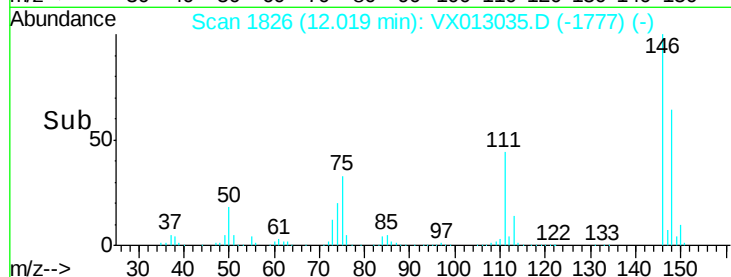
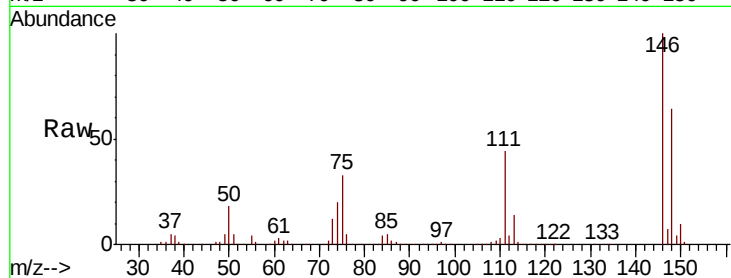




#87
 1,3-Dichlorobenzene
 Concen: 54.334 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013035.D
 Acq: 11 Oct 2019 22:33

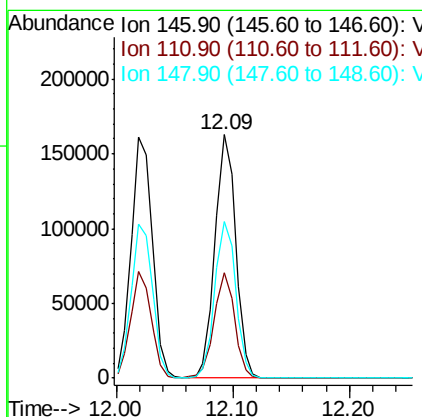
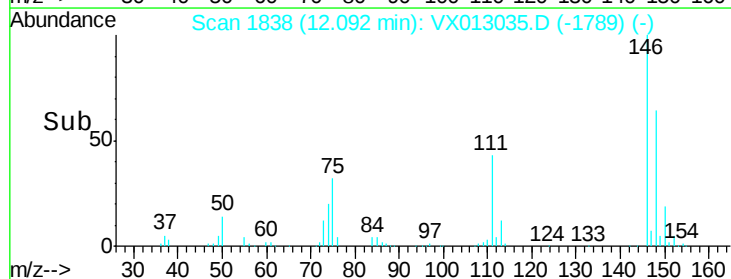
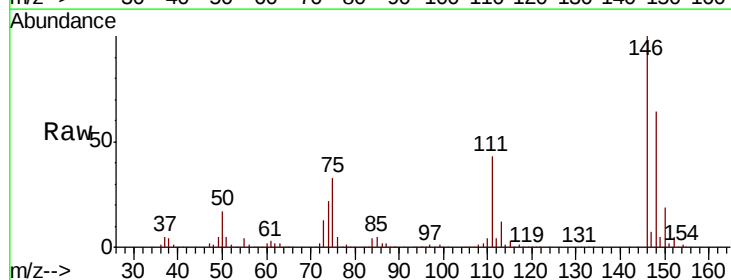
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

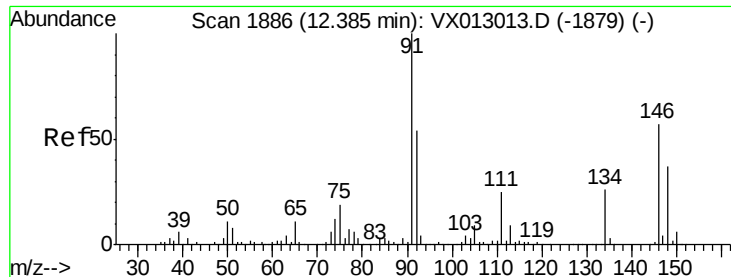
Tot Ion:146 Resp: 202491
 Ion Ratio Lower Upper
 146 100
 111 42.9 21.1 63.4
 148 64.0 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 52.993 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013035.D
 Acq: 11 Oct 2019 22:33

