

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101619\
 Data File : VX013088.D
 Acq On : 16 Oct 2019 11:20
 Operator : JC/SP
 Sample : VSTDIC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 17 02:21:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X101619W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 17 02:18:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	30339	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	171849	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	151950	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	67653	31.98	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	106.60%
60) 4-Bromofluorobenzene	11.14	95	79042	31.03	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	103.43%
63) Toluene-d8	8.71	98	208023	30.86	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.87%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	101458	51.119	ug/l 100
3) Chloromethane	1.32	50	98524	55.437	ug/l 98
4) Vinyl Chloride	1.40	62	97821	53.360	ug/l 97
5) Bromomethane	1.63	94	42243	42.430	ug/l 100
6) Chloroethane	1.71	64	59711	53.527	ug/l 99
7) Trichlorofluoromethane	1.92	101	144748	48.300	ug/l 99
8) Diethyl Ether	2.18	74	52792	52.155	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	90980	53.686	ug/l 98
10) 1,1-Dichloroethene	2.36	96	89482	52.680	ug/l 97
11) Methyl Iodide	2.50	142	115712	51.460	ug/l 99
12) Methyl Acetate	2.76	43	127044	53.509	ug/l 99
13) Acrolein	2.28	56	95688	324.154	ug/l 99
14) Acrylonitrile	3.13	53	268066	283.884	ug/l 100
15) Acetone	2.43	58	99438	343.717	ug/l 96
16) Carbon Disulfide	2.56	76	243476	55.004	ug/l 98
17) Allyl chloride	2.72	41	155449	60.690	ug/l 94
18) Methylene Chloride	2.84	84	100784	52.828	ug/l 97
19) trans-1,2-Dichloroethene	3.15	96	95824	53.134	ug/l 94
20) Diisopropyl ether	3.84	45	295799	55.565	ug/l 97
21) 1,1-Dichloroethane	3.69	63	170552	55.832	ug/l 98
22) cis-1,2-Dichloroethene	4.58	96	110108	53.102	ug/l 99
23) tert-Butyl Alcohol	3.03	59	129586	263.418	ug/l 100
24) Methyl tert-Butyl Ether	3.19	73	310074	55.720	ug/l 99
25) Chloroform	5.20	83	175095	52.842	ug/l 95
26) Cyclohexane	5.57	56	151201	54.394	ug/l # 97
29) 1,1-Dichloropropene	5.79	75	131962	53.989	ug/l 99
30) 2-Butanone	4.65	43	402694	296.046	ug/l 99
31) 2,2-Dichloropropane	4.58	77	148082	64.397	ug/l 98
32) 1,1,1-Trichloroethane	5.49	97	155142	52.562	ug/l 98
33) Carbon Tetrachloride	5.78	117	134116	52.139	ug/l 98
34) Benzene	6.14	78	391846	53.216	ug/l 99
35) Methacrylonitrile	5.03	41	76996	55.185	ug/l 96
36) 1,2-Dichloroethane	6.18	62	139790	52.726	ug/l 100
37) Trichloroethene	7.21	130	105140	49.715	ug/l 97
38) Methylcyclohexane	7.46	83	162812	53.174	ug/l 98
39) 1,2-Dichloropropane	7.51	63	98424	53.265	ug/l 97
40) Dibromomethane	7.65	93	67457	50.768	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	133694	53.775	ug/l	98
42) Vinyl Acetate	3.80	43	1300506	291.138	ug/l	100
43) Ethyl Acetate	4.82	43	141791	55.701	ug/l	98
44) Isopropyl Acetate	6.43	43	228108	54.503	ug/l	99
45) 1,4-Dioxane	7.73	88	56541	1071.857	ug/l	98
46) Methyl methacrylate	7.76	41	111160	55.048	ug/l	92
47) n-amyl Acetate	10.89	43	196483	53.523	ug/l	98
48) t-1,3-Dichloropropene	9.04	75	149331	56.647	ug/l	97
49) cis-1,3-Dichloropropene	8.43	75	165199	57.295	ug/l	100
50) 1,1,2-Trichloroethane	9.21	97	100313	51.231	ug/l	99
51) Ethyl methacrylate	9.17	69	159982	52.572	ug/l	97
52) 1,3-Dichloropropane	9.37	76	169340	53.162	ug/l	99
53) Dibromochloromethane	9.58	129	105446	49.973	ug/l	99
54) 1,2-Dibromoethane	9.67	107	104959	49.241	ug/l	96
55) 2-Chloroethyl vinyl ether	8.31	63	363415	278.921	ug/l	99
56) Bromoform	10.85	173	73372	47.122	ug/l	100
58) 4-Methyl-2-Pentanone	8.64	43	708337	271.718	ug/l	100
59) 2-Hexanone	9.49	43	564058	281.135	ug/l	99
61) Tetrachloroethene	9.33	164	100747	50.263	ug/l	94
62) Toluene	8.78	91	418815	51.676	ug/l	99
64) Chlorobenzene	10.14	112	267293	51.528	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.21	131	98719	52.038	ug/l	99
66) Ethyl Benzene	10.25	91	482828	52.939	ug/l	99
67) m/p-Xylenes	10.35	106	364057	104.805	ug/l	99
68) o-Xylene	10.70	106	175073	51.365	ug/l	99
69) Styrene	10.71	104	303258	52.731	ug/l	99
70) Isopropylbenzene	11.01	105	472570	52.044	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	153863	52.359	ug/l	97
72) 1,2,3-Trichloropropane	11.29	75	175989	72.186	ug/l	80
73) Bromobenzene	11.25	156	108408	45.432	ug/l	99
74) n-propylbenzene	11.35	91	518333	50.682	ug/l	100
75) 2-Chlorotoluene	11.42	91	323608	53.084	ug/l	99
76) 1,3,5-Trimethylbenzene	11.50	105	401779	52.370	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	50392	60.047	ug/l	94
78) 4-Chlorotoluene	11.51	91	372073	52.965	ug/l	99
79) tert-butylbenzene	11.76	119	370042	49.866	ug/l	98
80) 1,2,4-Trimethylbenzene	11.80	105	400091	51.719	ug/l	98
81) sec-Butylbenzene	11.94	105	443688	50.729	ug/l	100
82) p-Isopropyltoluene	12.06	119	424109	52.595	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	200666	47.164	ug/l	98
84) 1,4-Dichlorobenzene	12.09	146	202090	48.029	ug/l	99
85) n-Butylbenzene	12.39	91	357679	51.944	ug/l	99
86) Hexachloroethane	12.59	117	71399	54.284	ug/l	94
87) 1,2-Dichlorobenzene	12.39	146	200417	48.584	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	36433	56.102	ug/l	98
89) 1,2,4-Trichlorobenzene	13.64	180	126064	44.798	ug/l	96
90) Hexachlorobutadiene	13.78	225	56258	41.834	ug/l	94
91) Naphthalene	13.83	128	436737	50.176	ug/l	98
92) 1,2,3-Trichlorobenzene	14.01	180	129290	46.041	ug/l	99

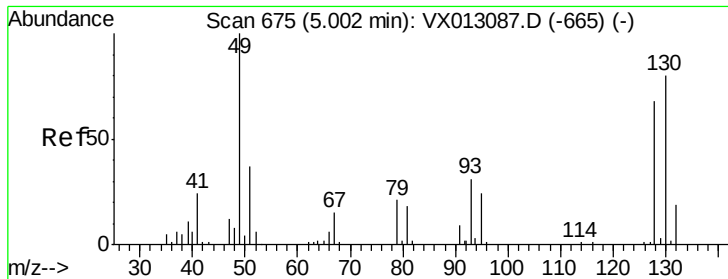
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.00 min Scan# 675

Delta R.T. -0.00 min

Lab File: VX013088.D

Acq: 16 Oct 2019 11:20

Instrument :
MSVOA_X
ClientSampleId :

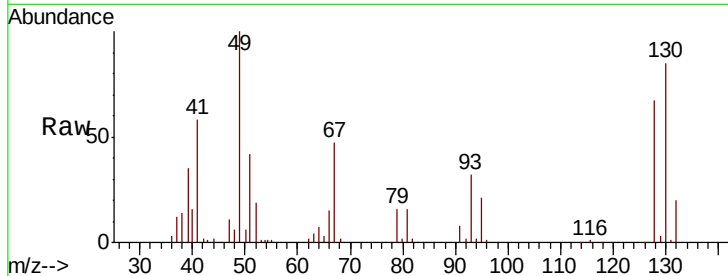
Tot Ion:128 Resp: 30339

Ion Ratio Lower Upper

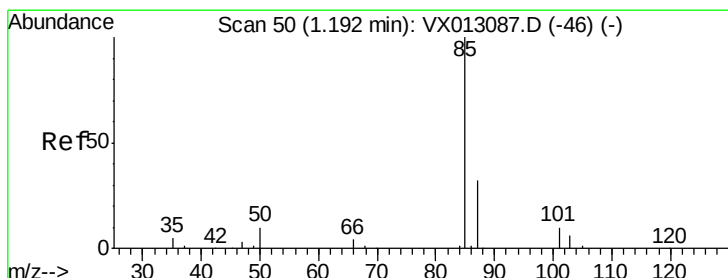
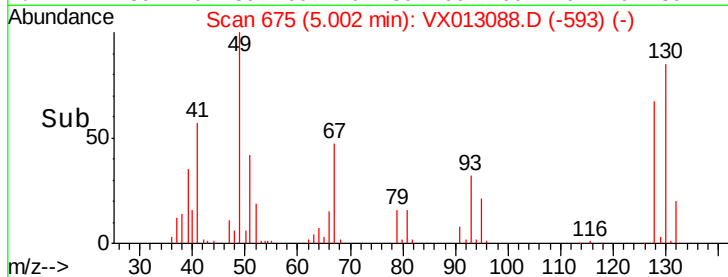
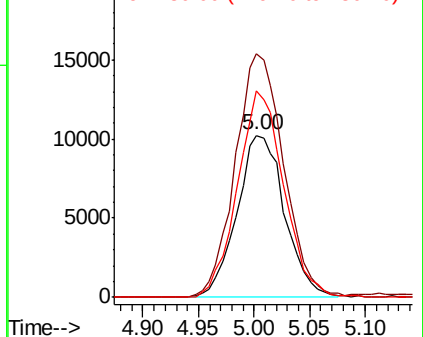
128 100

49 153.4 0.0 382.3

130 123.9 0.0 321.8



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: 51.119 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX013088.D

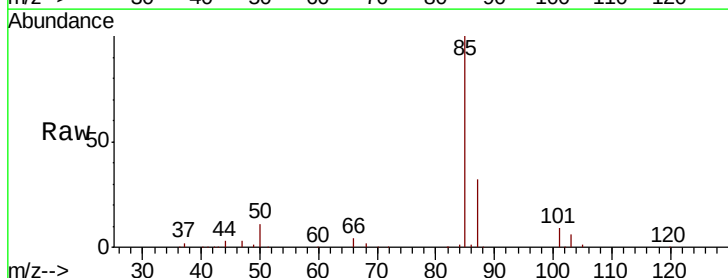
Acq: 16 Oct 2019 11:20

Tgt Ion: 85 Resp: 101458

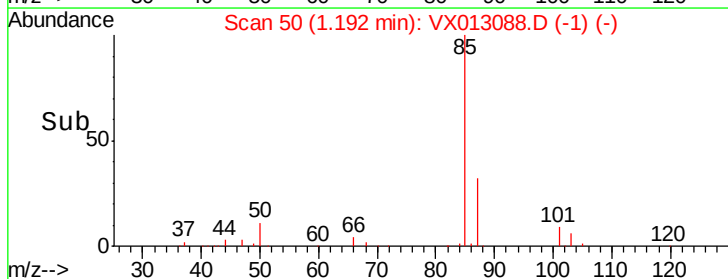
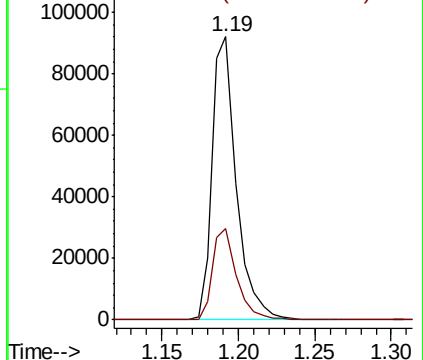
Ion Ratio Lower Upper

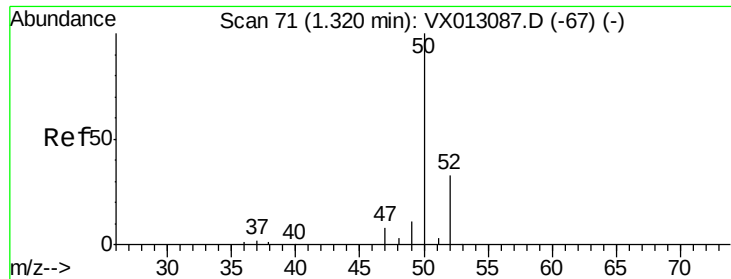
85 100

87 32.4 16.2 48.5



Abundance Ion 85.00 (84.70 to 85.70): VX0
Ion 87.00 (86.70 to 87.70): VX0

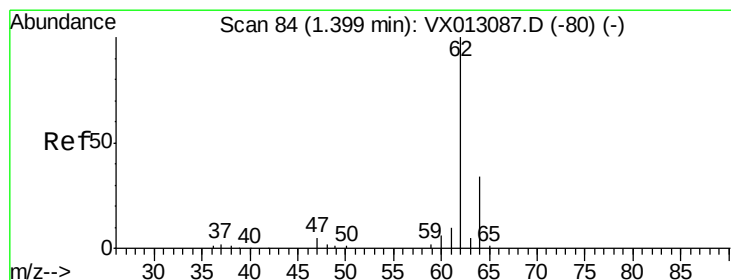
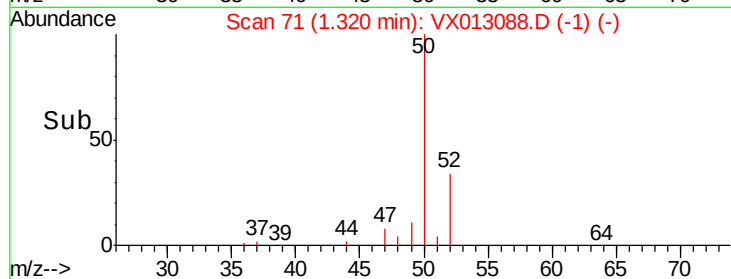
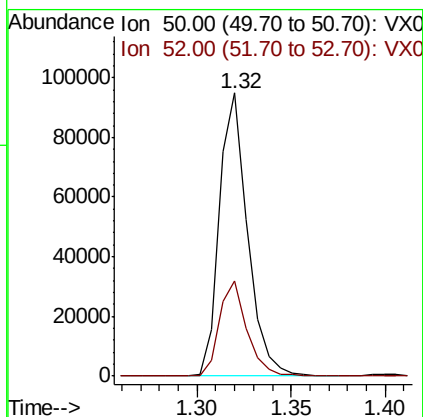
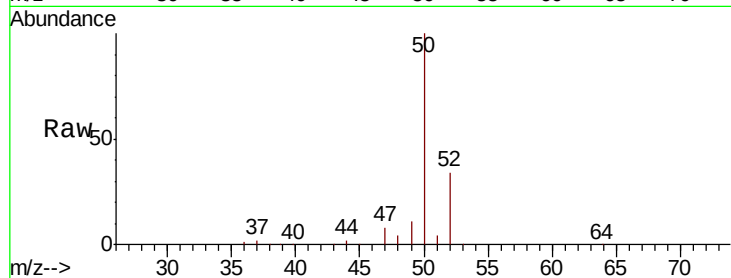




#3
Chloromethane
Concen: 55.437 ug/l
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VX013088.D
Acq: 16 Oct 2019 11:20

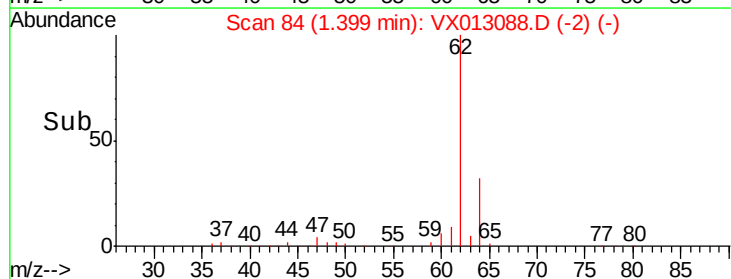
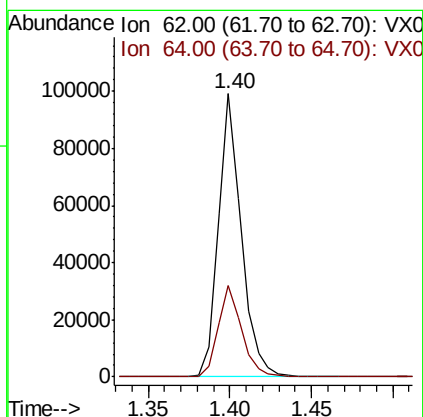
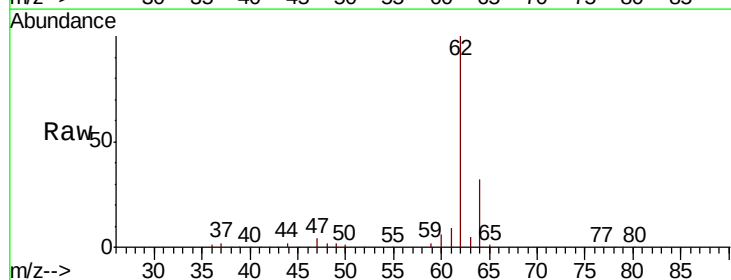
Instrument :
MSVOA_X
ClientSampleId :

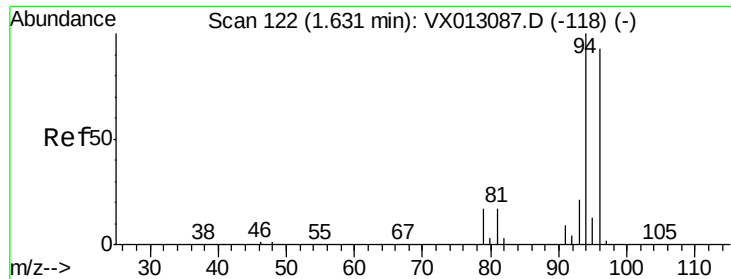
Tot Ion: 50 Resp: 98524
Ion Ratio Lower Upper
50 100
52 33.5 26.0 39.0



#4
Vinyl Chloride
Concen: 53.360 ug/l
RT: 1.40 min Scan# 84
Delta R.T. -0.00 min
Lab File: VX013088.D
Acq: 16 Oct 2019 11:20

Tgt Ion: 62 Resp: 97821
Ion Ratio Lower Upper
62 100
64 32.4 27.4 41.0





#5

Bromomethane

Concen: 42.430 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013088.D

Acq: 16 Oct 2019 11:20

Instrument :

MSVOA_X

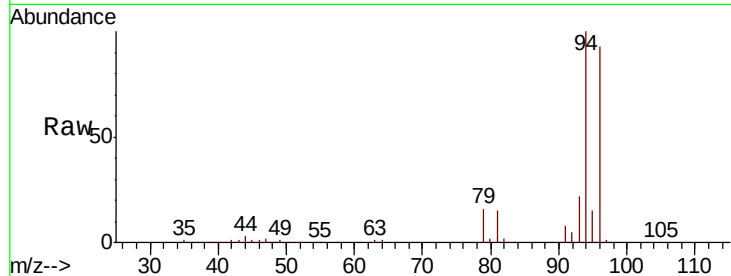
ClientSampleId :

Tot Ion: 94 Resp: 42243

Ion Ratio Lower Upper

94 100

96 93.2 74.2 111.4



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0

1.63

40000

30000

20000

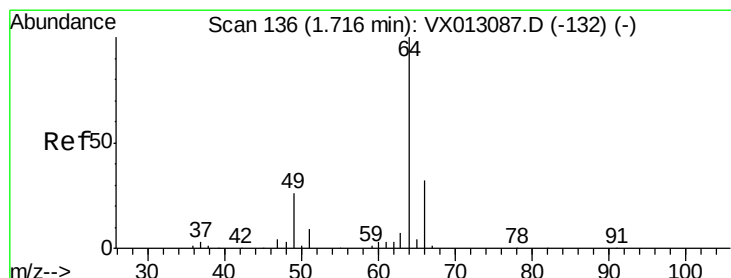
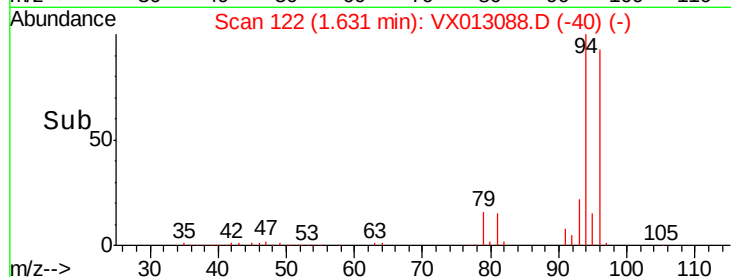
10000

0

Time-->

1.60

1.65



#6

Chloroethane

Concen: 53.527 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.01 min

Lab File: VX013088.D

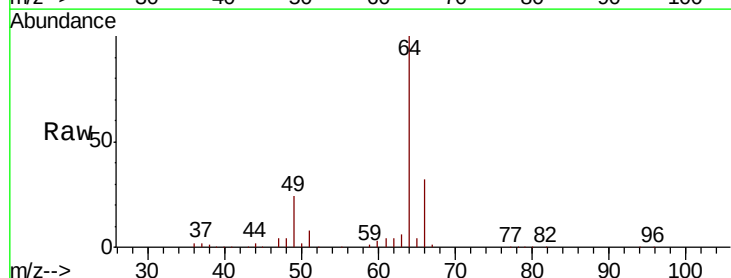
Acq: 16 Oct 2019 11:20

Tgt Ion: 64 Resp: 59711

Ion Ratio Lower Upper

64 100

66 32.7 25.6 38.4



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0

1.71

40000

30000

20000

10000

0

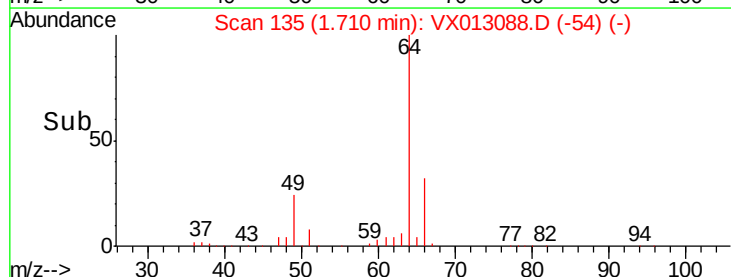
Time-->

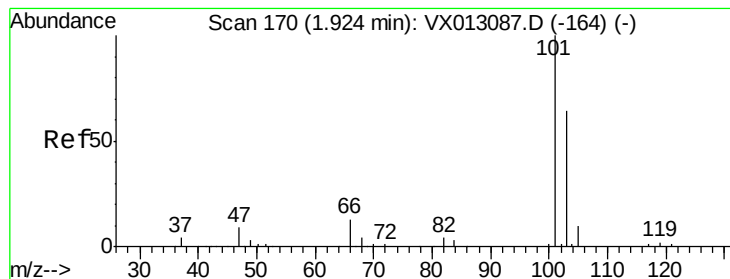
1.65

1.70

1.75

1.80



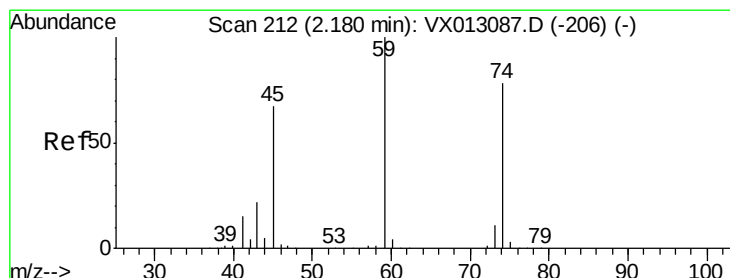
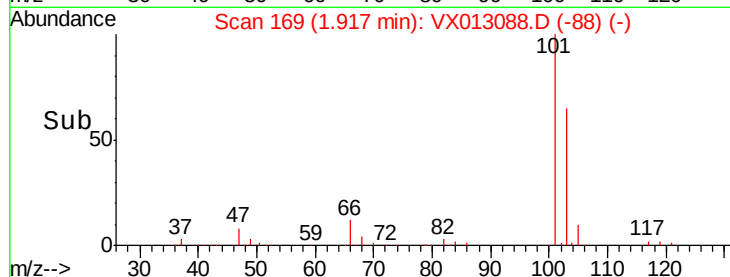
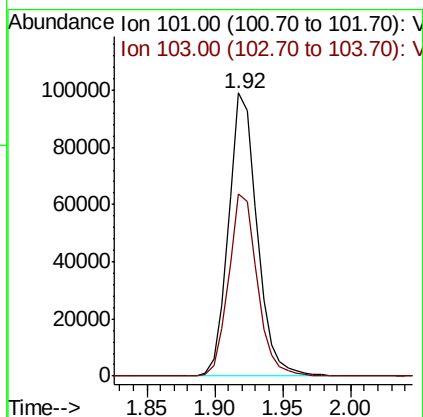
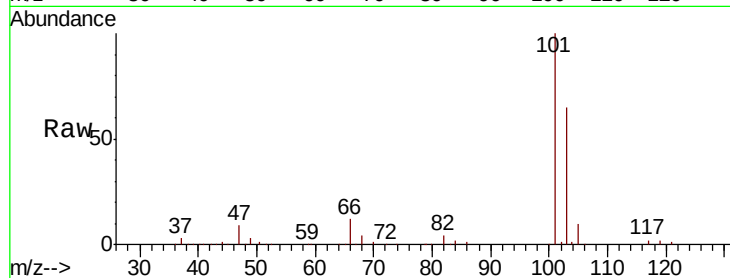


#7

Trichlorofluoromethane
 Concen: 48.300 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. -0.01 min
 Lab File: VX013088.D
 Acq: 16 Oct 2019 11:20

Instrument :
 MSVOA_X
 ClientSampled :

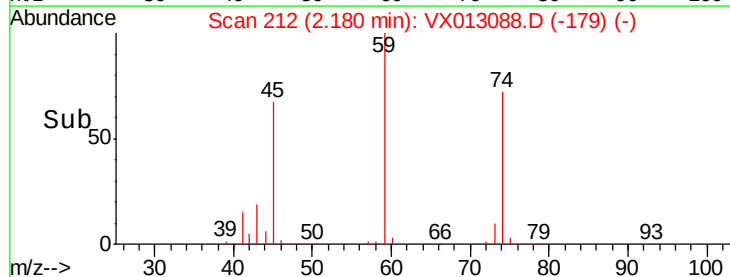
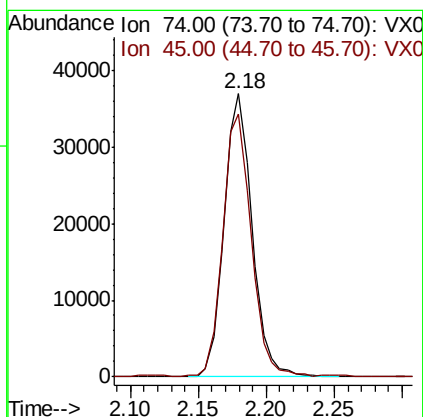
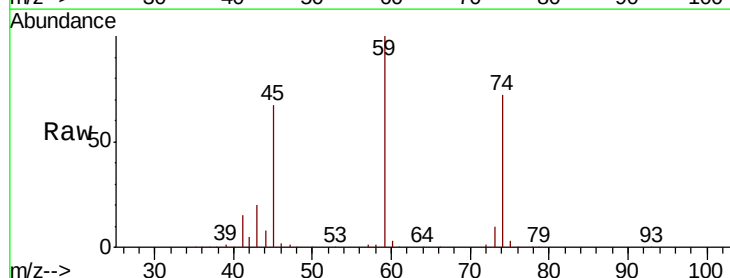
Tot Ion:101 Resp: 144748
 Ion Ratio Lower Upper
 101 100
 103 64.5 50.9 76.3

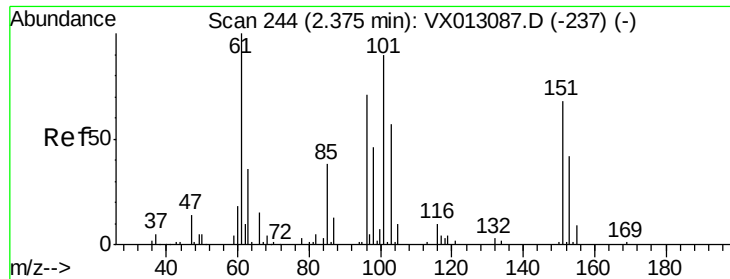


#8

Diethyl Ether
 Concen: 52.155 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX013088.D
 Acq: 16 Oct 2019 11:20

Tgt Ion: 74 Resp: 52792
 Ion Ratio Lower Upper
 74 100
 45 94.3 18.2 163.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.686 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX013088.D

Acq: 16 Oct 2019 11:20

Instrument :

MSVOA_X

ClientSampleId :

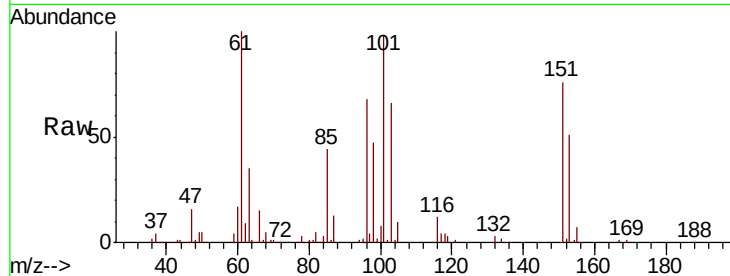
Tot Ion:101 Resp: 90980

Ion Ratio Lower Upper

101 100

85 42.6 0.0 85.2

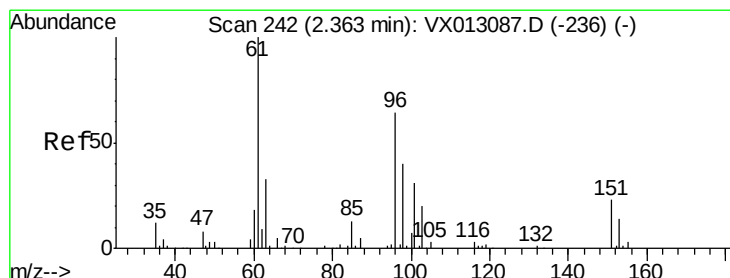
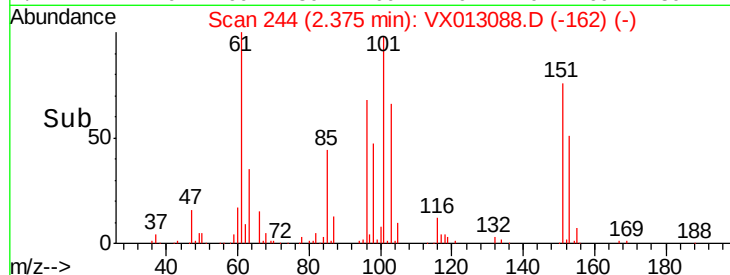
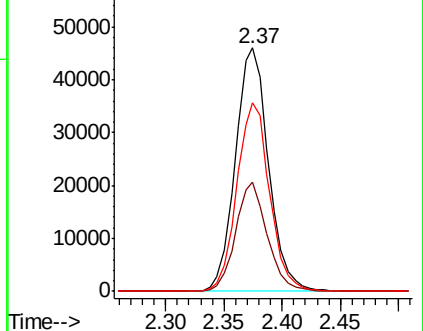
151 76.4 0.0 157.0



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: 52.680 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.00 min

