

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX102819\
 Data File : VX013239.D
 Acq On : 28 Oct 2019 10:40
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 29 15:36:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X102119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Oct 22 01:53:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	21838	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.84	114	106633	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	110840	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	78319	45.56	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	151.87%
60) 4-Bromofluorobenzene	11.13	95	89473	46.36	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	154.53%#
63) Toluene-d8	8.71	98	219264	44.48	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	148.27%#

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	69680	44.441 ug/l	97
3) Chloromethane	1.32	50	55956	40.936 ug/l	96
4) Vinyl Chloride	1.40	62	59062	41.792 ug/l	96
5) Bromomethane	1.63	94	32060	42.040 ug/l	96
6) Chloroethane	1.71	64	38886	43.118 ug/l	99
7) Trichlorofluoromethane	1.92	101	108762	47.889 ug/l	93
8) Diethyl Ether	2.18	74	36368	46.917 ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	64575	46.552 ug/l	99
10) 1,1-Dichloroethene	2.36	96	59026	44.059 ug/l	96
11) Methyl Iodide	2.50	142	74229	43.021 ug/l	96
12) Methyl Acetate	2.76	43	78678	45.479 ug/l	100
13) Acrolein	2.28	56	40477	157.178 ug/l	100
14) Acrylonitrile	3.13	53	164361	227.179 ug/l	99
15) Acetone	2.43	58	65309	273.990 ug/l	94
16) Carbon Disulfide	2.56	76	150801	42.152 ug/l	96
17) Allyl chloride	2.72	41	92060	43.201 ug/l	91
18) Methylene Chloride	2.84	84	68584	44.213 ug/l	94
19) trans-1,2-Dichloroethene	3.15	96	64507	45.376 ug/l	96
20) Diisopropyl ether	3.84	45	189420	45.958 ug/l	98
21) 1,1-Dichloroethane	3.68	63	114249	45.654 ug/l	98
22) cis-1,2-Dichloroethene	4.58	96	74446	45.924 ug/l	98
23) tert-Butyl Alcohol	3.03	59	86713	227.490 ug/l	# 100
24) Methyl tert-Butyl Ether	3.18	73	224894	48.676 ug/l	98
25) Chloroform	5.19	83	127260	48.393 ug/l	100
26) Cyclohexane	5.56	56	95881	43.666 ug/l	# 97
29) 1,1-Dichloropropene	5.79	75	89616	54.098 ug/l	87
30) 2-Butanone	4.65	43	248867	286.405 ug/l	99
31) 2,2-Dichloropropane	4.57	77	110234	57.557 ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	116407	58.072 ug/l	99
33) Carbon Tetrachloride	5.77	117	102759	59.644 ug/l	98
34) Benzene	6.13	78	258589	54.223 ug/l	97
35) Methacrylonitrile	5.02	41	48110	53.988 ug/l	97
36) 1,2-Dichloroethane	6.18	62	107948	59.880 ug/l	98
37) Trichloroethene	7.20	130	74490	56.313 ug/l	94
38) Methylcyclohexane	7.45	83	109185	54.045 ug/l	99
39) 1,2-Dichloropropane	7.50	63	65226	55.724 ug/l	98
40) Dibromomethane	7.65	93	49114	58.742 ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	102836	60.999	ug/l	97
42) Vinyl Acetate	3.80	43	837255	277.859	ug/l	100
43) Ethyl Acetate	4.81	43	88471	55.822	ug/l	98
44) Isopropyl Acetate	6.43	43	146977	55.179	ug/l	100
45) 1,4-Dioxane	7.73	88	37352	1108.842	ug/l	98
46) Methyl methacrylate	7.76	41	72764	55.516	ug/l	96
47) n-amyl Acetate	10.89	43	129651	57.744	ug/l	99
48) t-1,3-Dichloropropene	9.03	75	112622	60.900	ug/l	100
49) cis-1,3-Dichloropropene	8.43	75	117270	58.280	ug/l	98
50) 1,1,2-Trichloroethane	9.21	97	71310	57.753	ug/l	99
51) Ethyl methacrylate	9.17	69	110961	57.313	ug/l	100
52) 1,3-Dichloropropane	9.37	76	118376	56.930	ug/l	100
53) Dibromochloromethane	9.57	129	83620	62.783	ug/l	96
54) 1,2-Dibromoethane	9.67	107	76861	58.219	ug/l	98
55) 2-Chloroethyl vinyl ether	8.30	63	223683	284.420	ug/l	99
56) Bromoform	10.85	173	61873	65.480	ug/l	98
58) 4-Methyl-2-Pentanone	8.64	43	443889	237.667	ug/l	99
59) 2-Hexanone	9.48	43	356164	243.325	ug/l	99
61) Tetrachloroethene	9.33	164	74149	50.462	ug/l	98
62) Toluene	8.78	91	286161	47.825	ug/l	99
64) Chlorobenzene	10.13	112	188858	49.227	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.21	131	74134	51.584	ug/l	99
66) Ethyl Benzene	10.25	91	338657	49.176	ug/l	97
67) m/p-Xylenes	10.35	106	253301	96.779	ug/l	95
68) o-Xylene	10.70	106	125020	50.037	ug/l	96
69) Styrene	10.71	104	217956	50.691	ug/l	98
70) Isopropylbenzene	11.01	105	344552	50.256	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	105572	50.252	ug/l	97
72) 1,2,3-Trichloropropane	11.29	75	129695	71.078	ug/l	89
73) Bromobenzene	11.25	156	82217	49.970	ug/l	99
74) n-propylbenzene	11.35	91	388585	51.639	ug/l	100
75) 2-Chlorotoluene	11.42	91	232637	49.406	ug/l	98
76) 1,3,5-Trimethylbenzene	11.50	105	274671	47.725	ug/l	97
77) t-1,4-Dichloro-2-butene	11.07	75	38090	53.764	ug/l	90
78) 4-Chlorotoluene	11.51	91	268246	49.857	ug/l	95
79) tert-butylbenzene	11.76	119	267005	48.181	ug/l	98
80) 1,2,4-Trimethylbenzene	11.80	105	284670	49.513	ug/l	98
81) sec-Butylbenzene	11.94	105	308649	46.752	ug/l	99
82) p-Isopropyltoluene	12.06	119	291303	48.259	ug/l	97
83) 1,3-Dichlorobenzene	12.02	146	144030	47.935	ug/l	98
84) 1,4-Dichlorobenzene	12.09	146	144617	48.665	ug/l	97
85) n-Butylbenzene	12.39	91	258271	50.371	ug/l	98
86) Hexachloroethane	12.59	117	53464	50.746	ug/l	92
87) 1,2-Dichlorobenzene	12.39	146	146871	50.389	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	12.99	75	28121	54.323	ug/l	98
89) 1,2,4-Trichlorobenzene	13.64	180	95926	52.917	ug/l	98
90) Hexachlorobutadiene	13.78	225	47375	51.473	ug/l	98
91) Naphthalene	13.83	128	303234	51.425	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	97790	52.654	ug/l	98

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Oct 22 01:53:07 2019
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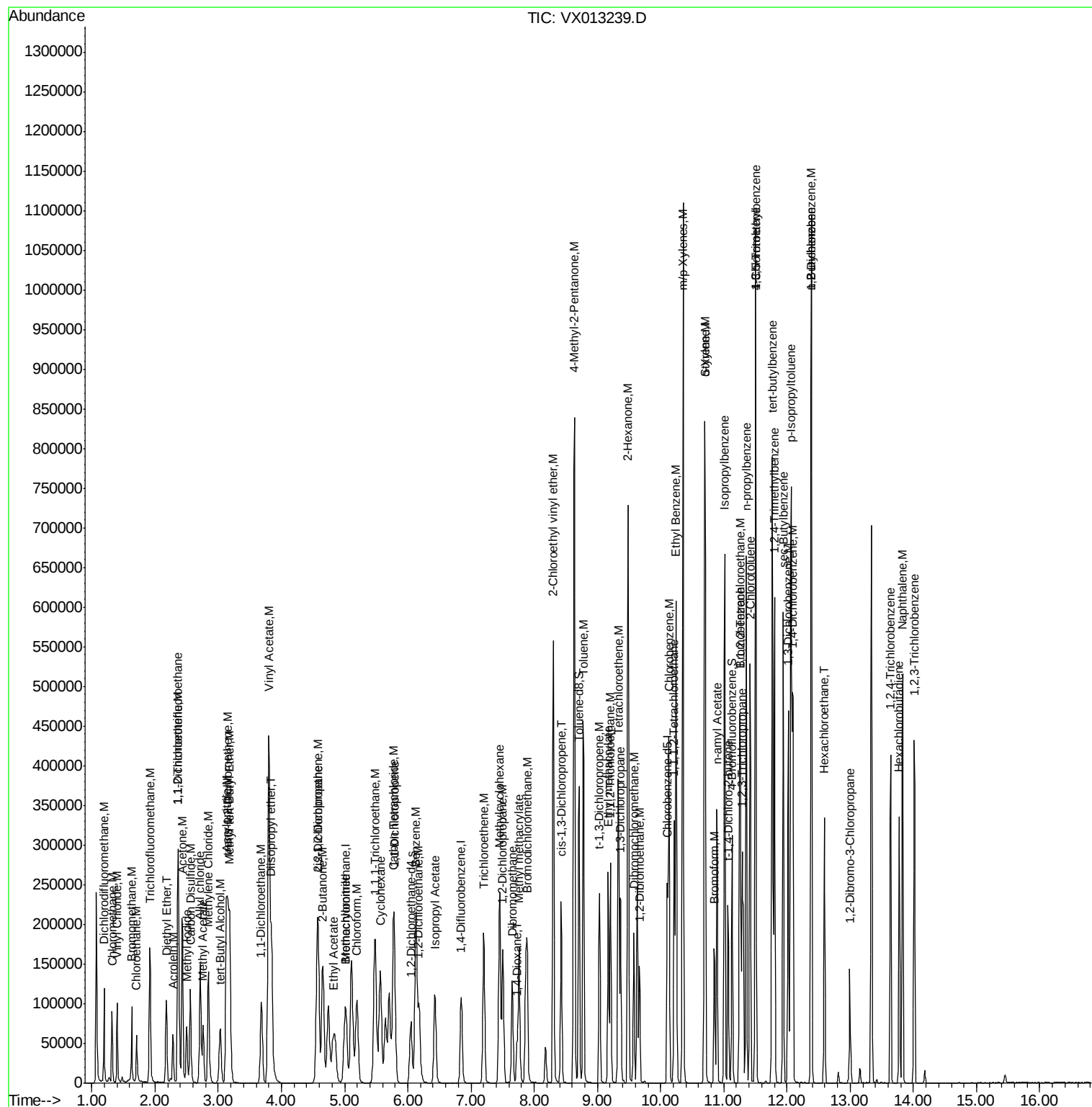
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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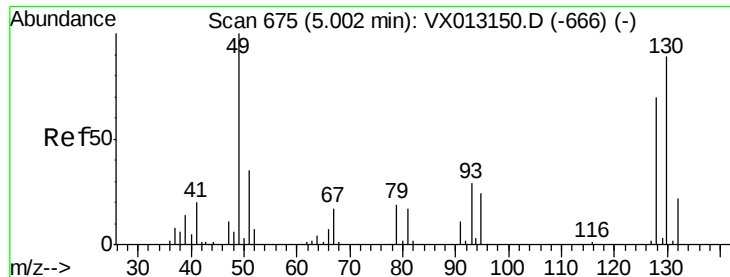
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 29 15:36:13 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\624X102119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Oct 22 01:53:07 2019
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.00 min Scan# 675

Delta R.T. -0.00 min

Lab File: VX013239.D

Acq: 28 Oct 2019 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

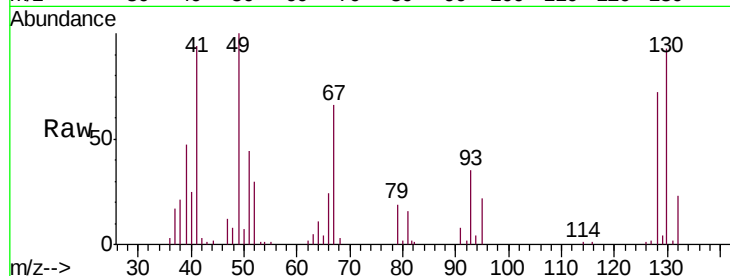
Tgt Ion:128 Resp: 21838

Ion Ratio Lower Upper

128 100

49 139.2 0.0 367.3

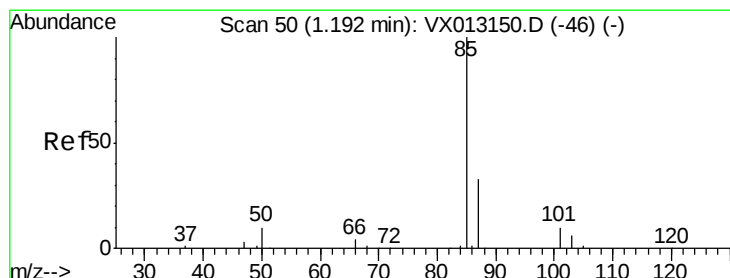
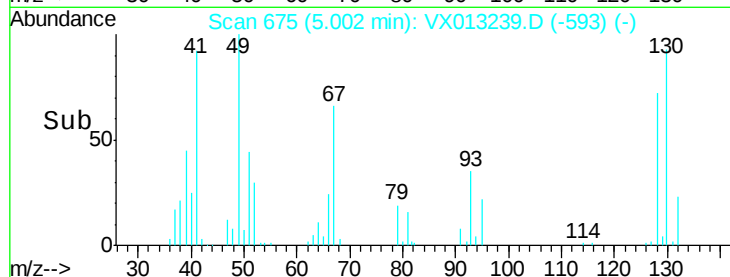
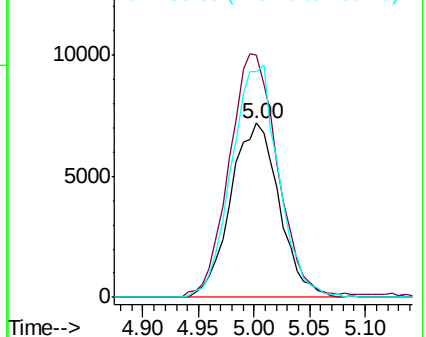
130 129.1 0.0 325.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 44.441 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX013239.D

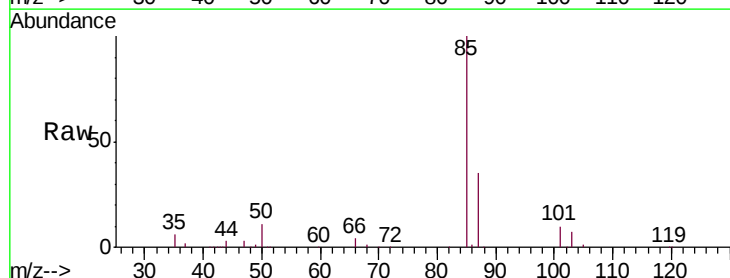
Acq: 28 Oct 2019 10:40

Tgt Ion: 85 Resp: 69680

Ion Ratio Lower Upper

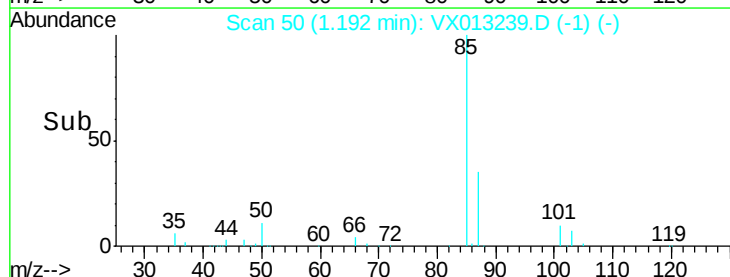
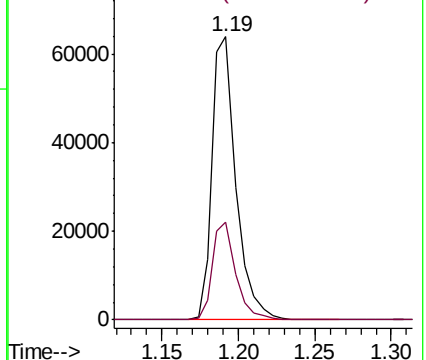
85 100

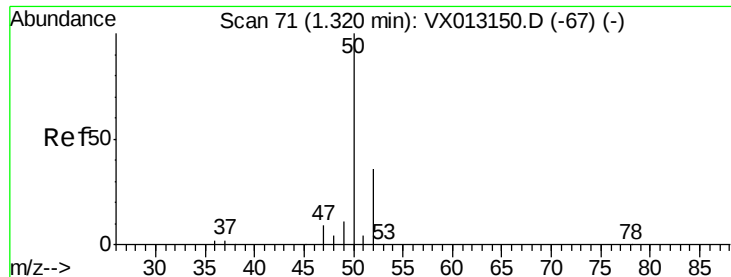
87 34.5 16.6 49.7



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 40.936 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX013239.D

Acq: 28 Oct 2019 10:40

Instrument :

MSVOA_X

ClientSampleId :

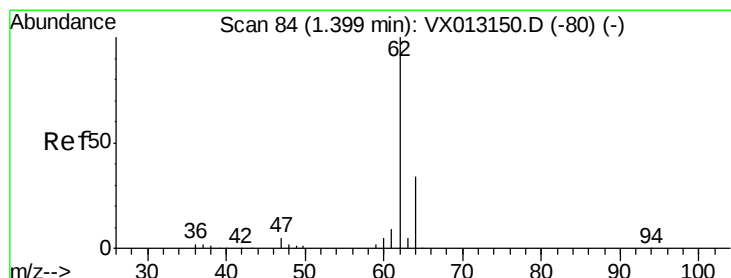
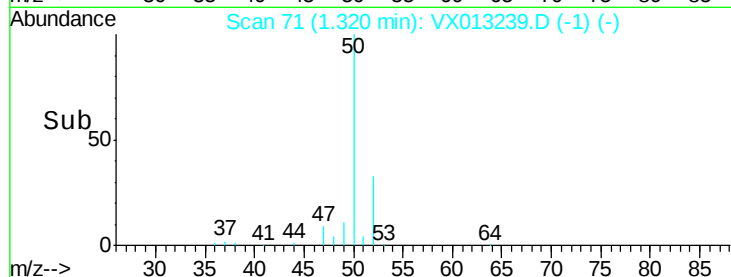
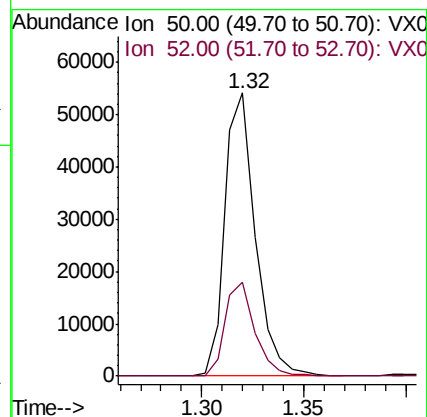
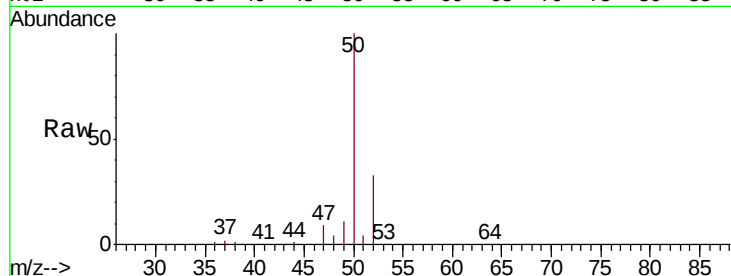
VSTDCCC050

Tgt Ion: 50 Resp: 55956

Ion Ratio Lower Upper

50 100

52 33.3 28.6 42.8



#4

Vinyl Chloride

Concen: 41.792 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013239.D

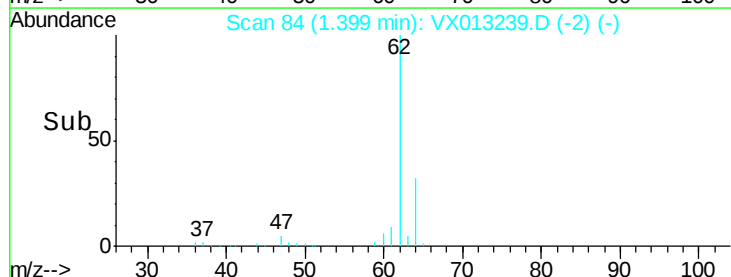
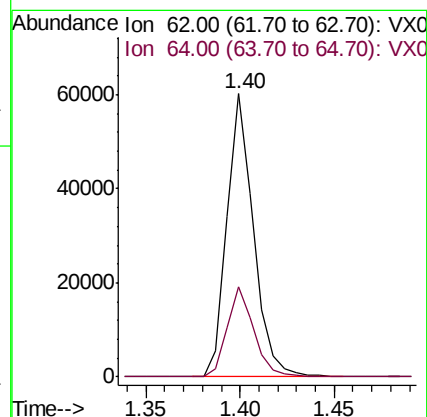
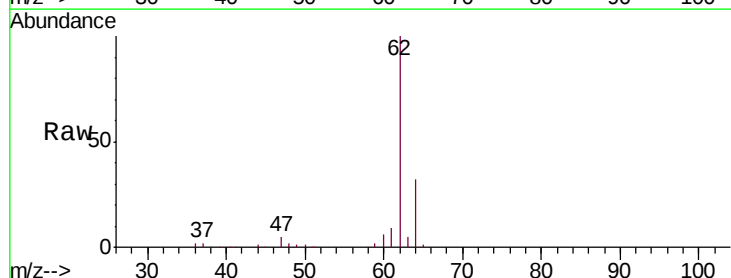
Acq: 28 Oct 2019 10:40

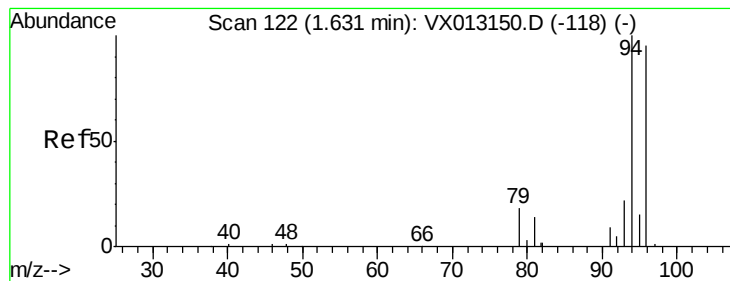
Tgt Ion: 62 Resp: 59062

Ion Ratio Lower Upper

62 100

64 31.6 27.3 40.9





#5

Bromomethane

Concen: 42.040 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013239.D

Acq: 28 Oct 2019 10:40

Instrument :

MSVOA_X

ClientSampleId :

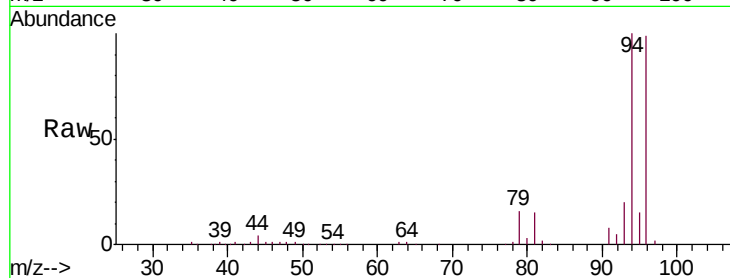
VSTDCCC050

Tgt Ion: 94 Resp: 32060

Ion Ratio Lower Upper

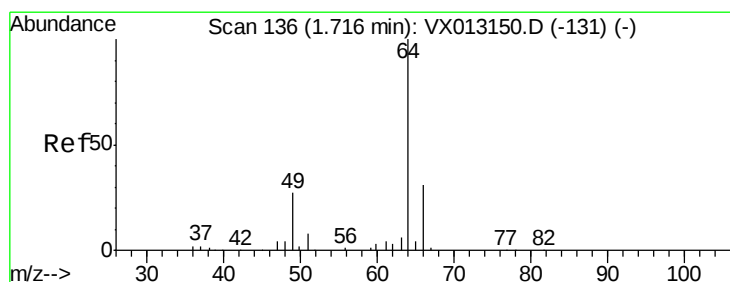
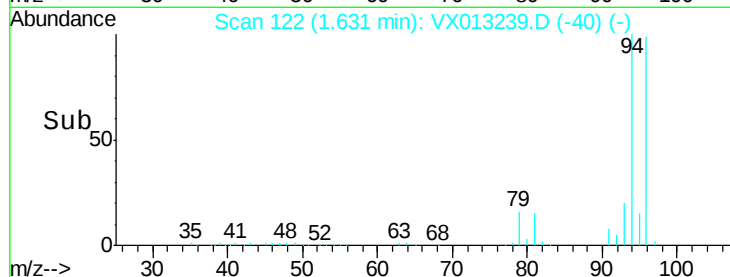
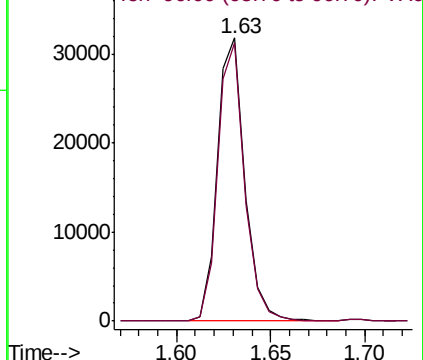
94 100

96 98.7 75.9 113.9



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 43.118 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.01 min

Lab File: VX013239.D

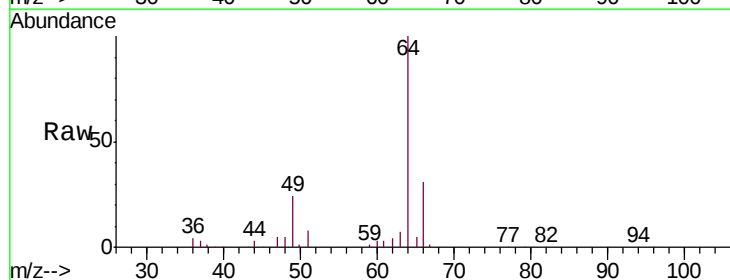
Acq: 28 Oct 2019 10:40

Tgt Ion: 64 Resp: 38886

Ion Ratio Lower Upper

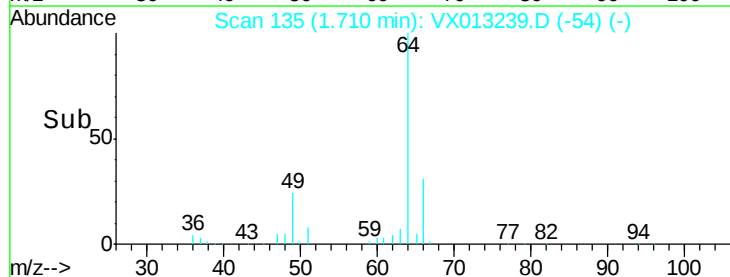
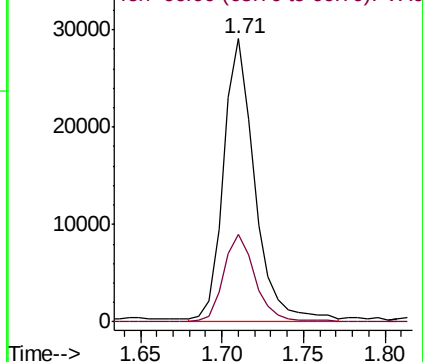
64 100

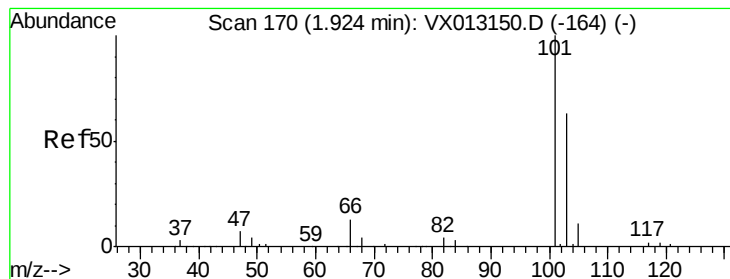
66 31.1 25.4 38.2



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



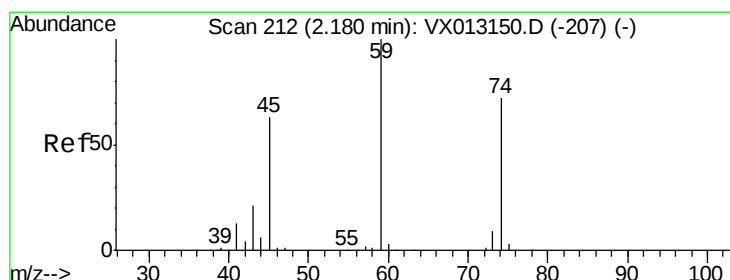
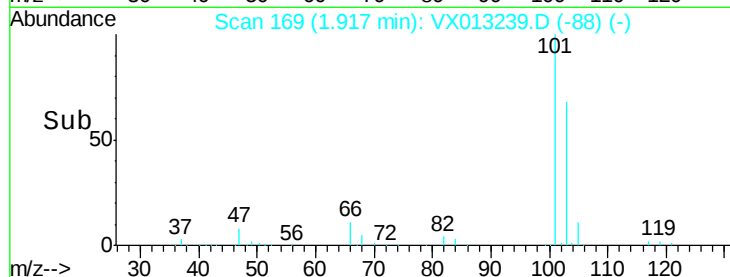
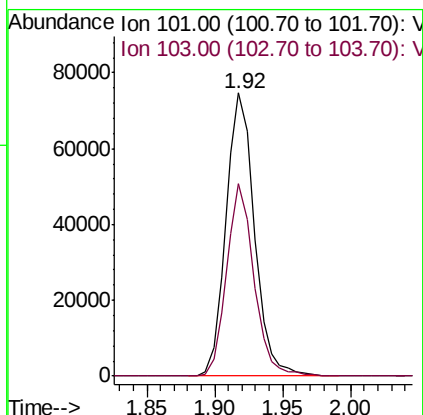
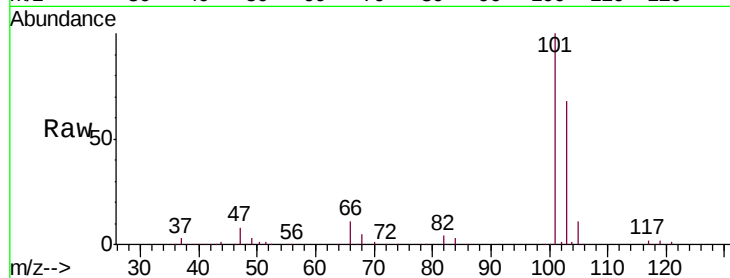


#7

Trichlorofluoromethane
 Concen: 47.889 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. -0.01 min
 Lab File: VX013239.D
 Acq: 28 Oct 2019 10:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

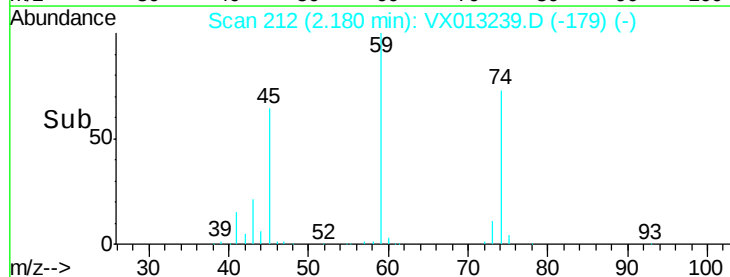
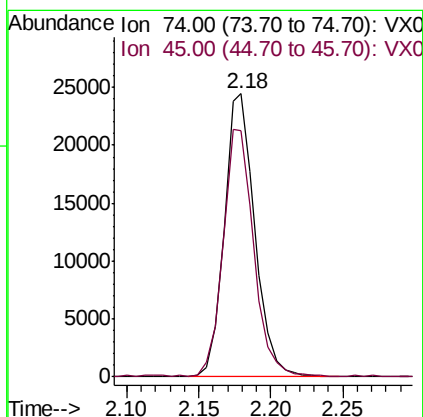
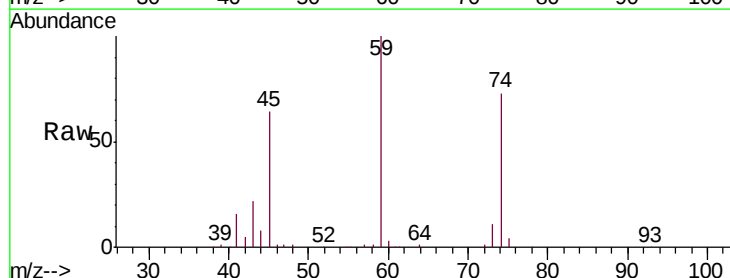
Tgt Ion: 101 Resp: 108762
 Ion Ratio Lower Upper
 101 100
 103 68.2 50.2 75.4

