

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102219\
 Data File : VX013171.D
 Acq On : 22 Oct 2019 12:32
 Operator : JC/SP
 Sample : VX1022WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 23 07:44:26 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	26384	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	145781	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	129630	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	59848	28.81	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	96.03%
60) 4-Bromofluorobenzene	11.13	95	67721	30.00	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	100.00%
63) Toluene-d8	8.71	98	176890	30.68	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.27%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	34373	18.145	ug/l 99
3) Chloromethane	1.32	50	30800	18.650	ug/l 95
4) Vinyl Chloride	1.40	62	30585	17.913	ug/l 95
5) Bromomethane	1.63	94	21095	22.896	ug/l 95
6) Chloroethane	1.72	64	20101	18.448	ug/l 97
7) Trichlorofluoromethane	1.92	101	50466	18.392	ug/l 94
8) Diethyl Ether	2.18	74	17444	18.626	ug/l 95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	31248	18.645	ug/l 96
10) 1,1-Dichloroethene	2.36	96	29156	18.013	ug/l 99
11) Methyl Iodide	2.50	142	31522	15.122	ug/l 98
12) Methyl Acetate	2.76	43	37545	17.963	ug/l 100
13) Acrolein	2.28	56	23864	76.700	ug/l 99
14) Acrylonitrile	3.13	53	77940	89.166	ug/l 99
15) Acetone	2.43	58	26865	93.287	ug/l 86
16) Carbon Disulfide	2.56	76	73385	16.978	ug/l 100
17) Allyl chloride	2.72	41	45258	17.579	ug/l 99
18) Methylene Chloride	2.84	84	32690	17.443	ug/l 92
19) trans-1,2-Dichloroethene	3.15	96	31001	18.050	ug/l 95
20) Diisopropyl ether	3.84	45	89434	17.960	ug/l 90
21) 1,1-Dichloroethane	3.69	63	54350	17.976	ug/l 98
22) cis-1,2-Dichloroethene	4.58	96	35323	18.035	ug/l 99
23) tert-Butyl Alcohol	3.02	59	40726	88.435	ug/l # 100
24) Methyl tert-Butyl Ether	3.18	73	101388	18.163	ug/l 96
25) Chloroform	5.20	83	57530	18.107	ug/l 100
26) Cyclohexane	5.57	56	47683	17.974	ug/l # 98
29) 1,1-Dichloropropene	5.79	75	43085	19.025	ug/l # 85
30) 2-Butanone	4.65	43	112616	94.799	ug/l 98
31) 2,2-Dichloropropane	4.57	77	48899	18.676	ug/l 97
32) 1,1,1-Trichloroethane	5.48	97	51061	18.632	ug/l 99
33) Carbon Tetrachloride	5.77	117	43998	18.680	ug/l 94
34) Benzene	6.13	78	123509	18.944	ug/l 97
35) Methacrylonitrile	5.03	41	21843	17.929	ug/l 97
36) 1,2-Dichloroethane	6.18	62	47346	19.211	ug/l 98
37) Trichloroethene	7.20	130	34299	18.966	ug/l 87
38) Methylcyclohexane	7.45	83	52141	18.878	ug/l 99
39) 1,2-Dichloropropane	7.50	63	30314	18.943	ug/l 95
40) Dibromomethane	7.65	93	21750	19.028	ug/l 98

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 23 07:44:26 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)
41) Bromodichloromethane	7.89	83	42934	18.628	ug/l	92
42) Vinyl Acetate	3.80	43	388821	94.386	ug/l	99
43) Ethyl Acetate	4.81	43	41947	19.360	ug/l	98
44) Isopropyl Acetate	6.43	43	66905	18.373	ug/l	99
45) 1,4-Dioxane	7.73	88	17058	370.403	ug/l	96
46) Methyl methacrylate	7.76	41	32169	17.953	ug/l	98
47) n-amyl Acetate	10.89	43	54808	17.855	ug/l	99
48) t-1,3-Dichloropropene	9.04	75	44943	17.777	ug/l	99
49) cis-1,3-Dichloropropene	8.43	75	51761	18.816	ug/l	95
50) 1,1,2-Trichloroethane	9.21	97	32103	19.018	ug/l	96
51) Ethyl methacrylate	9.17	69	49290	18.622	ug/l	99
52) 1,3-Dichloropropane	9.37	76	53538	18.833	ug/l	100
53) Dibromochloromethane	9.57	129	33232	18.251	ug/l	98
54) 1,2-Dibromoethane	9.67	107	33583	18.607	ug/l	96
55) 2-Chloroethyl vinyl ether	8.30	63	112409	104.549	ug/l	99
56) Bromoform	10.85	173	23378	18.097	ug/l	99
58) 4-Methyl-2-Pentanone	8.64	43	207711	95.092	ug/l	99
59) 2-Hexanone	9.48	43	160000	93.465	ug/l	99
61) Tetrachloroethene	9.33	164	34678	20.179	ug/l	96
62) Toluene	8.78	91	137329	19.625	ug/l	98
64) Chlorobenzene	10.14	112	85558	19.069	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.21	131	32556	19.370	ug/l	98
66) Ethyl Benzene	10.24	91	155781	19.342	ug/l	100
67) m/p-Xylenes	10.35	106	117858	38.503	ug/l	98
68) o-Xylene	10.70	106	56084	19.193	ug/l	96
69) Styrene	10.71	104	97547	19.399	ug/l	99
70) Isopropylbenzene	11.01	105	154836	19.310	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	47102	19.171	ug/l	97
72) 1,2,3-Trichloropropane	11.29	75	54500	25.539	ug/l	92
73) Bromobenzene	11.25	156	36873	19.162	ug/l	98
74) n-propylbenzene	11.35	91	172680	19.621	ug/l	99
75) 2-Chlorotoluene	11.42	91	106608	19.359	ug/l	99
76) 1,3,5-Trimethylbenzene	11.50	105	132964	19.754	ug/l	96
77) t-1,4-Dichloro-2-butene	11.07	75	14565	17.579	ug/l	95
78) 4-Chlorotoluene	11.51	91	120791	19.196	ug/l	97
79) tert-butylbenzene	11.76	119	123669	19.081	ug/l	97
80) 1,2,4-Trimethylbenzene	11.80	105	130722	19.441	ug/l	99
81) sec-Butylbenzene	11.94	105	147593	19.116	ug/l	98
82) p-Isopropyltoluene	12.06	119	139391	19.745	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	67636	19.247	ug/l	98
84) 1,4-Dichlorobenzene	12.09	146	64982	18.697	ug/l	96
85) n-Butylbenzene	12.38	91	109749	18.302	ug/l	98
86) Hexachloroethane	12.59	117	22269	18.073	ug/l	94
87) 1,2-Dichlorobenzene	12.38	146	61799	18.129	ug/l	95
88) 1,2-Dibromo-3-Chloropropan	12.99	75	11172	18.453	ug/l	97
89) 1,2,4-Trichlorobenzene	13.64	180	39817	18.781	ug/l	100
90) Hexachlorobutadiene	13.78	225	19713	18.314	ug/l	97
91) Naphthalene	13.83	128	130682	18.950	ug/l	98
92) 1,2,3-Trichlorobenzene	14.01	180	41652	19.176	ug/l	100

