

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102219\
 Data File : VX013173.D
 Acq On : 22 Oct 2019 13:30
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 23 07:45:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X102119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Oct 22 01:53:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	29377	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	166526	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	151900	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	67959	29.39	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.97%
60) 4-Bromofluorobenzene	11.13	95	79684	30.13	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	100.43%
63) Toluene-d8	8.71	98	206129	30.51	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.70%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	39114	18.545	ug/l 98
3) Chloromethane	1.32	50	33133	18.019	ug/l 97
4) Vinyl Chloride	1.40	62	34079	17.926	ug/l 95
5) Bromomethane	1.63	94	22397	21.832	ug/l 98
6) Chloroethane	1.72	64	20807	17.151	ug/l 98
7) Trichlorofluoromethane	1.92	101	56663	18.547	ug/l 95
8) Diethyl Ether	2.17	74	18708	17.941	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	34592	18.538	ug/l 97
10) 1,1-Dichloroethene	2.36	96	32901	18.256	ug/l 96
11) Methyl Iodide	2.50	142	39184	16.882	ug/l 96
12) Methyl Acetate	2.76	43	41845	17.981	ug/l 90
13) Acrolein	2.28	56	30985	89.442	ug/l 100
14) Acrylonitrile	3.12	53	85731	88.087	ug/l 98
15) Acetone	2.43	58	29947	93.394	ug/l 100
16) Carbon Disulfide	2.56	76	84181	17.492	ug/l 100
17) Allyl chloride	2.72	41	51071	17.816	ug/l 97
18) Methylene Chloride	2.84	84	36615	17.547	ug/l 96
19) trans-1,2-Dichloroethene	3.16	96	35823	18.732	ug/l 94
20) Diisopropyl ether	3.84	45	102197	18.432	ug/l 92
21) 1,1-Dichloroethane	3.69	63	61562	18.287	ug/l 99
22) cis-1,2-Dichloroethene	4.58	96	39278	18.012	ug/l 97
23) tert-Butyl Alcohol	3.02	59	39695	77.414	ug/l # 100
24) Methyl tert-Butyl Ether	3.18	73	115437	18.573	ug/l 97
25) Chloroform	5.20	83	65039	18.385	ug/l 100
26) Cyclohexane	5.57	56	53760	18.200	ug/l # 97
29) 1,1-Dichloropropene	5.79	75	47607	18.403	ug/l # 86
30) 2-Butanone	4.65	43	123731	91.180	ug/l 100
31) 2,2-Dichloropropane	4.57	77	57206	19.126	ug/l # 80
32) 1,1,1-Trichloroethane	5.48	97	59034	18.858	ug/l 100
33) Carbon Tetrachloride	5.77	117	50395	18.730	ug/l 99
34) Benzene	6.13	78	140765	18.901	ug/l 98
35) Methacrylonitrile	5.02	41	25075	18.018	ug/l 94
36) 1,2-Dichloroethane	6.18	62	54237	19.265	ug/l 99
37) Trichloroethene	7.20	130	40040	19.383	ug/l 94
38) Methylcyclohexane	7.46	83	59098	18.732	ug/l 99
39) 1,2-Dichloropropane	7.50	63	34443	18.842	ug/l 98
40) Dibromomethane	7.65	93	24870	19.047	ug/l 100

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	50011	18.996	ug/l	100
42) Vinyl Acetate	3.80	43	441024	93.721	ug/l	99
43) Ethyl Acetate	4.82	43	46473	18.777	ug/l	99
44) Isopropyl Acetate	6.43	43	77113	18.538	ug/l	100
45) 1,4-Dioxane	7.73	88	17432	331.370	ug/l	98
46) Methyl methacrylate	7.76	41	38073	18.601	ug/l	96
47) n-amyl Acetate	10.89	43	64035	18.262	ug/l	99
48) t-1,3-Dichloropropene	9.03	75	53542	18.540	ug/l	99
49) cis-1,3-Dichloropropene	8.43	75	57149	18.186	ug/l	97
50) 1,1,2-Trichloroethane	9.21	97	37354	19.372	ug/l	97
51) Ethyl methacrylate	9.17	69	57689	19.080	ug/l	96
52) 1,3-Dichloropropane	9.36	76	62592	19.275	ug/l	99
53) Dibromochloromethane	9.57	129	37715	18.132	ug/l	97
54) 1,2-Dibromoethane	9.67	107	38477	18.662	ug/l	97
55) 2-Chloroethyl vinyl ether	8.30	63	127896	104.134	ug/l	99
56) Bromoform	10.85	173	26343	17.852	ug/l	99
58) 4-Methyl-2-Pentanone	8.63	43	233665	91.291	ug/l	99
59) 2-Hexanone	9.48	43	177679	88.575	ug/l	100
61) Tetrachloroethene	9.33	164	39401	19.566	ug/l	98
62) Toluene	8.78	91	156272	19.058	ug/l	99
64) Chlorobenzene	10.14	112	98929	18.816	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.21	131	37145	18.860	ug/l	97
66) Ethyl Benzene	10.25	91	179235	18.991	ug/l	99
67) m/p-Xylenes	10.36	106	135276	37.714	ug/l	98
68) o-Xylene	10.70	106	64787	18.921	ug/l	97
69) Styrene	10.71	104	110610	18.771	ug/l	99
70) Isopropylbenzene	11.01	105	177400	18.881	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	53117	18.449	ug/l	97
72) 1,2,3-Trichloropropane	11.29	75	60173	24.063	ug/l	90
73) Bromobenzene	11.25	156	41433	18.375	ug/l	99
74) n-propylbenzene	11.35	91	201939	19.582	ug/l	99
75) 2-Chlorotoluene	11.42	91	122347	18.960	ug/l	99
76) 1,3,5-Trimethylbenzene	11.50	105	147984	18.762	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	16427	16.919	ug/l	95
78) 4-Chlorotoluene	11.51	91	138013	18.718	ug/l	99
79) tert-butylbenzene	11.76	119	140692	18.525	ug/l	99
80) 1,2,4-Trimethylbenzene	11.81	105	150554	19.108	ug/l	98
81) sec-Butylbenzene	11.94	105	166971	18.455	ug/l	99
82) p-Isopropyltoluene	12.06	119	159695	19.305	ug/l	100
83) 1,3-Dichlorobenzene	12.02	146	77171	18.741	ug/l	100
84) 1,4-Dichlorobenzene	12.09	146	77437	19.015	ug/l	97
85) n-Butylbenzene	12.39	91	130107	18.516	ug/l	96
86) Hexachloroethane	12.59	117	25625	17.748	ug/l	93
87) 1,2-Dichlorobenzene	12.39	146	74806	18.727	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	12.99	75	11647	16.417	ug/l	92
89) 1,2,4-Trichlorobenzene	13.64	180	49131	19.777	ug/l	95
90) Hexachlorobutadiene	13.78	225	24374	19.324	ug/l	97
91) Naphthalene	13.83	128	146452	18.123	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	47158	18.528	ug/l	97

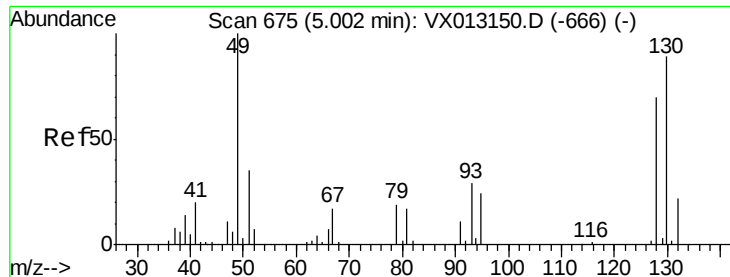
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.00 min Scan# 674

Delta R.T. -0.01 min

Lab File: VX013173.D

Acq: 22 Oct 2019 13:30

Instrument :
MSVOA_X
ClientSampleId :

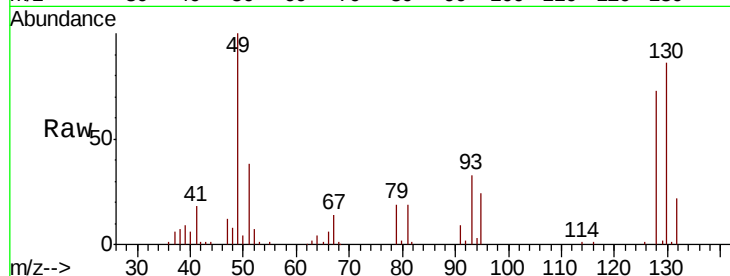
Tot Ion:128 Resp: 29377

Ion Ratio Lower Upper

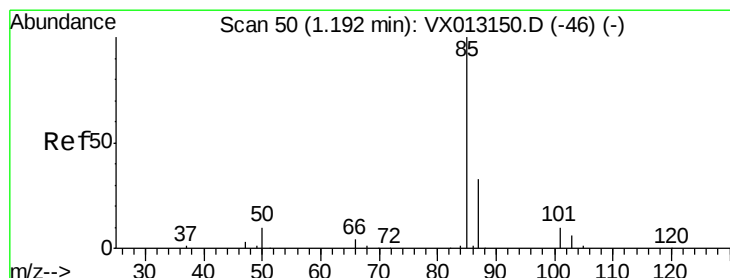
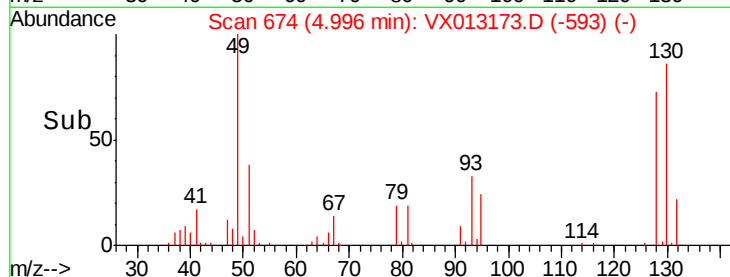
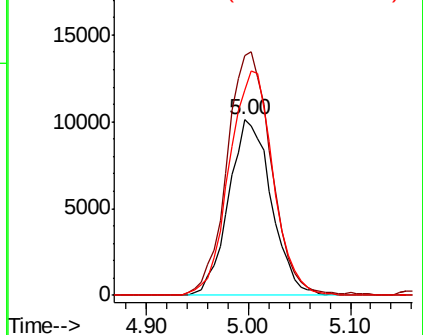
128 100

49 143.5 0.0 367.3

130 131.7 0.0 325.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VX0
Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 18.545 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX013173.D

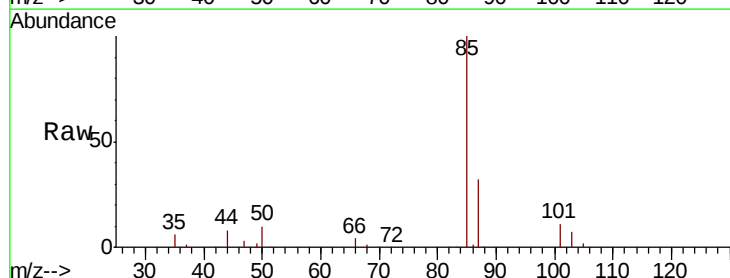
Acq: 22 Oct 2019 13:30

Tgt Ion: 85 Resp: 39114

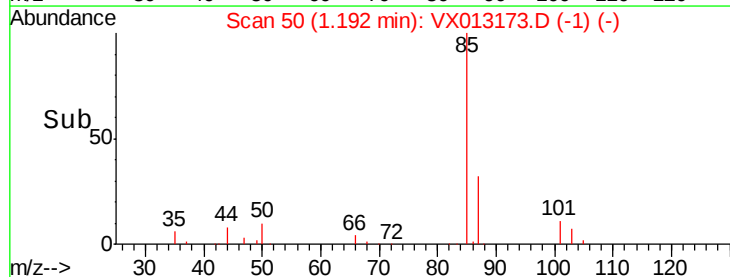
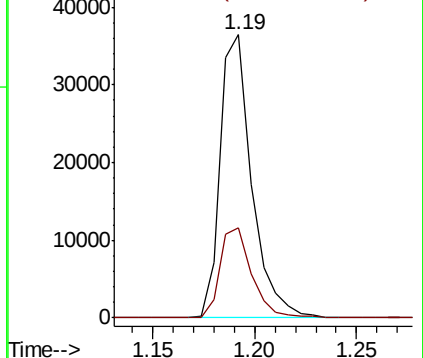
Ion Ratio Lower Upper

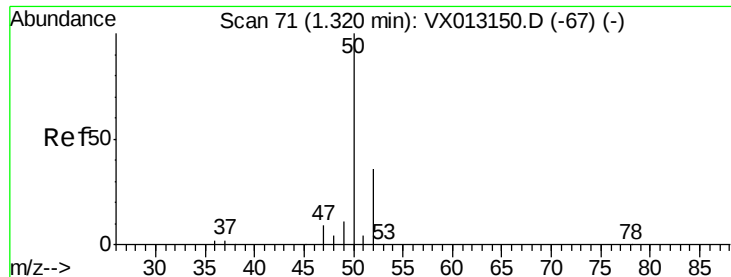
85 100

87 31.9 16.6 49.7



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





#3

Chloromethane

Concen: 18.019 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX013173.D

Acq: 22 Oct 2019 13:30

Instrument :

MSVOA_X

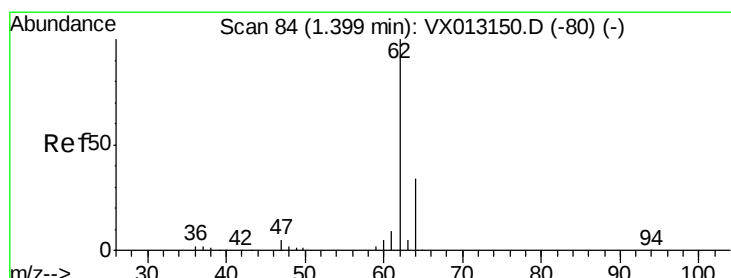
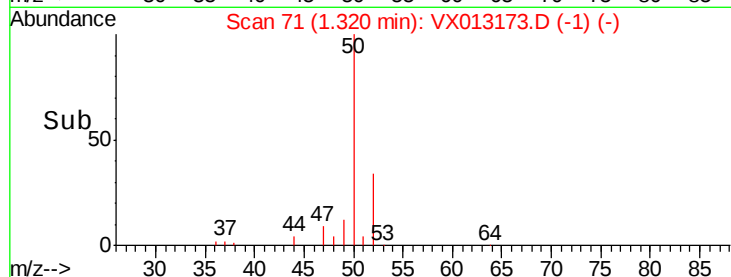
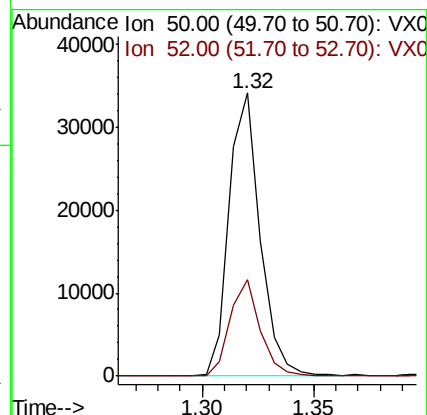
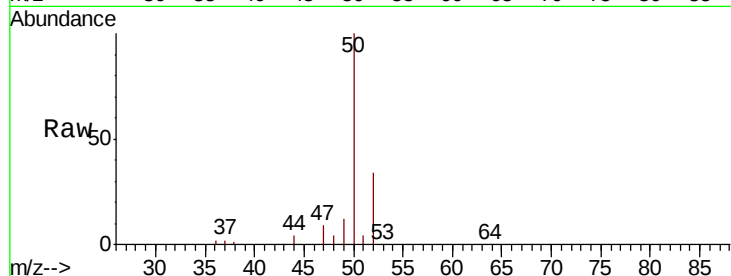
ClientSampleId :

Tot Ion: 50 Resp: 33133

Ion Ratio Lower Upper

50 100

52 34.1 28.6 42.8



#4

Vinyl Chloride

Concen: 17.926 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013173.D

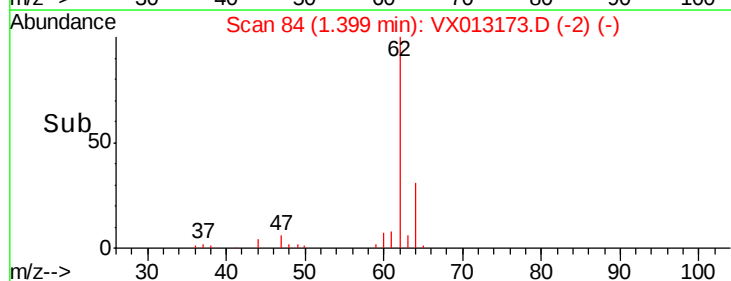
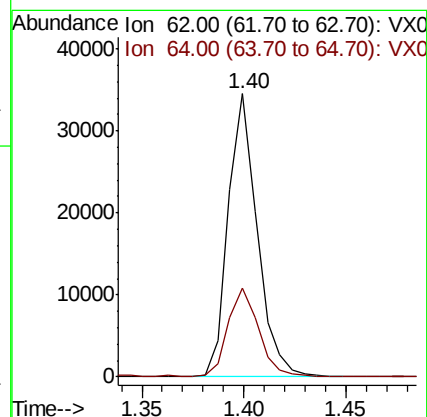
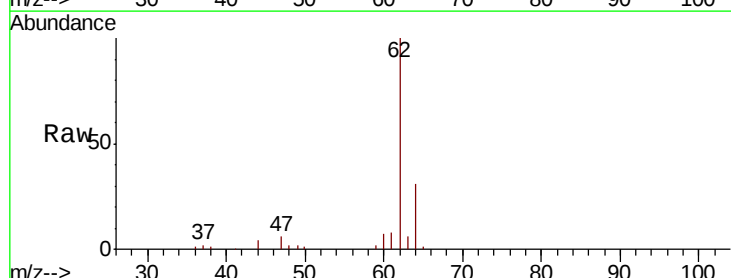
Acq: 22 Oct 2019 13:30

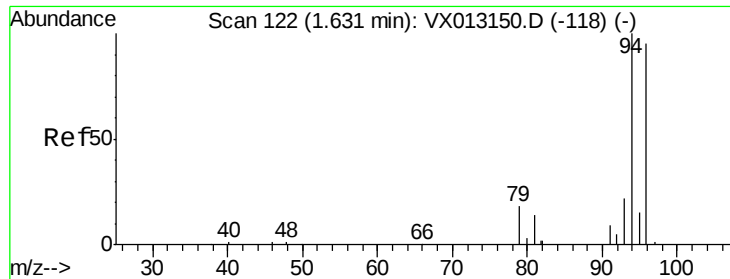
Tgt Ion: 62 Resp: 34079

Ion Ratio Lower Upper

62 100

64 31.5 27.3 40.9

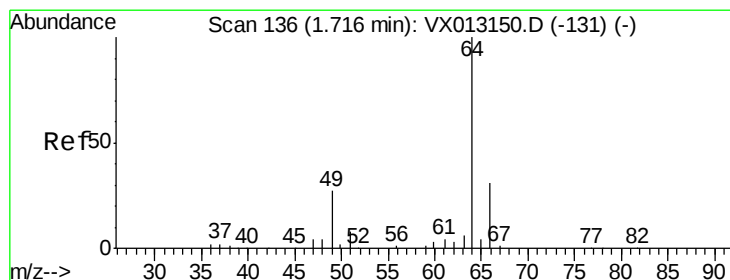
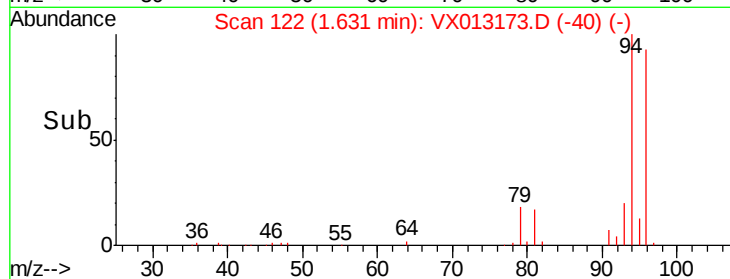
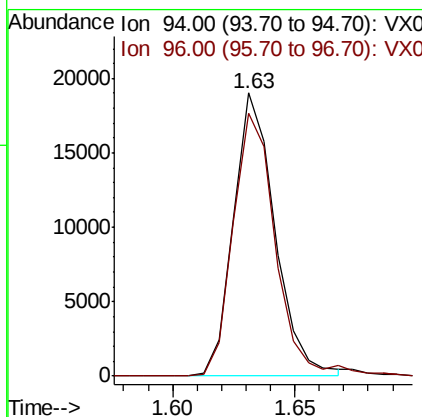
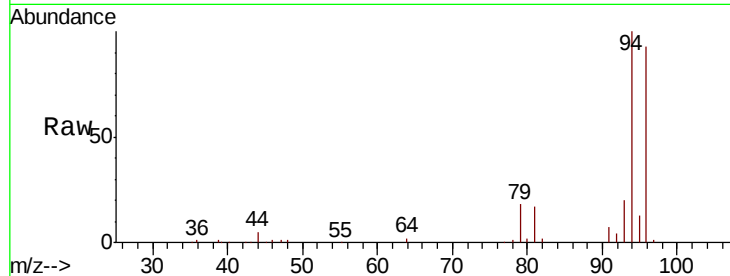




#5
Bromomethane
Concen: 21.832 ug/l
RT: 1.63 min Scan# 122
Delta R.T. 0.00 min
Lab File: VX013173.D
Acq: 22 Oct 2019 13:30

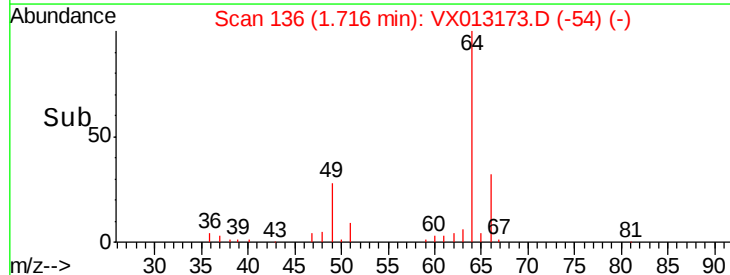
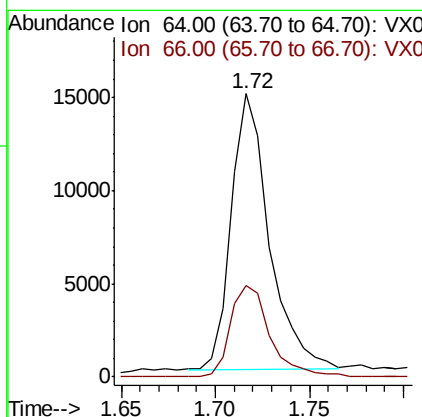
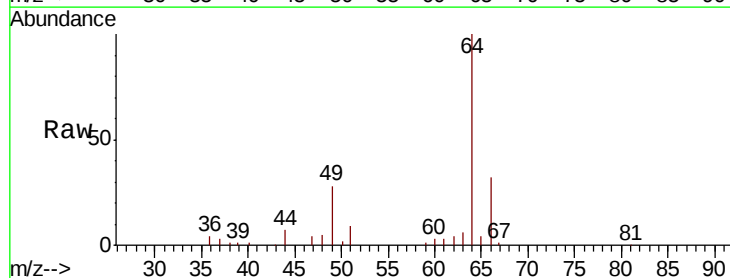
Instrument :
MSVOA_X
ClientSampleId :

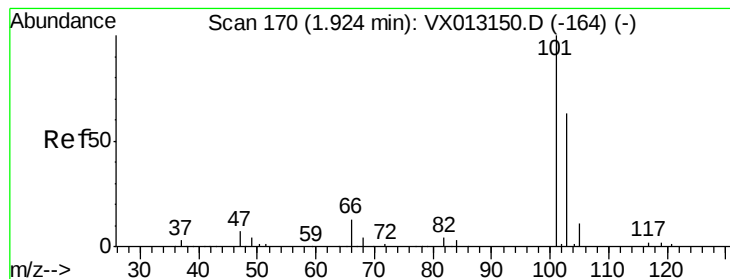
Tot Ion: 94 Resp: 22397
Ion Ratio Lower Upper
94 100
96 92.7 75.9 113.9



#6
Chloroethane
Concen: 17.151 ug/l
RT: 1.72 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX013173.D
Acq: 22 Oct 2019 13:30

Tgt Ion: 64 Resp: 20807
Ion Ratio Lower Upper
64 100
66 33.2 25.4 38.2



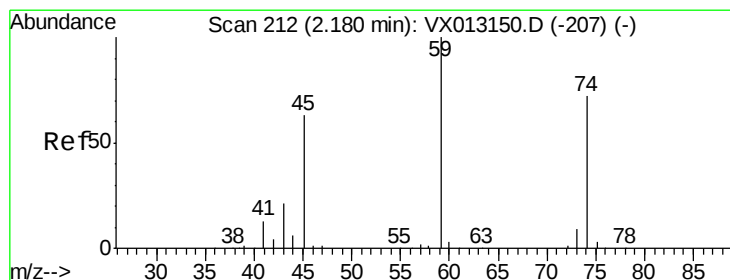
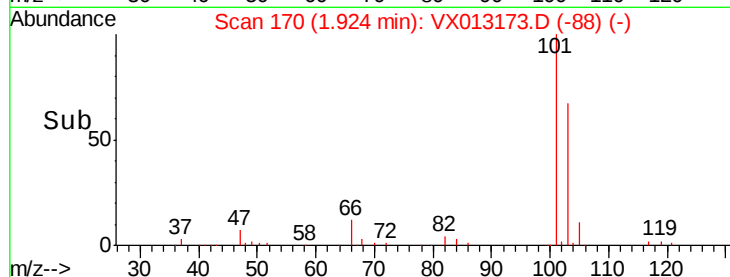
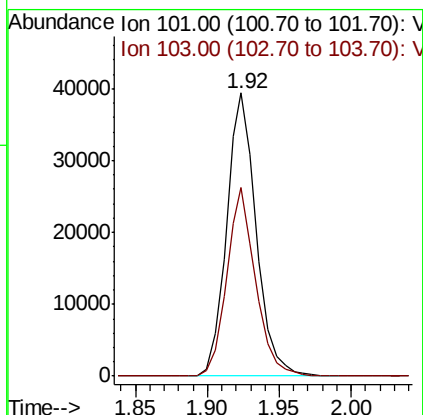
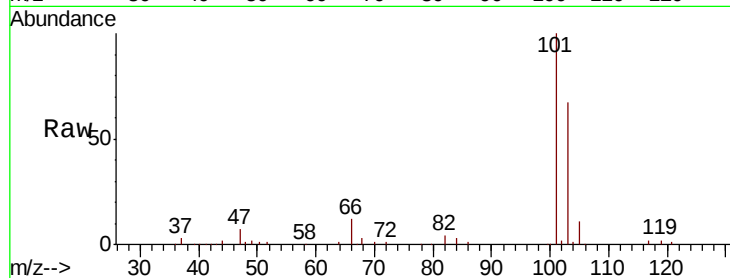


#7

Trichlorofluoromethane
Concen: 18.547 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX013173.D
Acq: 22 Oct 2019 13:30

Instrument :
MSVOA_X
ClientSampleId :

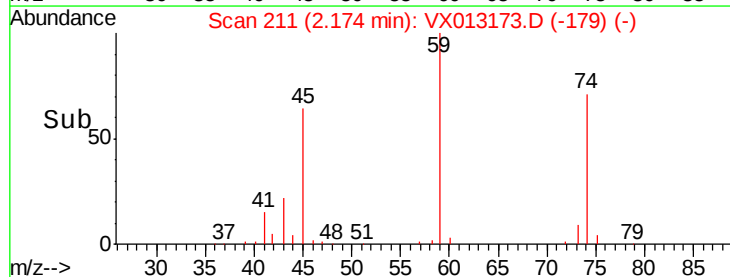
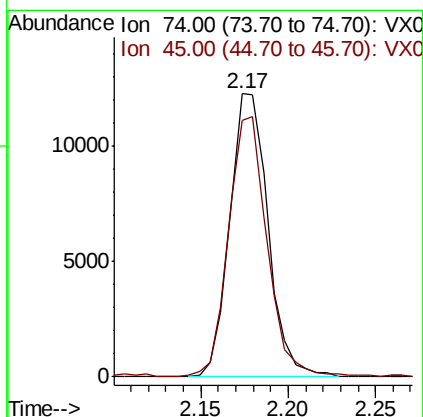
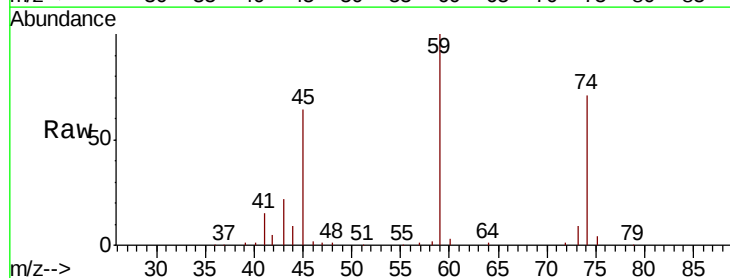
Tot Ion:101 Resp: 56663
Ion Ratio Lower Upper
101 100
103 66.8 50.2 75.4

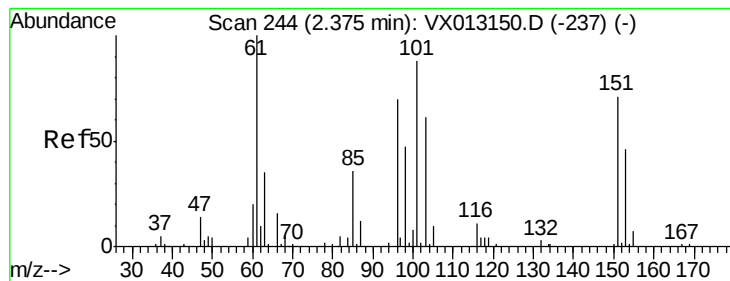


#8

Diethyl Ether
Concen: 17.941 ug/l
RT: 2.17 min Scan# 211
Delta R.T. -0.01 min
Lab File: VX013173.D
Acq: 22 Oct 2019 13:30

Tgt Ion: 74 Resp: 18708
Ion Ratio Lower Upper
74 100
45 92.7 18.4 165.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.538 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013173.D

Acq: 22 Oct 2019 13:30

Instrument :

MSVOA_X

ClientSampleId :

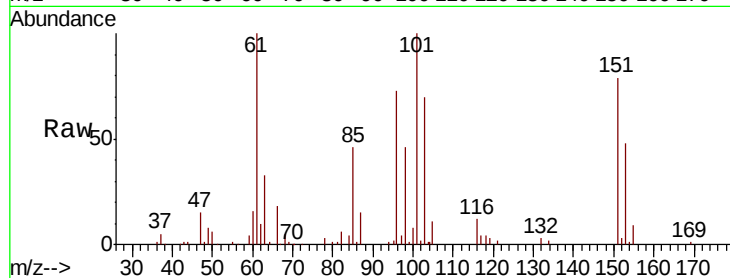
Tot Ion:101 Resp: 34592

Ion Ratio Lower Upper

101 100

85 44.1 0.0 87.2

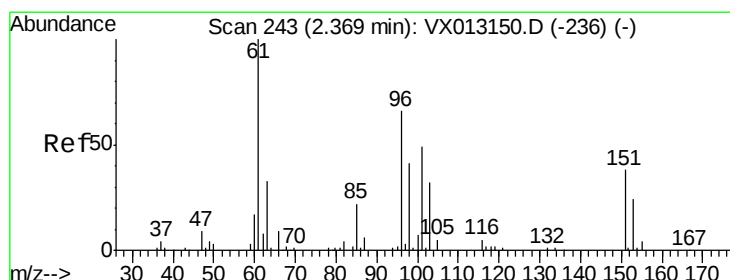
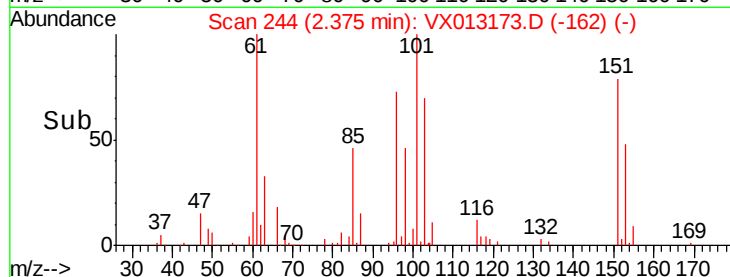
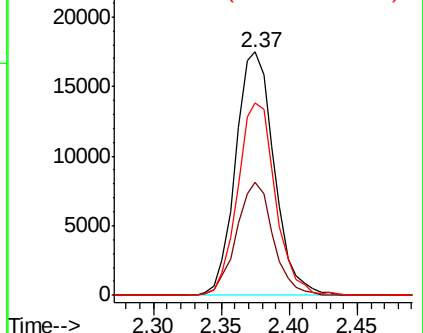
151 77.3 0.0 163.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 18.256 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.01 min