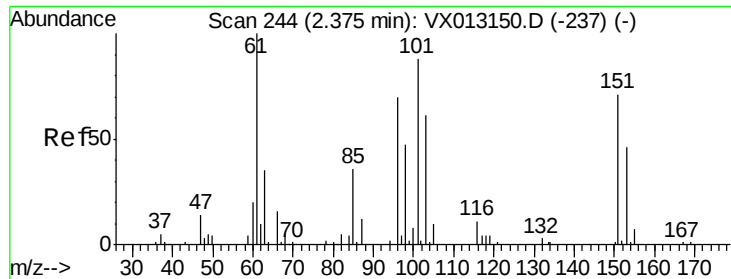


#8

Diethyl Ether
 Concen: 46.917 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX013239.D
 Acq: 28 Oct 2019 10:40

Tgt Ion: 74 Resp: 36368
 Ion Ratio Lower Upper
 74 100
 45 88.4 18.4 165.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.552 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.01 min

Lab File: VX013239.D

Acq: 28 Oct 2019 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

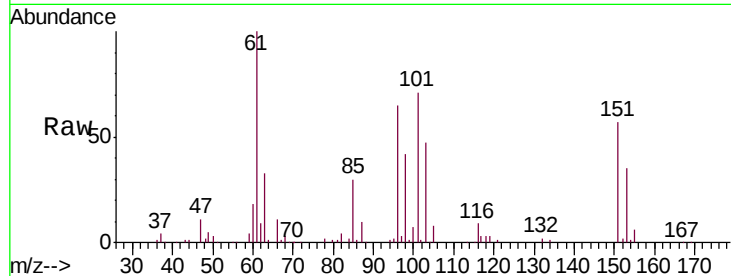
Tgt Ion:101 Resp: 64575

Ion Ratio Lower Upper

101 100

85 43.1 0.0 87.2

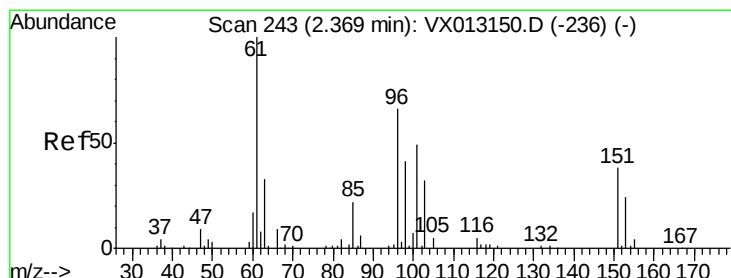
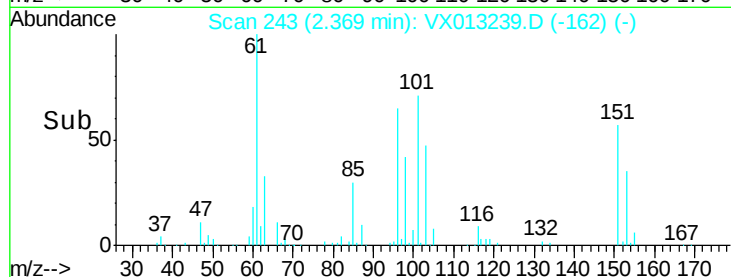
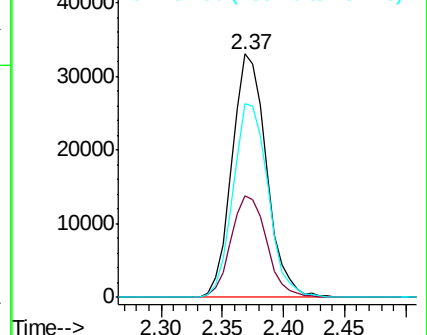
151 80.5 0.0 163.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 44.059 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.01 min

Lab File: VX013239.D

Acq: 28 Oct 2019 10:40

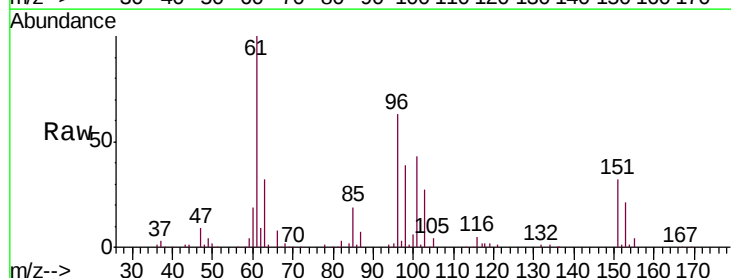
Tgt Ion: 96 Resp: 59026

Ion Ratio Lower Upper

96 100

61 158.4 121.3 181.9

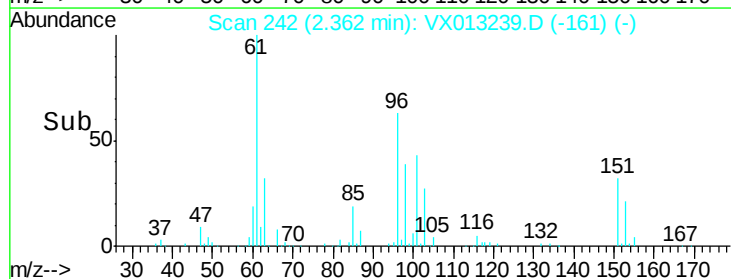
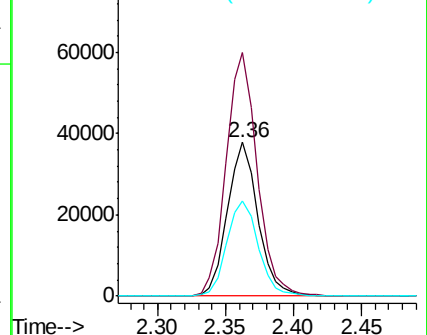
98 62.2 49.5 74.3

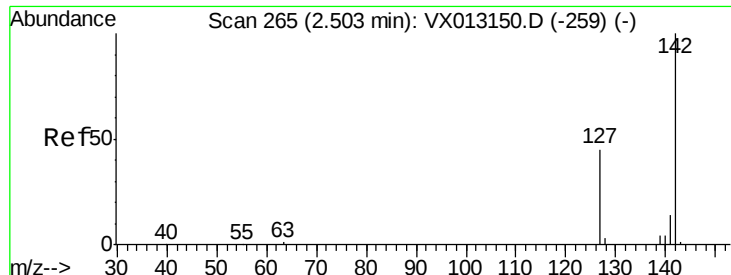


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

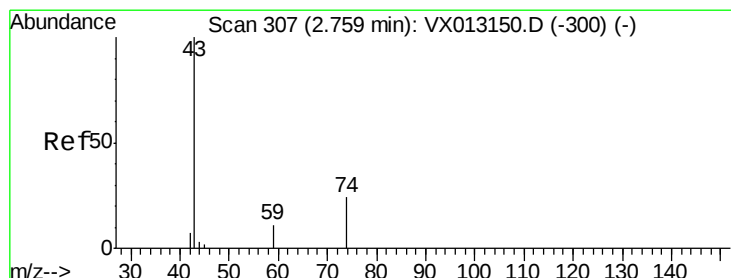
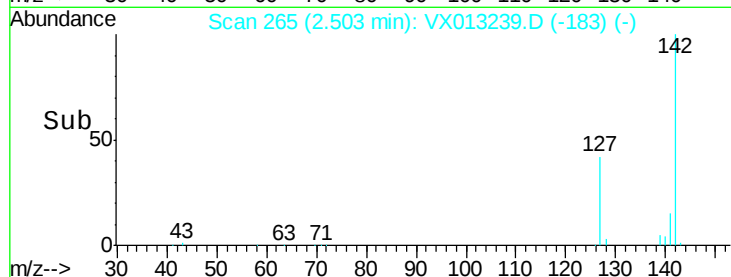
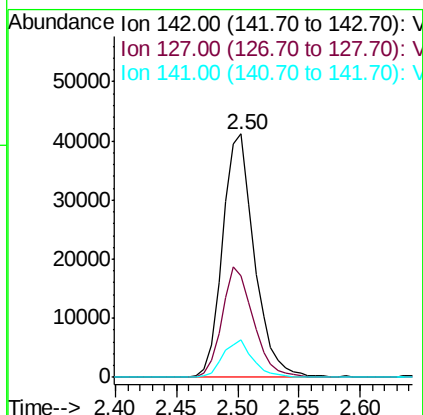
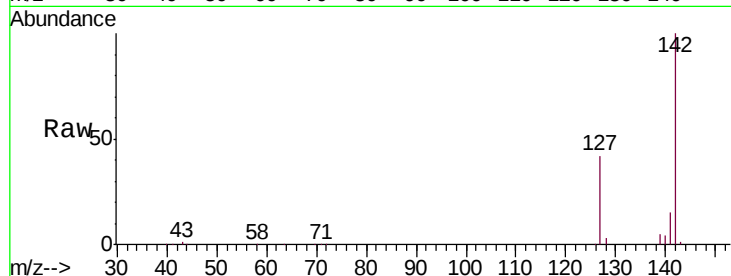




#11
Methyl Iodide
Concen: 43.021 ug/l
RT: 2.50 min Scan# 265
Delta R.T. -0.00 min
Lab File: VX013239.D
Acq: 28 Oct 2019 10:40

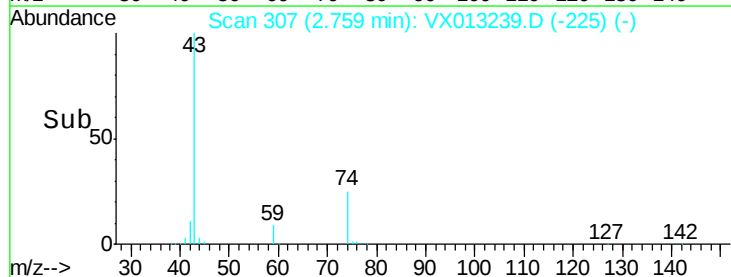
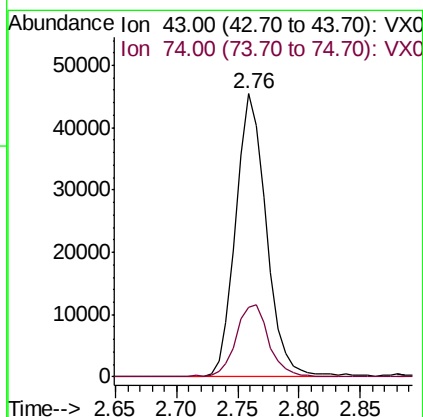
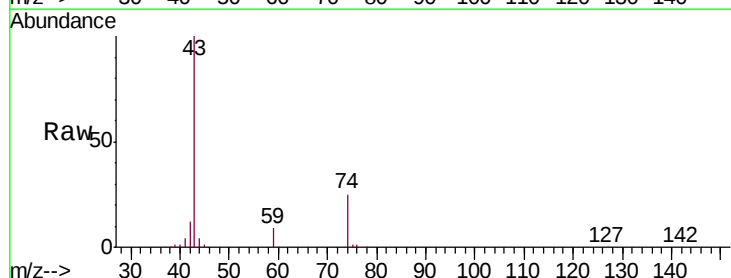
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

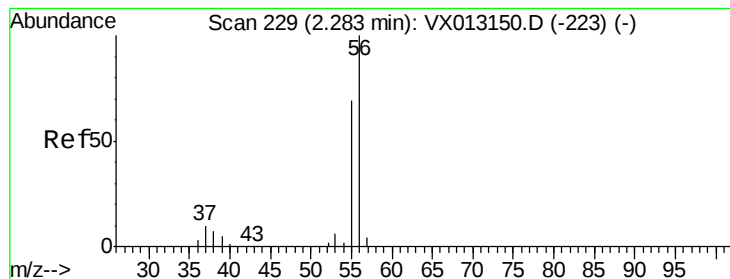
Tgt Ion: 142 Resp: 74229
Ion Ratio Lower Upper
142 100
127 41.8 22.3 66.9
141 15.2 7.1 21.3



#12
Methyl Acetate
Concen: 45.479 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.00 min
Lab File: VX013239.D
Acq: 28 Oct 2019 10:40

Tgt Ion: 43 Resp: 78678
Ion Ratio Lower Upper
43 100
74 24.6 19.7 29.5





#13

Acrolein

Concen: 157.178 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013239.D

Acq: 28 Oct 2019 10:40

Instrument :

MSVOA_X

ClientSampleId :

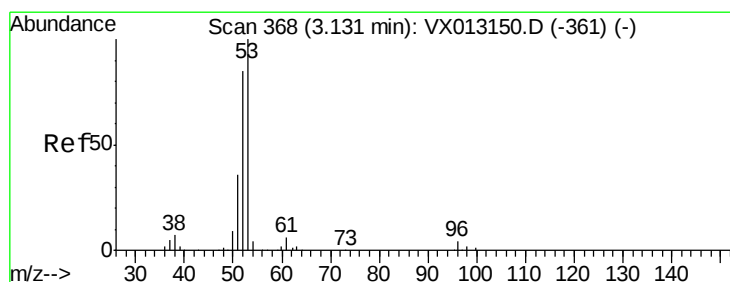
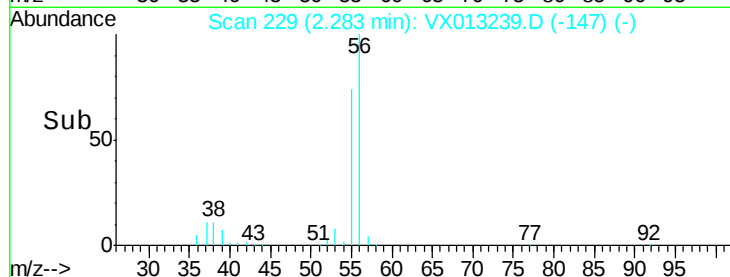
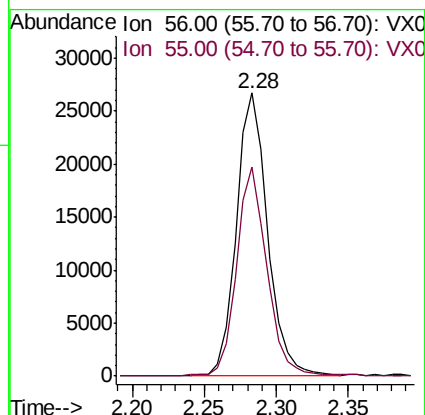
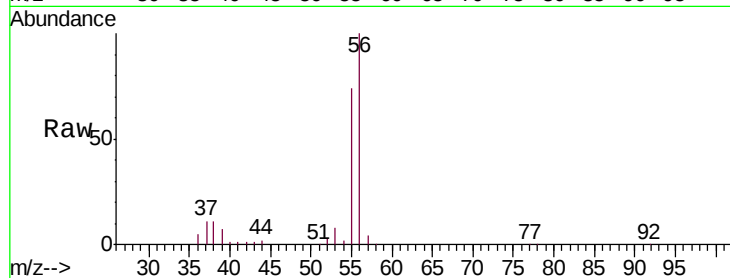
VSTDCCC050

Tgt Ion: 56 Resp: 40477

Ion Ratio Lower Upper

56 100

55 69.8 55.8 83.8



#14

Acrylonitrile

Concen: 227.179 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013239.D

Acq: 28 Oct 2019 10:40

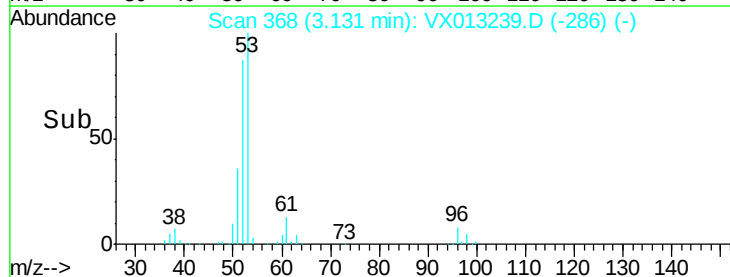
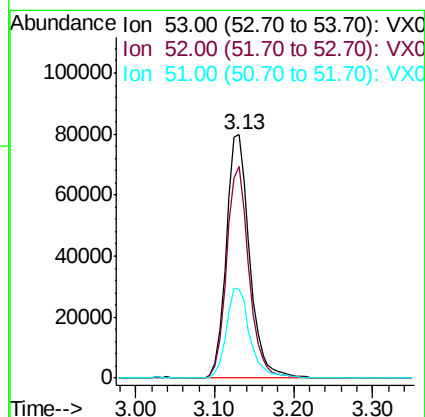
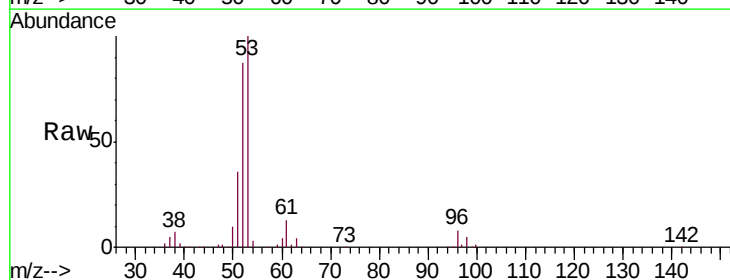
Tgt Ion: 53 Resp: 164361

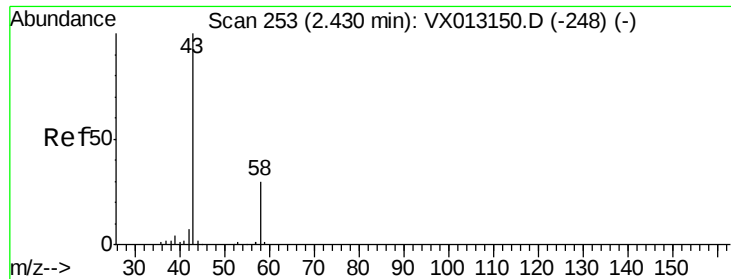
Ion Ratio Lower Upper

53 100

52 83.4 42.0 126.0

51 37.6 18.6 56.0





#15

Acetone

Concen: 273.990 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX013239.D

Acq: 28 Oct 2019 10:40

Instrument :

MSVOA_X

ClientSampleId :

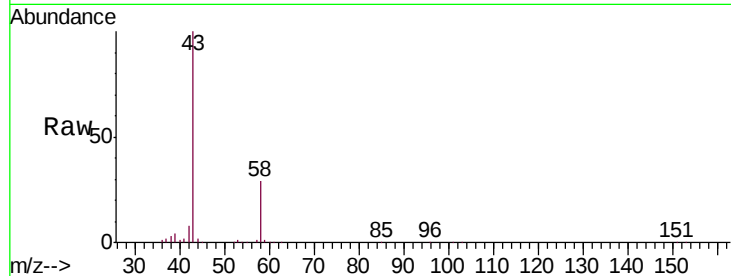
VSTDCCC050

Tgt Ion: 58 Resp: 65309

Ion Ratio Lower Upper

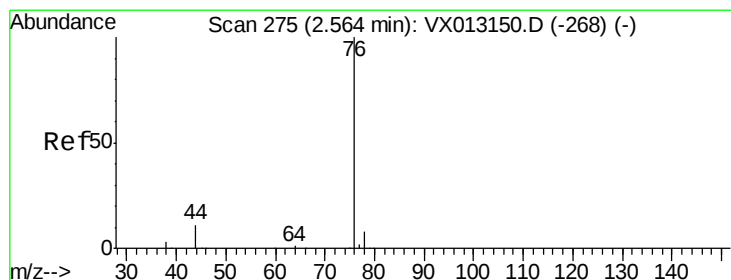
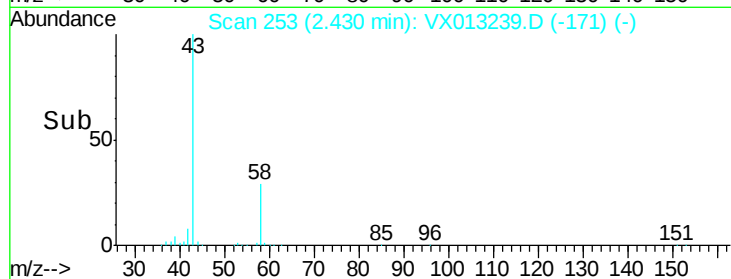
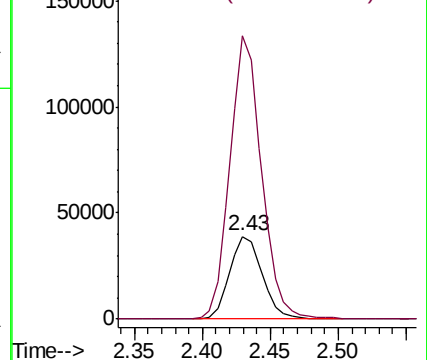
58 100

43 341.0 262.8 394.2



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 42.152 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.01 min

Lab File: VX013239.D

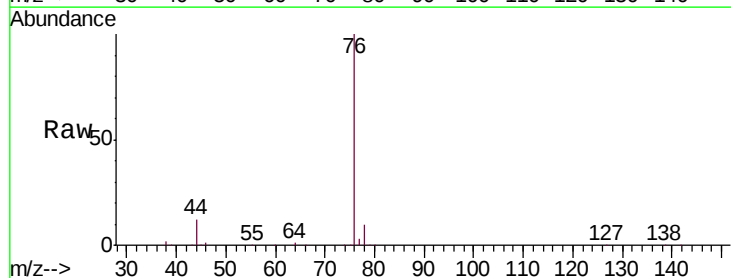
Acq: 28 Oct 2019 10:40

Tgt Ion: 76 Resp: 150801

Ion Ratio Lower Upper

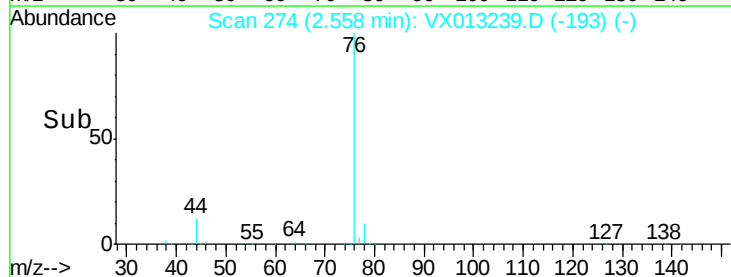
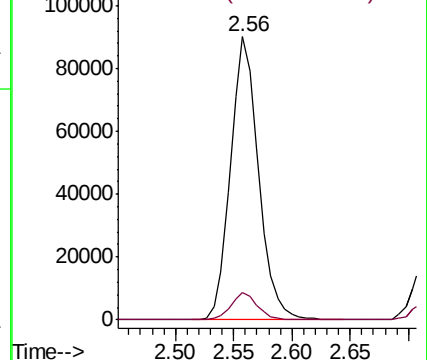
76 100

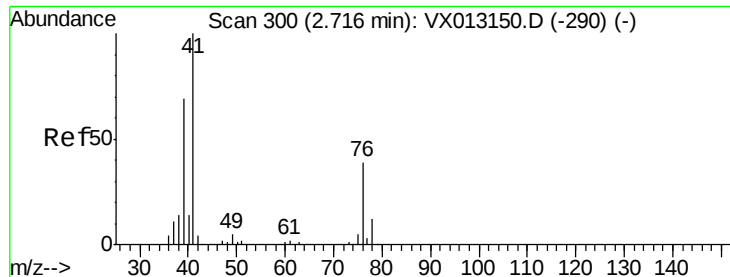
78 9.6 6.6 10.0



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

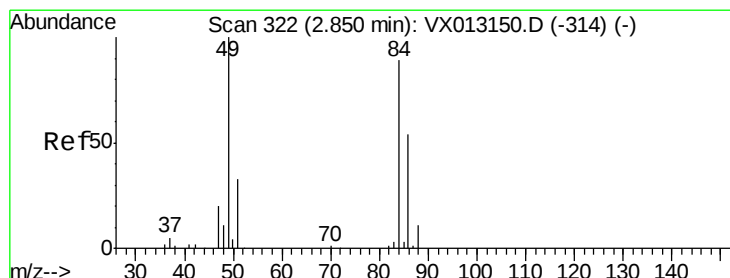
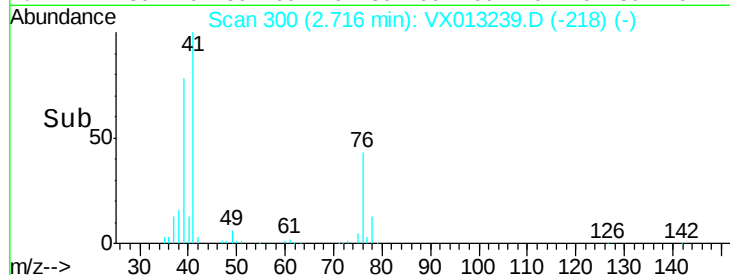
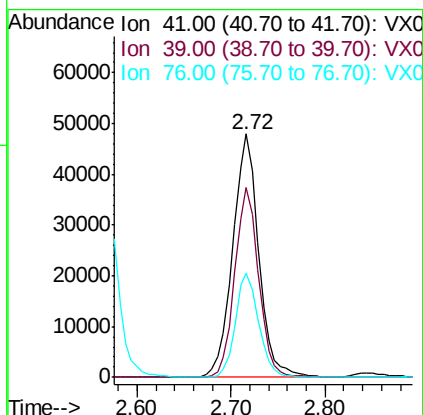
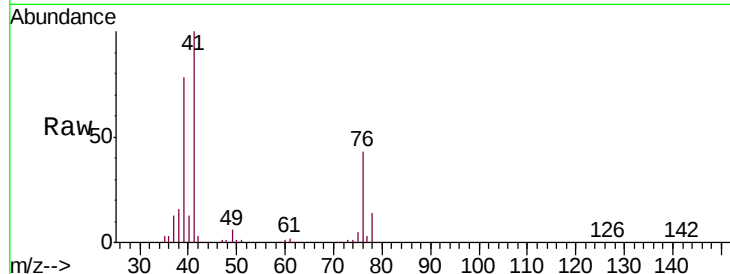




#17
 Allyl chloride
 Concen: 43.201 ug/l
 RT: 2.72 min Scan# 300
 Delta R.T. -0.00 min
 Lab File: VX013239.D
 Acq: 28 Oct 2019 10:40

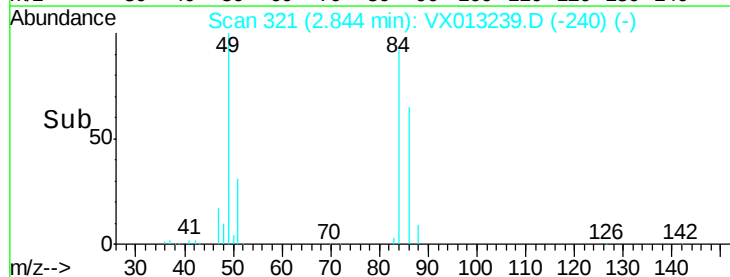
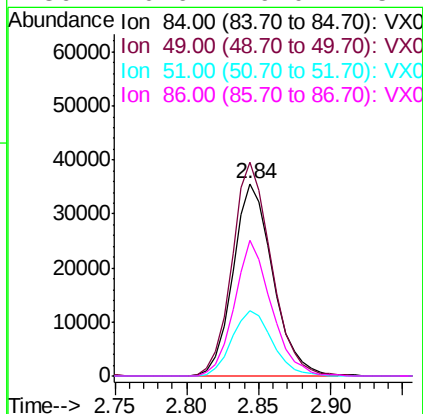
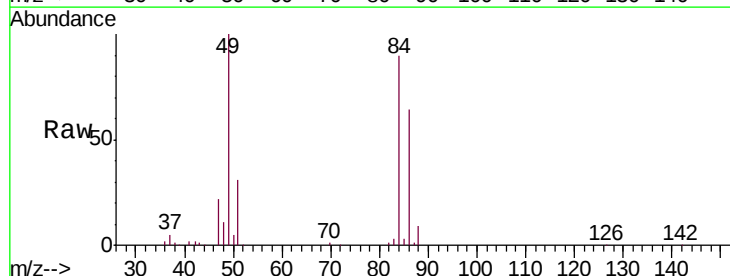
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

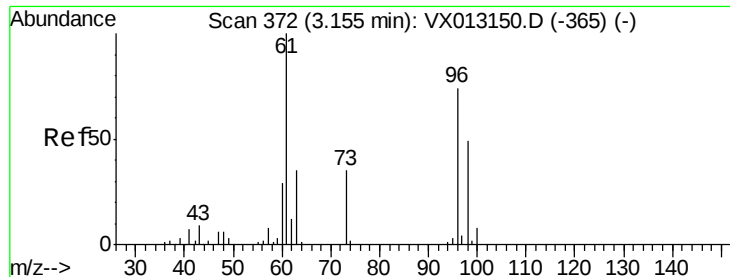
Tgt Ion: 41 Resp: 92060
 Ion Ratio Lower Upper
 41 100
 39 78.1 34.7 104.1
 76 42.5 19.7 59.0



#18
 Methylene Chloride
 Concen: 44.213 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VX013239.D
 Acq: 28 Oct 2019 10:40

Tgt Ion: 84 Resp: 68584
 Ion Ratio Lower Upper
 84 100
 49 110.6 90.3 135.5
 51 34.0 29.9 44.9
 86 70.6 49.0 73.4





#19

trans-1,2-Dichloroethene

Concen: 45.376 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013239.D

Acq: 28 Oct 2019 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

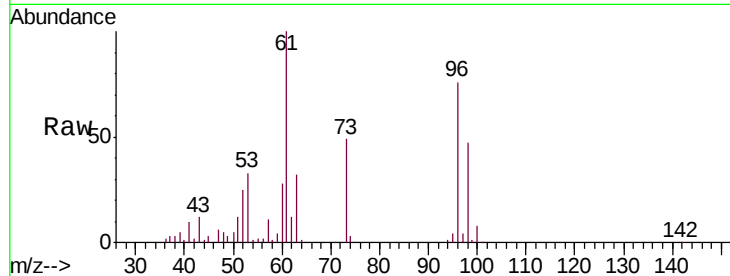
Tgt Ion: 96 Resp: 64507

Ion Ratio Lower Upper

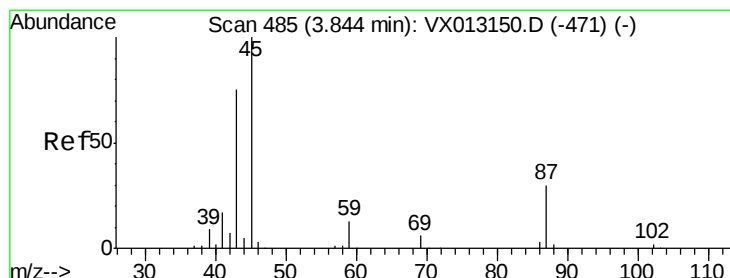
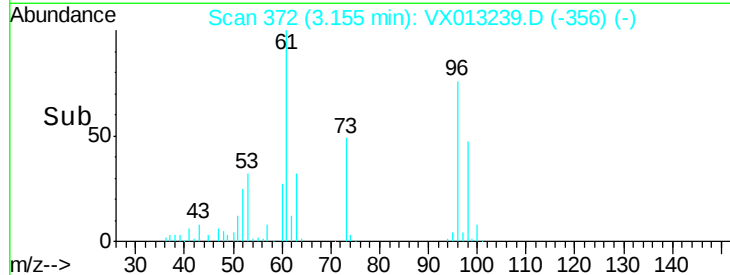
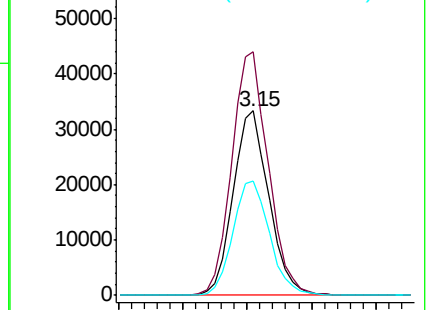
96 100

61 132.1 108.6 162.8

98 61.8 53.4 80.0



Abundance Ion 96.00 (95.70 to 96.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 98.00 (97.70 to 98.70): VX0



#20

Diisopropyl ether

Concen: 45.958 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX013239.D

Acq: 28 Oct 2019 10:40

Tgt Ion: 45 Resp: 189420

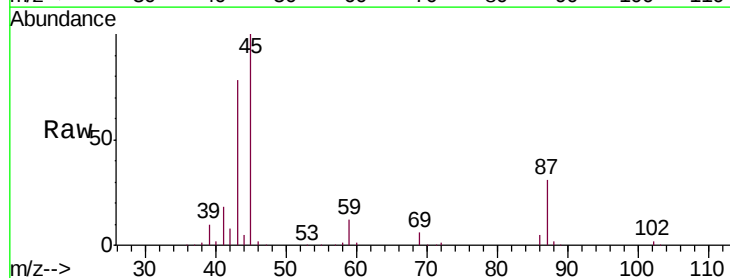
Ion Ratio Lower Upper

45 100

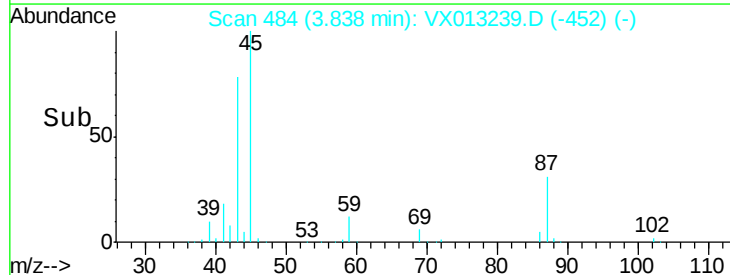
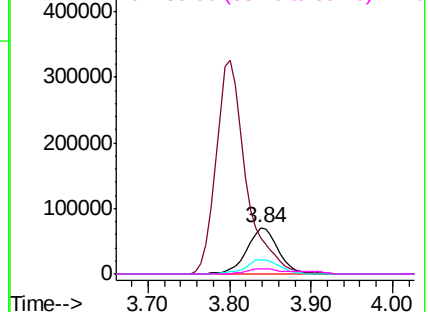
43 77.1 60.6 91.0