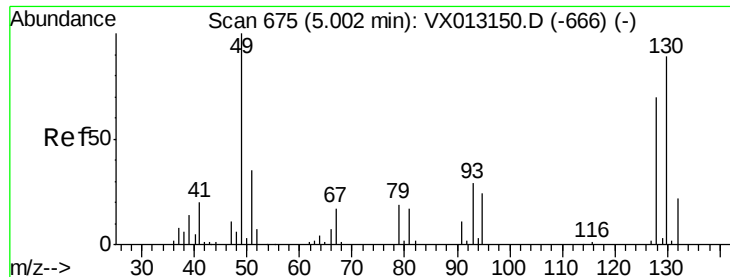
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102219\
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Oct 22 01:53:07 2019
Response via : Initial Calibration

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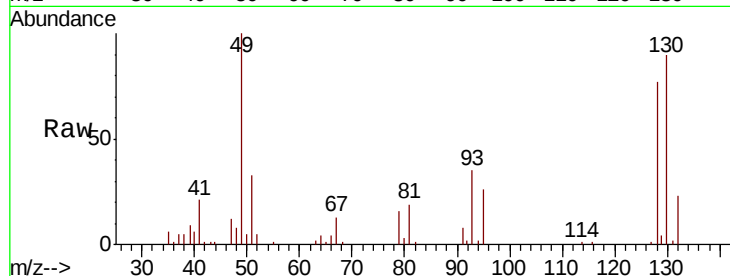
(#) = qualifier out of range (m) = manual integration (+) = signals summed



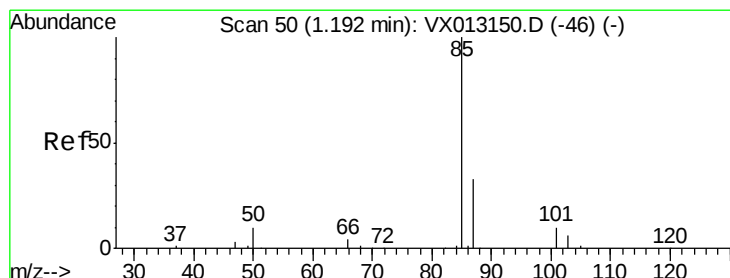
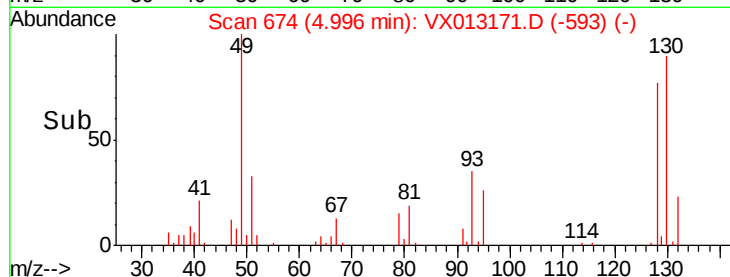
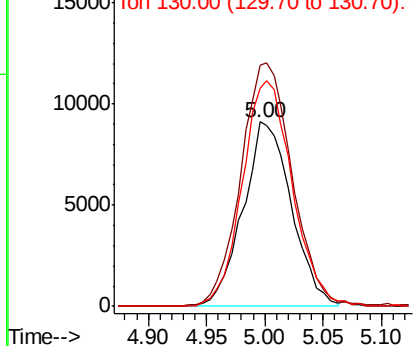
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX013171.D
Acq: 22 Oct 2019 12:32

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 26384
Ion Ratio Lower Upper
128 100
49 140.3 0.0 367.3
130 126.3 0.0 325.0