Tgt Ion:146 Resp: 200013
 Ion Ratio Lower Upper
 146 100
 111 42.7 21.4 64.3
 148 65.0 32.1 96.5

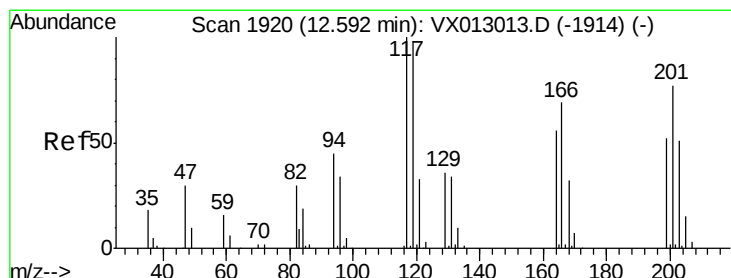
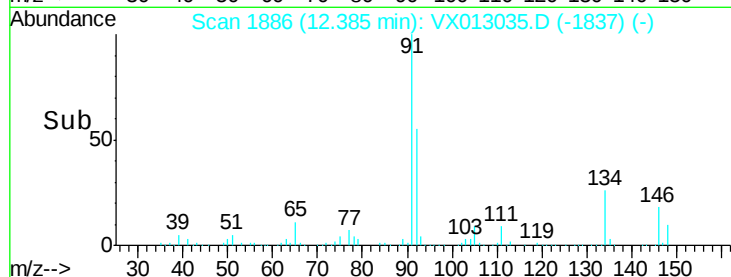
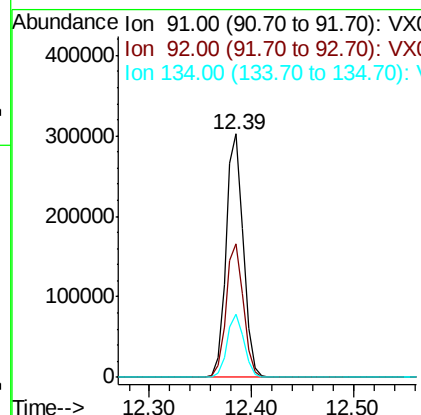
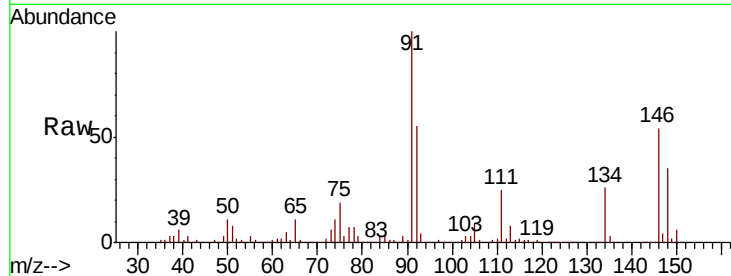




#89
n-Butylbenzene
Concen: 56.776 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013035.D
Acq: 11 Oct 2019 22:33

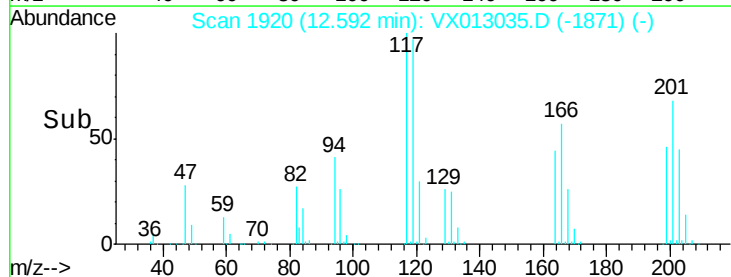
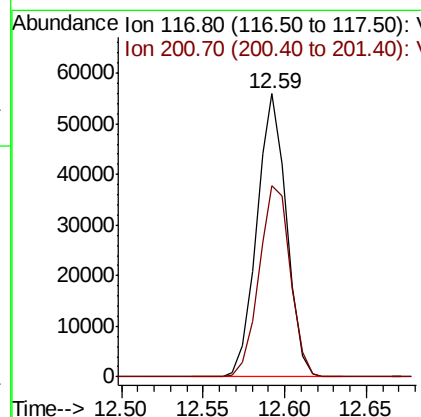
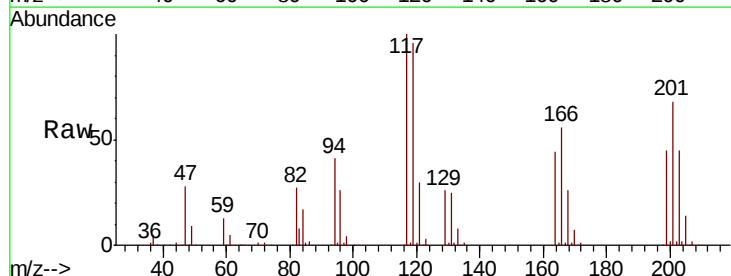
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