Lab File: VX013088.D

Acq: 16 Oct 2019 11:20

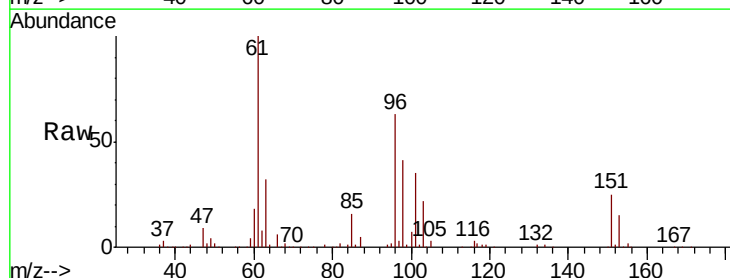
Tgt Ion: 96 Resp: 89482

Ion Ratio Lower Upper

96 100

61 158.8 124.2 186.2

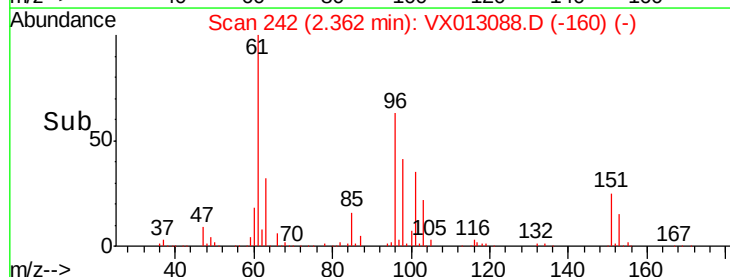
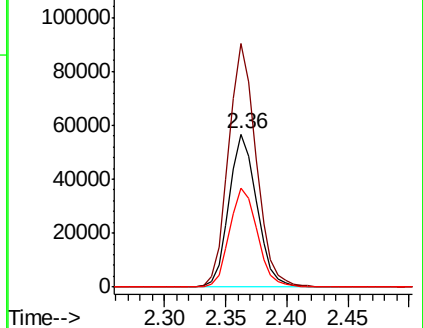
98 64.6 50.2 75.2

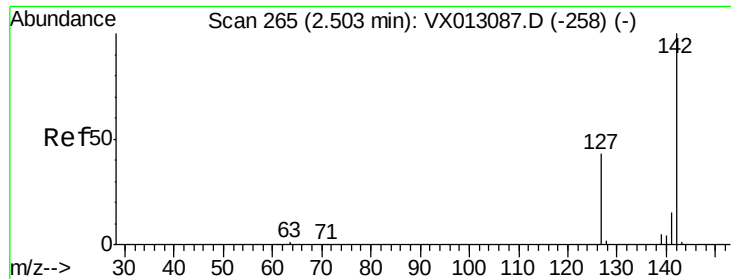


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

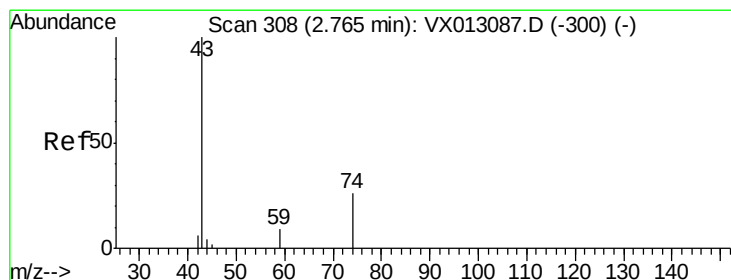
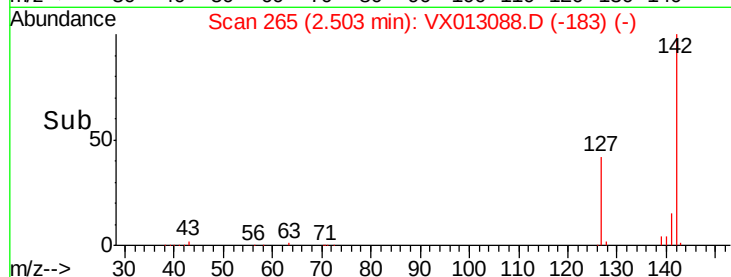
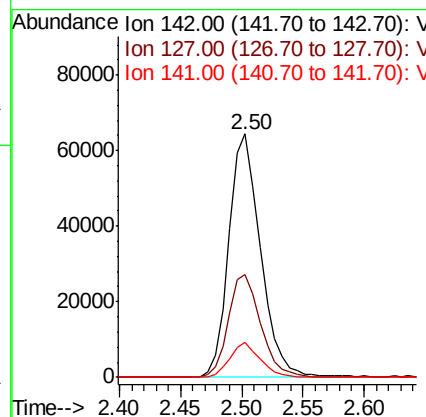
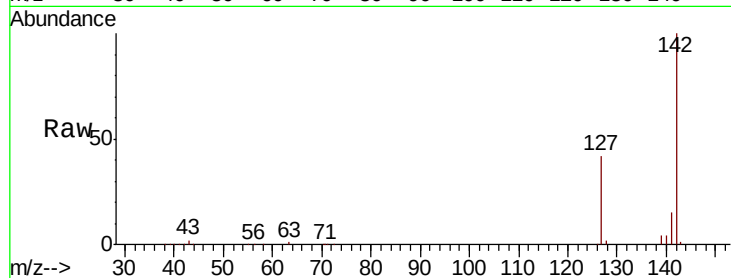




#11
Methyl Iodide
Concen: 51.460 ug/l
RT: 2.50 min Scan# 265
Delta R.T. -0.00 min
Lab File: VX013088.D
Acq: 16 Oct 2019 11:20

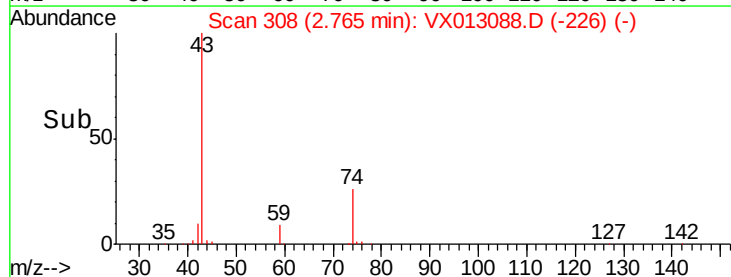
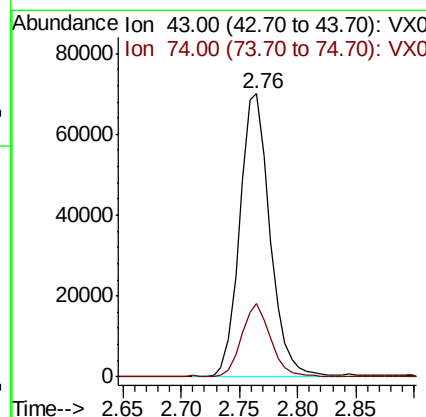
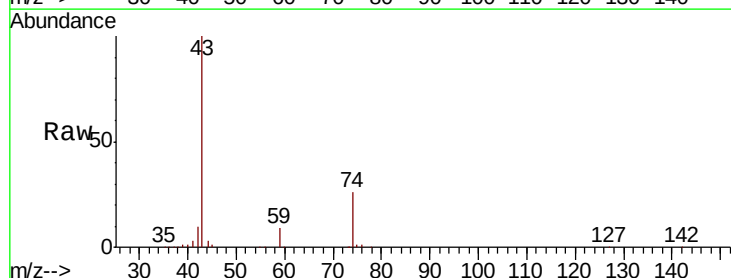
Instrument :
MSVOA_X
ClientSampleId :

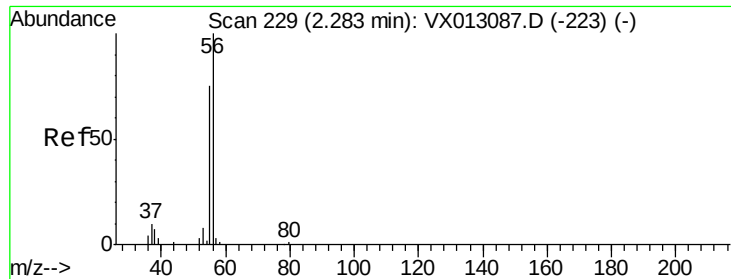
Tot Ion:142 Resp: 115712
Ion Ratio Lower Upper
142 100
127 42.1 21.4 64.2
141 14.5 7.3 21.9



#12
Methyl Acetate
Concen: 53.509 ug/l
RT: 2.76 min Scan# 308
Delta R.T. -0.00 min
Lab File: VX013088.D
Acq: 16 Oct 2019 11:20

Tgt Ion: 43 Resp: 127044
Ion Ratio Lower Upper
43 100
74 25.7 20.9 31.3





#13

Acrolein

Concen: 324.154 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX013088.D

Acq: 16 Oct 2019 11:20

Instrument :

MSVOA_X

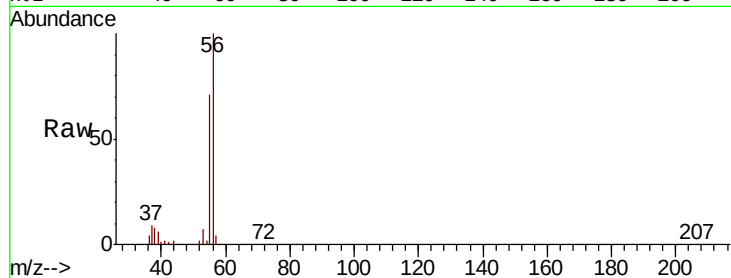
ClientSampleId :

Tot Ion: 56 Resp: 95688

Ion Ratio Lower Upper

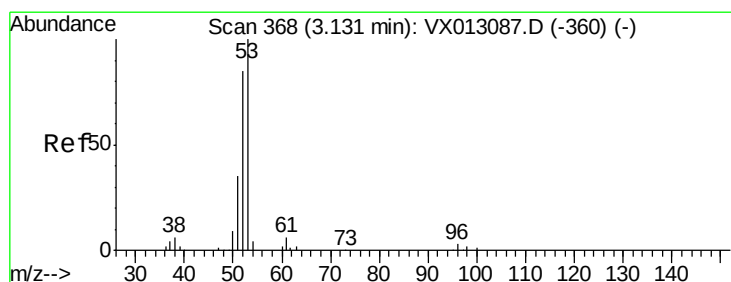
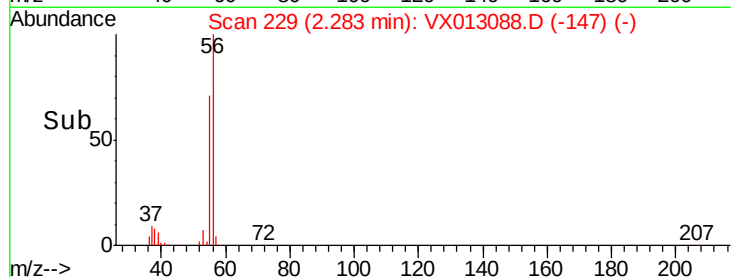
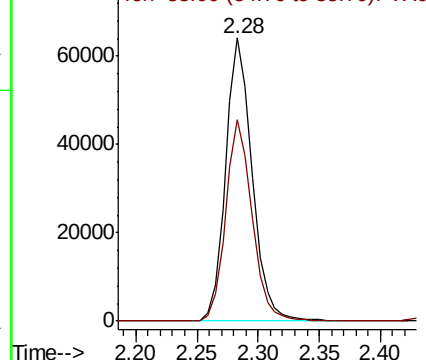
56 100

55 71.4 57.8 86.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Acrylonitrile

Concen: 283.884 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013088.D

Acq: 16 Oct 2019 11:20

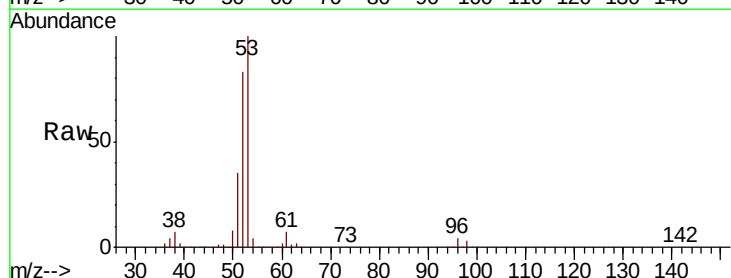
Tgt Ion: 53 Resp: 268066

Ion Ratio Lower Upper

53 100

52 82.6 41.4 124.2

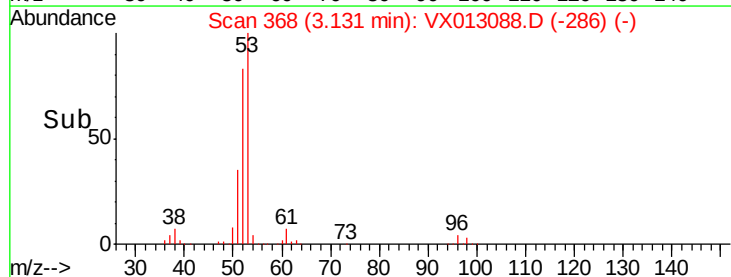
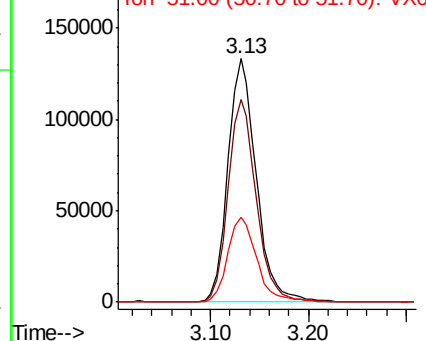
51 36.0 18.1 54.4

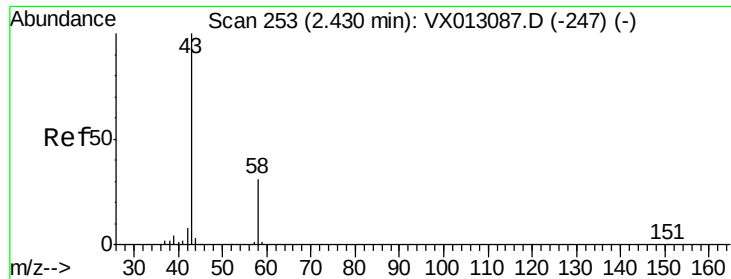


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#15

Acetone

Concen: 343.717 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX013088.D

Acq: 16 Oct 2019 11:20

Instrument :

MSVOA_X

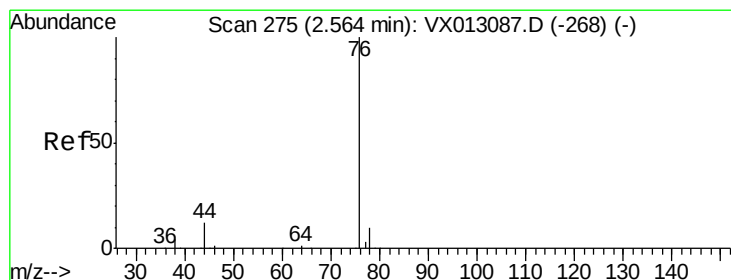
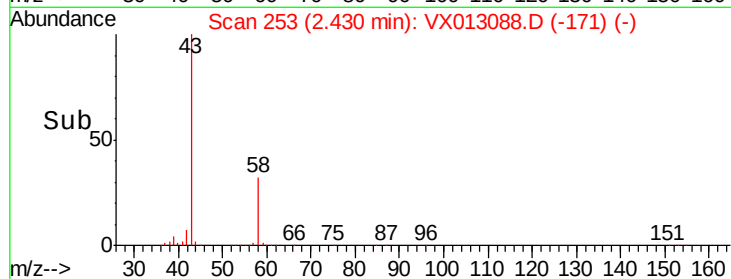
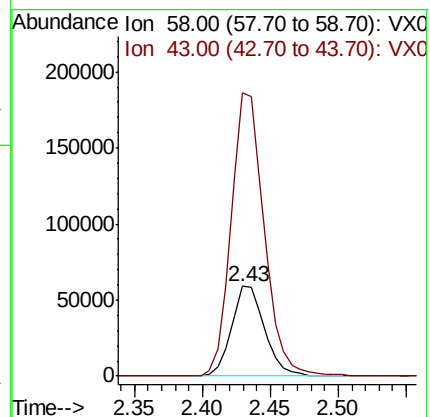
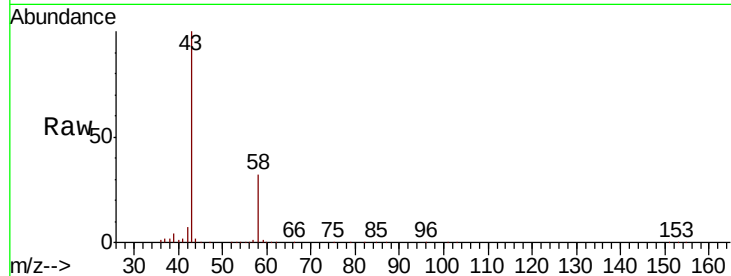
ClientSampleId :

Tot Ion: 58 Resp: 99438

Ion Ratio Lower Upper

58 100

43 315.8 259.5 389.3



#16

Carbon Disulfide

Concen: 55.004 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.00 min

Lab File: VX013088.D

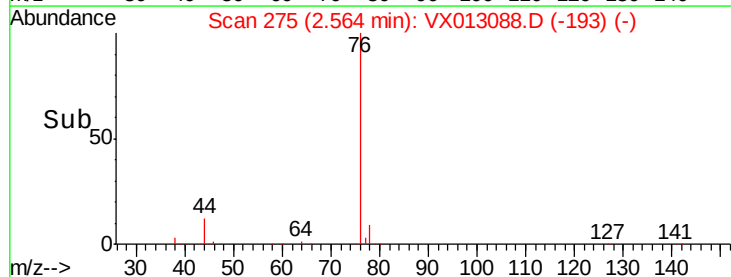
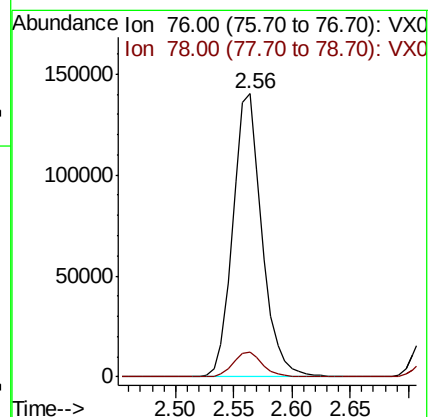
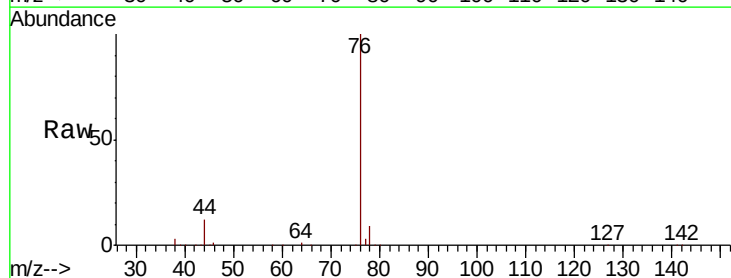
Acq: 16 Oct 2019 11:20

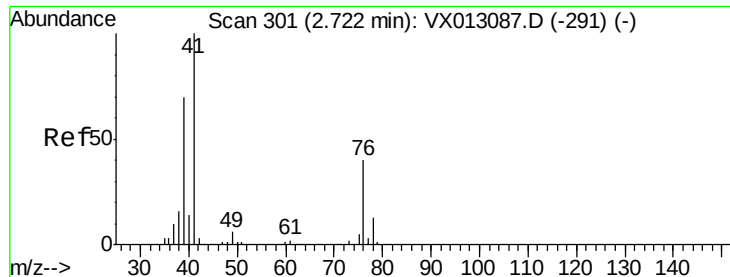
Tgt Ion: 76 Resp: 243476

Ion Ratio Lower Upper

76 100

78 9.0 7.8 11.6

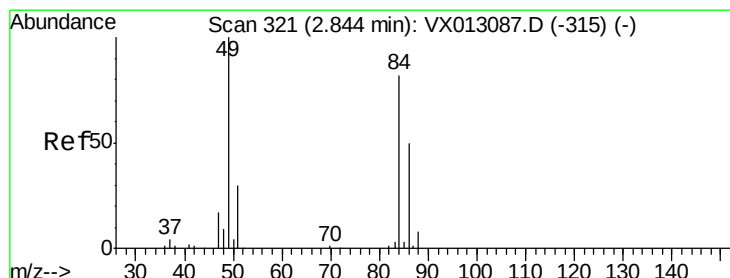
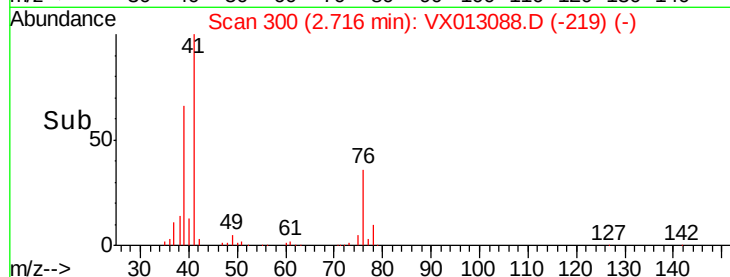
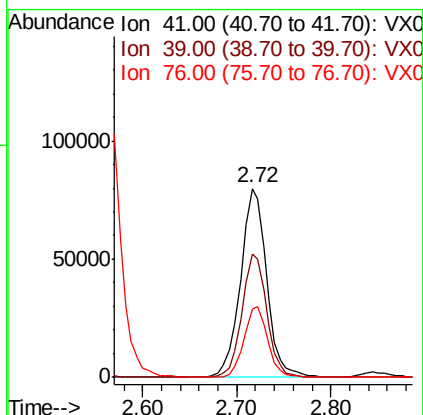
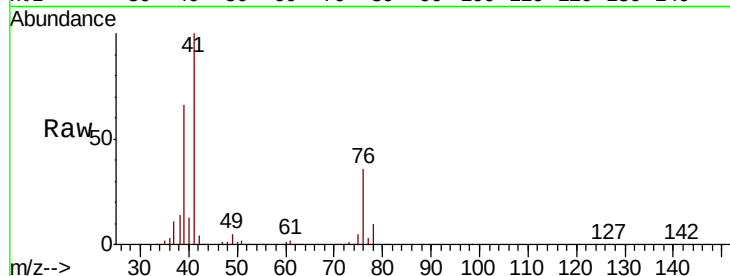




#17
Allvl chloride
Concen: 60.690 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.01 min
Lab File: VX013088.D
Acq: 16 Oct 2019 11:20

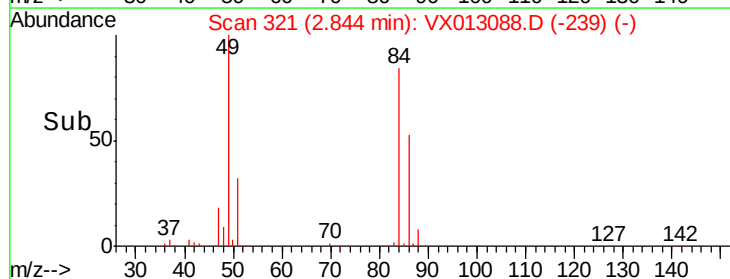
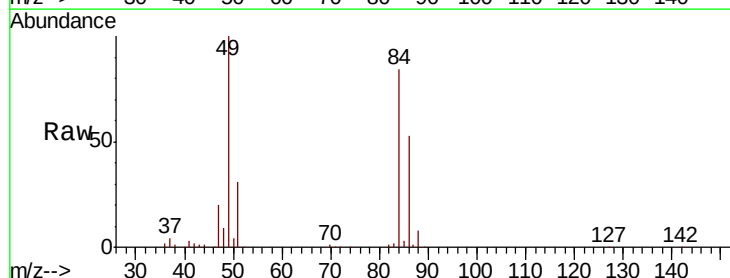
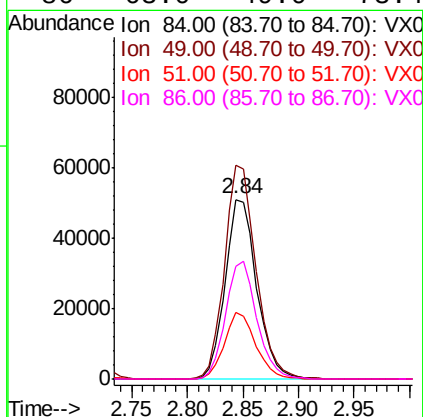
Instrument :
MSVOA_X
ClientSampled :

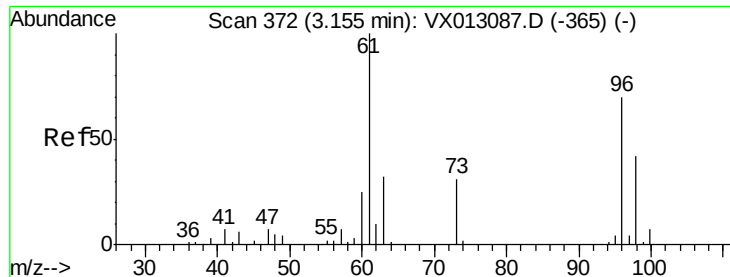
Tot Ion: 41 Resp: 155449
Ion Ratio Lower Upper
41 100
39 65.5 34.8 104.5
76 36.2 20.2 60.5



#18
Methylene Chloride
Concen: 52.828 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX013088.D
Acq: 16 Oct 2019 11:20

Tgt Ion: 84 Resp: 100784
Ion Ratio Lower Upper
84 100
49 118.8 97.8 146.6
51 37.2 29.2 43.8
86 63.0 49.0 73.4





#19

trans-1,2-Dichloroethene

Concen: 53.134 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013088.D

Acq: 16 Oct 2019 11:20

Instrument :

MSVOA_X

ClientSampleId :

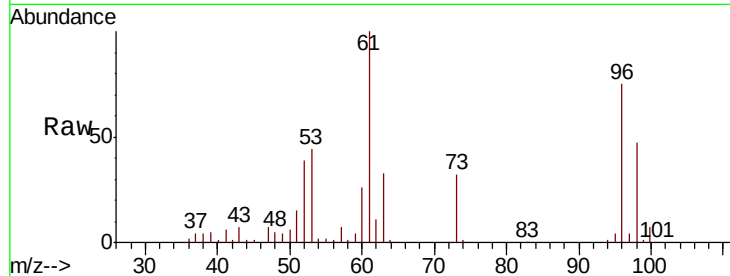
Tot Ion: 96 Resp: 95824

Ion Ratio Lower Upper

96 100

61 133.3 113.9 170.9

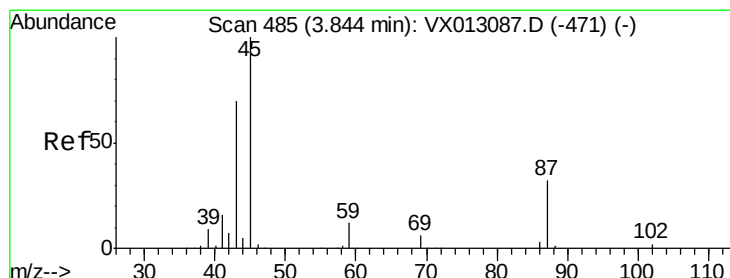
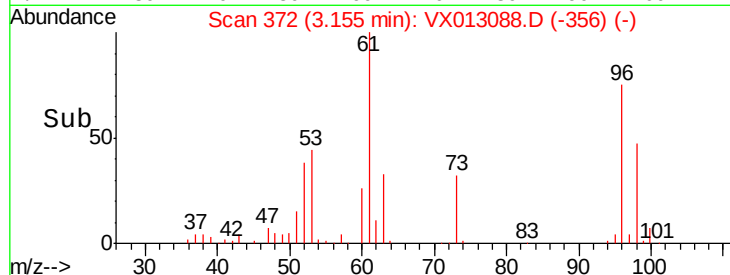
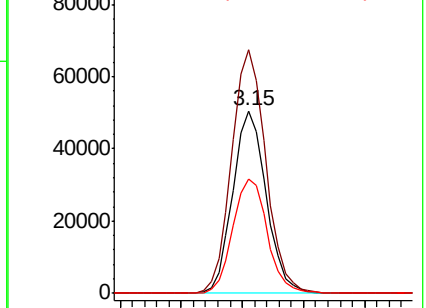
98 62.4 48.1 72.1



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: 55.565 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX013088.D

Acq: 16 Oct 2019 11:20

Tgt Ion: 45 Resp: 295799

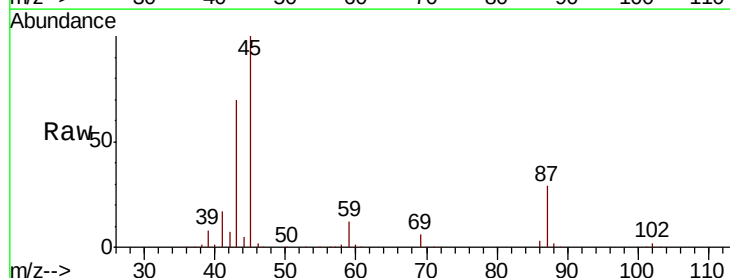
Ion Ratio Lower Upper

45 100

43 69.4 57.5 86.3

87 29.4 25.3 37.9

59 12.4 9.7 14.5

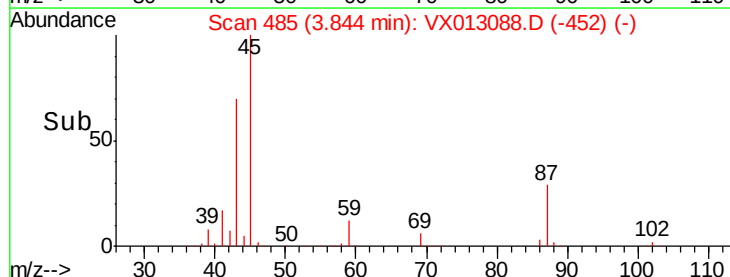
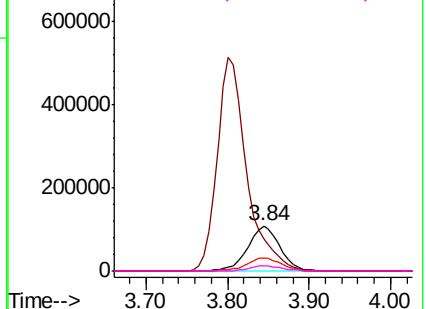


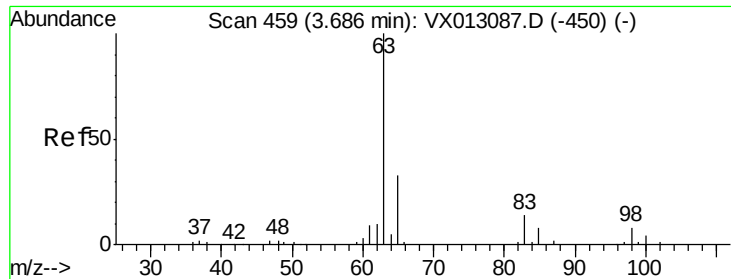
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

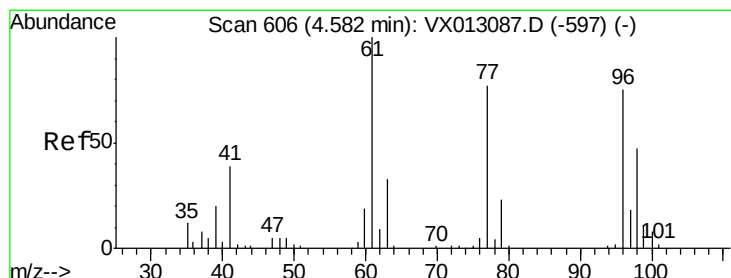
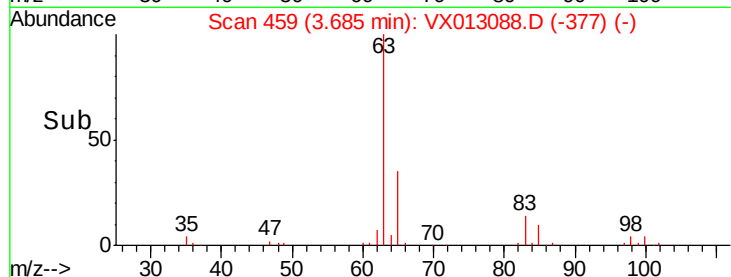
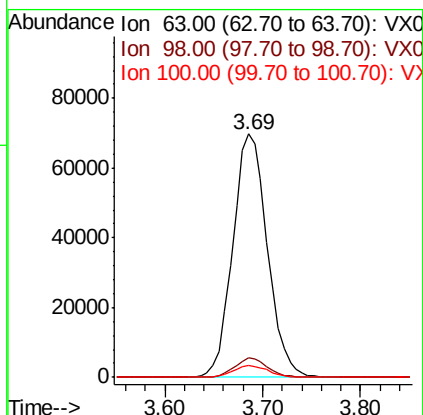
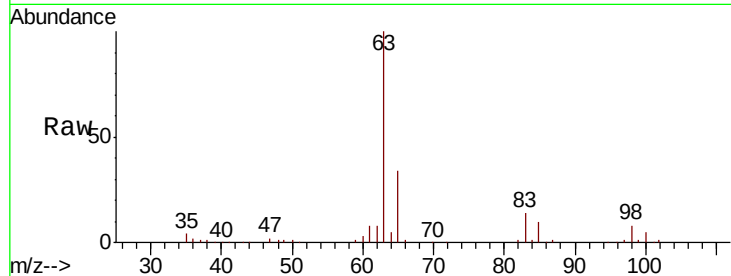




#21
 1,1-Dichloroethane
 Concen: 55.832 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. -0.00 min
 Lab File: VX013088.D
 Acq: 16 Oct 2019 11:20