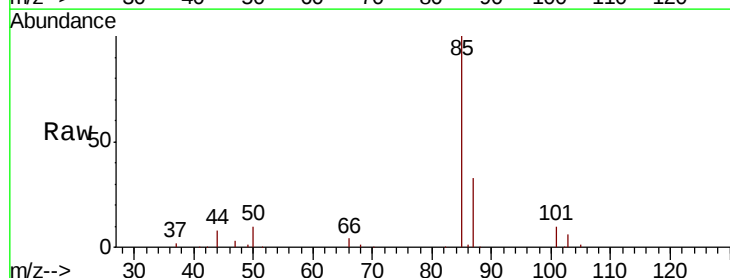


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VX0
Ion 130.00 (129.70 to 130.70): V

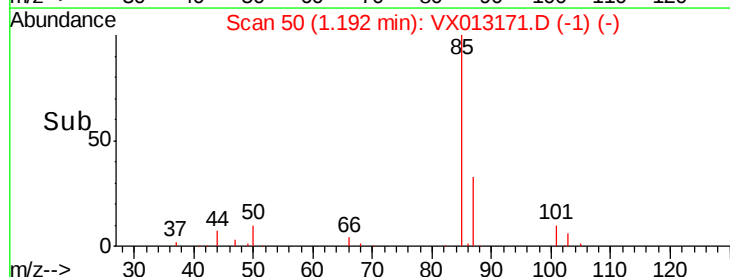
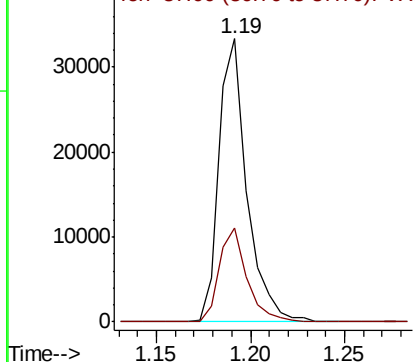


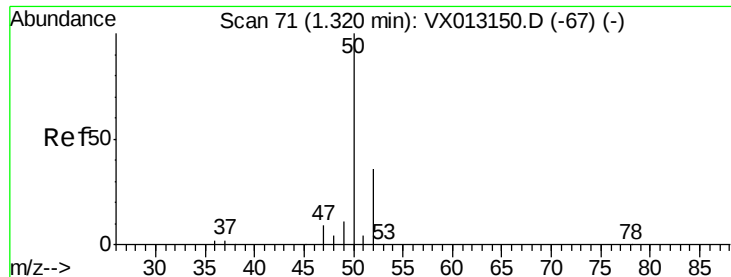
#2
Dichlorodifluoromethane
Concen: 18.145 ug/l
RT: 1.19 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX013171.D
Acq: 22 Oct 2019 12:32

Tgt Ion: 85 Resp: 34373
Ion Ratio Lower Upper
85 100
87 33.4 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: 18.650 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX013171.D

Acq: 22 Oct 2019 12:32

Instrument :

MSVOA_X

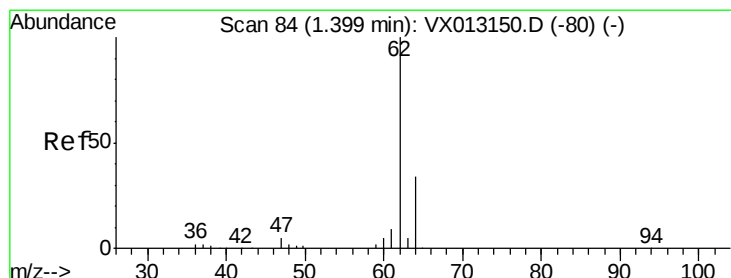
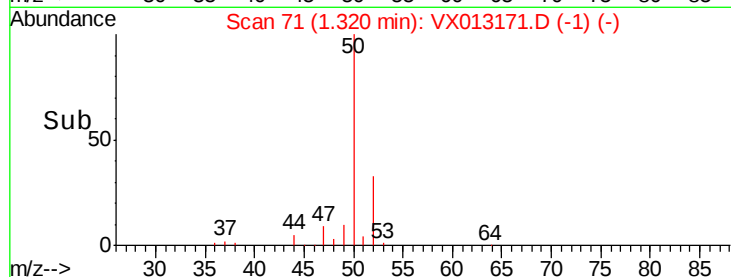
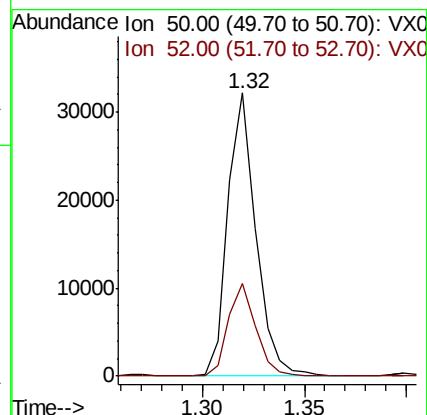
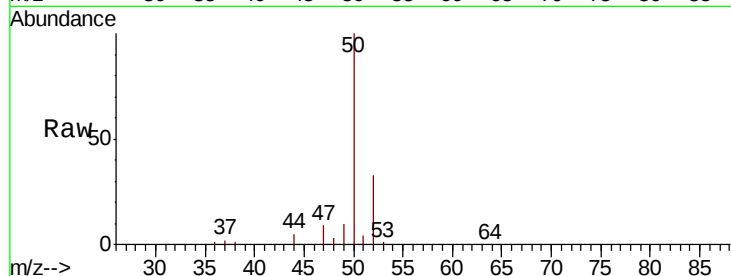
ClientSampleId :