Lab File: VX013173.D

Acq: 22 Oct 2019 13:30

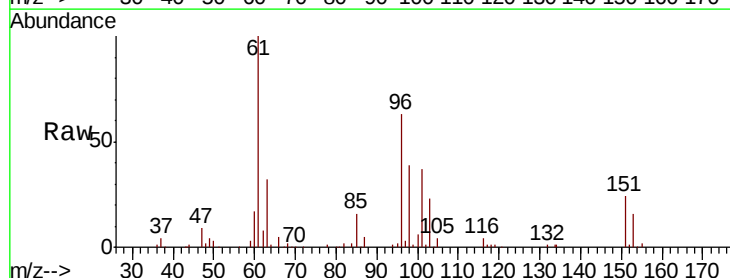
Tgt Ion: 96 Resp: 32901

Ion Ratio Lower Upper

96 100

61 159.2 121.3 181.9

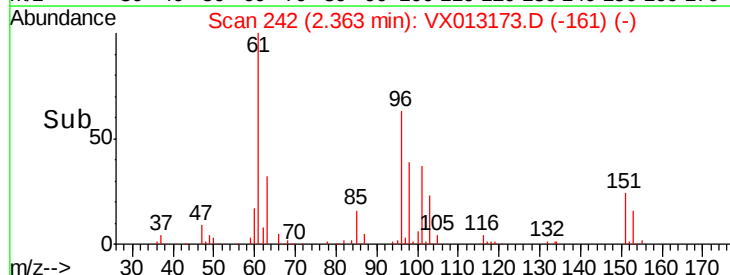
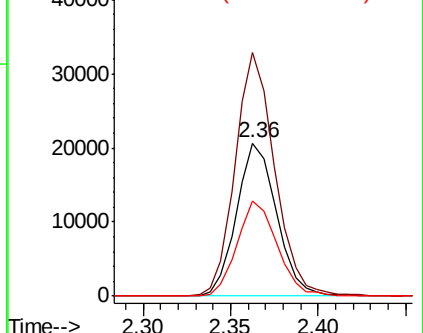
98 62.5 49.5 74.3

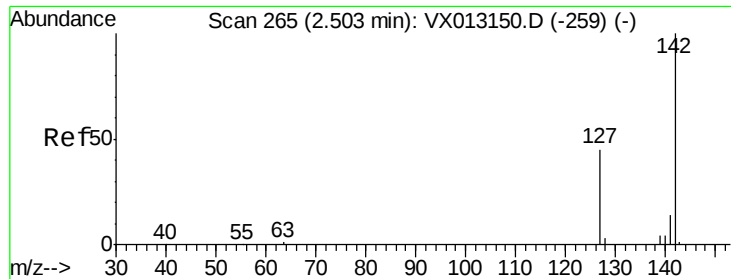


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

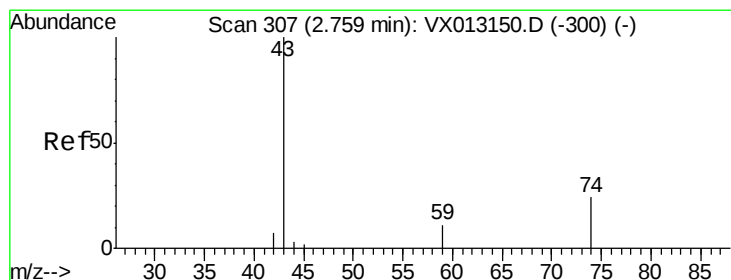
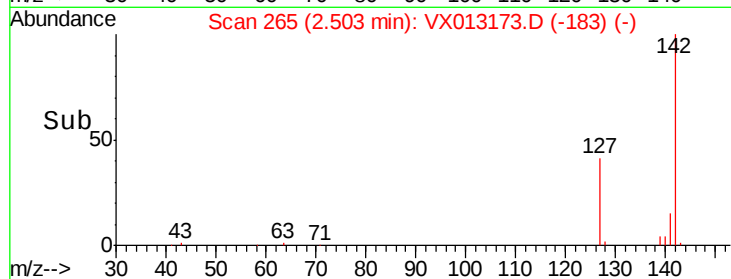
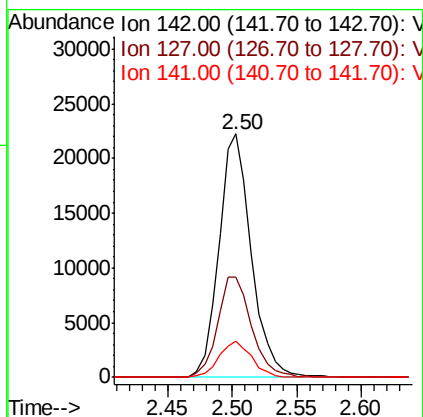
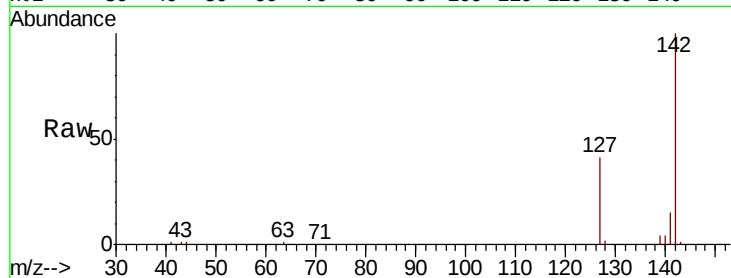




#11
Methyl Iodide
Concen: 16.882 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.00 min
Lab File: VX013173.D
Acq: 22 Oct 2019 13:30

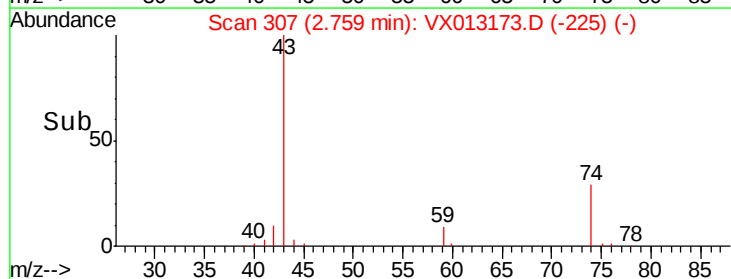
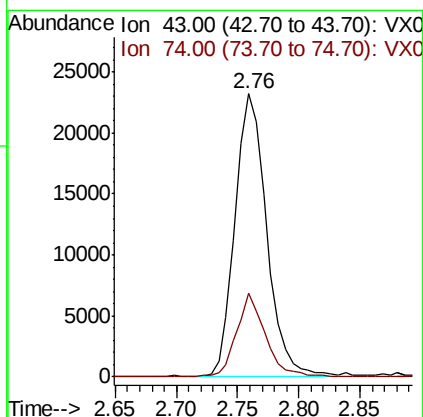
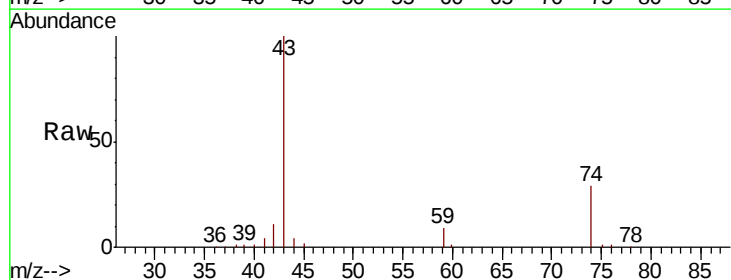
Instrument :
MSVOA_X
ClientSampleId :

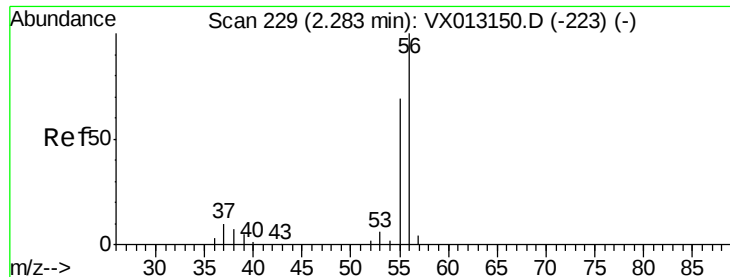
Tot Ion:142 Resp: 39184
Ion Ratio Lower Upper
142 100
127 41.3 22.3 66.9
141 15.1 7.1 21.3



#12
Methyl Acetate
Concen: 17.981 ug/l
RT: 2.76 min Scan# 307
Delta R.T. 0.00 min
Lab File: VX013173.D
Acq: 22 Oct 2019 13:30

Tgt Ion: 43 Resp: 41845
Ion Ratio Lower Upper
43 100
74 29.3 19.7 29.5





#13

Acrolein

Concen: 89.442 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013173.D

Acq: 22 Oct 2019 13:30

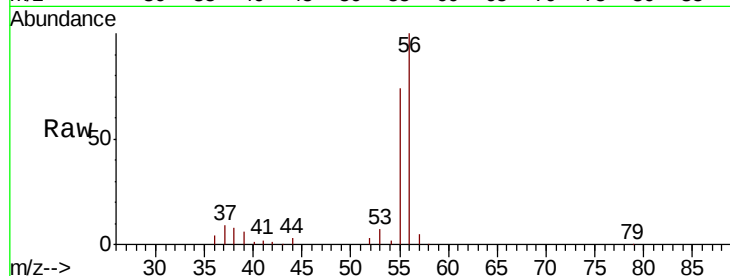
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 30985

Ion Ratio Lower Upper

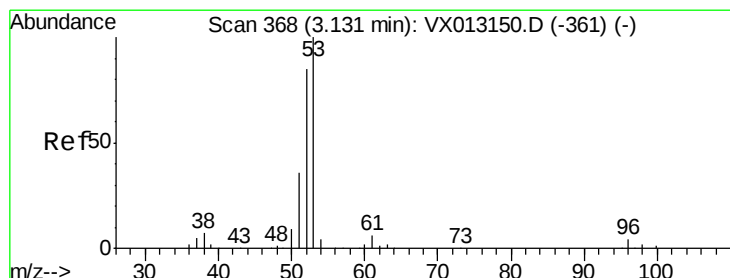
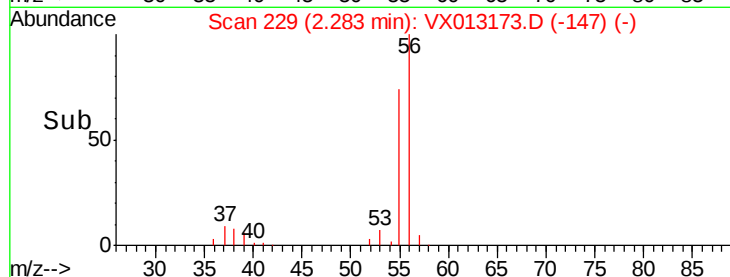
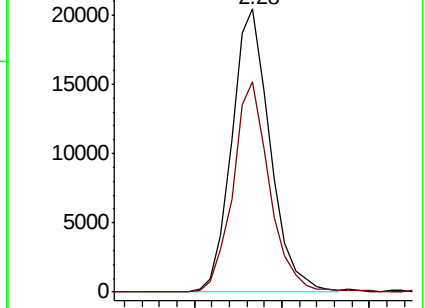
56 100

55 69.8 55.8 83.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Acrylonitrile

Concen: 88.087 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX013173.D

Acq: 22 Oct 2019 13:30

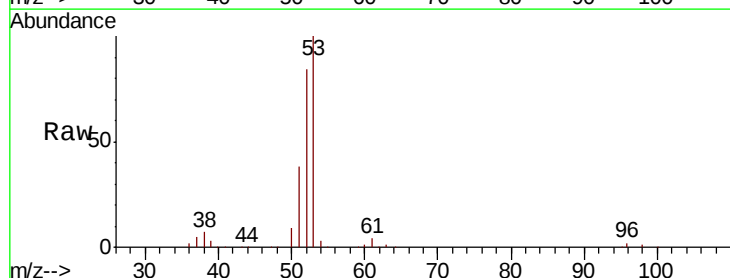
Tgt Ion: 53 Resp: 85731

Ion Ratio Lower Upper

53 100

52 81.7 42.0 126.0

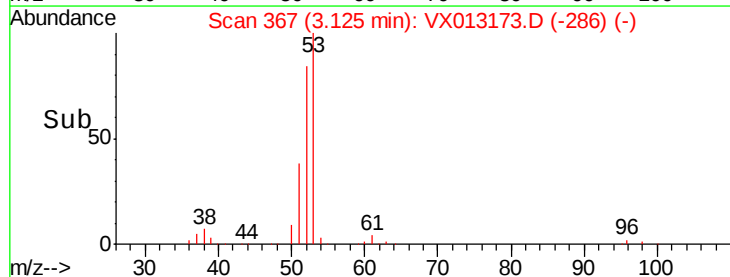
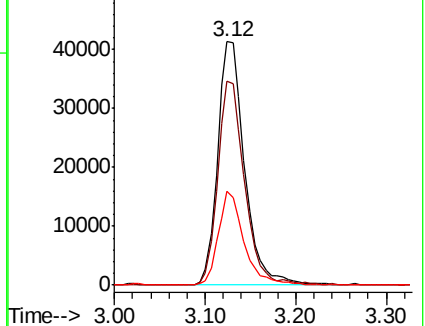
51 36.8 18.6 56.0

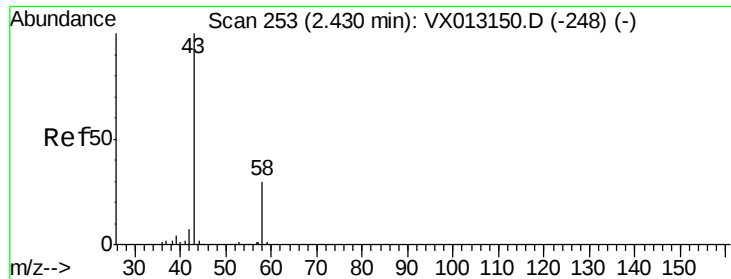


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#15

Acetone

Concen: 93.394 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX013173.D

Acq: 22 Oct 2019 13:30

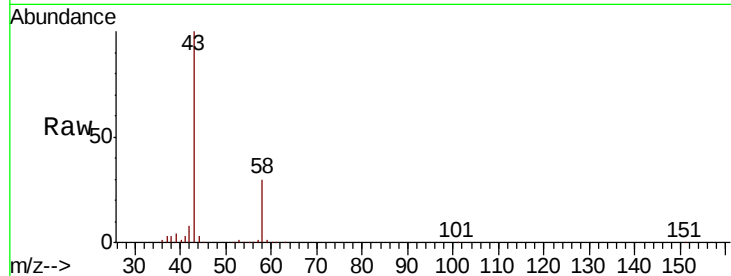
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 58 Resp: 29947

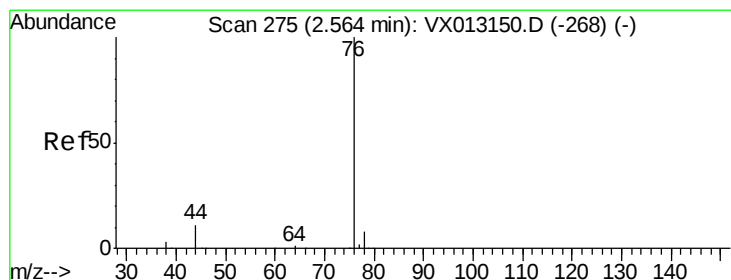
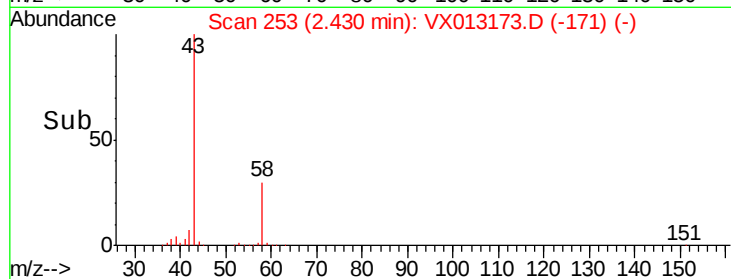
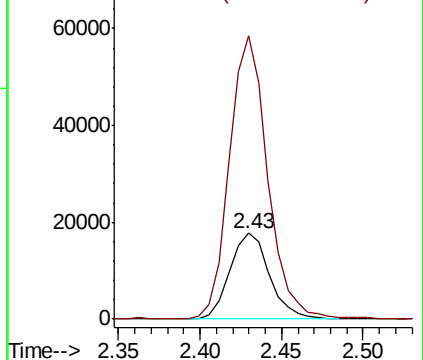
Ion Ratio Lower Upper

58 100

43 329.5 262.8 394.2



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



#16

Carbon Disulfide

Concen: 17.492 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.01 min

Lab File: VX013173.D

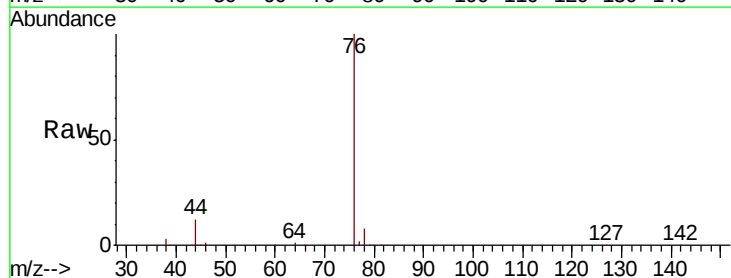
Acq: 22 Oct 2019 13:30

Tgt Ion: 76 Resp: 84181

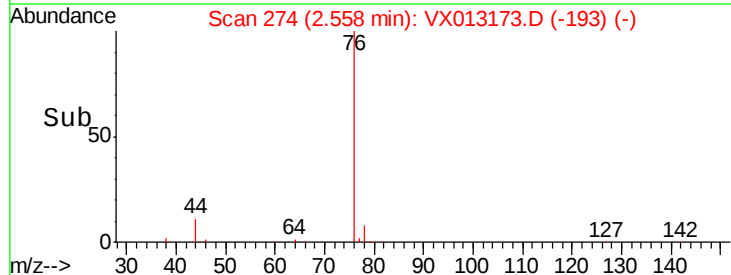
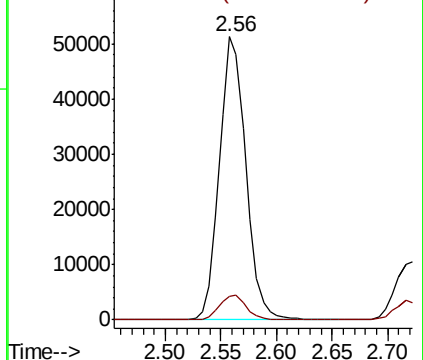
Ion Ratio Lower Upper

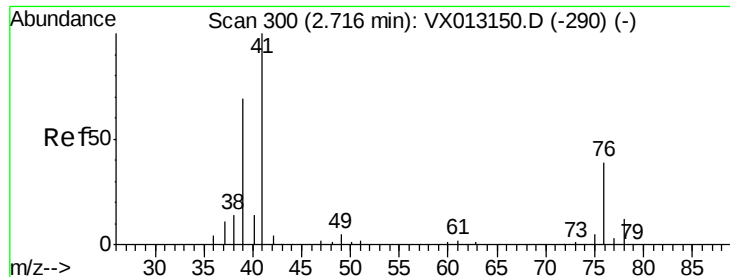
76 100

78 8.4 6.6 10.0



Abundance Ion 76.00 (75.70 to 76.70): VX0
Ion 78.00 (77.70 to 78.70): VX0

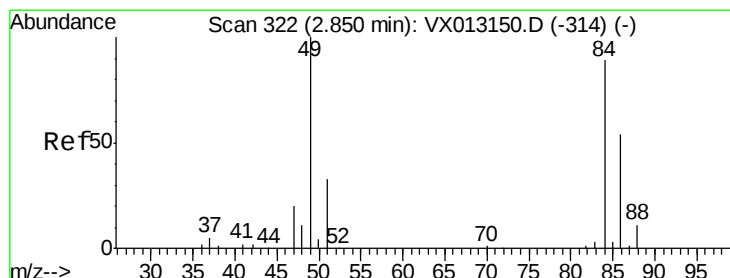
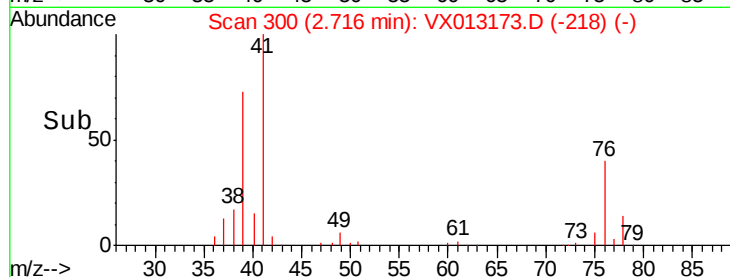
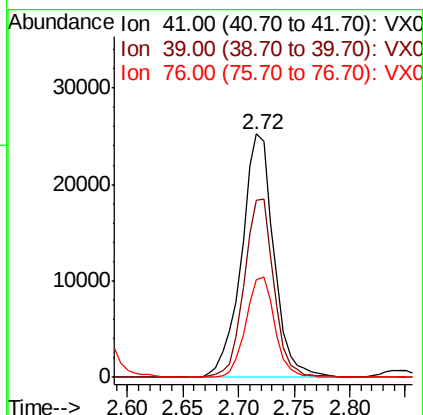
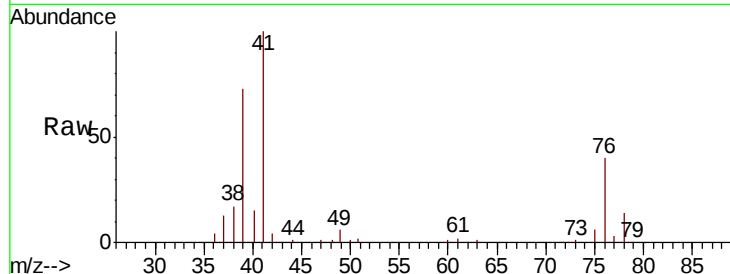




#17
Allvl chloride
Concen: 17.816 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX013173.D
Acq: 22 Oct 2019 13:30

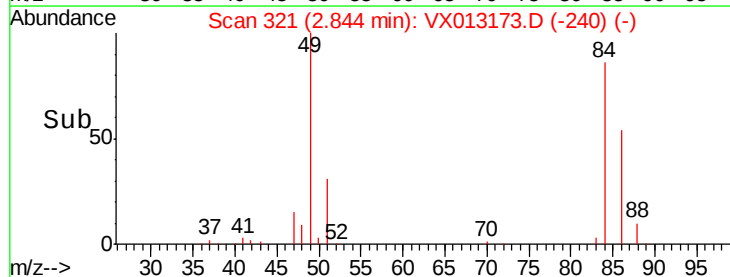
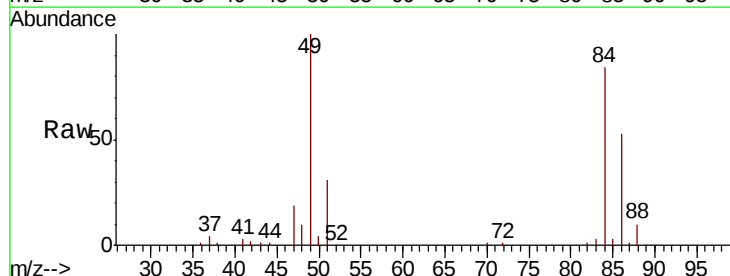
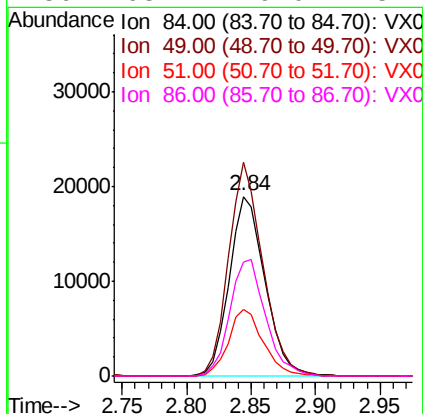
Instrument :
MSVOA_X
ClientSampleId :

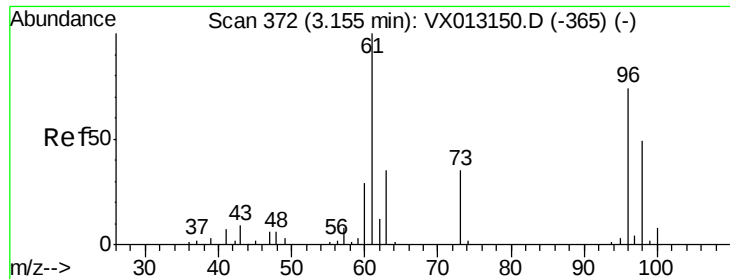
Tot Ion: 41 Resp: 51071
Ion Ratio Lower Upper
41 100
39 73.0 34.7 104.1
76 40.1 19.7 59.0



#18
Methylene Chloride
Concen: 17.547 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX013173.D
Acq: 22 Oct 2019 13:30

Tgt Ion: 84 Resp: 36615
Ion Ratio Lower Upper
84 100
49 118.9 90.3 135.5
51 36.8 29.9 44.9
86 63.4 49.0 73.4

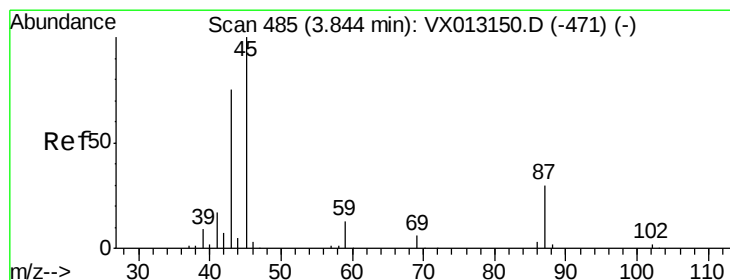
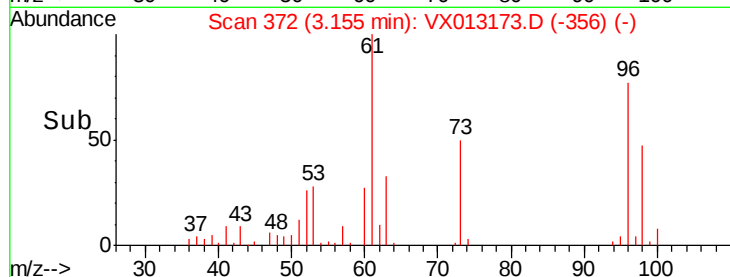
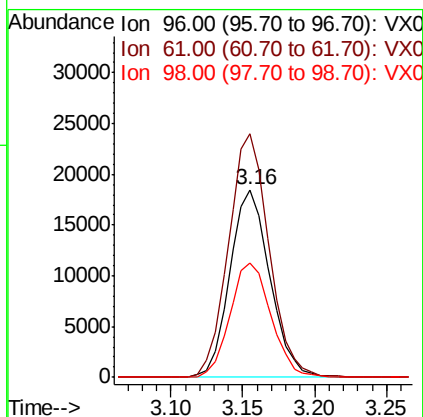
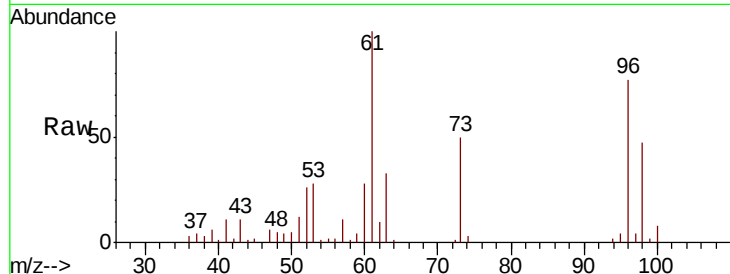




#19
trans-1,2-Dichloroethene
Concen: 18.732 ug/l
RT: 3.16 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX013173.D
Acq: 22 Oct 2019 13:30

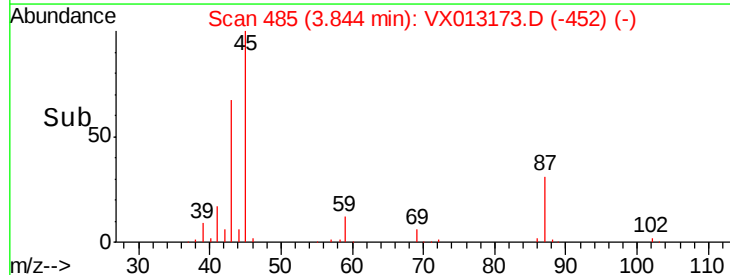
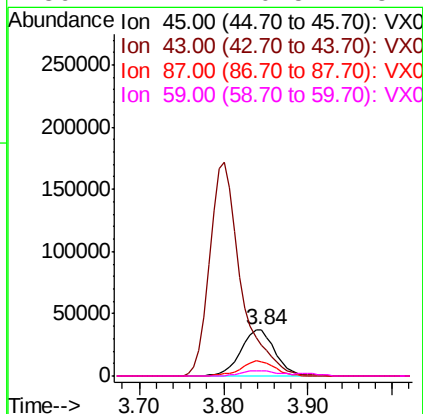
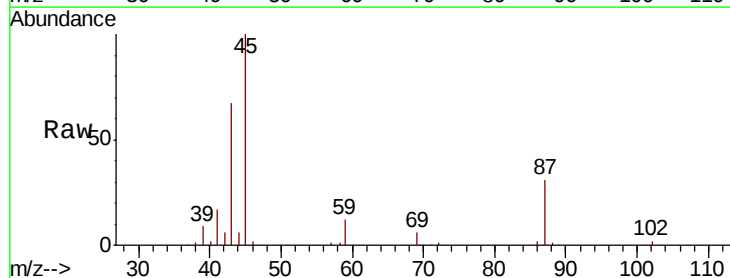
Instrument :
MSVOA_X
ClientSampleId :

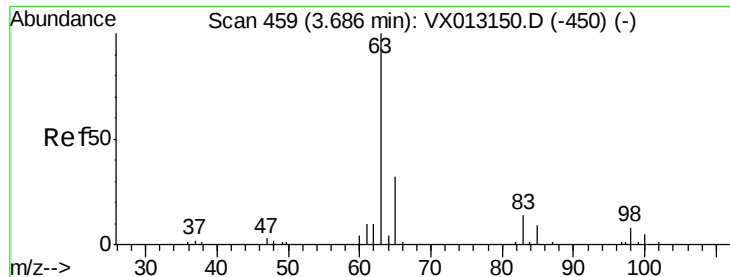
Tot Ion: 96 Resp: 35823
Ion Ratio Lower Upper
96 100
61 129.6 108.6 162.8
98 60.9 53.4 80.0



#20
Diisopropyl ether
Concen: 18.432 ug/l
RT: 3.84 min Scan# 485
Delta R.T. 0.00 min
Lab File: VX013173.D
Acq: 22 Oct 2019 13:30

Tgt Ion: 45 Resp: 102197
Ion Ratio Lower Upper
45 100
43 66.0 60.6 91.0
87 30.8 24.2 36.2
59 12.4 10.5 15.7

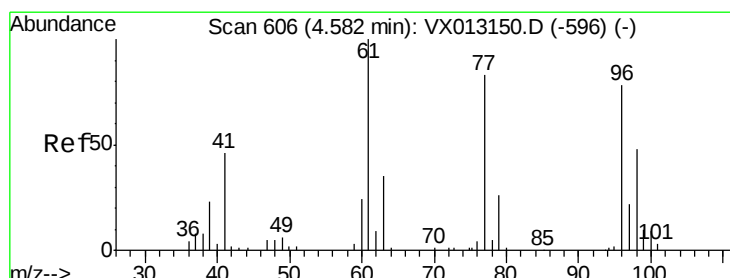
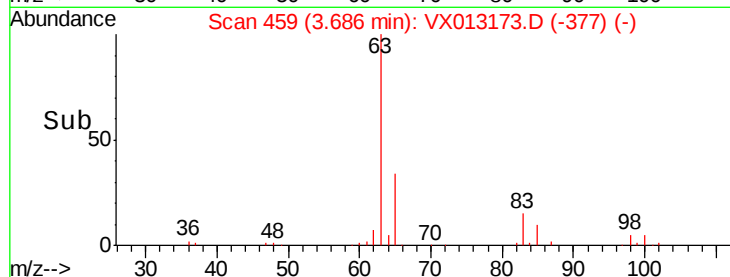
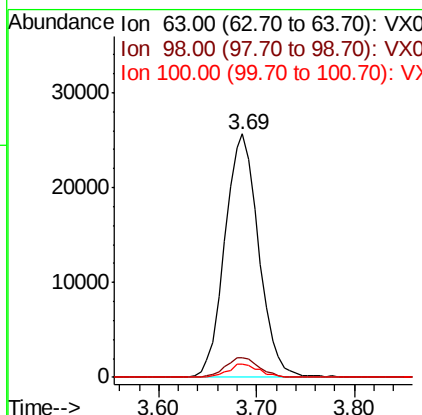
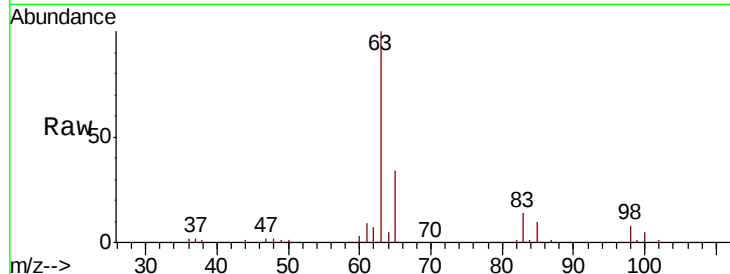