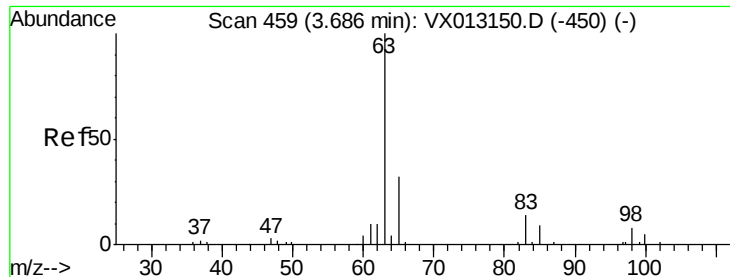
87 30.9 24.2 36.2

59 11.9 10.5 15.7



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#21

1,1-Dichloroethane

Concen: 45.654 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX013239.D

Acq: 28 Oct 2019 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

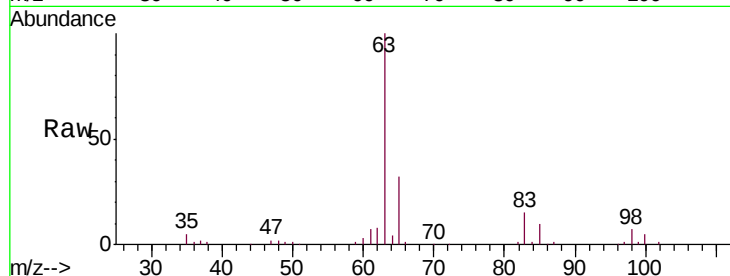
Tgt Ion: 63 Resp: 114249

Ion Ratio Lower Upper

63 100

98 7.4 4.2 12.4

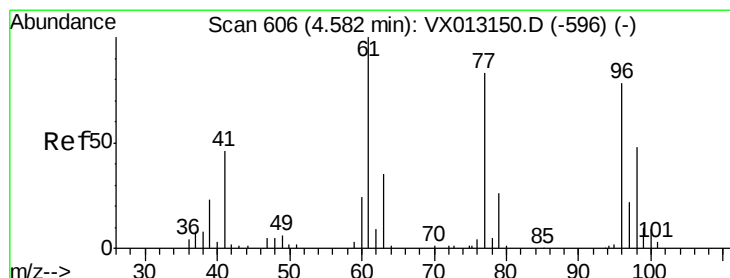
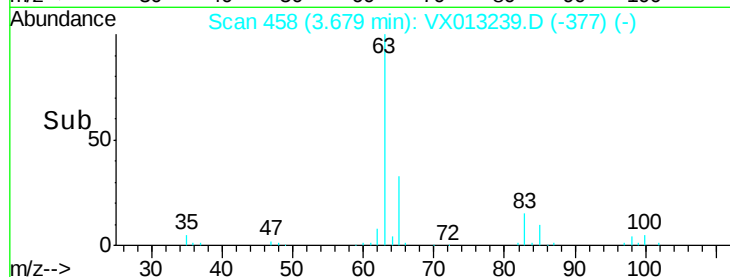
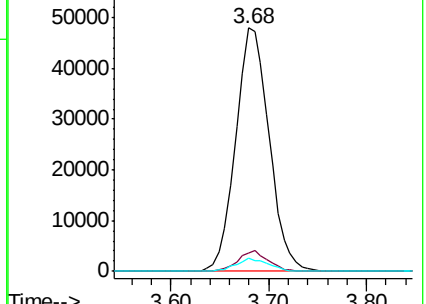
100 5.4 2.4 7.2



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 45.924 ug/l

RT: 4.58 min Scan# 606

Delta R.T. -0.00 min

Lab File: VX013239.D

Acq: 28 Oct 2019 10:40

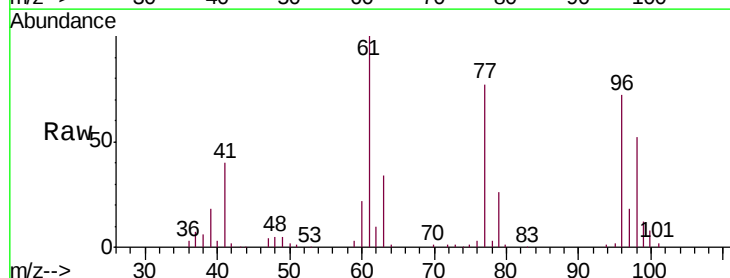
Tgt Ion: 96 Resp: 74446

Ion Ratio Lower Upper

96 100

61 143.5 112.5 168.7

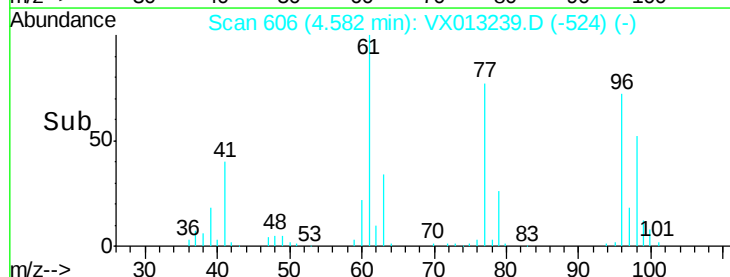
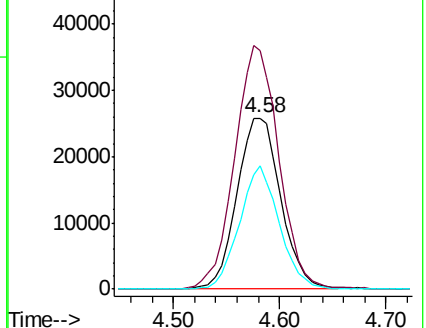
98 65.7 51.2 76.8

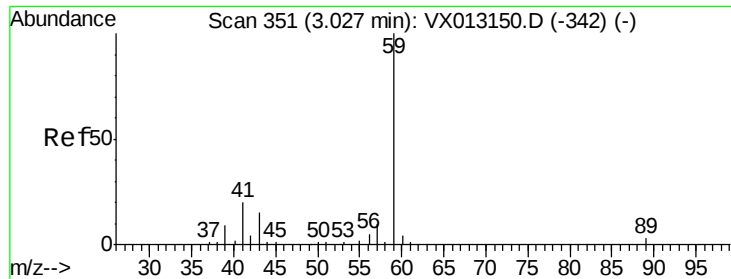


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

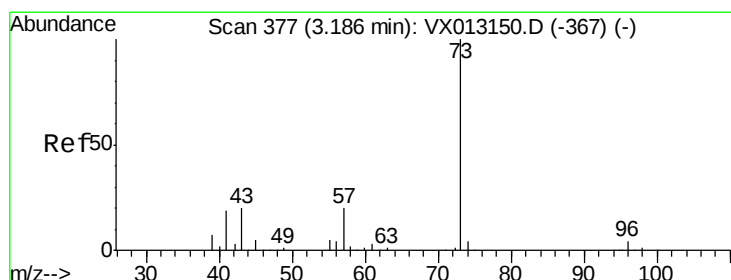
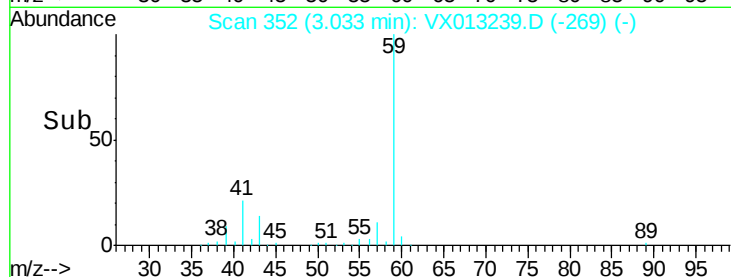
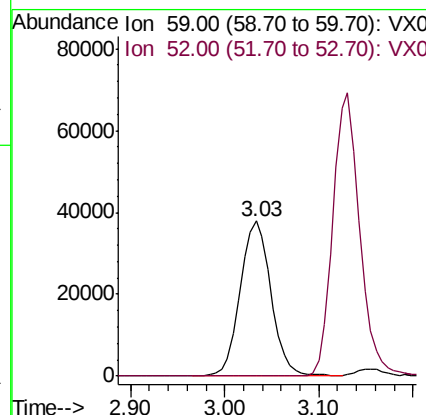
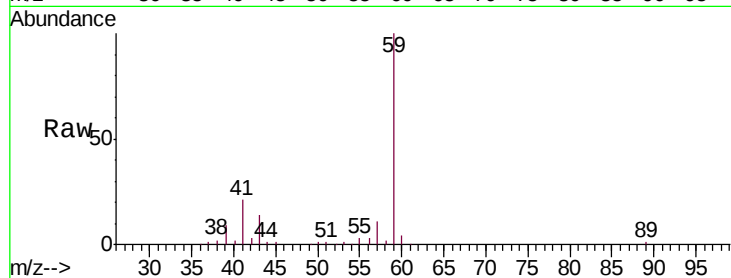




#23
 tert-Butyl Alcohol
 Concen: 227.490 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. 0.01 min
 Lab File: VX013239.D
 Acq: 28 Oct 2019 10:40

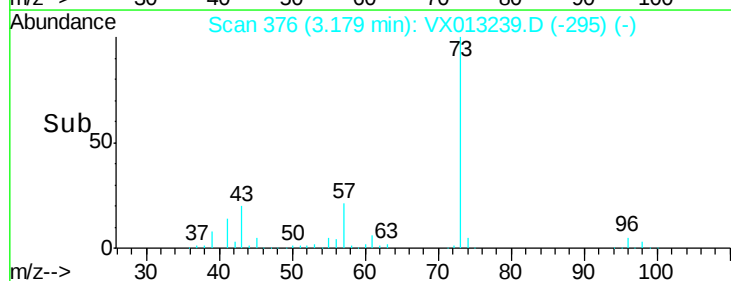
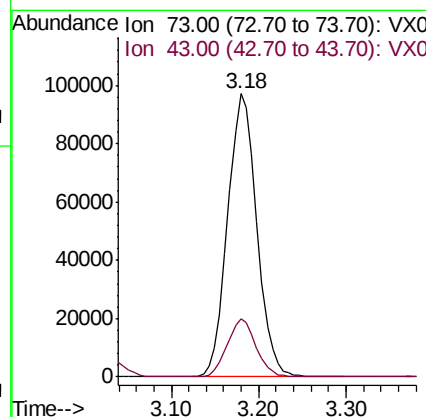
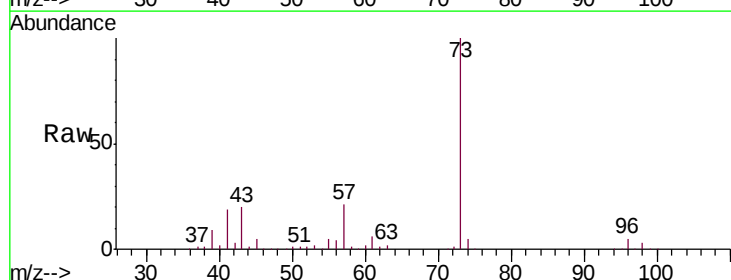
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

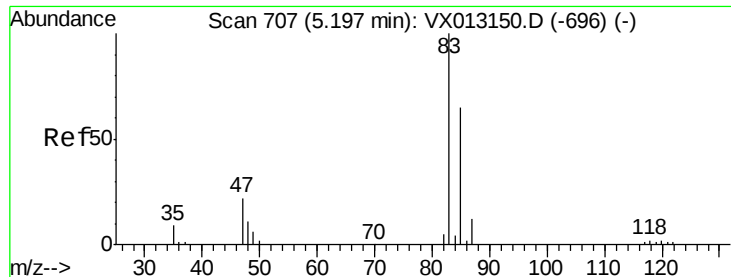
Tgt Ion: 59 Resp: 86713
 Ion Ratio Lower Upper
 59 100
 52 0.1 0.0 0.0#



#24
 Methyl tert-Butyl Ether
 Concen: 48.676 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX013239.D
 Acq: 28 Oct 2019 10:40

Tgt Ion: 73 Resp: 224894
 Ion Ratio Lower Upper
 73 100
 43 20.2 17.1 25.7

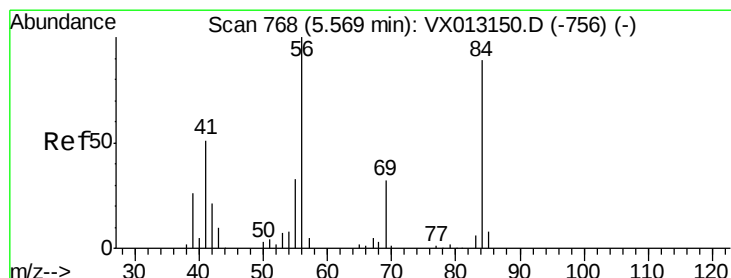
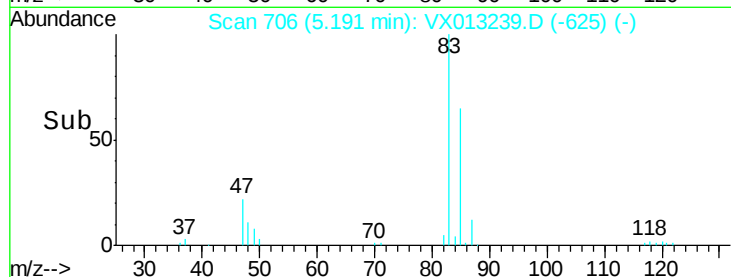
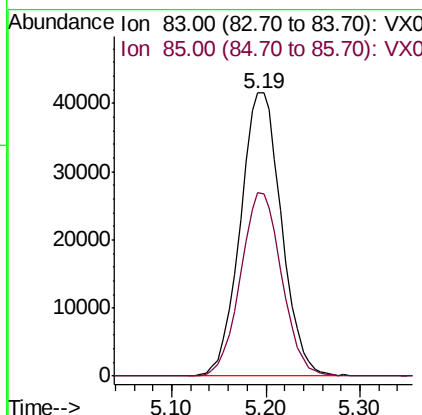
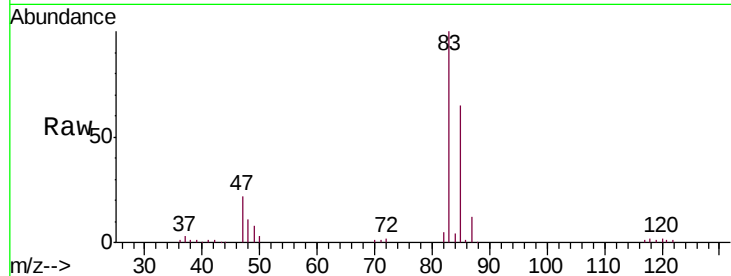




#25
Chloroform
Concen: 48.393 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX013239.D
Acq: 28 Oct 2019 10:40

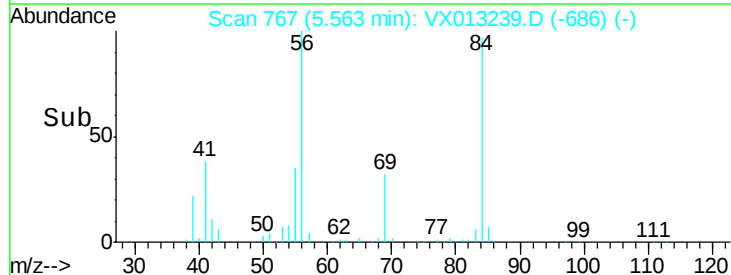
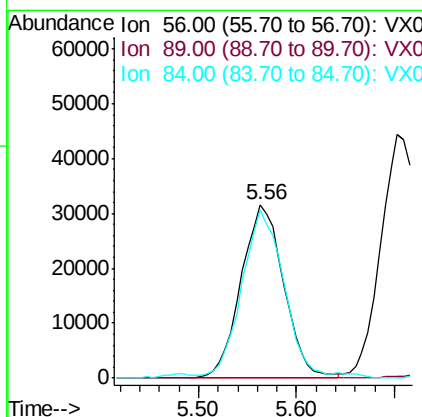
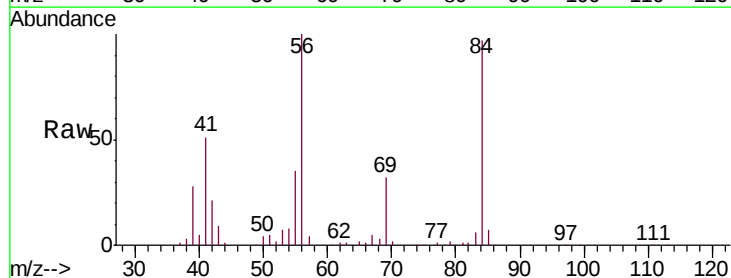
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

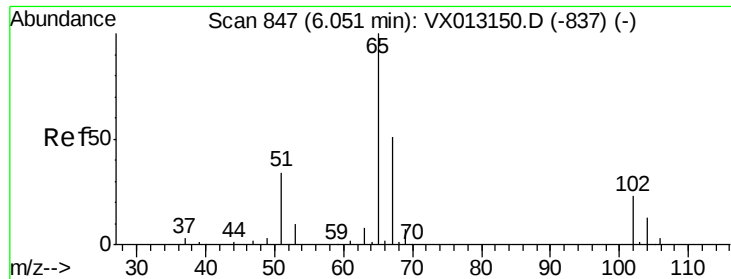
Tgt Ion: 83 Resp: 127260
Ion Ratio Lower Upper
83 100
85 64.8 52.0 78.0



#26
Cyclohexane
Concen: 43.666 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX013239.D
Acq: 28 Oct 2019 10:40

Tgt Ion: 56 Resp: 95881
Ion Ratio Lower Upper
56 100
89 0.0 0.2 0.2#
84 95.4 74.0 111.0

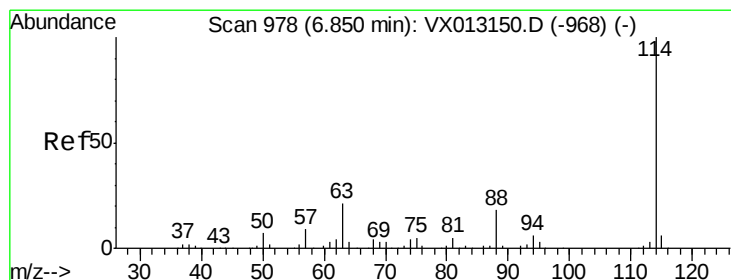
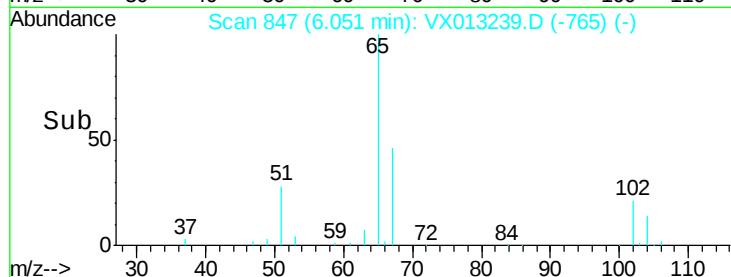
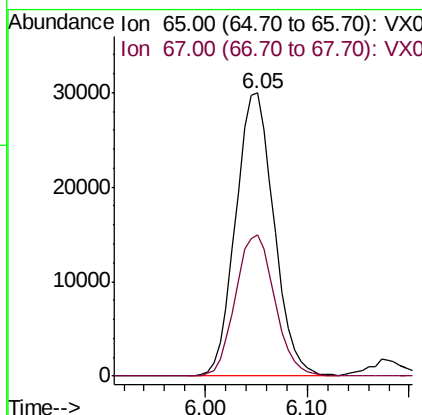
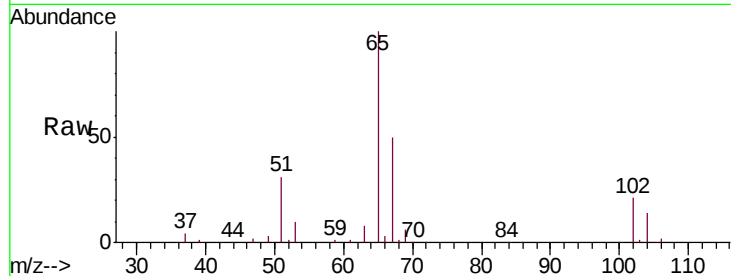




#27
 1,2-Dichloroethane-d4
 Concen: 45.558 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX013239.D
 Acq: 28 Oct 2019 10:40

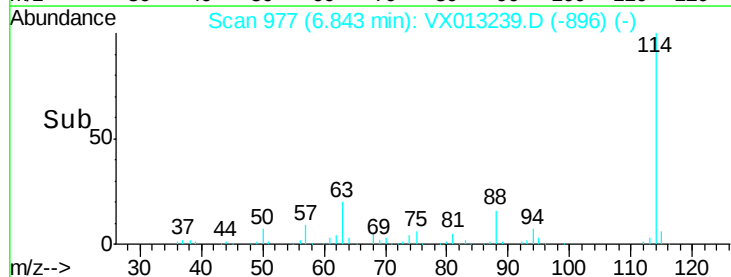
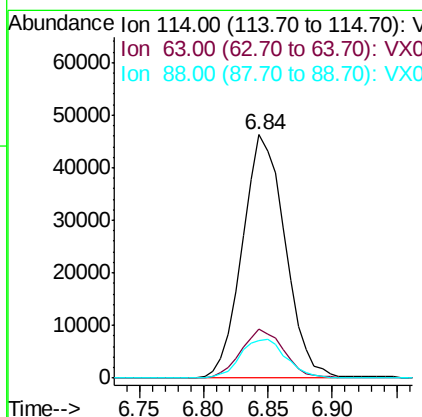
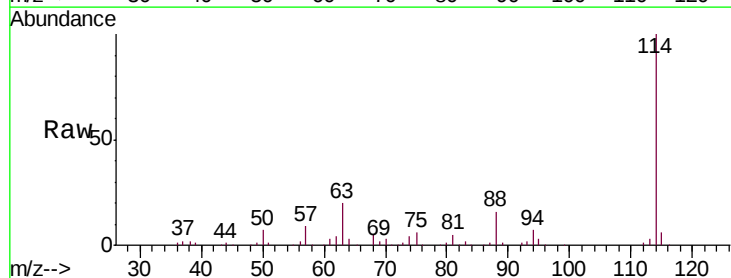
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

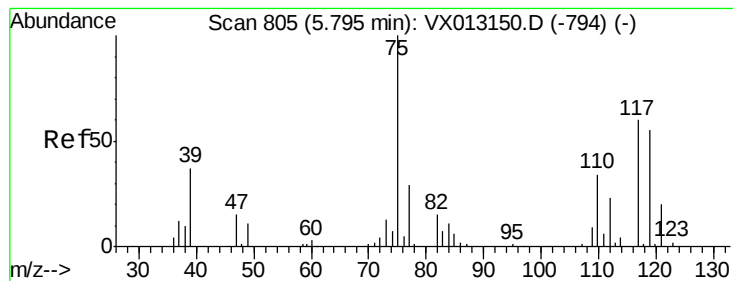
Tgt Ion: 65 Resp: 78319
 Ion Ratio Lower Upper
 65 100
 67 51.1 42.2 63.4



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX013239.D
 Acq: 28 Oct 2019 10:40

Tgt Ion: 114 Resp: 106633
 Ion Ratio Lower Upper
 114 100
 63 20.1 16.1 24.1
 88 17.2 13.7 20.5





#29

1,1-Dichloropropene

Concen: 54.098 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX013239.D

Acq: 28 Oct 2019 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

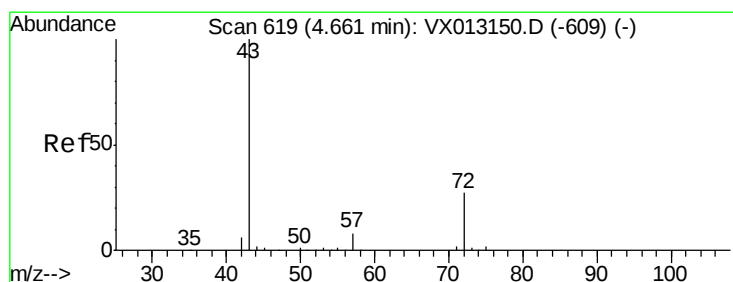
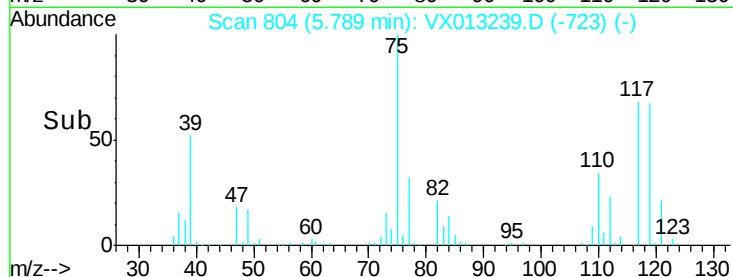
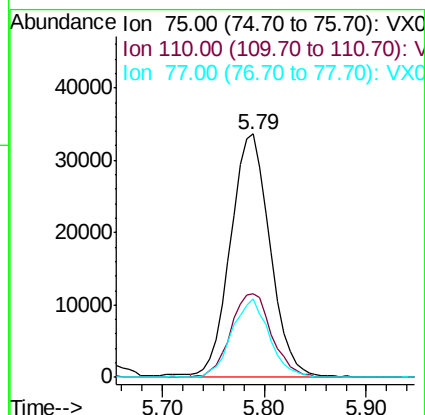
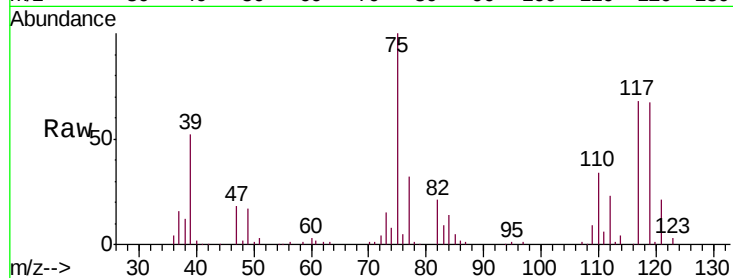
Tgt Ion: 75 Resp: 89616

Ion Ratio Lower Upper

75 100

110 35.9 0.0 68.4

77 30.5 0.0 30.8



#30

2-Butanone

Concen: 286.405 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX013239.D

Acq: 28 Oct 2019 10:40

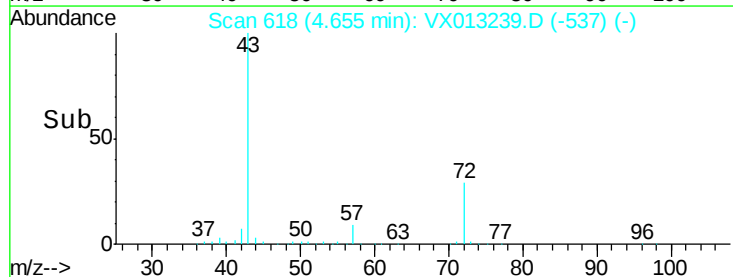
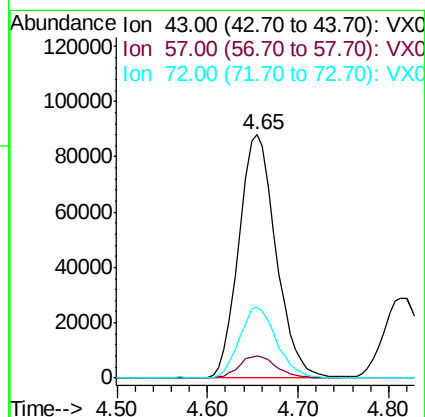
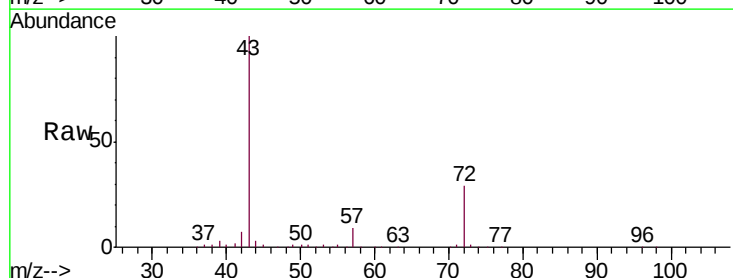
Tgt Ion: 43 Resp: 248867

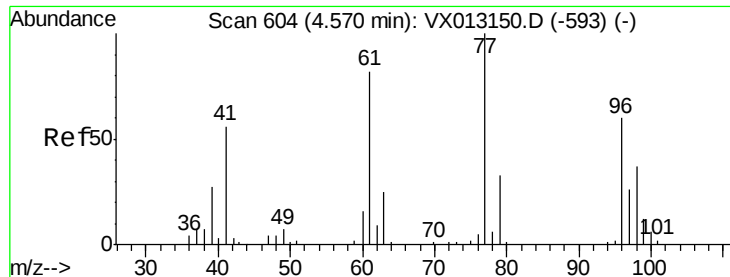
Ion Ratio Lower Upper

43 100

57 9.2 7.0 10.6

72 29.1 23.4 35.2





#31

2,2-Dichloropropane

Concen: 57.557 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX013239.D

Acq: 28 Oct 2019 10:40

Instrument :

MSVOA_X

ClientSampleId :

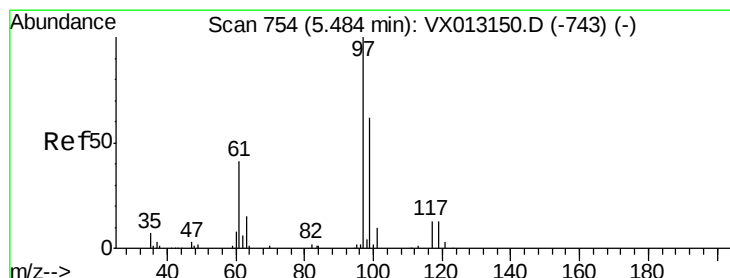
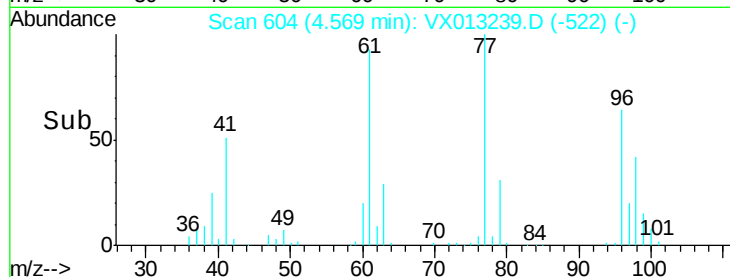
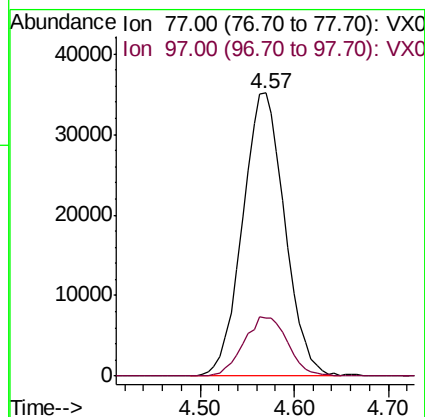
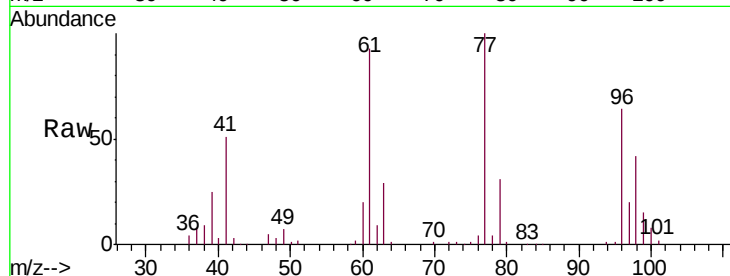
VSTDCCC050