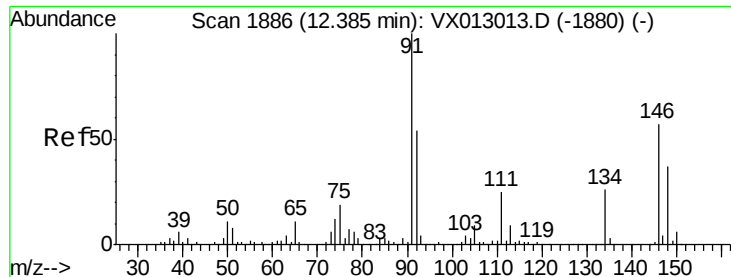
Tot Ion: 91 Resp: 355670
Ion Ratio Lower Upper
91 100
92 55.0 27.5 82.5
134 25.7 12.9 38.7



#90
Hexachloroethane
Concen: 51.072 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013035.D
Acq: 11 Oct 2019 22:33

Tgt Ion: 117 Resp: 70571
Ion Ratio Lower Upper
117 100
201 71.5 36.9 110.7





#91

1,2-Dichlorobenzene

Concen: 55.889 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013035.D

Acq: 11 Oct 2019 22:33

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

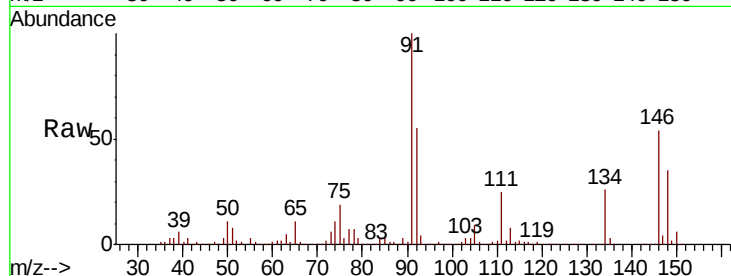
Tot Ion:146 Resp: 204195

Ion Ratio Lower Upper

146 100

111 45.6 22.7 68.0

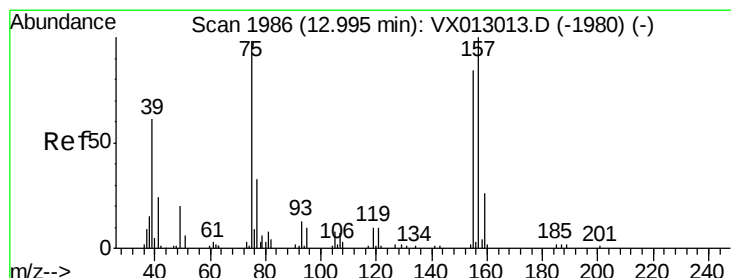
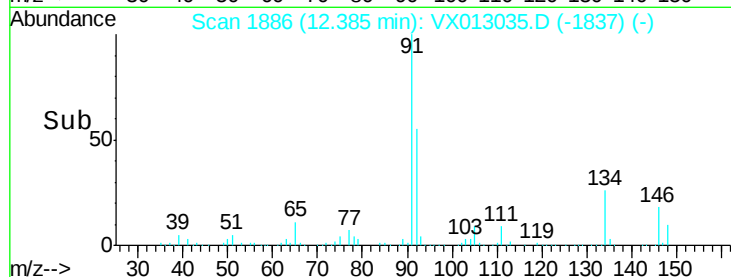
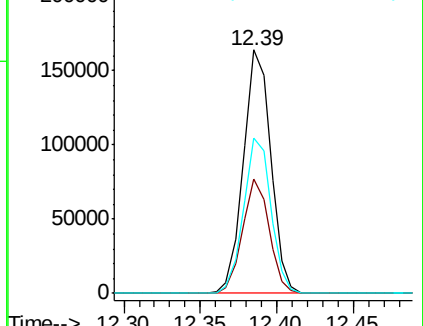
148 63.8 31.6 94.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 57.952 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX013035.D