#21
 1,1-Dichloroethane
 Concen: 18.287 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. 0.00 min
 Lab File: VX013173.D
 Acq: 22 Oct 2019 13:30

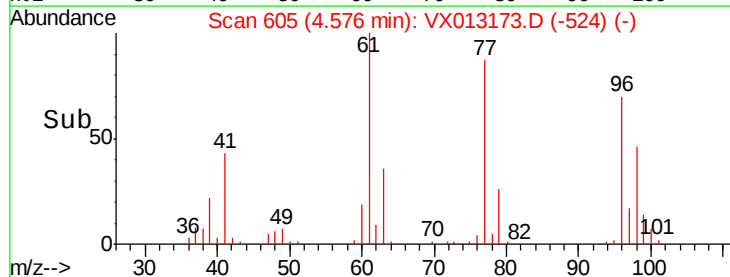
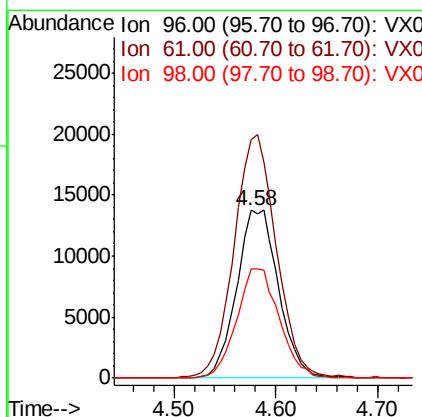
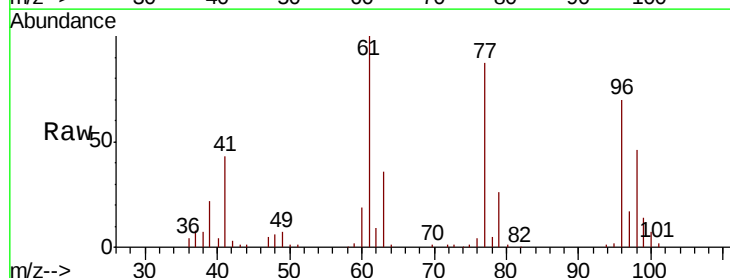
Instrument :
 MSVOA_X
 ClientSampleId :

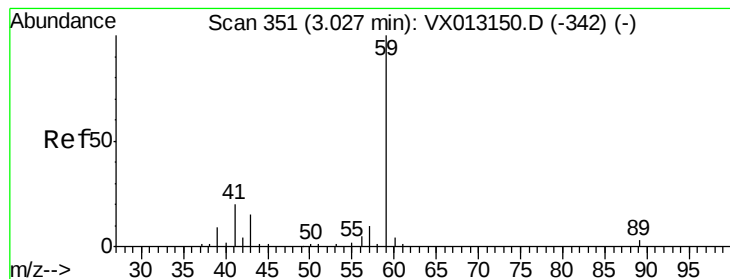
Tot Ion: 63 Resp: 61562
 Ion Ratio Lower Upper
 63 100
 98 8.2 4.2 12.4
 100 5.3 2.4 7.2



#22
 cis-1,2-Dichloroethene
 Concen: 18.012 ug/l
 RT: 4.58 min Scan# 605
 Delta R.T. -0.01 min
 Lab File: VX013173.D
 Acq: 22 Oct 2019 13:30

Tgt Ion: 96 Resp: 39278
 Ion Ratio Lower Upper
 96 100
 61 144.4 112.5 168.7
 98 66.2 51.2 76.8



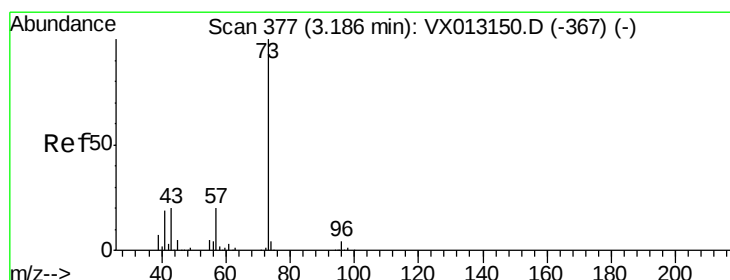
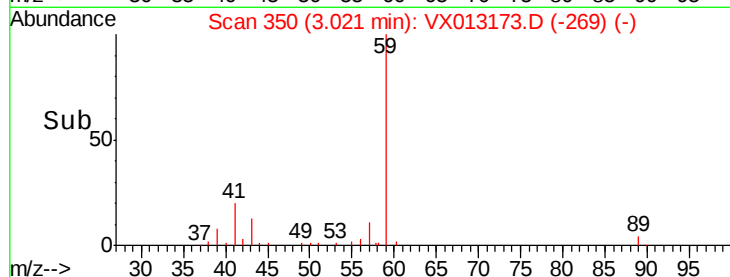
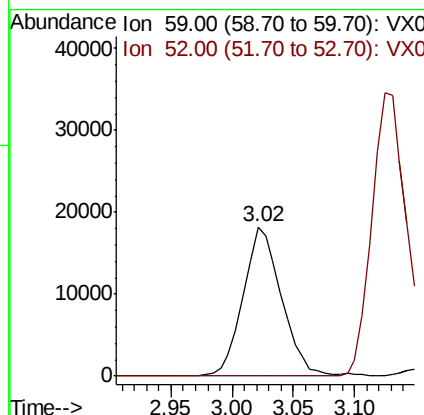
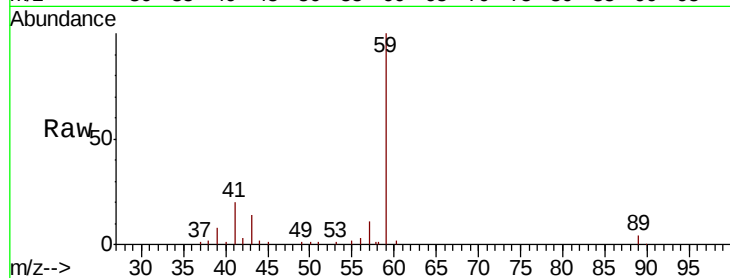


#23

tert-Butyl Alcohol
 Concen: 77.414 ug/l
 RT: 3.02 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VX013173.D
 Acq: 22 Oct 2019 13:30

Instrument :
 MSVOA_X
 ClientSampleId :

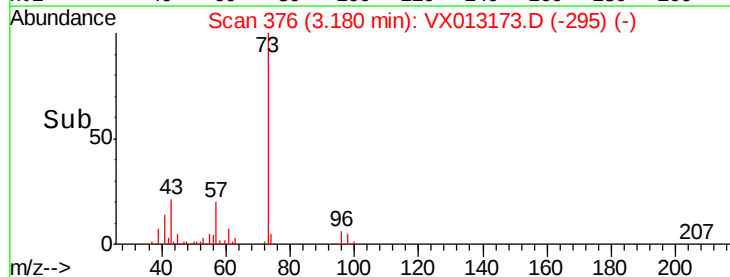
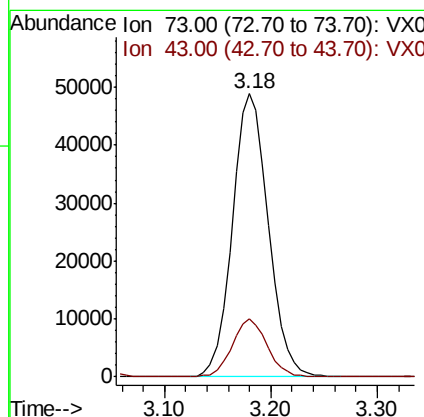
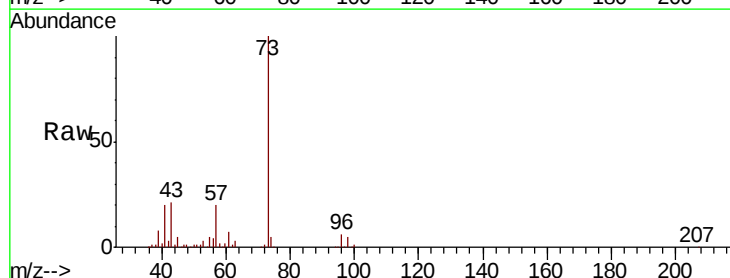
Tot Ion: 59 Resp: 39695
 Ion Ratio Lower Upper
 59 100
 52 0.1 0.0 0.0#

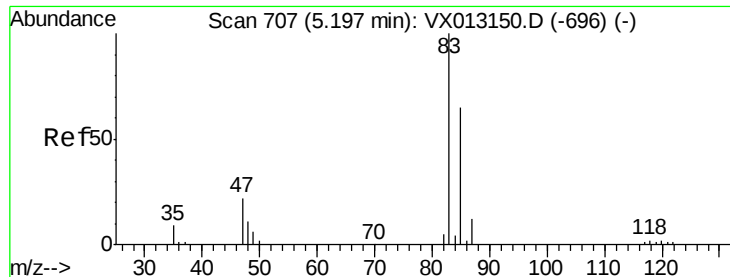


#24

Methyl tert-Butyl Ether
 Concen: 18.573 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX013173.D
 Acq: 22 Oct 2019 13:30

Tgt Ion: 73 Resp: 115437
 Ion Ratio Lower Upper
 73 100
 43 20.0 17.1 25.7

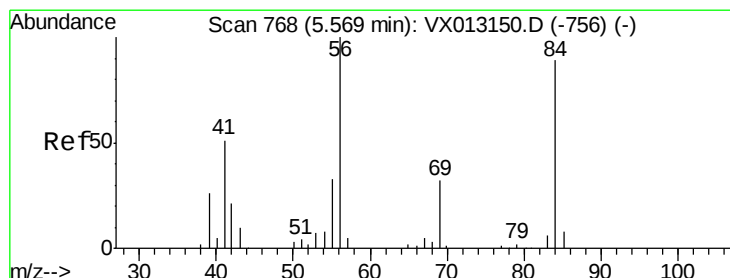
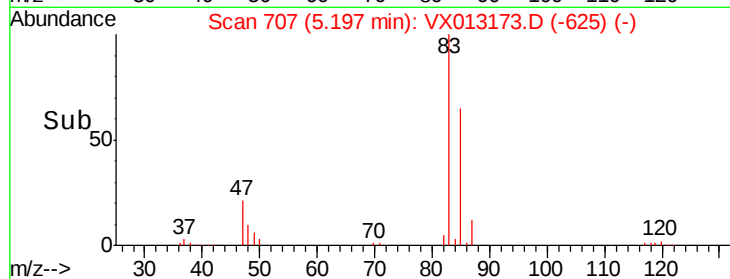
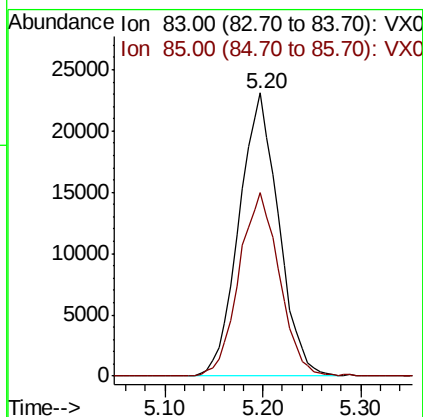
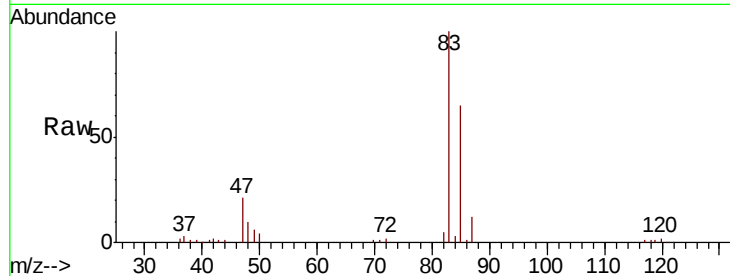




#25
Chloroform
Concen: 18.385 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX013173.D
Acq: 22 Oct 2019 13:30

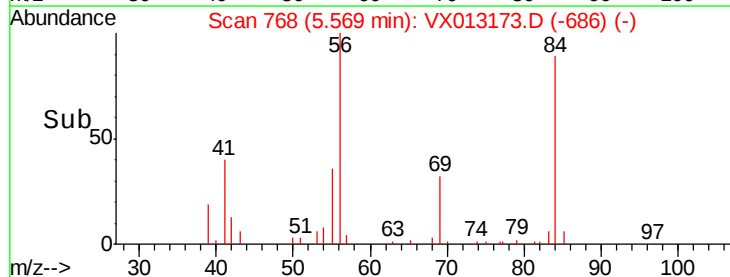
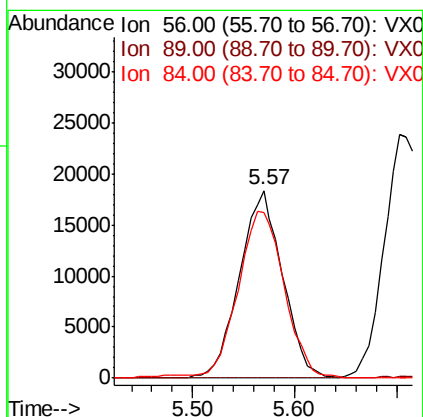
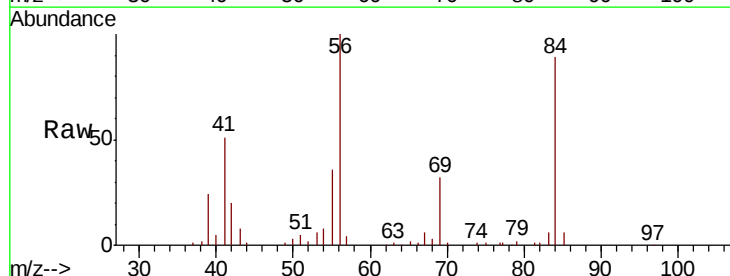
Instrument :
MSVOA_X
ClientSampled :

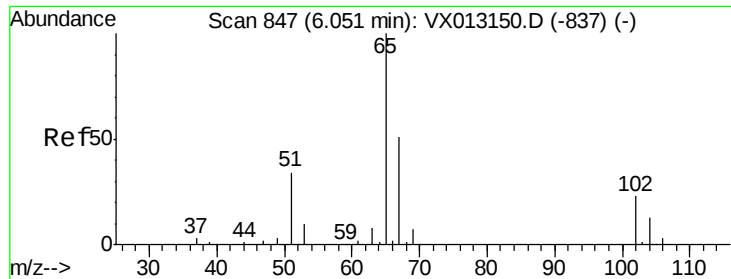
Tot Ion: 83 Resp: 65039
Ion Ratio Lower Upper
83 100
85 65.0 52.0 78.0



#26
Cyclohexane
Concen: 18.200 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX013173.D
Acq: 22 Oct 2019 13:30

Tgt Ion: 56 Resp: 53760
Ion Ratio Lower Upper
56 100
89 0.3 0.2 0.2#
84 94.9 74.0 111.0

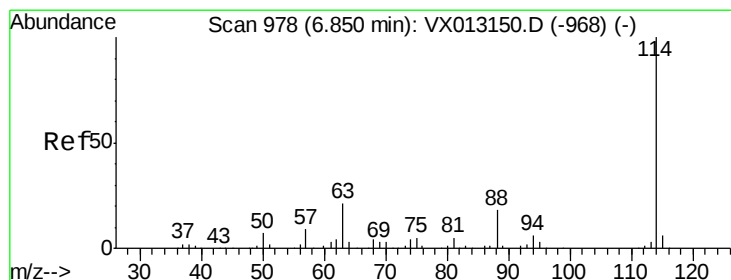
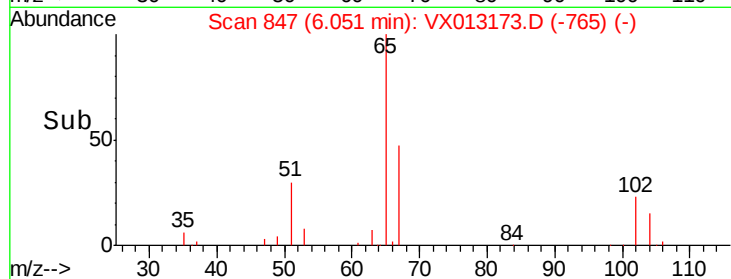
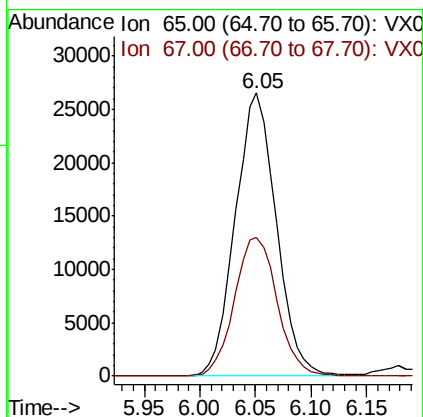
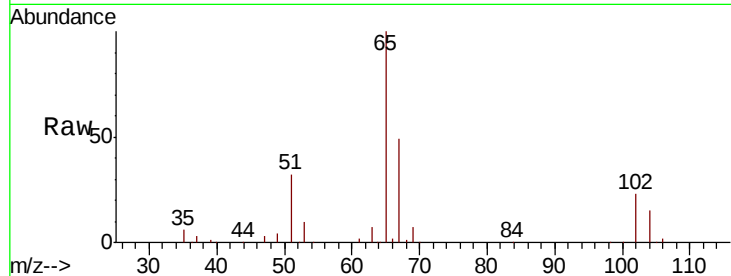




#27
 1,2-Dichloroethane-d4
 Concen: 29.386 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX013173.D
 Acq: 22 Oct 2019 13:30

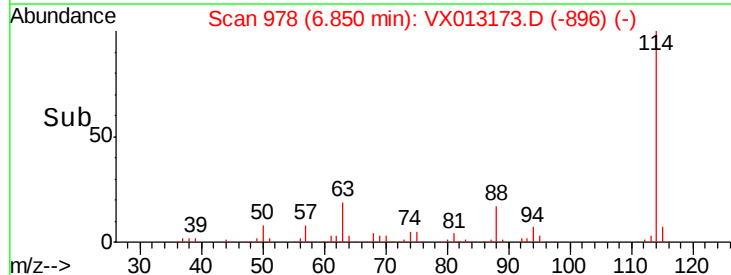
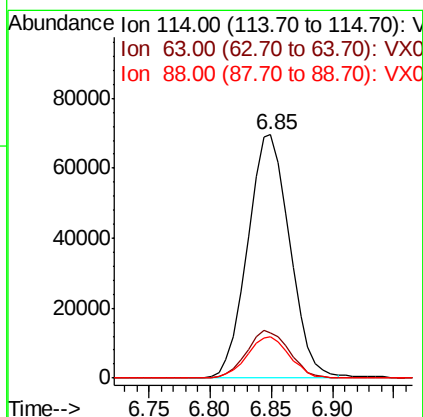
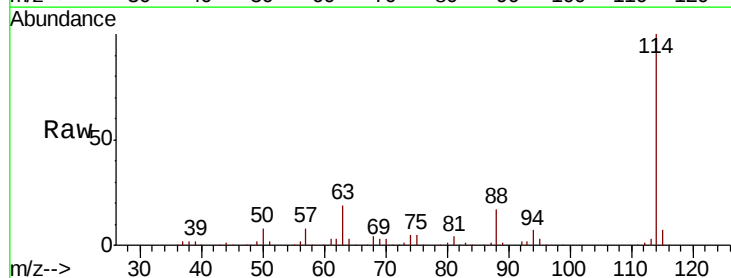
Instrument :
 MSVOA_X
 ClientSampleId :

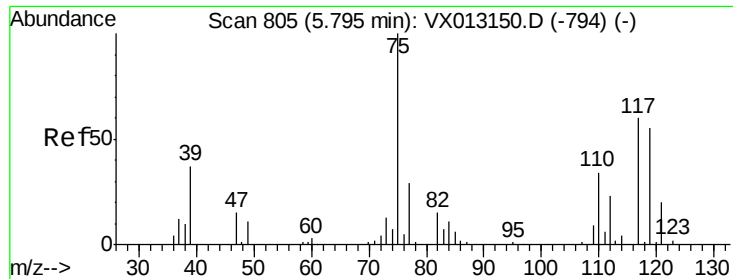
Tot Ion: 65 Resp: 67959
 Ion Ratio Lower Upper
 65 100
 67 51.2 42.2 63.4



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013173.D
 Acq: 22 Oct 2019 13:30

Tgt Ion: 114 Resp: 166526
 Ion Ratio Lower Upper
 114 100
 63 20.0 16.1 24.1
 88 17.1 13.7 20.5

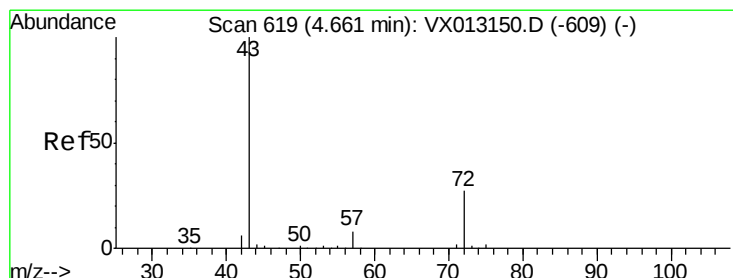
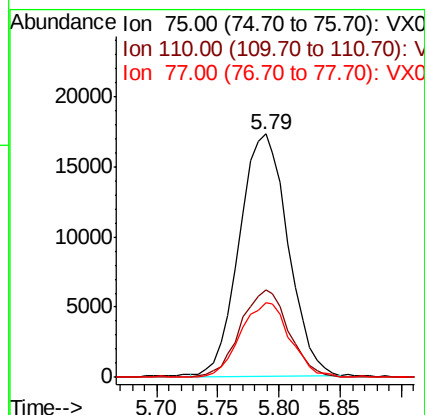
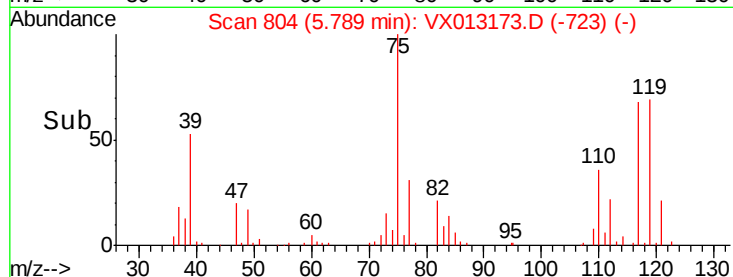
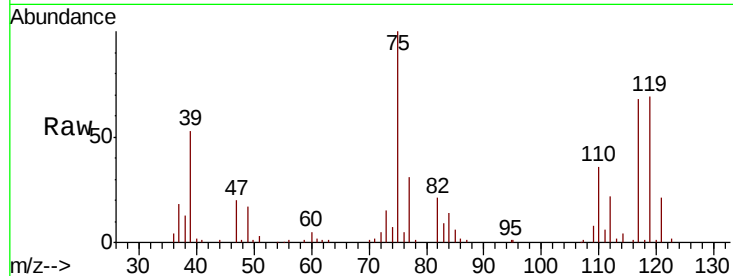




#29
 1,1-Dichloropropene
 Concen: 18.403 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX013173.D
 Acq: 22 Oct 2019 13:30

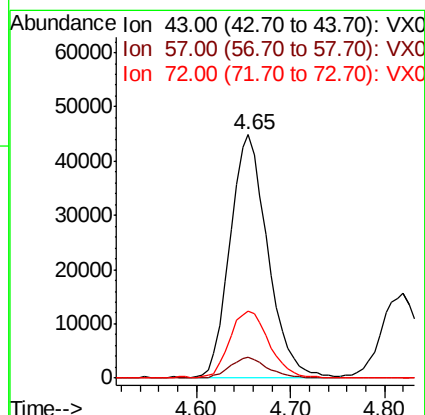
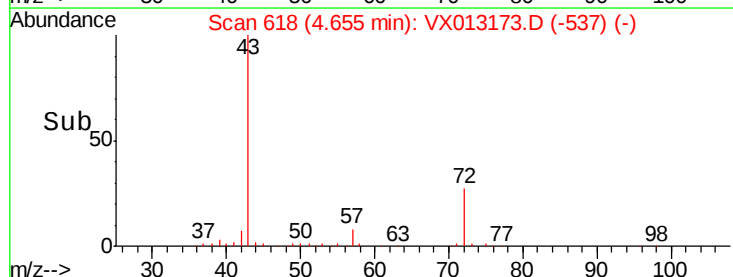
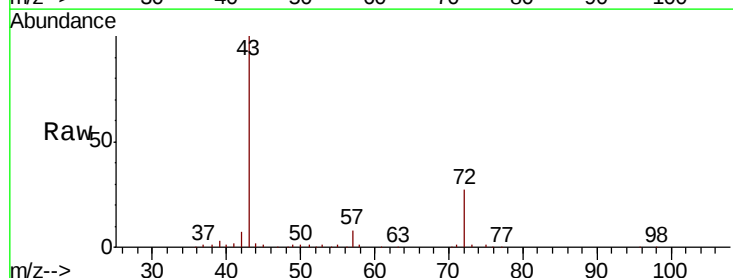
Instrument :
 MSVOA_X
 ClientSampleId :

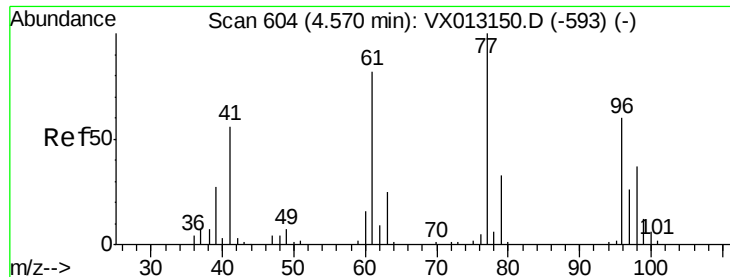
Tot Ion: 75 Resp: 47607
 Ion Ratio Lower Upper
 75 100
 110 36.1 0.0 68.4
 77 31.0 0.0 30.8#



#30
 2-Butanone
 Concen: 91.180 ug/l
 RT: 4.65 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: VX013173.D
 Acq: 22 Oct 2019 13:30

Tgt Ion: 43 Resp: 123731
 Ion Ratio Lower Upper
 43 100
 57 8.5 7.0 10.6
 72 29.2 23.4 35.2





#31

2,2-Dichloropropane

Concen: 19.126 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX013173.D

Acq: 22 Oct 2019 13:30

Instrument :

MSVOA_X

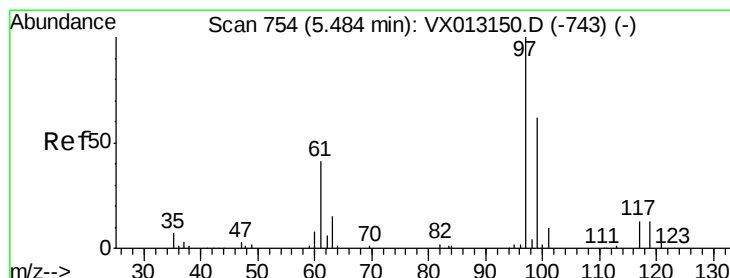
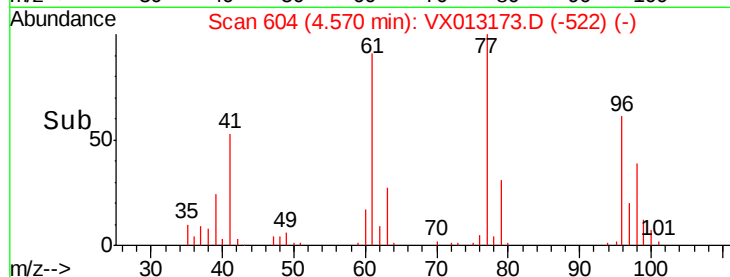
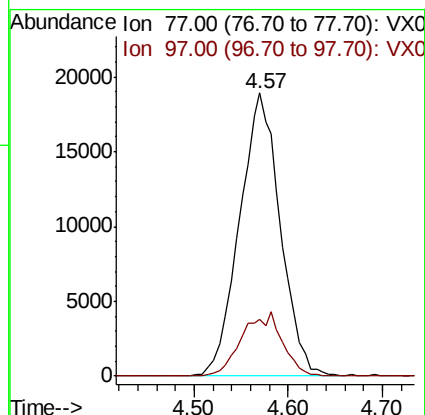
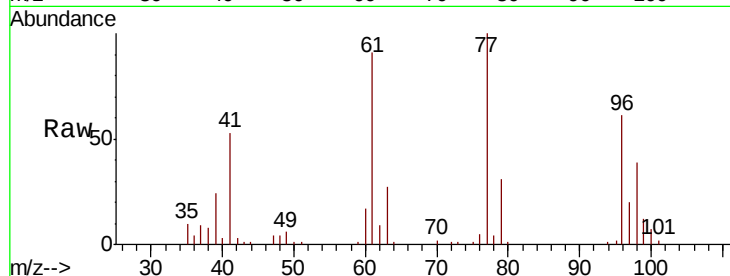
ClientSampled :

Tot Ion: 77 Resp: 57206

Ion Ratio Lower Upper

77 100

97 14.0 19.1 28.7#



#32

1,1,1-Trichloroethane

Concen: 18.858 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX013173.D

Acq: 22 Oct 2019 13:30

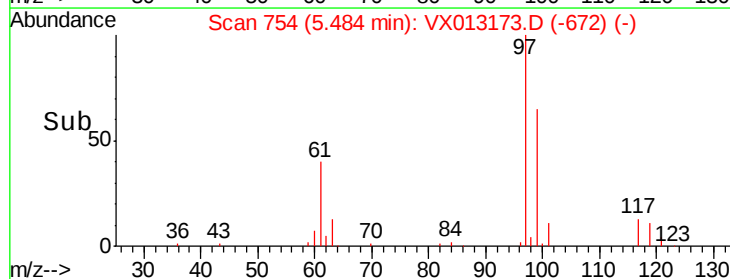
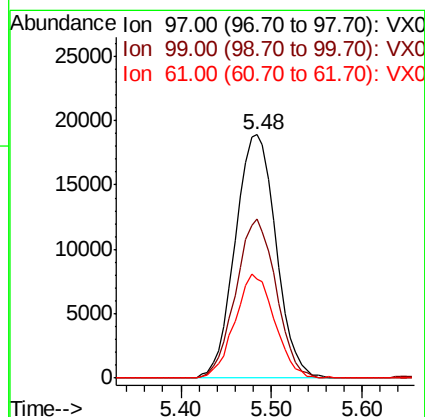
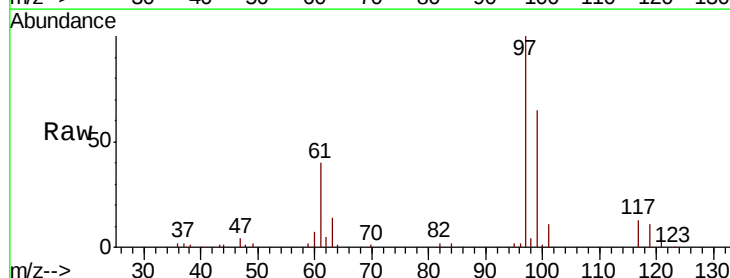
Tgt Ion: 97 Resp: 59034