Tot Ion: 50 Resp: 30800

Ion Ratio Lower Upper

50 100

52 32.7 28.6 42.8



#4

Vinyl Chloride

Concen: 17.913 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013171.D

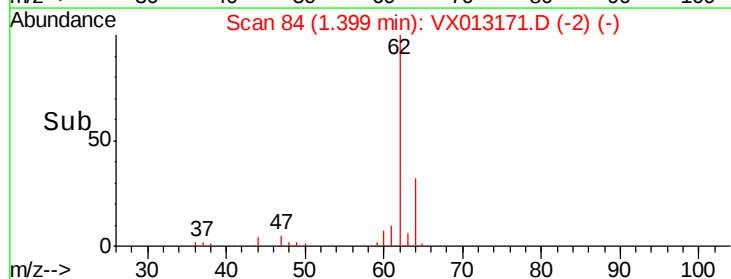
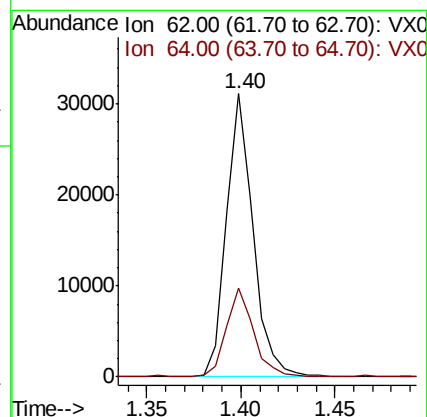
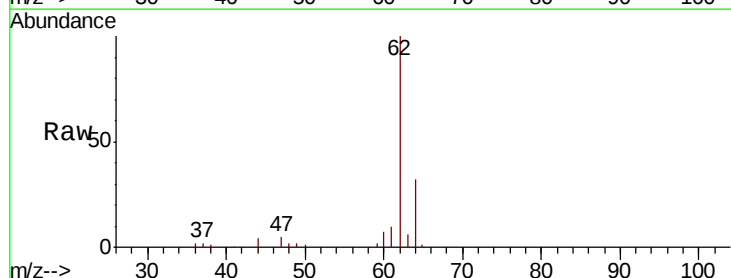
Acq: 22 Oct 2019 12:32

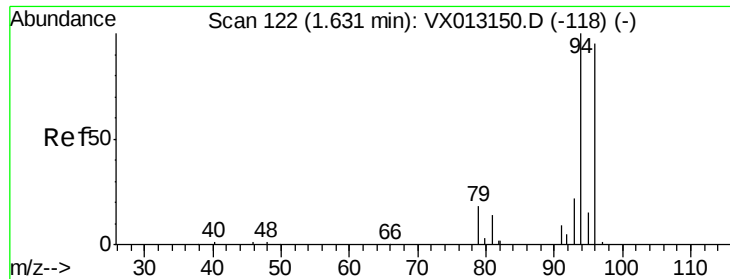
Tgt Ion: 62 Resp: 30585

Ion Ratio Lower Upper

62 100

64 31.3 27.3 40.9





#5

Bromomethane

Concen: 22.896 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013171.D

Acq: 22 Oct 2019 12:32

Instrument :

MSVOA_X

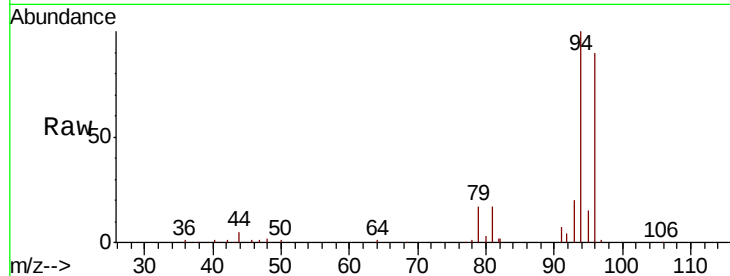
ClientSampleId :

Tot Ion: 94 Resp: 21095

Ion Ratio Lower Upper

94 100

96 90.4 75.9 113.9



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0

1.63

15000

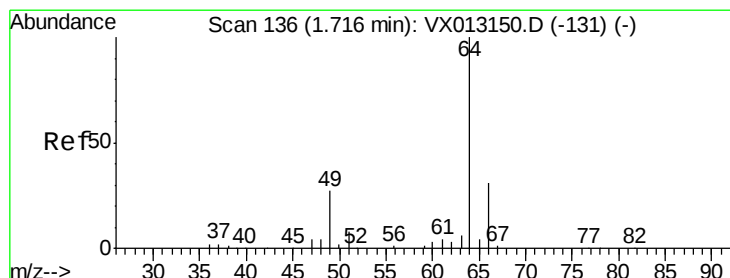
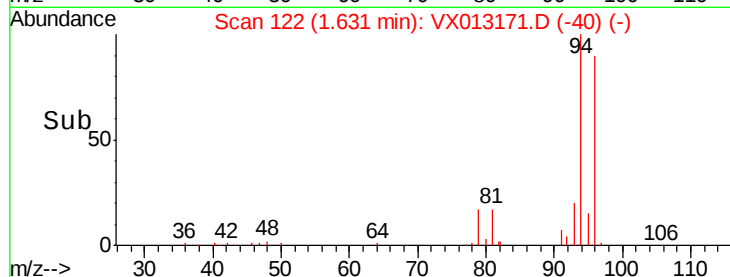
10000