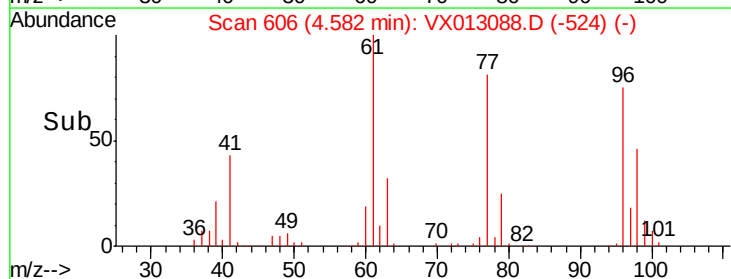
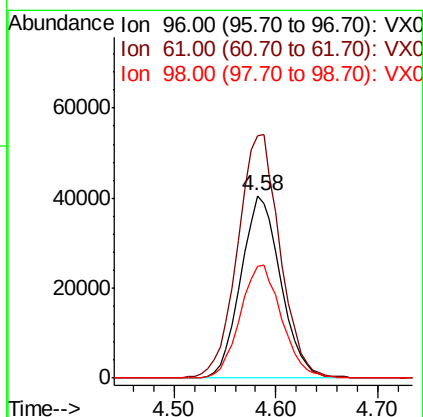
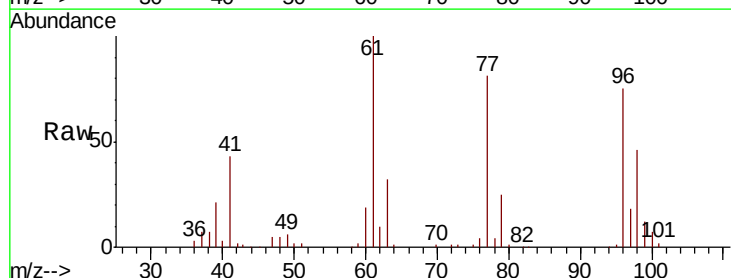
Instrument :
 MSVOA_X
 ClientSampleId :

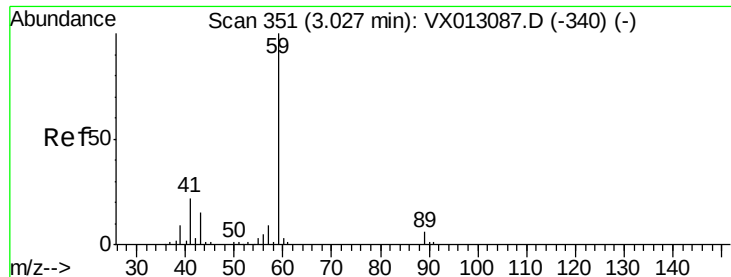
Tot Ion	Ratio	Lower	Upper
63	100		
98	8.3	3.8	11.4
100	4.9	2.1	6.5



#22
 cis-1,2-Dichloroethene
 Concen: 53.102 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: VX013088.D
 Acq: 16 Oct 2019 11:20

Tgt Ion	Ratio	Lower	Upper
96	100		
61	142.1	115.0	172.4
98	64.3	51.5	77.3



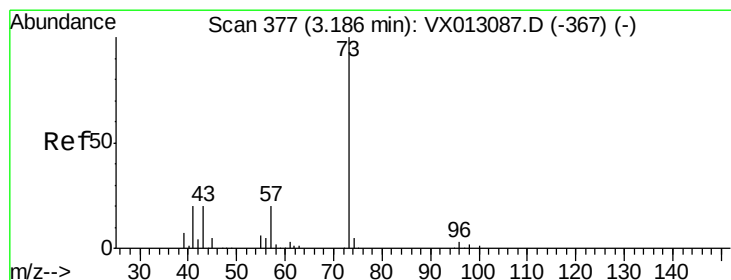
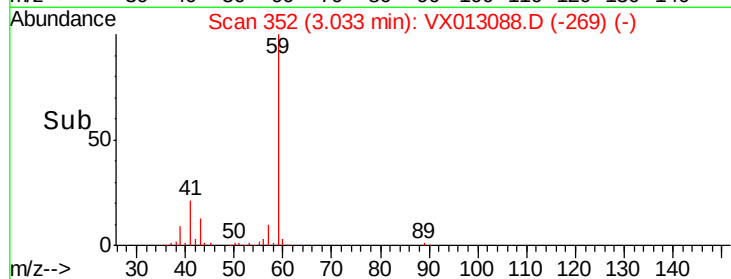
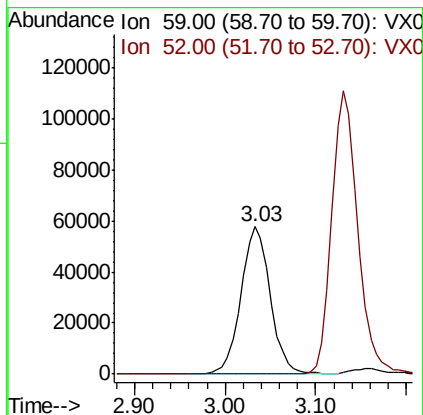
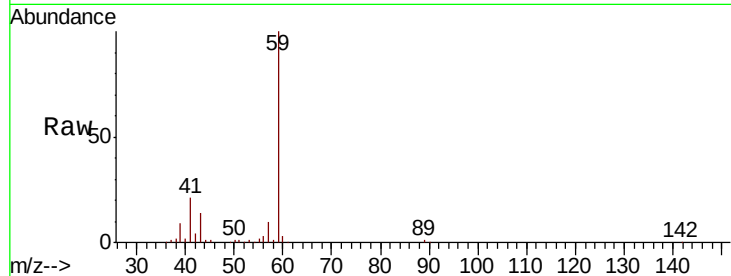


#23

tert-Butyl Alcohol
 Concen: 263.418 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. 0.01 min
 Lab File: VX013088.D
 Acq: 16 Oct 2019 11:20

Instrument :
 MSVOA_X
 ClientSampled :

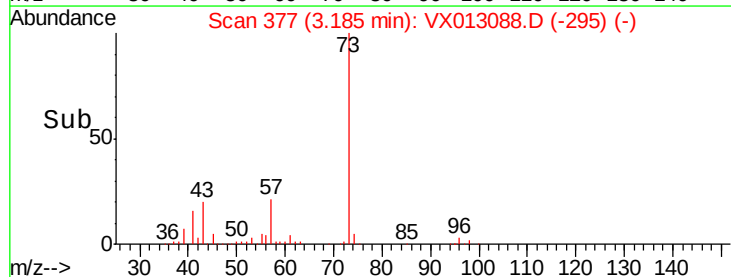
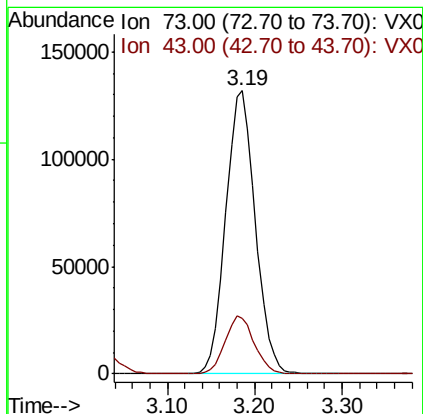
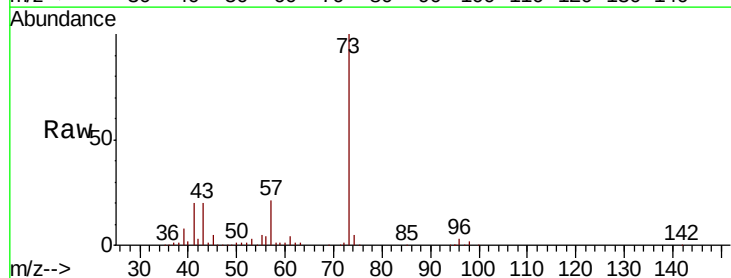
Tot Ion: 59 Resp: 129586
 Ion Ratio Lower Upper
 59 100
 52 0.1 0.1 0.1

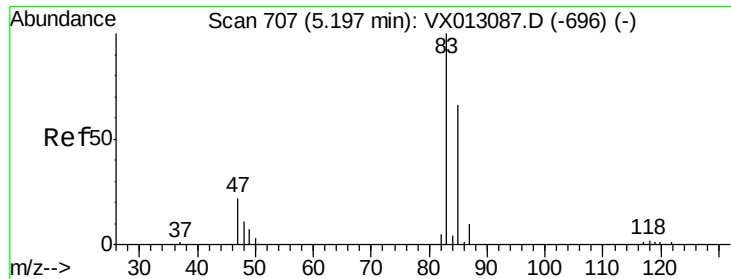


#24

Methyl tert-Butyl Ether
 Concen: 55.720 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. -0.00 min
 Lab File: VX013088.D
 Acq: 16 Oct 2019 11:20

Tgt Ion: 73 Resp: 310074
 Ion Ratio Lower Upper
 73 100
 43 20.2 15.8 23.8

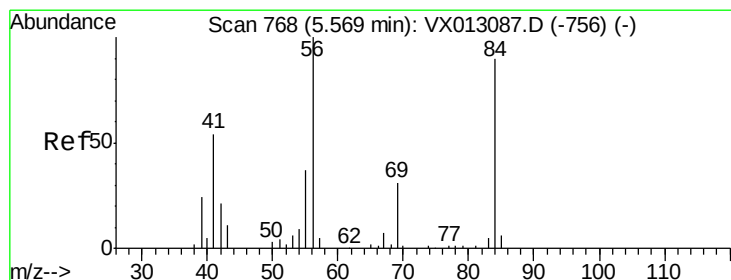
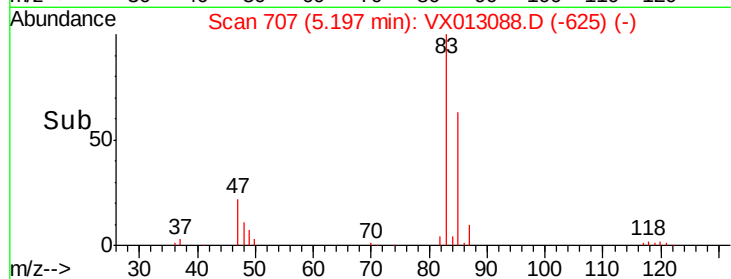
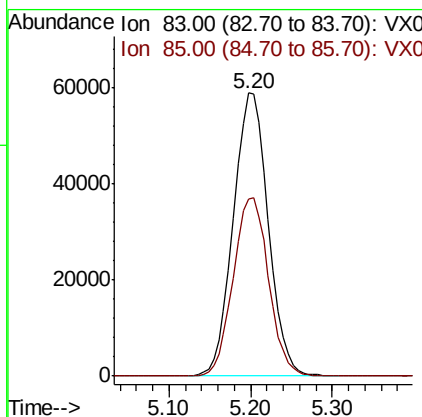
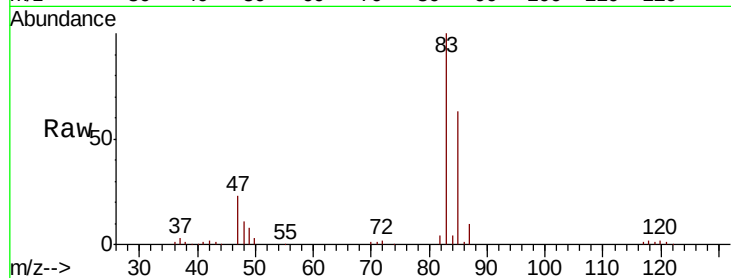




#25
Chloroform
Concen: 52.842 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX013088.D
Acq: 16 Oct 2019 11:20

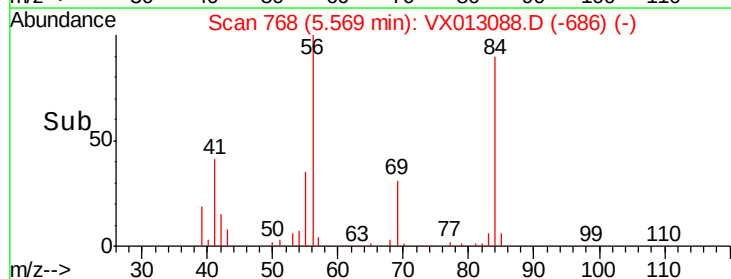
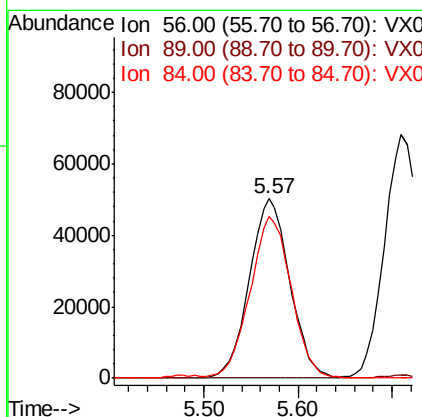
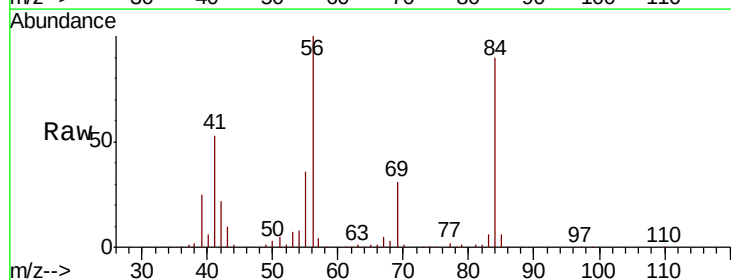
Instrument :
MSVOA_X
ClientSampleId :

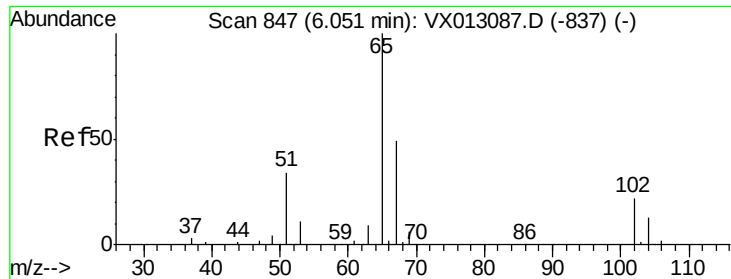
Tot Ion: 83 Resp: 175095
Ion Ratio Lower Upper
83 100
85 62.6 53.0 79.6



#26
Cyclohexane
Concen: 54.394 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013088.D
Acq: 16 Oct 2019 11:20

Tgt Ion: 56 Resp: 151201
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 91.6 71.3 106.9

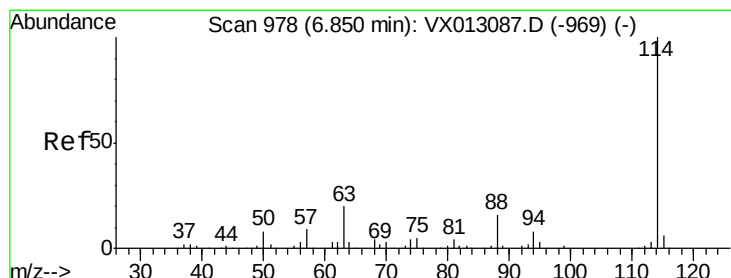
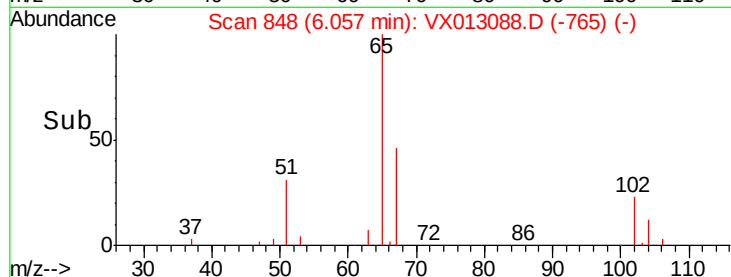
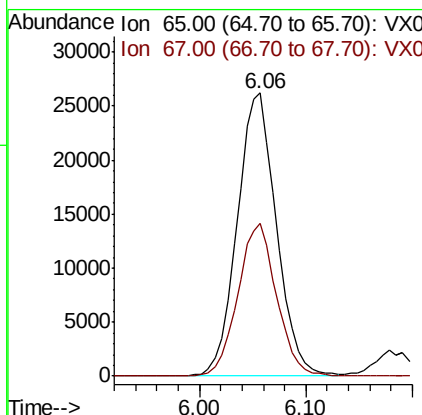
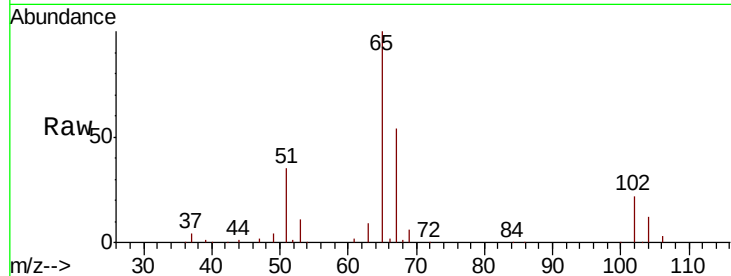




#27
 1,2-Dichloroethane-d4
 Concen: 31.977 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX013088.D
 Acq: 16 Oct 2019 11:20

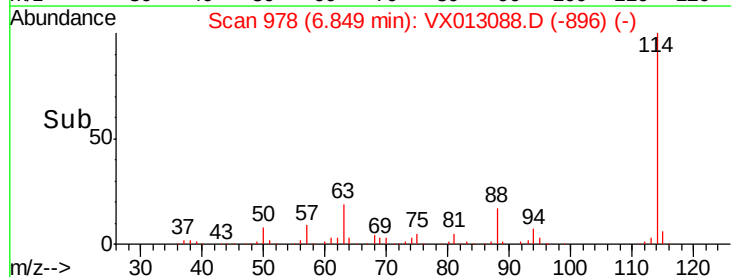
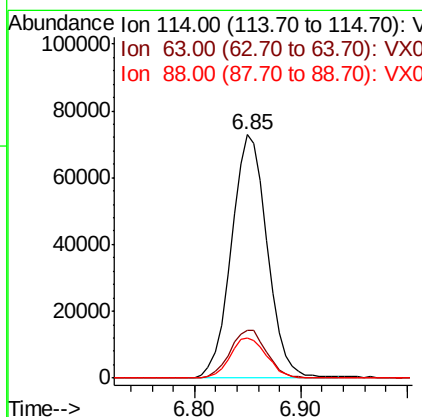
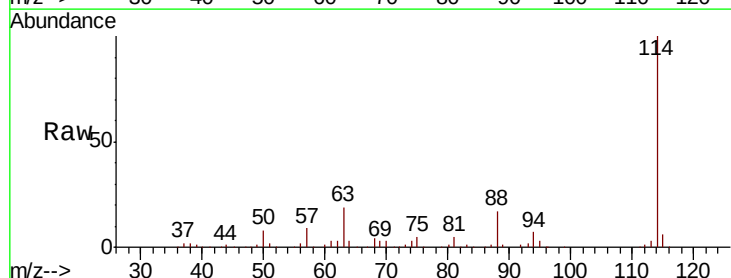
Instrument :
 MSVOA_X
 ClientSampleId :

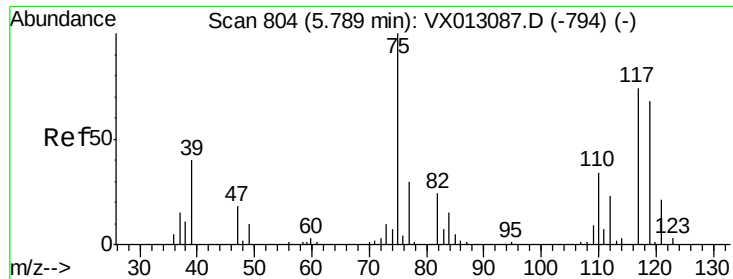
Tot Ion: 65 Resp: 67653
 Ion Ratio Lower Upper
 65 100
 67 53.1 41.2 61.8



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013088.D
 Acq: 16 Oct 2019 11:20

Tgt Ion: 114 Resp: 171849
 Ion Ratio Lower Upper
 114 100
 63 20.4 16.5 24.7
 88 16.9 13.6 20.4

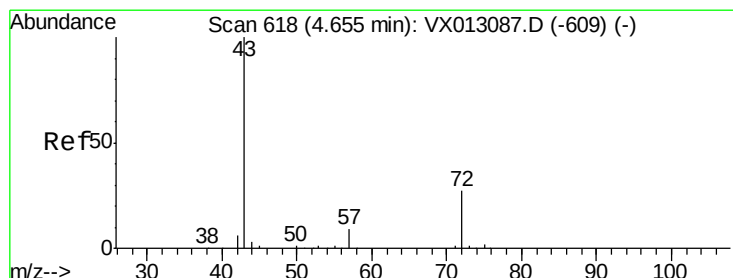
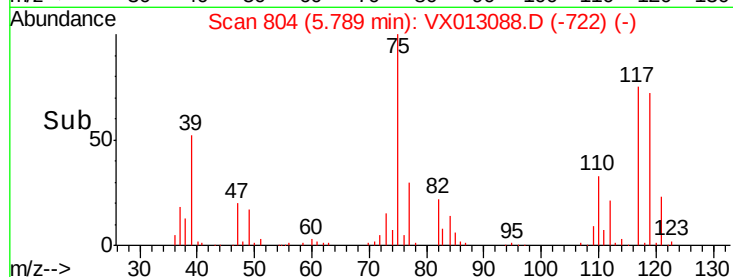
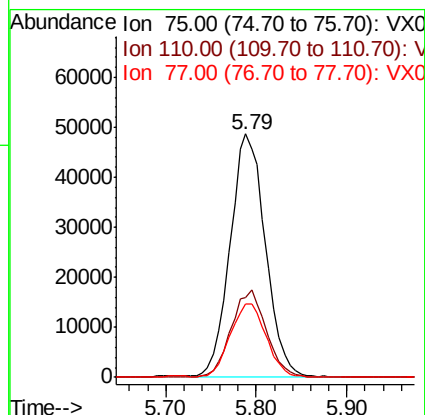
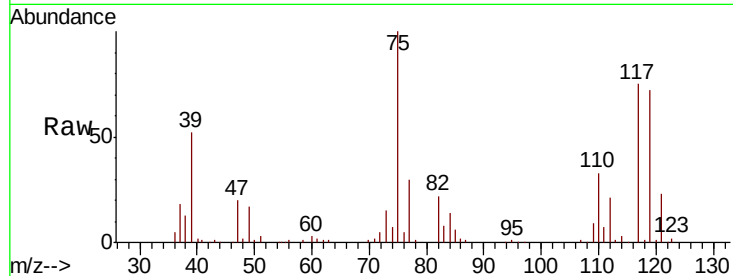




#29
 1,1-Dichloropropene
 Concen: 53.989 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX013088.D
 Acq: 16 Oct 2019 11:20

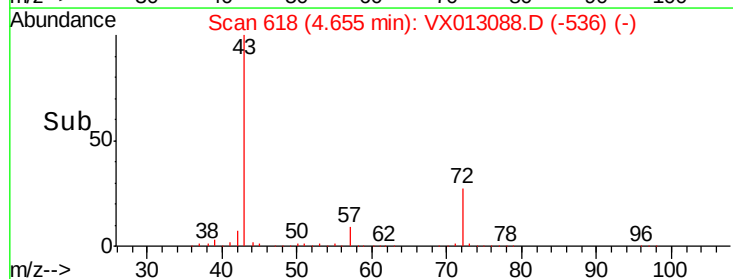
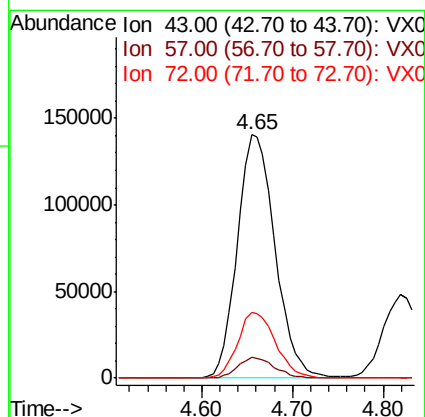
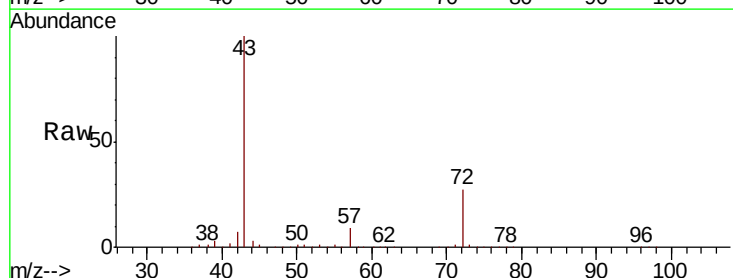
Instrument :
 MSVOA_X
 ClientSampleId :

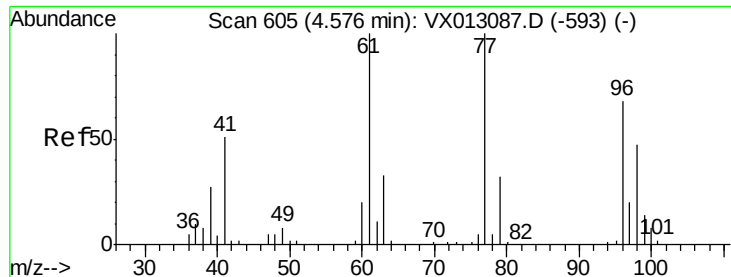
Tot Ion	Ratio	Lower	Upper
75	100		
110	35.6	0.0	72.2
77	30.8	0.0	62.8



#30
 2-Butanone
 Concen: 296.046 ug/l
 RT: 4.65 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: VX013088.D
 Acq: 16 Oct 2019 11:20

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.3	6.9	10.3
72	27.3	22.1	33.1





#31

2,2-Dichloropropane

Concen: 64.397 ug/l

RT: 4.58 min Scan# 605

Delta R.T. -0.00 min

Lab File: VX013088.D

Acq: 16 Oct 2019 11:20

Instrument :

MSVOA_X

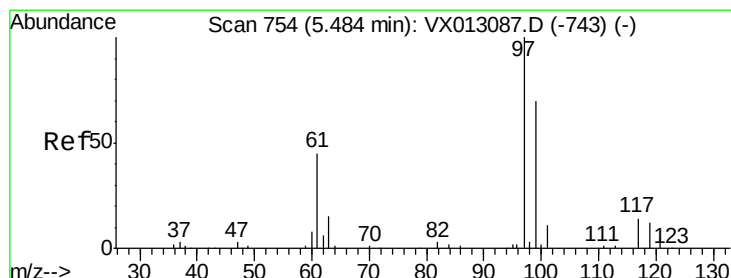
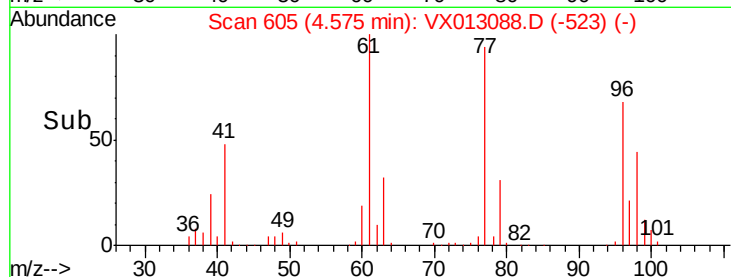
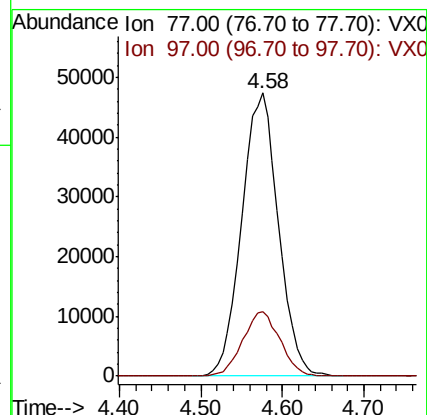
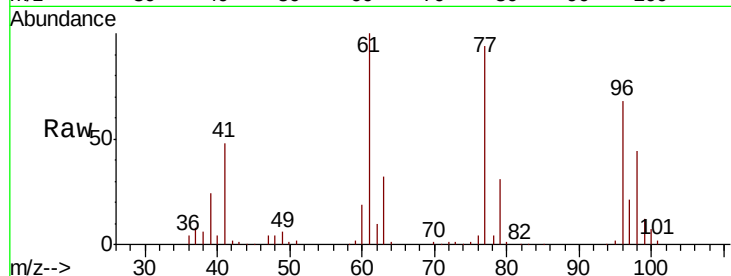
ClientSampleId :

Tot Ion: 77 Resp: 148082

Ion Ratio Lower Upper

77 100

97 23.0 17.8 26.6



#32

1,1,1-Trichloroethane

Concen: 52.562 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX013088.D

Acq: 16 Oct 2019 11:20

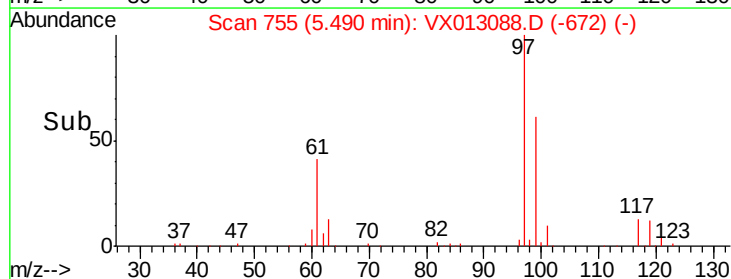
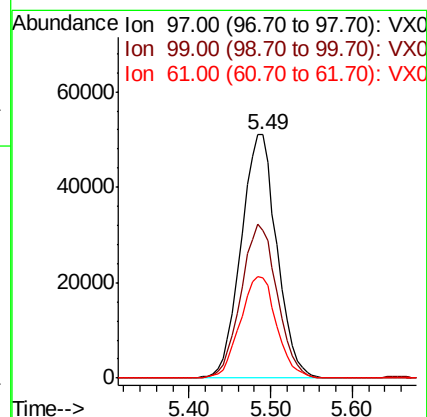
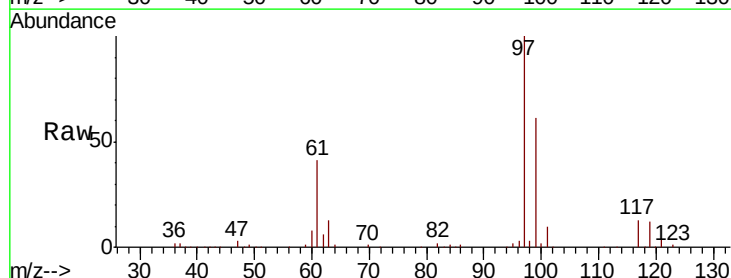
Tgt Ion: 97 Resp: 155142

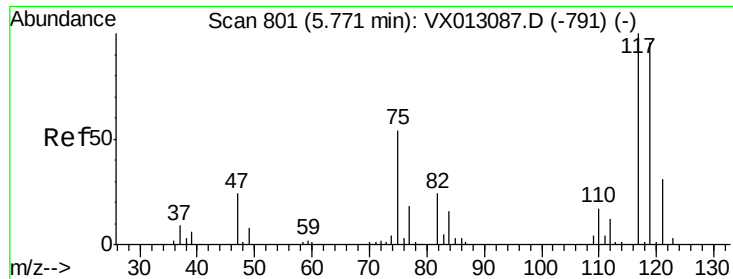
Ion Ratio Lower Upper

97 100

99 63.9 52.4 78.6

61 42.5 35.1 52.7

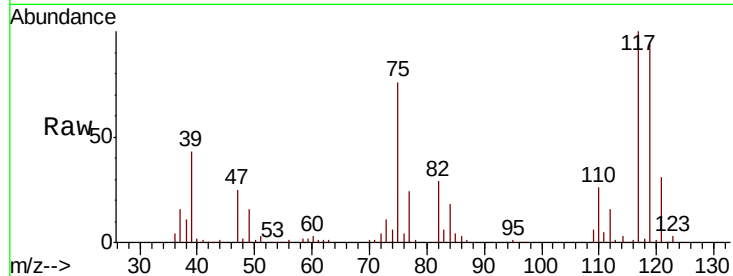




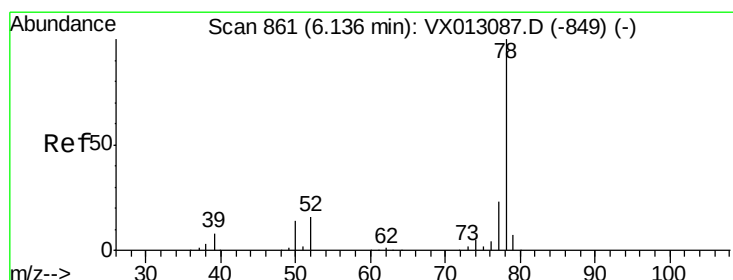
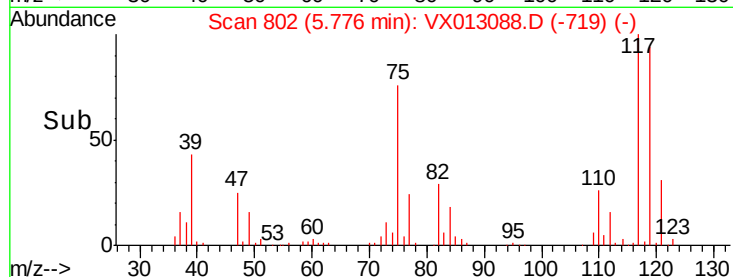
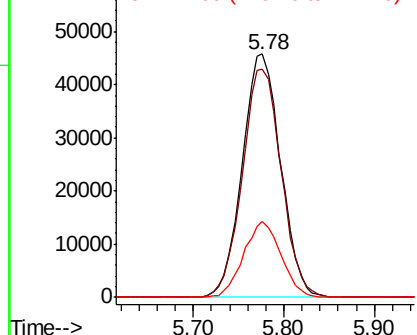
#33
Carbon Tetrachloride
Concen: 52.139 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.01 min
Lab File: VX013088.D
Acq: 16 Oct 2019 11:20