Acq: 11 Oct 2019 22:33

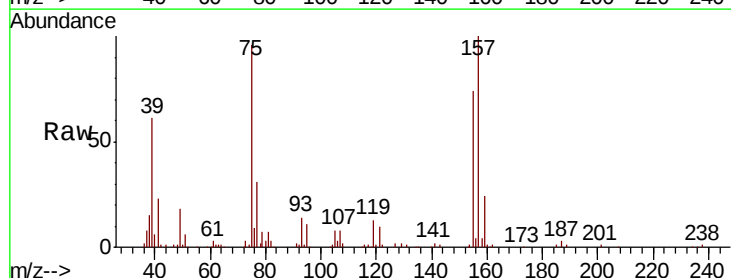
Tgt Ion: 75 Resp: 38475

Ion Ratio Lower Upper

75 100

155 79.6 43.0 128.8

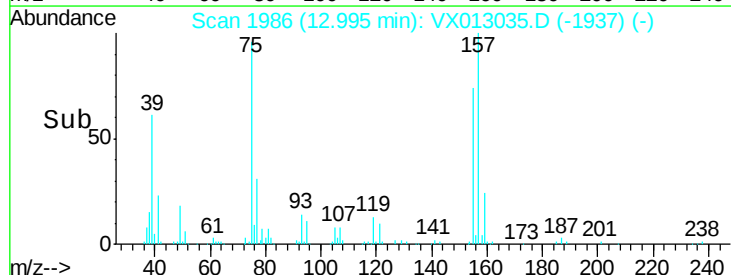
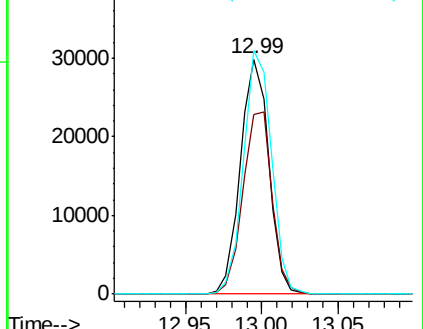
157 102.6 54.1 162.3