5000

0

1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: 18.448 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.00 min

Lab File: VX013171.D

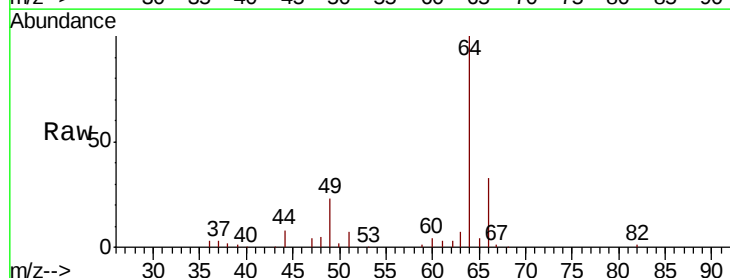
Acq: 22 Oct 2019 12:32

Tgt Ion: 64 Resp: 20101

Ion Ratio Lower Upper

64 100

66 33.5 25.4 38.2



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0

1.72

15000

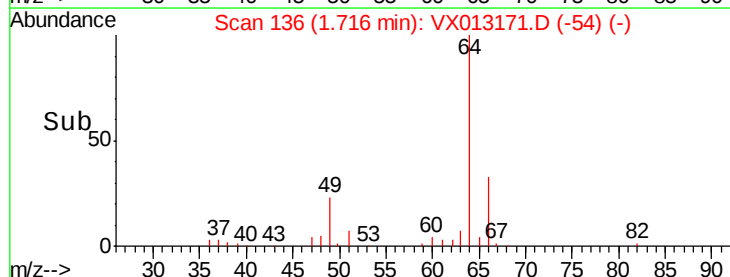
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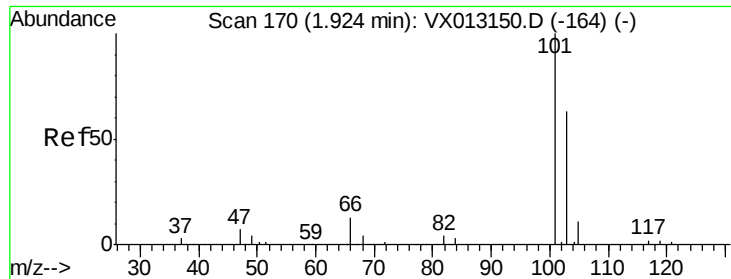
5000

0

1.70 1.75

Time-->



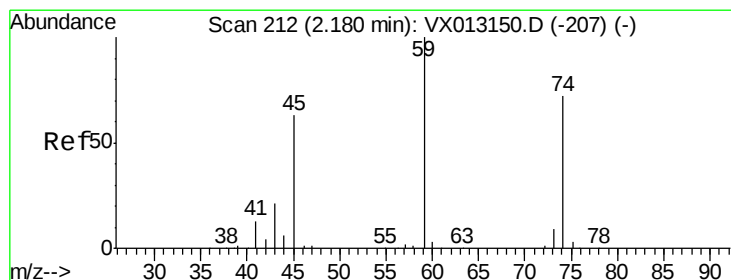
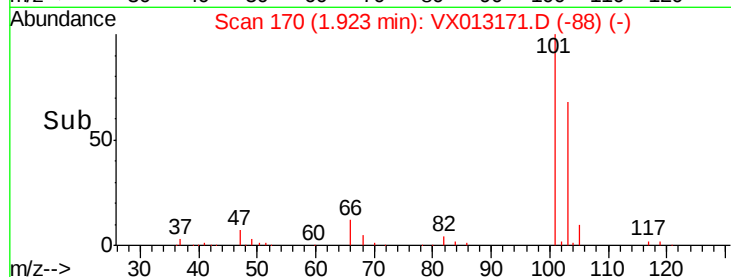
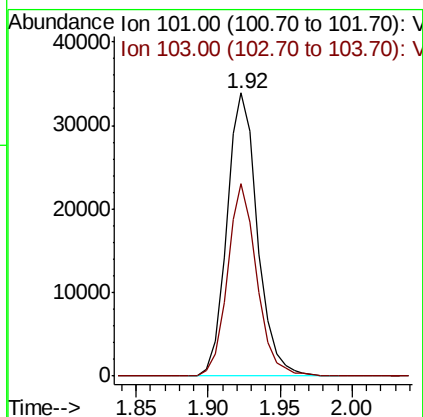
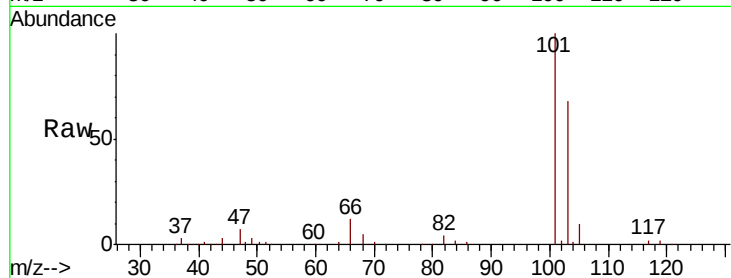


#7

Trichlorofluoromethane
 Concen: 18.392 ug/l
 RT: 1.92 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX013171.D
 Acq: 22 Oct 2019 12:32

Instrument :
 MSVOA_X
 ClientSampleId :