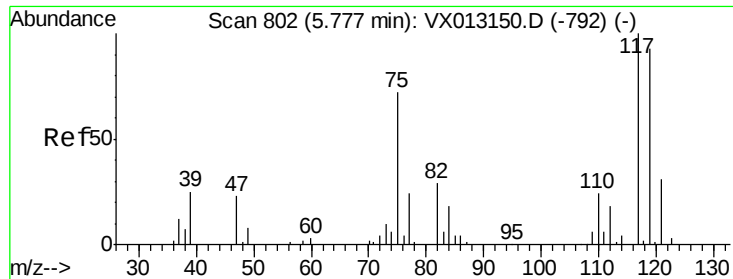
Ion Ratio Lower Upper

97 100

99 64.6 51.8 77.8

61 41.7 33.5 50.3

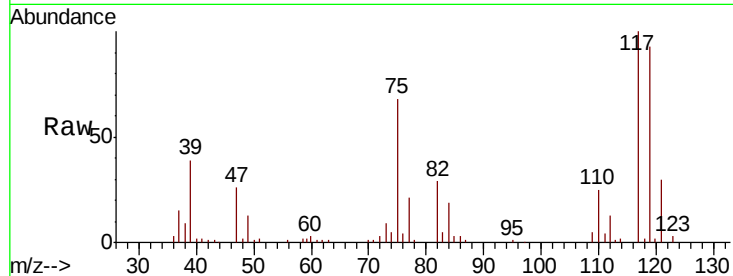




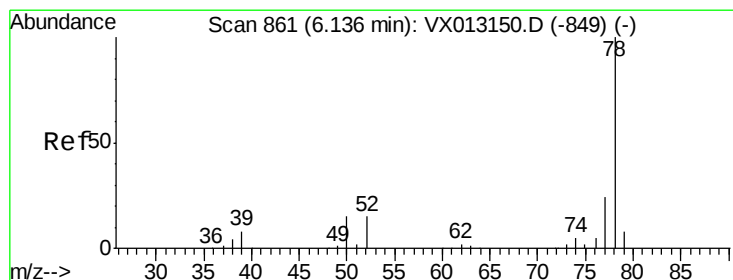
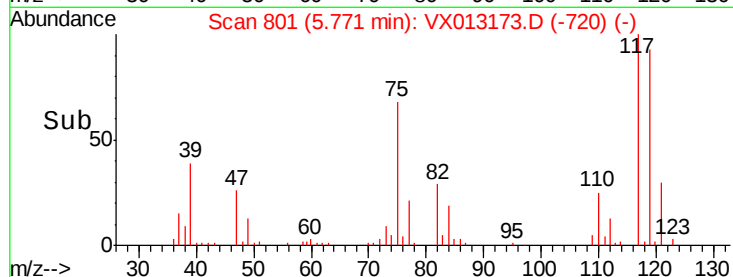
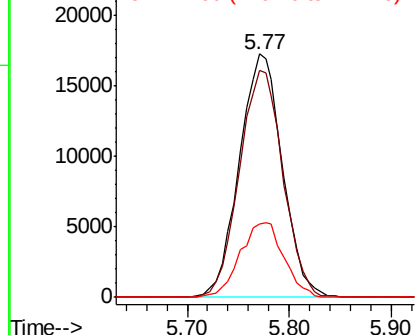
#33
Carbon Tetrachloride
Concen: 18.730 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013173.D
Acq: 22 Oct 2019 13:30

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 50395
Ion Ratio Lower Upper
117 100
119 93.5 74.9 112.3
121 30.2 25.0 37.4

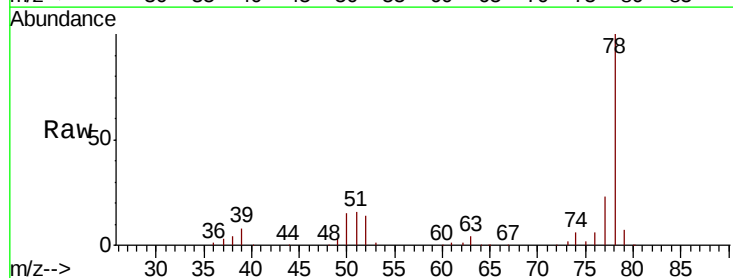


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V

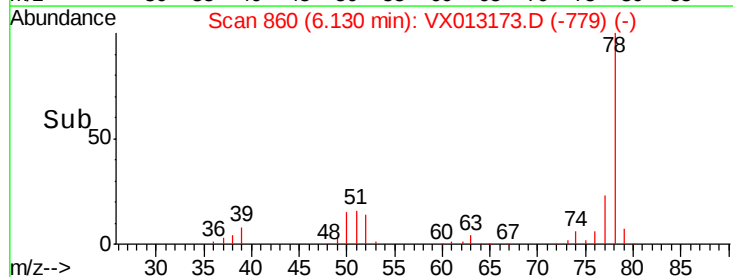
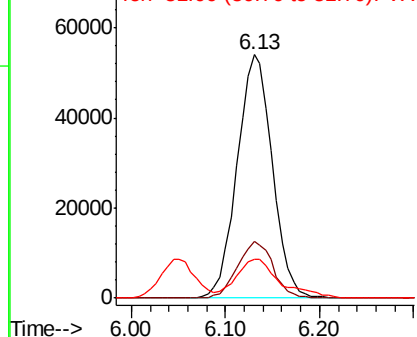


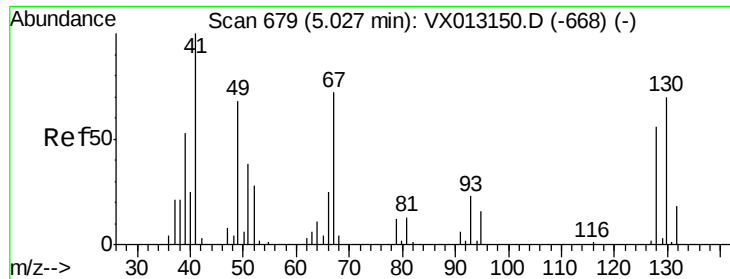
#34
Benzene
Concen: 18.901 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX013173.D
Acq: 22 Oct 2019 13:30

Tgt Ion: 78 Resp: 140765
Ion Ratio Lower Upper
78 100
77 23.5 19.3 28.9
51 15.7 11.4 17.2



Abundance Ion 78.10 (77.80 to 78.80): VX0
Ion 77.00 (76.70 to 77.70): VX0
Ion 51.00 (50.70 to 51.70): VX0

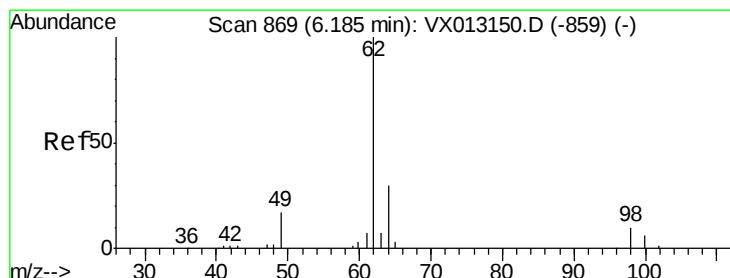
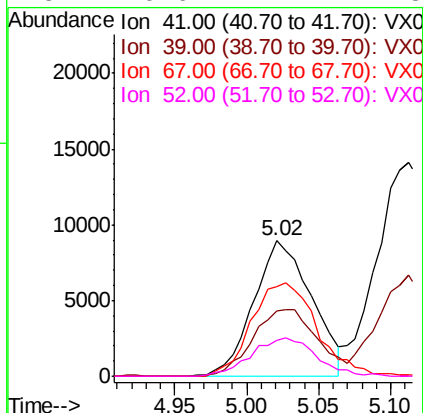
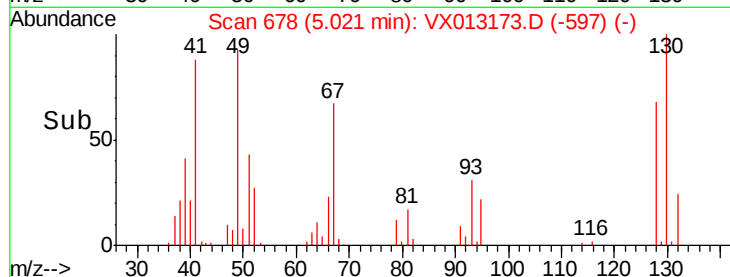
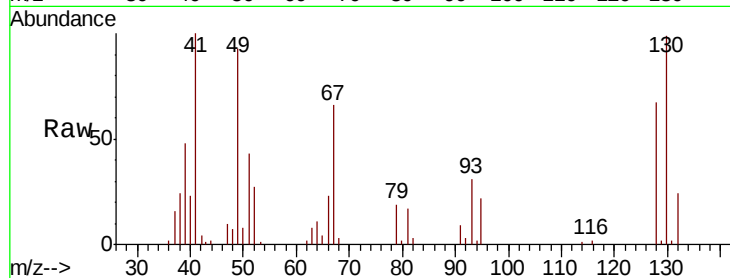




#35
Methacrylonitrile
Concen: 18.018 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX013173.D
Acq: 22 Oct 2019 13:30

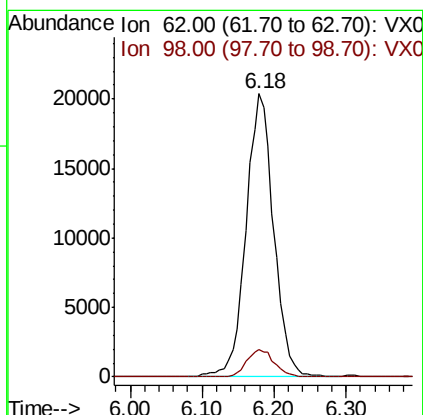
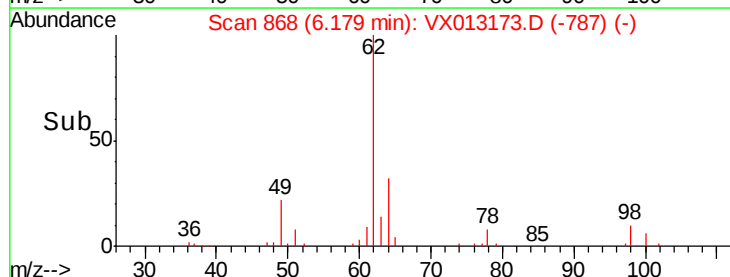
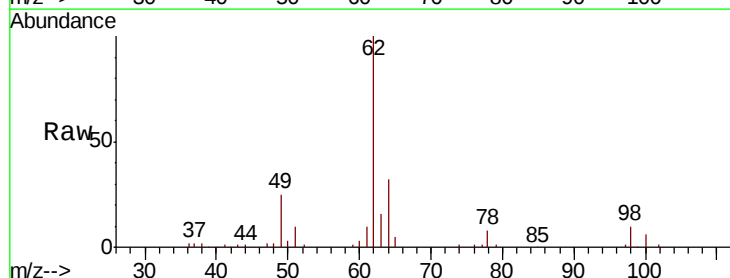
Instrument :
MSVOA_X
ClientSampleId :

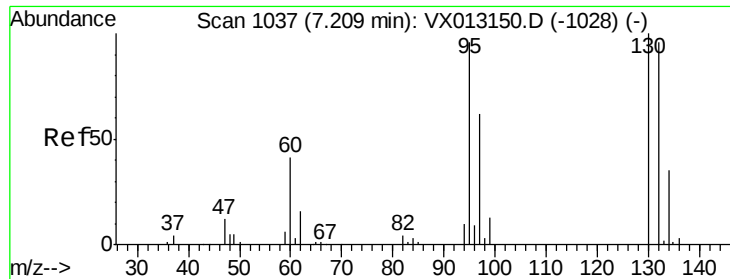
Tot Ion: 41 Resp: 25075
Ion Ratio Lower Upper
41 100
39 48.1 26.3 78.9
67 66.3 35.8 107.4
52 26.6 14.1 42.3



#36
1,2-Dichloroethane
Concen: 19.265 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX013173.D
Acq: 22 Oct 2019 13:30

Tgt Ion: 62 Resp: 54237
Ion Ratio Lower Upper
62 100
98 9.5 8.0 12.0

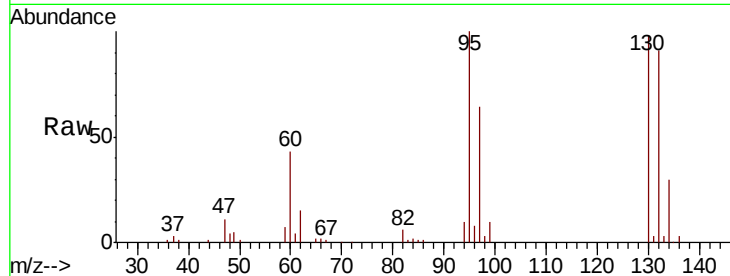




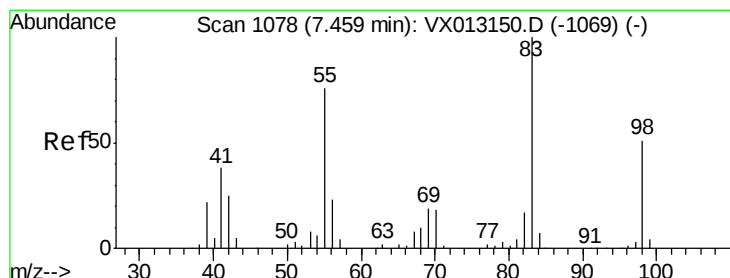
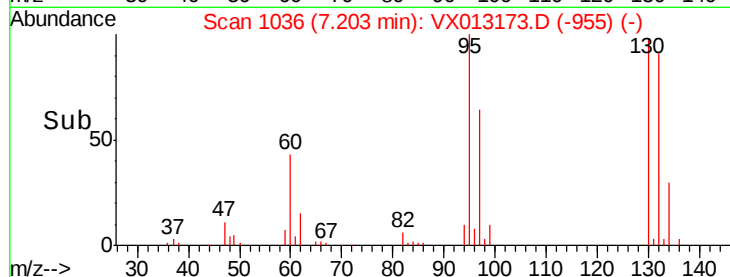
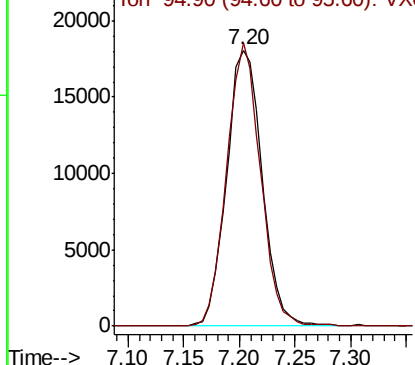
#37
 Trichloroethene
 Concen: 19.383 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX013173.D
 Acq: 22 Oct 2019 13:30

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:130 Resp: 40040
 Ion Ratio Lower Upper
 130 100
 95 102.5 77.0 115.6

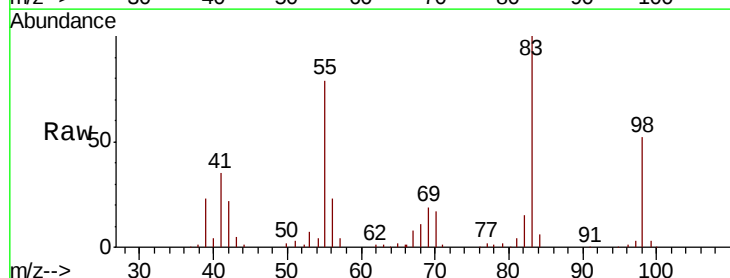


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

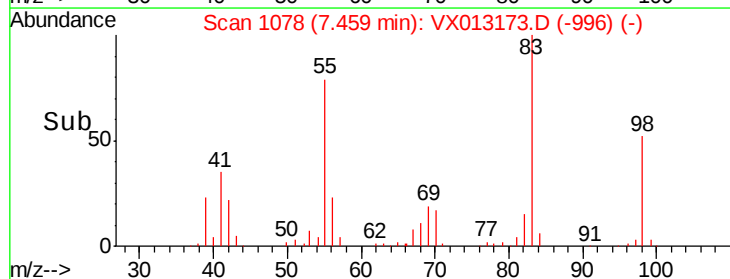
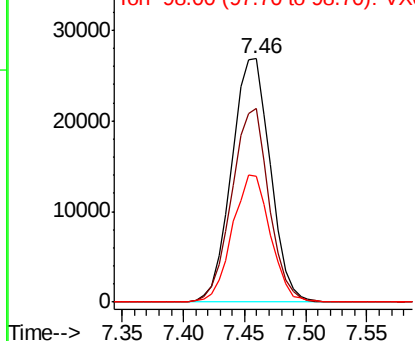


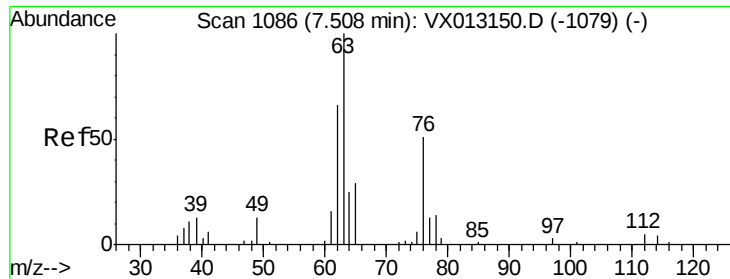
#38
 Methylcyclohexane
 Concen: 18.732 ug/l
 RT: 7.46 min Scan# 1078
 Delta R.T. 0.00 min
 Lab File: VX013173.D
 Acq: 22 Oct 2019 13:30

Tgt Ion: 83 Resp: 59098
 Ion Ratio Lower Upper
 83 100
 55 76.1 37.5 112.5
 98 51.0 25.4 76.0



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

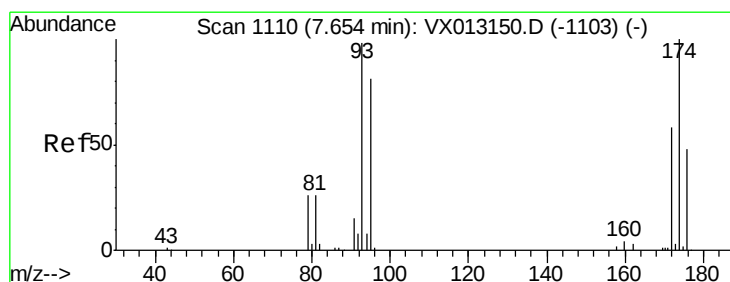
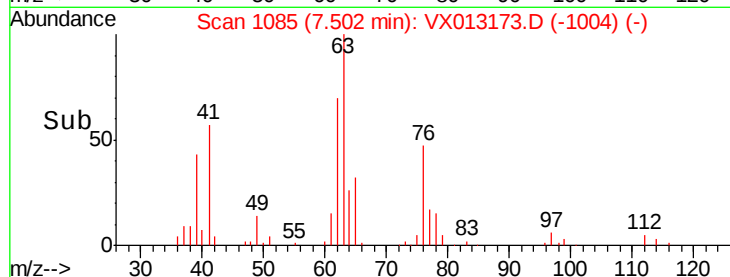
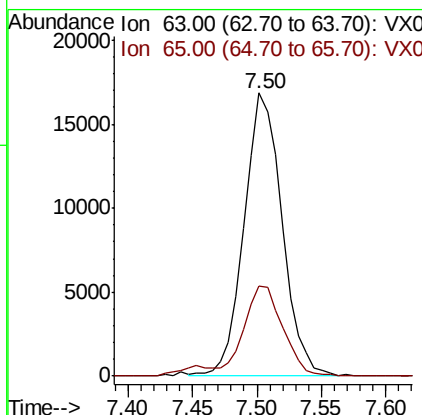
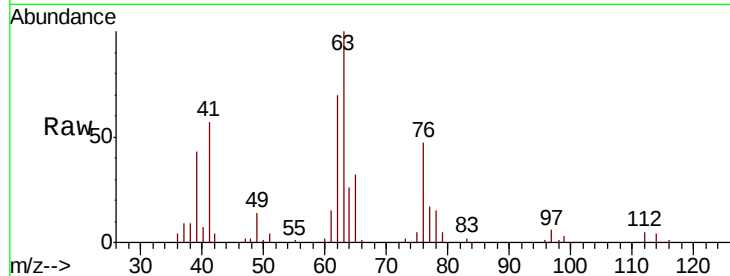




#39
 1,2-Dichloropropane
 Concen: 18.842 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX013173.D
 Acq: 22 Oct 2019 13:30

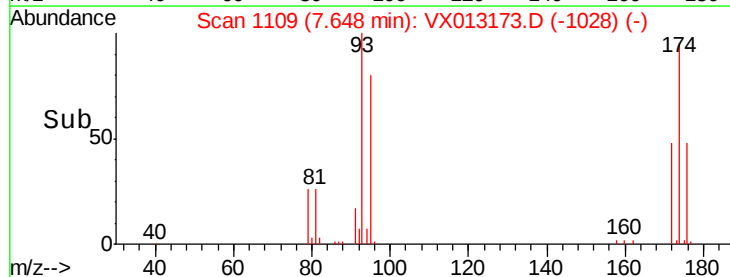
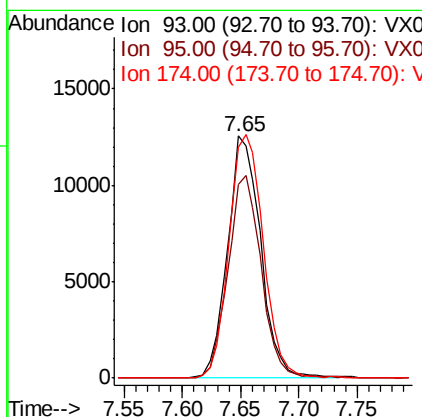
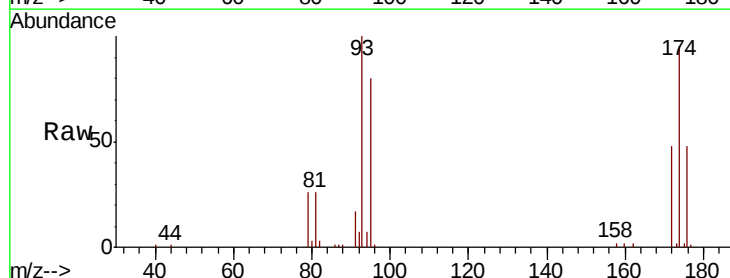
Instrument :
 MSVOA_X
 ClientSampleId :

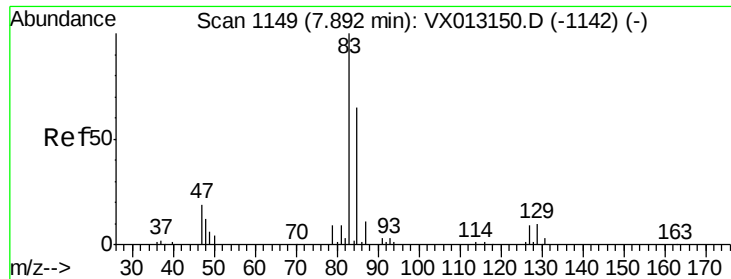
Tot Ion: 63 Resp: 34443
 Ion Ratio Lower Upper
 63 100
 65 31.9 24.8 37.2



#40
 Dibromomethane
 Concen: 19.047 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX013173.D
 Acq: 22 Oct 2019 13:30

Tgt Ion: 93 Resp: 24870
 Ion Ratio Lower Upper
 93 100
 95 83.1 0.0 166.0
 174 104.5 0.0 208.8





#41

Bromodichloromethane

Concen: 18.996 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX013173.D

Acq: 22 Oct 2019 13:30

Instrument :

MSVOA_X

ClientSampleId :

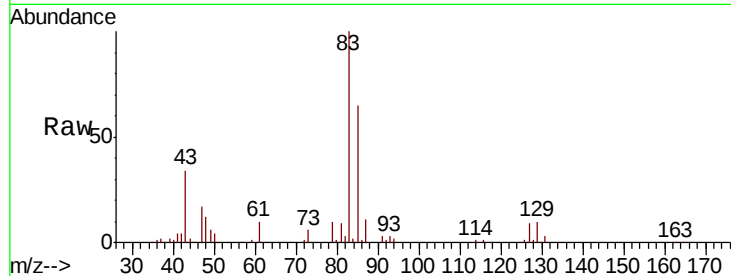
Tot Ion: 83 Resp: 50011

Ion Ratio Lower Upper

83 100

85 65.0 52.1 78.1

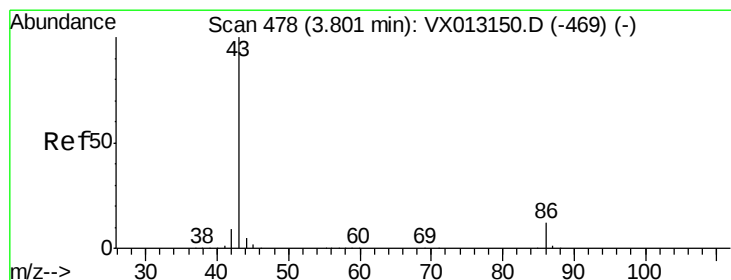
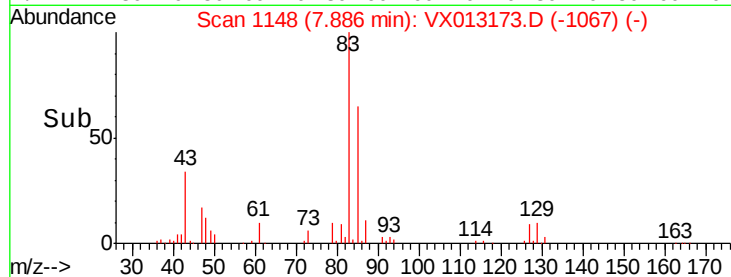
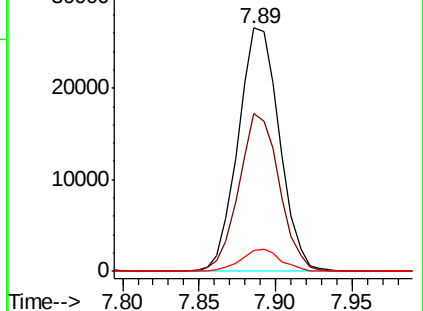
127 8.7 7.5 11.3



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: 93.721 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013173.D

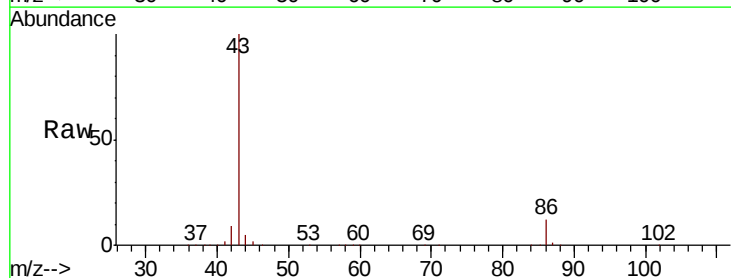
Acq: 22 Oct 2019 13:30

Tgt Ion: 43 Resp: 441024

Ion Ratio Lower Upper

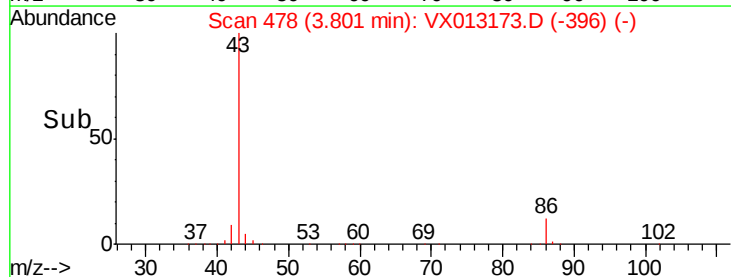
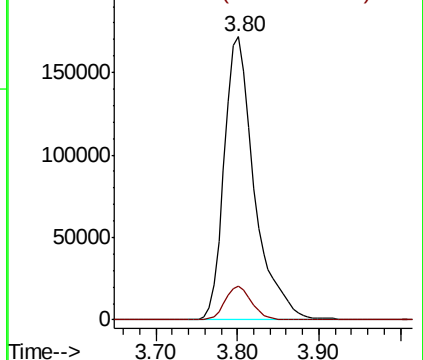
43 100

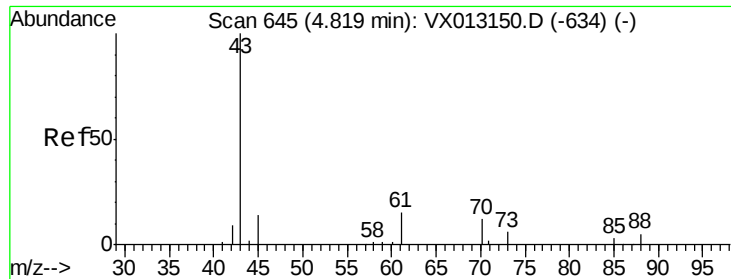
86 10.5 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#43

Ethyl Acetate

Concen: 18.777 ug/l

RT: 4.82 min Scan# 645

Delta R.T. 0.00 min

Lab File: VX013173.D

Acq: 22 Oct 2019 13:30

Instrument :

MSVOA_X

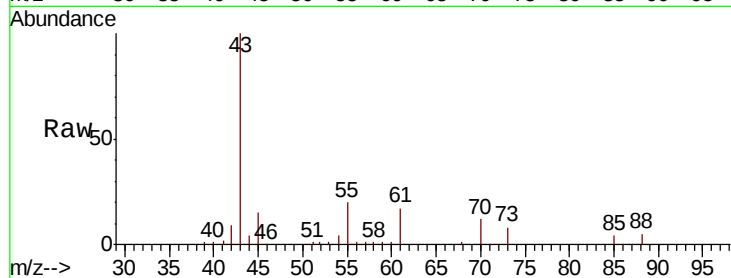
ClientSampled :

Tot Ion: 43 Resp: 46473

Ion Ratio Lower Upper

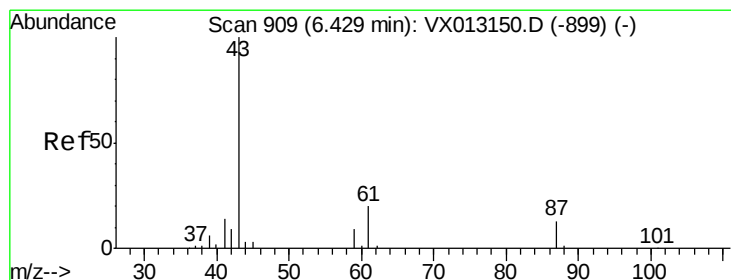
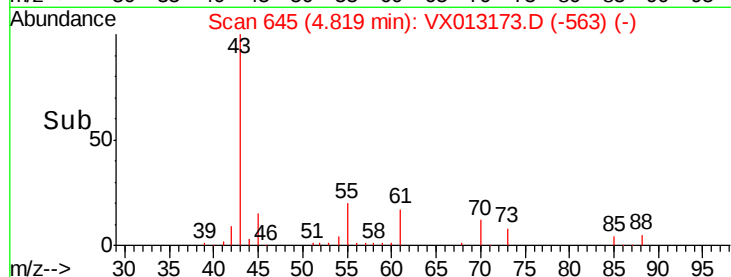
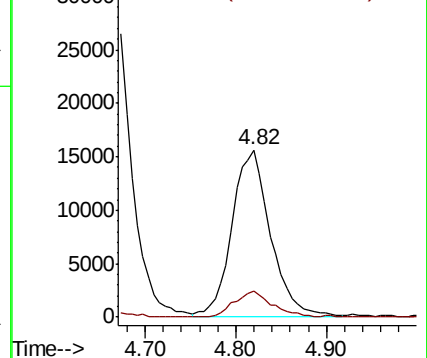
43 100

45 15.1 12.6 18.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#44

Isopropyl Acetate

Concen: 18.538 ug/l

RT: 6.43 min Scan# 909

Delta R.T. 0.00 min

Lab File: VX013173.D

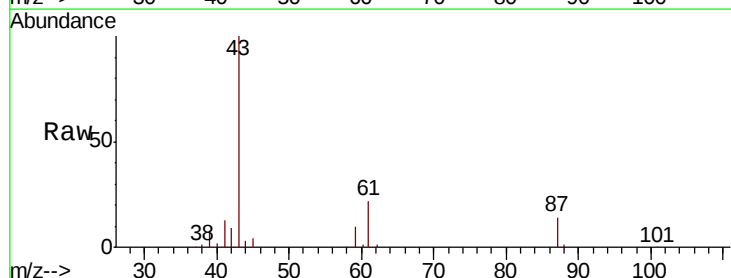
Acq: 22 Oct 2019 13:30

Tgt Ion: 43 Resp: 77113

Ion Ratio Lower Upper

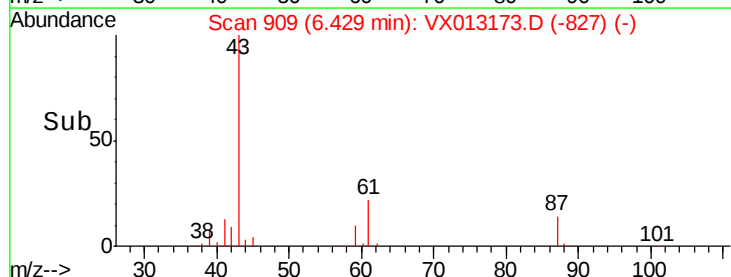
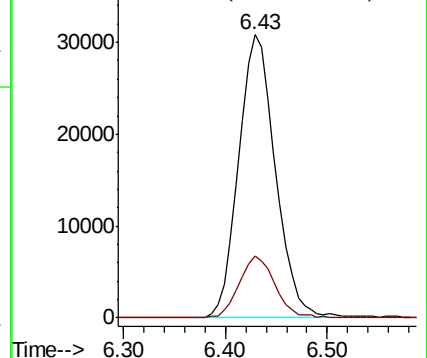
43 100

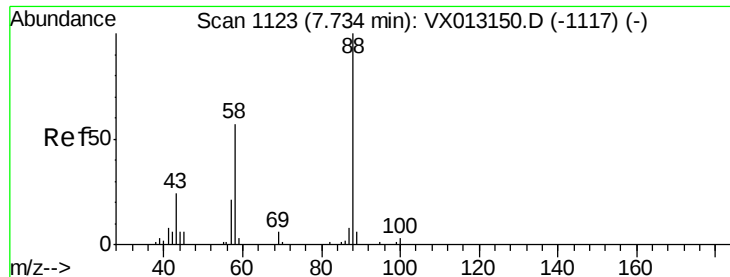
61 20.9 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