Tgt Ion: 77 Resp: 110234

Ion Ratio Lower Upper

77 100

97 21.8 19.1 28.7



#32

1,1,1-Trichloroethane

Concen: 58.072 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.01 min

Lab File: VX013239.D

Acq: 28 Oct 2019 10:40

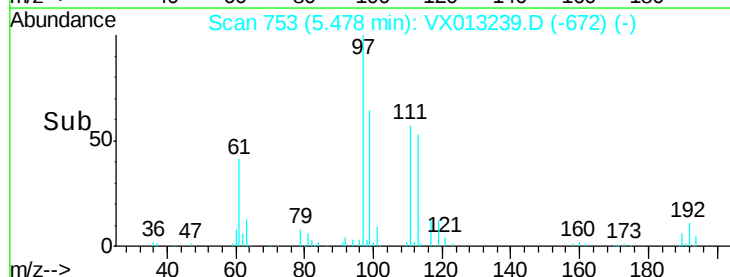
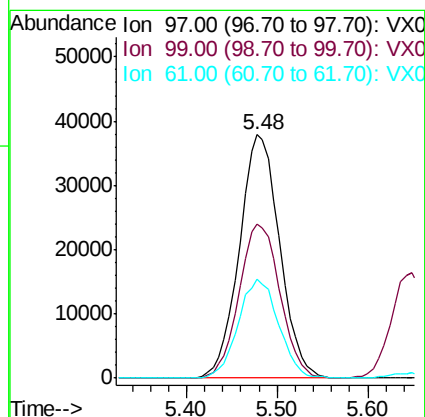
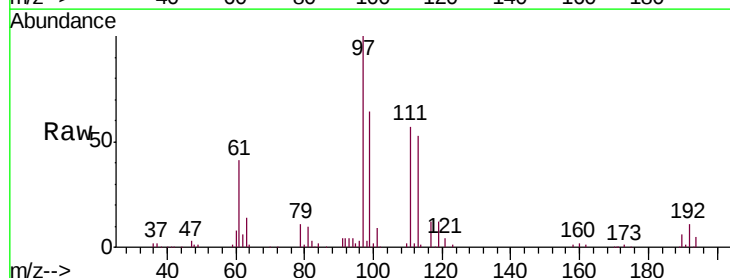
Tgt Ion: 97 Resp: 116407

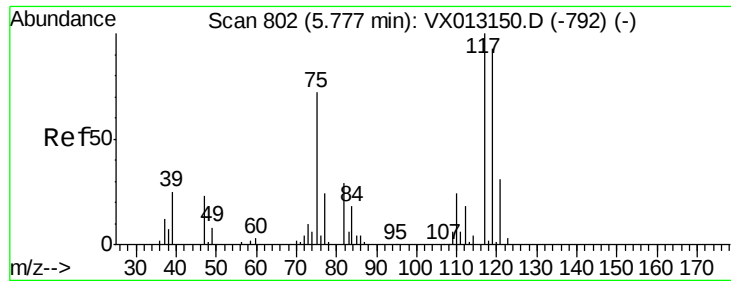
Ion Ratio Lower Upper

97 100

99 64.6 51.8 77.8

61 40.7 33.5 50.3





#33

Carbon Tetrachloride

Concen: 59.644 ug/l

RT: 5.77 min Scan# 801

Delta R.T. -0.01 min

Lab File: VX013239.D

Acq: 28 Oct 2019 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

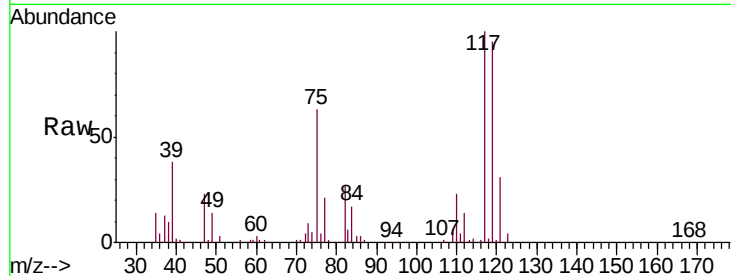
Tgt Ion:117 Resp: 102759

Ion Ratio Lower Upper

117 100

119 95.3 74.9 112.3

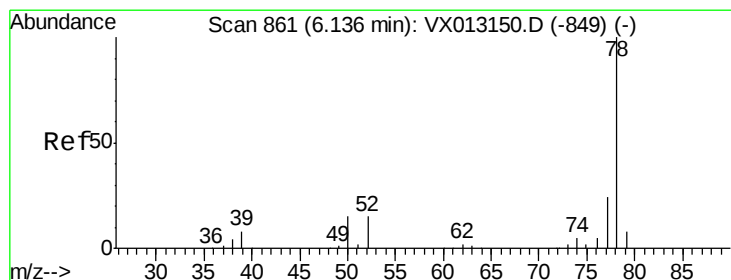
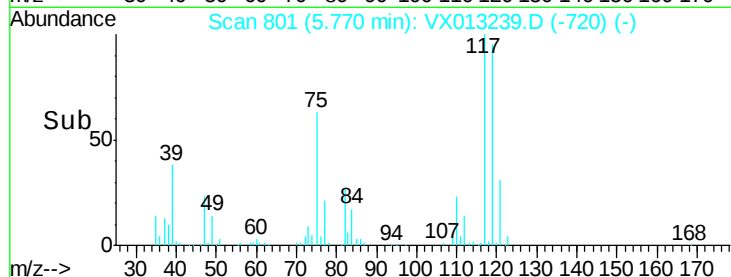
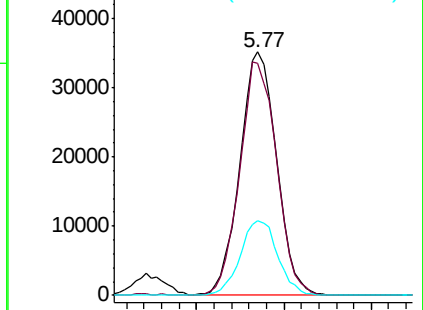
121 30.6 25.0 37.4



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 54.223 ug/l

RT: 6.13 min Scan# 860

Delta R.T. -0.01 min

Lab File: VX013239.D

Acq: 28 Oct 2019 10:40

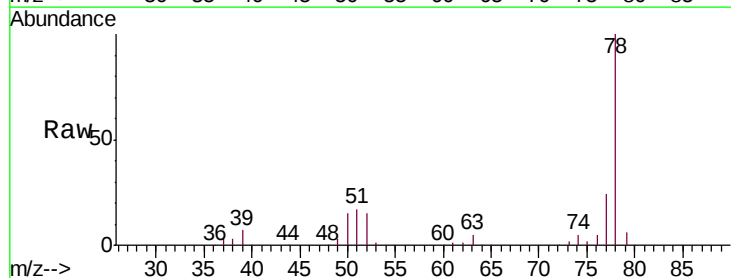
Tgt Ion: 78 Resp: 258589

Ion Ratio Lower Upper

78 100

77 23.5 19.3 28.9

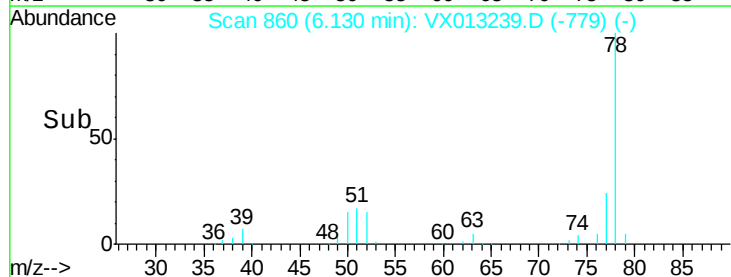
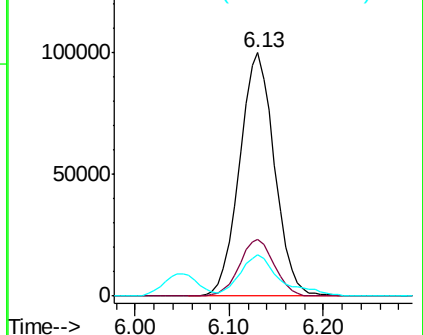
51 16.5 11.4 17.2

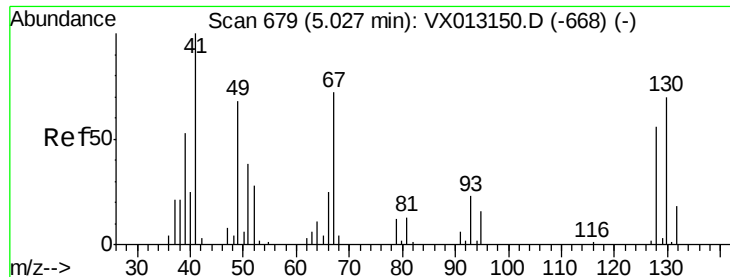


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

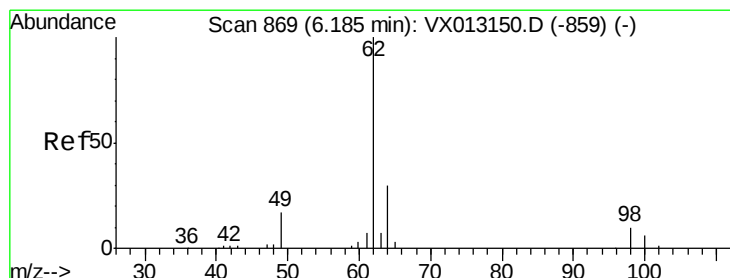
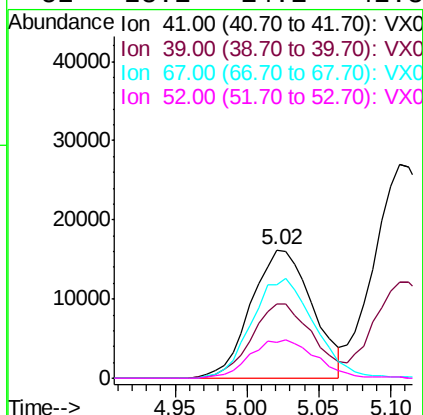
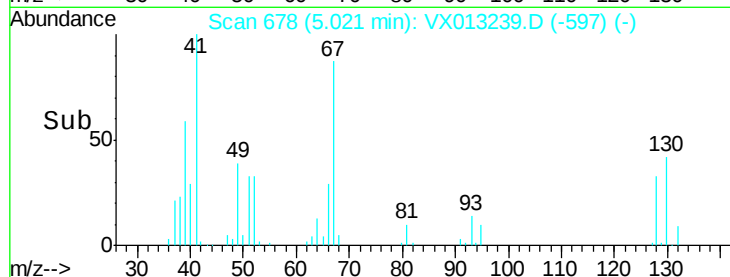
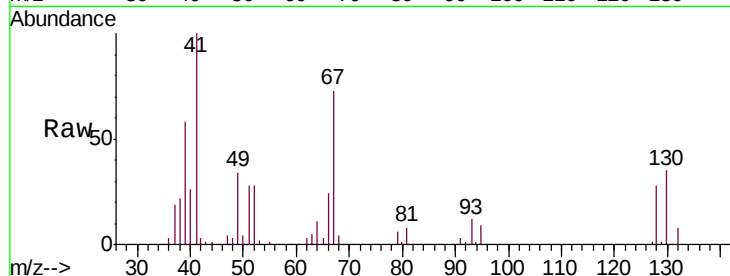




#35
Methacrylonitrile
Concen: 53.988 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX013239.D
Acq: 28 Oct 2019 10:40

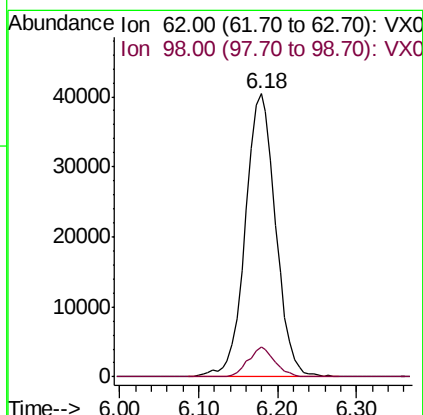
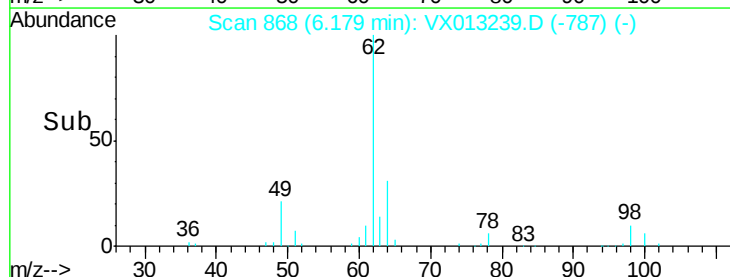
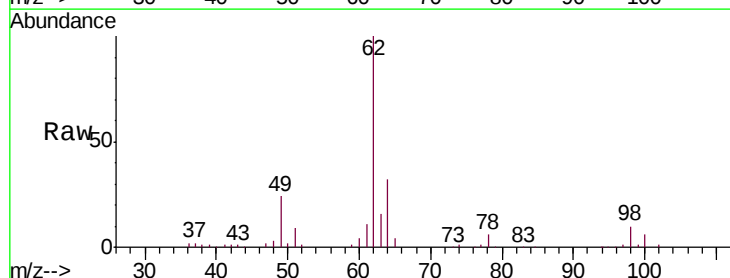
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

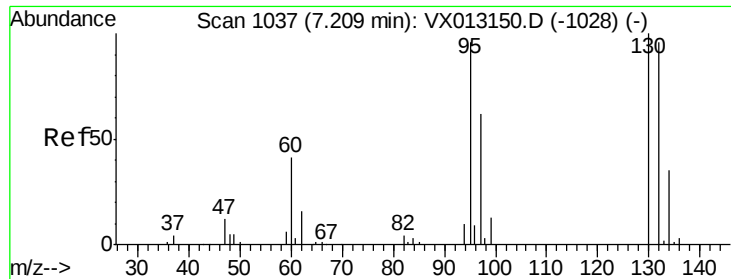
Tgt Ion: 41 Resp: 48110
Ion Ratio Lower Upper
41 100
39 57.6 26.3 78.9
67 73.4 35.8 107.4
52 28.1 14.1 42.3



#36
1,2-Dichloroethane
Concen: 59.880 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX013239.D
Acq: 28 Oct 2019 10:40

Tgt Ion: 62 Resp: 107948
Ion Ratio Lower Upper
62 100
98 9.3 8.0 12.0

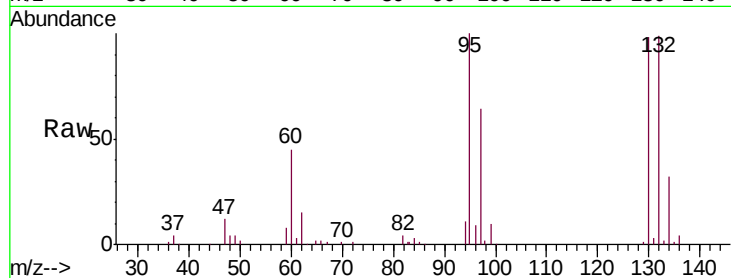




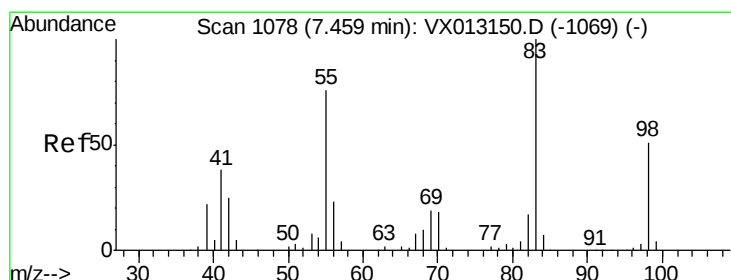
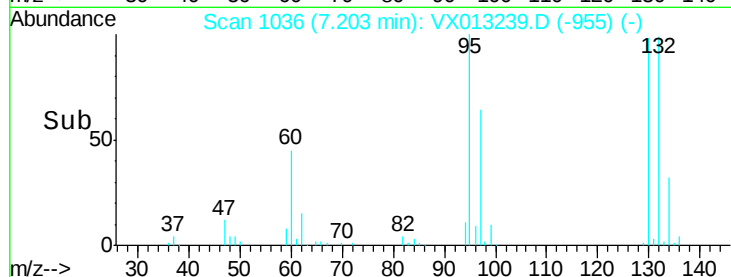
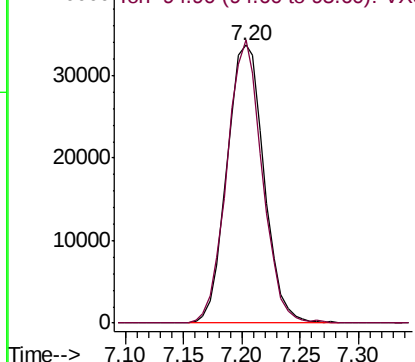
#37
 Trichloroethene
 Concen: 56.313 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX013239.D
 Acq: 28 Oct 2019 10:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:130 Resp: 74490
 Ion Ratio Lower Upper
 130 100
 95 101.7 77.0 115.6

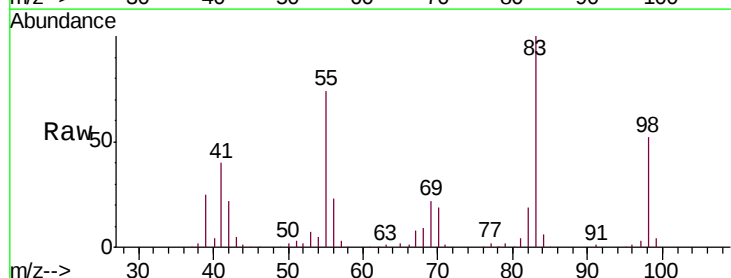


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

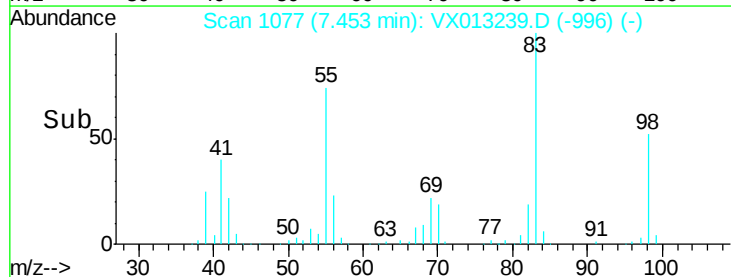
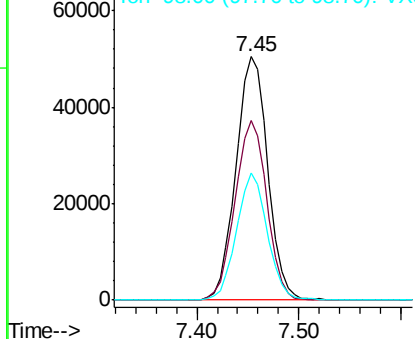


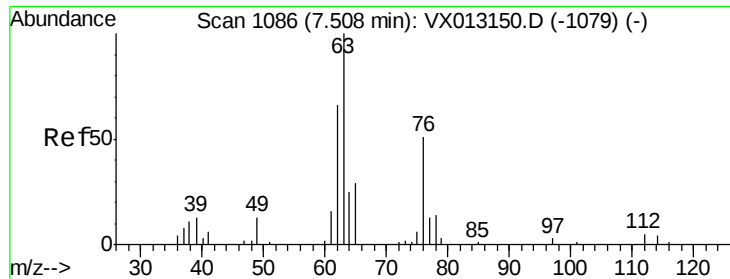
#38
 Methylcyclohexane
 Concen: 54.045 ug/l
 RT: 7.45 min Scan# 1077
 Delta R.T. -0.01 min
 Lab File: VX013239.D
 Acq: 28 Oct 2019 10:40

Tgt Ion: 83 Resp: 109185
 Ion Ratio Lower Upper
 83 100
 55 73.5 37.5 112.5
 98 50.4 25.4 76.0



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

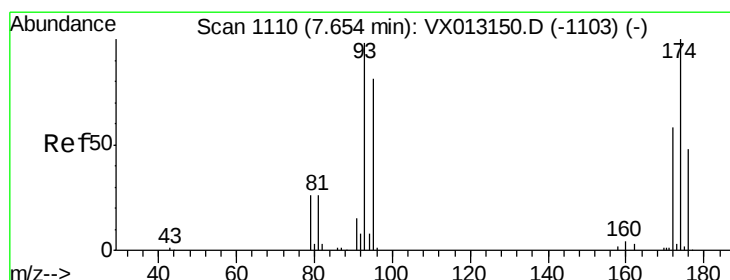
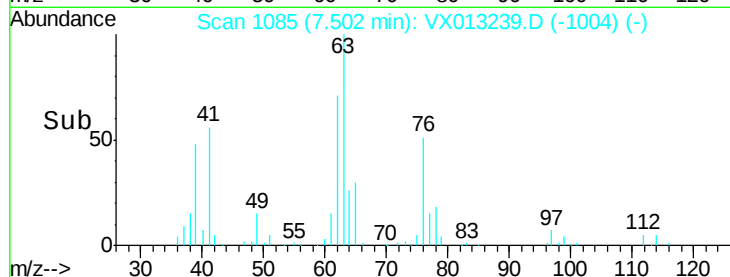
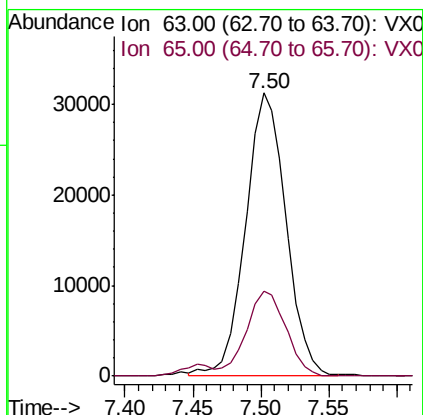
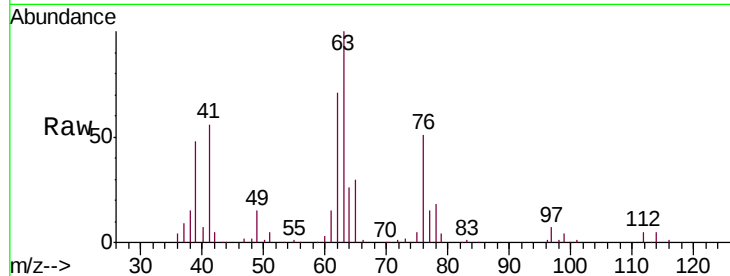




#39
 1,2-Dichloropropane
 Concen: 55.724 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX013239.D
 Acq: 28 Oct 2019 10:40

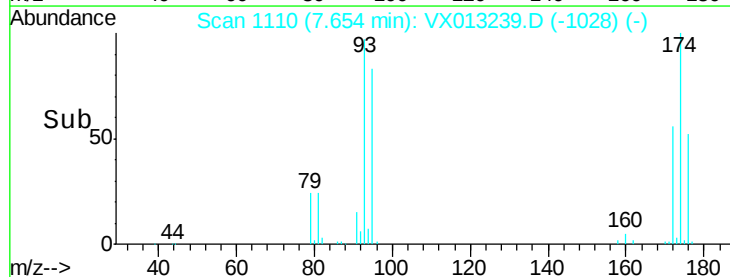
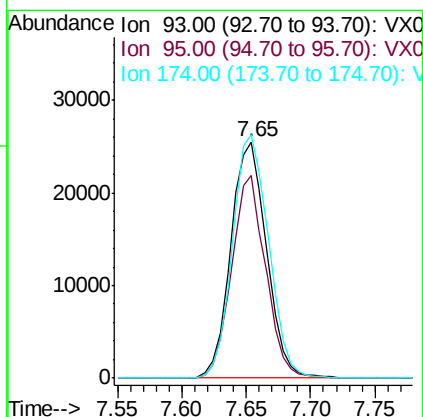
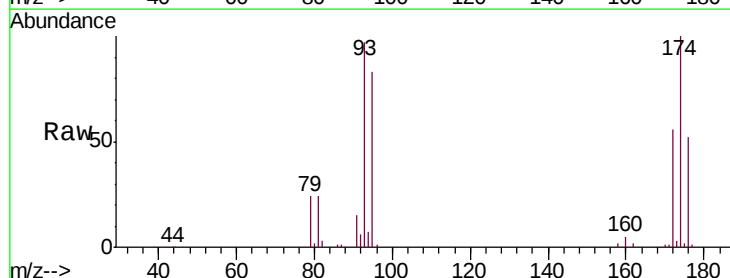
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

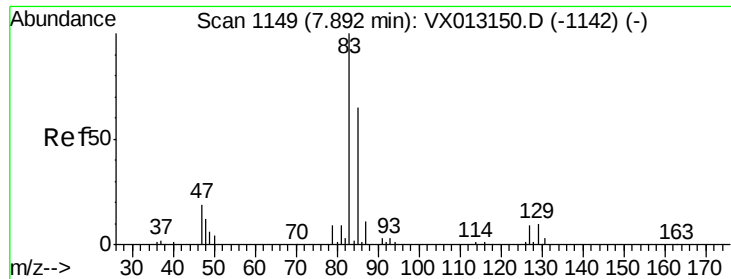
Tgt Ion: 63 Resp: 65226
 Ion Ratio Lower Upper
 63 100
 65 29.7 24.8 37.2



#40
 Dibromomethane
 Concen: 58.742 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX013239.D
 Acq: 28 Oct 2019 10:40

Tgt Ion: 93 Resp: 49114
 Ion Ratio Lower Upper
 93 100
 95 81.8 0.0 166.0
 174 104.1 0.0 208.8

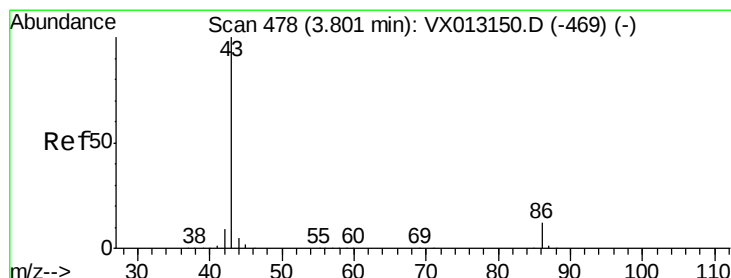
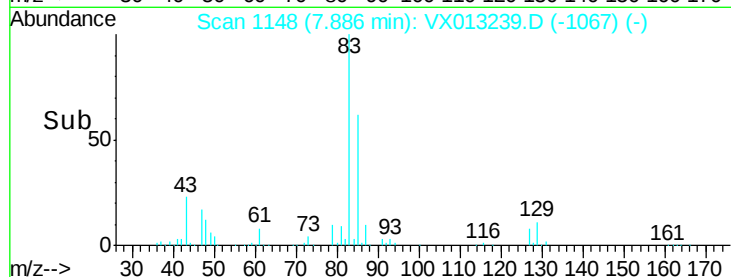
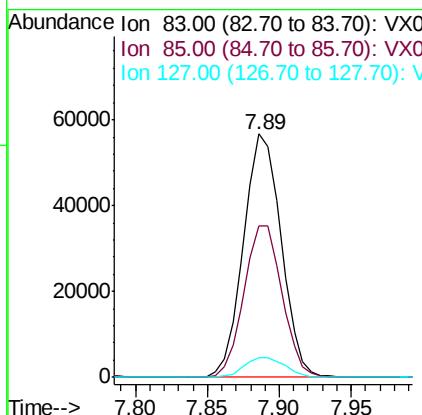
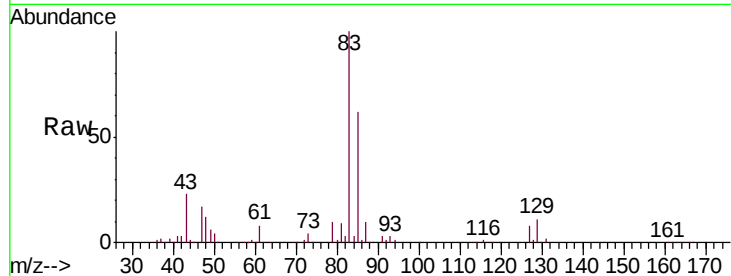




#41
 Bromodichloromethane
 Concen: 60.999 ug/l
 RT: 7.89 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: VX013239.D
 Acq: 28 Oct 2019 10:40

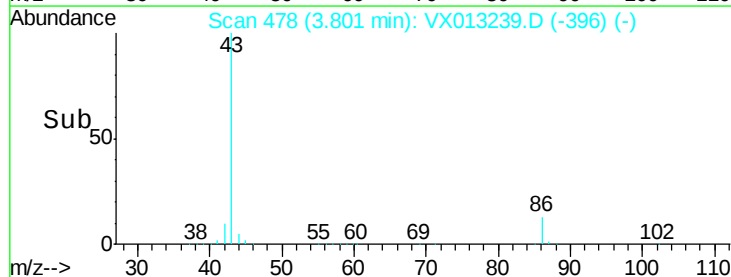
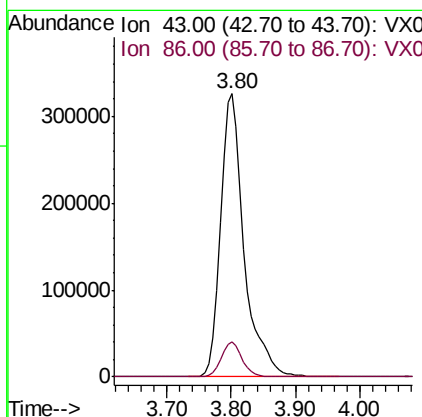
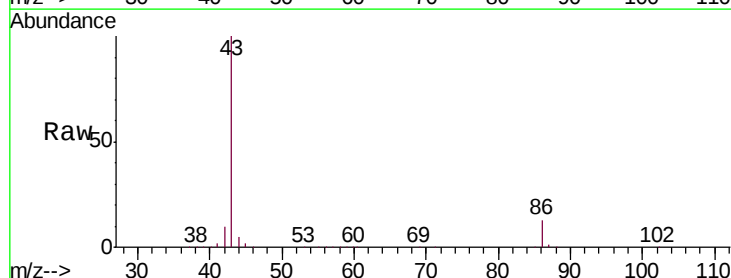
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

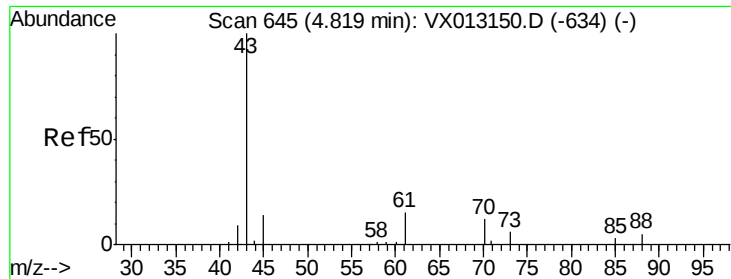
Tgt Ion: 83 Resp: 102836
 Ion Ratio Lower Upper
 83 100
 85 62.4 52.1 78.1
 127 8.2 7.5 11.3



#42
 Vinyl Acetate
 Concen: 277.859 ug/l
 RT: 3.80 min Scan# 478
 Delta R.T. -0.00 min
 Lab File: VX013239.D
 Acq: 28 Oct 2019 10:40

Tgt Ion: 43 Resp: 837255
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.6 12.8





#43

Ethyl Acetate

Concen: 55.822 ug/l

RT: 4.81 min Scan# 644

Delta R.T. -0.01 min

Lab File: VX013239.D

Acq: 28 Oct 2019 10:40

Instrument :

MSVOA_X

ClientSampleId :

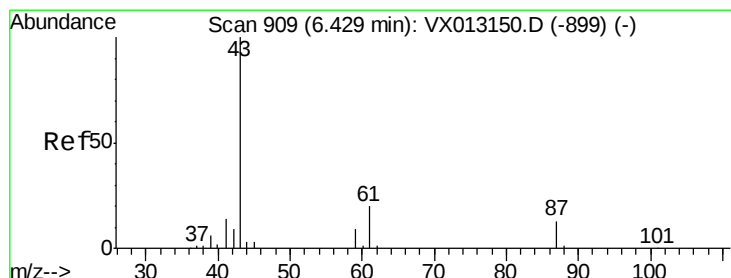
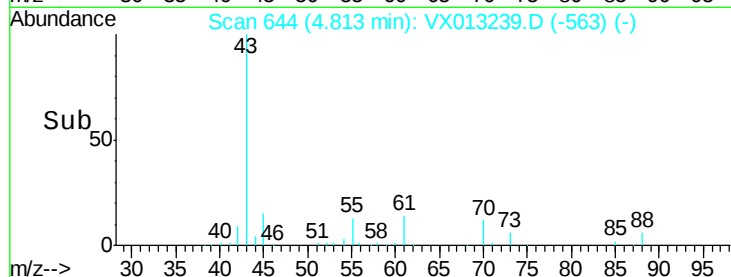
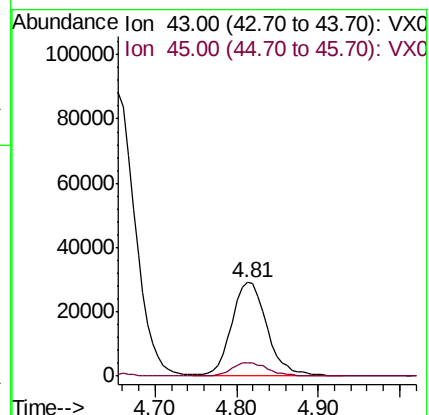
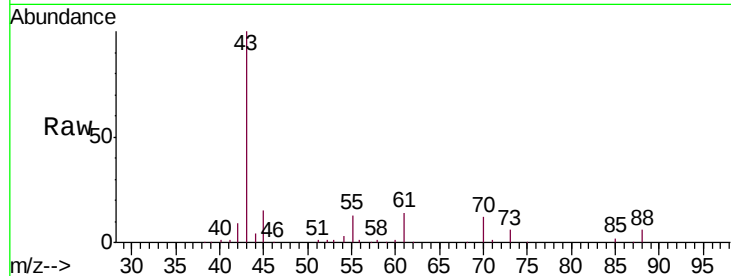
VSTDCCC050