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 134116
Ion Ratio Lower Upper
117 100
119 93.5 77.0 115.4
121 31.2 24.6 36.8

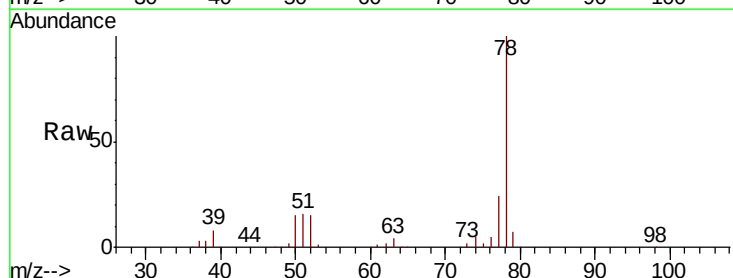


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V

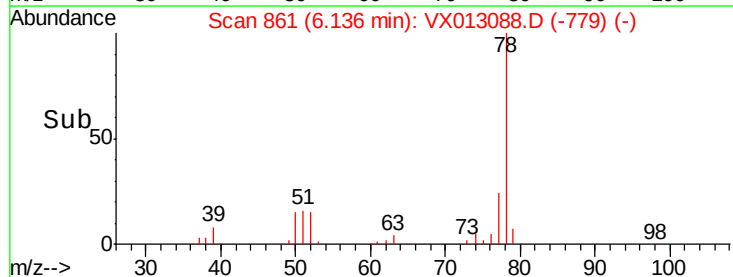
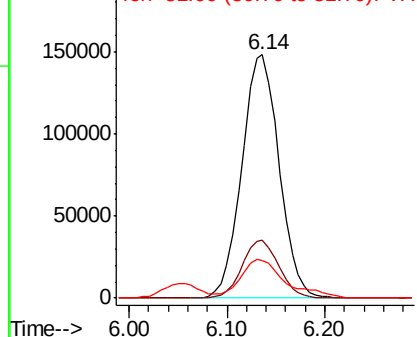


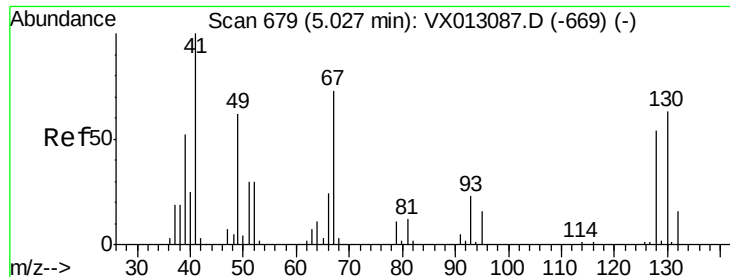
#34
Benzene
Concen: 53.216 ug/l
RT: 6.14 min Scan# 861
Delta R.T. -0.00 min
Lab File: VX013088.D
Acq: 16 Oct 2019 11:20

Tgt Ion: 78 Resp: 391846
Ion Ratio Lower Upper
78 100
77 23.8 18.5 27.7
51 14.9 12.1 18.1



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

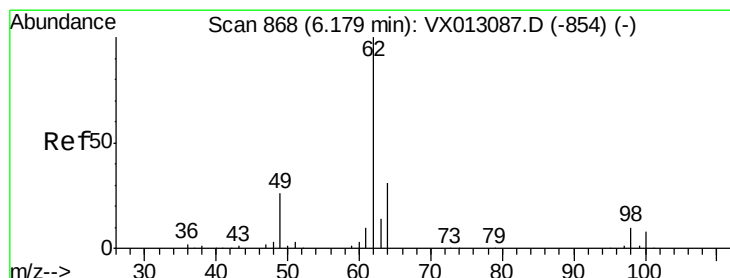
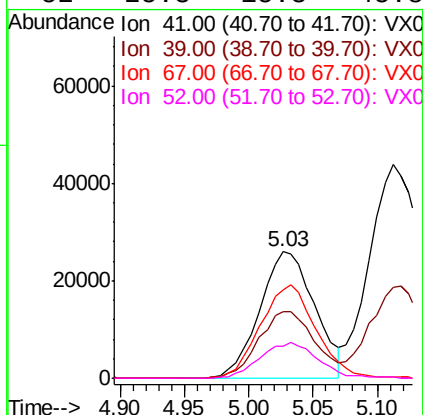
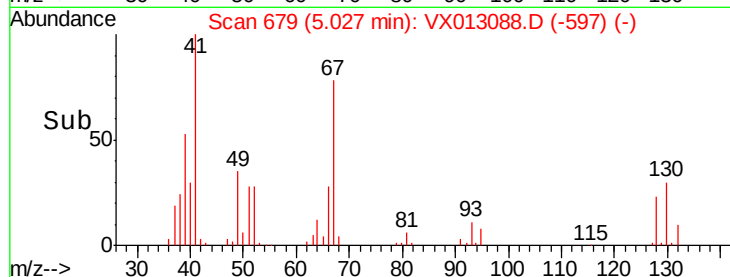
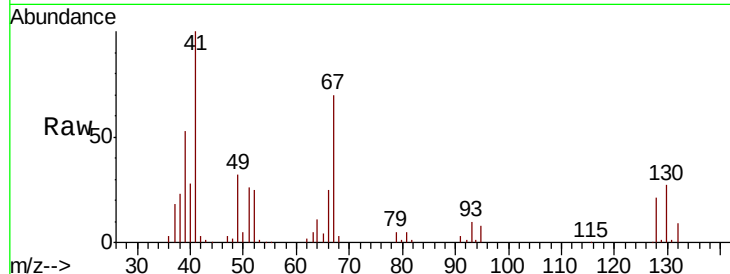




#35
Methacrylonitrile
Concen: 55.185 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX013088.D
Acq: 16 Oct 2019 11:20

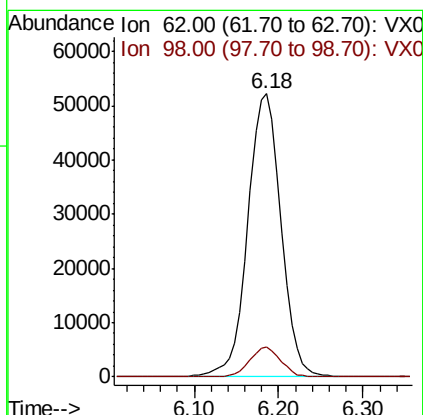
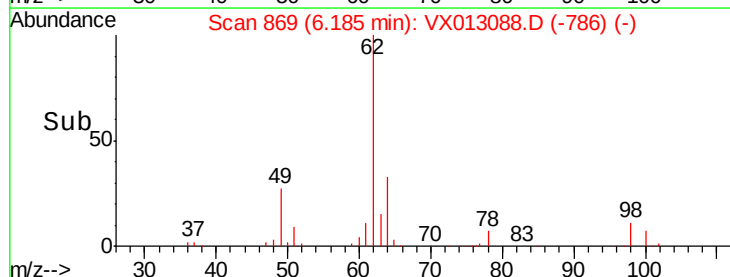
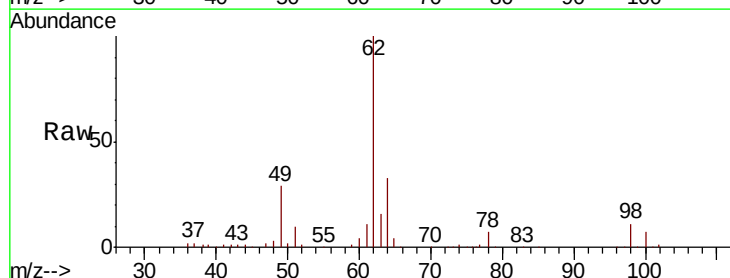
Instrument :
MSVOA_X
ClientSampleId :

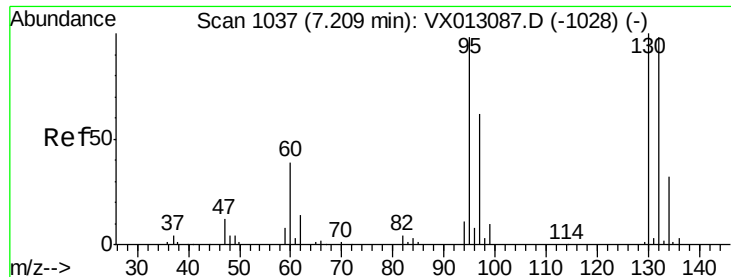
Tot Ion: 41 Resp: 76996
Ion Ratio Lower Upper
41 100
39 52.8 26.3 78.8
67 70.2 36.5 109.5
52 25.3 15.3 45.8



#36
1,2-Dichloroethane
Concen: 52.726 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.01 min
Lab File: VX013088.D
Acq: 16 Oct 2019 11:20

Tgt Ion: 62 Resp: 139790
Ion Ratio Lower Upper
62 100
98 9.8 7.8 11.6

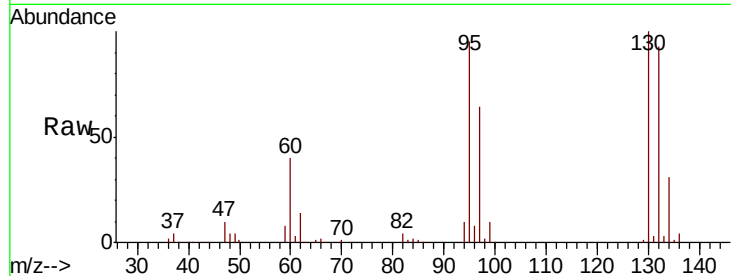




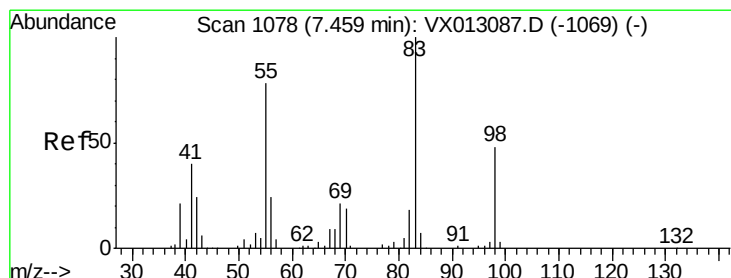
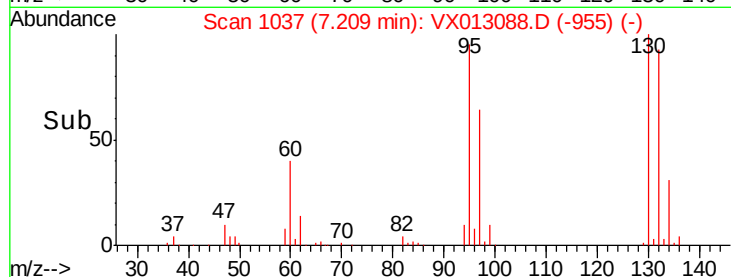
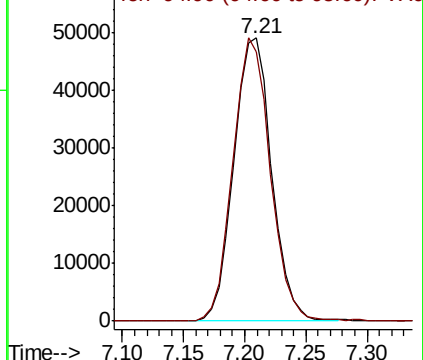
#37
 Trichloroethene
 Concen: 49.715 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: VX013088.D
 Acq: 16 Oct 2019 11:20

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:130 Resp: 105140
 Ion Ratio Lower Upper
 130 100
 95 95.3 78.4 117.6

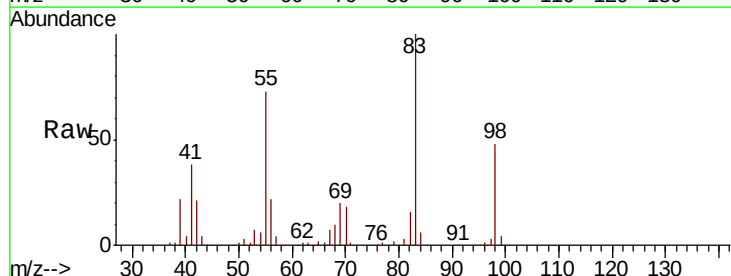


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

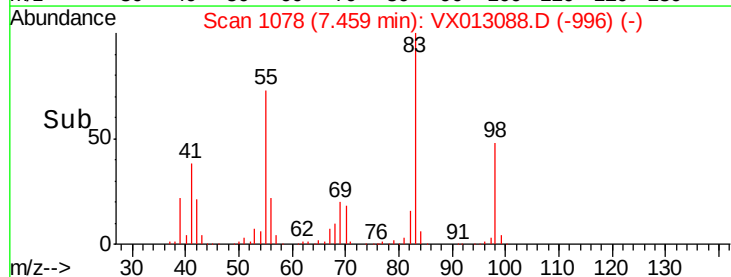
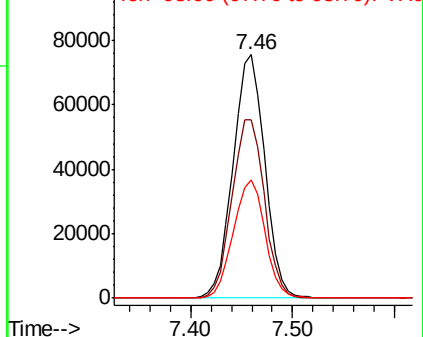


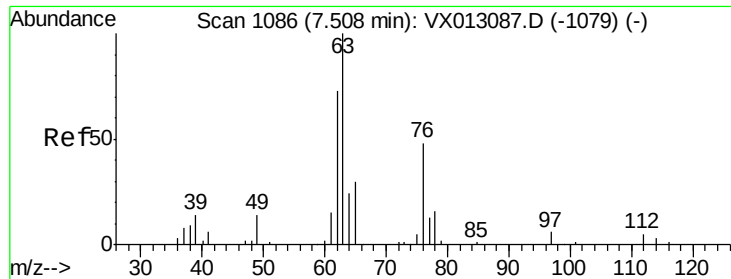
#38
 Methylcyclohexane
 Concen: 53.174 ug/l
 RT: 7.46 min Scan# 1078
 Delta R.T. -0.00 min
 Lab File: VX013088.D
 Acq: 16 Oct 2019 11:20

Tgt Ion: 83 Resp: 162812
 Ion Ratio Lower Upper
 83 100
 55 75.1 38.3 114.8
 98 48.6 24.9 74.7



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





#39

1,2-Dichloropropane

Concen: 53.265 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX013088.D

Acq: 16 Oct 2019 11:20

Instrument :

MSVOA_X

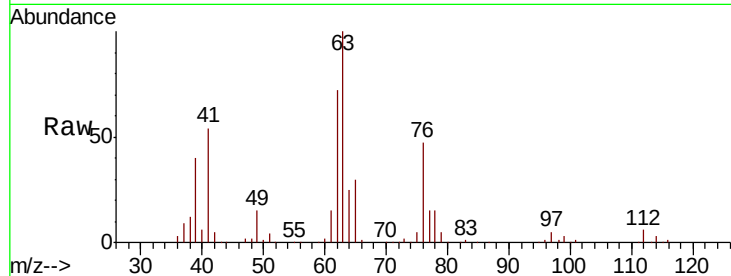
ClientSampled :

Tot Ion: 63 Resp: 98424

Ion Ratio Lower Upper

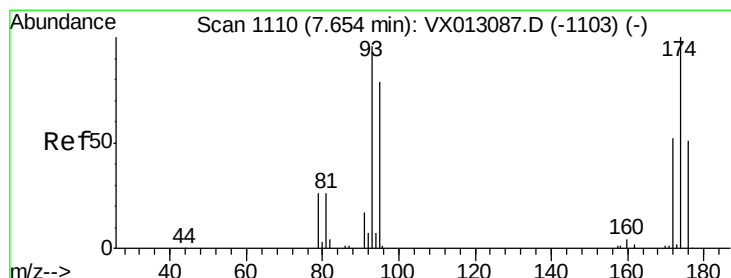
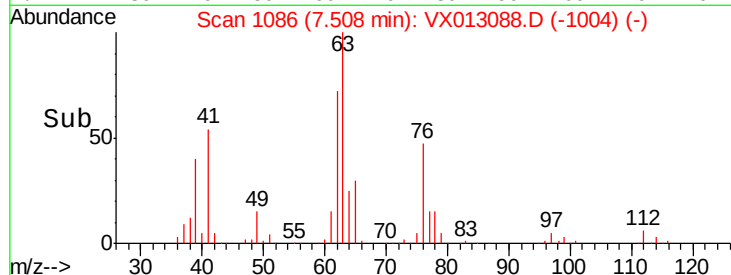
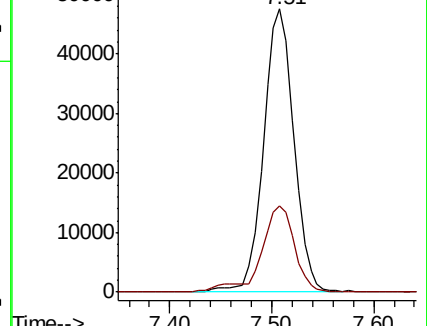
63 100

65 30.3 25.6 38.4



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0



#40

Dibromomethane

Concen: 50.768 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX013088.D

Acq: 16 Oct 2019 11:20

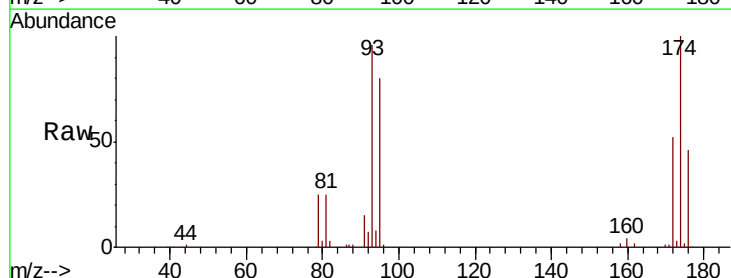
Tgt Ion: 93 Resp: 67457

Ion Ratio Lower Upper

93 100

95 84.0 0.0 171.2

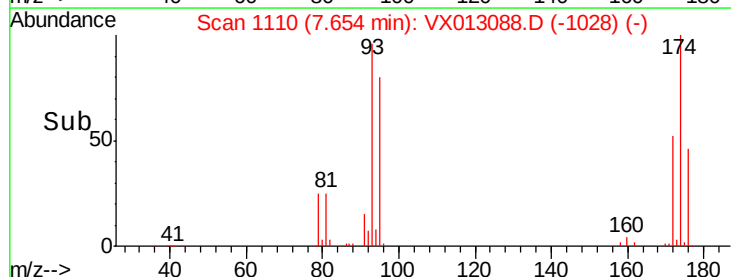
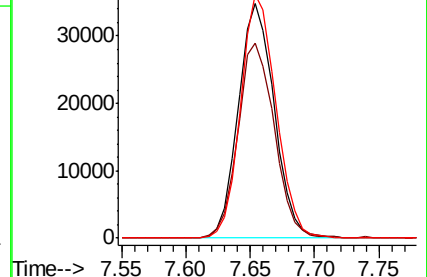
174 101.9 0.0 208.2

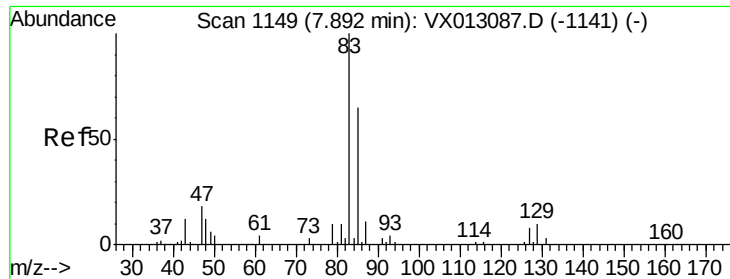


Abundance Ion 93.00 (92.70 to 93.70): VX0

Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V





#41

Bromodichloromethane

Concen: 53.775 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013088.D

Acq: 16 Oct 2019 11:20

Instrument :

MSVOA_X

ClientSampleId :

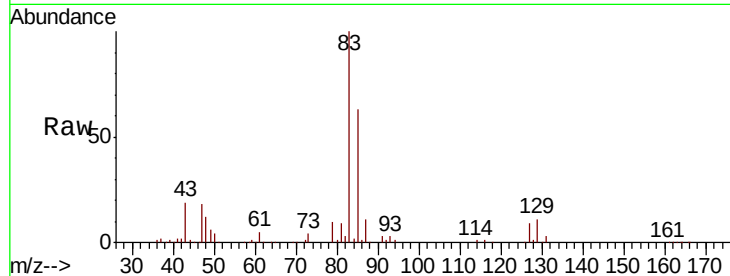
Tot Ion: 83 Resp: 133694

Ion Ratio Lower Upper

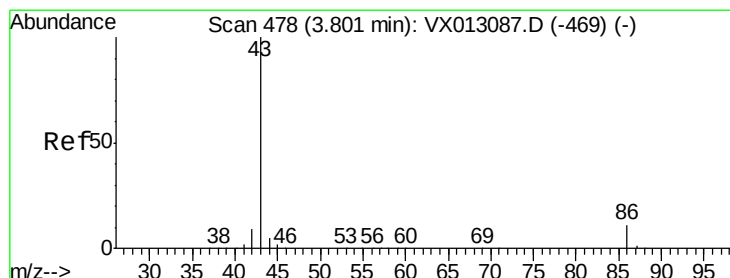
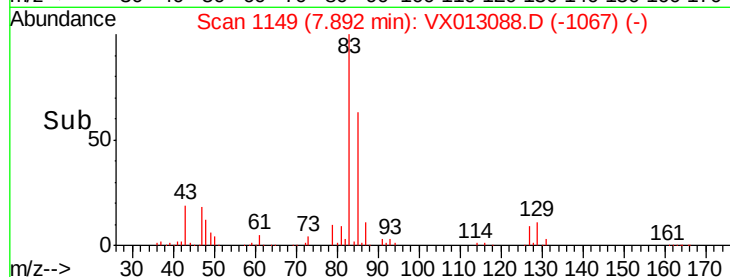
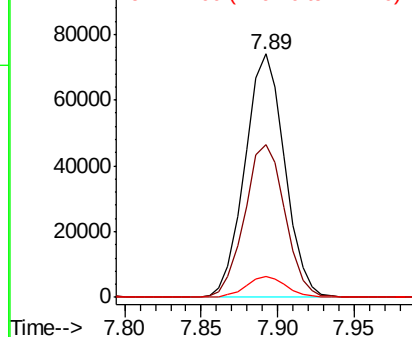
83 100

85 62.9 51.8 77.8

127 8.7 6.7 10.1



Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 85.00 (84.70 to 85.70): VX0
Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 291.138 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013088.D

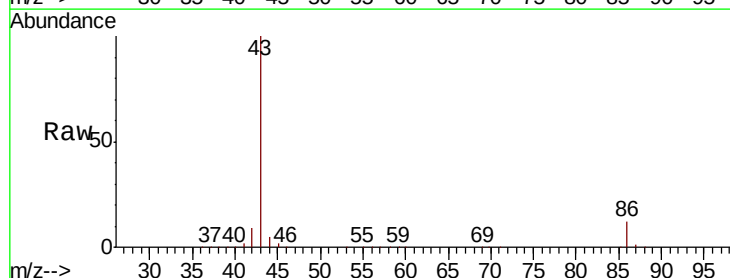
Acq: 16 Oct 2019 11:20

Tgt Ion: 43 Resp: 1300506

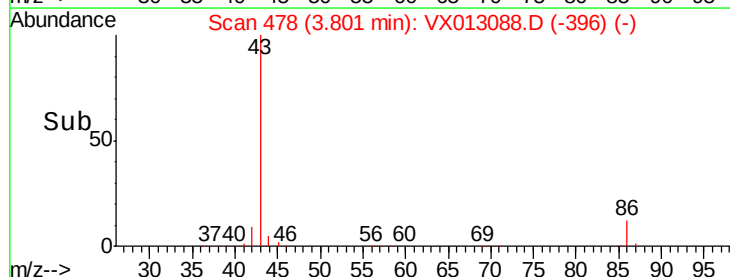
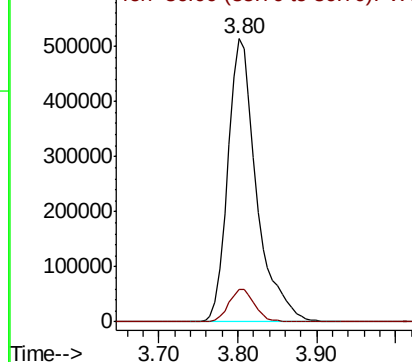
Ion Ratio Lower Upper

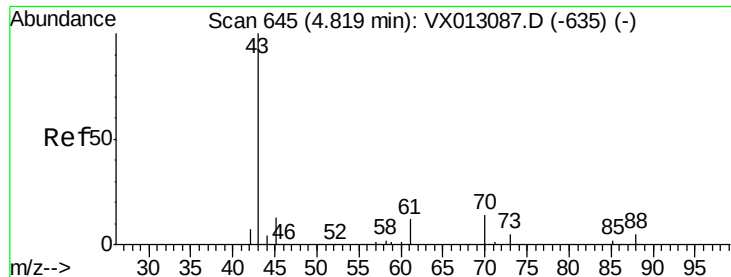
43 100

86 10.3 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0

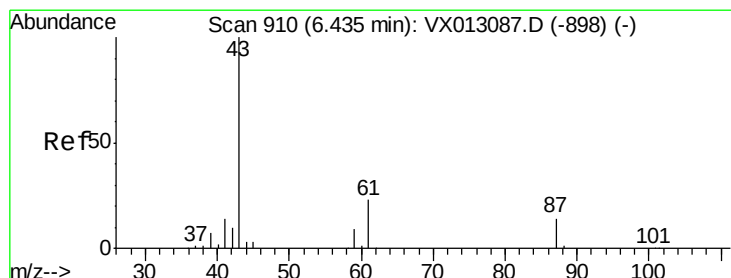
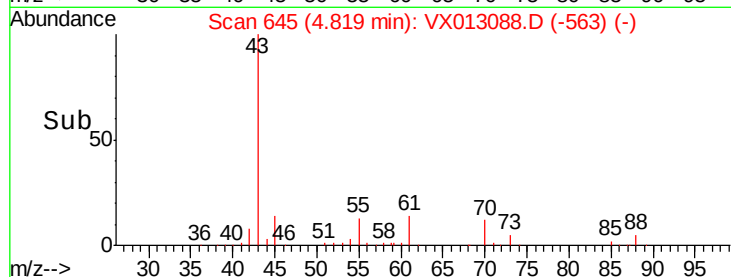
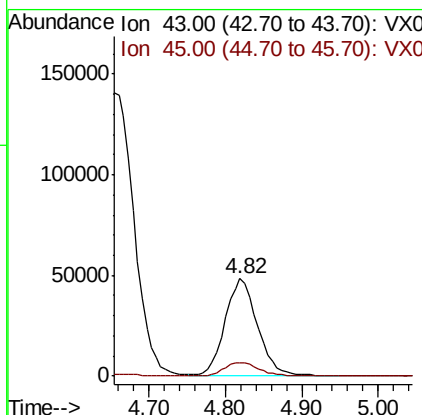
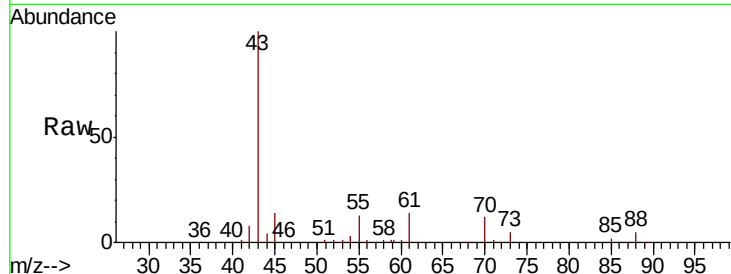




#43
Ethyl Acetate
Concen: 55.701 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013088.D
Acq: 16 Oct 2019 11:20

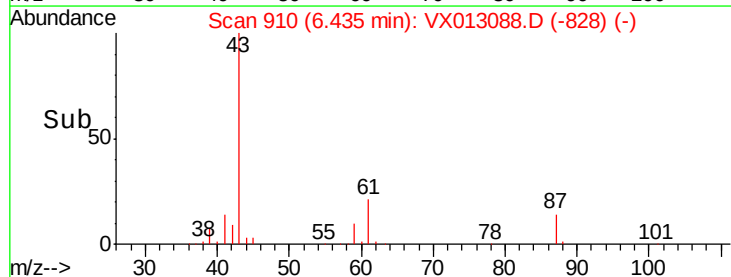
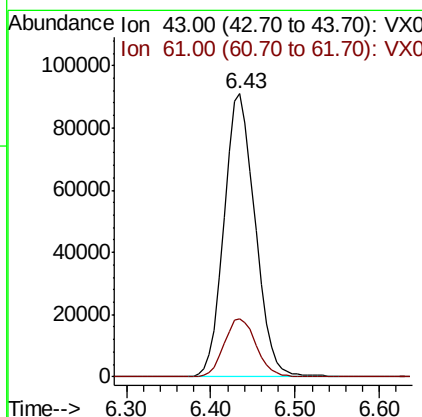
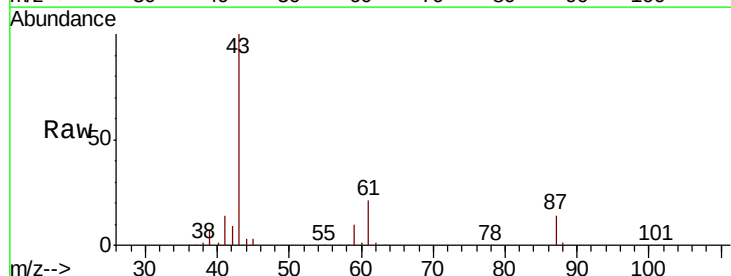
Instrument :
MSVOA_X
ClientSampleId :

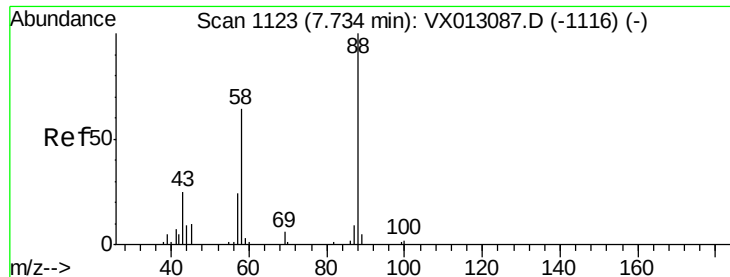
Tot Ion: 43 Resp: 141791
Ion Ratio Lower Upper
43 100
45 15.2 12.8 19.2



#44
Isopropyl Acetate
Concen: 54.503 ug/l
RT: 6.43 min Scan# 910
Delta R.T. -0.00 min
Lab File: VX013088.D
Acq: 16 Oct 2019 11:20

Tgt Ion: 43 Resp: 228108
Ion Ratio Lower Upper
43 100
61 21.2 16.7 25.1





#45

1,4-Dioxane

Concen: 1071.857 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VX013088.D

Acq: 16 Oct 2019 11:20

Instrument :

MSVOA_X

ClientSampleId :