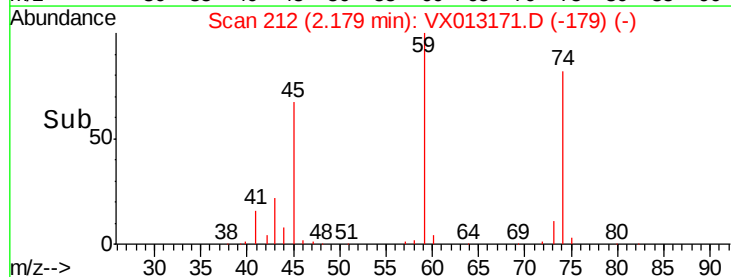
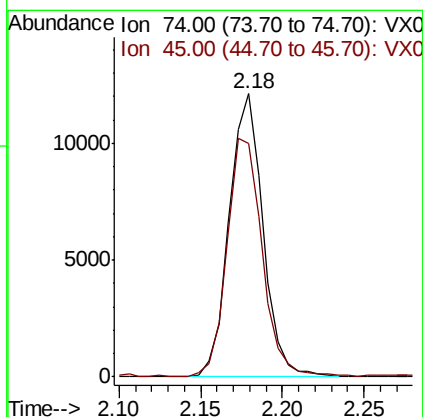
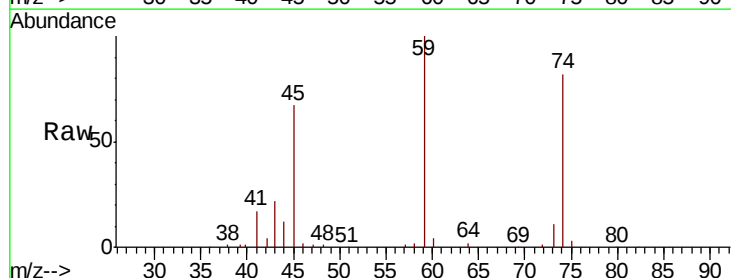
Tot Ion:101 Resp: 50466
 Ion Ratio Lower Upper
 101 100
 103 67.8 50.2 75.4

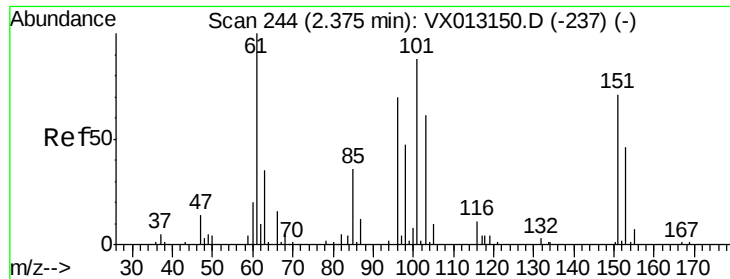


#8

Diethyl Ether
 Concen: 18.626 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX013171.D
 Acq: 22 Oct 2019 12:32

Tgt Ion: 74 Resp: 17444
 Ion Ratio Lower Upper
 74 100
 45 87.5 18.4 165.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.645 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX013171.D

Acq: 22 Oct 2019 12:32

Instrument :

MSVOA_X

ClientSampleId :

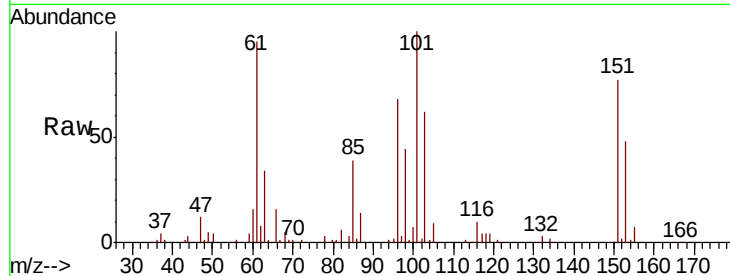
Tot Ion:101 Resp: 31248

Ion Ratio Lower Upper

101 100

85 41.7 0.0 87.2

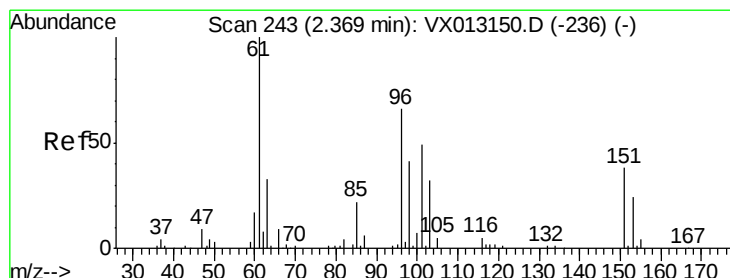
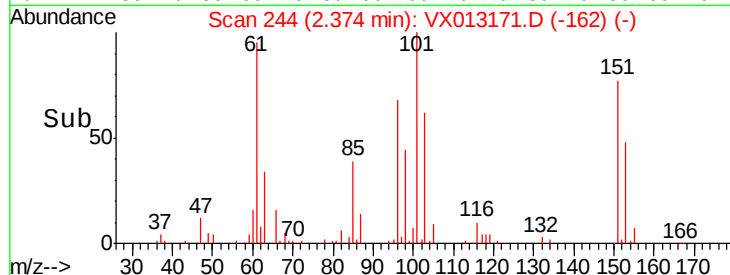
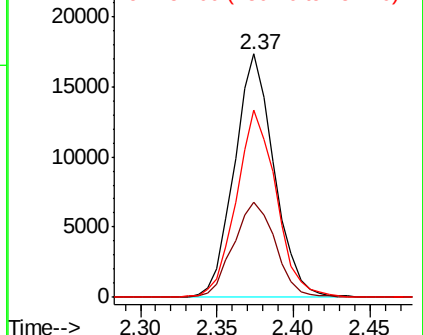
151 77.7 0.0 163.0