Tgt Ion: 43 Resp: 88471

Ion Ratio Lower Upper

43 100

45 14.9 12.6 18.8



#44

Isopropyl Acetate

Concen: 55.179 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.00 min

Lab File: VX013239.D

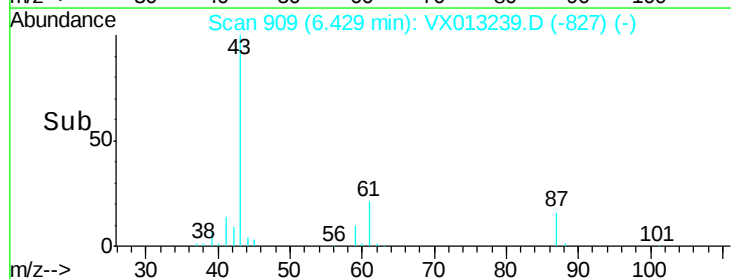
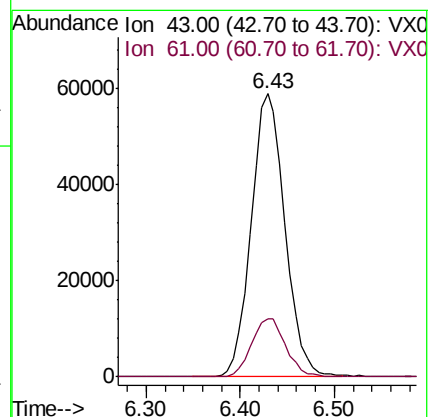
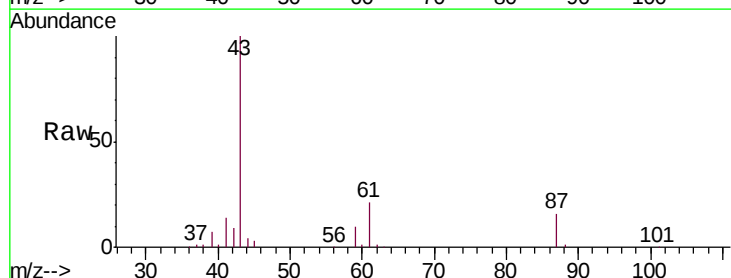
Acq: 28 Oct 2019 10:40

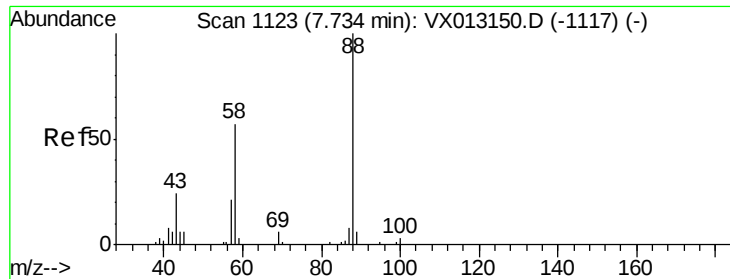
Tgt Ion: 43 Resp: 146977

Ion Ratio Lower Upper

43 100

61 21.0 16.8 25.2

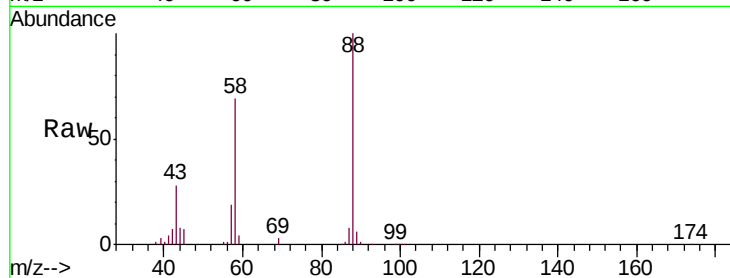




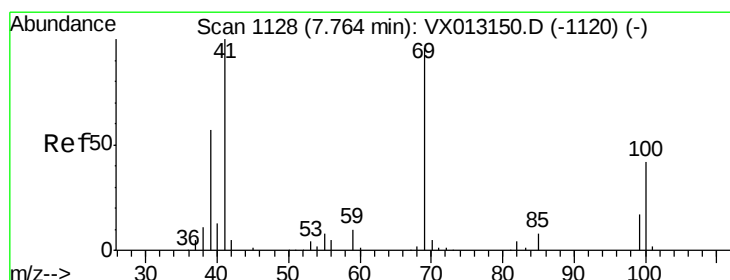
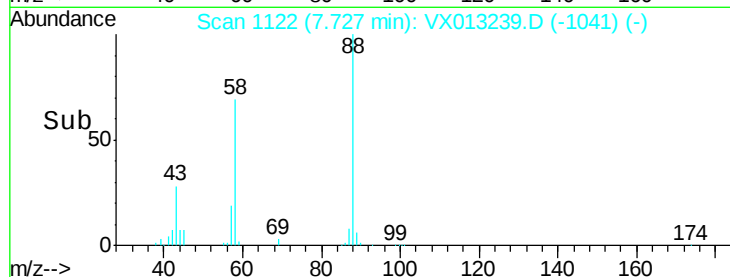
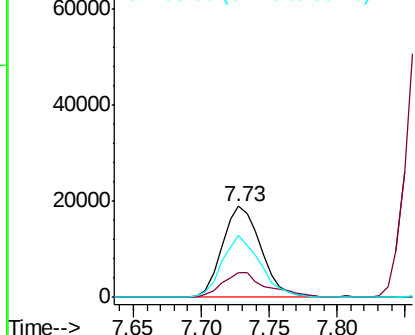
#45
1,4-Dioxane
Concen: 1108.842 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX013239.D
Acq: 28 Oct 2019 10:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 37352
Ion Ratio Lower Upper
88 100
43 31.8 24.0 36.0
58 67.1 52.8 79.2

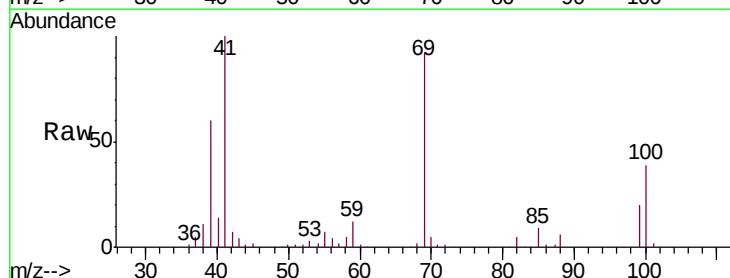


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

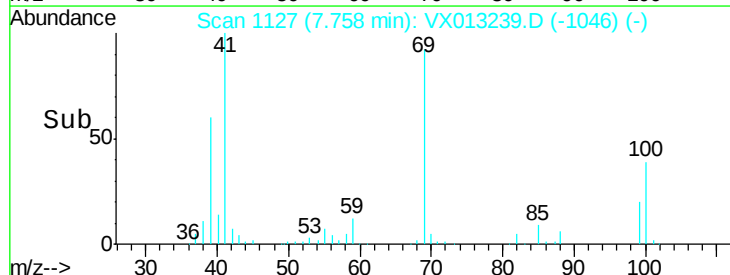
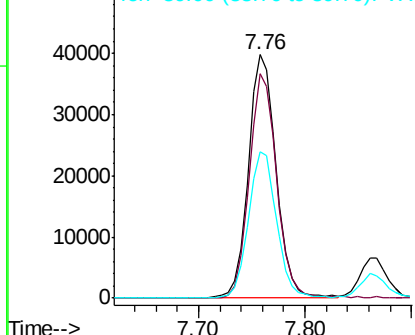


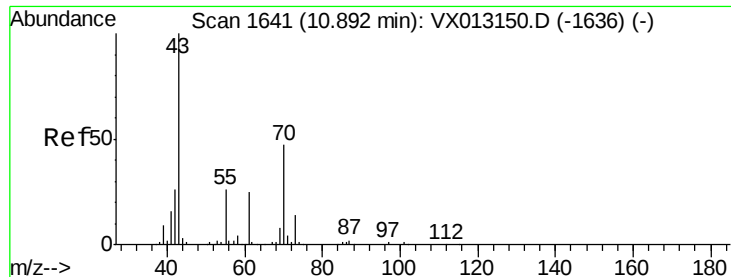
#46
Methyl methacrylate
Concen: 55.516 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX013239.D
Acq: 28 Oct 2019 10:40

Tgt Ion: 41 Resp: 72764
Ion Ratio Lower Upper
41 100
69 92.3 47.8 143.3
39 60.3 28.5 85.5



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





#47

n-amy1 Acetate

Concen: 57.744 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013239.D

Acq: 28 Oct 2019 10:40

Instrument :

MSVOA_X

ClientSampleId :

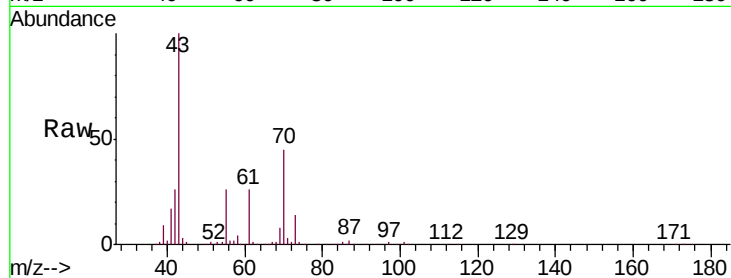
VSTDCCC050

Tgt Ion: 43 Resp: 129651

Ion Ratio Lower Upper

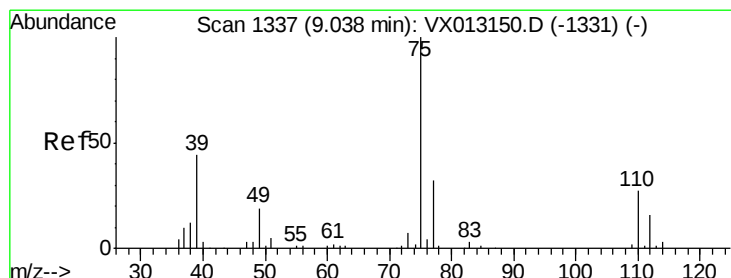
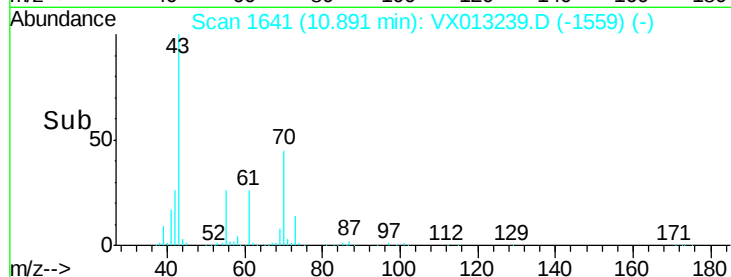
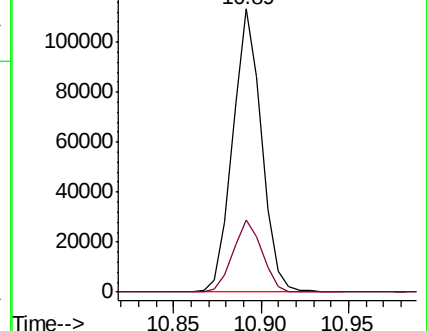
43 100

55 25.8 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#48

t-1,3-Dichloropropene

Concen: 60.900 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX013239.D

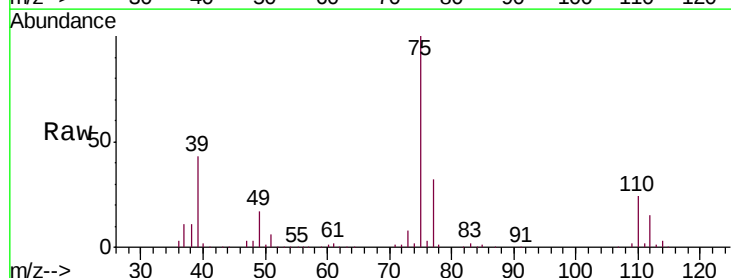
Acq: 28 Oct 2019 10:40

Tgt Ion: 75 Resp: 112622

Ion Ratio Lower Upper

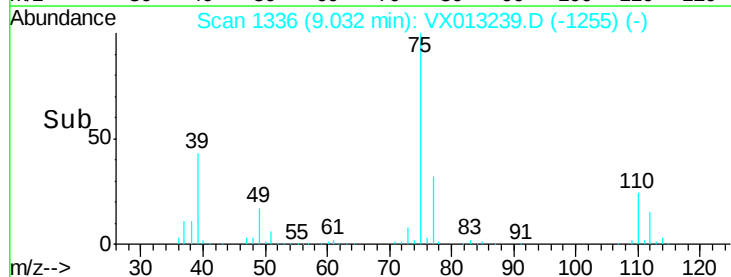
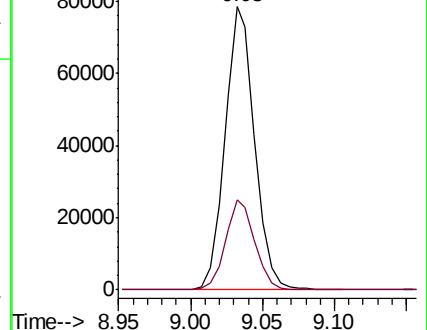
75 100

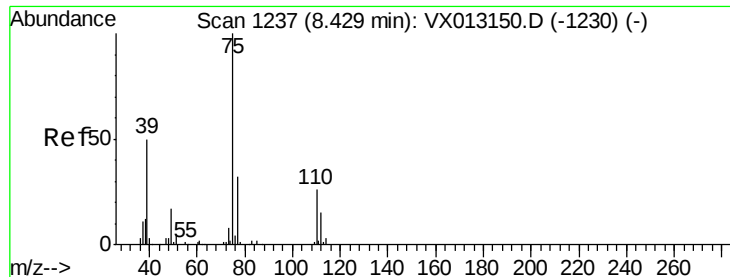
77 31.8 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

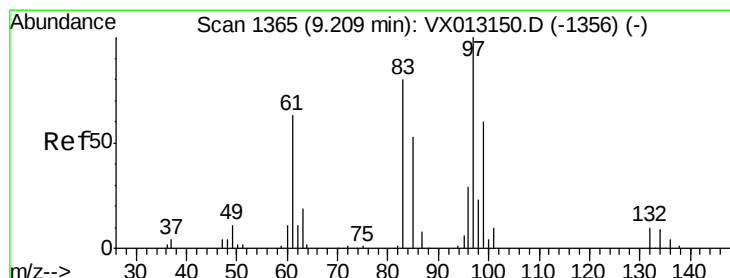
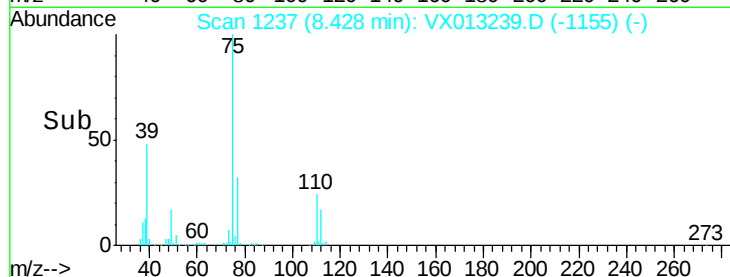
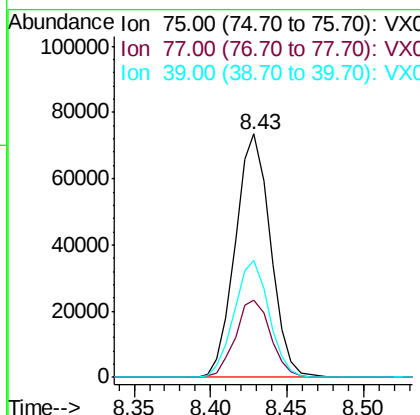
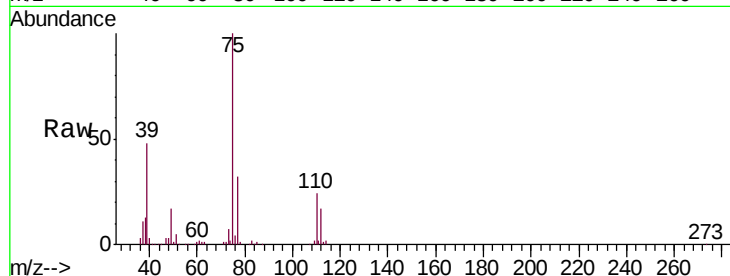




#49
 cis-1,3-Dichloropropene
 Concen: 58.280 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX013239.D
 Acq: 28 Oct 2019 10:40

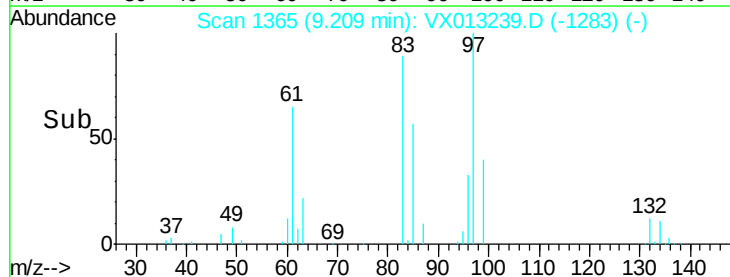
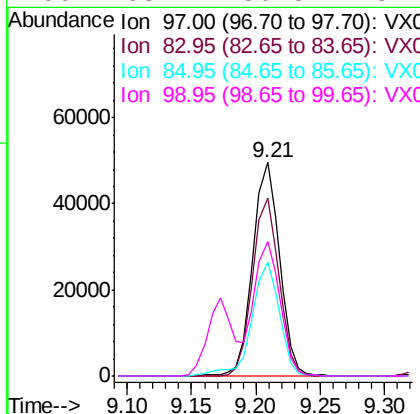
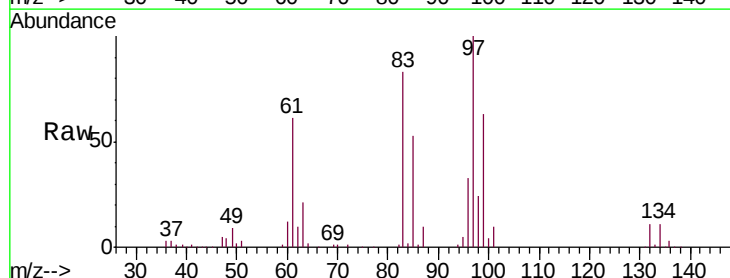
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

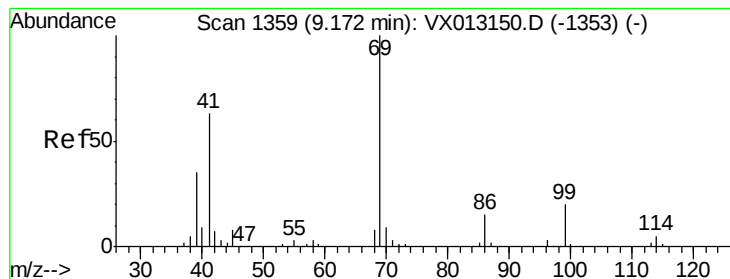
Tgt Ion: 75 Resp: 117270
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.8 38.8
 39 47.7 39.7 59.5



#50
 1,1,2-Trichloroethane
 Concen: 57.753 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013239.D
 Acq: 28 Oct 2019 10:40

Tgt Ion: 97 Resp: 71310
 Ion Ratio Lower Upper
 97 100
 83 83.5 64.2 96.4
 85 53.5 42.7 64.1
 99 63.1 50.5 75.7





#51

Ethyl methacrylate

Concen: 57.313 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX013239.D

Acq: 28 Oct 2019 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

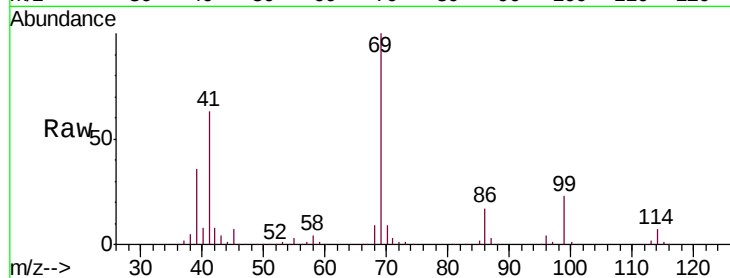
Tgt Ion: 69 Resp: 110961

Ion Ratio Lower Upper

69 100

41 63.3 31.6 95.0

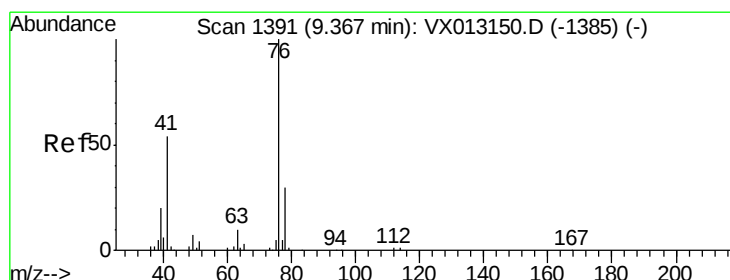
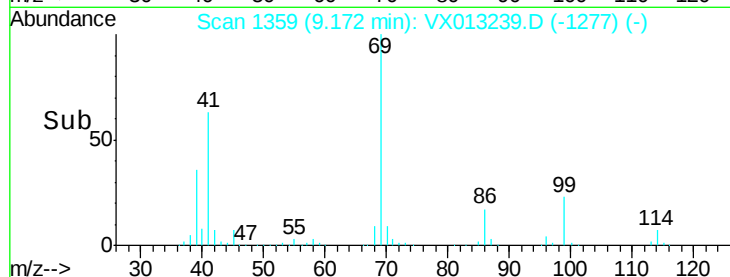
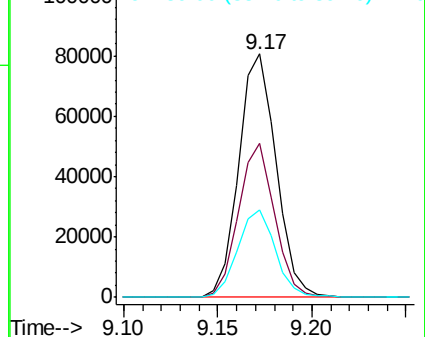
39 36.0 17.7 53.1



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



#52

1,3-Dichloropropane

Concen: 56.930 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013239.D

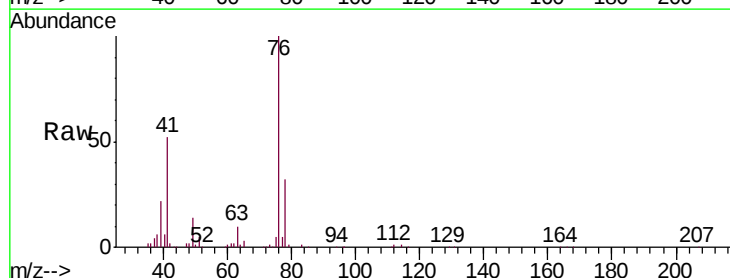
Acq: 28 Oct 2019 10:40

Tgt Ion: 76 Resp: 118376

Ion Ratio Lower Upper

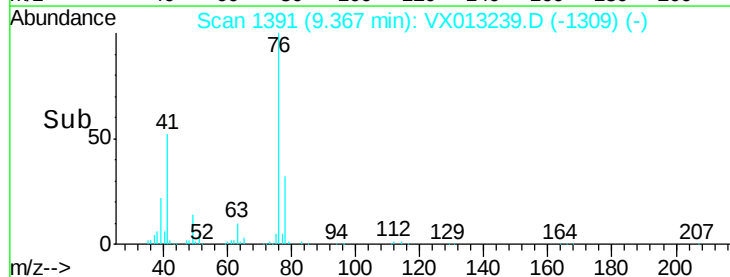
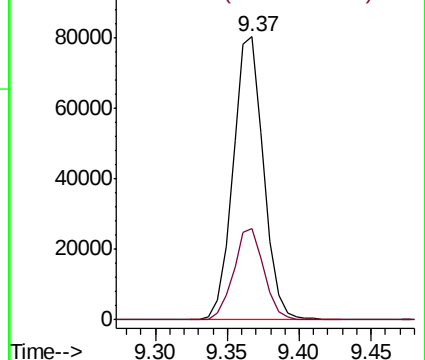
76 100

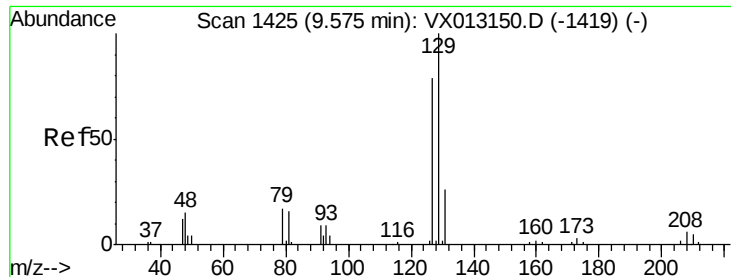
78 32.2 0.0 64.6



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

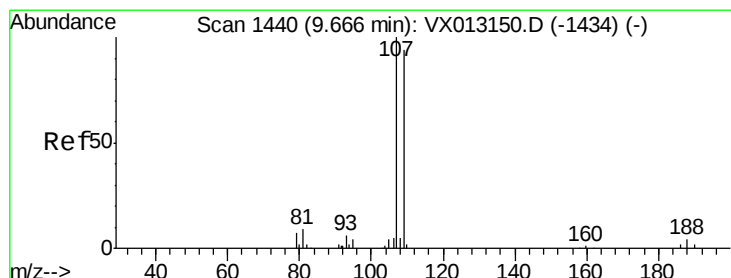
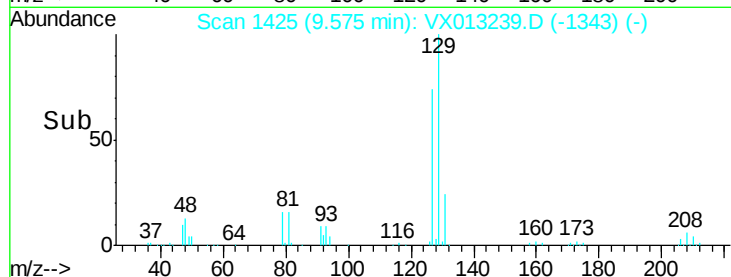
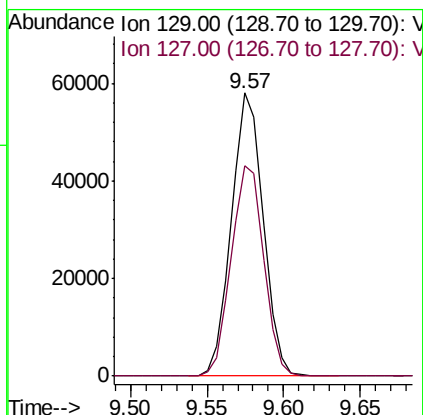
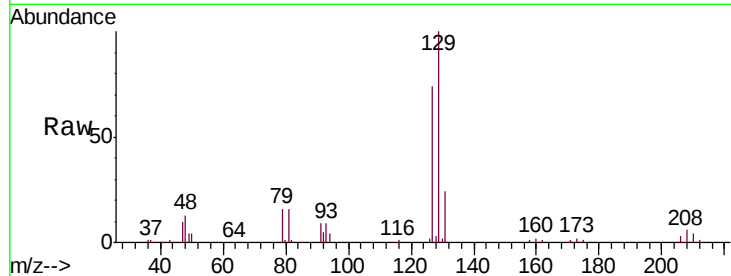




#53
 Dibromochloromethane
 Concen: 62.783 ug/l
 RT: 9.57 min Scan# 1425
 Delta R.T. -0.00 min
 Lab File: VX013239.D
 Acq: 28 Oct 2019 10:40

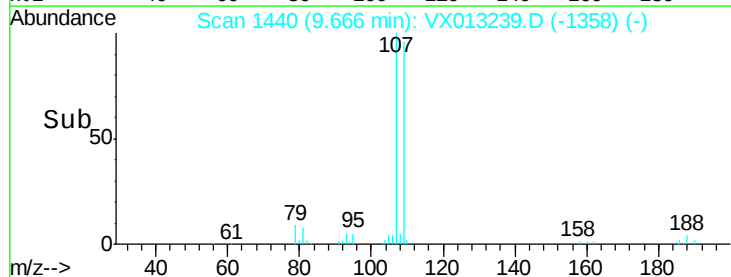
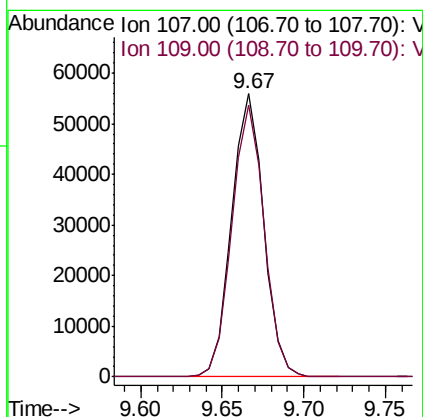
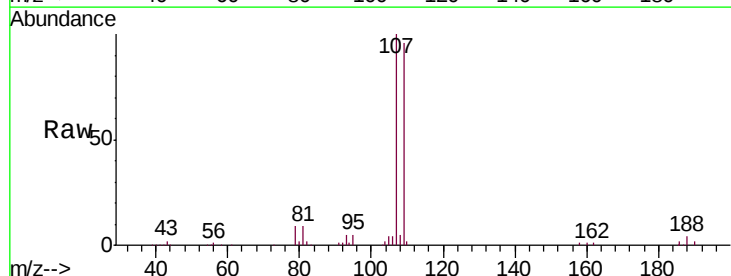
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

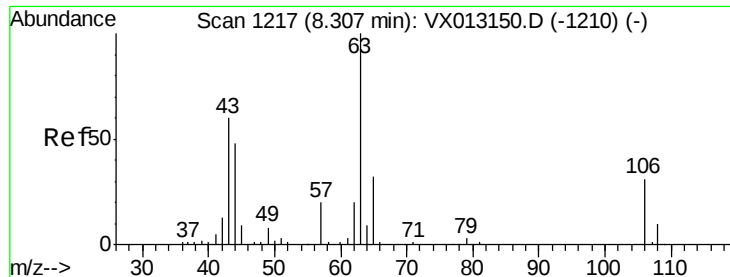
Tgt Ion:129 Resp: 83620
 Ion Ratio Lower Upper
 129 100
 127 75.6 39.4 118.2



#54
 1,2-Dibromoethane
 Concen: 58.219 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX013239.D
 Acq: 28 Oct 2019 10:40

Tgt Ion:107 Resp: 76861
 Ion Ratio Lower Upper
 107 100
 109 96.3 75.4 113.0

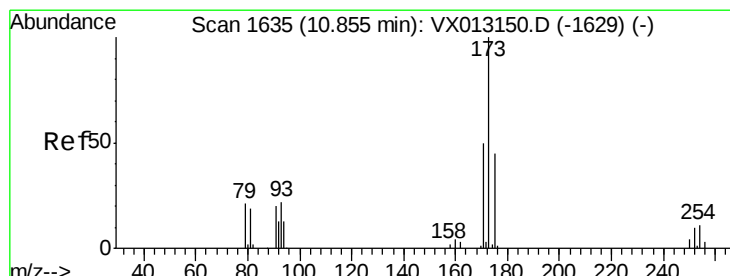
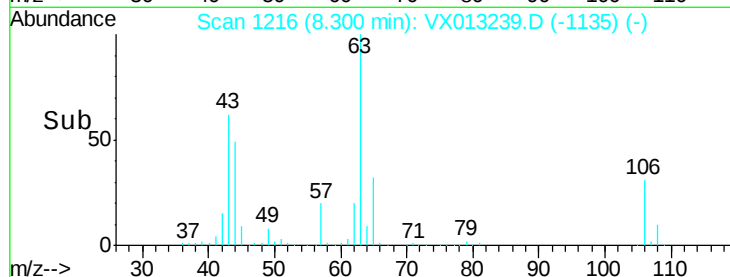
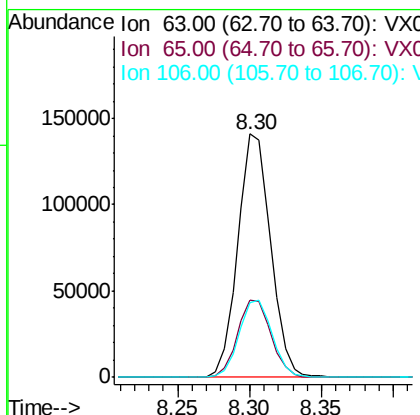
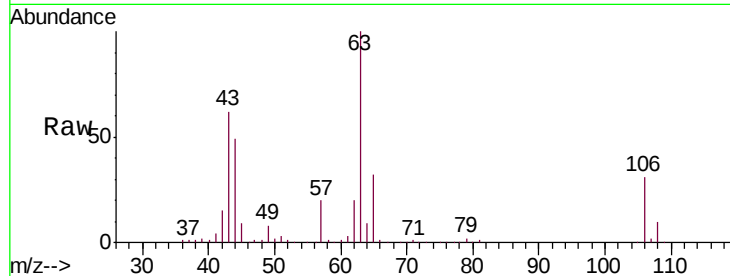