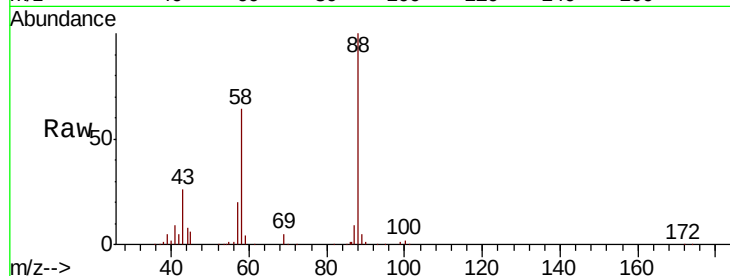
Tot Ion: 88 Resp: 56541

Ion Ratio Lower Upper

88 100

43 29.9 26.0 39.0

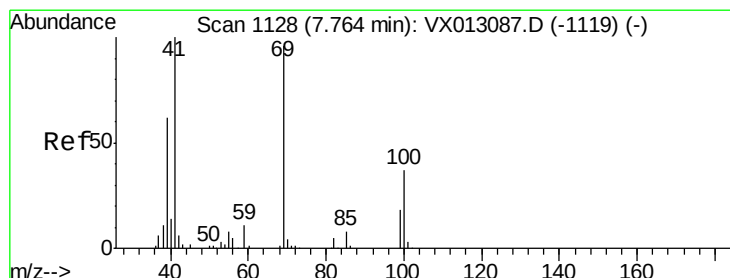
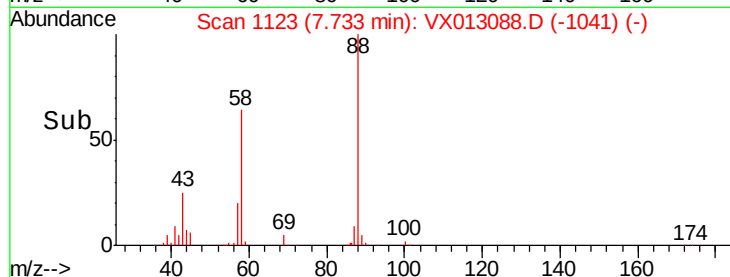
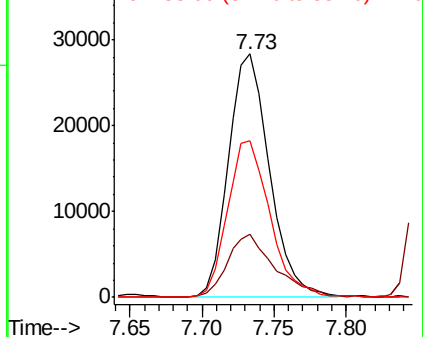
58 66.7 53.0 79.4



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: 55.048 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX013088.D

Acq: 16 Oct 2019 11:20

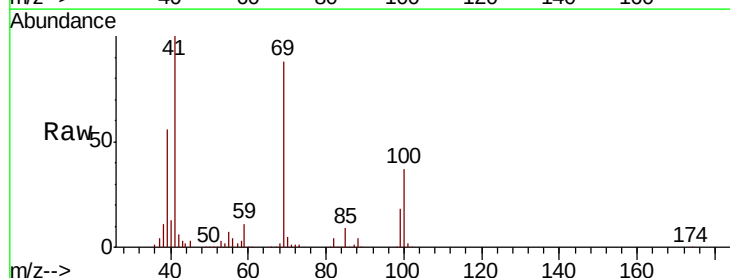
Tgt Ion: 41 Resp: 111160

Ion Ratio Lower Upper

41 100

69 88.2 48.1 144.3

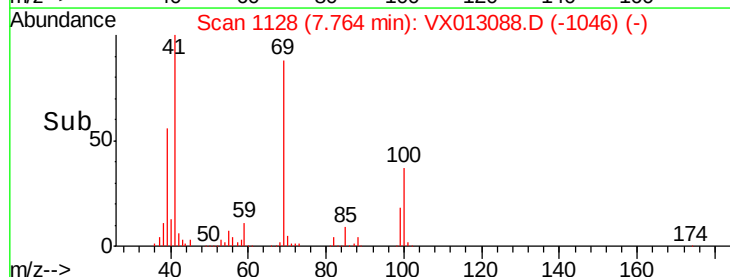
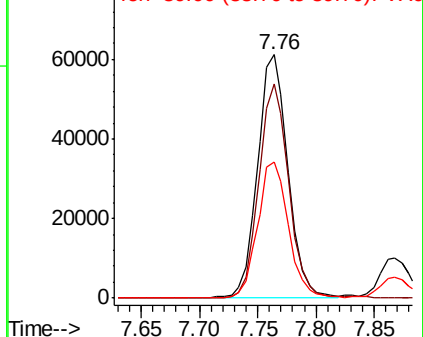
39 55.7 31.2 93.6

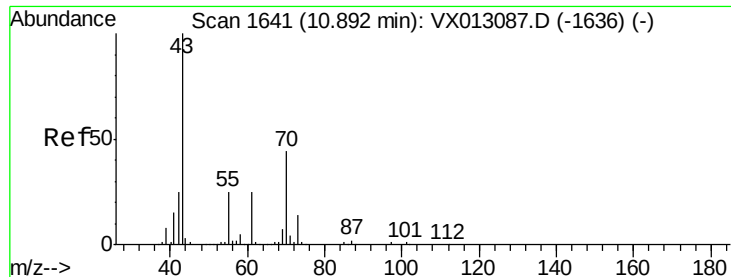


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#47

n-amvl Acetate

Concen: 53.523 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013088.D

Acq: 16 Oct 2019 11:20

Instrument :

MSVOA_X

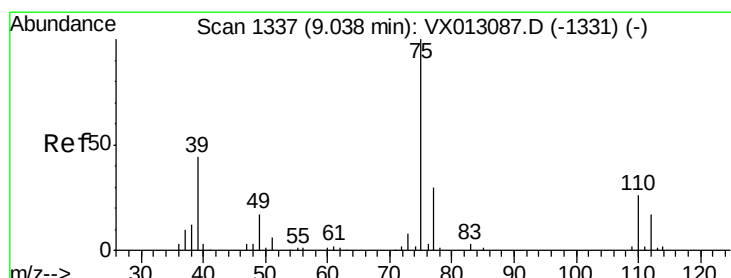
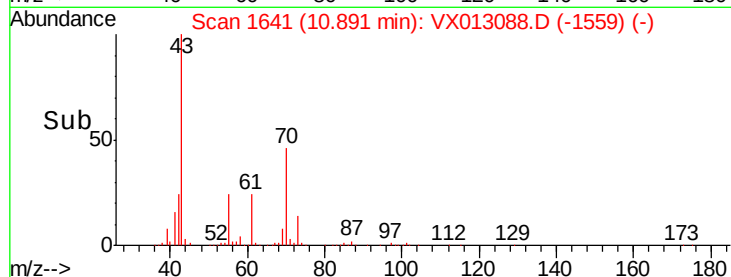
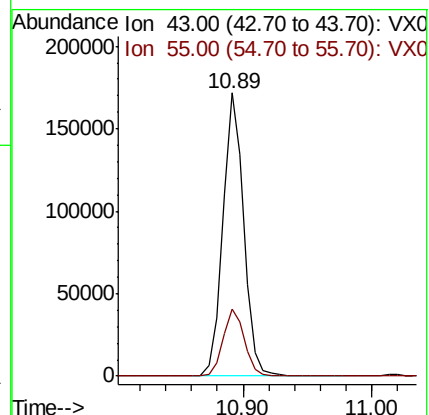
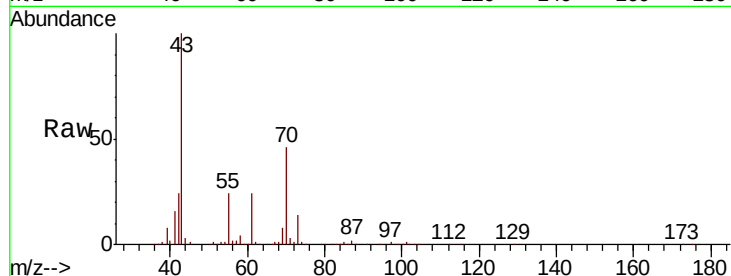
ClientSampleId :

Tot Ion: 43 Resp: 196483

Ion Ratio Lower Upper

43 100

55 24.6 20.6 31.0



#48

t-1,3-Dichloropropene

Concen: 56.647 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX013088.D

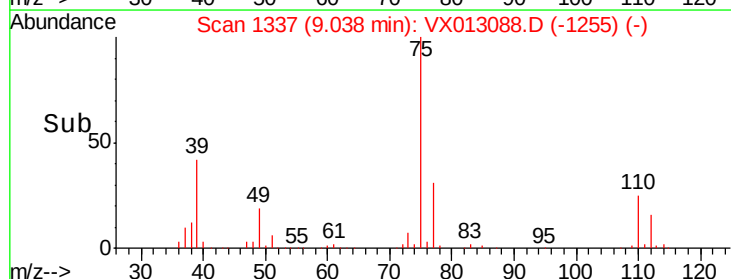
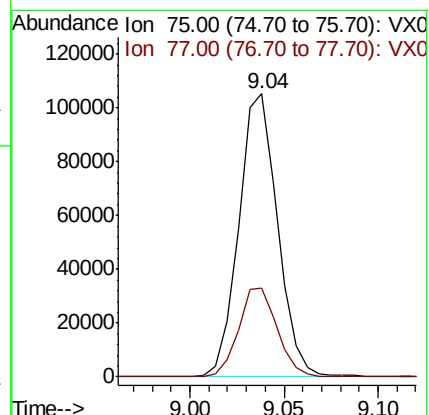
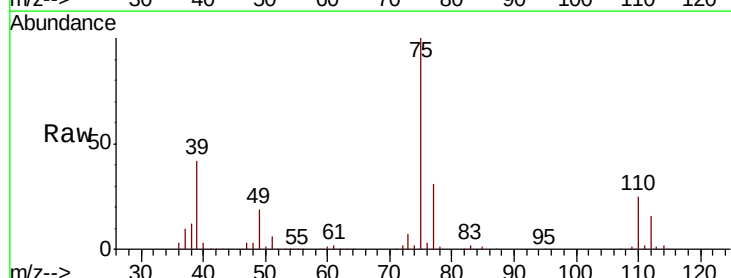
Acq: 16 Oct 2019 11:20

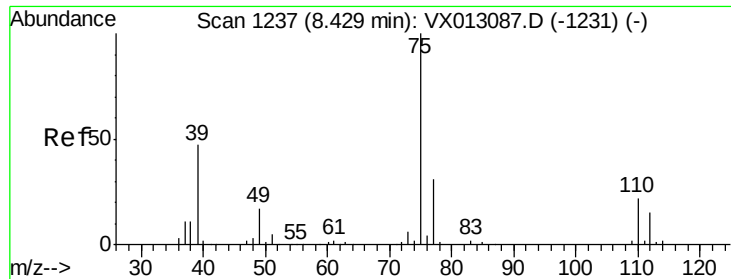
Tgt Ion: 75 Resp: 149331

Ion Ratio Lower Upper

75 100

77 31.5 23.7 35.5

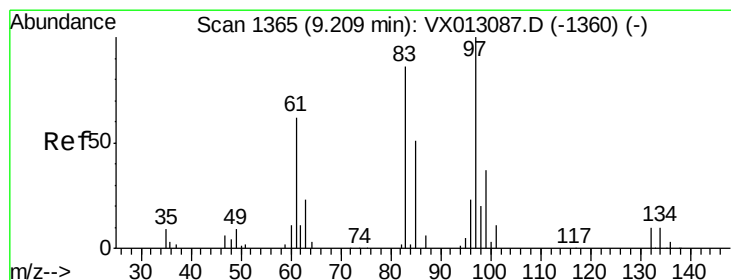
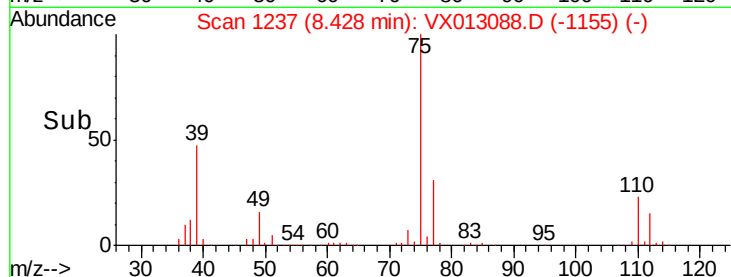
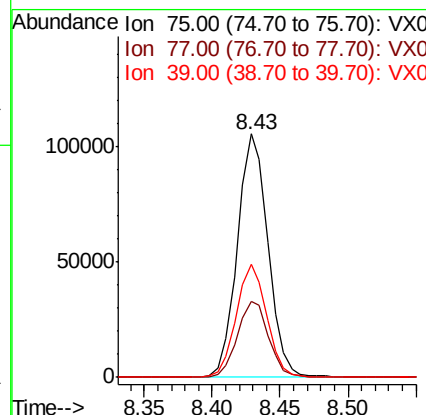
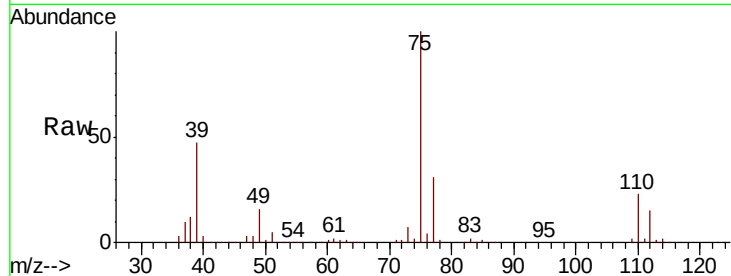




#49
 cis-1,3-Dichloropropene
 Concen: 57.295 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX013088.D
 Acq: 16 Oct 2019 11:20

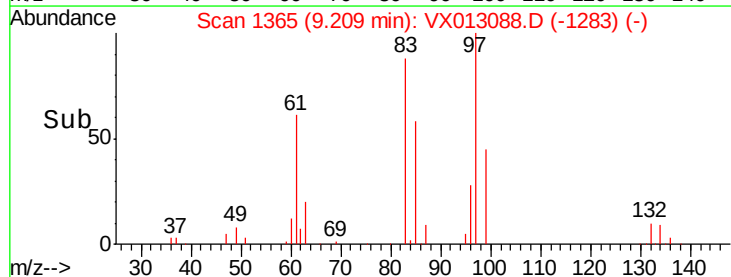
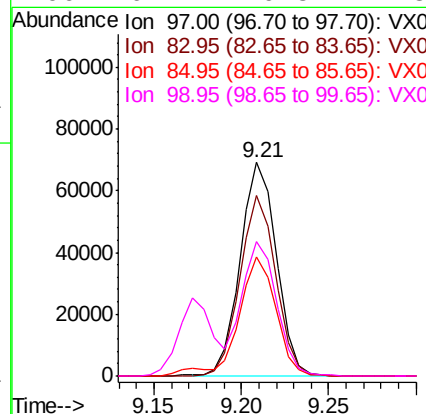
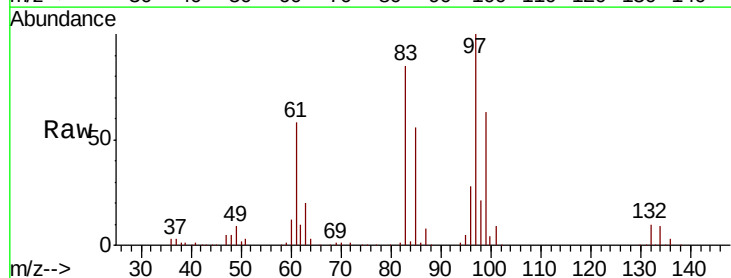
Instrument :
 MSVOA_X
 ClientSampled :

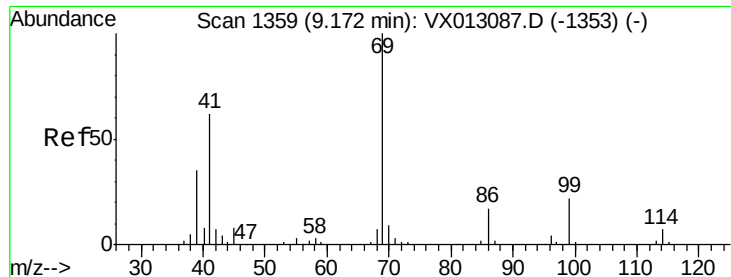
Tot Ion: 75 Resp: 165199
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.7 37.1
 39 46.6 37.4 56.0



#50
 1,1,2-Trichloroethane
 Concen: 51.231 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013088.D
 Acq: 16 Oct 2019 11:20

Tgt Ion: 97 Resp: 100313
 Ion Ratio Lower Upper
 97 100
 83 84.7 68.1 102.1
 85 55.5 42.6 64.0
 99 62.7 49.8 74.8





#51

Ethyl methacrylate

Concen: 52.572 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX013088.D

Acq: 16 Oct 2019 11:20

Instrument :

MSVOA_X

ClientSampled :

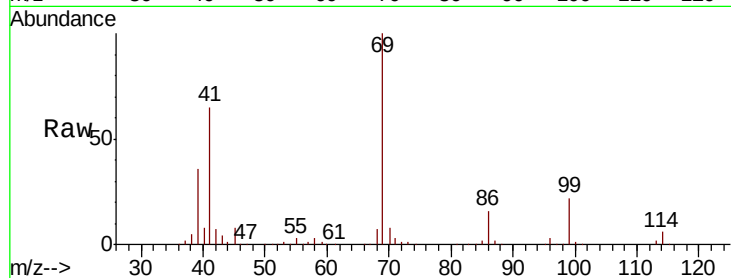
Tot Ion: 69 Resp: 159982

Ion Ratio Lower Upper

69 100

41 64.9 31.1 93.3

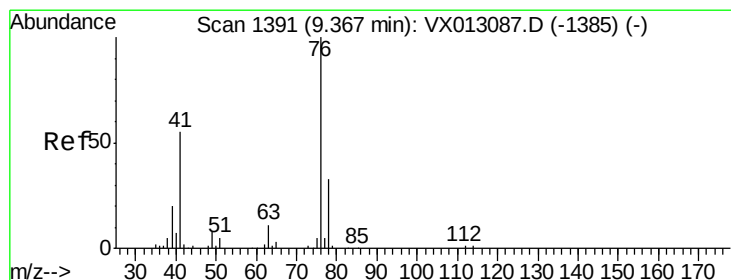
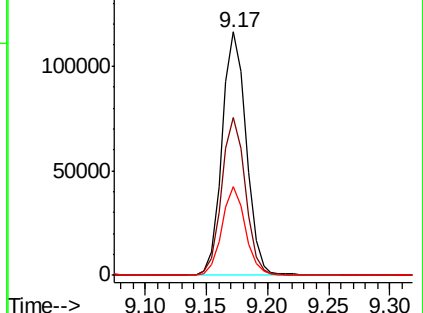
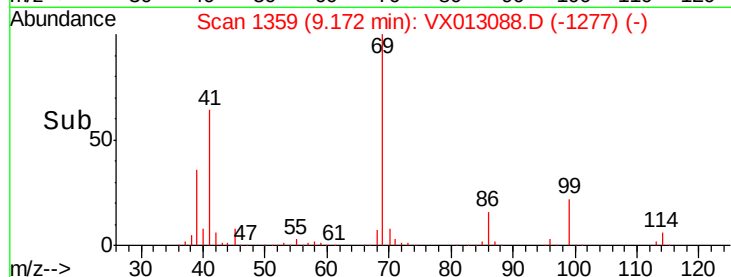
39 36.3 17.6 52.9



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: 53.162 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013088.D

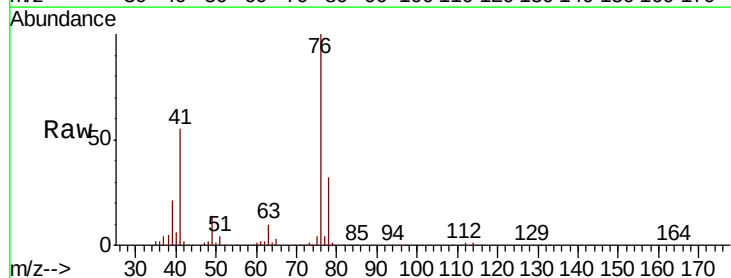
Acq: 16 Oct 2019 11:20

Tgt Ion: 76 Resp: 169340

Ion Ratio Lower Upper

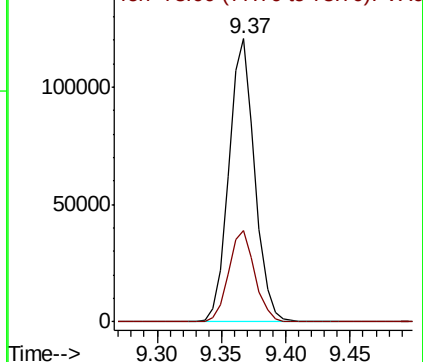
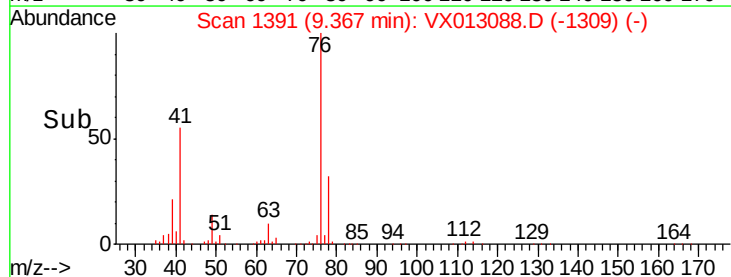
76 100

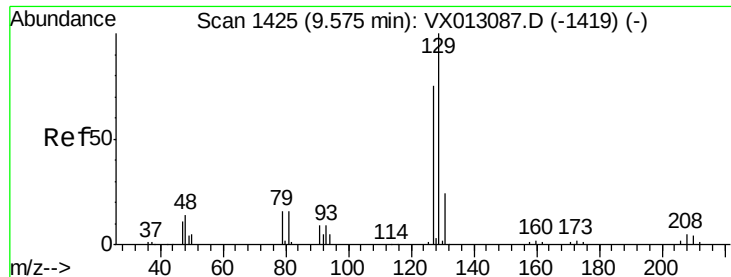
78 32.6 0.0 64.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 49.973 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. 0.01 min

Lab File: VX013088.D

Acq: 16 Oct 2019 11:20

Instrument :

MSVOA_X

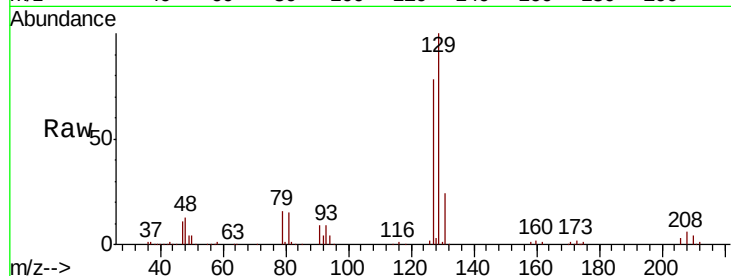
ClientSampleId :

Tot Ion:129 Resp: 105446

Ion Ratio Lower Upper

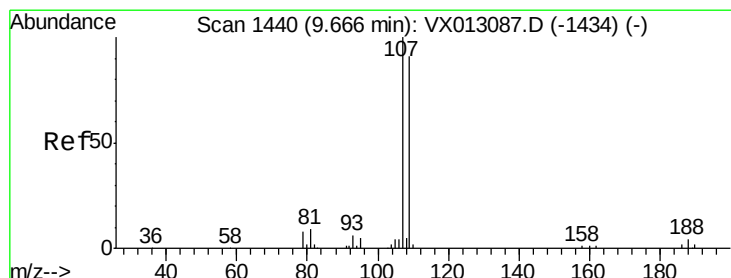
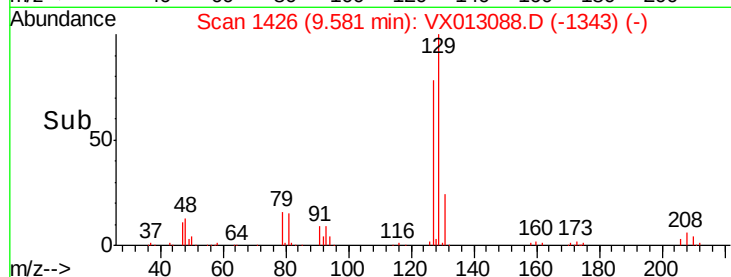
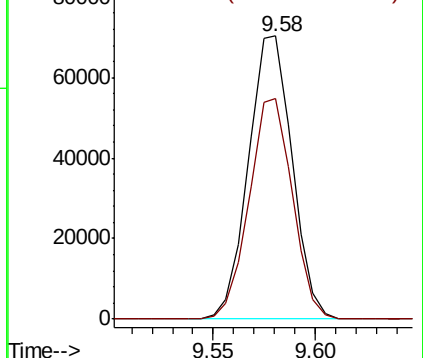
129 100

127 76.9 38.0 113.9



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 49.241 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013088.D

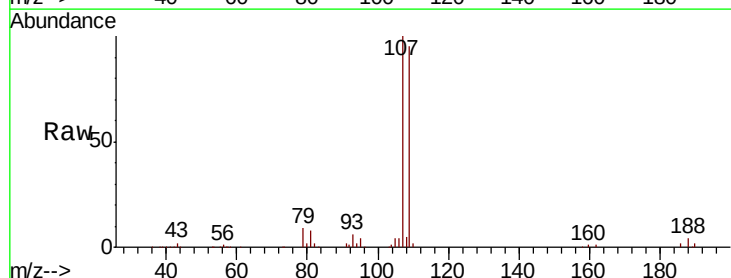
Acq: 16 Oct 2019 11:20

Tgt Ion:107 Resp: 104959

Ion Ratio Lower Upper

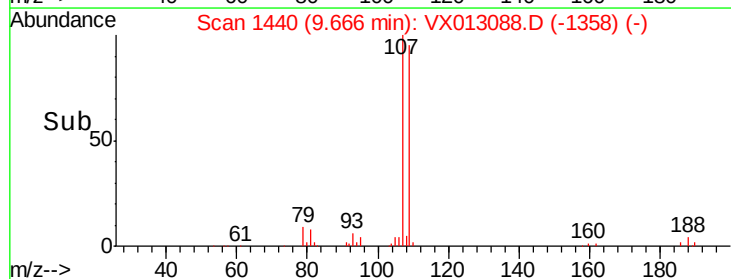
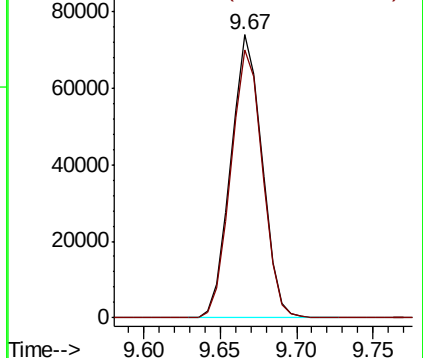
107 100

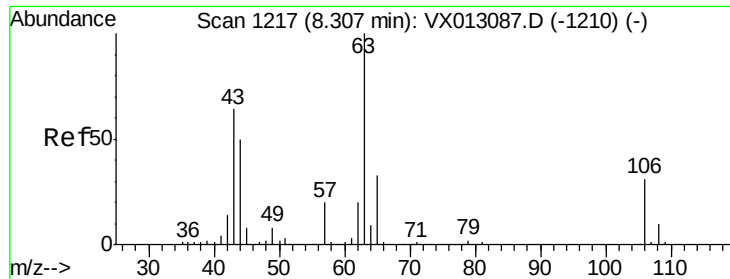
109 95.8 73.6 110.4



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

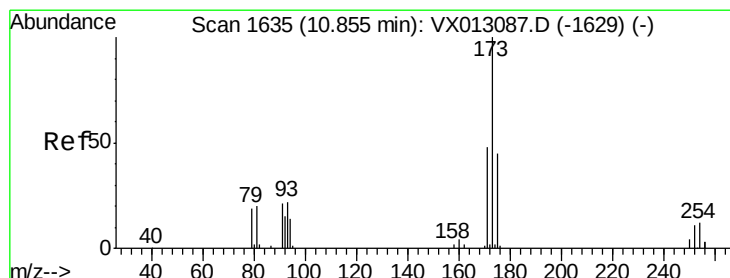
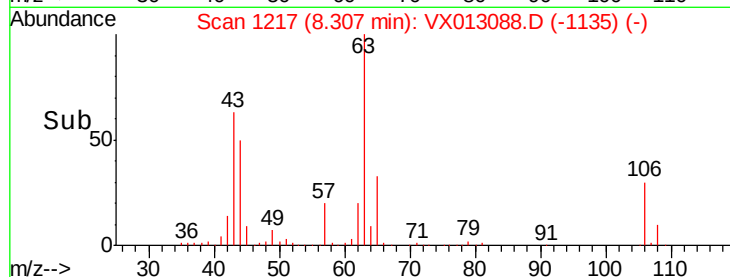
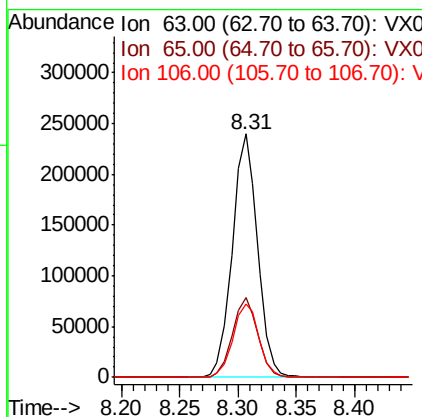
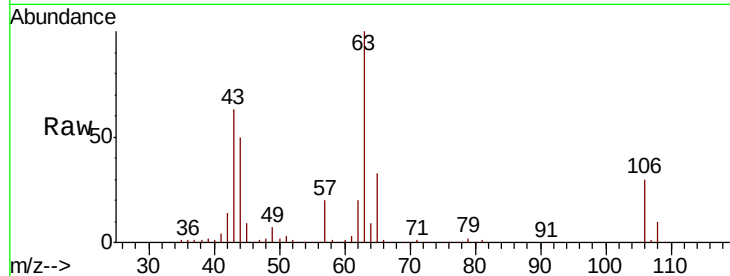




#55
2-Chloroethyl vinyl ether
Concen: 278.921 ug/l
RT: 8.31 min Scan# 1217
Delta R.T. -0.00 min
Lab File: VX013088.D
Acq: 16 Oct 2019 11:20

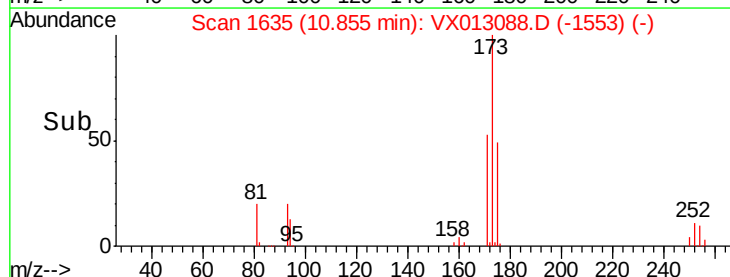
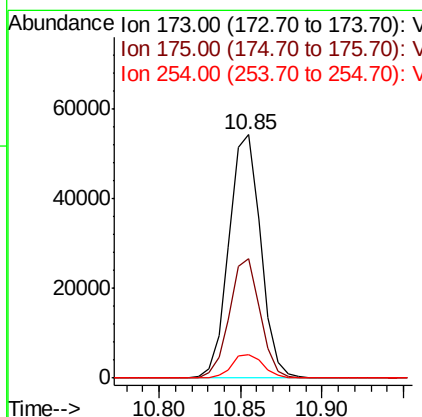
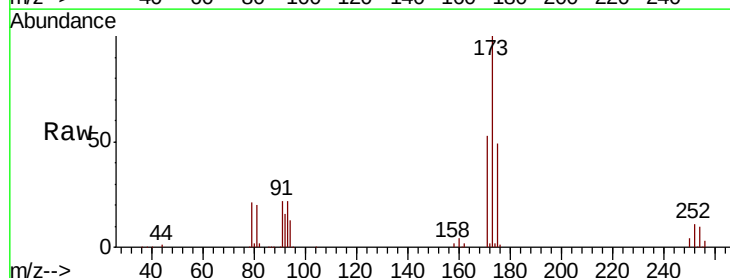
Instrument :
MSVOA_X
ClientSampled :

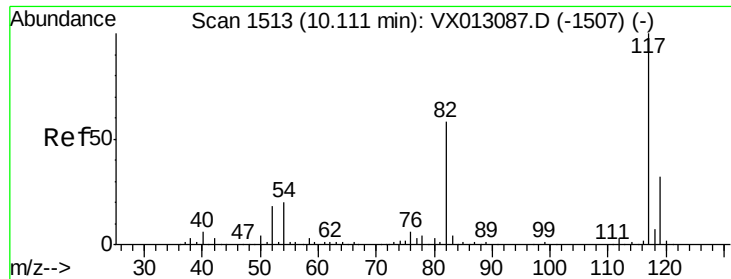
Tot Ion: 63 Resp: 363415
Ion Ratio Lower Upper
63 100
65 32.6 25.9 38.9
106 31.0 24.3 36.5