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: 18.013 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.01 min

Lab File: VX013171.D

Acq: 22 Oct 2019 12:32

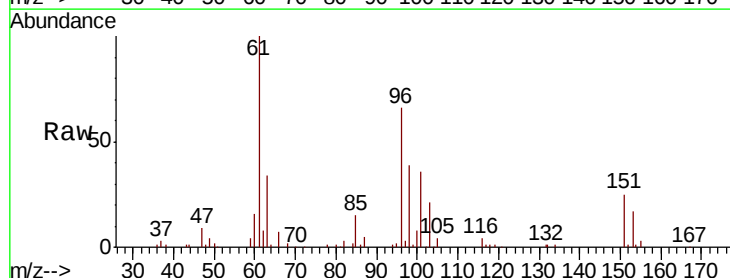
Tgt Ion: 96 Resp: 29156

Ion Ratio Lower Upper

96 100

61 151.4 121.3 181.9

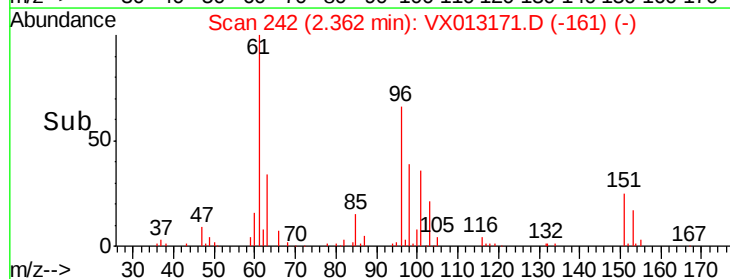
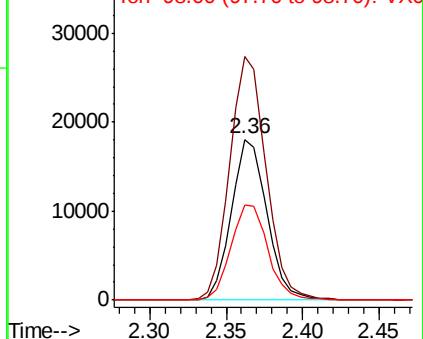
98 59.3 49.5 74.3

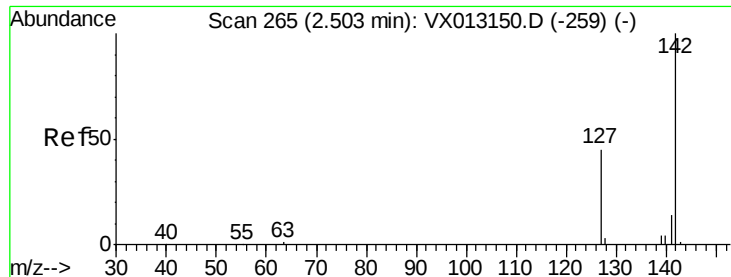


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

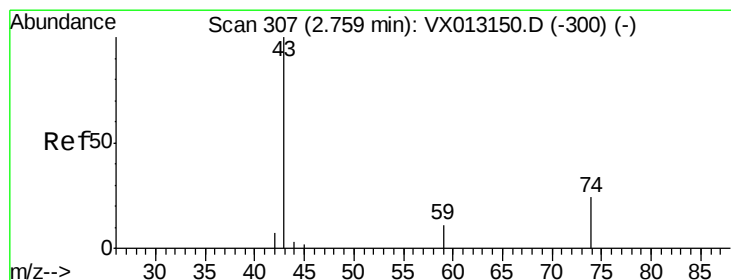
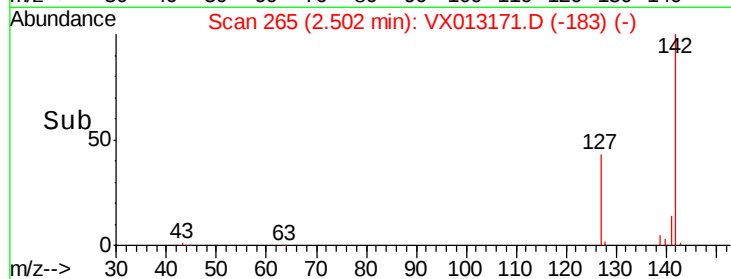
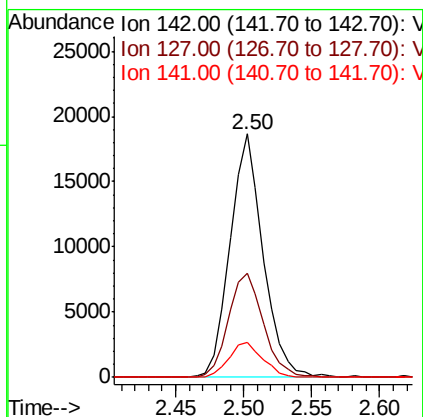
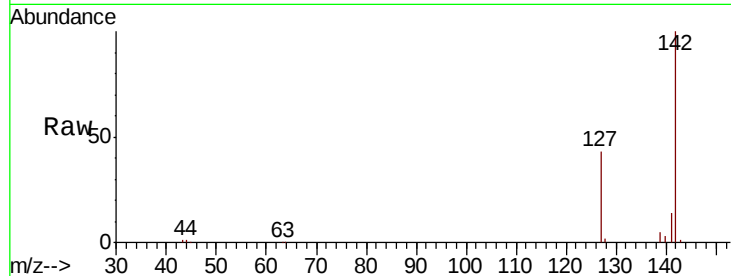