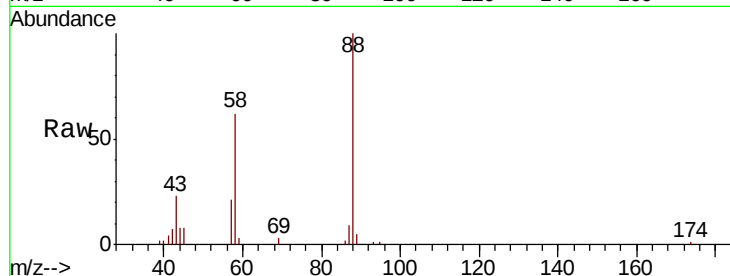




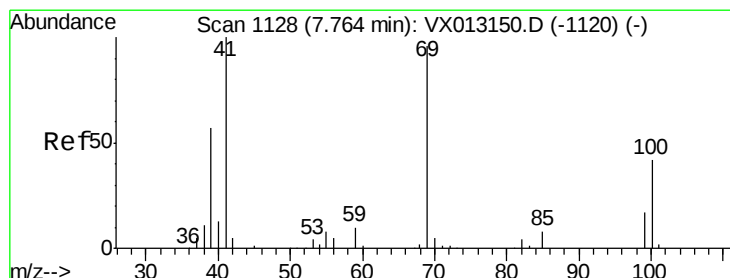
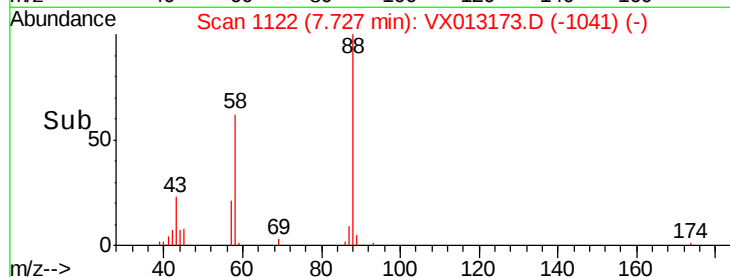
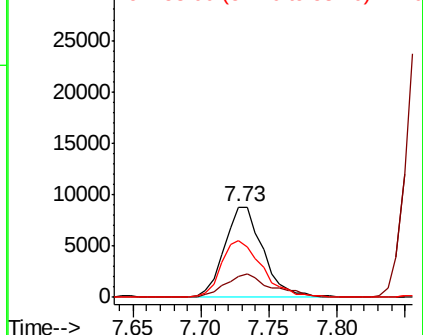
#45
1,4-Dioxane
Concen: 331.370 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX013173.D
Acq: 22 Oct 2019 13:30

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 17432
Ion Ratio Lower Upper
88 100
43 31.0 24.0 36.0
58 67.1 52.8 79.2

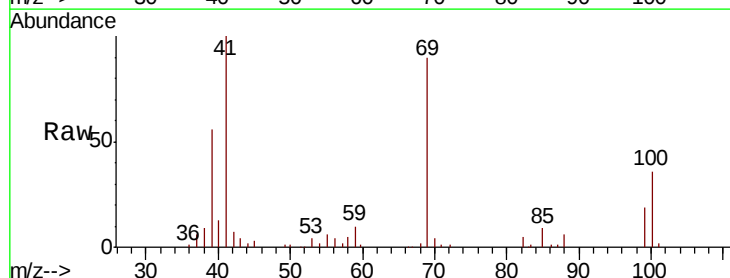


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

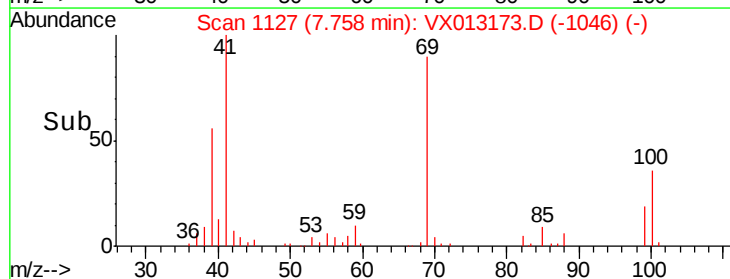
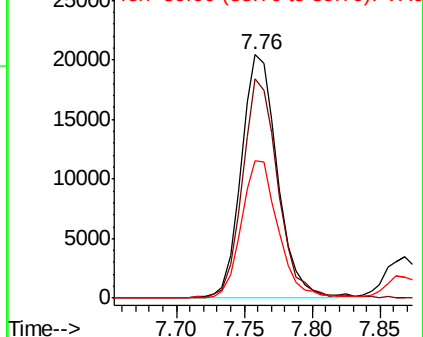


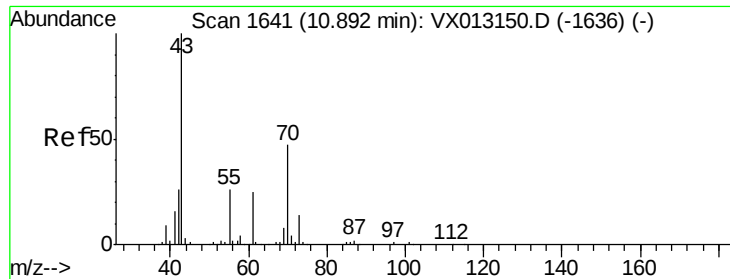
#46
Methyl methacrylate
Concen: 18.601 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX013173.D
Acq: 22 Oct 2019 13:30

Tgt Ion: 41 Resp: 38073
Ion Ratio Lower Upper
41 100
69 89.9 47.8 143.3
39 56.3 28.5 85.5



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





#47

n-amvl Acetate

Concen: 18.262 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013173.D

Acq: 22 Oct 2019 13:30

Instrument :

MSVOA_X

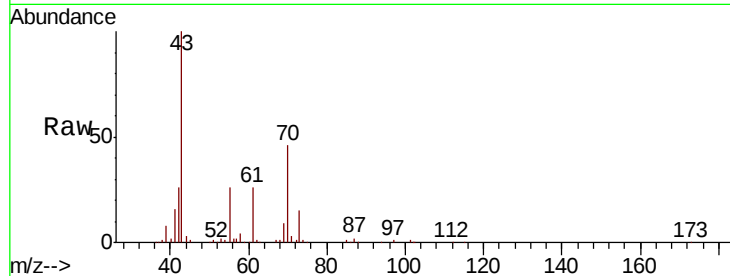
ClientSampleId :

Tot Ion: 43 Resp: 64035

Ion Ratio Lower Upper

43 100

55 25.7 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

60000

50000

40000

30000

20000

10000

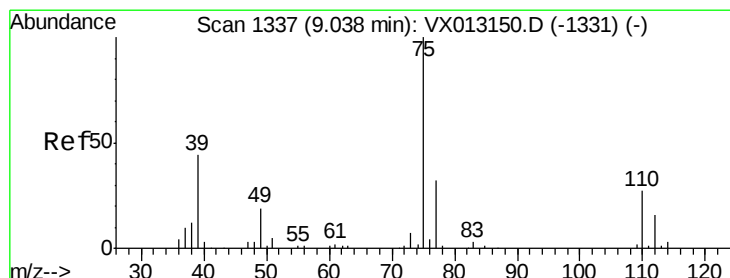
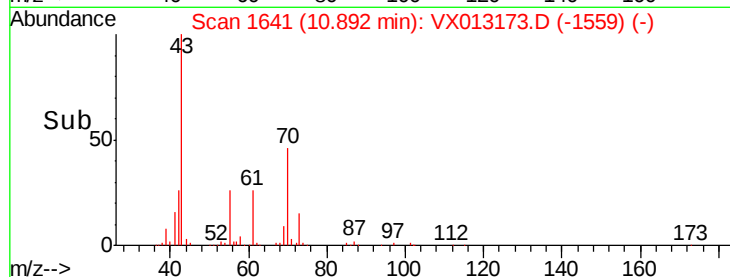
0

10.85

10.89

10.95

Time-->



#48

t-1,3-Dichloropropene

Concen: 18.540 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX013173.D

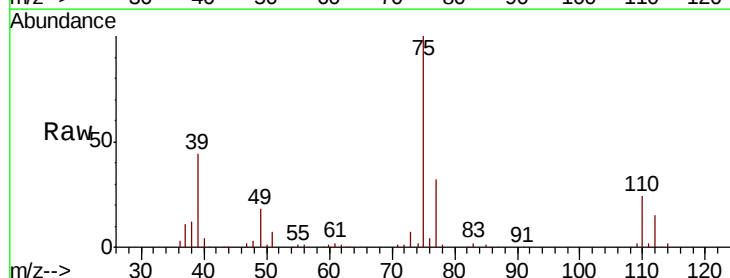
Acq: 22 Oct 2019 13:30

Tgt Ion: 75 Resp: 53542

Ion Ratio Lower Upper

75 100

77 32.3 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

40000

30000

20000

10000

0

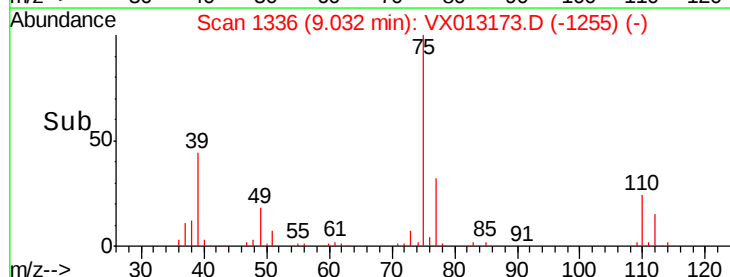
8.95

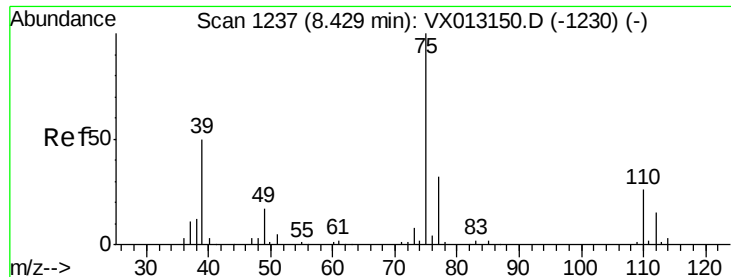
9.00

9.03

9.10

Time-->



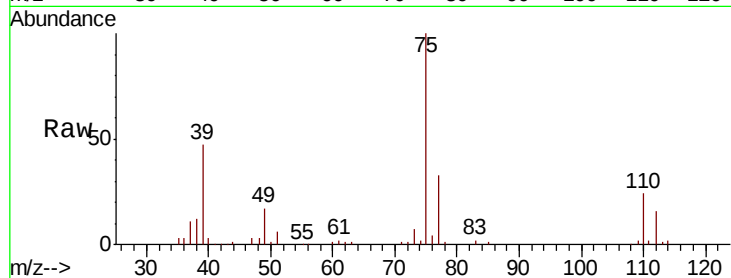


#49

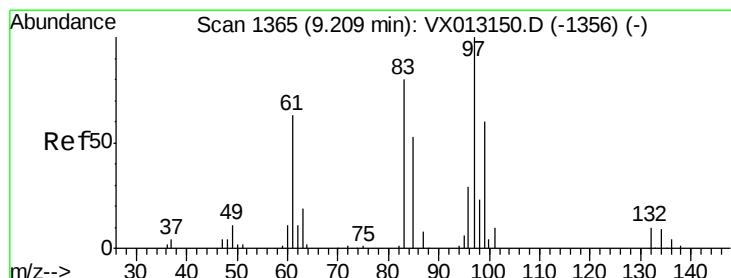
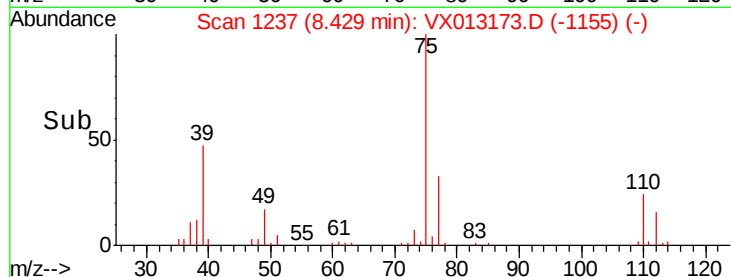
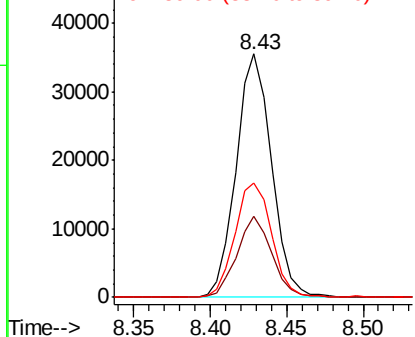
cis-1,3-Dichloropropene
 Concen: 18.186 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX013173.D
 Acq: 22 Oct 2019 13:30

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 75 Resp: 57149
 Ion Ratio Lower Upper
 75 100
 77 33.5 25.8 38.8
 39 47.1 39.7 59.5



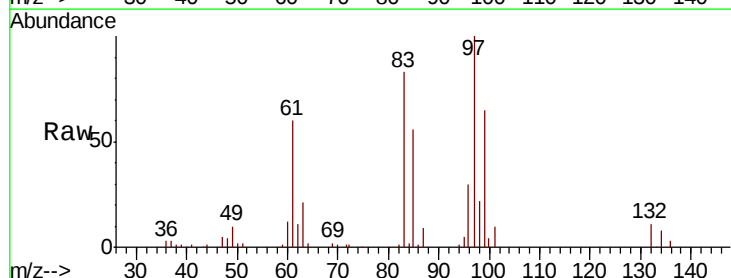
Abundance Ion 75.00 (74.70 to 75.70): VX0
 Ion 77.00 (76.70 to 77.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0



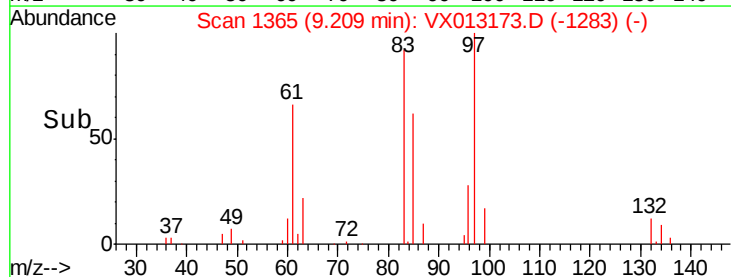
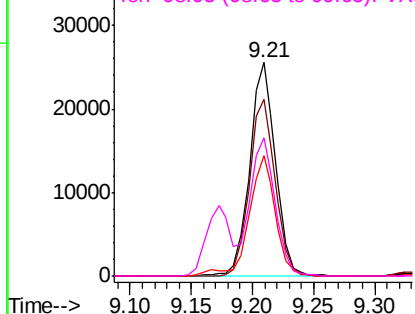
#50

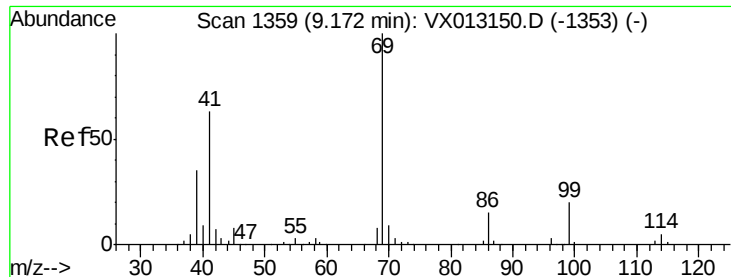
1,1,2-Trichloroethane
 Concen: 19.372 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013173.D
 Acq: 22 Oct 2019 13:30

Tgt Ion: 97 Resp: 37354
 Ion Ratio Lower Upper
 97 100
 83 82.7 64.2 96.4
 85 56.1 42.7 64.1
 99 64.6 50.5 75.7



Abundance Ion 97.00 (96.70 to 97.70): VX0
 Ion 82.95 (82.65 to 83.65): VX0
 Ion 84.95 (84.65 to 85.65): VX0
 Ion 98.95 (98.65 to 99.65): VX0

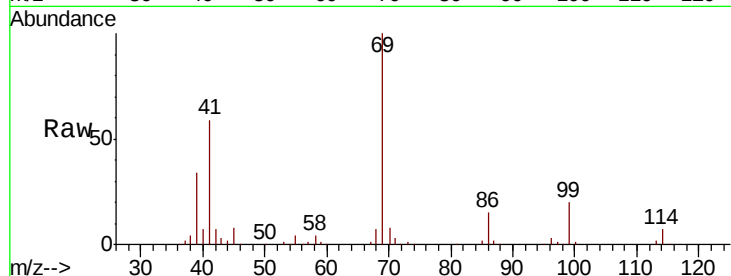




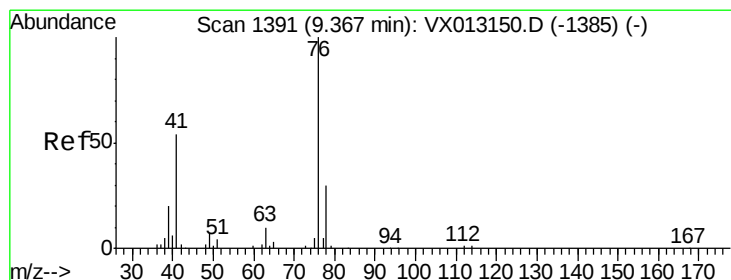
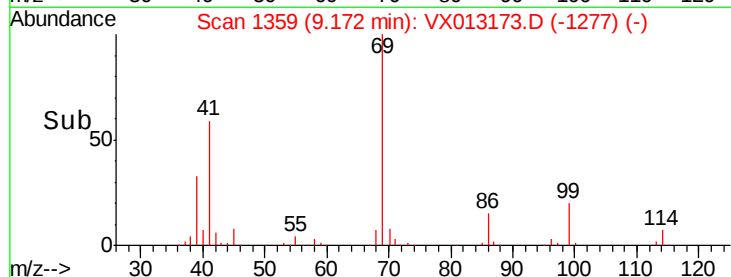
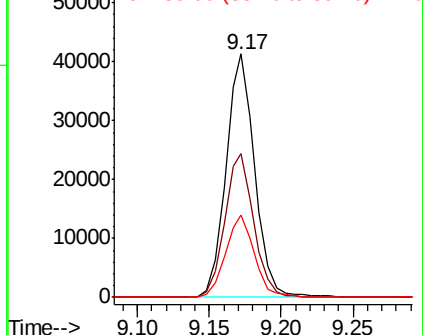
#51
Ethyl methacrylate
Concen: 19.080 ug/l
RT: 9.17 min Scan# 1359
Delta R.T. 0.00 min
Lab File: VX013173.D
Acq: 22 Oct 2019 13:30

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 69 Resp: 57689
Ion Ratio Lower Upper
69 100
41 59.3 31.6 95.0
39 33.6 17.7 53.1

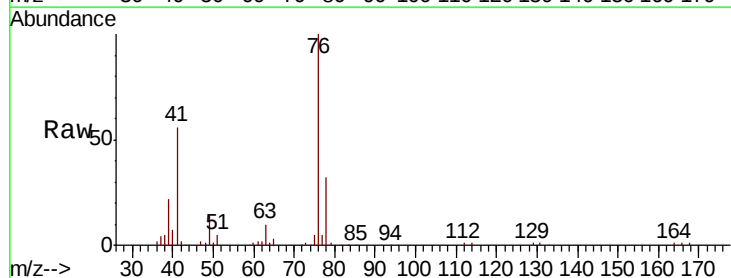


Abundance Ion 69.00 (68.70 to 69.70): VX0
Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

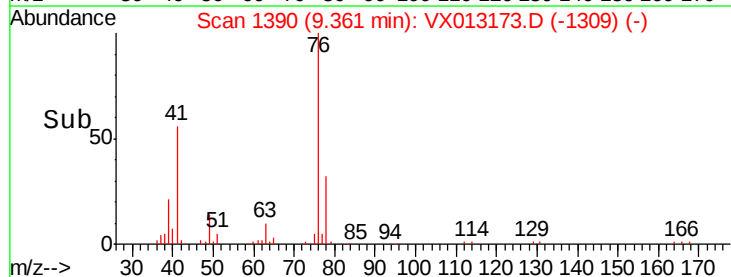
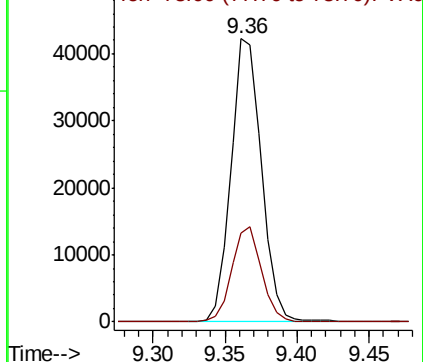


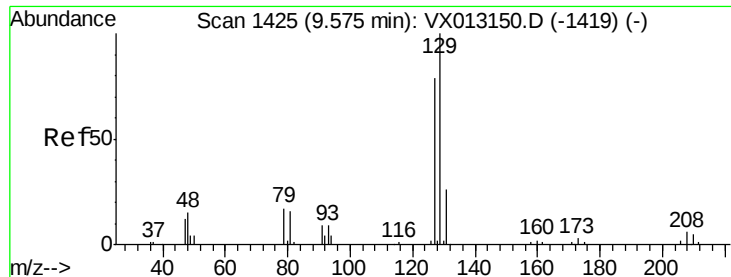
#52
1,3-Dichloropropane
Concen: 19.275 ug/l
RT: 9.36 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX013173.D
Acq: 22 Oct 2019 13:30

Tgt Ion: 76 Resp: 62592
Ion Ratio Lower Upper
76 100
78 32.8 0.0 64.6



Abundance Ion 76.00 (75.70 to 76.70): VX0
Ion 78.00 (77.70 to 78.70): VX0

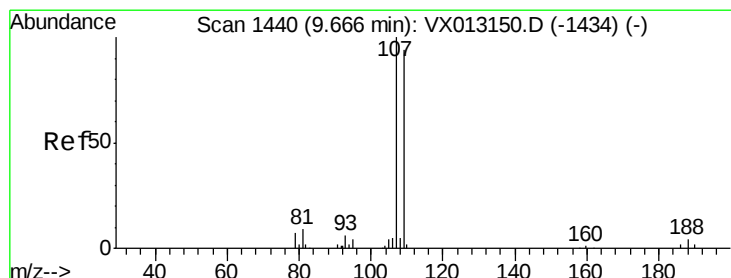
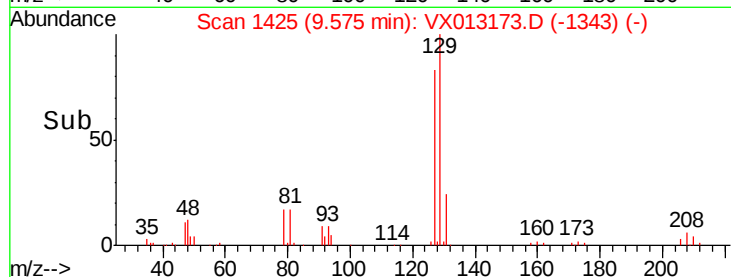
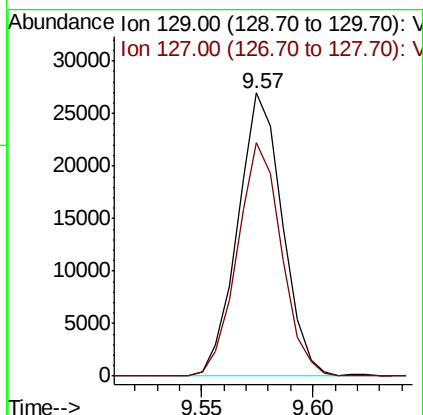
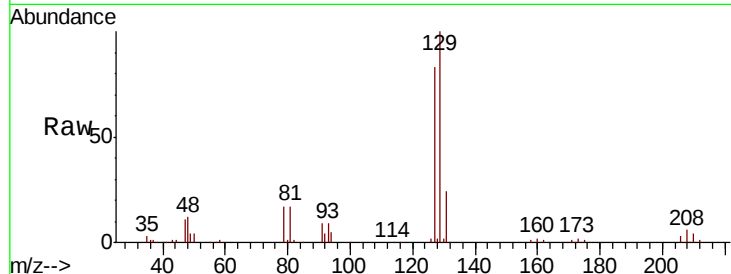




#53
 Dibromochloromethane
 Concen: 18.132 ug/l
 RT: 9.57 min Scan# 1425
 Delta R.T. 0.00 min
 Lab File: VX013173.D
 Acq: 22 Oct 2019 13:30

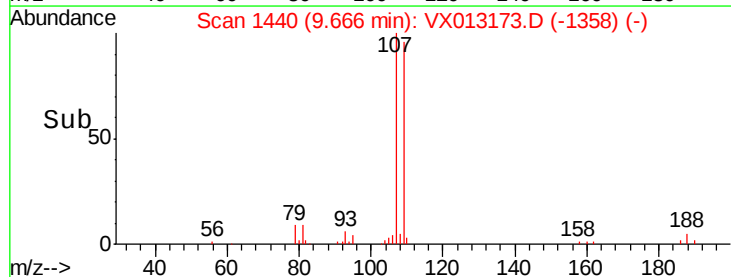
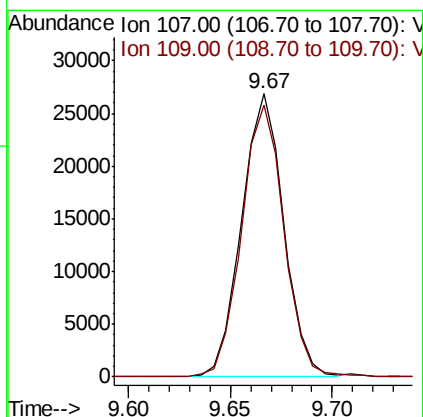
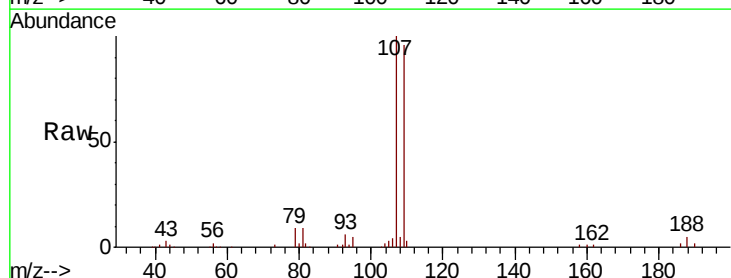
Instrument :
 MSVOA_X
 ClientSampleId :

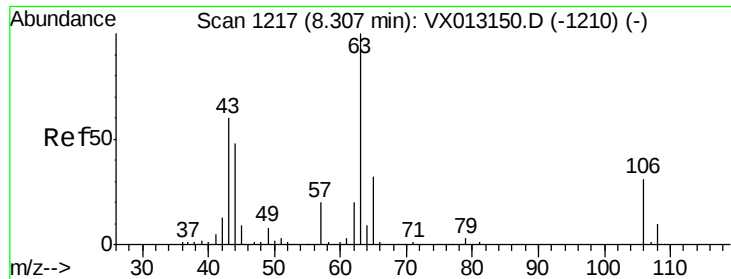
Tot Ion:129 Resp: 37715
 Ion Ratio Lower Upper
 129 100
 127 81.5 39.4 118.2



#54
 1,2-Dibromoethane
 Concen: 18.662 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX013173.D
 Acq: 22 Oct 2019 13:30

Tgt Ion:107 Resp: 38477
 Ion Ratio Lower Upper
 107 100
 109 96.7 75.4 113.0

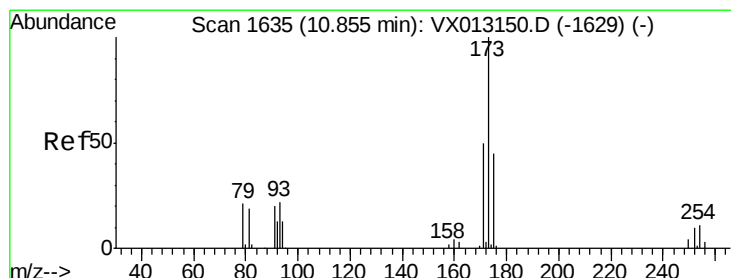
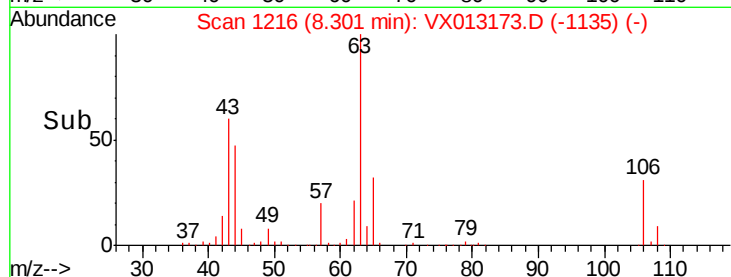
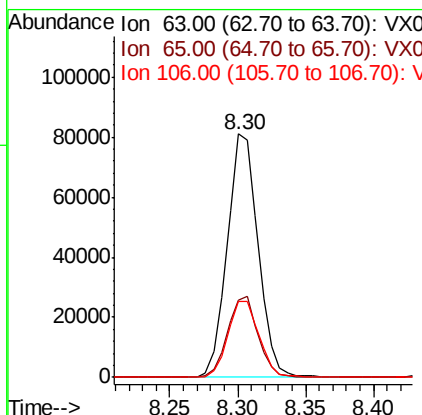
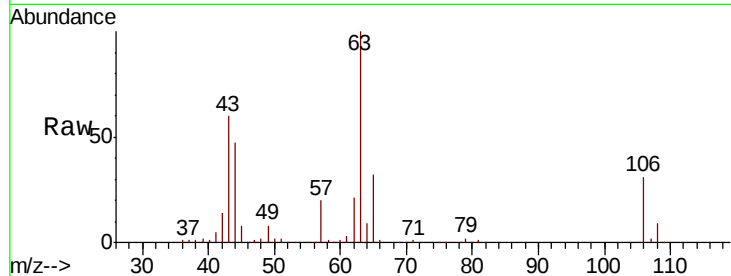




#55
2-Chloroethyl vinyl ether
Concen: 104.134 ug/l
RT: 8.30 min Scan# 1216
Delta R.T. -0.01 min
Lab File: VX013173.D
Acq: 22 Oct 2019 13:30

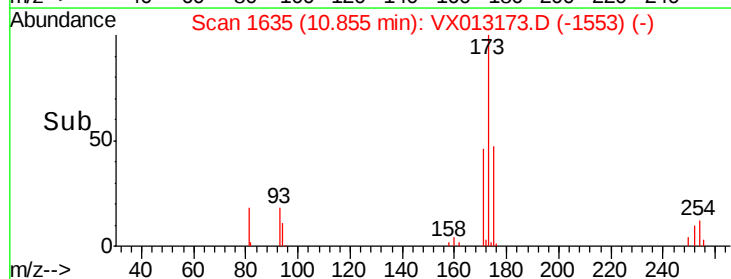
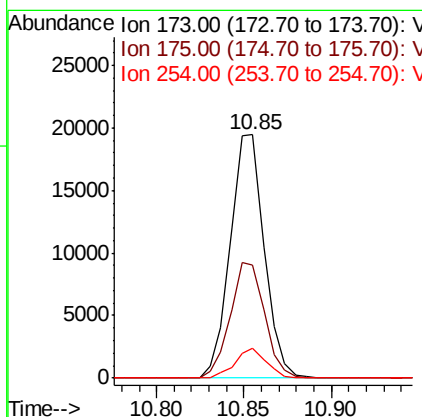
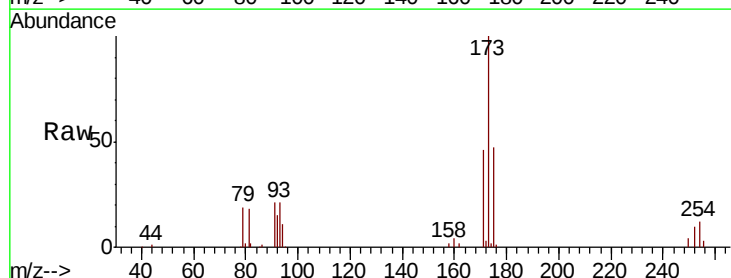
Instrument :
MSVOA_X
ClientSampleId :

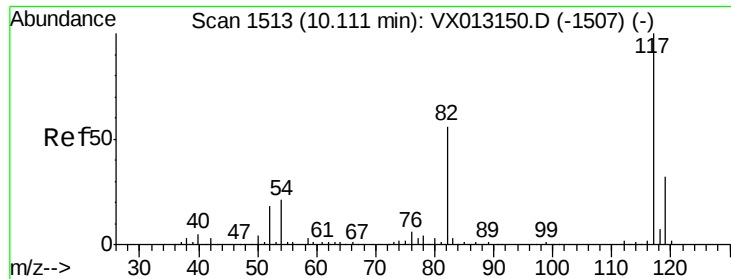
Tot Ion: 63 Resp: 127896
Ion Ratio Lower Upper
63 100
65 32.7 25.5 38.3
106 31.7 24.8 37.2