#55
 2-Chloroethyl vinyl ether
 Concen: 284.420 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX013239.D
 Acq: 28 Oct 2019 10:40

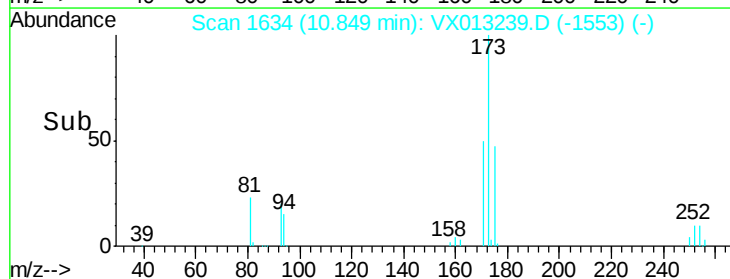
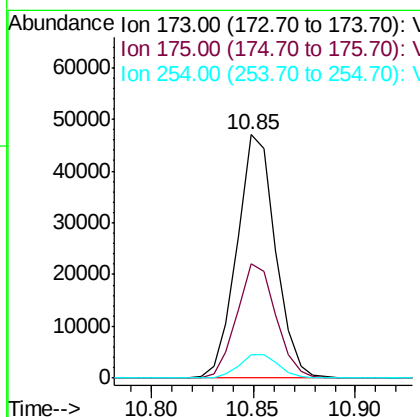
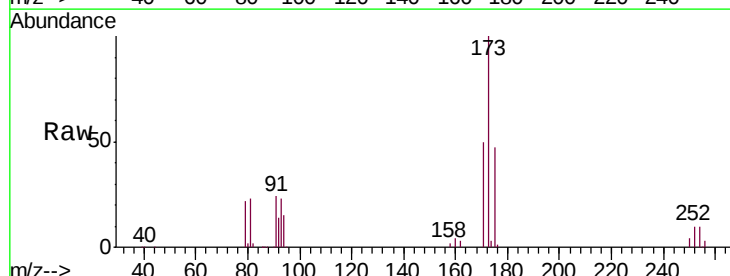
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

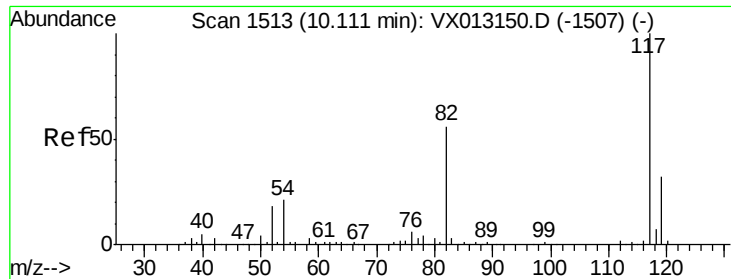
Tgt Ion: 63 Resp: 223683
 Ion Ratio Lower Upper
 63 100
 65 32.5 25.5 38.3
 106 31.9 24.8 37.2



#56
 Bromoform
 Concen: 65.480 ug/l
 RT: 10.85 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: VX013239.D
 Acq: 28 Oct 2019 10:40

Tgt Ion: 173 Resp: 61873
 Ion Ratio Lower Upper
 173 100
 175 47.3 39.0 58.4
 254 9.9 8.1 12.1

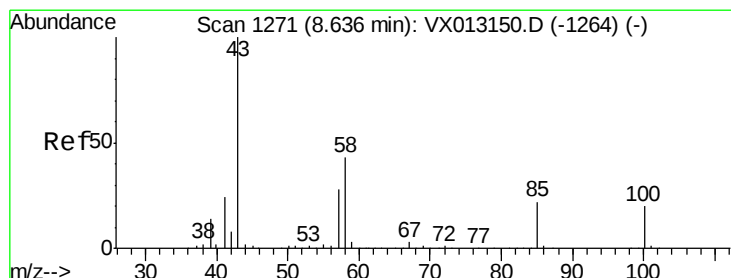
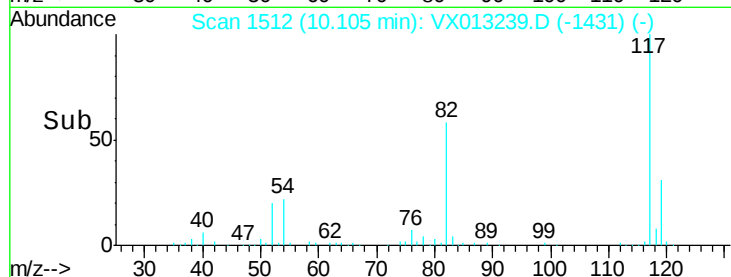
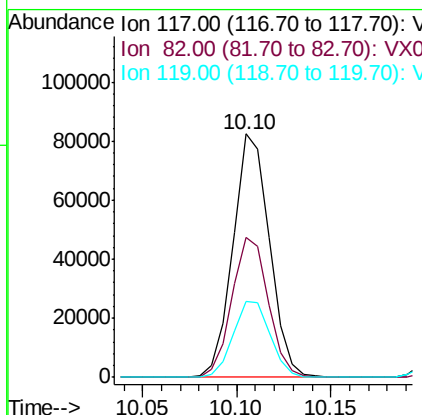
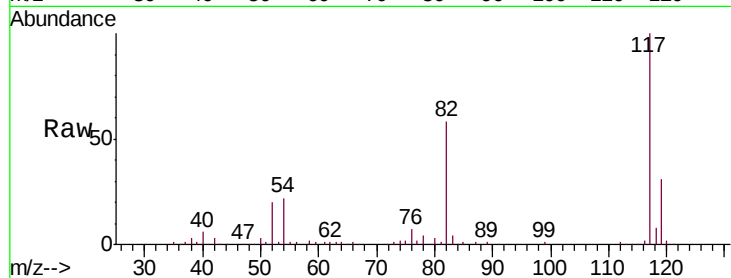




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013239.D
Acq: 28 Oct 2019 10:40

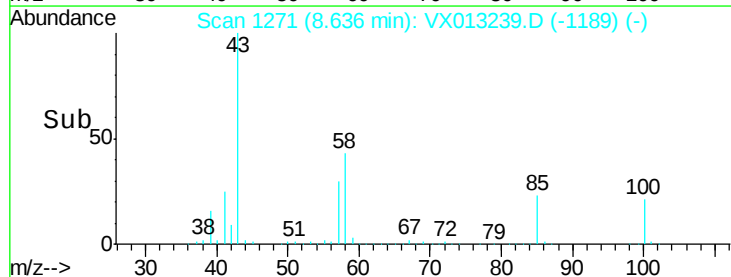
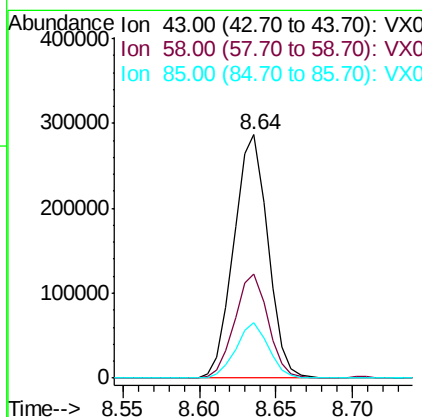
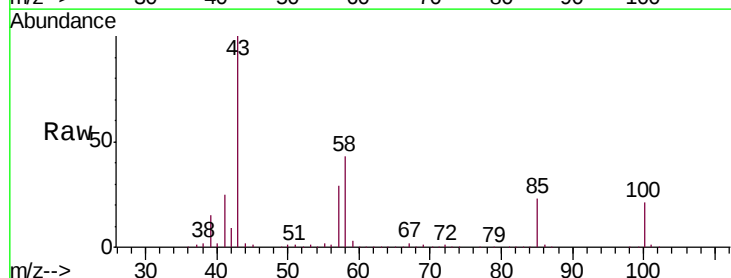
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

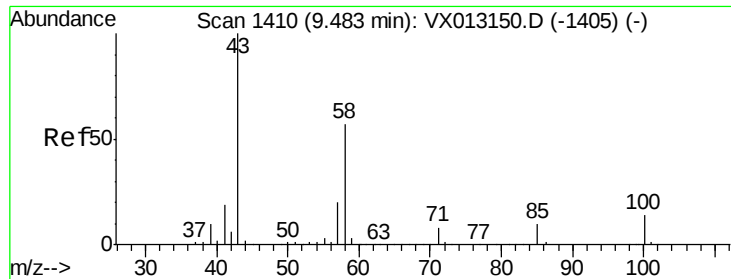
Tgt Ion: 117 Resp: 110840
Ion Ratio Lower Upper
117 100
82 57.4 46.0 69.0
119 31.9 25.4 38.0



#58
4-Methyl-2-Pentanone
Concen: 237.667 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX013239.D
Acq: 28 Oct 2019 10:40

Tgt Ion: 43 Resp: 443889
Ion Ratio Lower Upper
43 100
58 41.8 33.8 50.8
85 21.9 16.8 25.2

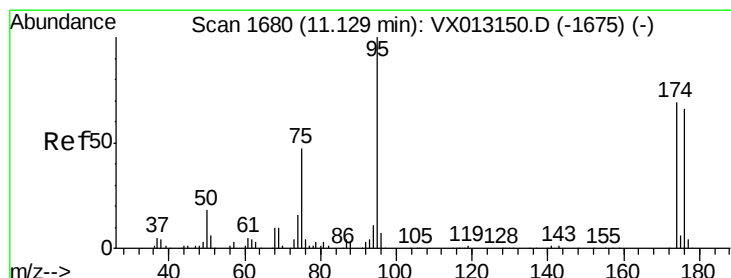
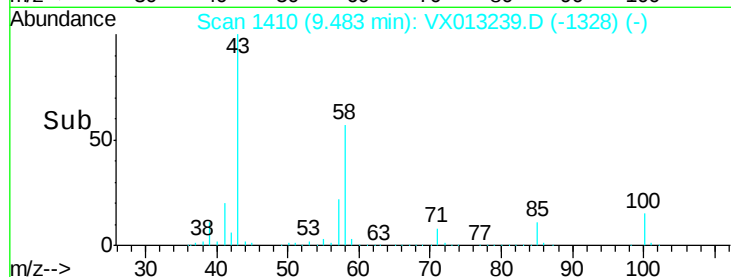
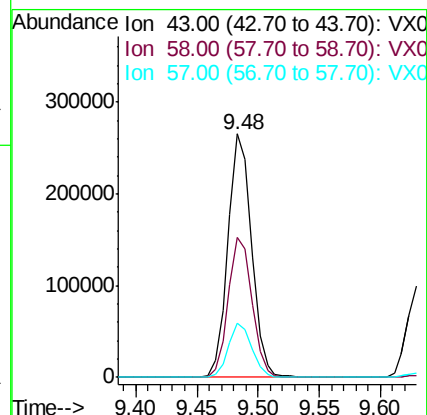
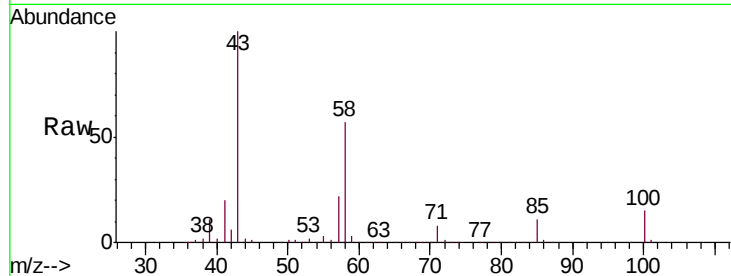




#59
2-Hexanone
Concen: 243.325 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX013239.D
Acq: 28 Oct 2019 10:40

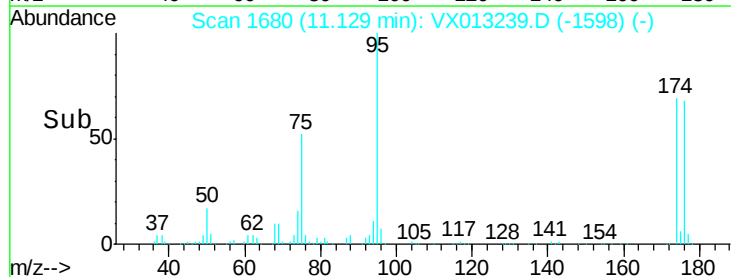
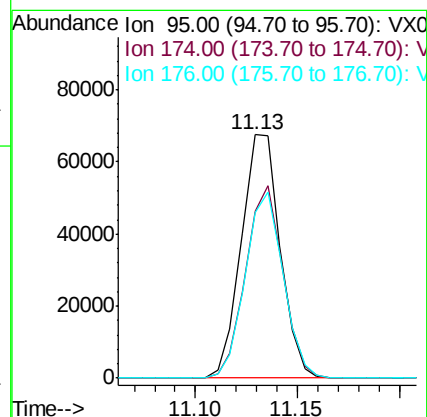
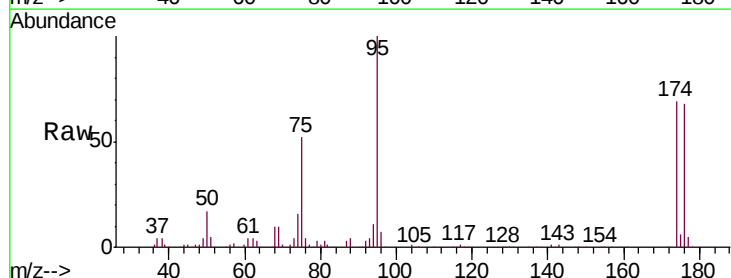
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

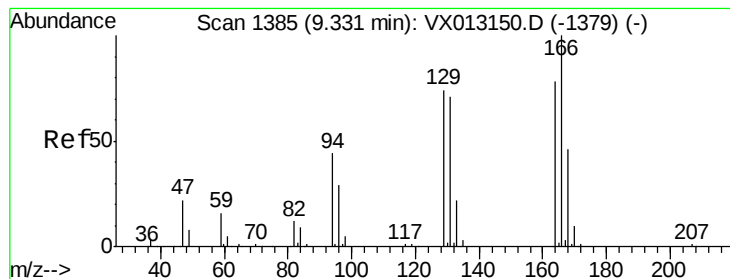
Tgt Ion: 43 Resp: 356164
Ion Ratio Lower Upper
43 100
58 57.6 46.6 69.8
57 22.0 16.9 25.3



#60
4-Bromofluorobenzene
Concen: 46.358 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX013239.D
Acq: 28 Oct 2019 10:40

Tgt Ion: 95 Resp: 89473
Ion Ratio Lower Upper
95 100
174 75.8 60.0 90.0
176 74.8 58.5 87.7





#61

Tetrachloroethene

Concen: 50.462 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX013239.D

Acq: 28 Oct 2019 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:164 Resp: 74149

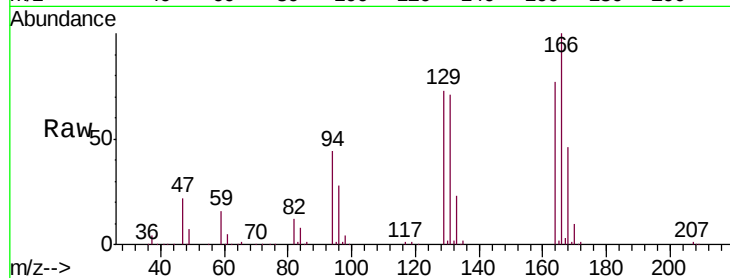
Ion Ratio Lower Upper

164 100

166 130.3 102.6 153.8

129 95.6 75.7 113.5

131 93.1 72.4 108.6

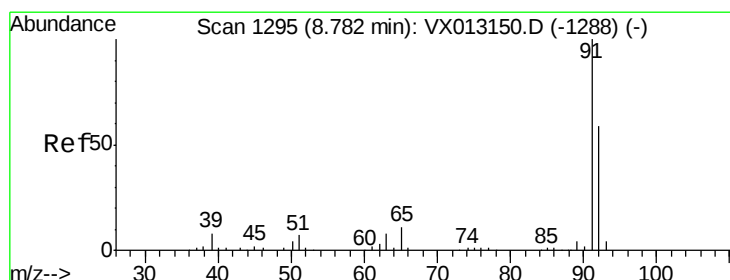
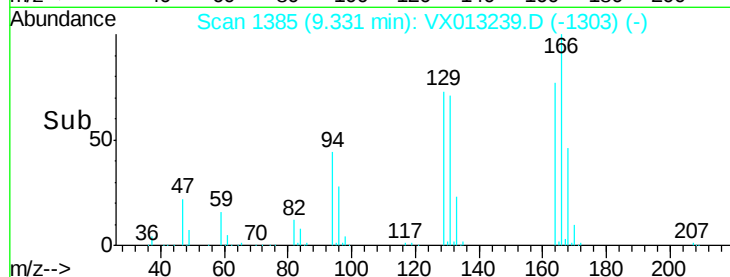
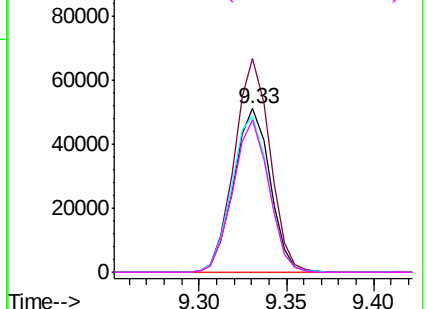


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 47.825 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013239.D

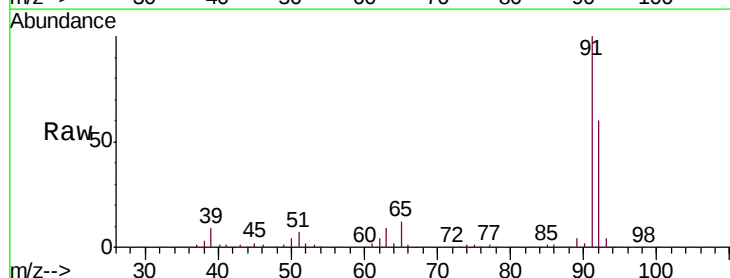
Acq: 28 Oct 2019 10:40

Tgt Ion: 91 Resp: 286161

Ion Ratio Lower Upper

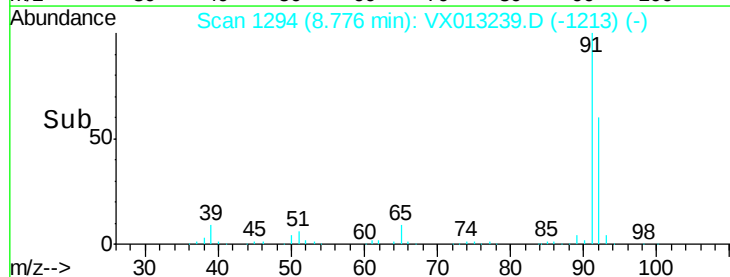
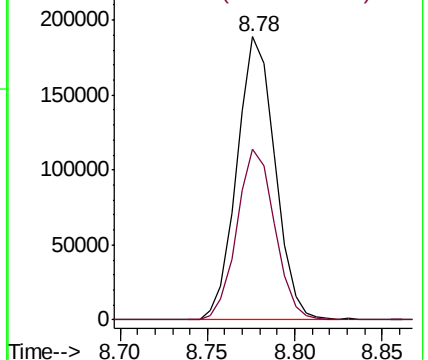
91 100

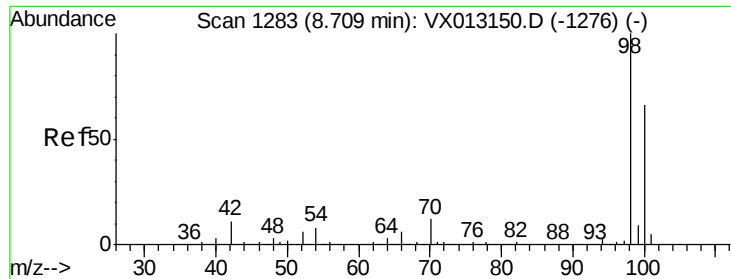
92 60.0 47.7 71.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 44.477 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013239.D

Acq: 28 Oct 2019 10:40

Instrument :

MSVOA_X

ClientSampleId :

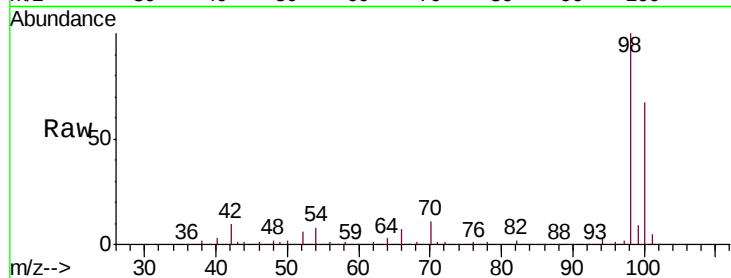
VSTDCCC050

Tgt Ion: 98 Resp: 219264

Ion Ratio Lower Upper

98 100

100 66.4 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX013150.D (-1276) (-)

Ion 100.00 (99.70 to 100.70): VX013150.D (-1276) (-)

8.71

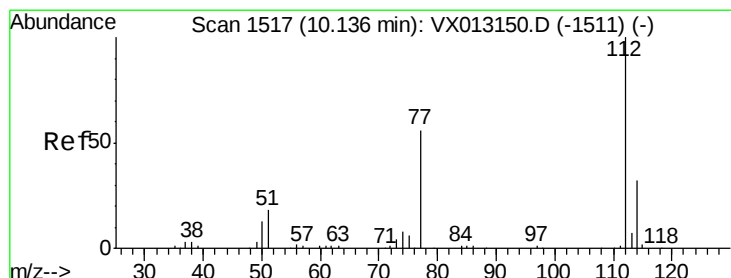
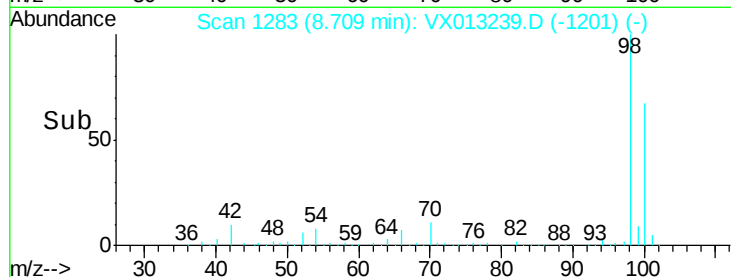
150000

100000

50000

0

Time-->



#64

Chlorobenzene

Concen: 49.227 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX013239.D

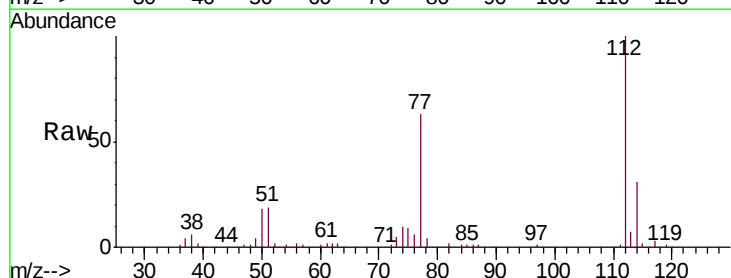
Acq: 28 Oct 2019 10:40

Tgt Ion: 112 Resp: 188858

Ion Ratio Lower Upper

112 100

114 31.3 25.5 38.3



Abundance Ion 112.00 (111.70 to 112.70): VX013150.D (-1511) (-)

Ion 114.00 (113.70 to 114.70): VX013150.D (-1511) (-)

10.13

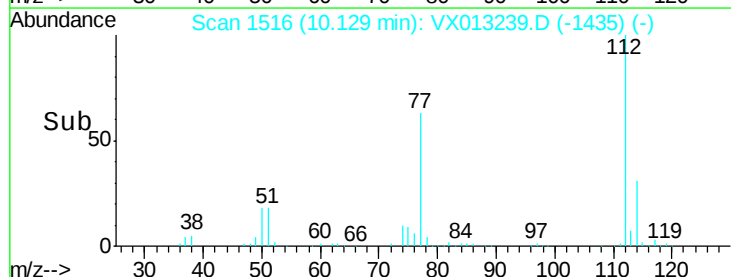
150000

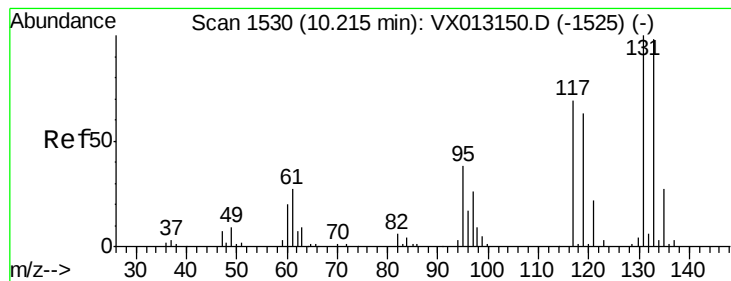
100000

50000

0

Time-->





#65

1,1,1,2-Tetrachloroethane

Concen: 51.584 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX013239.D

Acq: 28 Oct 2019 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

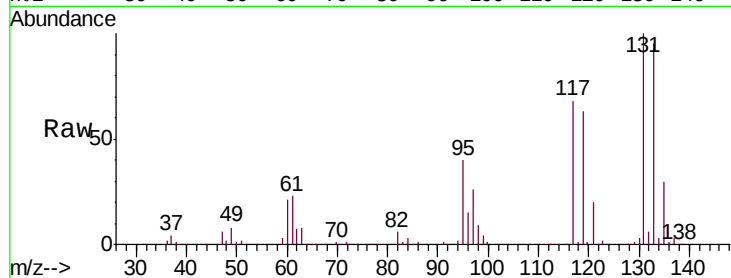
Tgt Ion: 131 Resp: 74134

Ion Ratio Lower Upper

131 100

133 96.0 0.0 191.0

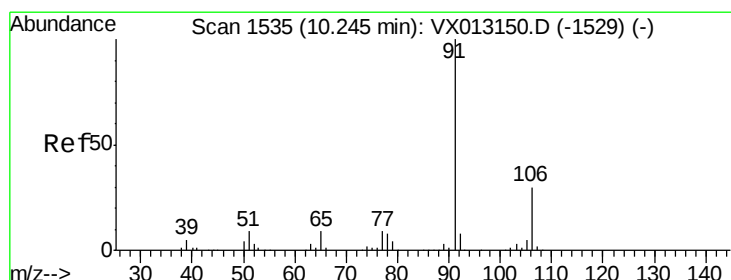
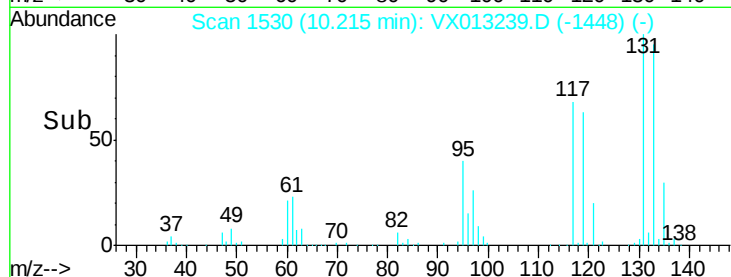
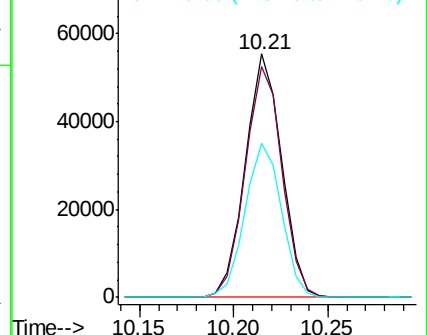
119 63.7 0.0 125.6



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 49.176 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX013239.D

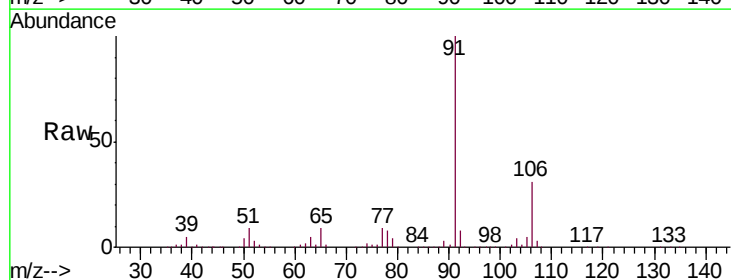
Acq: 28 Oct 2019 10:40

Tgt Ion: 91 Resp: 338657

Ion Ratio Lower Upper

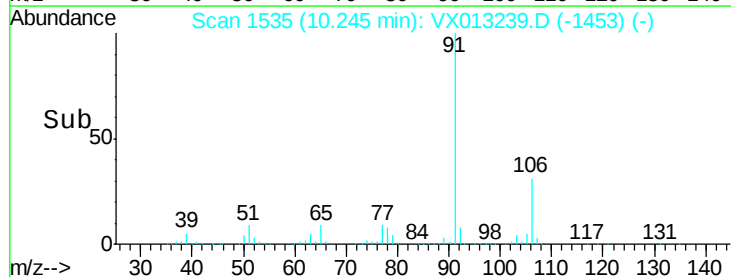
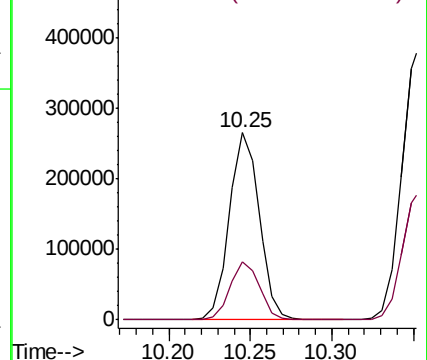
91 100

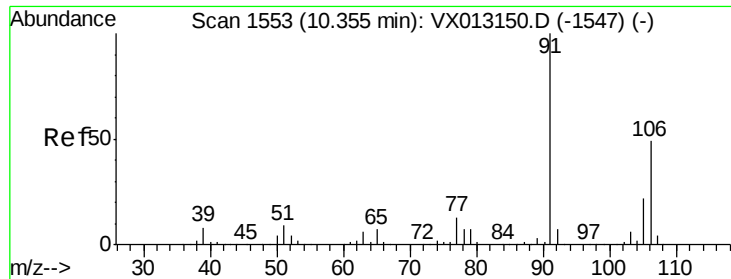
106 31.2 23.8 35.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

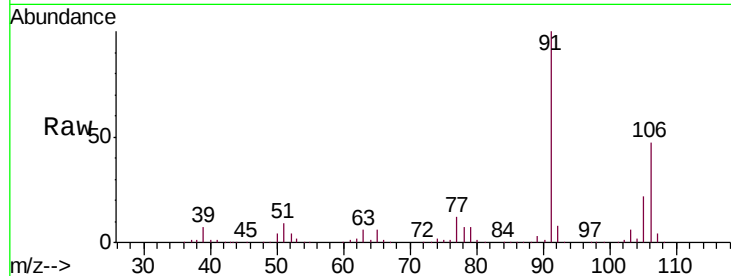




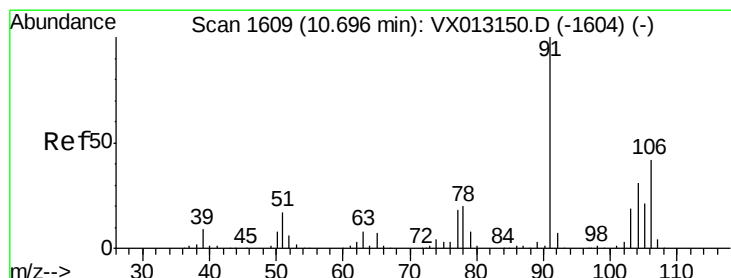
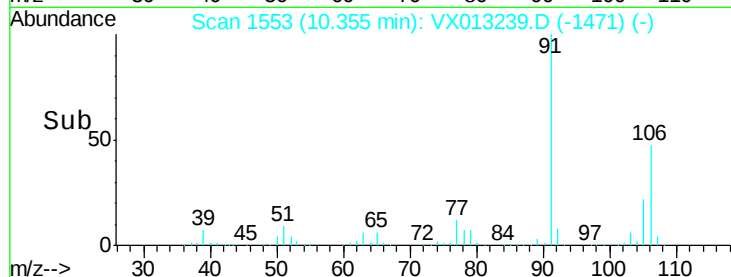
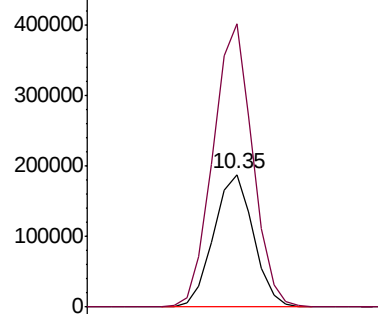
#67
m/p-Xylenes
Concen: 96.779 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013239.D
Acq: 28 Oct 2019 10:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 253301
Ion Ratio Lower Upper
106 100
91 212.3 163.7 245.5