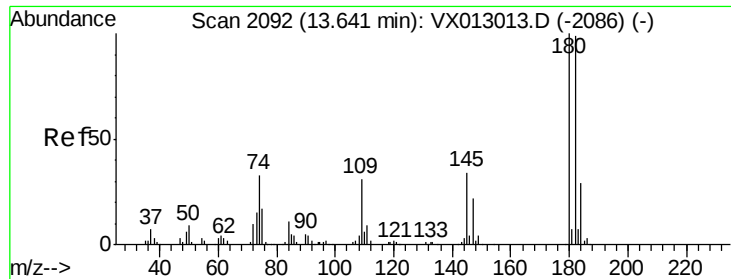


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

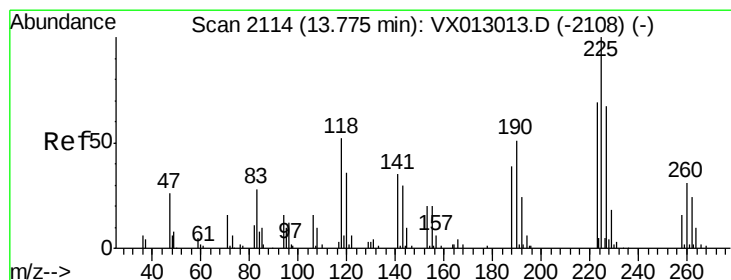
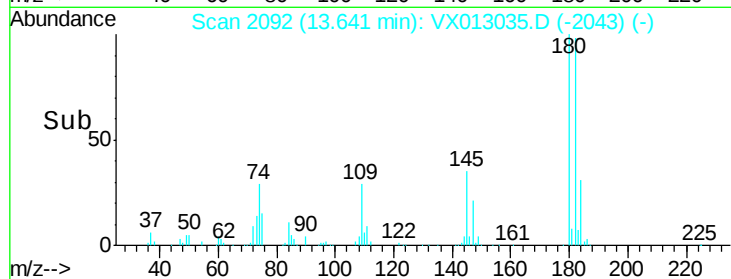
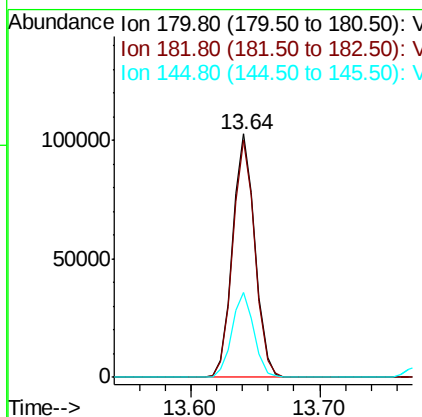
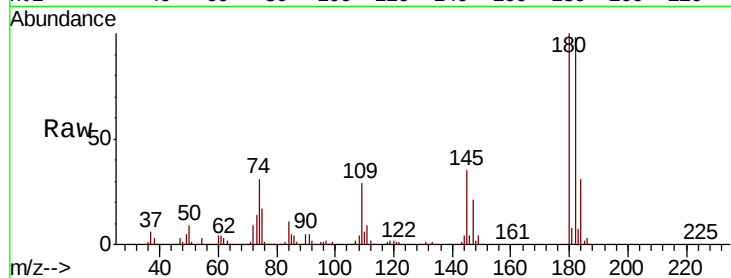




#93
 1,2,4-Trichlorobenzene
 Concen: 54.538 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013035.D
 Acq: 11 Oct 2019 22:33

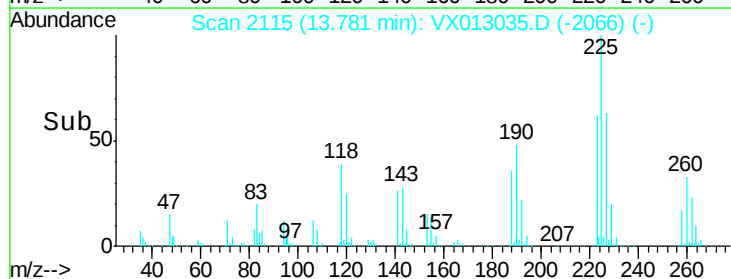
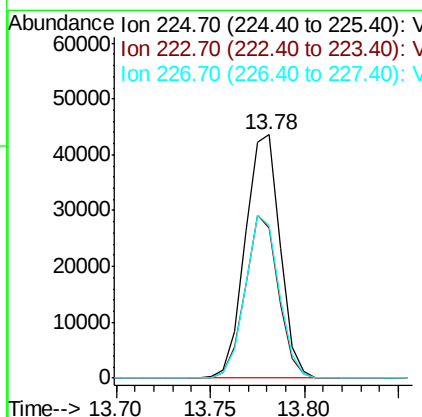
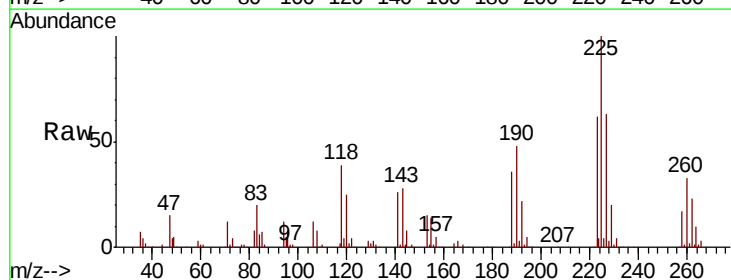
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