#56
Bromoform
Concen: 17.852 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX013173.D
Acq: 22 Oct 2019 13:30

Tgt Ion:173 Resp: 26343
Ion Ratio Lower Upper
173 100
175 48.1 39.0 58.4
254 11.3 8.1 12.1

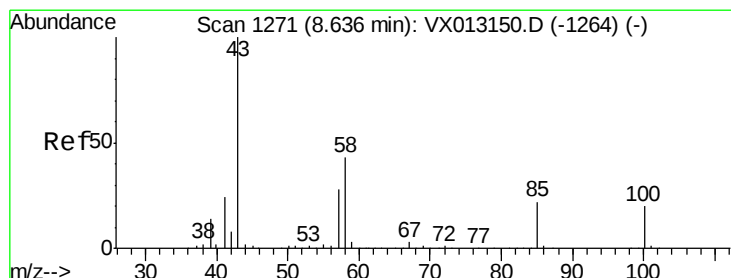
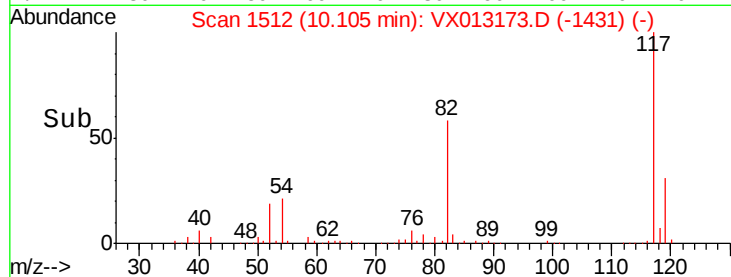
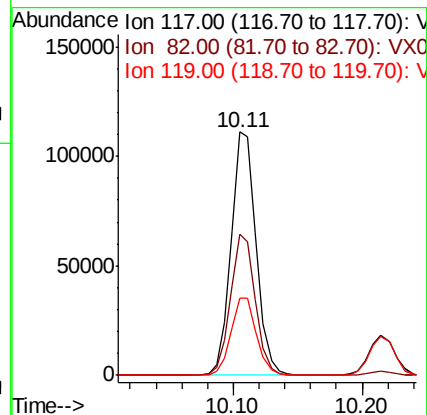
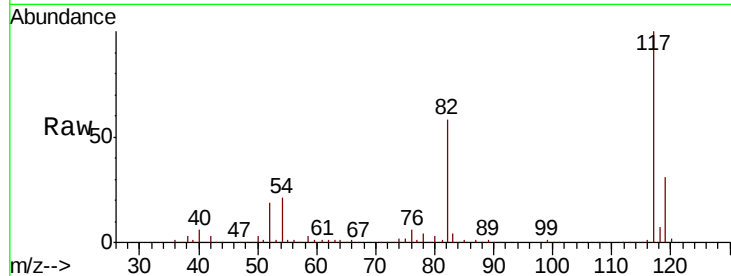




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013173.D
Acq: 22 Oct 2019 13:30

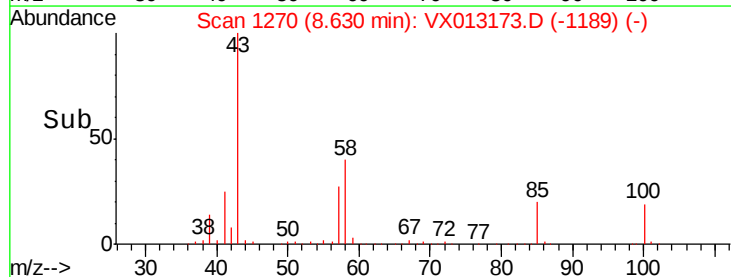
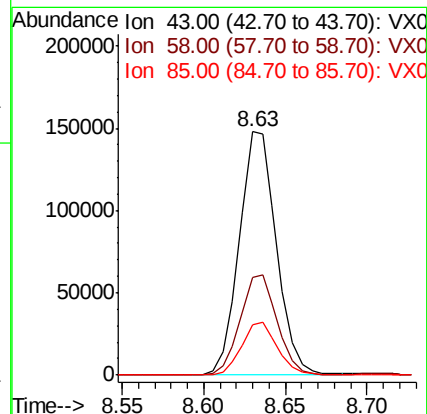
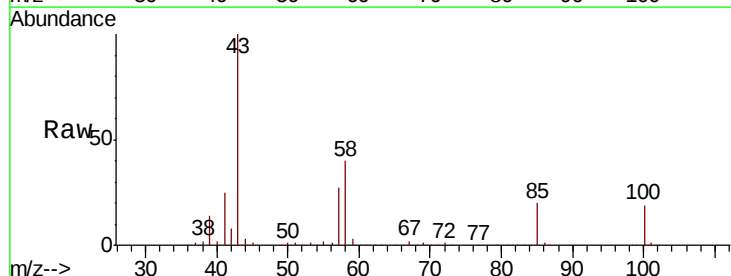
Instrument :
MSVOA_X
ClientSampled :

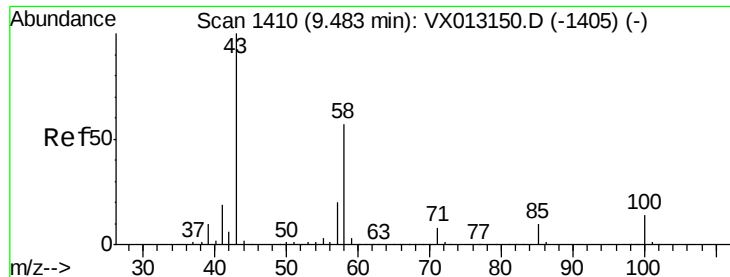
Tot Ion:117 Resp: 151900
Ion Ratio Lower Upper
117 100
82 57.4 46.0 69.0
119 32.5 25.4 38.0



#58
4-Methyl-2-Pentanone
Concen: 91.291 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX013173.D
Acq: 22 Oct 2019 13:30

Tgt Ion: 43 Resp: 233665
Ion Ratio Lower Upper
43 100
58 41.3 33.8 50.8
85 21.1 16.8 25.2

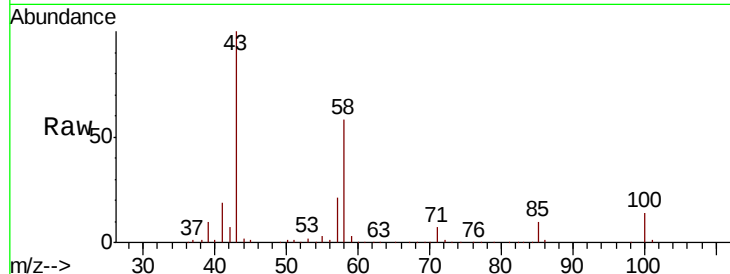




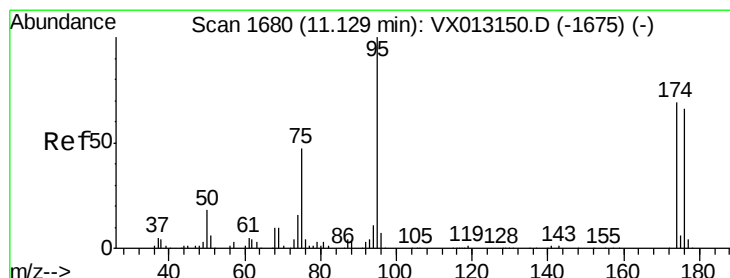
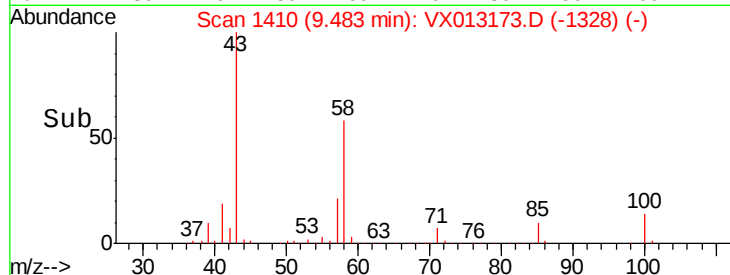
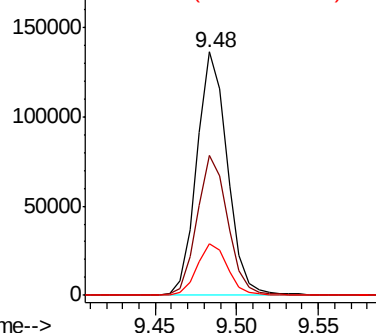
#59
2-Hexanone
Concen: 88.575 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX013173.D
Acq: 22 Oct 2019 13:30

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 177679
Ion Ratio Lower Upper
43 100
58 57.9 46.6 69.8
57 21.2 16.9 25.3

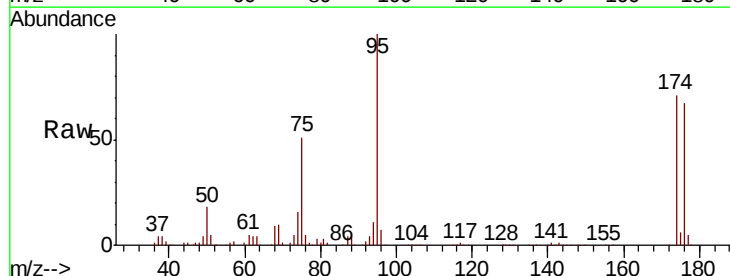


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0
Ion 57.00 (56.70 to 57.70): VX0

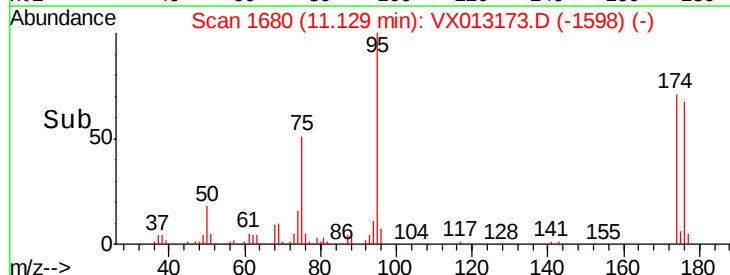
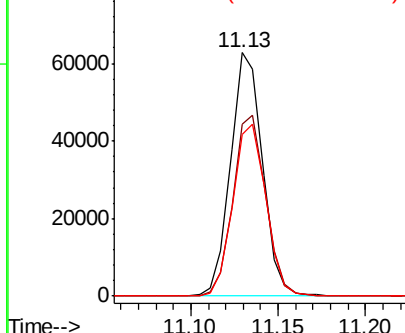


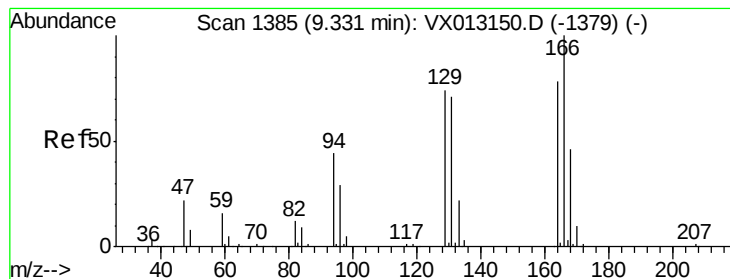
#60
4-Bromofluorobenzene
Concen: 30.126 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX013173.D
Acq: 22 Oct 2019 13:30

Tgt Ion: 95 Resp: 79684
Ion Ratio Lower Upper
95 100
174 76.2 60.0 90.0
176 73.3 58.5 87.7



Abundance Ion 95.00 (94.70 to 95.70): VX0
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V





#61

Tetrachloroethene

Concen: 19.566 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX013173.D

Acq: 22 Oct 2019 13:30

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:164 Resp: 39401

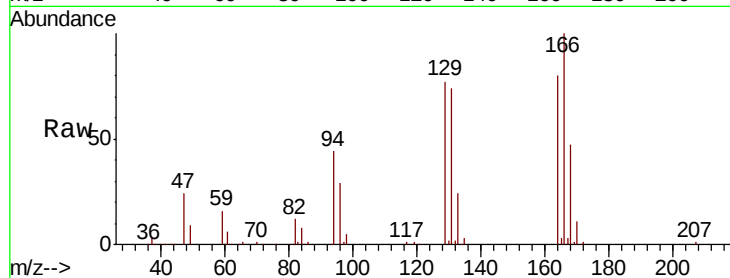
Ion Ratio Lower Upper

164 100

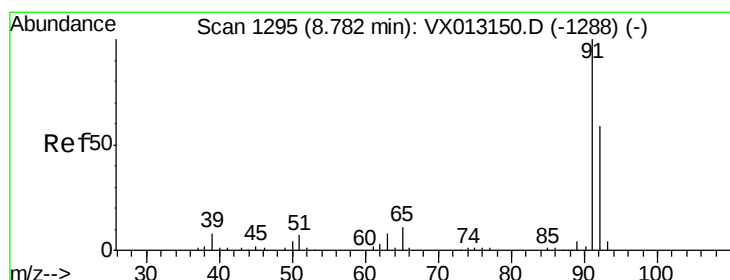
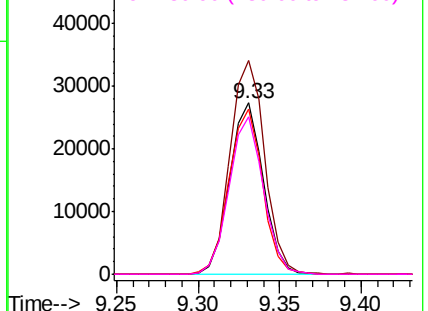
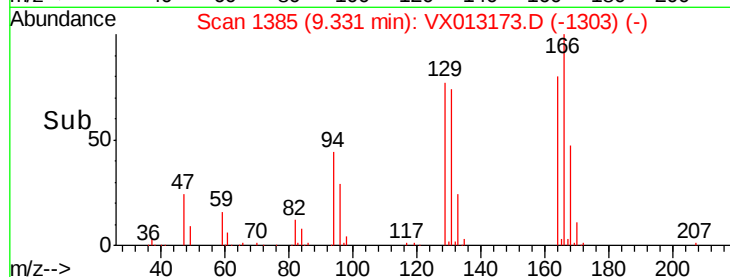
166 124.7 102.6 153.8

129 96.5 75.7 113.5

131 92.2 72.4 108.6



Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 19.058 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX013173.D

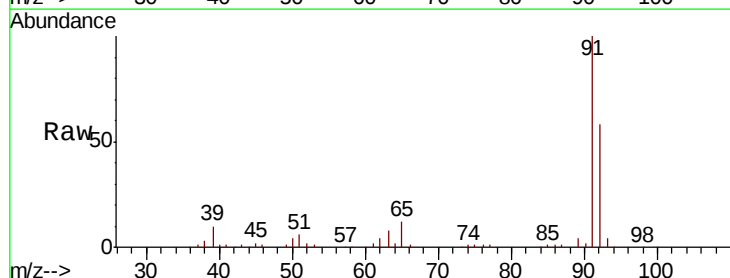
Acq: 22 Oct 2019 13:30

Tgt Ion: 91 Resp: 156272

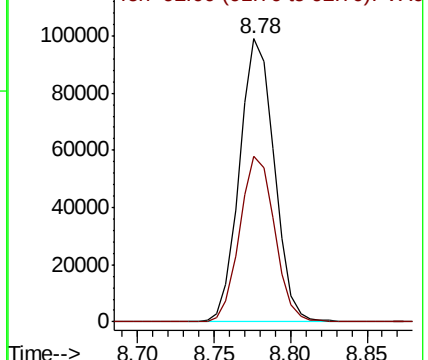
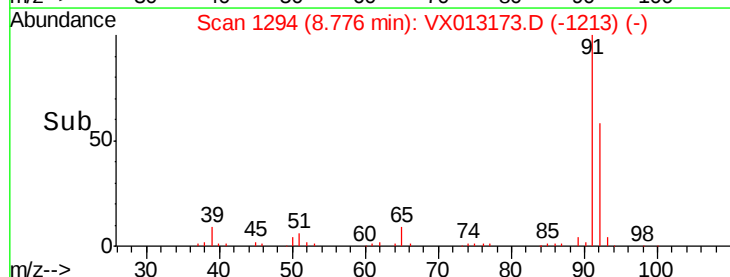
Ion Ratio Lower Upper

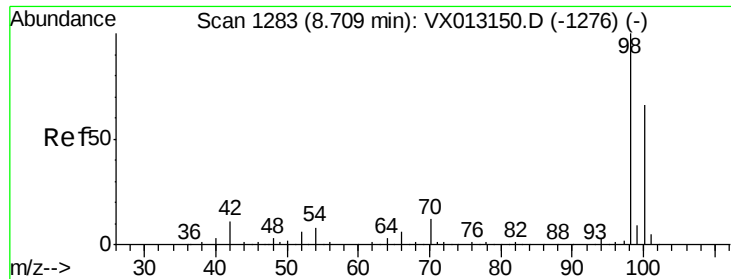
91 100

92 58.8 47.7 71.5



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

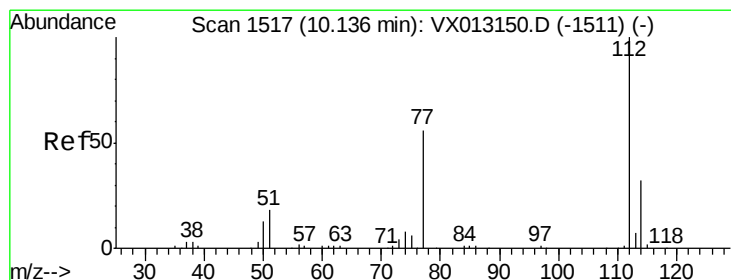
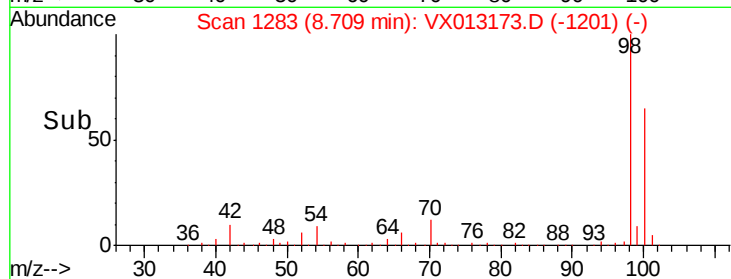
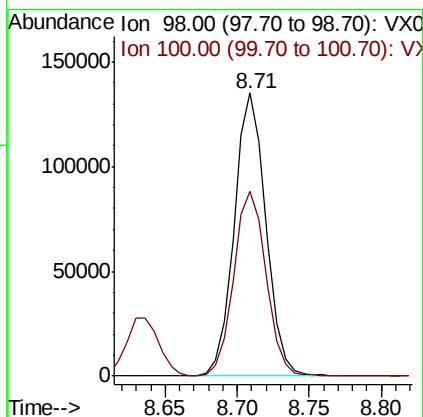
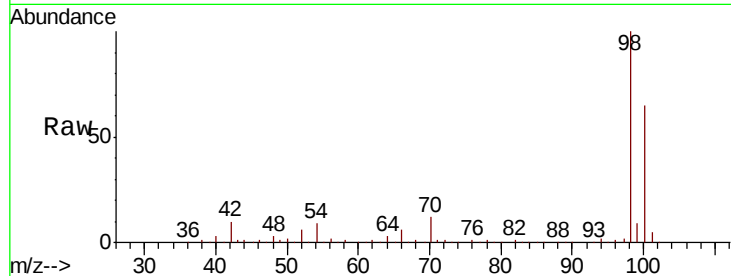




#63
Toluene-d8
Concen: 30.510 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013173.D
Acq: 22 Oct 2019 13:30

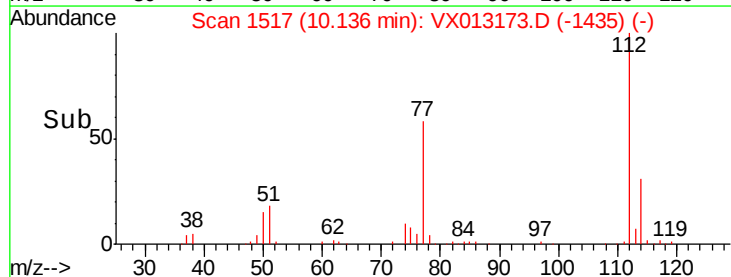
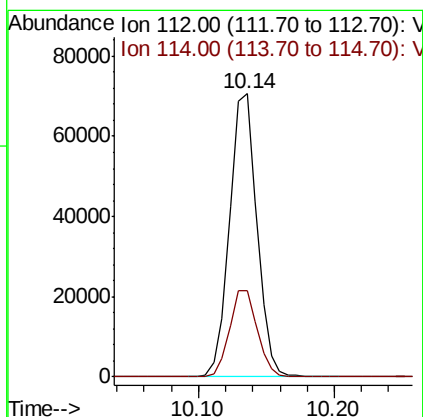
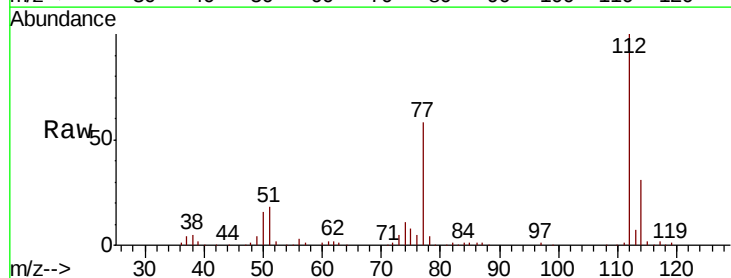
Instrument :
MSVOA_X
ClientSampleId :

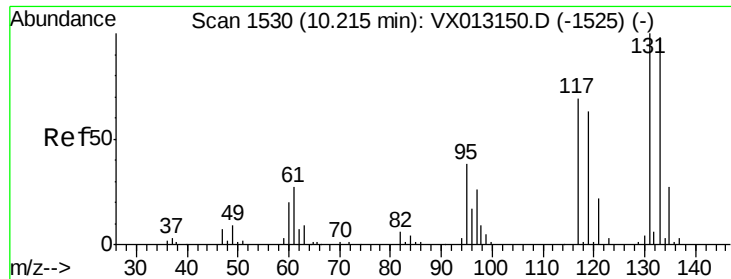
Tot Ion: 98 Resp: 206129
Ion Ratio Lower Upper
98 100
100 67.1 53.1 79.7



#64
Chlorobenzene
Concen: 18.816 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX013173.D
Acq: 22 Oct 2019 13:30

Tgt Ion: 112 Resp: 98929
Ion Ratio Lower Upper
112 100
114 30.7 25.5 38.3

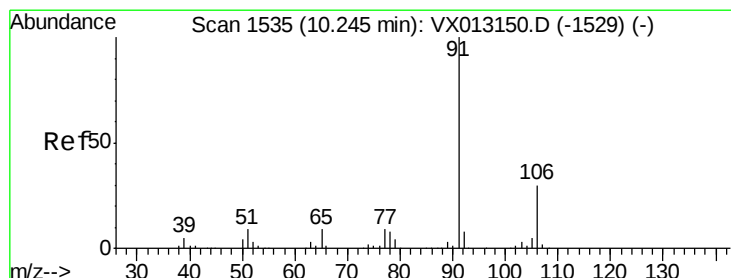
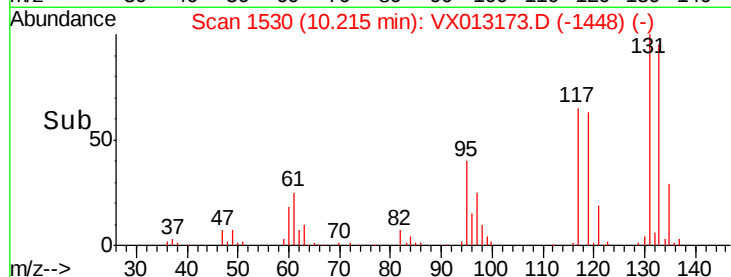
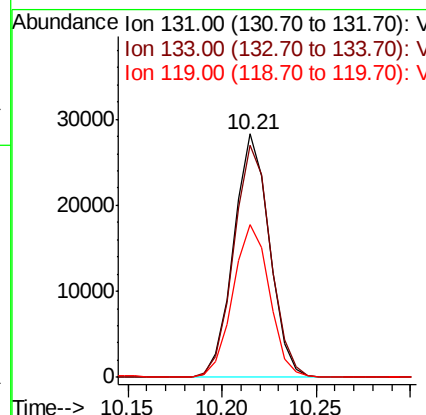
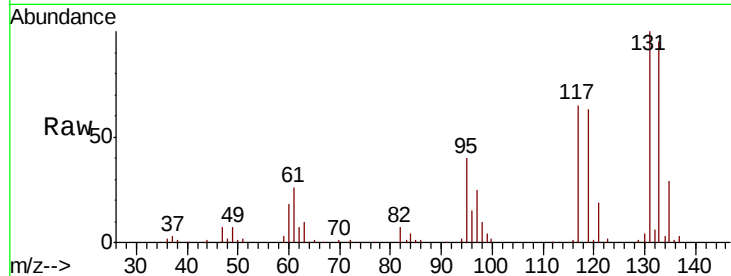




#65
 1,1,1,2-Tetrachloroethane
 Concen: 18.860 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VX013173.D
 Acq: 22 Oct 2019 13:30

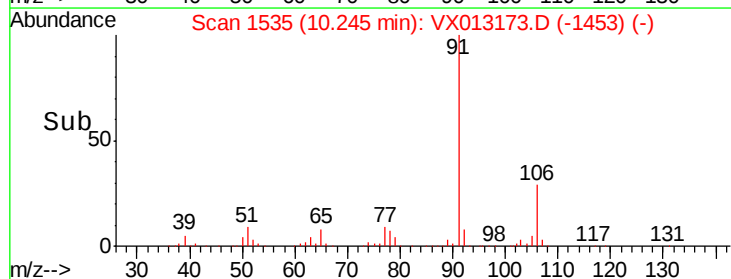
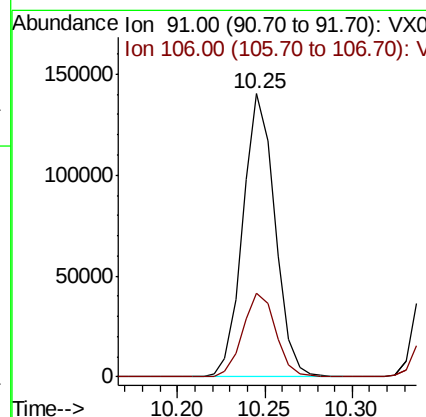
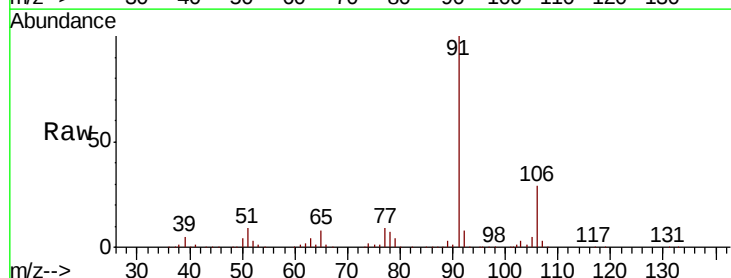
Instrument :
 MSVOA_X
 ClientSampleId :

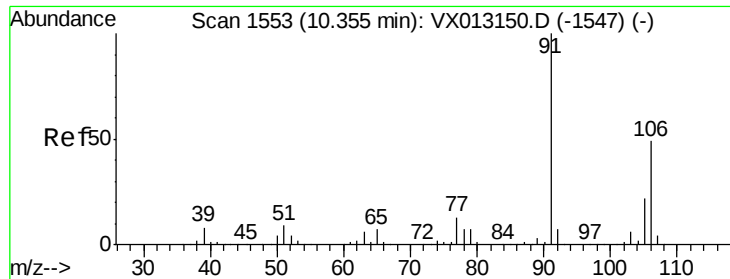
Tot Ion:131 Resp: 37145
 Ion Ratio Lower Upper
 131 100
 133 98.2 0.0 191.0
 119 64.6 0.0 125.6



#66
 Ethyl Benzene
 Concen: 18.991 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VX013173.D
 Acq: 22 Oct 2019 13:30

Tgt Ion: 91 Resp: 179235
 Ion Ratio Lower Upper
 91 100
 106 29.4 23.8 35.6

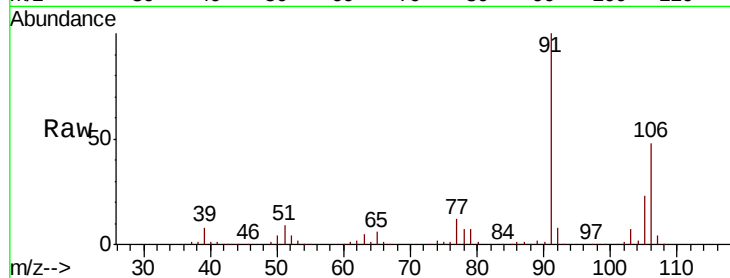




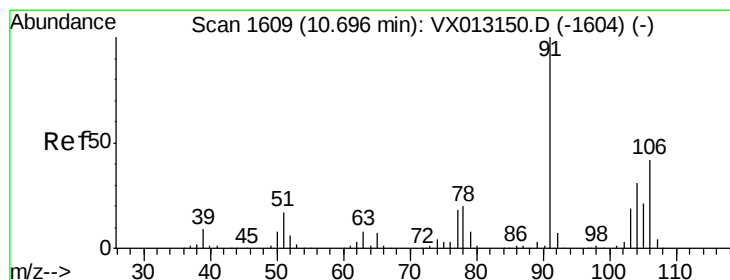
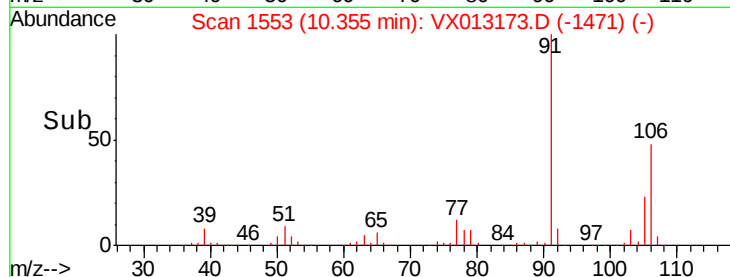
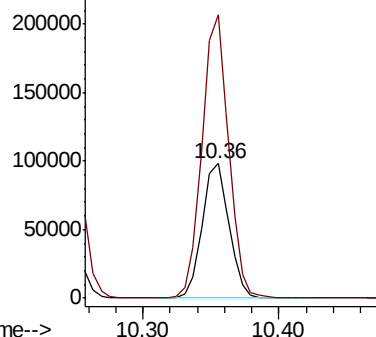
#67
m/p-Xylenes
Concen: 37.714 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013173.D
Acq: 22 Oct 2019 13:30

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 135276
Ion Ratio Lower Upper
106 100
91 207.3 163.7 245.5

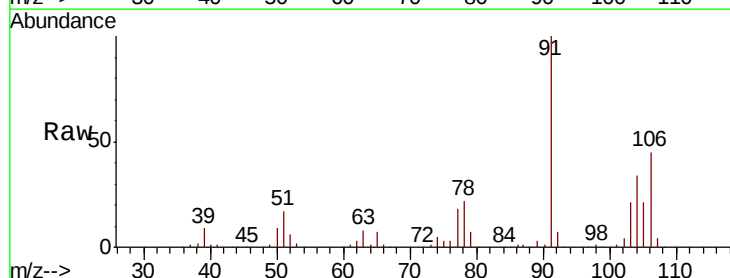


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

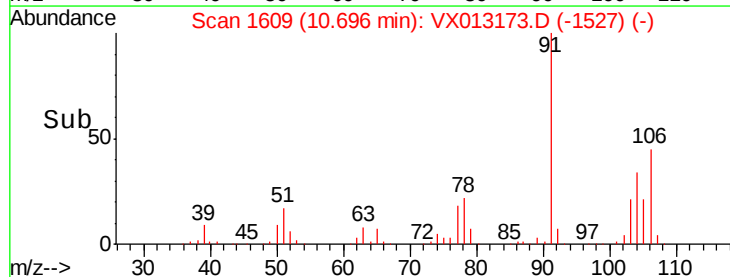
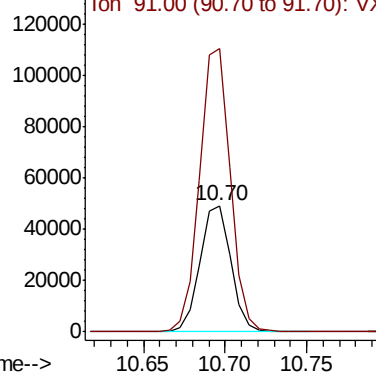