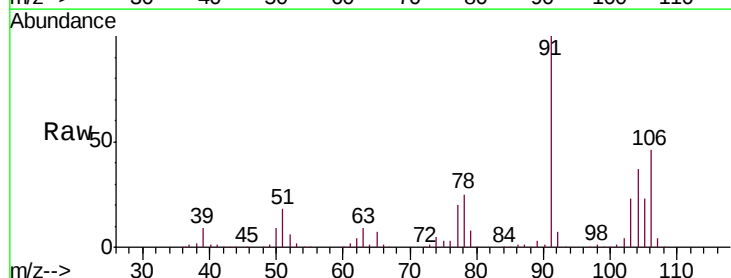


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

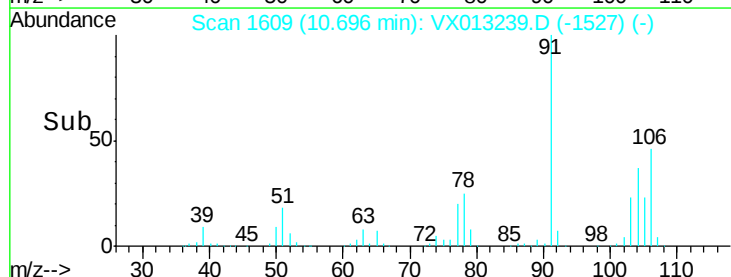
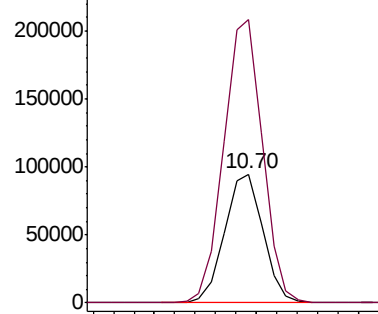


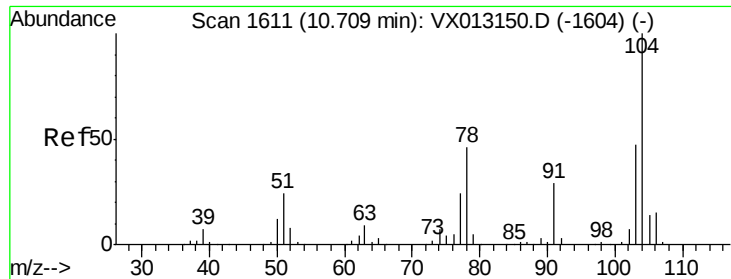
#68
o-Xylene
Concen: 50.037 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013239.D
Acq: 28 Oct 2019 10:40

Tgt Ion:106 Resp: 125020
Ion Ratio Lower Upper
106 100
91 220.4 113.6 340.8



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

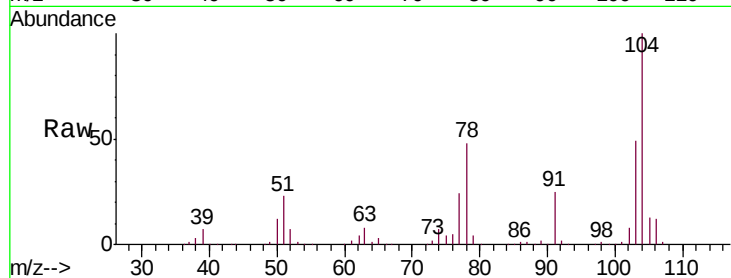




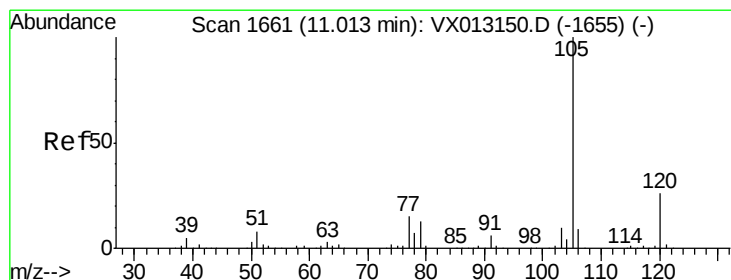
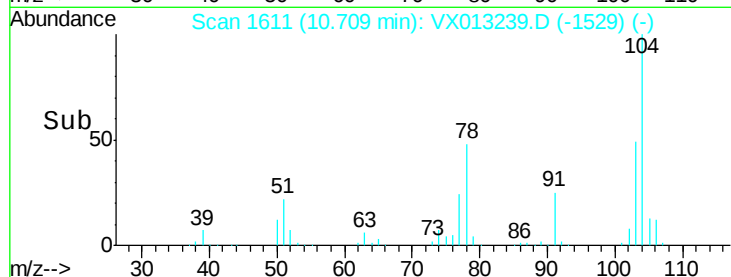
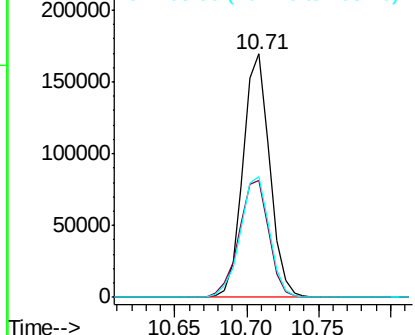
#69
Styrene
Concen: 50.691 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013239.D
Acq: 28 Oct 2019 10:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:104 Resp: 217956
Ion Ratio Lower Upper
104 100
78 54.0 42.3 63.5
103 54.0 42.2 63.2

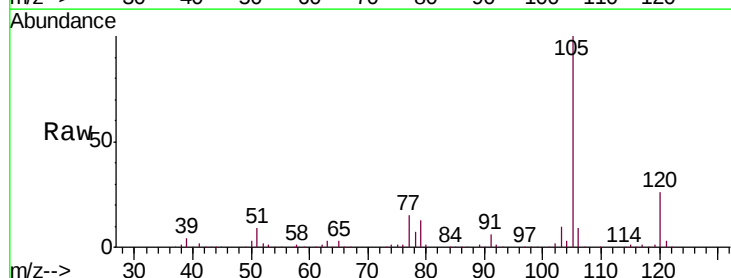


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

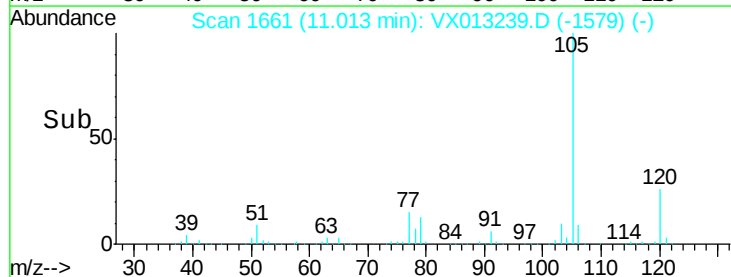
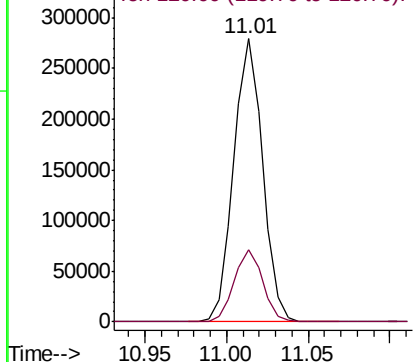


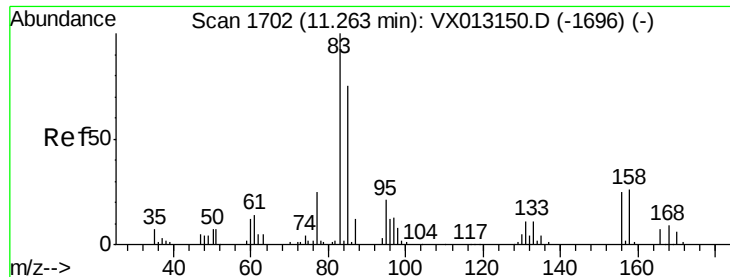
#70
Isopropylbenzene
Concen: 50.256 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX013239.D
Acq: 28 Oct 2019 10:40

Tgt Ion:105 Resp: 344552
Ion Ratio Lower Upper
105 100
120 25.3 18.1 33.7



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

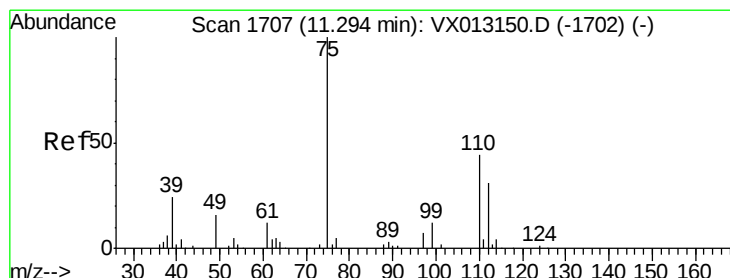
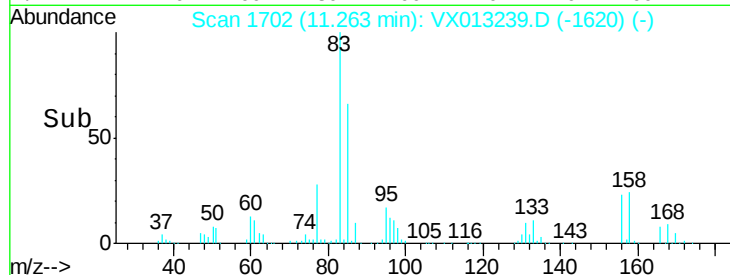
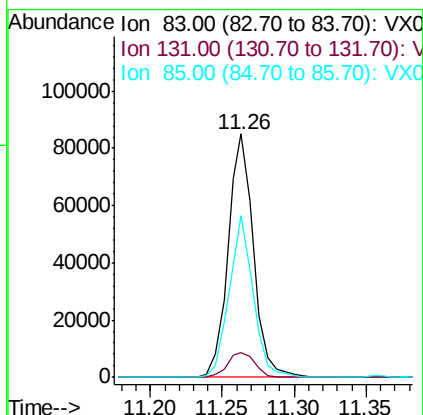
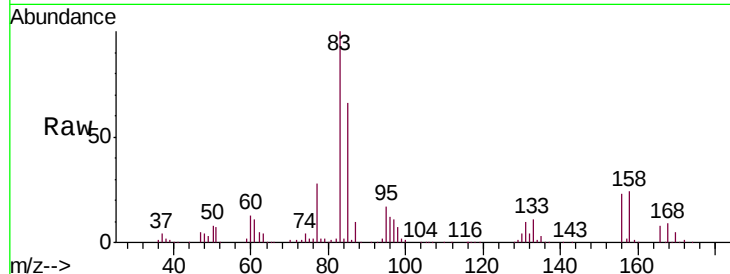




#71
 1,1,2,2-Tetrachloroethane
 Concen: 50.252 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: VX013239.D
 Acq: 28 Oct 2019 10:40

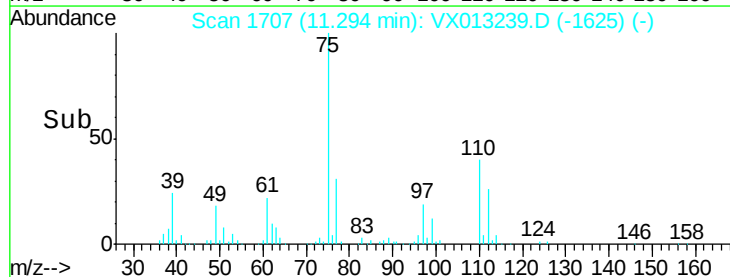
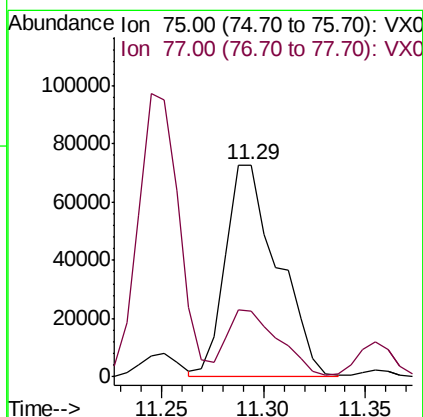
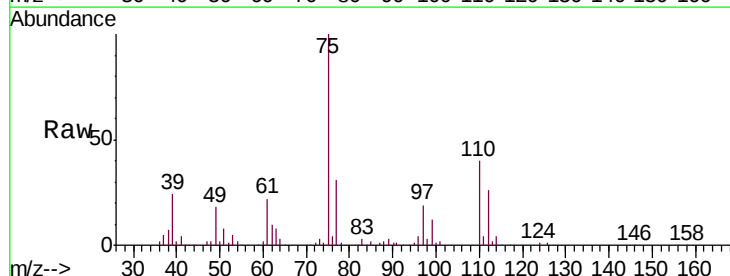
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

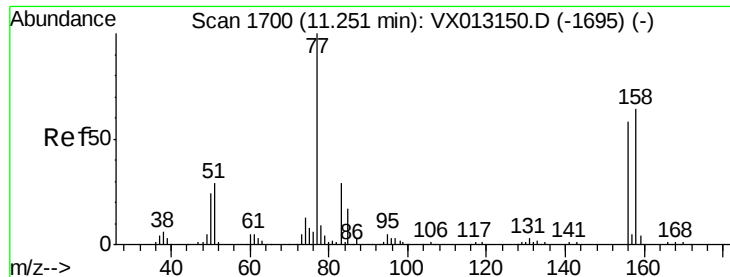
Tgt Ion: 83 Resp: 105572
 Ion Ratio Lower Upper
 83 100
 131 11.2 5.5 16.4
 85 63.4 32.9 98.6



#72
 1,2,3-Trichloropropane
 Concen: 71.078 ug/l
 RT: 11.29 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX013239.D
 Acq: 28 Oct 2019 10:40

Tgt Ion: 75 Resp: 129695
 Ion Ratio Lower Upper
 75 100
 77 30.7 0.0 74.0





#73

Bromobenzene

Concen: 49.970 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013239.D

Acq: 28 Oct 2019 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

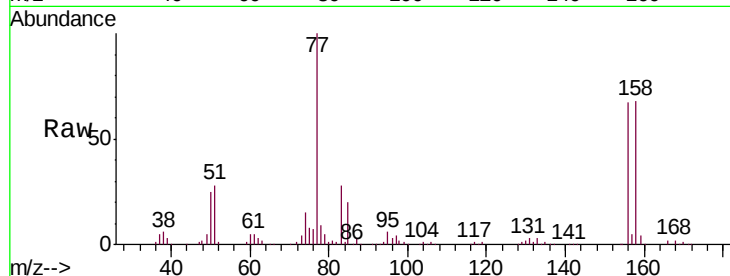
Tgt Ion:156 Resp: 82217

Ion Ratio Lower Upper

156 100

77 164.2 0.0 328.0

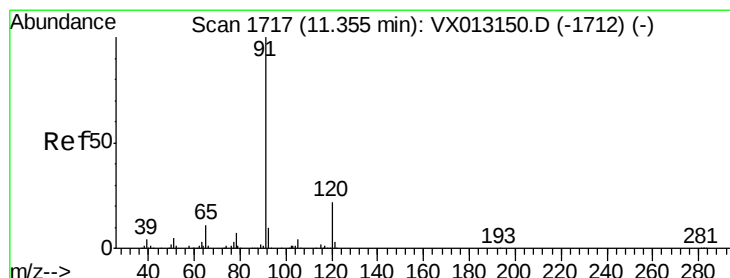
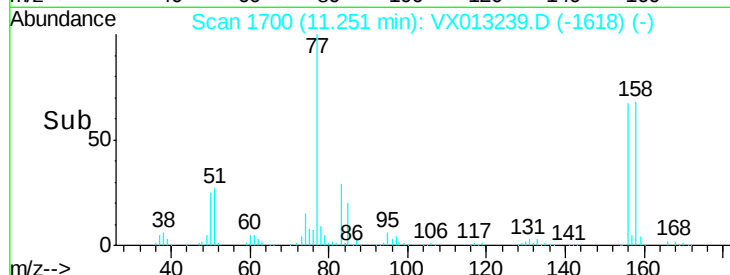
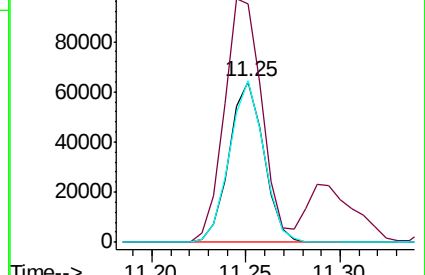
158 99.3 0.0 196.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 51.639 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013239.D

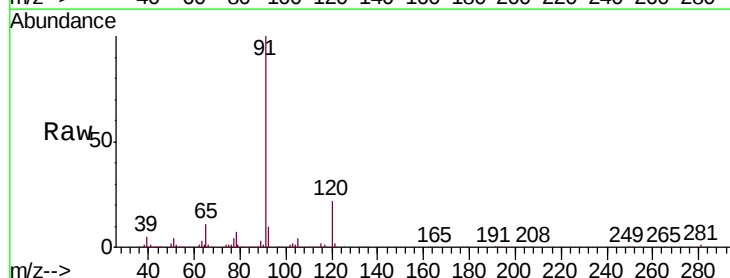
Acq: 28 Oct 2019 10:40

Tgt Ion: 91 Resp: 388585

Ion Ratio Lower Upper

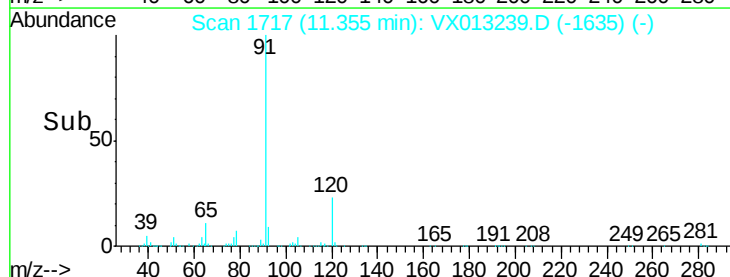
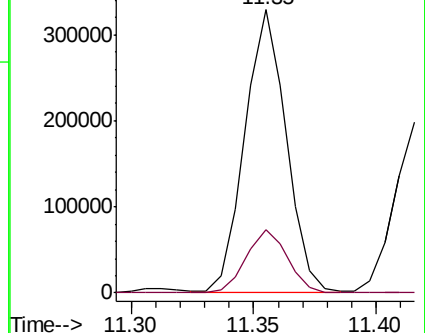
91 100

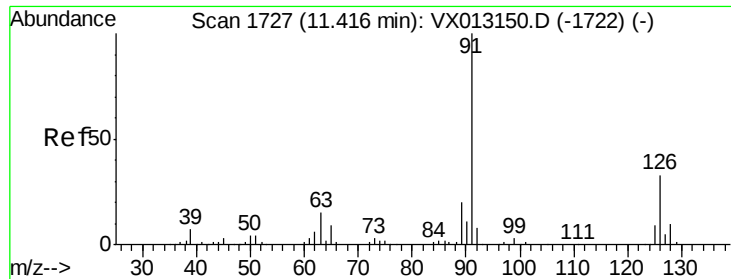
120 22.4 0.0 45.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 49.406 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013239.D

Acq: 28 Oct 2019 10:40

Instrument :

MSVOA_X

ClientSampleId :

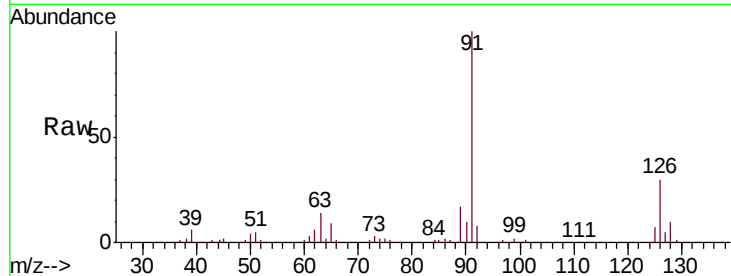
VSTDCCC050

Tgt Ion: 91 Resp: 232637

Ion Ratio Lower Upper

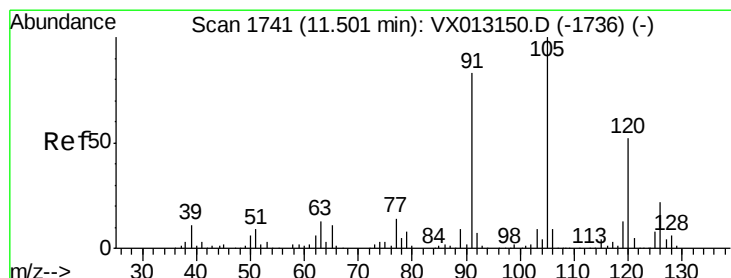
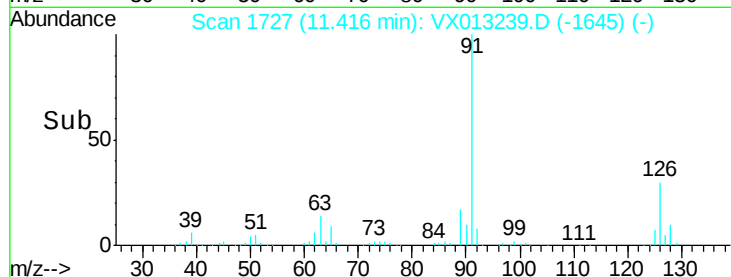
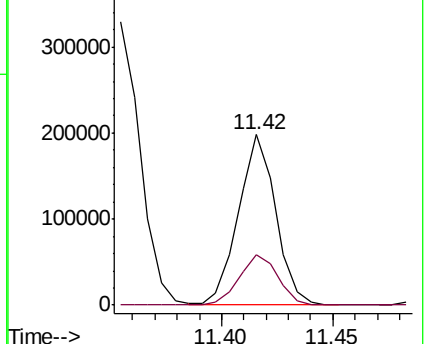
91 100

126 31.0 0.0 63.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 47.725 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013239.D

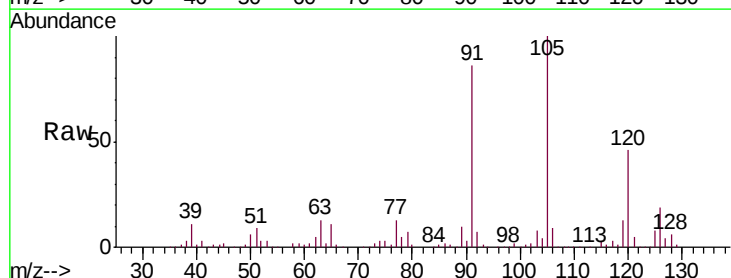
Acq: 28 Oct 2019 10:40

Tgt Ion: 105 Resp: 274671

Ion Ratio Lower Upper

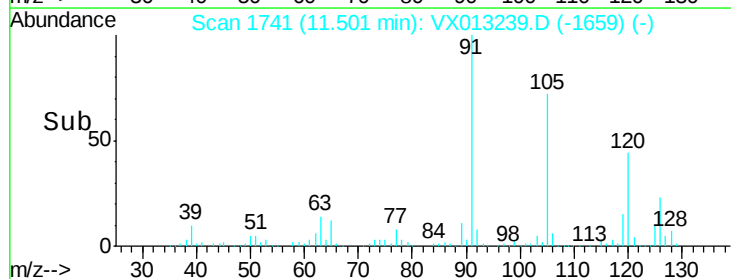
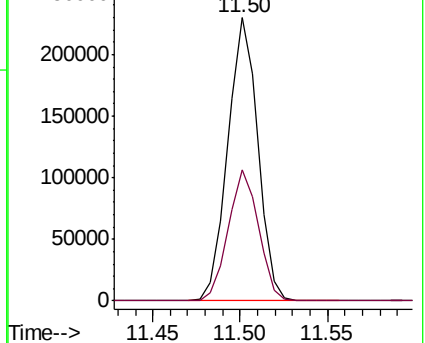
105 100

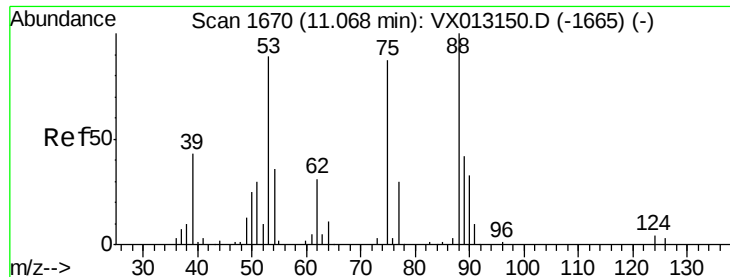
120 46.8 0.0 98.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#77

t-1,4-Dichloro-2-butene

Concen: 53.764 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX013239.D

Acq: 28 Oct 2019 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

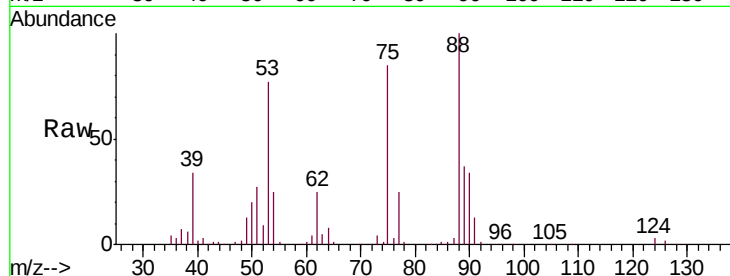
Tgt Ion: 75 Resp: 38090

Ion Ratio Lower Upper

75 100

53 90.5 51.1 153.4

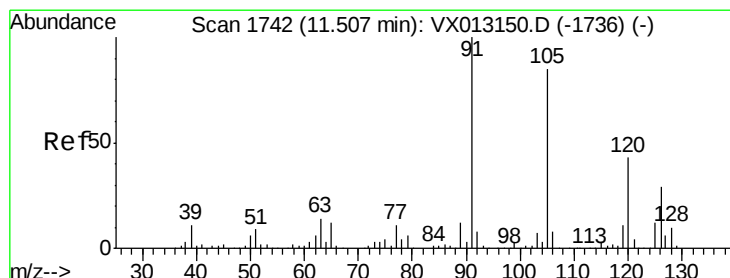
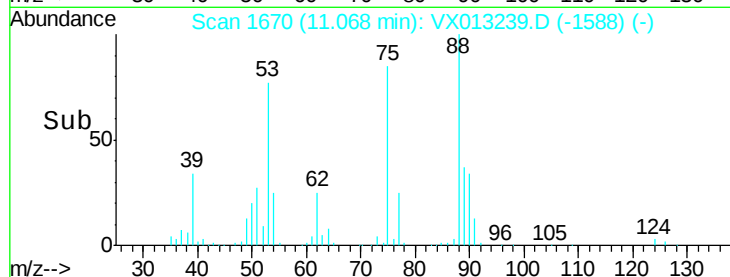
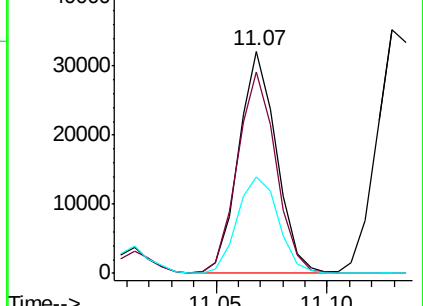
89 43.8 24.1 72.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 49.857 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX013239.D

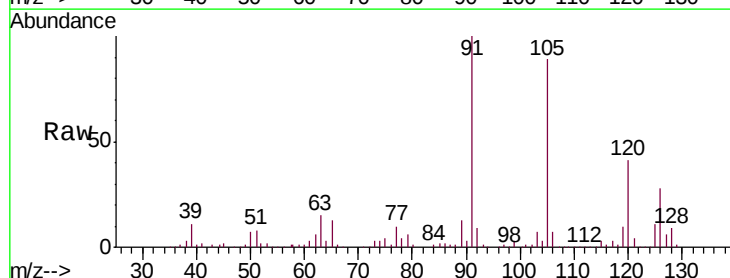
Acq: 28 Oct 2019 10:40

Tgt Ion: 91 Resp: 268246

Ion Ratio Lower Upper

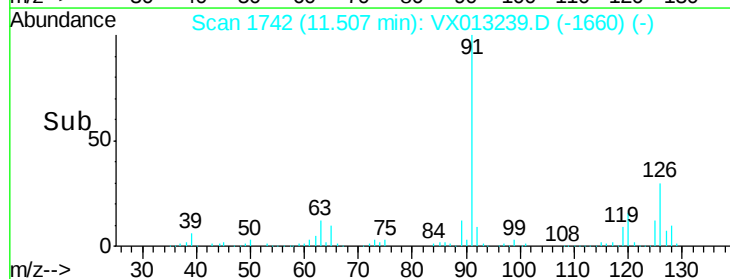
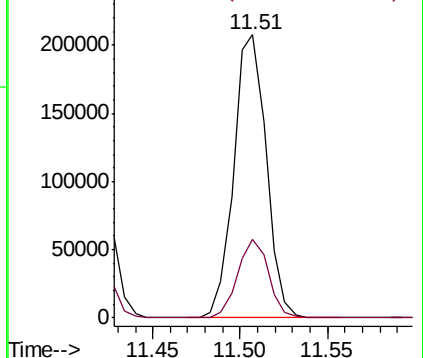
91 100

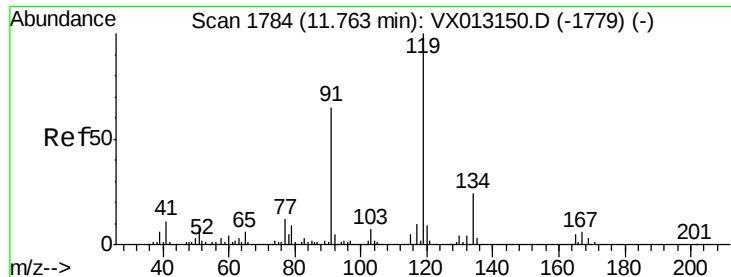
126 26.5 0.0 58.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

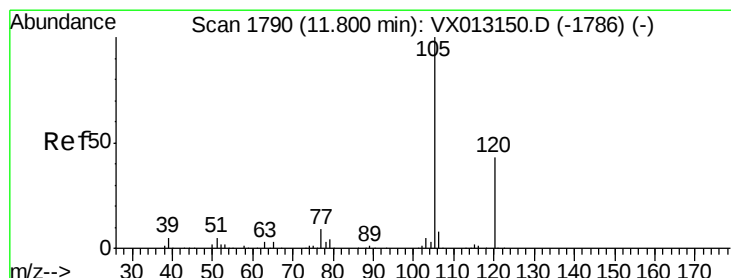
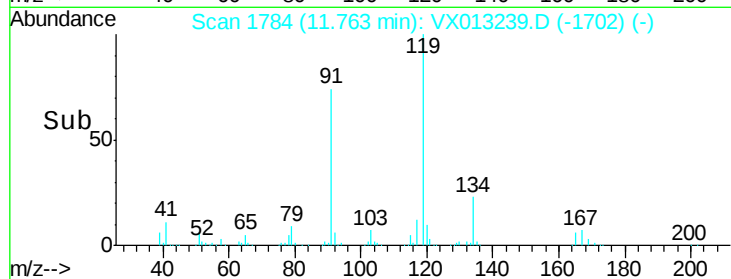
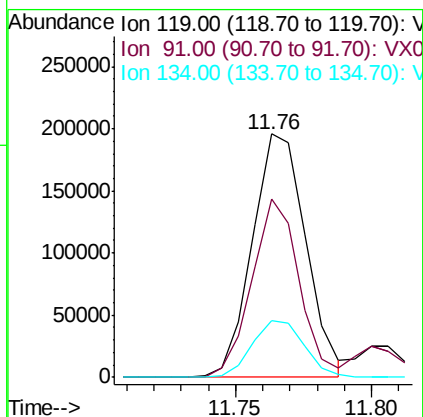
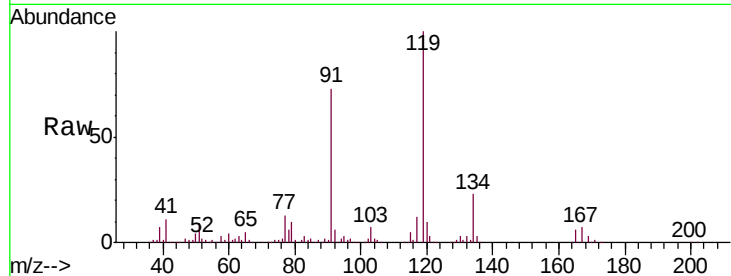




#79
tert-butylbenzene
Concen: 48.181 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX013239.D
Acq: 28 Oct 2019 10:40