#56
Bromoform
Concen: 47.122 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX013088.D
Acq: 16 Oct 2019 11:20

Tgt Ion: 173 Resp: 73372
Ion Ratio Lower Upper
173 100
175 47.6 37.8 56.8
254 9.8 7.9 11.9

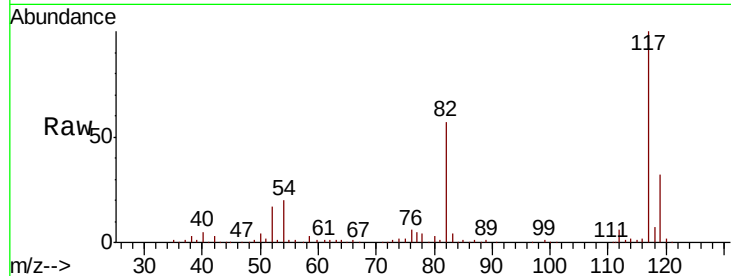




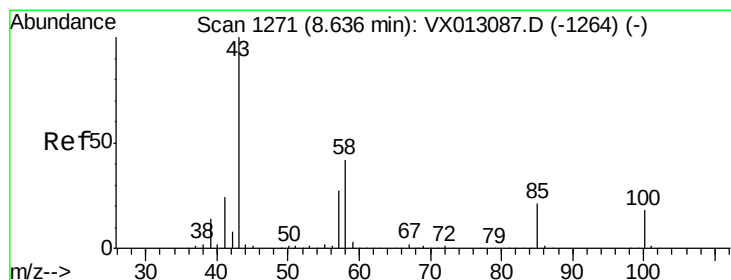
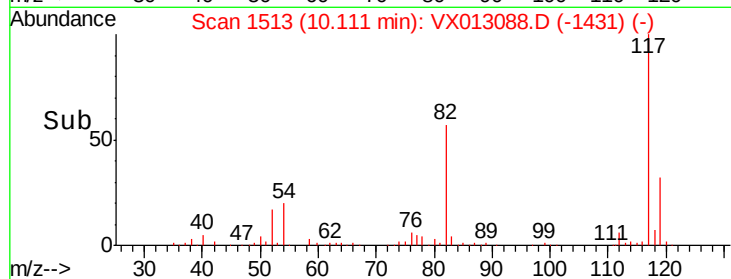
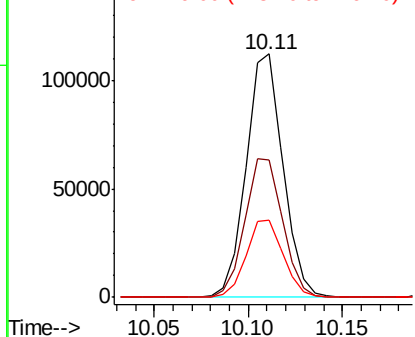
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013088.D
Acq: 16 Oct 2019 11:20

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 151950
Ion Ratio Lower Upper
117 100
82 58.5 46.7 70.1
119 32.1 25.8 38.6

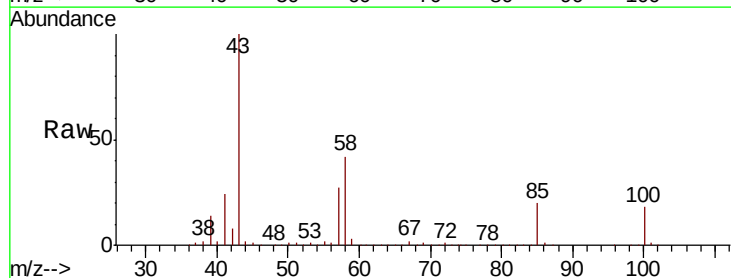


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 119.00 (118.70 to 119.70): V

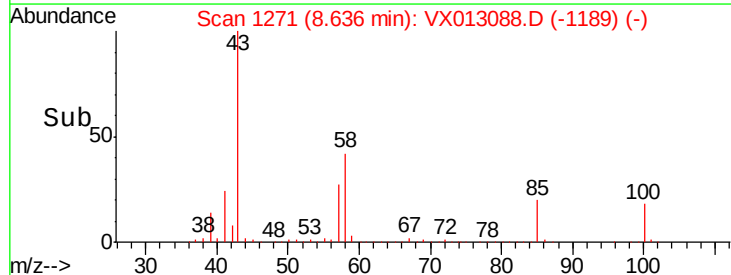
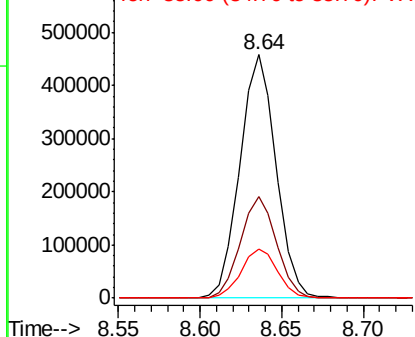


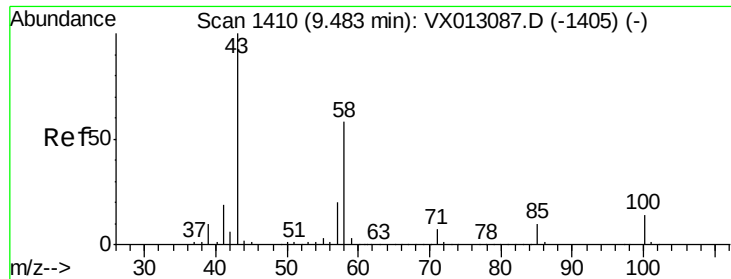
#58
4-Methyl-2-Pentanone
Concen: 271.718 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX013088.D
Acq: 16 Oct 2019 11:20

Tgt Ion: 43 Resp: 708337
Ion Ratio Lower Upper
43 100
58 41.4 33.0 49.4
85 20.3 16.0 24.0



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0
Ion 85.00 (84.70 to 85.70): VX0

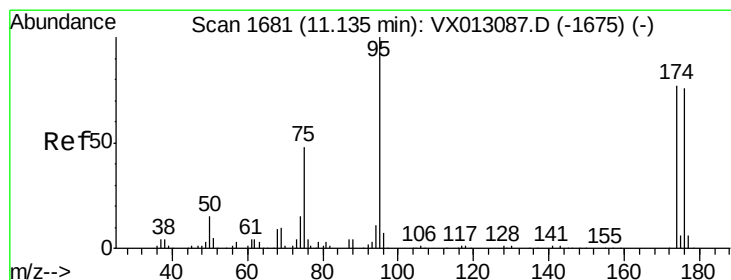
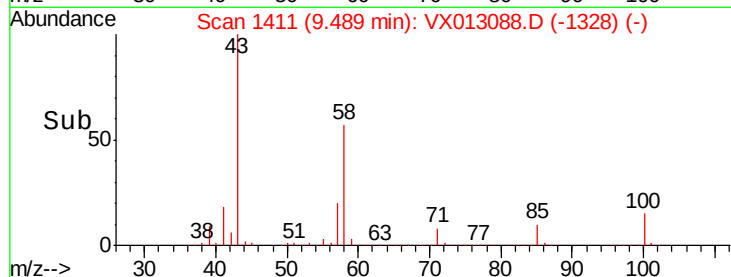
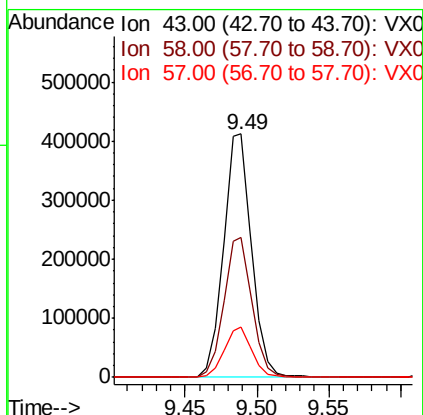
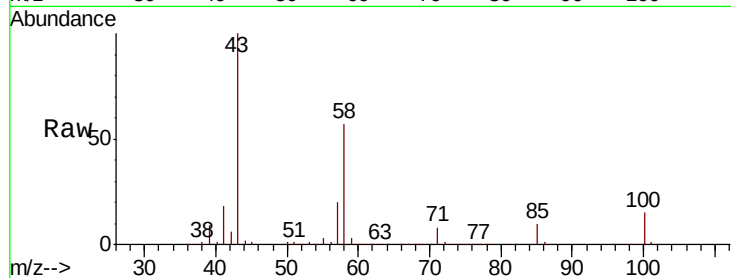




#59
2-Hexanone
Concen: 281.135 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX013088.D
Acq: 16 Oct 2019 11:20

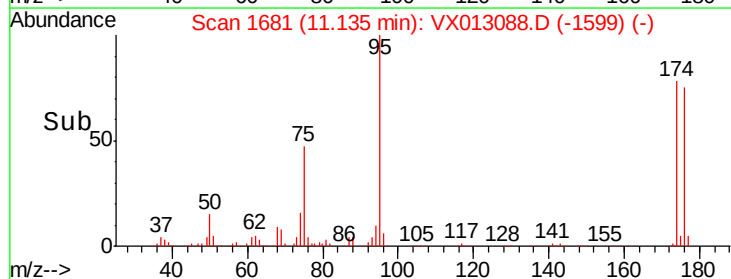
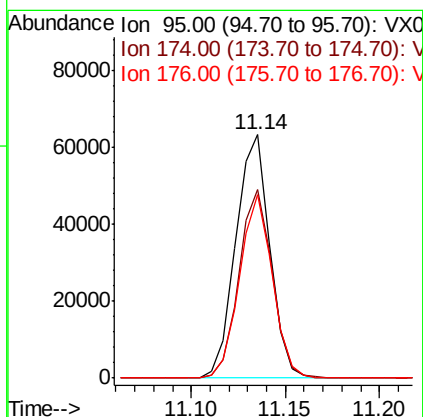
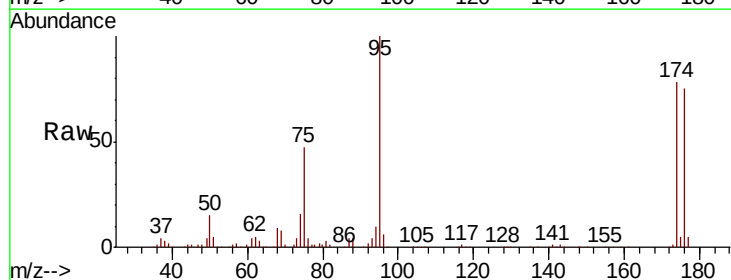
Instrument :
MSVOA_X
ClientSampled :

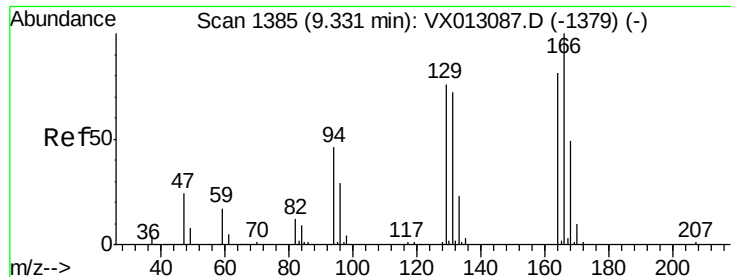
Tot Ion: 43 Resp: 564058
Ion Ratio Lower Upper
43 100
58 57.3 45.4 68.2
57 20.4 16.2 24.2



#60
4-Bromofluorobenzene
Concen: 31.026 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX013088.D
Acq: 16 Oct 2019 11:20

Tgt Ion: 95 Resp: 79042
Ion Ratio Lower Upper
95 100
174 75.9 58.8 88.2
176 73.1 56.6 84.8





#61

Tetrachloroethene

Concen: 50.263 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX013088.D

Acq: 16 Oct 2019 11:20

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:164 Resp: 100747

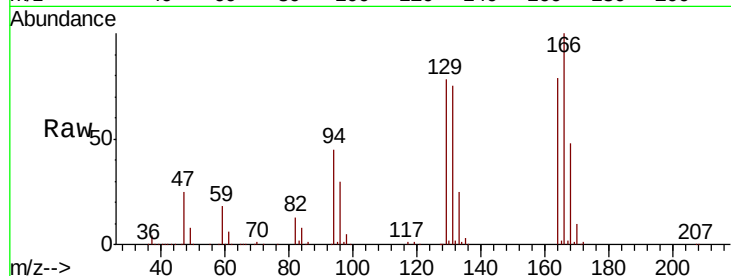
Ion Ratio Lower Upper

164 100

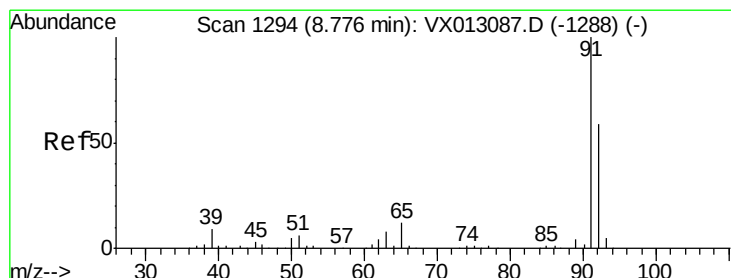
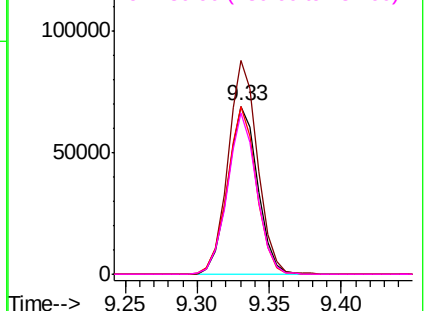
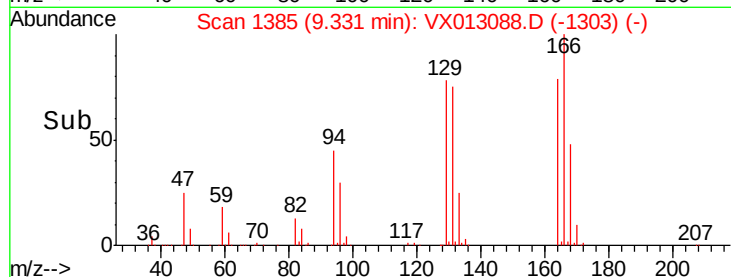
166 127.3 98.4 147.6

129 99.5 75.2 112.8

131 95.9 70.4 105.6



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: 51.676 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VX013088.D

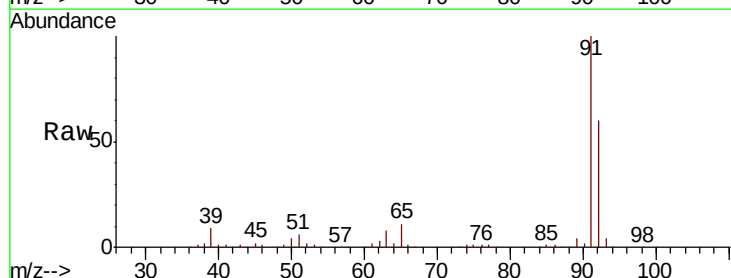
Acq: 16 Oct 2019 11:20

Tgt Ion: 91 Resp: 418815

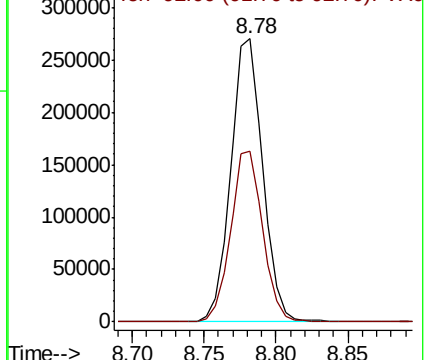
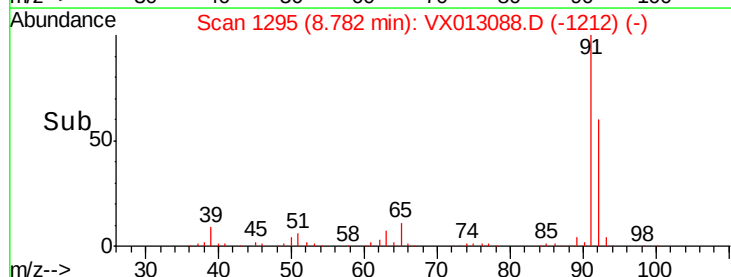
Ion Ratio Lower Upper

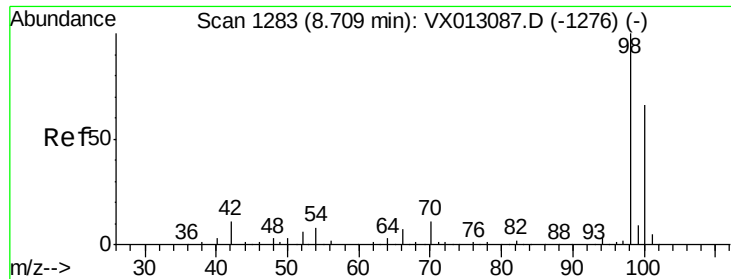
91 100

92 60.5 47.6 71.4



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0

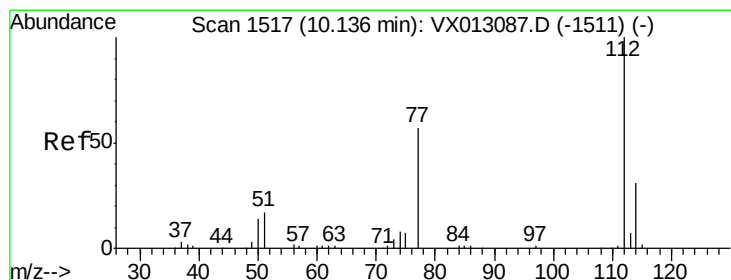
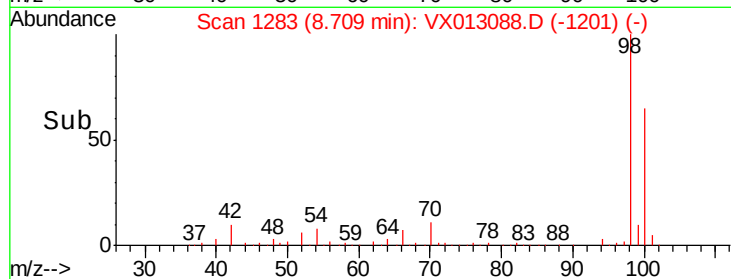
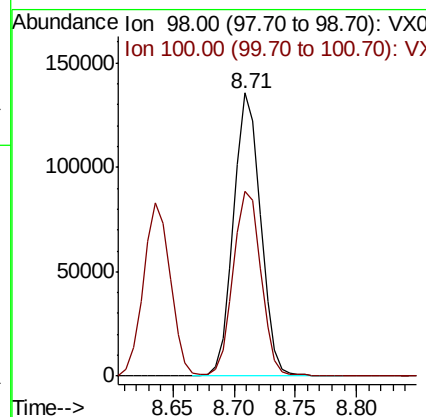
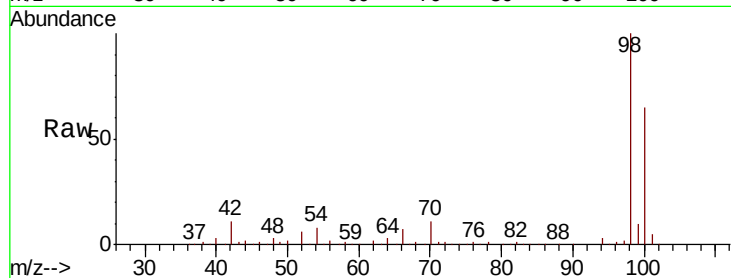




#63
Toluene-d8
Concen: 30.865 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013088.D
Acq: 16 Oct 2019 11:20

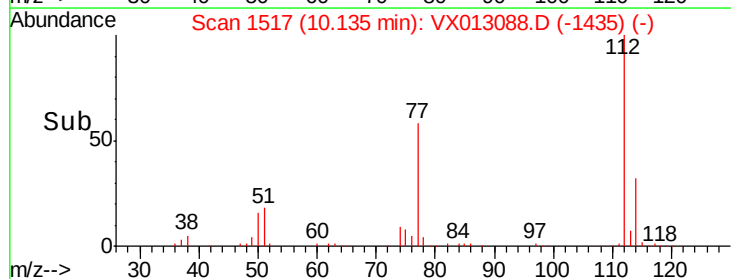
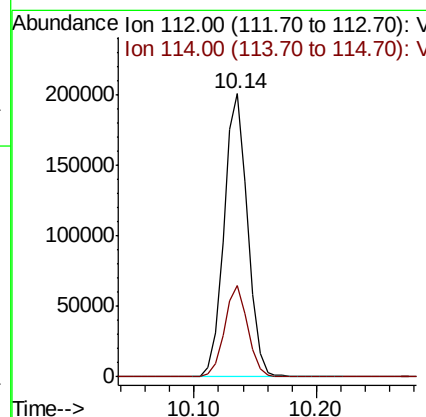
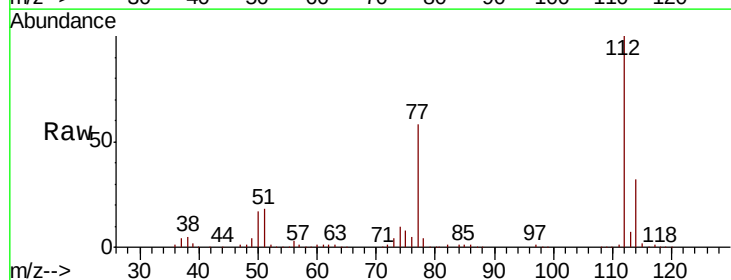
Instrument :
MSVOA_X
ClientSampleId :

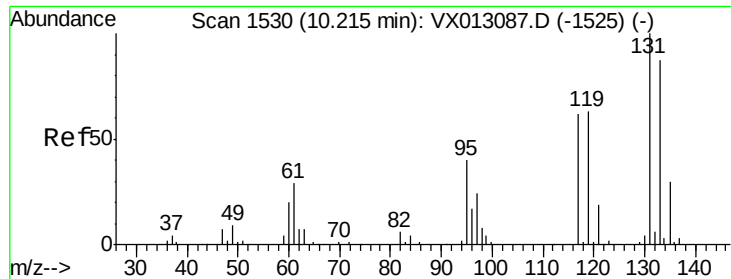
Tot Ion: 98 Resp: 208023
Ion Ratio Lower Upper
98 100
100 66.5 53.8 80.6



#64
Chlorobenzene
Concen: 51.528 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013088.D
Acq: 16 Oct 2019 11:20

Tgt Ion: 112 Resp: 267293
Ion Ratio Lower Upper
112 100
114 32.4 25.2 37.8

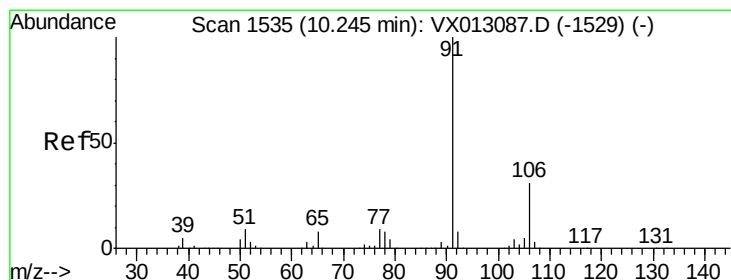
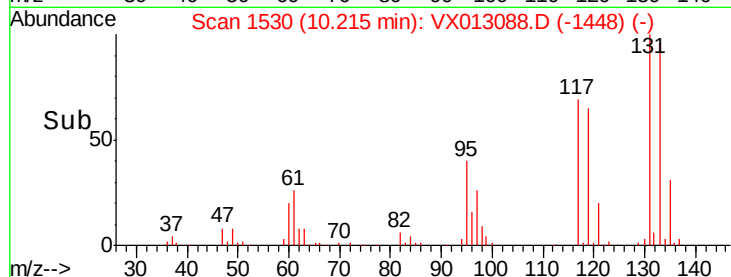
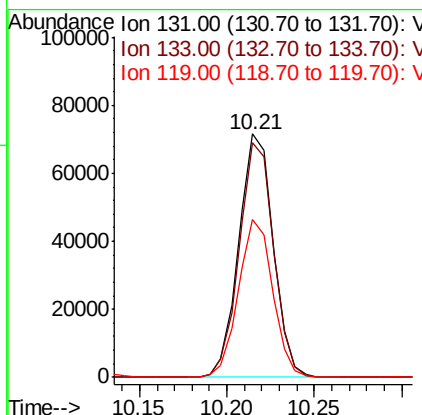
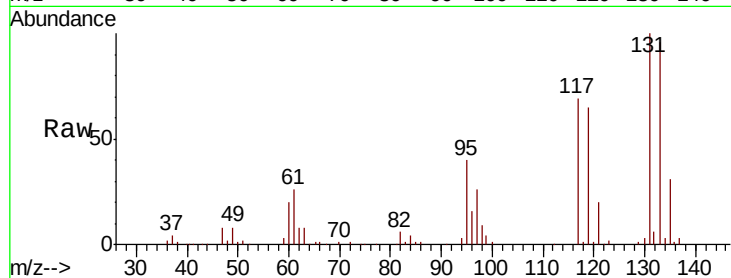




#65
 1,1,1,2-Tetrachloroethane
 Concen: 52.038 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VX013088.D
 Acq: 16 Oct 2019 11:20

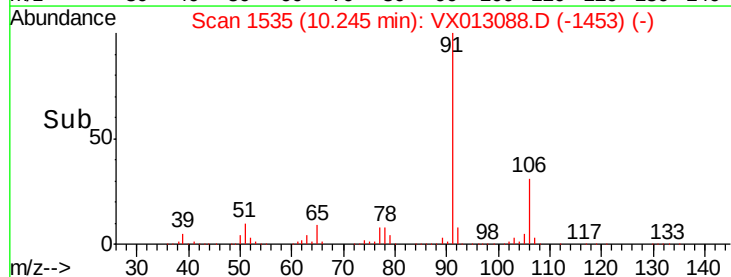
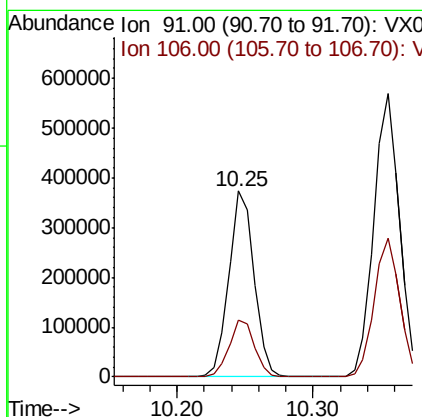
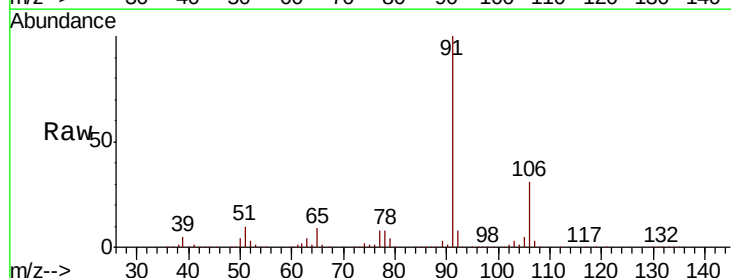
Instrument :
 MSVOA_X
 ClientSampleId :

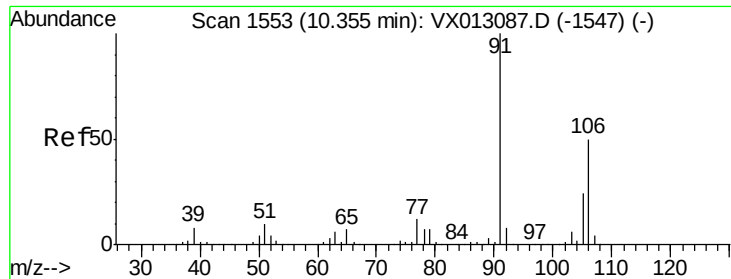
Tot Ion:131 Resp: 98719
 Ion Ratio Lower Upper
 131 100
 133 95.6 0.0 187.8
 119 64.3 0.0 128.4



#66
 Ethyl Benzene
 Concen: 52.939 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VX013088.D
 Acq: 16 Oct 2019 11:20

Tgt Ion: 91 Resp: 482828
 Ion Ratio Lower Upper
 91 100
 106 30.9 25.0 37.4

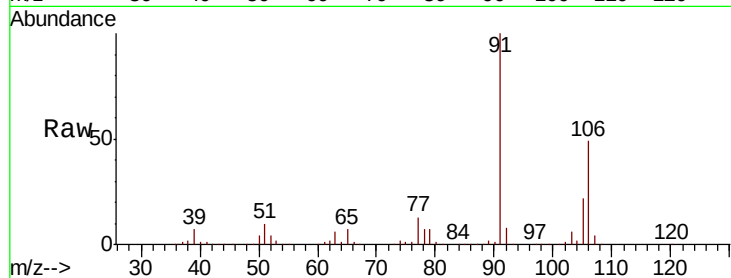




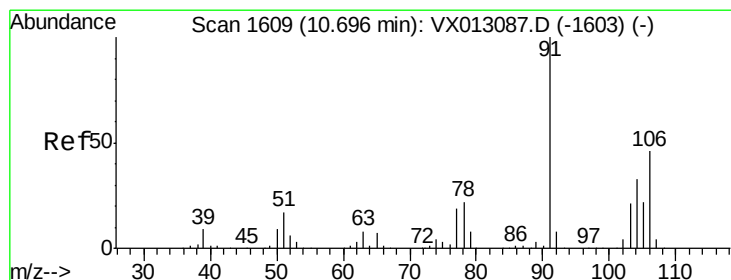
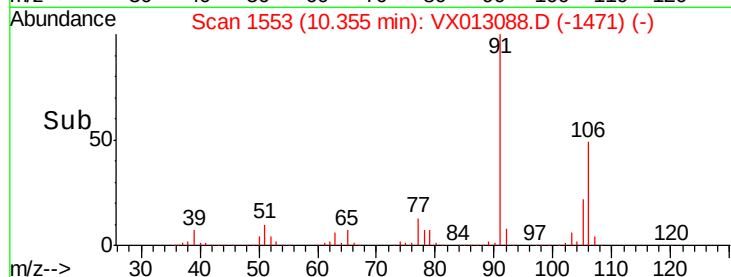
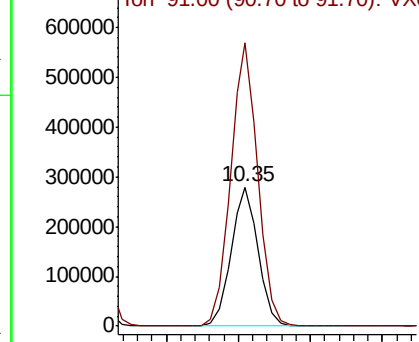
#67
m/p-Xylenes
Concen: 104.805 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013088.D
Acq: 16 Oct 2019 11:20

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 364057
Ion Ratio Lower Upper
106 100
91 204.6 162.6 243.8

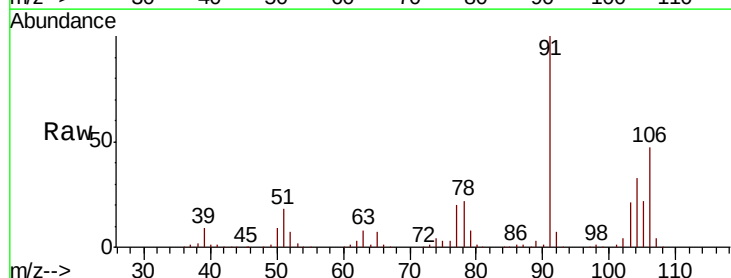


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

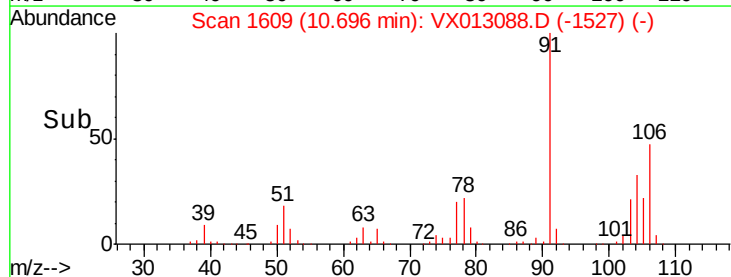
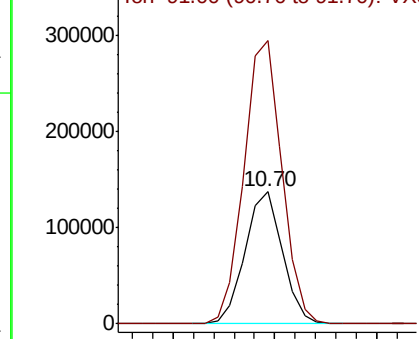