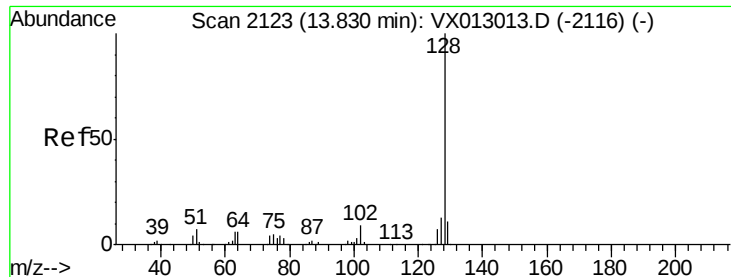
Tot Ion:180 Resp: 124821
 Ion Ratio Lower Upper
 180 100
 182 96.9 46.8 140.4
 145 34.3 16.2 48.6



#94
 Hexachlorobutadiene
 Concen: 52.840 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VX013035.D
 Acq: 11 Oct 2019 22:33

Tgt Ion:225 Resp: 55811
 Ion Ratio Lower Upper
 225 100
 223 63.6 31.1 93.2
 227 64.5 32.3 96.9

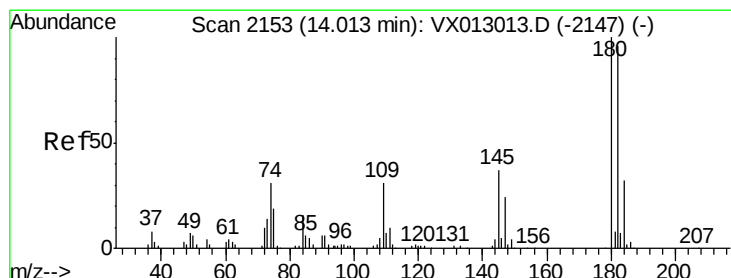
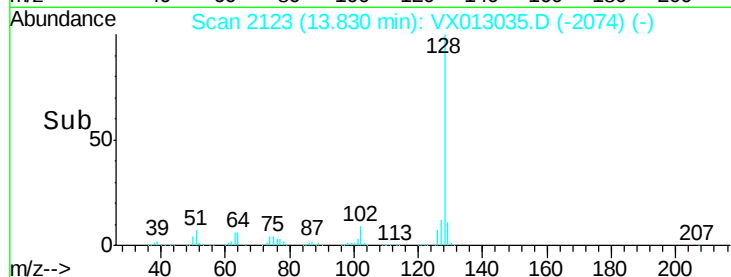
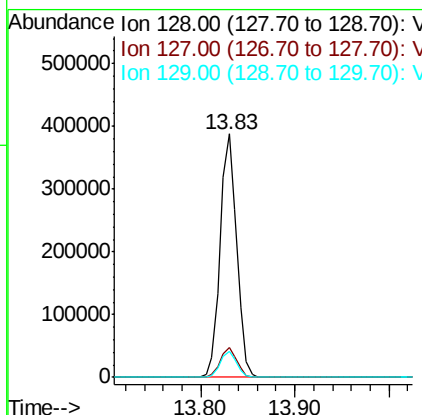
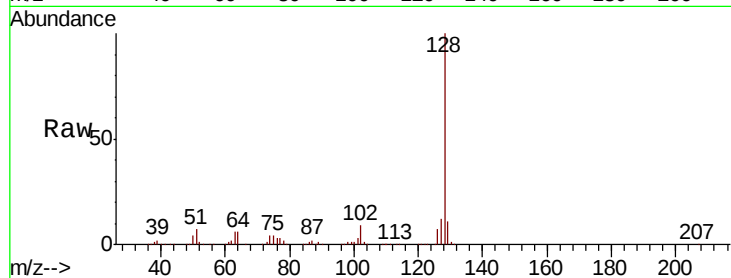




#95
Naphthalene
Concen: 59.435 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013035.D
Acq: 11 Oct 2019 22:33

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 471542
Ion Ratio Lower Upper
128 100
127 12.4 10.2 15.4
129 10.7 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 54.726 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX013035.D
Acq: 11 Oct 2019 22:33

Tgt Ion:180 Resp: 129432
Ion Ratio Lower Upper
180 100
182 96.4 47.5 142.5
145 35.7 17.4 52.3