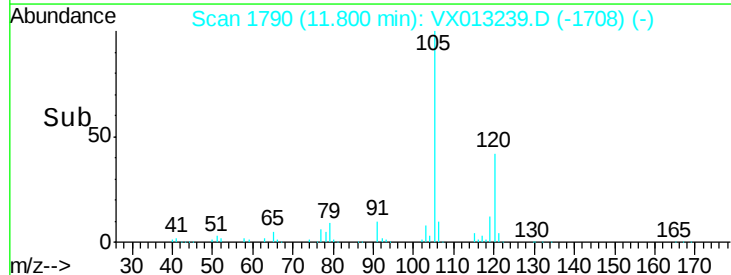
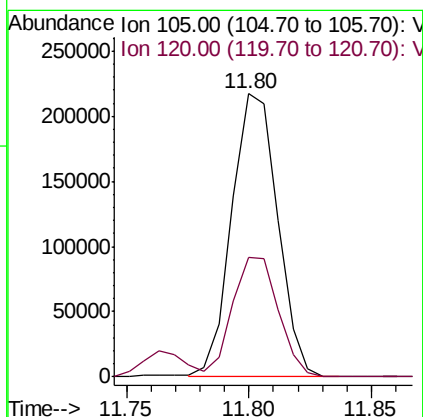
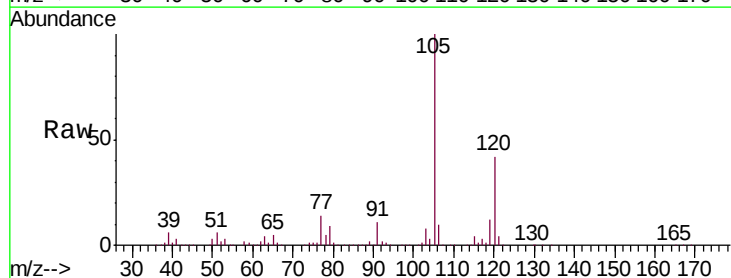
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

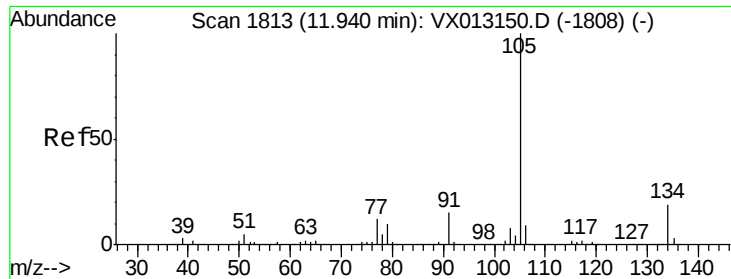
Tgt Ion	Ratio	Lower	Upper
119	100		
91	64.8	0.0	128.4
134	22.7	0.0	49.0



#80
1,2,4-Trimethylbenzene
Concen: 49.513 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX013239.D
Acq: 28 Oct 2019 10:40

Tgt Ion	Ratio	Lower	Upper
105	100		
120	42.2	0.0	87.4

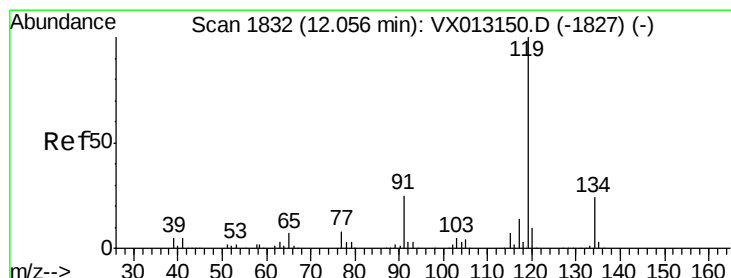
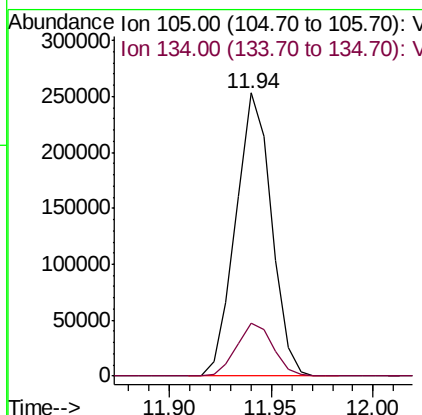
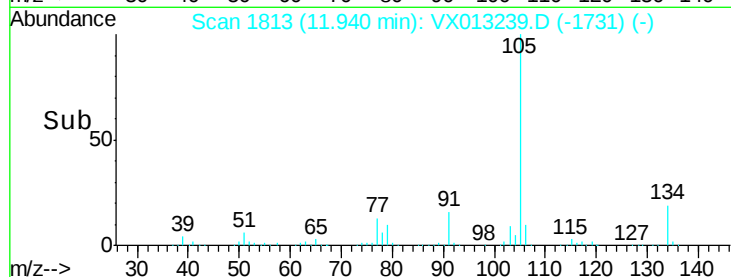
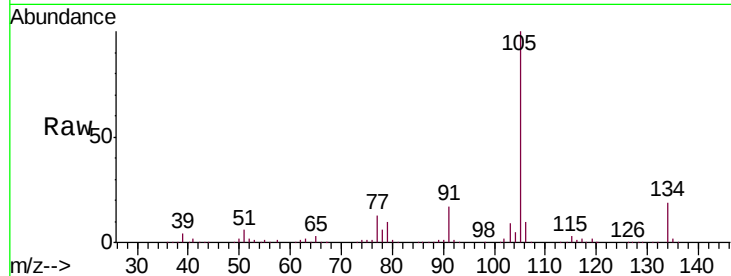




#81
 sec-Butylbenzene
 Concen: 46.752 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX013239.D
 Acq: 28 Oct 2019 10:40

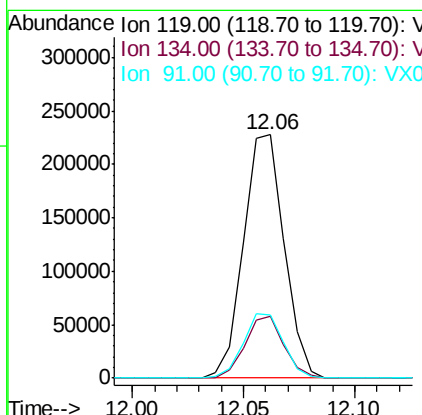
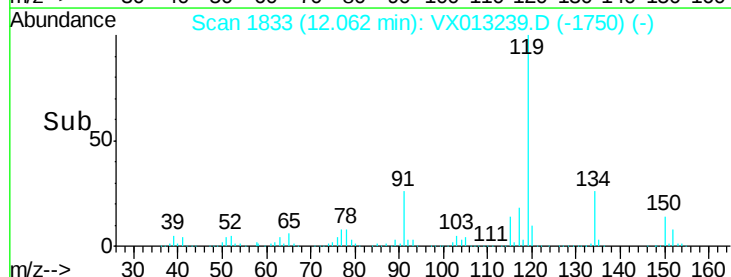
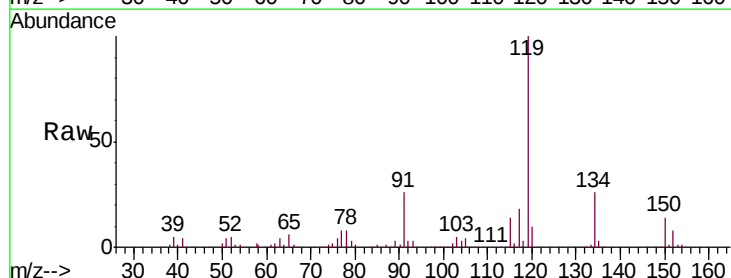
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

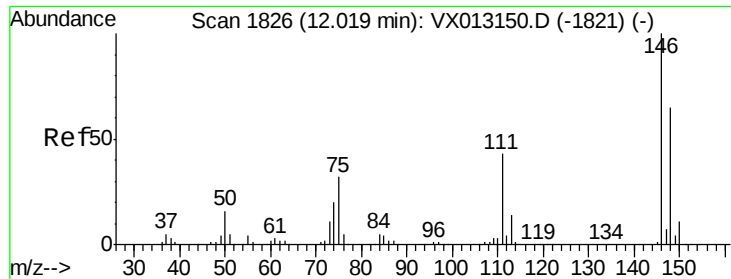
Tgt Ion:105 Resp: 308649
 Ion Ratio Lower Upper
 105 100
 134 19.1 0.0 39.2



#82
 p-Isopropyltoluene
 Concen: 48.259 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.01 min
 Lab File: VX013239.D
 Acq: 28 Oct 2019 10:40

Tgt Ion:119 Resp: 291303
 Ion Ratio Lower Upper
 119 100
 134 24.2 0.0 51.6
 91 26.1 0.0 50.0

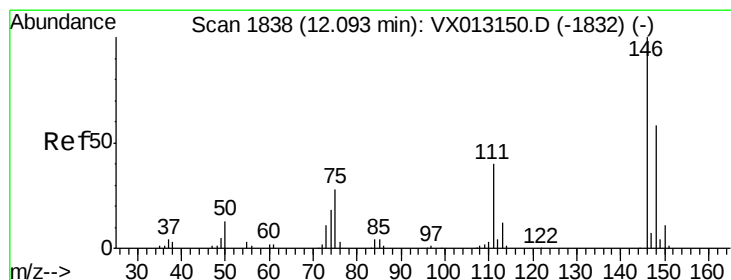
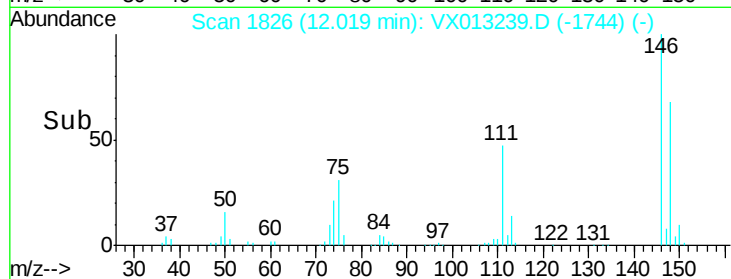
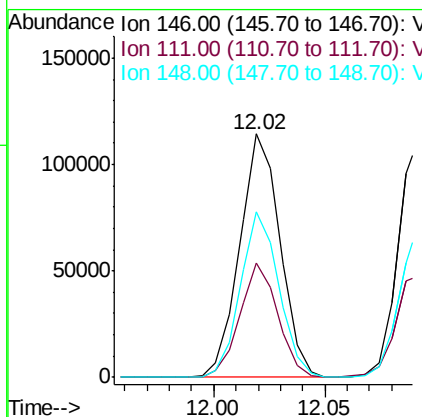
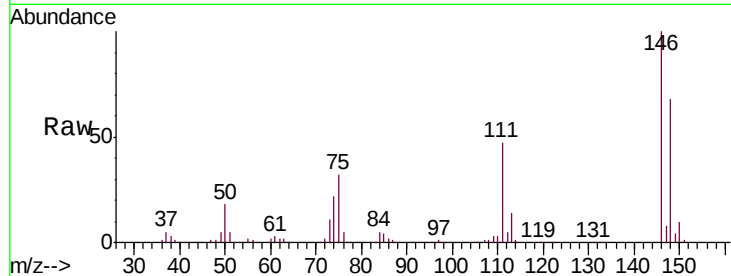




#83
 1,3-Dichlorobenzene
 Concen: 47.935 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013239.D
 Acq: 28 Oct 2019 10:40

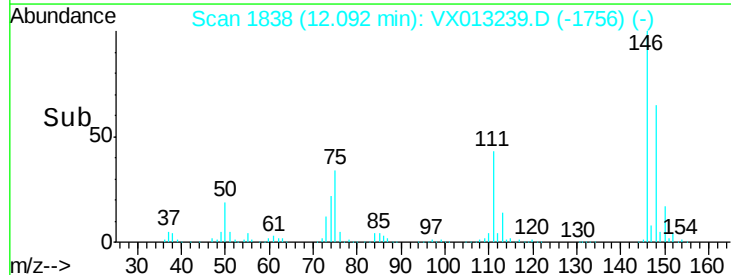
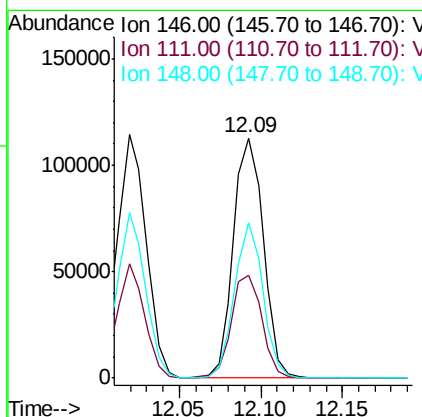
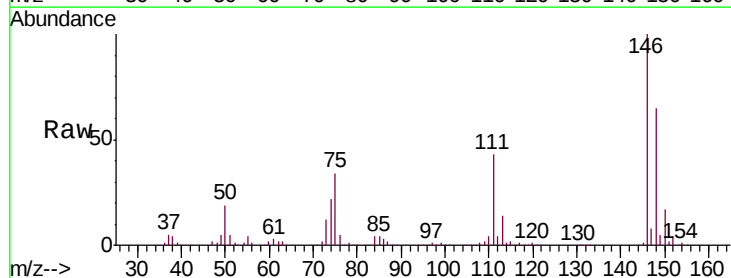
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

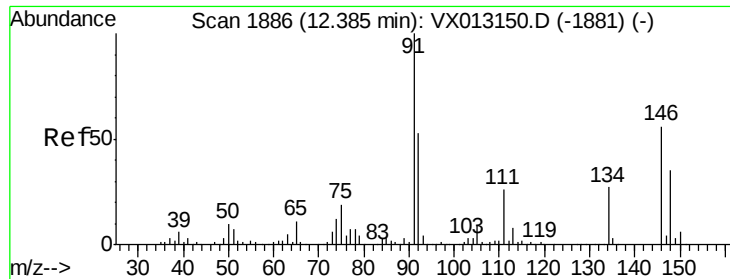
Tgt Ion:146 Resp: 144030
 Ion Ratio Lower Upper
 146 100
 111 44.1 21.8 65.4
 148 65.0 31.2 93.6



#84
 1,4-Dichlorobenzene
 Concen: 48.665 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013239.D
 Acq: 28 Oct 2019 10:40

Tgt Ion:146 Resp: 144617
 Ion Ratio Lower Upper
 146 100
 111 43.5 20.3 60.9
 148 61.1 31.4 94.2

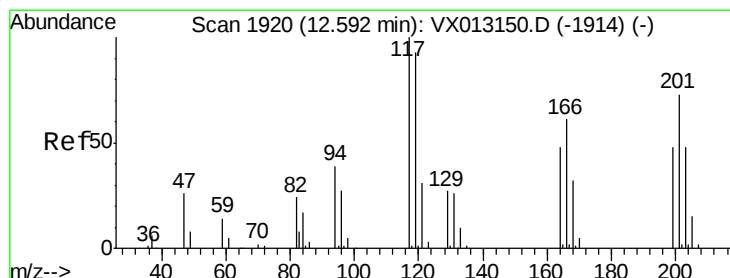
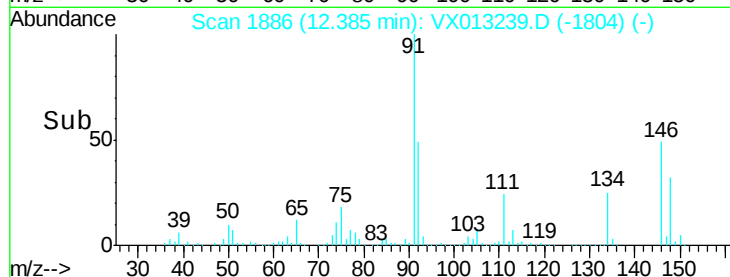
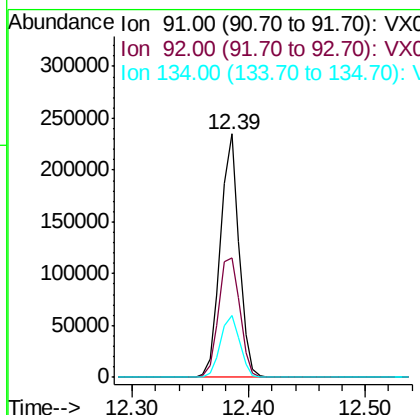
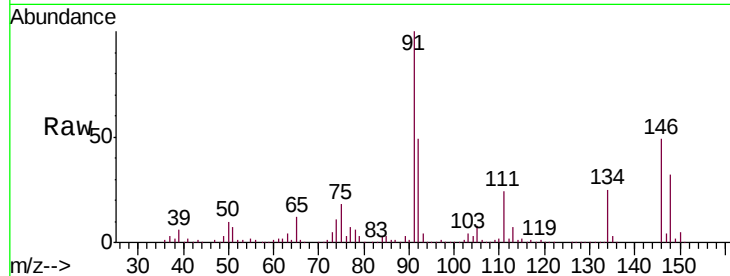




#85
n-Butylbenzene
Concen: 50.371 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013239.D
Acq: 28 Oct 2019 10:40

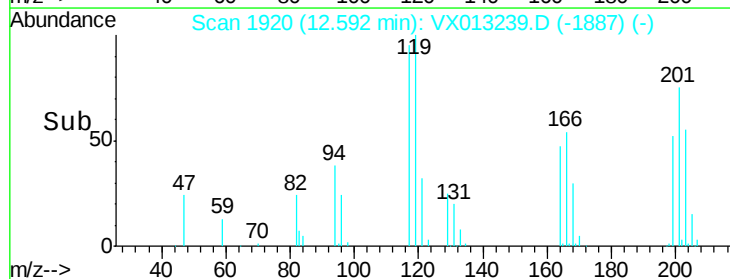
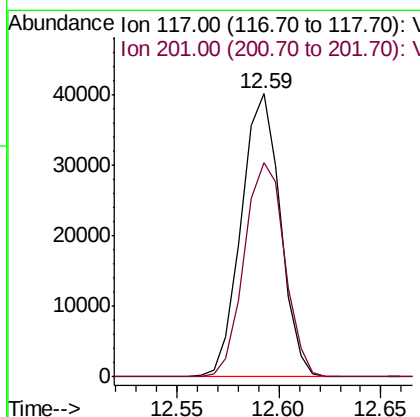
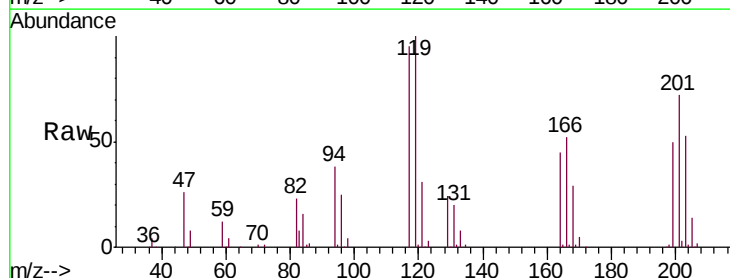
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

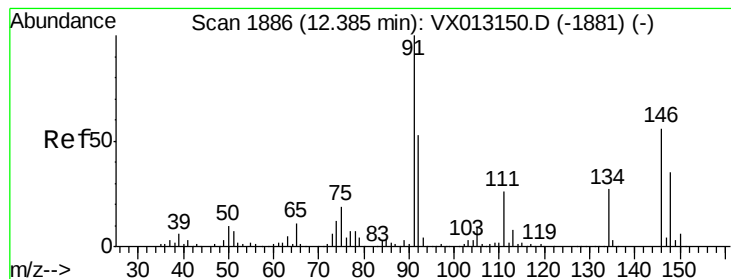
Tgt Ion: 91 Resp: 258271
Ion Ratio Lower Upper
91 100
92 55.7 0.0 106.8
134 26.5 0.0 52.4



#86
Hexachloroethane
Concen: 50.746 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013239.D
Acq: 28 Oct 2019 10:40

Tgt Ion: 117 Resp: 53464
Ion Ratio Lower Upper
117 100
201 78.4 35.9 107.5





#87

1,2-Dichlorobenzene

Concen: 50.389 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013239.D

Acq: 28 Oct 2019 10:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

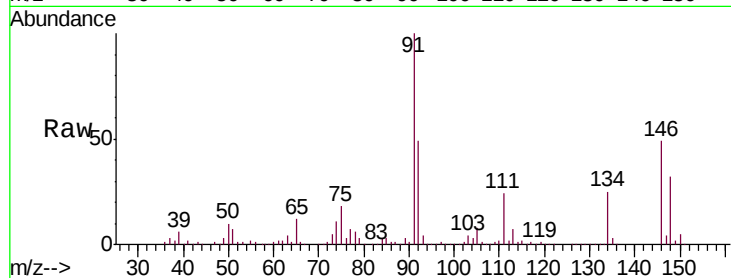
Tgt Ion:146 Resp: 146871

Ion Ratio Lower Upper

146 100

111 45.8 22.5 67.5

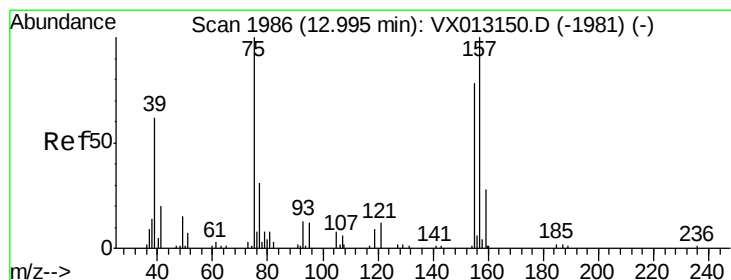
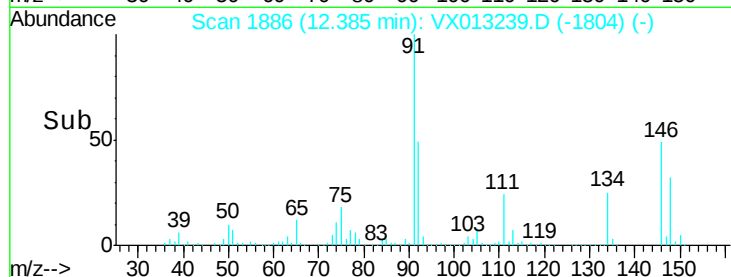
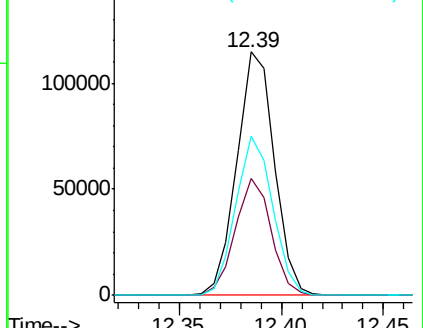
148 64.2 31.4 94.2



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,2-Dibromo-3-Chloropropane

Concen: 54.323 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX013239.D

Acq: 28 Oct 2019 10:40

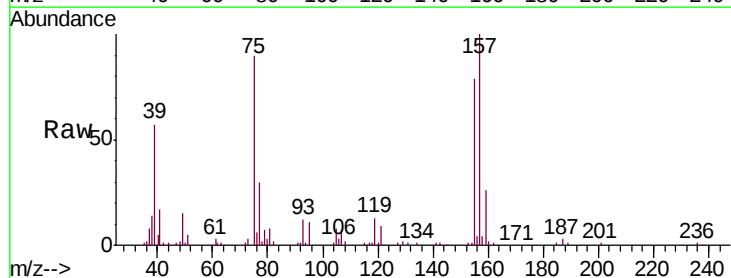
Tgt Ion: 75 Resp: 28121

Ion Ratio Lower Upper

75 100

155 84.0 65.4 98.0

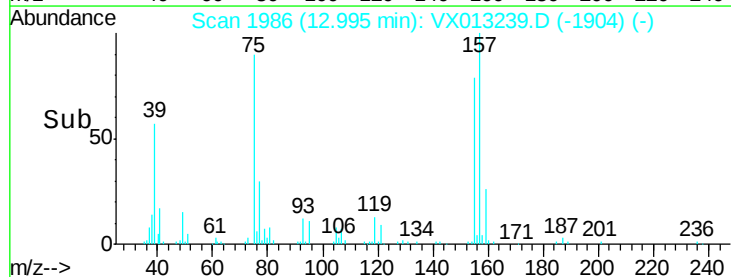
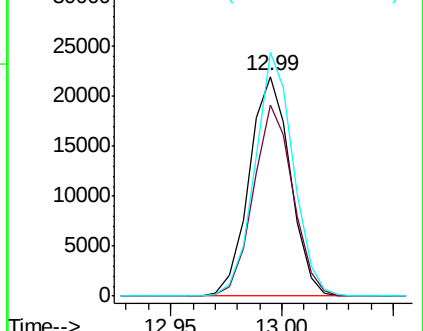
157 103.7 84.1 126.1

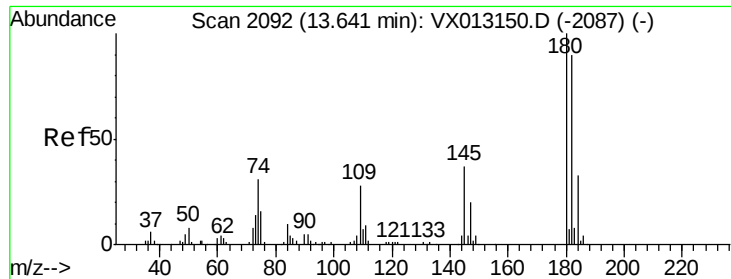


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

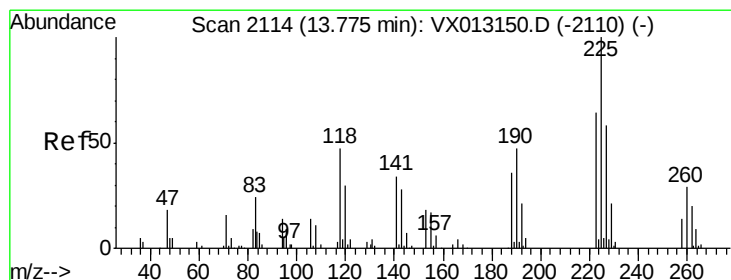
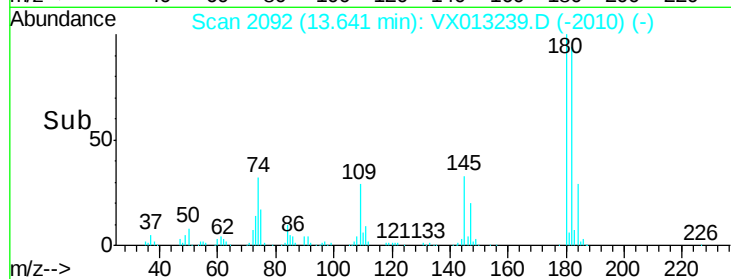
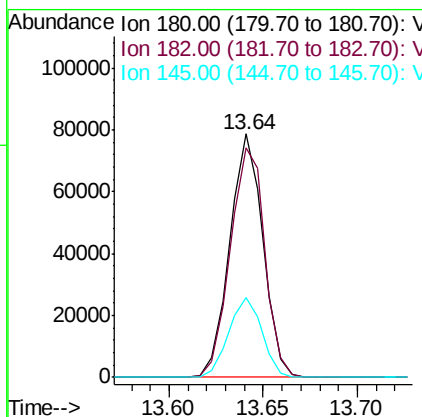
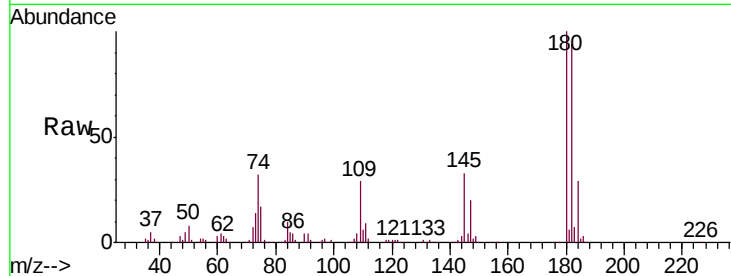




#89
 1,2,4-Trichlorobenzene
 Concen: 52.917 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013239.D
 Acq: 28 Oct 2019 10:40

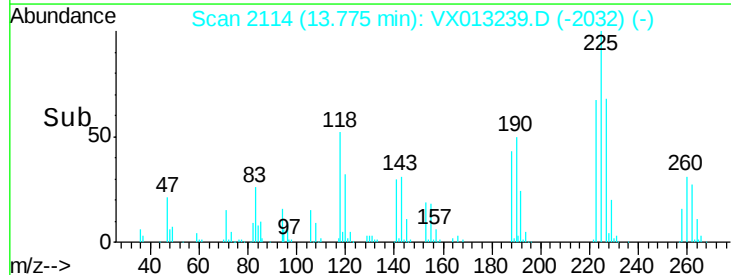
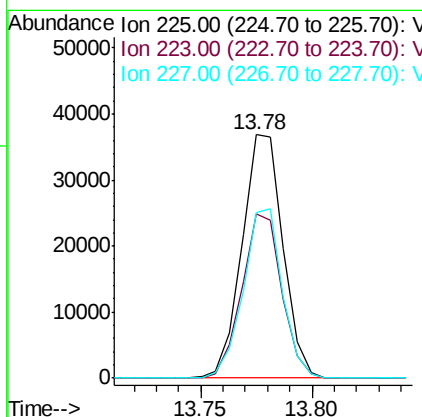
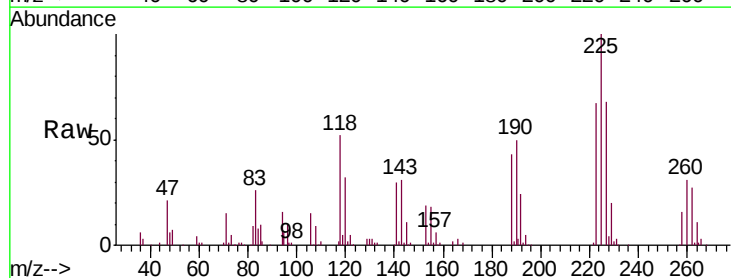
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

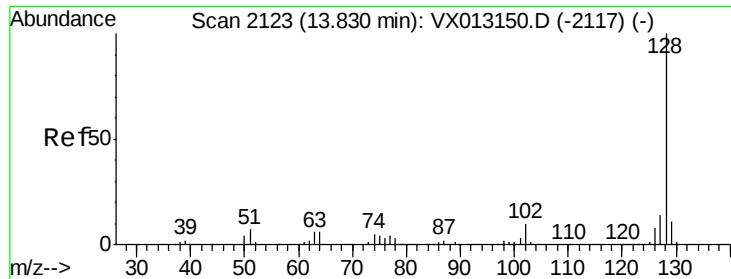
Tgt Ion:180 Resp: 95926
 Ion Ratio Lower Upper
 180 100
 182 97.4 76.1 114.1
 145 33.0 27.4 41.2



#90
 Hexachlorobutadiene
 Concen: 51.473 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX013239.D
 Acq: 28 Oct 2019 10:40

Tgt Ion:225 Resp: 47375
 Ion Ratio Lower Upper
 225 100
 223 65.6 0.0 131.2
 227 66.2 0.0 127.0

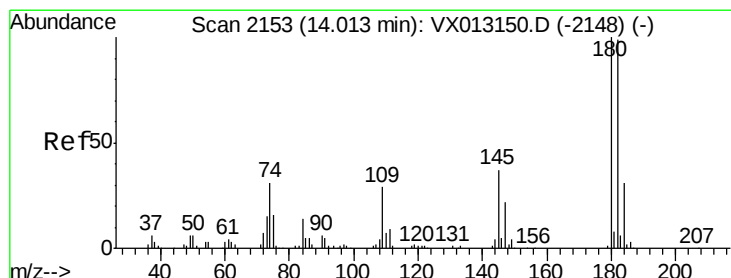
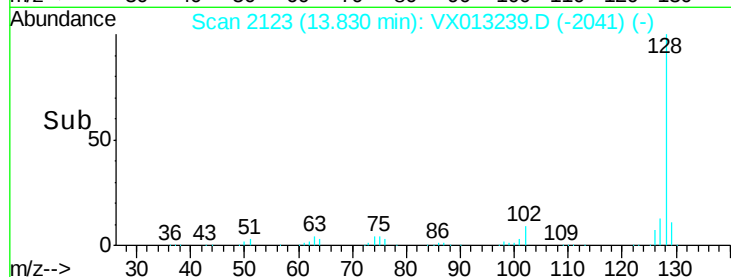
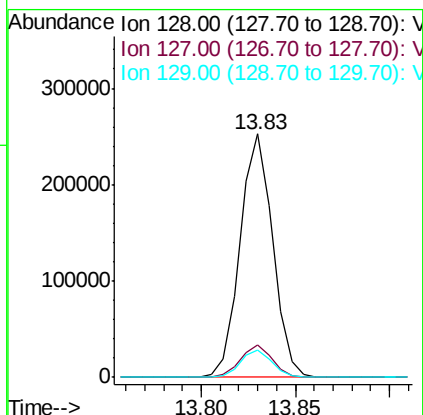
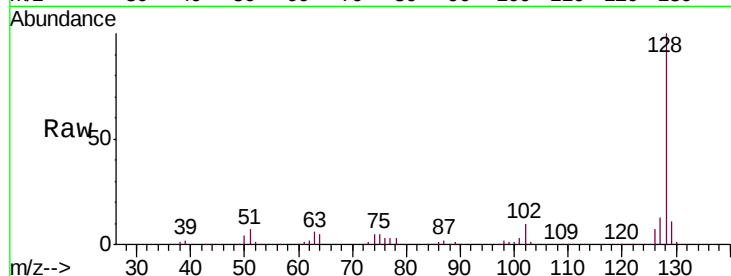




#91
Naphthalene
Concen: 51.425 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013239.D
Acq: 28 Oct 2019 10:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 303234
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 11.0 8.6 12.8



#92
1,2,3-Trichlorobenzene
Concen: 52.654 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX013239.D
Acq: 28 Oct 2019 10:40

Tgt Ion:180 Resp: 97790
Ion Ratio Lower Upper
180 100
182 94.6 0.0 194.4
145 35.2 0.0 71.2