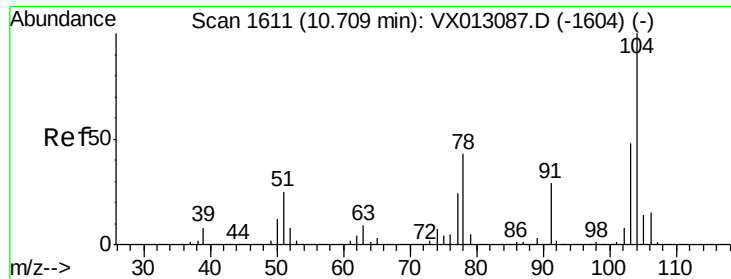
#68
o-Xylene
Concen: 51.365 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013088.D
Acq: 16 Oct 2019 11:20

Tgt Ion:106 Resp: 175073
Ion Ratio Lower Upper
106 100
91 216.8 109.1 327.3



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

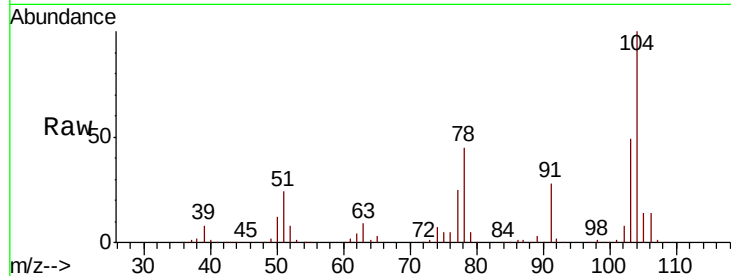




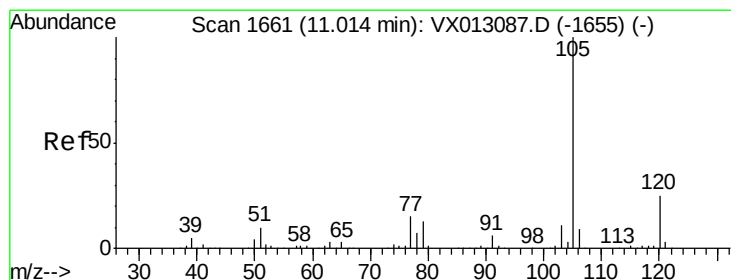
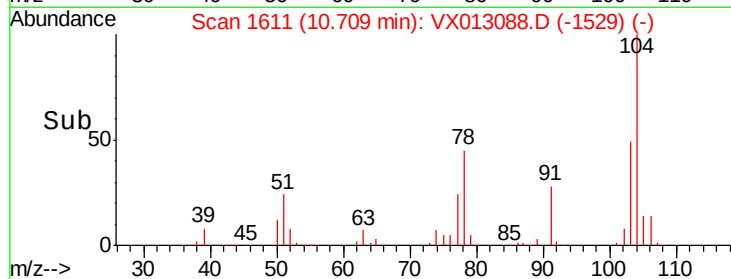
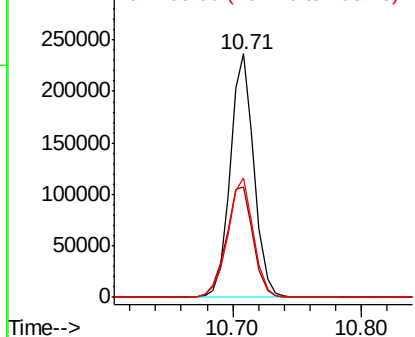
#69
Stvrene
Concen: 52.731 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013088.D
Acq: 16 Oct 2019 11:20

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:104 Resp: 303258
Ion Ratio Lower Upper
104 100
78 52.1 41.0 61.4
103 53.1 42.8 64.2

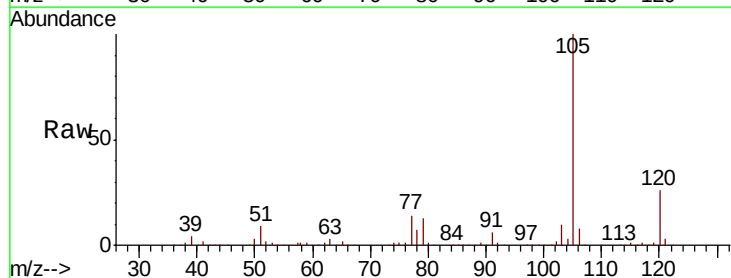


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

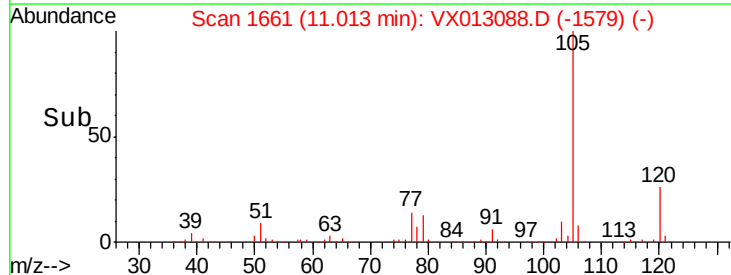
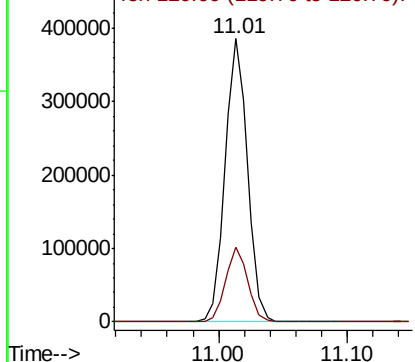


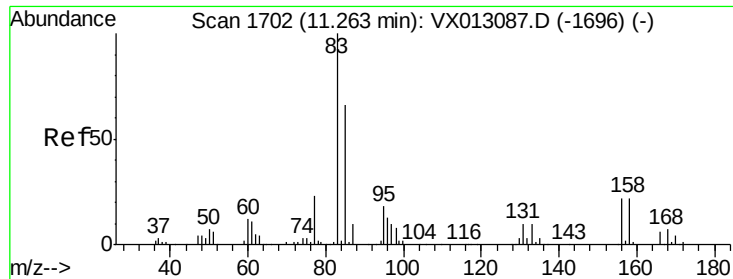
#70
Isopropylbenzene
Concen: 52.044 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX013088.D
Acq: 16 Oct 2019 11:20

Tgt Ion:105 Resp: 472570
Ion Ratio Lower Upper
105 100
120 26.0 17.9 33.3



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

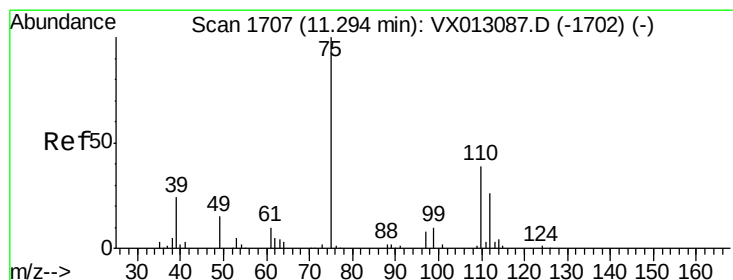
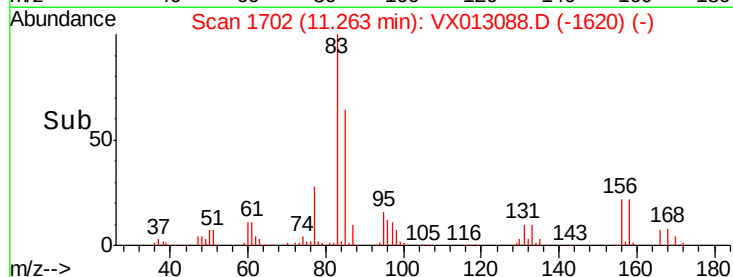
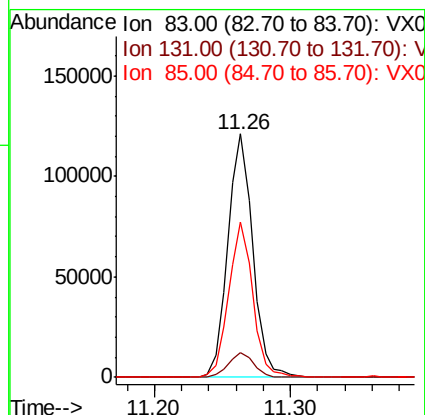
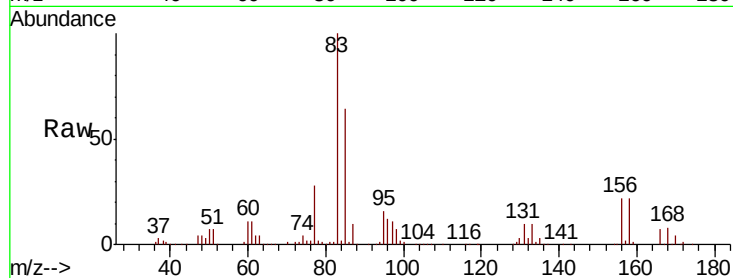




#71
 1,1,2,2-Tetrachloroethane
 Concen: 52.359 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: VX013088.D
 Acq: 16 Oct 2019 11:20

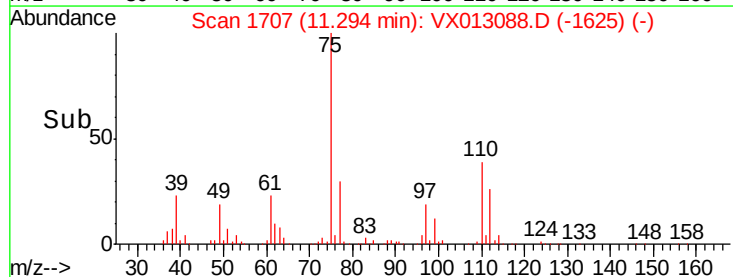
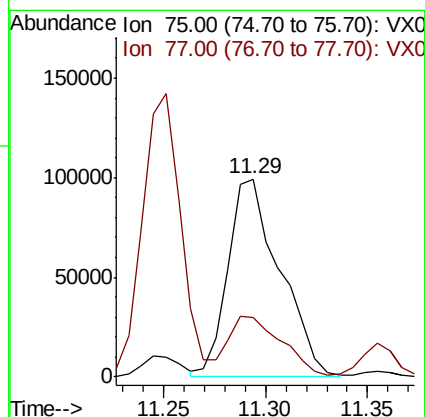
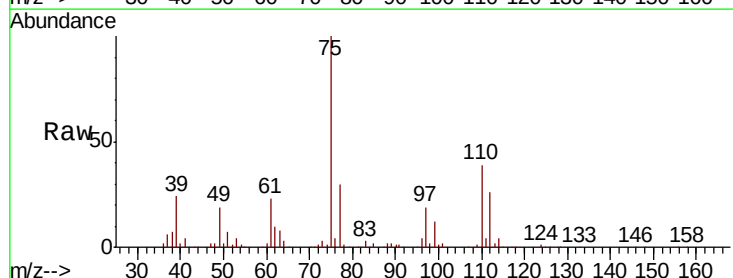
Instrument :
 MSVOA_X
 ClientSampleId :

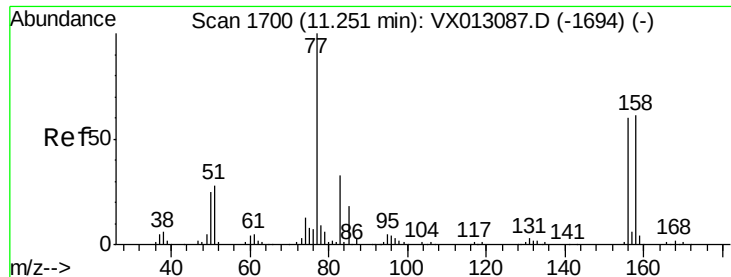
Tot Ion: 83 Resp: 153863
 Ion Ratio Lower Upper
 83 100
 131 10.3 4.9 14.6
 85 61.8 31.9 95.9



#72
 1,2,3-Trichloropropane
 Concen: 72.186 ug/l
 RT: 11.29 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX013088.D
 Acq: 16 Oct 2019 11:20

Tgt Ion: 75 Resp: 175989
 Ion Ratio Lower Upper
 75 100
 77 30.7 0.0 87.8





#73

Bromobenzene

Concen: 45.432 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013088.D

Acq: 16 Oct 2019 11:20

Instrument :

MSVOA_X

ClientSampleId :

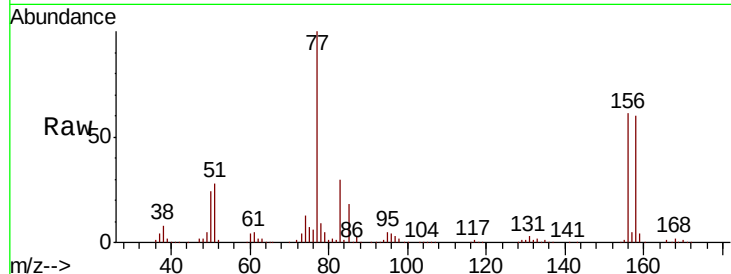
Tot Ion:156 Resp: 108408

Ion Ratio Lower Upper

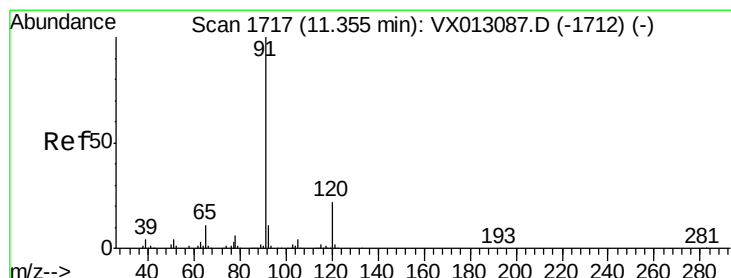
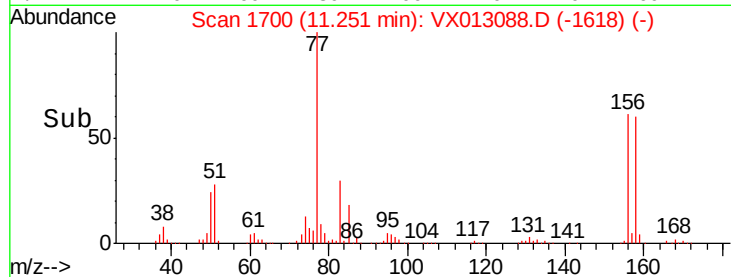
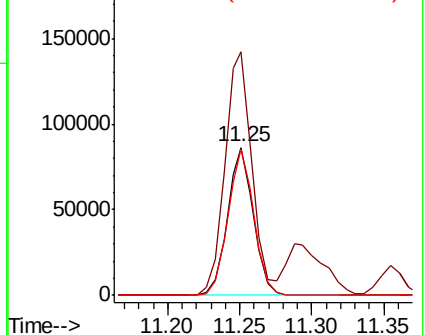
156 100

77 172.7 0.0 344.0

158 99.1 0.0 195.6



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: 50.682 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013088.D

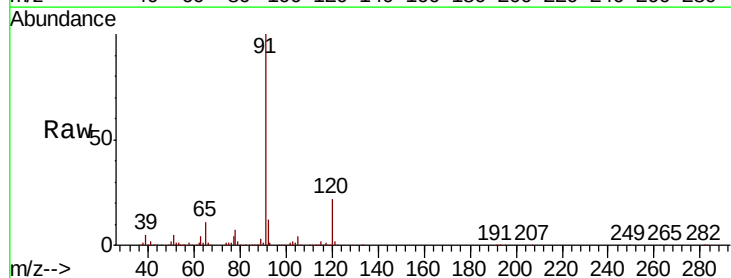
Acq: 16 Oct 2019 11:20

Tgt Ion: 91 Resp: 518333

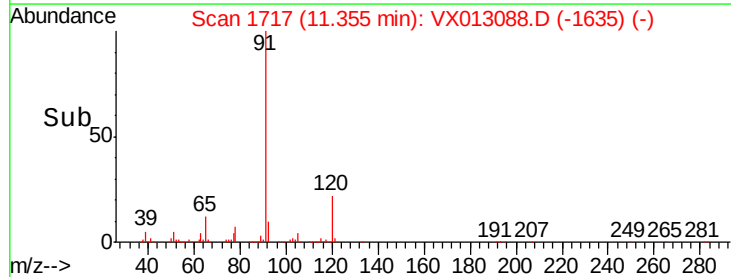
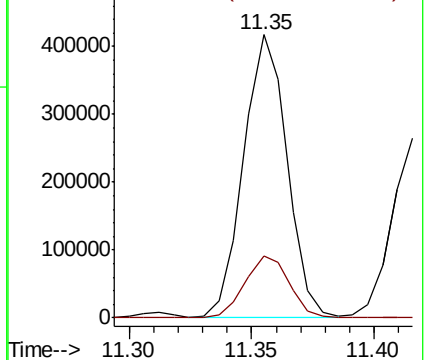
Ion Ratio Lower Upper

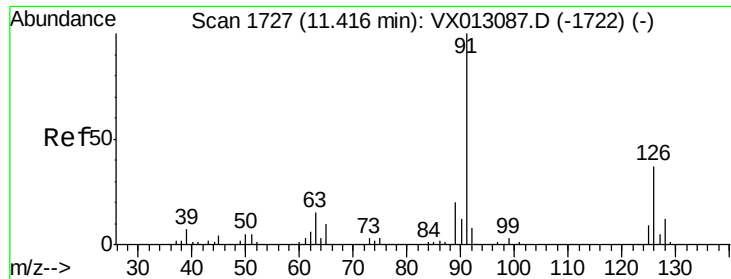
91 100

120 22.4 0.0 45.0



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 120.00 (119.70 to 120.70): V

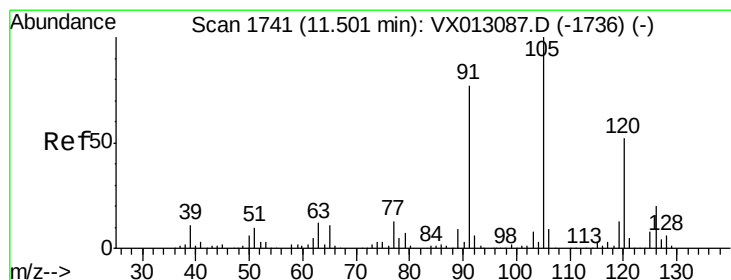
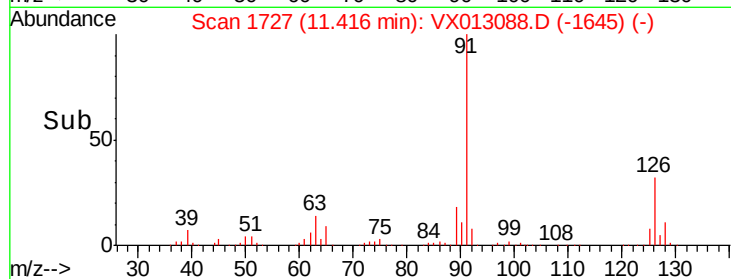
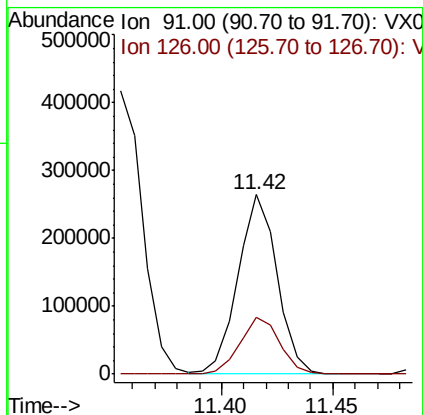
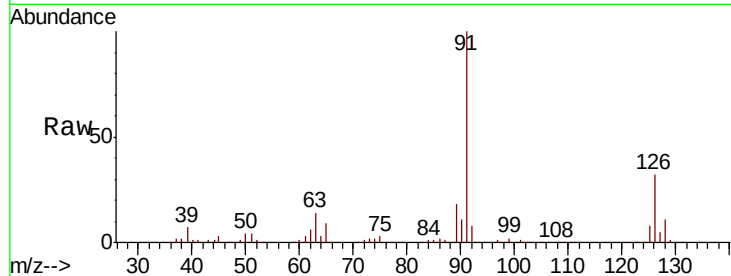




#75
 2-Chlorotoluene
 Concen: 53.084 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX013088.D
 Acq: 16 Oct 2019 11:20

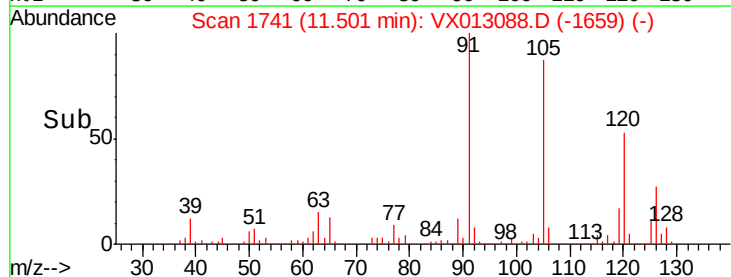
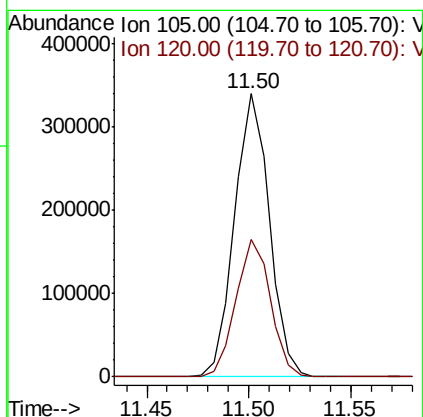
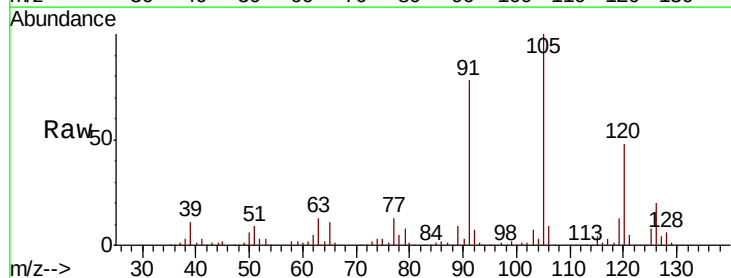
Instrument :
 MSVOA_X
 ClientSampleId :

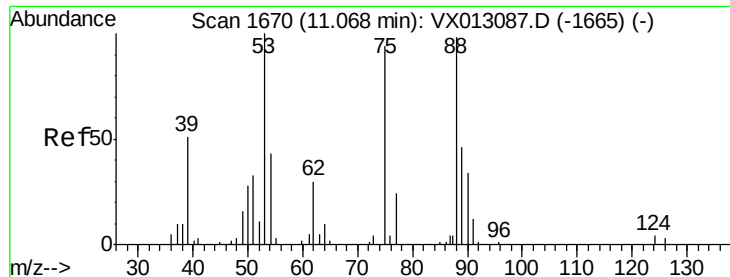
Tot Ion: 91 Resp: 323608
 Ion Ratio Lower Upper
 91 100
 126 32.4 0.0 66.0



#76
 1,3,5-Trimethylbenzene
 Concen: 52.370 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX013088.D
 Acq: 16 Oct 2019 11:20

Tgt Ion: 105 Resp: 401779
 Ion Ratio Lower Upper
 105 100
 120 48.3 0.0 96.6





#77

t-1,4-Dichloro-2-butene

Concen: 60.047 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX013088.D

Acq: 16 Oct 2019 11:20

Instrument :

MSVOA_X

ClientSampled :

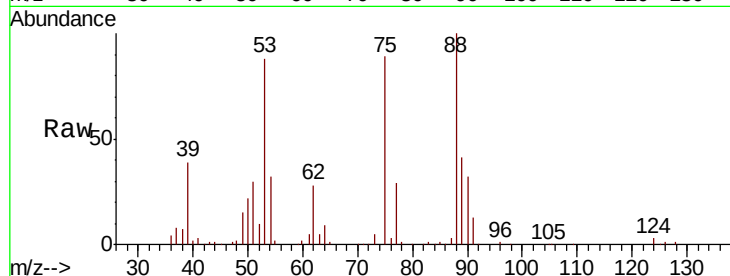
Tot Ion: 75 Resp: 50392

Ion Ratio Lower Upper

75 100

53 99.6 53.1 159.4

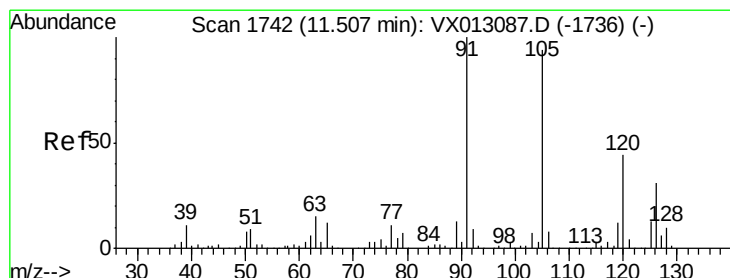
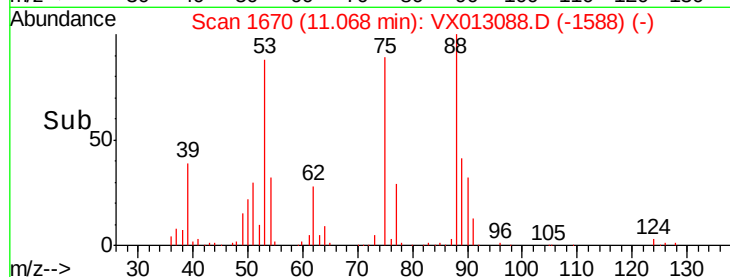
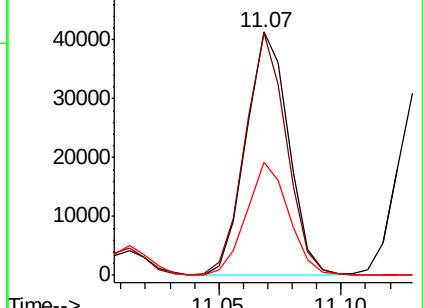
89 46.3 24.6 73.8



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: 52.965 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX013088.D

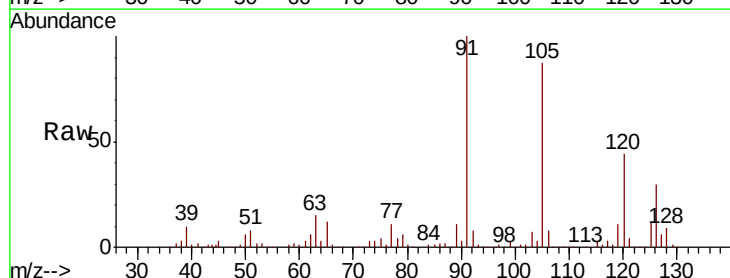
Acq: 16 Oct 2019 11:20

Tgt Ion: 91 Resp: 372073

Ion Ratio Lower Upper

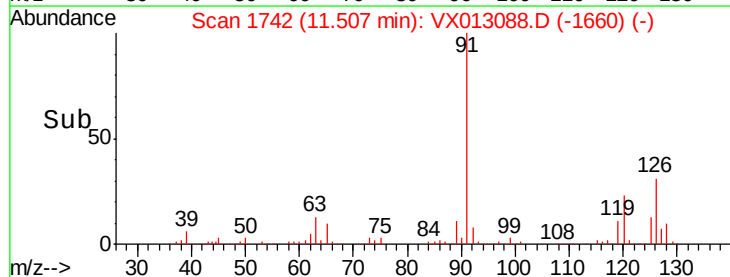
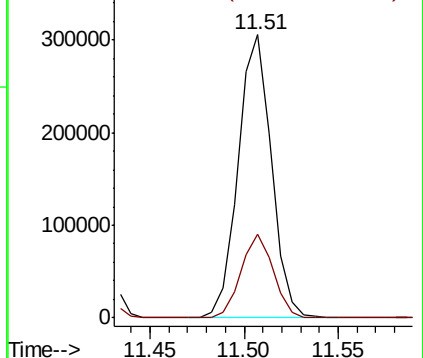
91 100

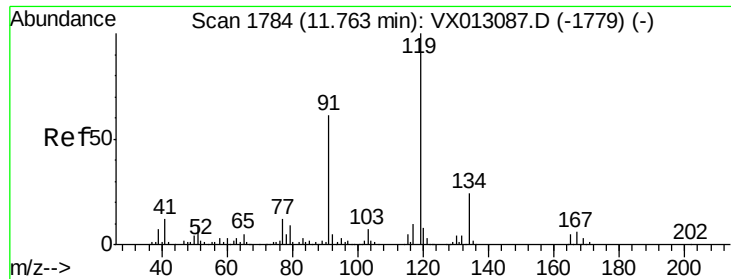
126 29.1 0.0 57.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

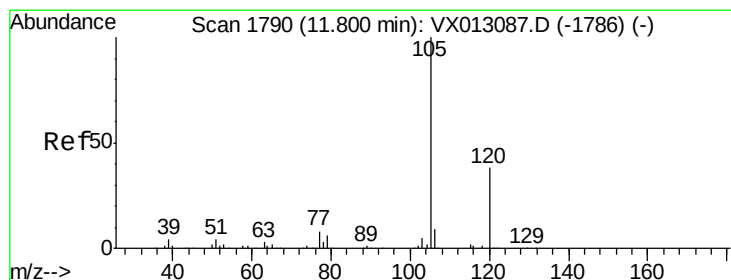
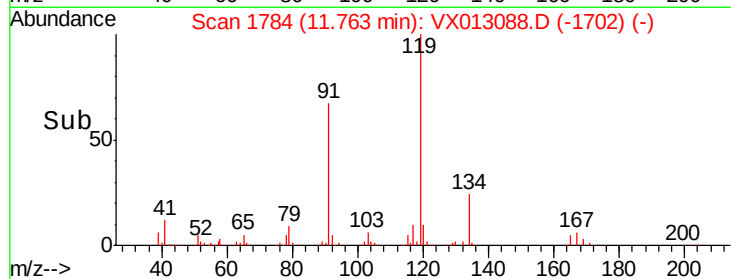
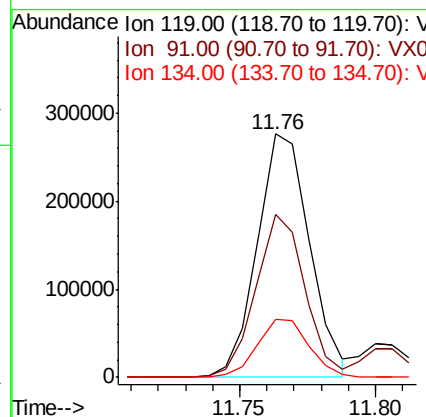
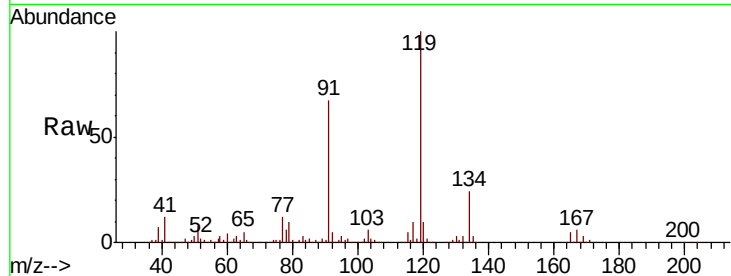




#79
tert-butylbenzene
Concen: 49.866 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX013088.D
Acq: 16 Oct 2019 11:20

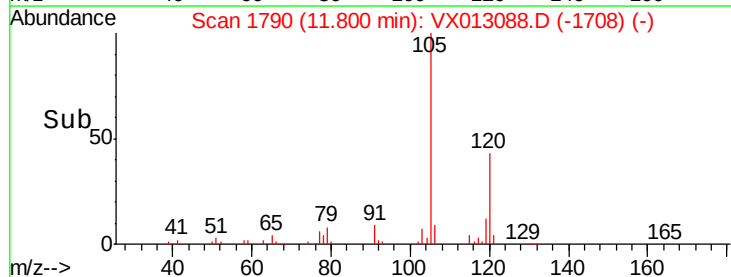
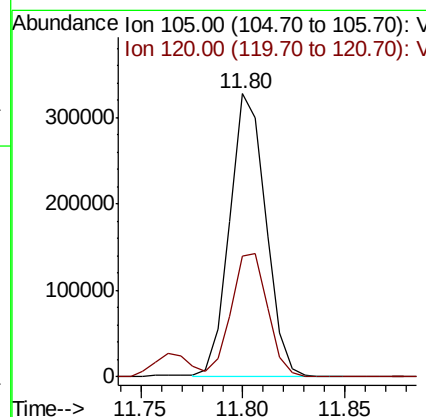
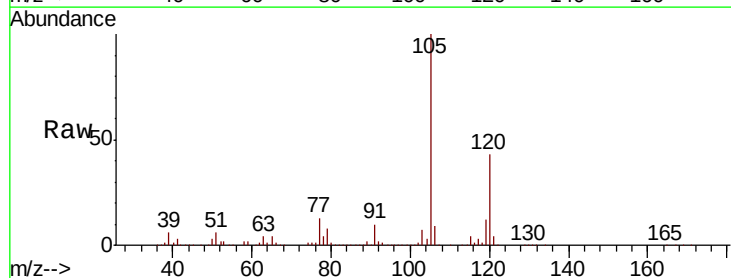
Instrument :
MSVOA_X
ClientSampled :