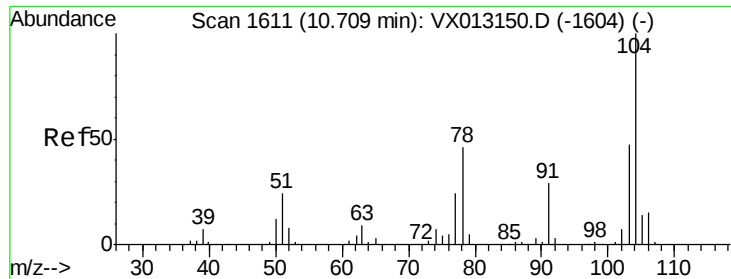
#68
o-Xylene
Concen: 18.921 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013173.D
Acq: 22 Oct 2019 13:30

Tgt Ion:106 Resp: 64787
Ion Ratio Lower Upper
106 100
91 223.1 113.6 340.8



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

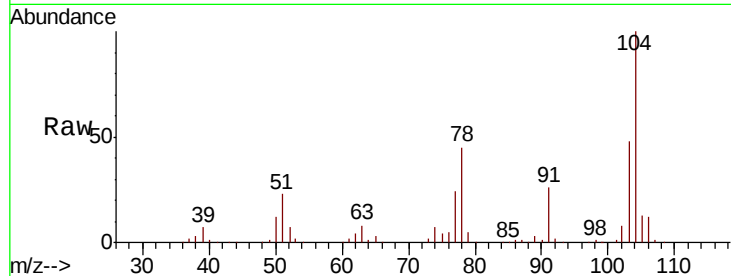




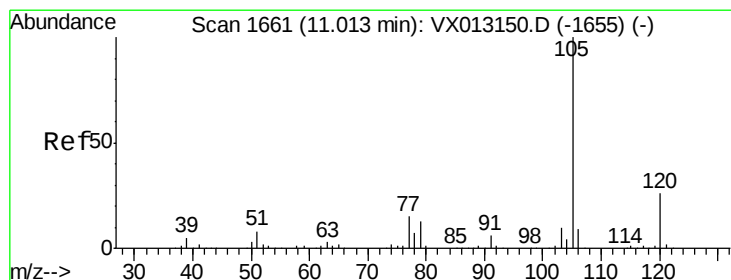
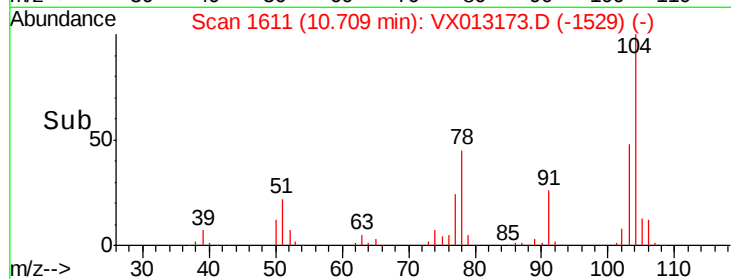
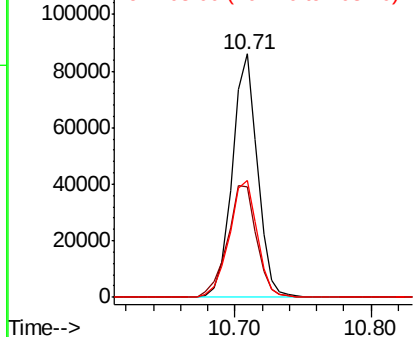
#69
Stvrene
Concen: 18.771 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013173.D
Acq: 22 Oct 2019 13:30

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:104 Resp: 110610
Ion Ratio Lower Upper
104 100
78 53.3 42.3 63.5
103 53.6 42.2 63.2

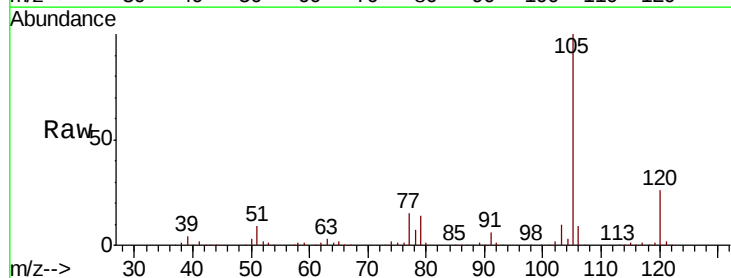


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

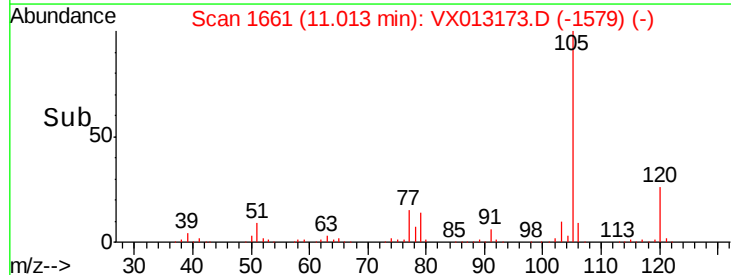
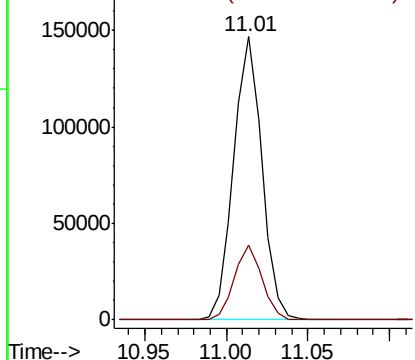


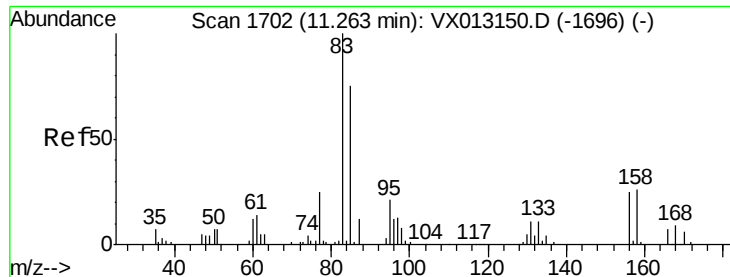
#70
Isopropylbenzene
Concen: 18.881 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX013173.D
Acq: 22 Oct 2019 13:30

Tgt Ion:105 Resp: 177400
Ion Ratio Lower Upper
105 100
120 26.0 18.1 33.7



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

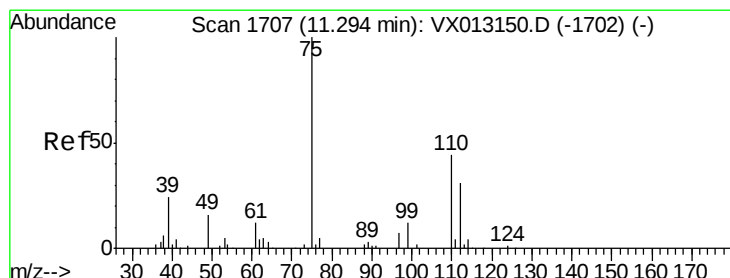
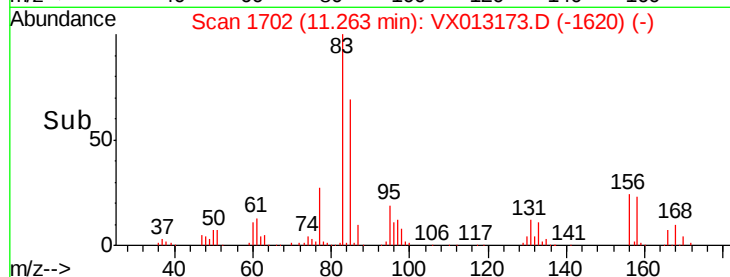
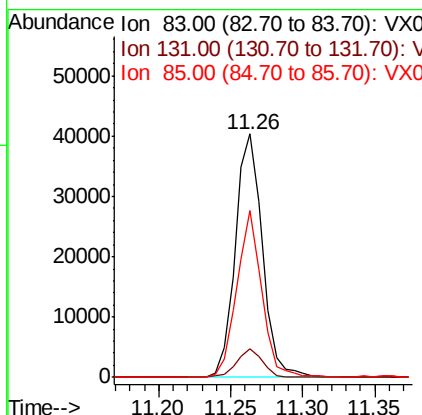
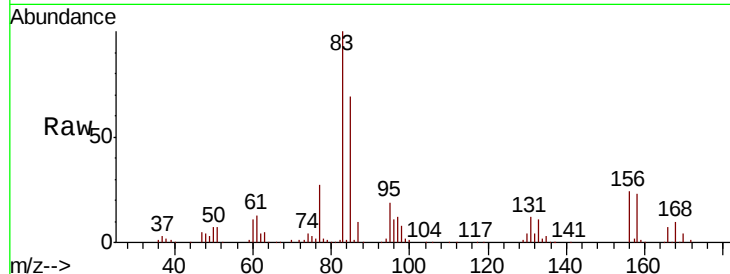




#71
 1,1,2,2-Tetrachloroethane
 Concen: 18.449 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: VX013173.D
 Acq: 22 Oct 2019 13:30

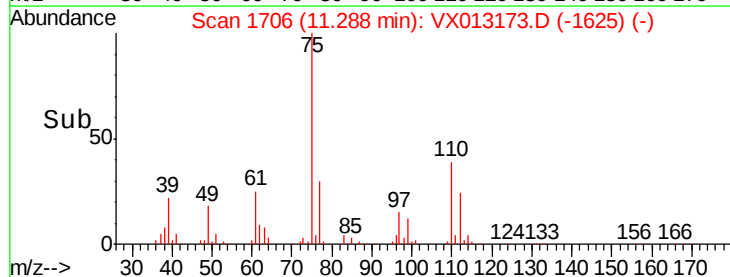
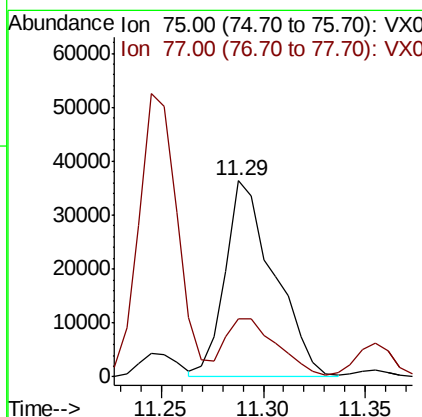
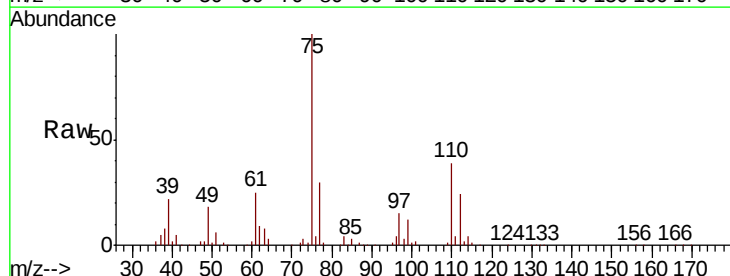
Instrument :
 MSVOA_X
 ClientSampled :

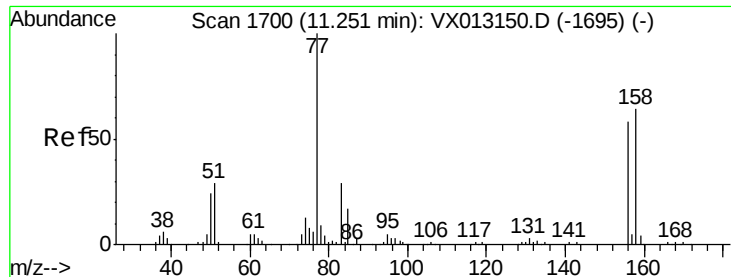
Tot Ion: 83 Resp: 53117
 Ion Ratio Lower Upper
 83 100
 131 11.2 5.5 16.4
 85 63.1 32.9 98.6



#72
 1,2,3-Trichloropropane
 Concen: 24.063 ug/l
 RT: 11.29 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX013173.D
 Acq: 22 Oct 2019 13:30

Tgt Ion: 75 Resp: 60173
 Ion Ratio Lower Upper
 75 100
 77 30.8 0.0 74.0





#73

Bromobenzene

Concen: 18.375 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013173.D

Acq: 22 Oct 2019 13:30

Instrument :

MSVOA_X

ClientSampleId :

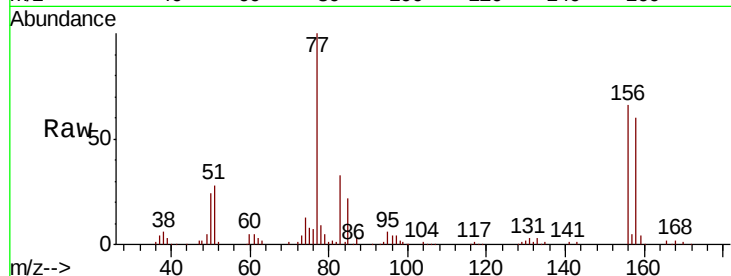
Tot Ion:156 Resp: 41433

Ion Ratio Lower Upper

156 100

77 166.7 0.0 328.0

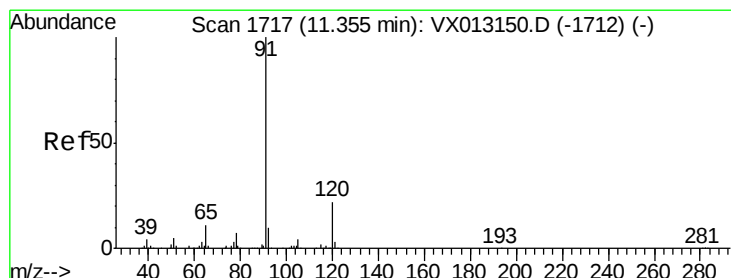
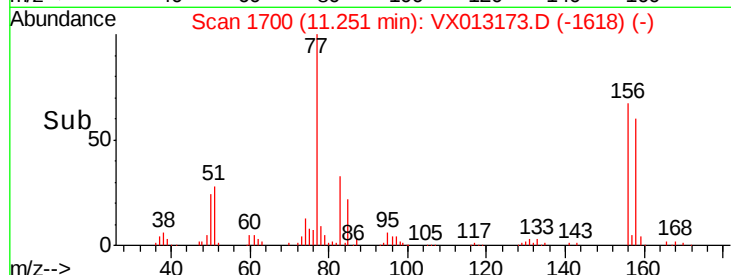
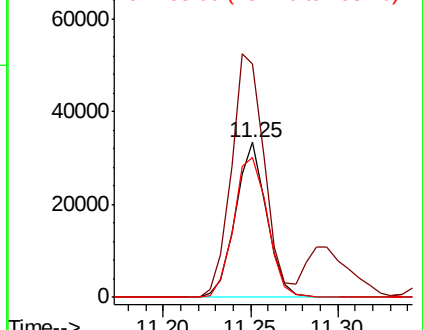
158 97.8 0.0 196.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 19.582 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013173.D

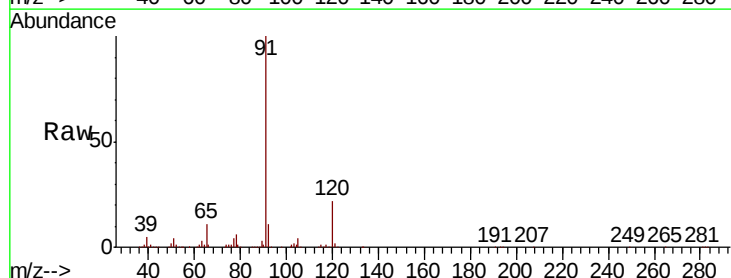
Acq: 22 Oct 2019 13:30

Tgt Ion: 91 Resp: 201939

Ion Ratio Lower Upper

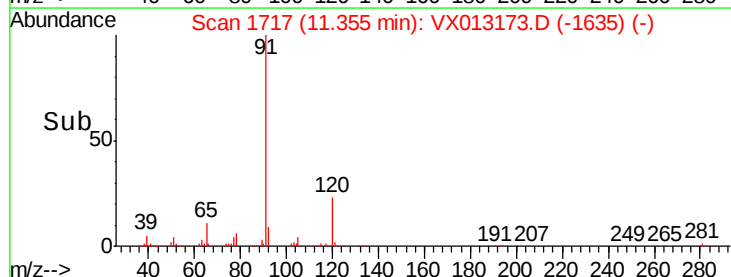
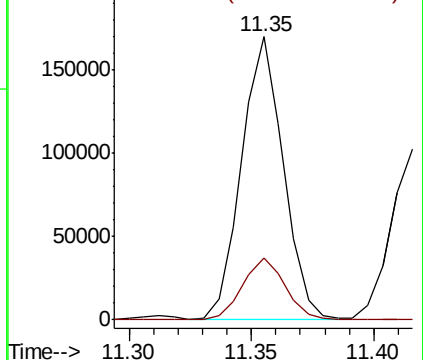
91 100

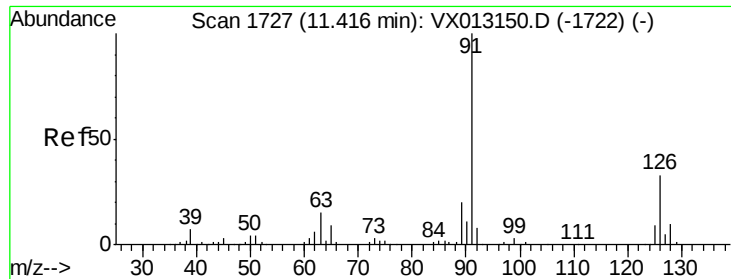
120 22.2 0.0 45.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

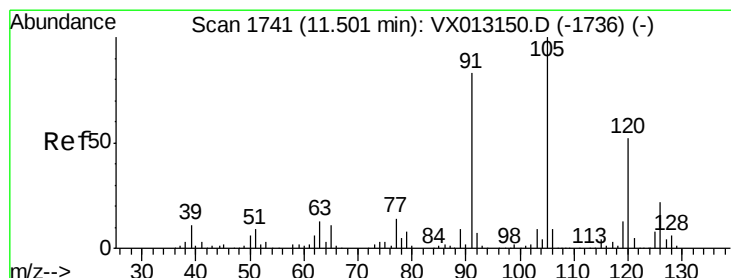
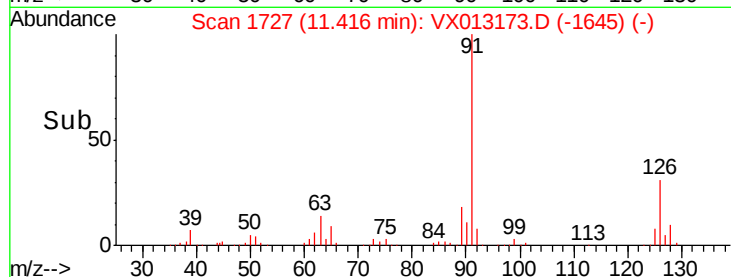
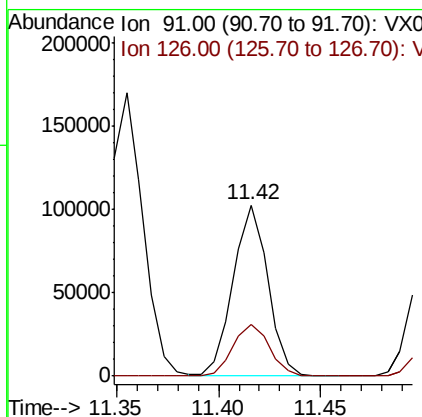
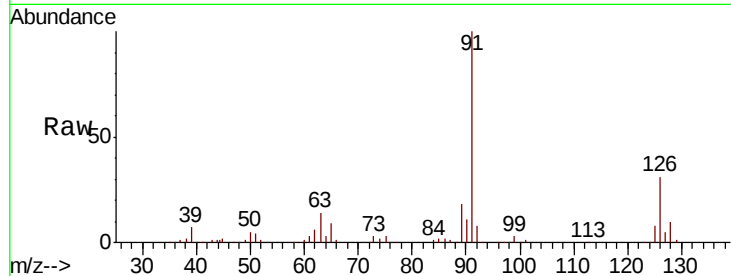




#75
 2-Chlorotoluene
 Concen: 18.960 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX013173.D
 Acq: 22 Oct 2019 13:30

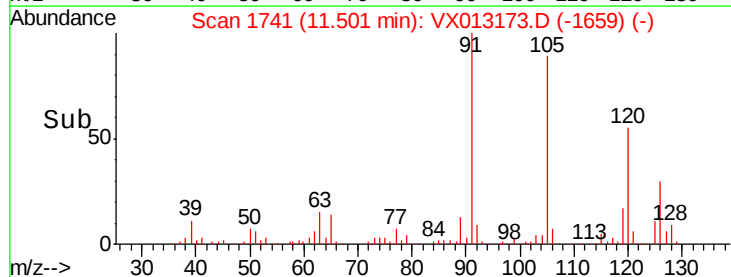
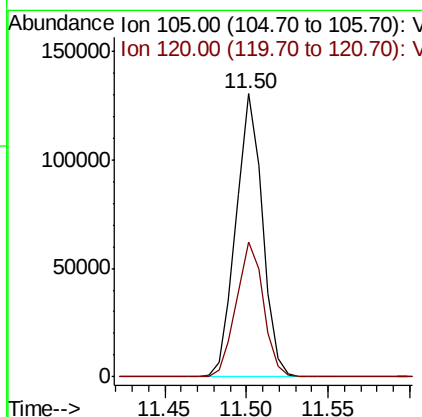
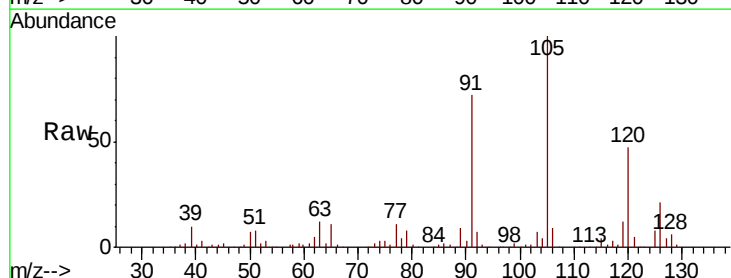
Instrument :
 MSVOA_X
 ClientSampleId :

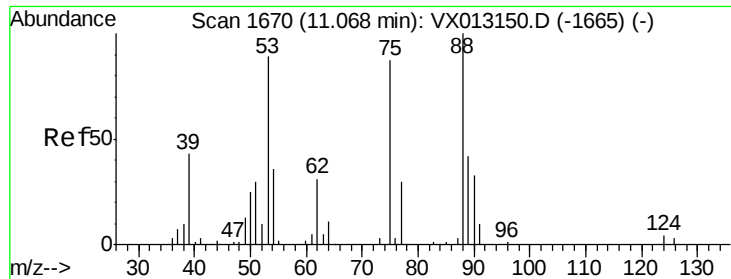
Tot Ion: 91 Resp: 122347
 Ion Ratio Lower Upper
 91 100
 126 31.3 0.0 63.8



#76
 1,3,5-Trimethylbenzene
 Concen: 18.762 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX013173.D
 Acq: 22 Oct 2019 13:30

Tgt Ion: 105 Resp: 147984
 Ion Ratio Lower Upper
 105 100
 120 48.7 0.0 98.0





#77

t-1,4-Dichloro-2-butene

Concen: 16.919 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX013173.D

Acq: 22 Oct 2019 13:30

Instrument :

MSVOA_X

ClientSampleId :

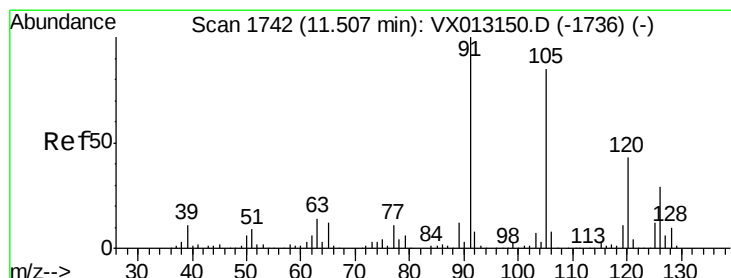
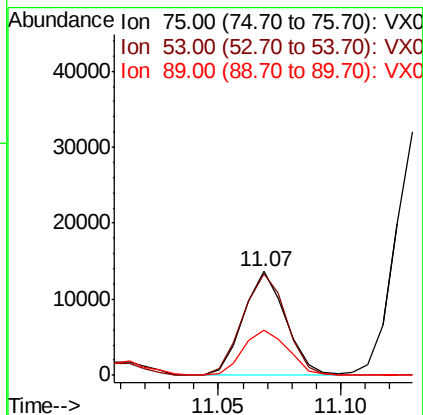
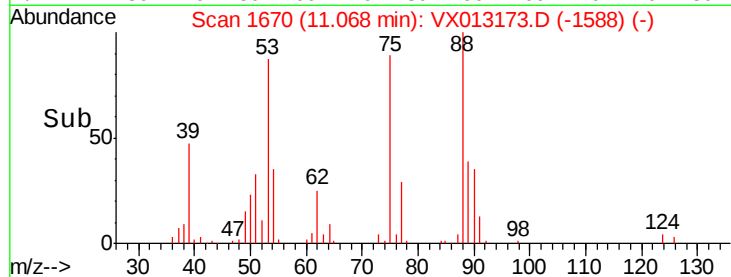
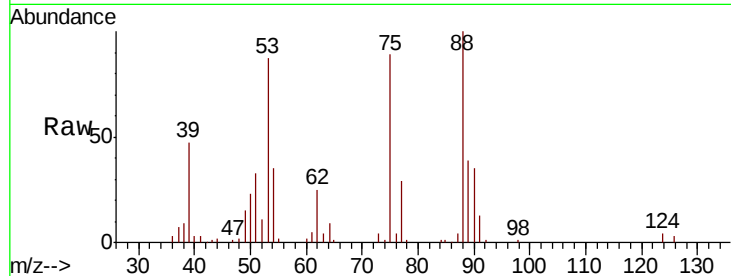
Tot Ion: 75 Resp: 16427

Ion Ratio Lower Upper

75 100

53 98.3 51.1 153.4

89 44.2 24.1 72.4



#78

4-Chlorotoluene

Concen: 18.718 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX013173.D

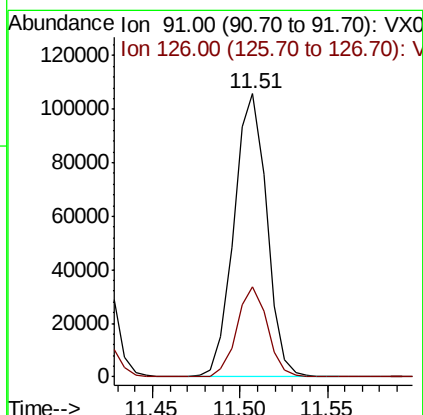
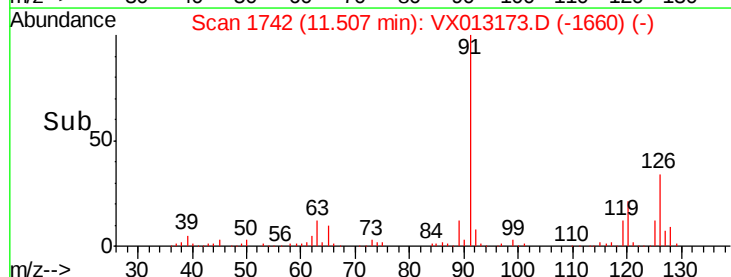
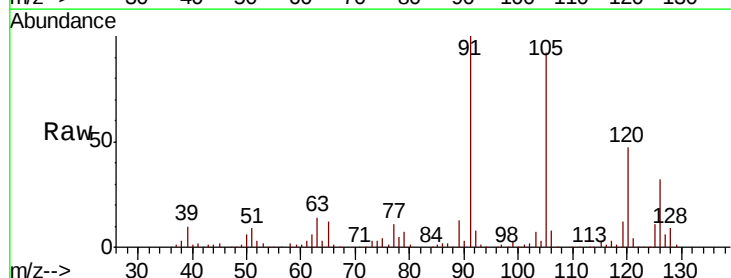
Acq: 22 Oct 2019 13:30

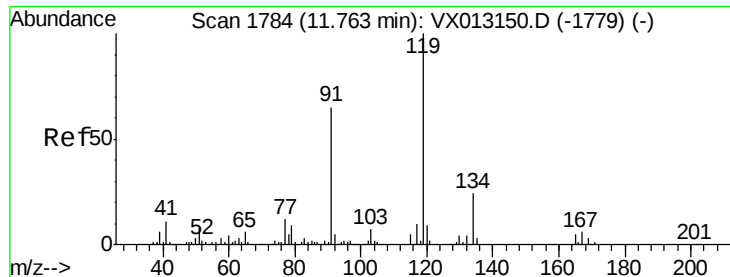
Tgt Ion: 91 Resp: 138013

Ion Ratio Lower Upper

91 100

126 29.6 0.0 58.4

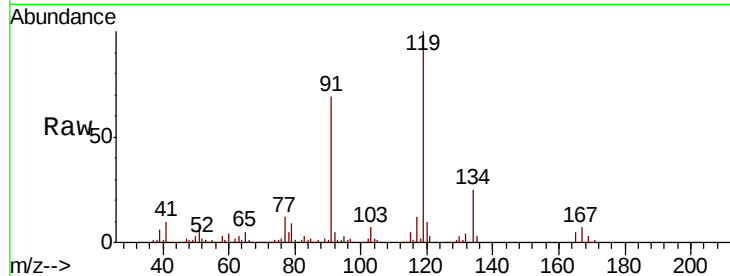




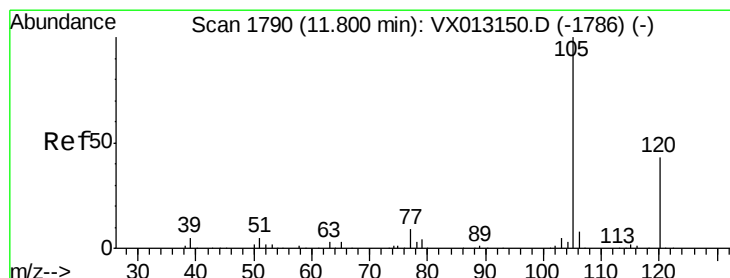
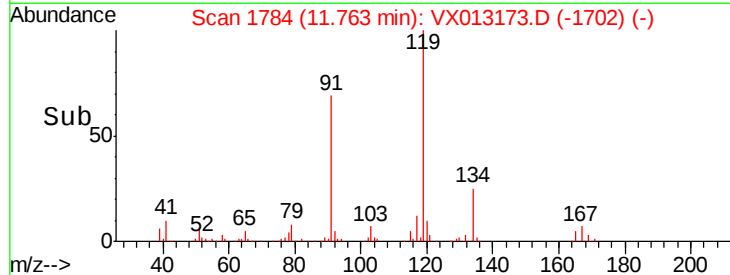
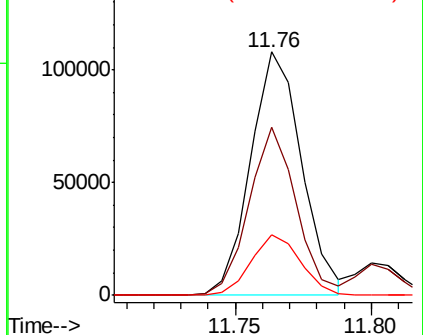
#79
tert-butylbenzene
Concen: 18.525 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX013173.D
Acq: 22 Oct 2019 13:30

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:119 Resp: 140692
Ion Ratio Lower Upper
119 100
91 63.8 0.0 128.4
134 24.1 0.0 49.0

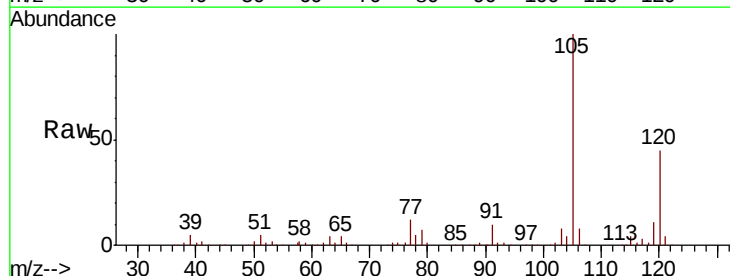


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V

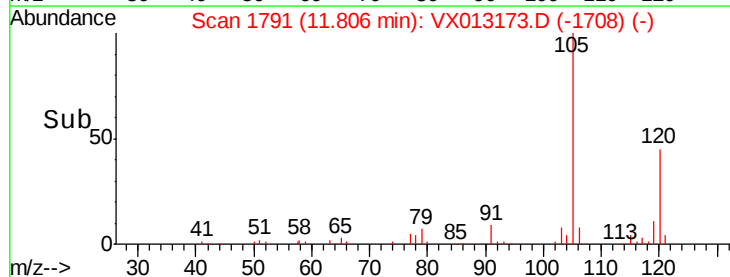
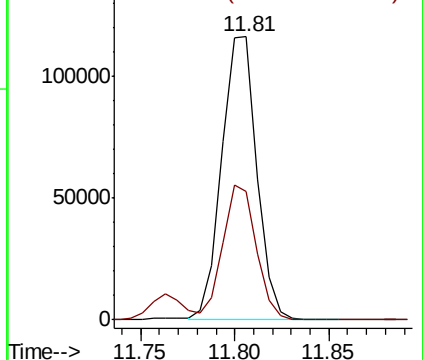


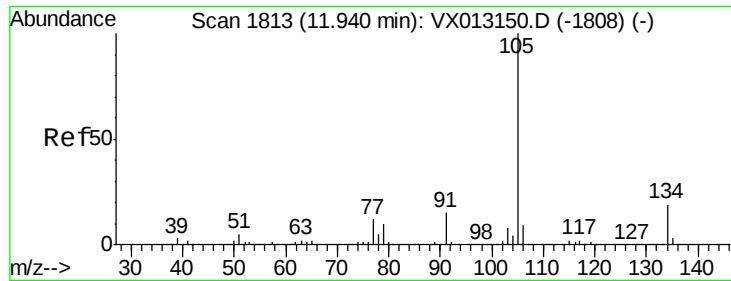
#80
1,2,4-Trimethylbenzene
Concen: 19.108 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.01 min
Lab File: VX013173.D
Acq: 22 Oct 2019 13:30

Tgt Ion:105 Resp: 150554
Ion Ratio Lower Upper
105 100
120 45.3 0.0 87.4



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

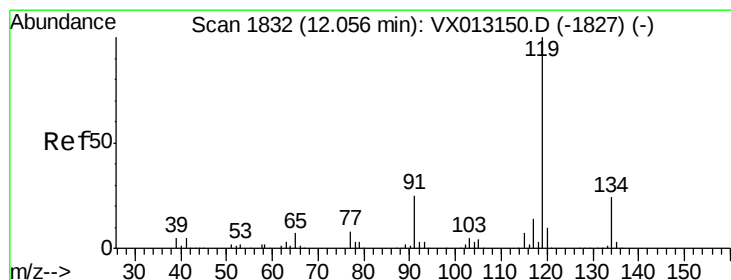
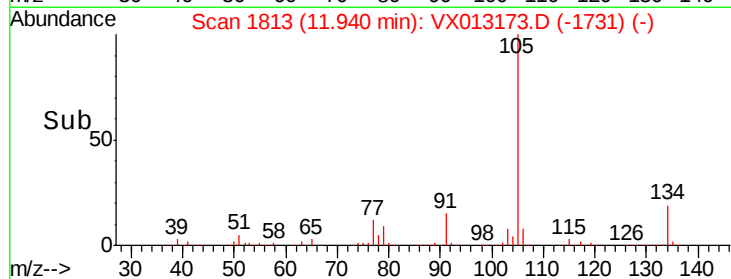
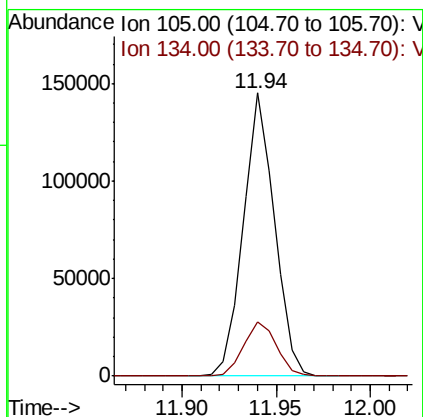
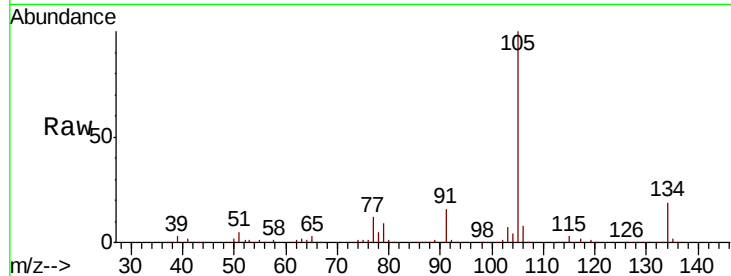




#81
 sec-Butylbenzene
 Concen: 18.455 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX013173.D
 Acq: 22 Oct 2019 13:30

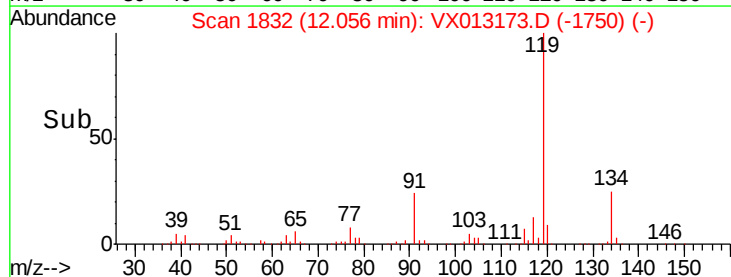
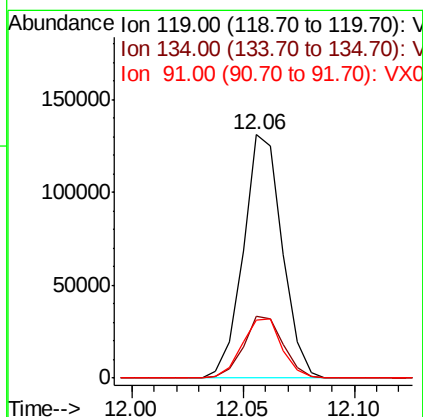
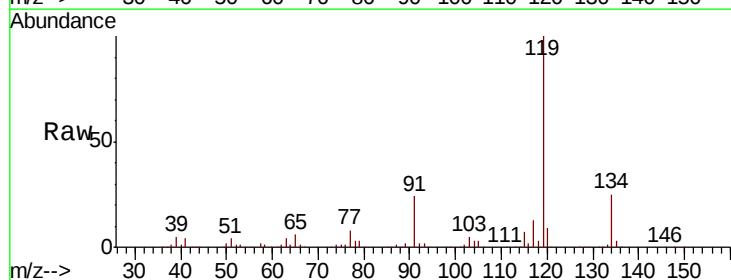
Instrument :
 MSVOA_X
 ClientSampleId :

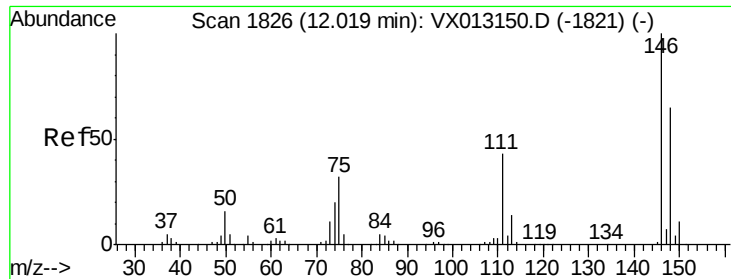
Tot Ion:105 Resp: 166971
 Ion Ratio Lower Upper
 105 100
 134 20.2 0.0 39.2



#82
 p-Isopropyltoluene
 Concen: 19.305 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. 0.00 min
 Lab File: VX013173.D
 Acq: 22 Oct 2019 13:30

Tgt Ion:119 Resp: 159695
 Ion Ratio Lower Upper
 119 100
 134 25.8 0.0 51.6
 91 24.9 0.0 50.0

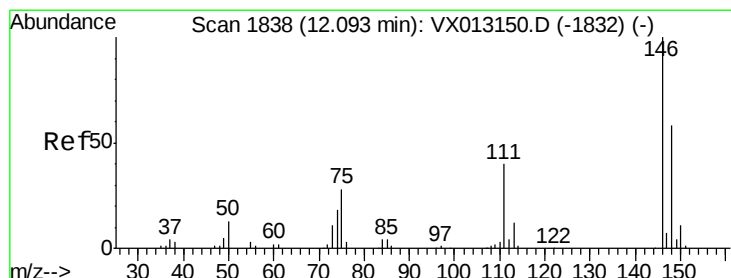
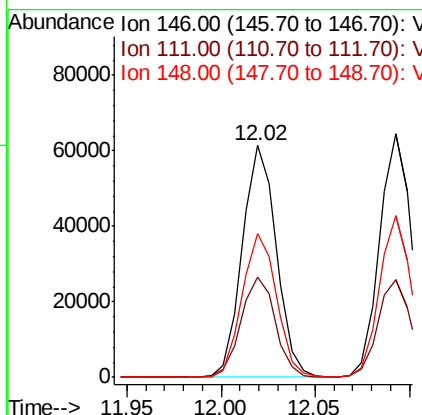
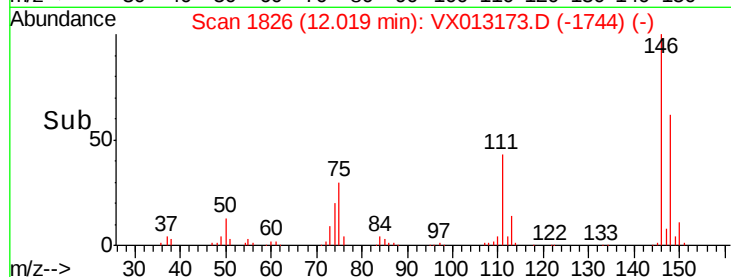
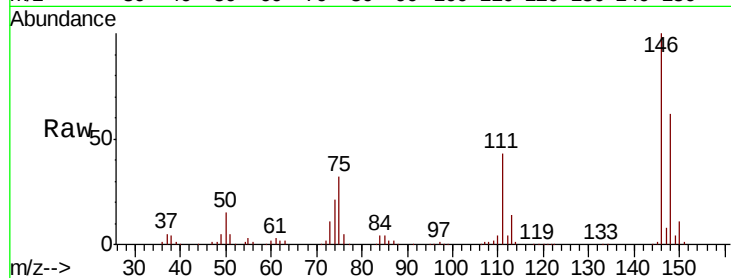




#83
 1,3-Dichlorobenzene
 Concen: 18.741 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013173.D
 Acq: 22 Oct 2019 13:30

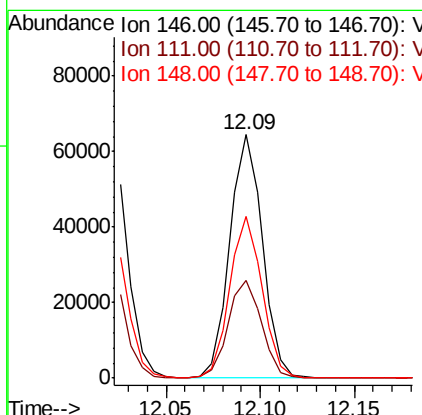
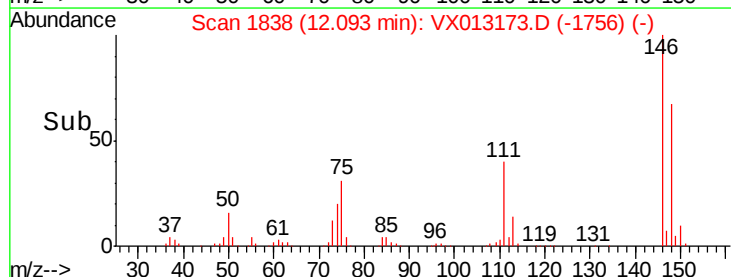
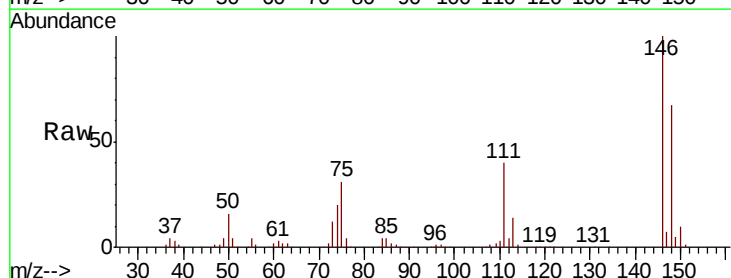
Instrument :
 MSVOA_X
 ClientSampleId :

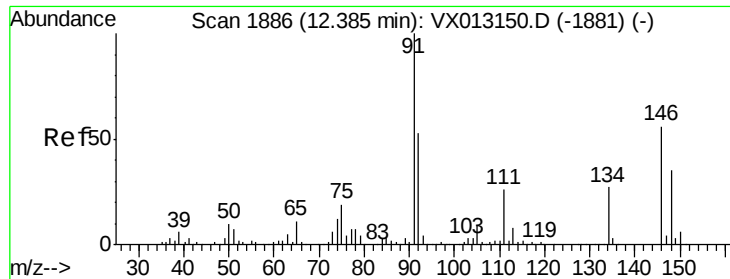
Tot Ion:146 Resp: 77171
 Ion Ratio Lower Upper
 146 100
 111 43.4 21.8 65.4
 148 62.9 31.2 93.6



#84
 1,4-Dichlorobenzene
 Concen: 19.015 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013173.D
 Acq: 22 Oct 2019 13:30

Tgt Ion:146 Resp: 77437
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.3 60.9
 148 66.1 31.4 94.2





#85

n-Butylbenzene

Concen: 18.516 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013173.D

Acq: 22 Oct 2019 13:30

Instrument :

MSVOA_X

ClientSampleId :

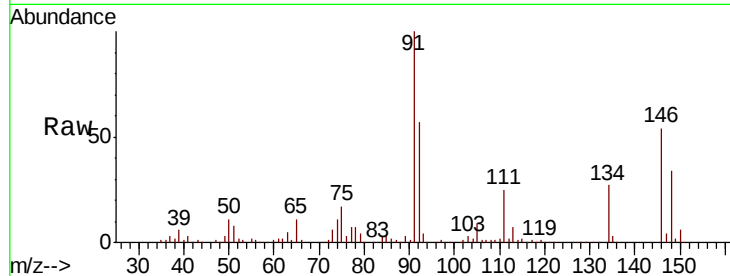
Tot Ion: 91 Resp: 130107

Ion Ratio Lower Upper

91 100

92 57.1 0.0 106.8

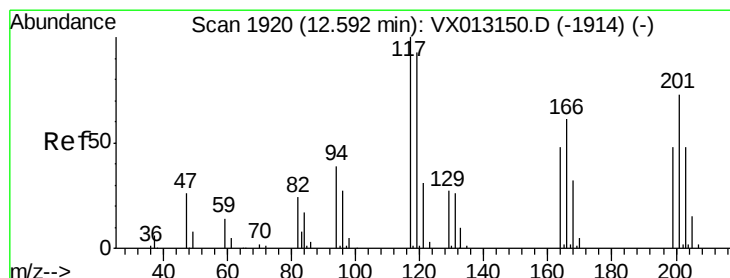
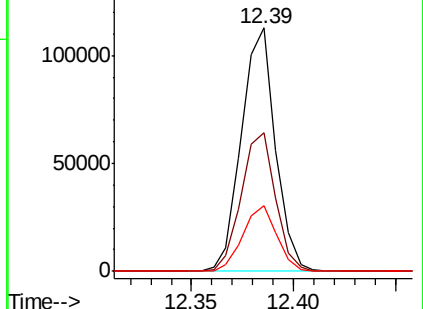
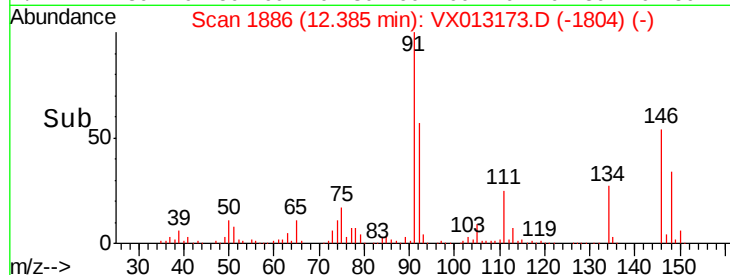
134 27.0 0.0 52.4



Abundance Ion 91.00 (90.70 to 91.70): VX013173.D (-1881) (-)

Ion 92.00 (91.70 to 92.70): VX013173.D (-1881) (-)

Ion 134.00 (133.70 to 134.70): VX013173.D (-1881) (-)



#86

Hexachloroethane

Concen: 17.748 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX013173.D

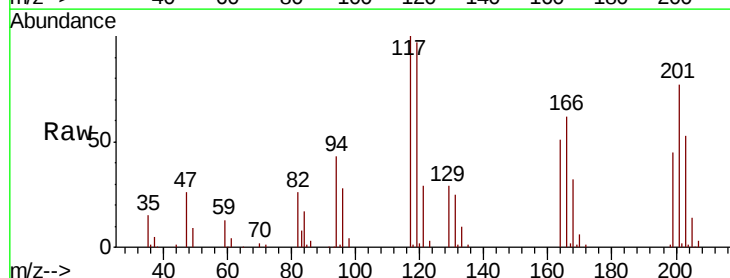
Acq: 22 Oct 2019 13:30

Tgt Ion: 117 Resp: 25625

Ion Ratio Lower Upper

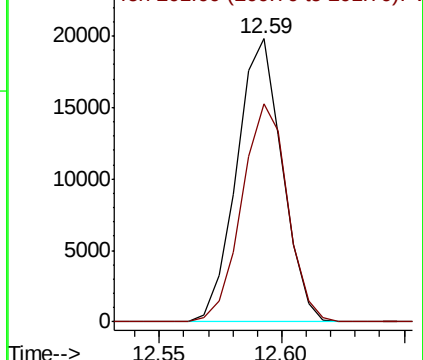
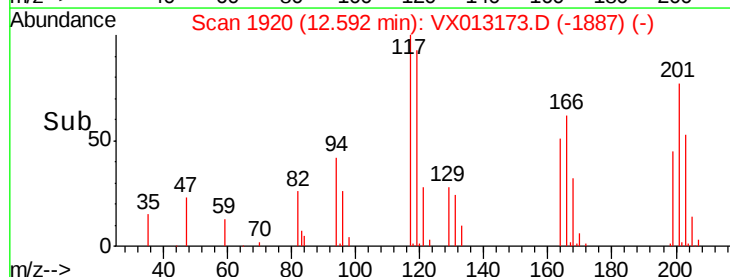
117 100

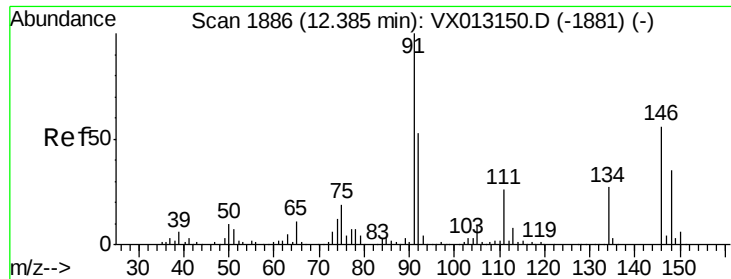
201 77.4 35.9 107.5



Abundance Ion 117.00 (116.70 to 117.70): VX013173.D (-1887) (-)

Ion 201.00 (200.70 to 201.70): VX013173.D (-1887) (-)

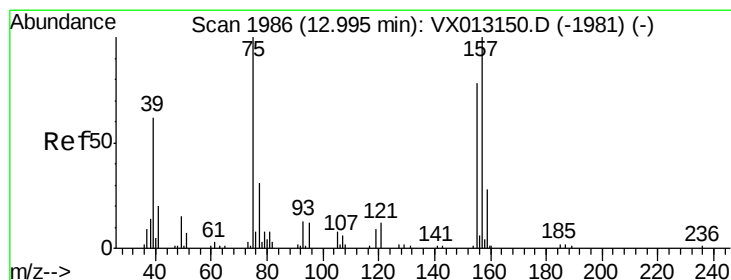
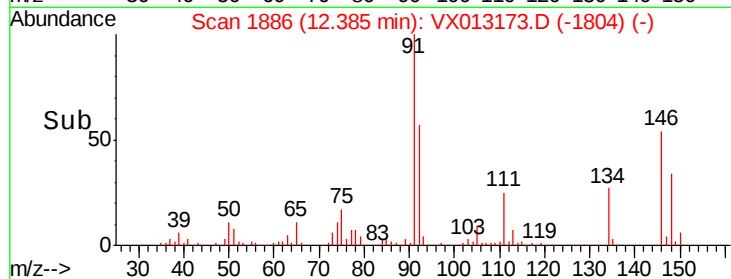
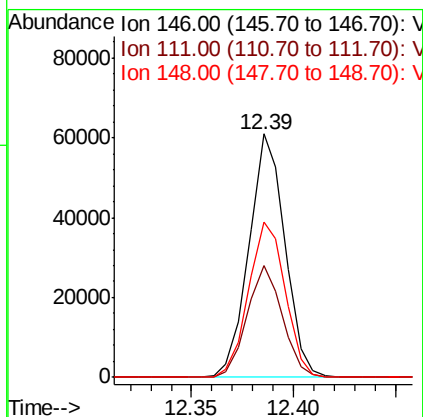
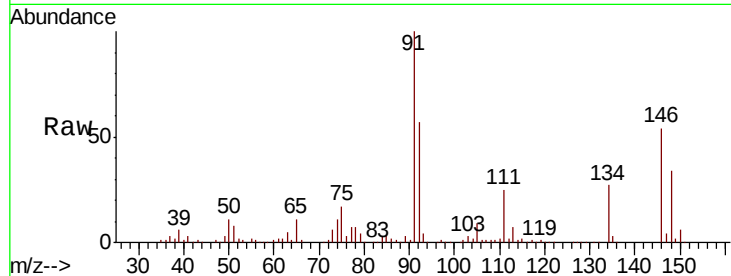




#87
 1,2-Dichlorobenzene
 Concen: 18.727 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013173.D
 Acq: 22 Oct 2019 13:30

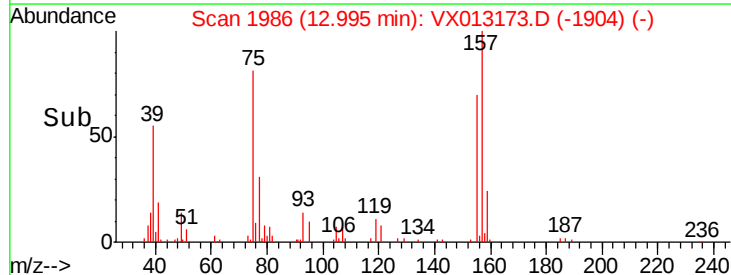
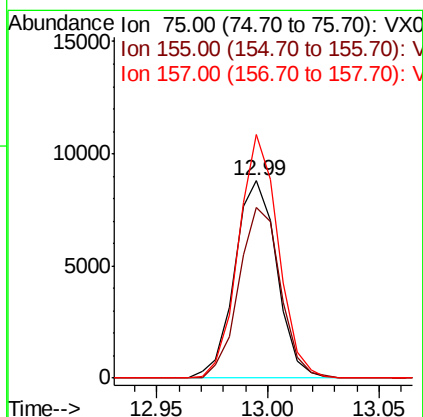
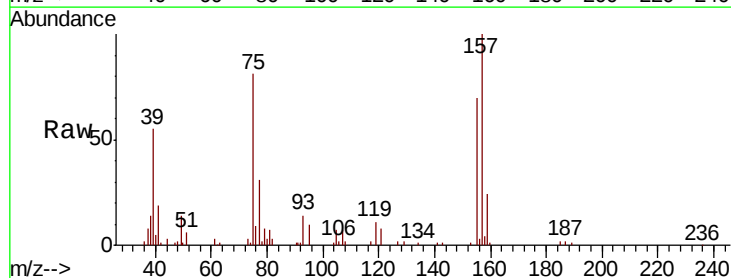
Instrument :
 MSVOA_X
 ClientSampleId :

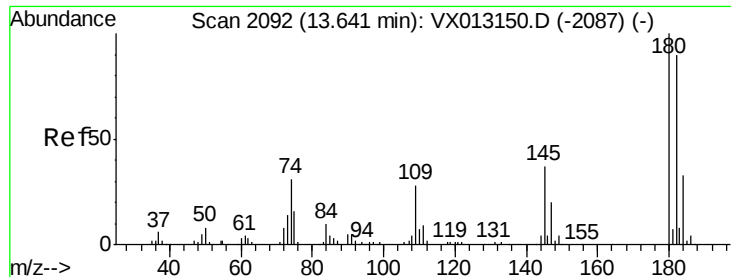
Tot Ion:146 Resp: 74806
 Ion Ratio Lower Upper
 146 100
 111 45.0 22.5 67.5
 148 65.1 31.4 94.2



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 16.417 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX013173.D
 Acq: 22 Oct 2019 13:30

Tgt Ion: 75 Resp: 11647
 Ion Ratio Lower Upper
 75 100
 155 85.6 65.4 98.0
 157 116.1 84.1 126.1

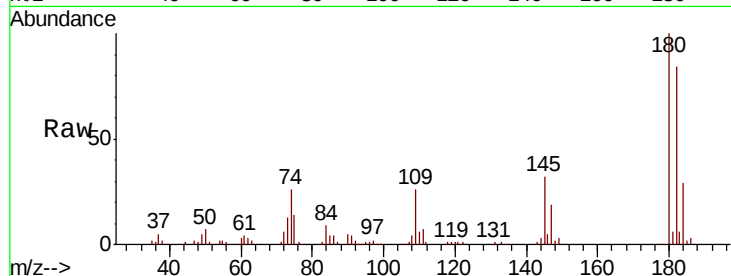




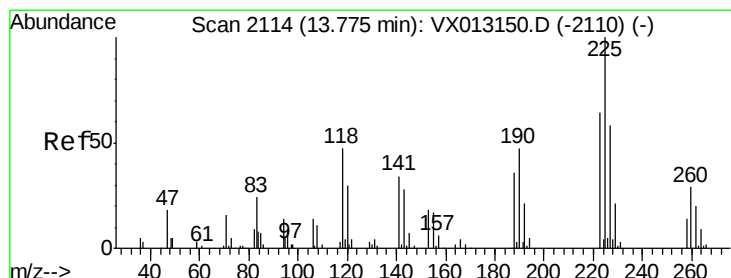
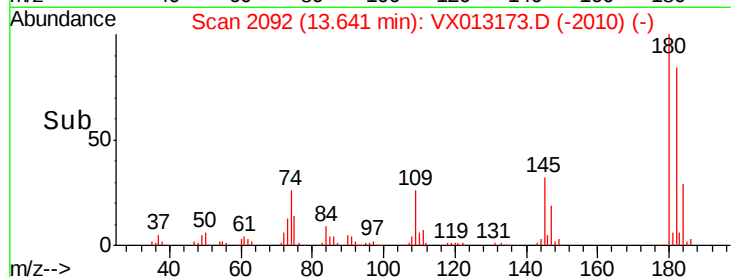
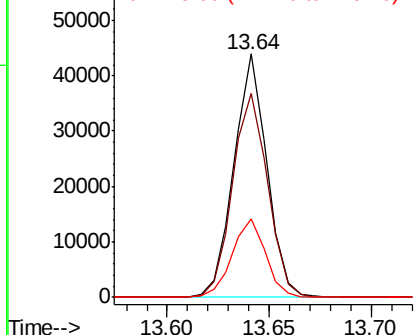
#89
 1,2,4-Trichlorobenzene
 Concen: 19.777 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013173.D
 Acq: 22 Oct 2019 13:30

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:180 Resp: 49131
 Ion Ratio Lower Upper
 180 100
 182 89.1 76.1 114.1
 145 32.5 27.4 41.2

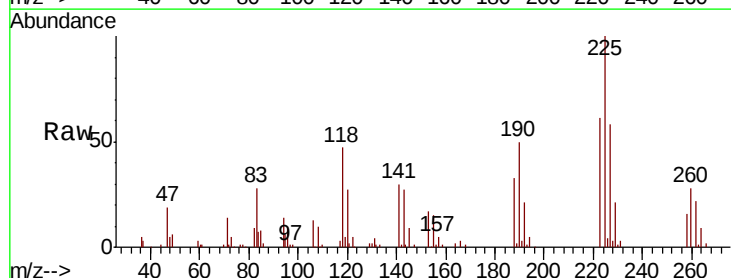


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

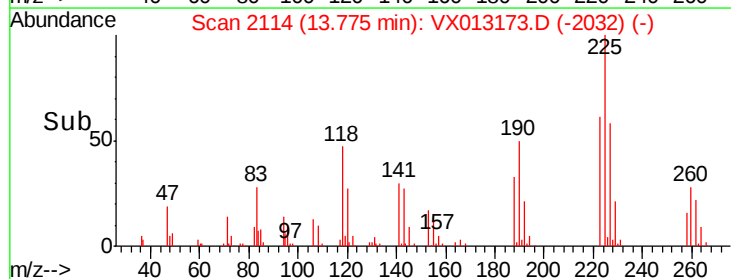
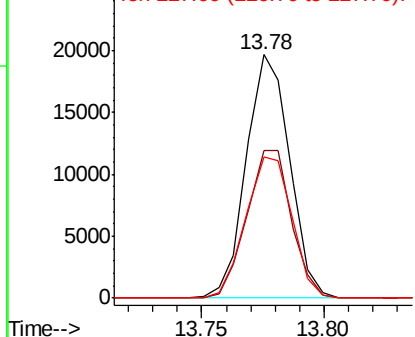


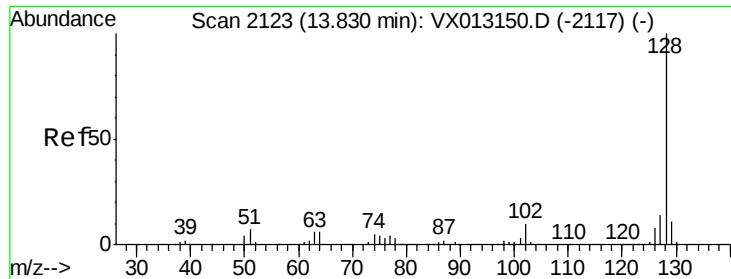
#90
 Hexachlorobutadiene
 Concen: 19.324 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX013173.D
 Acq: 22 Oct 2019 13:30

Tgt Ion:225 Resp: 24374
 Ion Ratio Lower Upper
 225 100
 223 62.7 0.0 131.2
 227 61.8 0.0 127.0



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

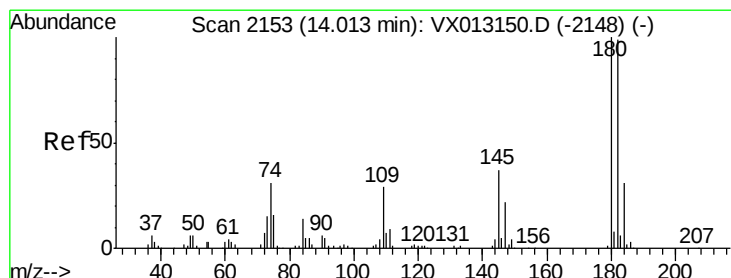
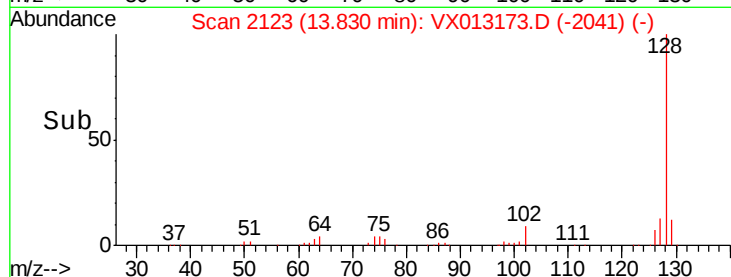
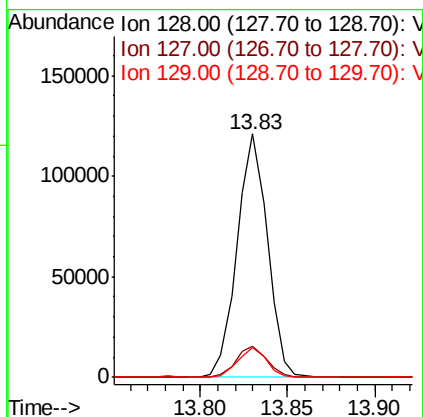
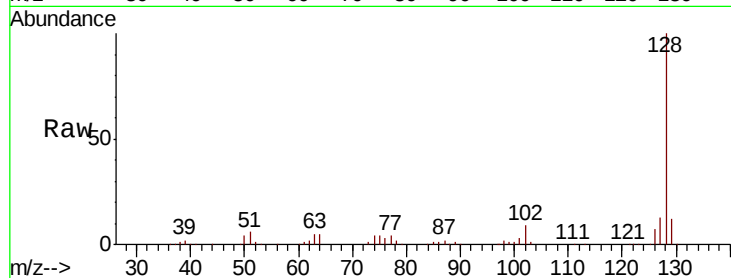




#91
Naphthalene
Concen: 18.123 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013173.D
Acq: 22 Oct 2019 13:30

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 146452
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 11.7 8.6 12.8



#92
1,2,3-Trichlorobenzene
Concen: 18.528 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX013173.D
Acq: 22 Oct 2019 13:30

Tgt Ion:180 Resp: 47158
Ion Ratio Lower Upper
180 100
182 101.4 0.0 194.4
145 34.9 0.0 71.2