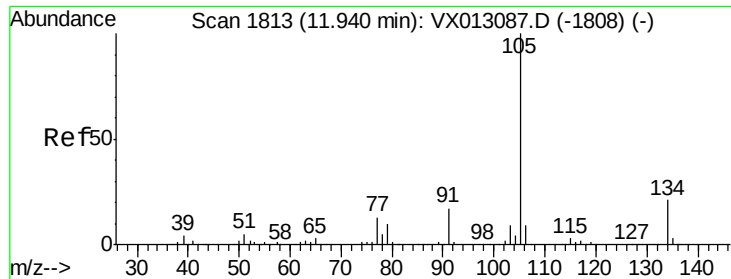
Tot Ion:119 Resp: 370042
Ion Ratio Lower Upper
119 100
91 62.7 0.0 122.2
134 23.5 0.0 46.6



#80
1,2,4-Trimethylbenzene
Concen: 51.719 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX013088.D
Acq: 16 Oct 2019 11:20

Tgt Ion:105 Resp: 400091
Ion Ratio Lower Upper
105 100
120 44.1 0.0 85.8

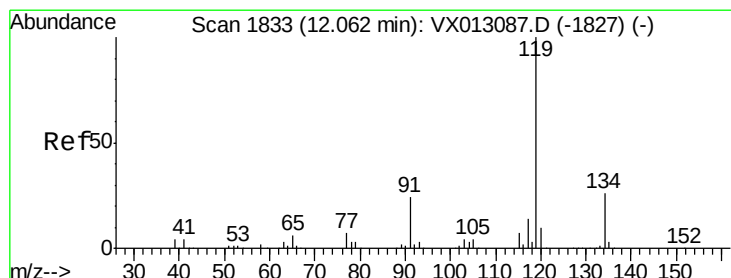
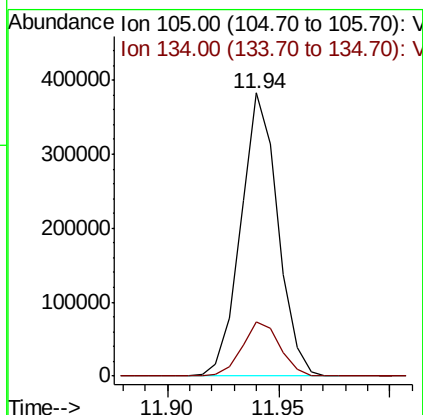
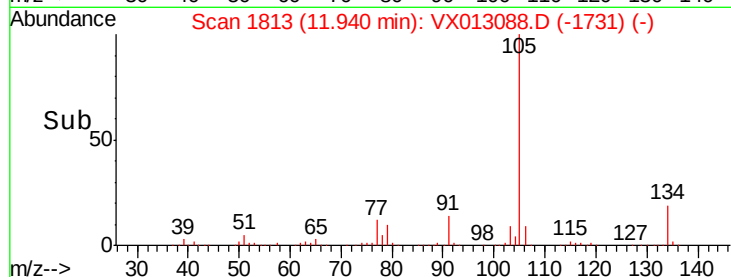
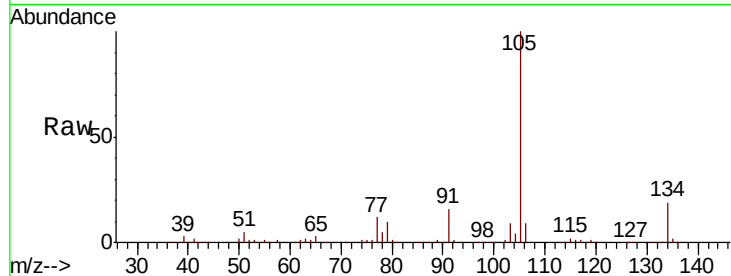




#81
 sec-Butylbenzene
 Concen: 50.729 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX013088.D
 Acq: 16 Oct 2019 11:20

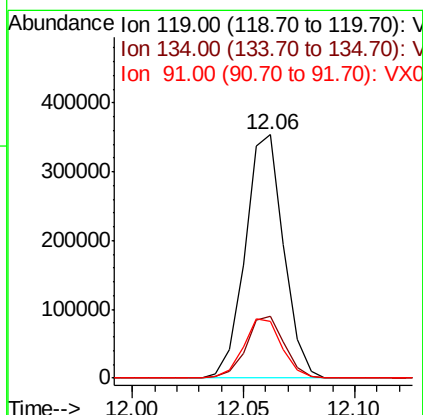
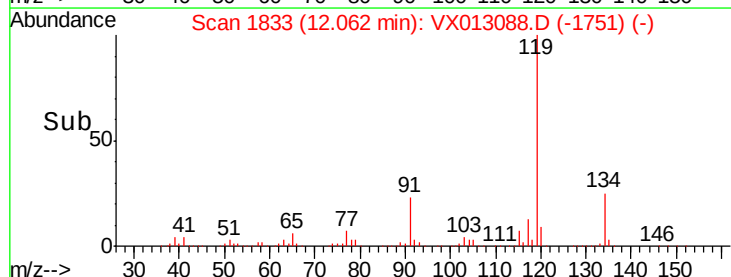
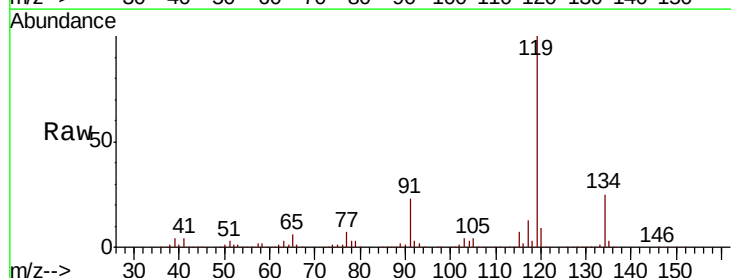
Instrument :
 MSVOA_X
 ClientSampleId :

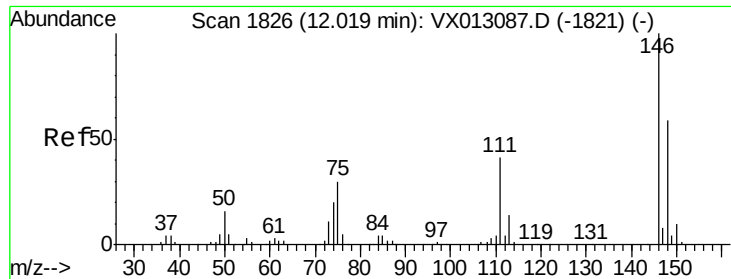
Tot Ion:105 Resp: 443688
 Ion Ratio Lower Upper
 105 100
 134 20.0 0.0 39.6



#82
 p-Isopropyltoluene
 Concen: 52.595 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX013088.D
 Acq: 16 Oct 2019 11:20

Tgt Ion:119 Resp: 424109
 Ion Ratio Lower Upper
 119 100
 134 25.2 0.0 52.0
 91 24.7 0.0 50.4

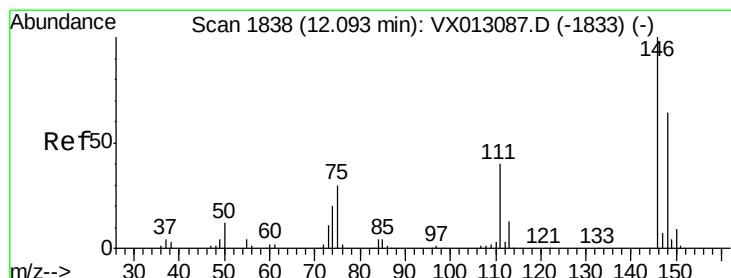
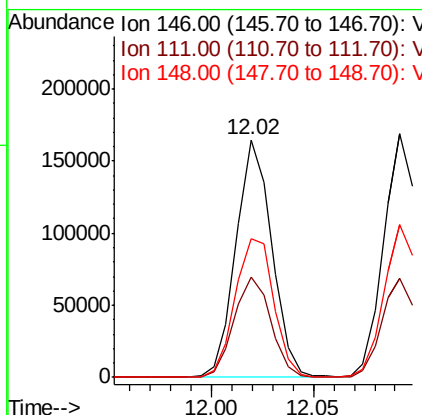
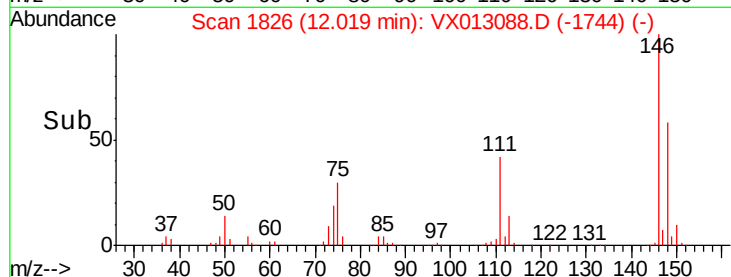
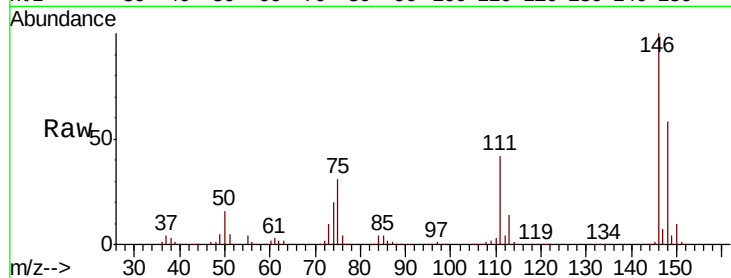




#83
 1,3-Dichlorobenzene
 Concen: 47.164 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013088.D
 Acq: 16 Oct 2019 11:20

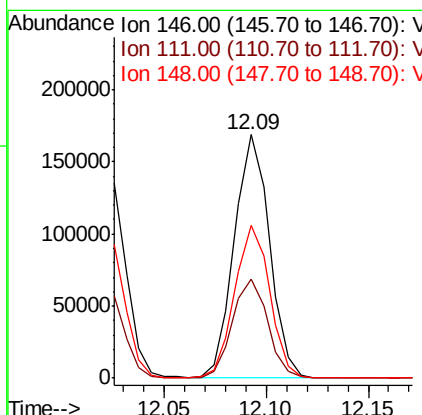
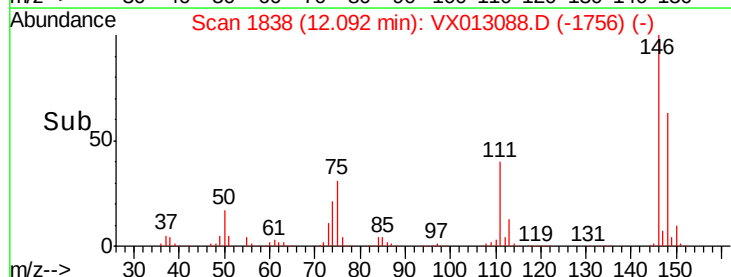
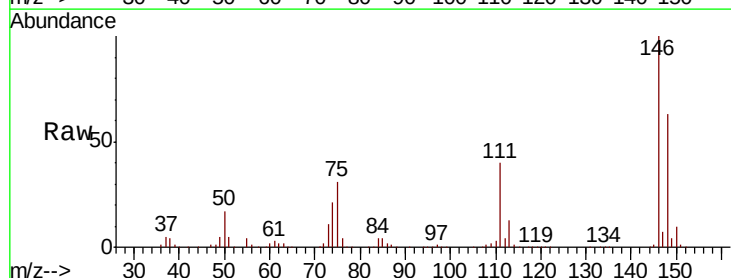
Instrument :
 MSVOA_X
 ClientSampled :

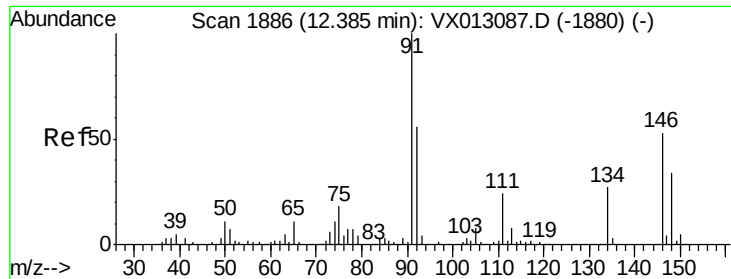
Tot Ion	Ratio	Lower	Upper
146	100		
111	43.6	21.3	63.9
148	63.1	30.4	91.2



#84
 1,4-Dichlorobenzene
 Concen: 48.029 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013088.D
 Acq: 16 Oct 2019 11:20

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.0	59.9
148	62.5	31.9	95.7





#85

n-Butylbenzene

Concen: 51.944 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013088.D

Acq: 16 Oct 2019 11:20

Instrument :

MSVOA_X

ClientSampleId :

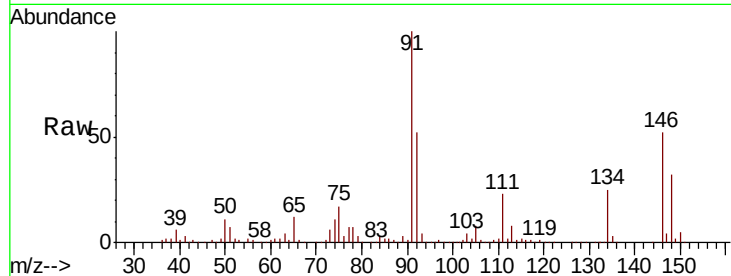
Tot Ion: 91 Resp: 357679

Ion Ratio Lower Upper

91 100

92 53.7 0.0 109.4

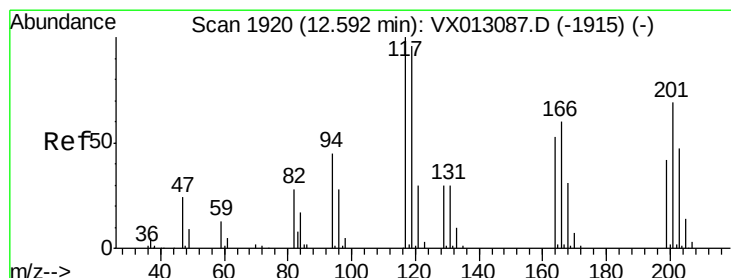
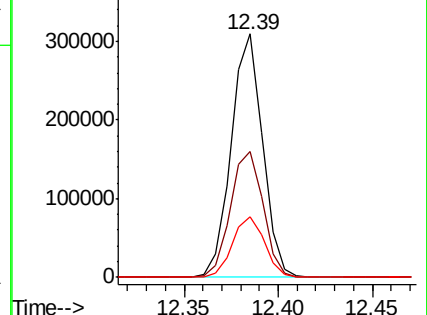
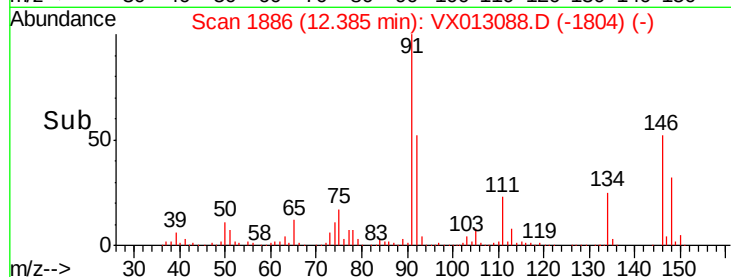
134 25.5 0.0 51.6



Abundance Ion 91.00 (90.70 to 91.70): VX013088.D (-1880) (-)

Ion 92.00 (91.70 to 92.70): VX013088.D (-1880) (-)

Ion 134.00 (133.70 to 134.70): VX013088.D (-1880) (-)



#86

Hexachloroethane

Concen: 54.284 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX013088.D

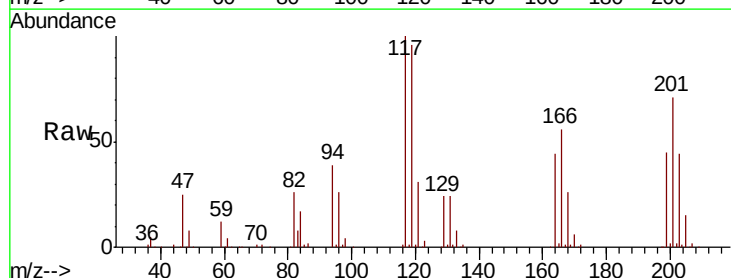
Acq: 16 Oct 2019 11:20

Tgt Ion: 117 Resp: 71399

Ion Ratio Lower Upper

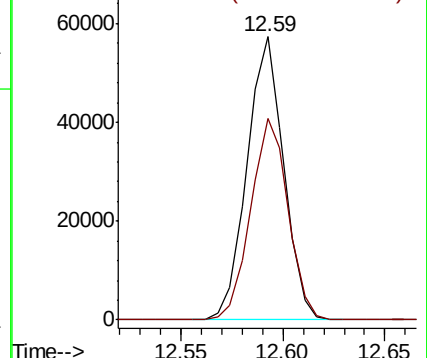
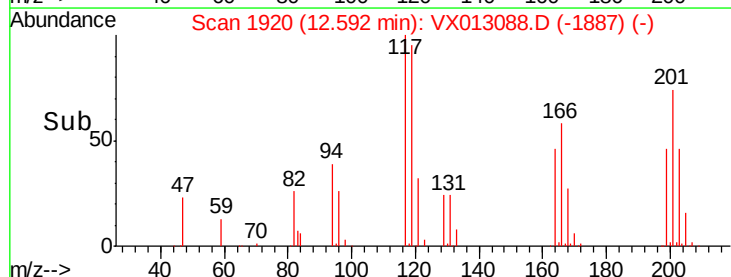
117 100

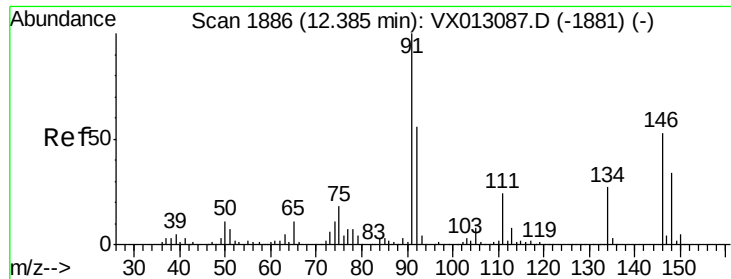
201 72.8 34.2 102.5



Abundance Ion 117.00 (116.70 to 117.70): VX013088.D (-1887) (-)

Ion 201.00 (200.70 to 201.70): VX013088.D (-1887) (-)





#87

1,2-Dichlorobenzene

Concen: 48.584 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013088.D

Acq: 16 Oct 2019 11:20

Instrument :

MSVOA_X

ClientSampled :

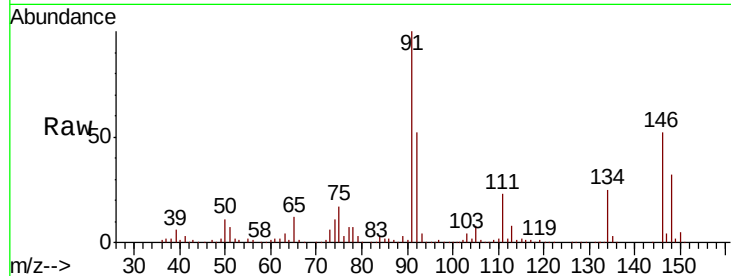
Tot Ion:146 Resp: 200417

Ion Ratio Lower Upper

146 100

111 44.6 22.3 66.9

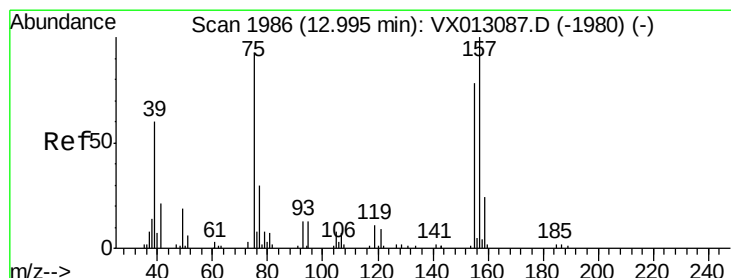
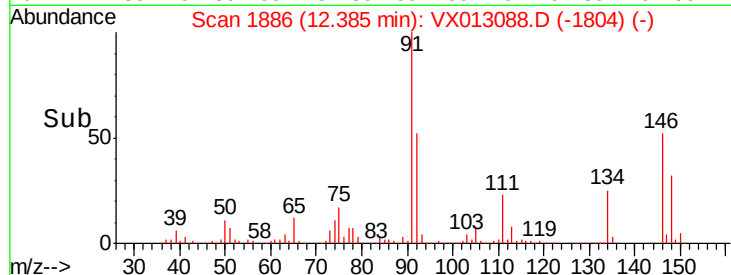
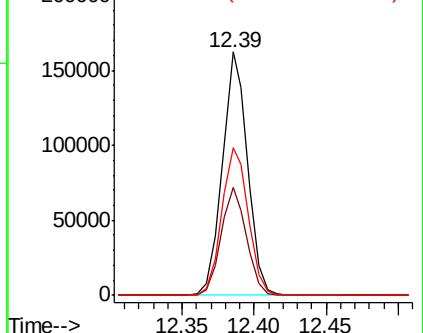
148 63.7 32.7 98.1



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: 56.102 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX013088.D

Acq: 16 Oct 2019 11:20

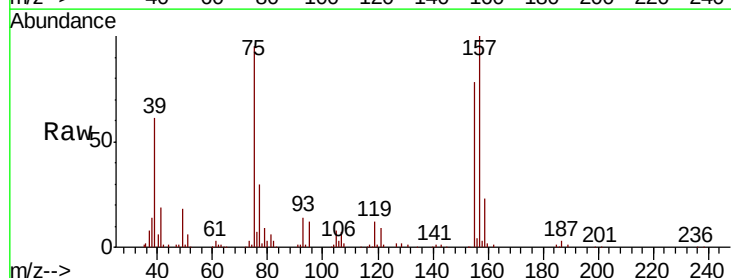
Tgt Ion: 75 Resp: 36433

Ion Ratio Lower Upper

75 100

155 86.5 68.4 102.6

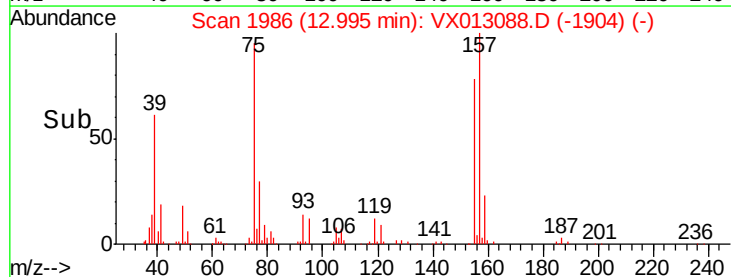
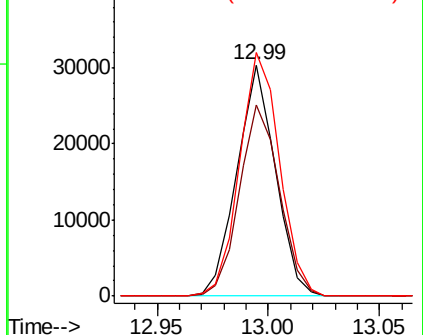
157 110.5 85.6 128.4

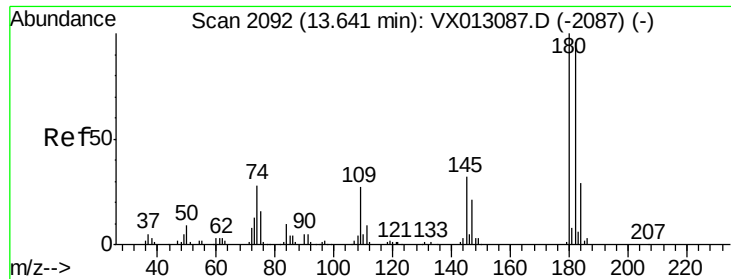


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

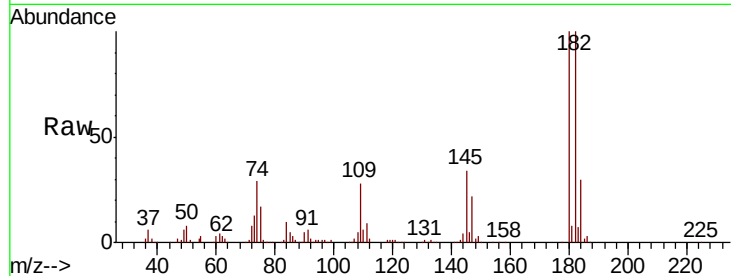




#89
 1,2,4-Trichlorobenzene
 Concen: 44.798 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013088.D
 Acq: 16 Oct 2019 11:20

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	98.5	74.8	112.2
145	33.0	26.2	39.2

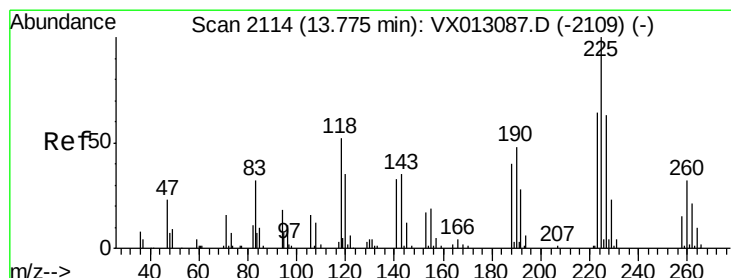
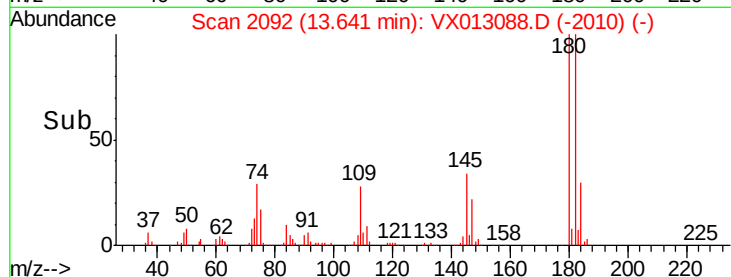
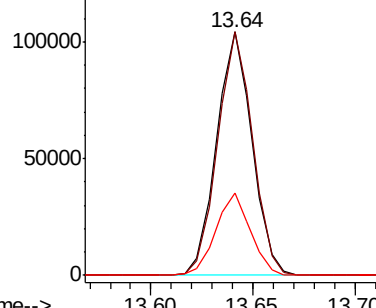


Abundance

Ion 180.00 (179.70 to 180.70): V

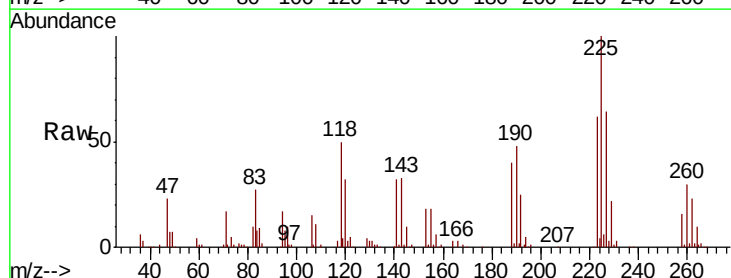
Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V



#90
 Hexachlorobutadiene
 Concen: 41.834 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX013088.D
 Acq: 16 Oct 2019 11:20

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	0.0	132.2
227	66.5	0.0	124.2

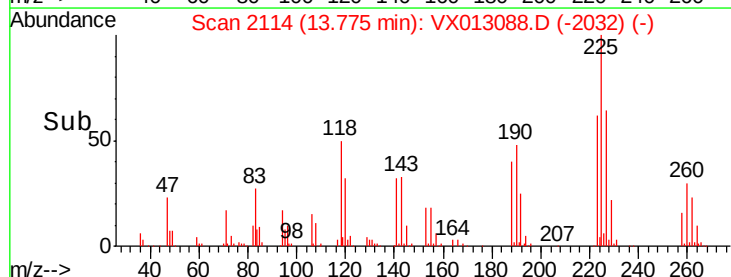
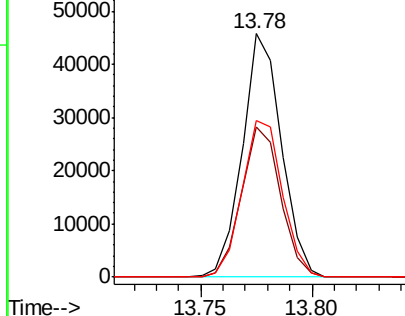


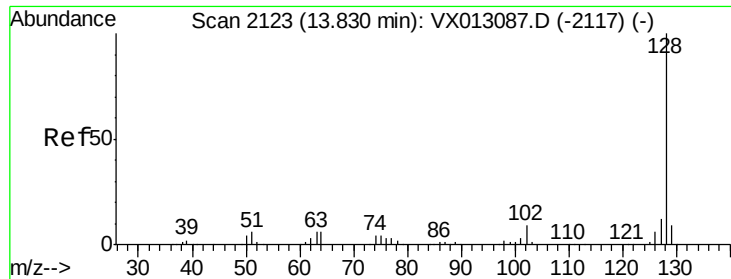
Abundance

Ion 225.00 (224.70 to 225.70): V

Ion 223.00 (222.70 to 223.70): V

Ion 227.00 (226.70 to 227.70): V

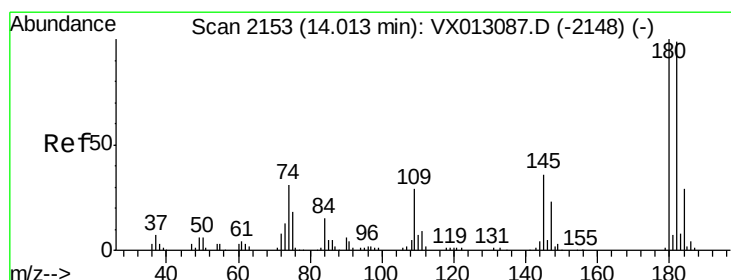
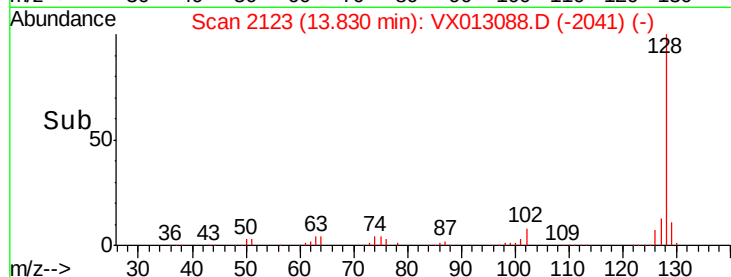
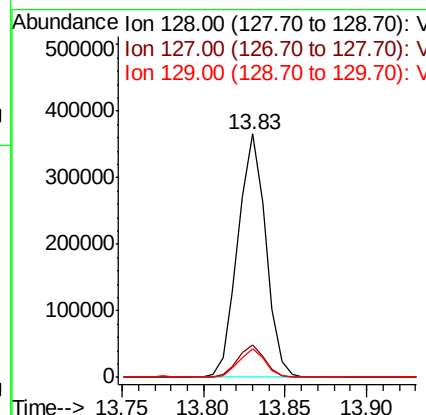
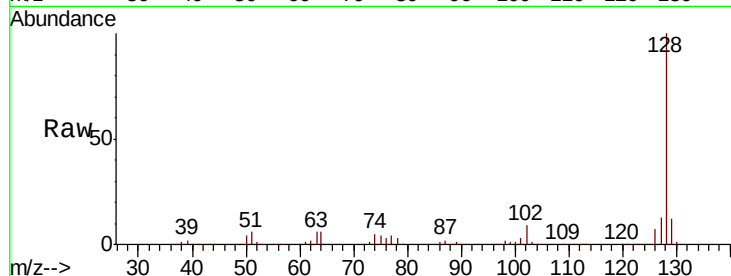




#91
Naphthalene
Concen: 50.176 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013088.D
Acq: 16 Oct 2019 11:20

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 436737
Ion Ratio Lower Upper
128 100
127 12.9 10.0 15.0
129 11.2 8.0 12.0



#92
1,2,3-Trichlorobenzene
Concen: 46.041 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX013088.D
Acq: 16 Oct 2019 11:20

Tgt Ion:180 Resp: 129290
Ion Ratio Lower Upper
180 100
182 96.7 0.0 195.2
145 34.6 0.0 69.8