#11
Methvl Iodide
Concen: 15.122 ug/l
RT: 2.50 min Scan# 265
Delta R.T. -0.00 min
Lab File: VX013171.D
Acq: 22 Oct 2019 12:32

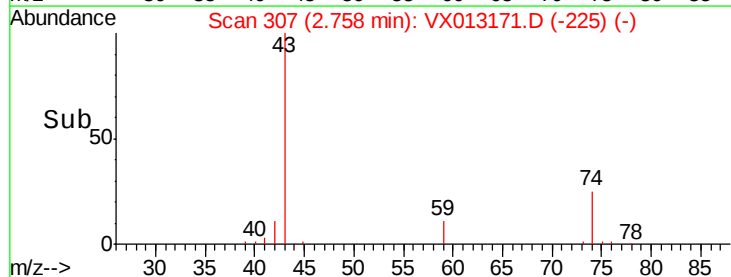
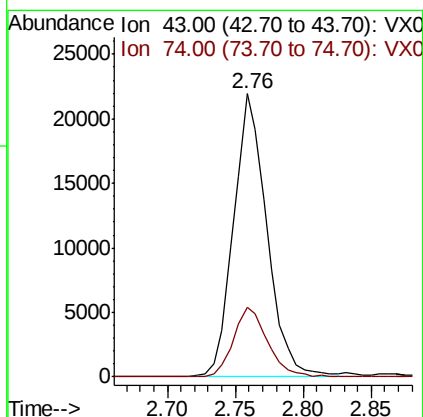
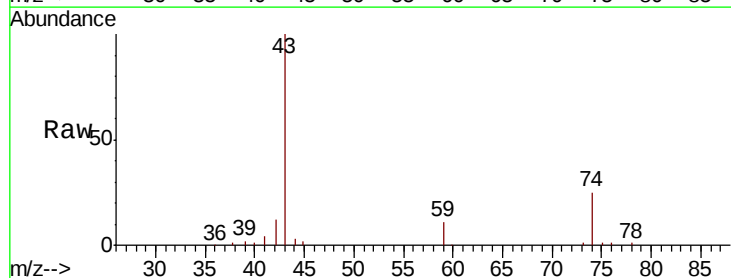
Instrument :
MSVOA_X
ClientSampleId :

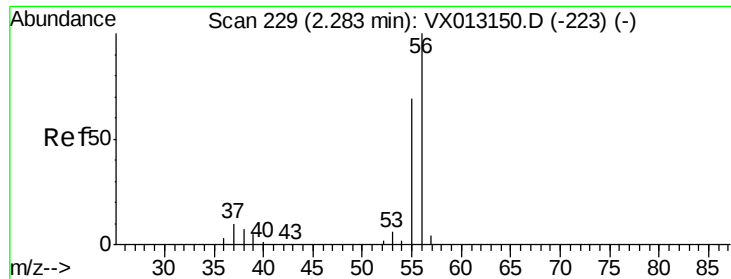
Tot Ion:142 Resp: 31522
Ion Ratio Lower Upper
142 100
127 42.9 22.3 66.9
141 14.3 7.1 21.3



#12
Methyl Acetate
Concen: 17.963 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.00 min
Lab File: VX013171.D
Acq: 22 Oct 2019 12:32

Tgt Ion: 43 Resp: 37545
Ion Ratio Lower Upper
43 100
74 24.8 19.7 29.5

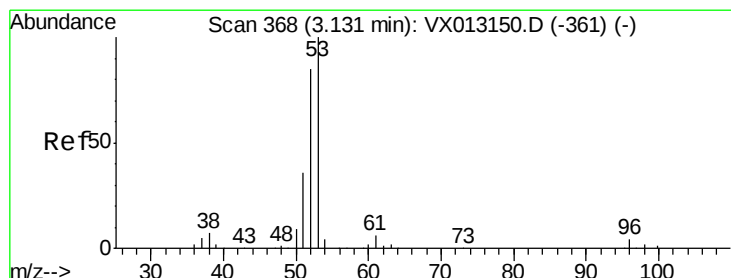
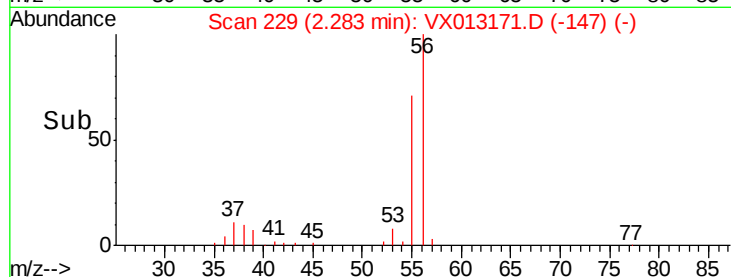
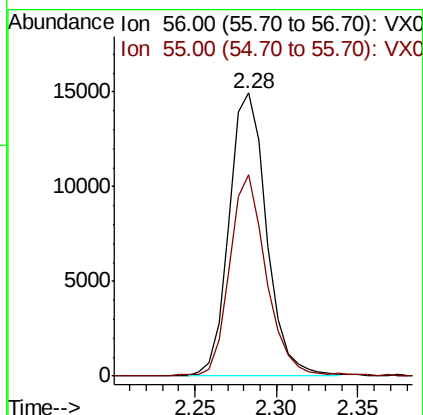
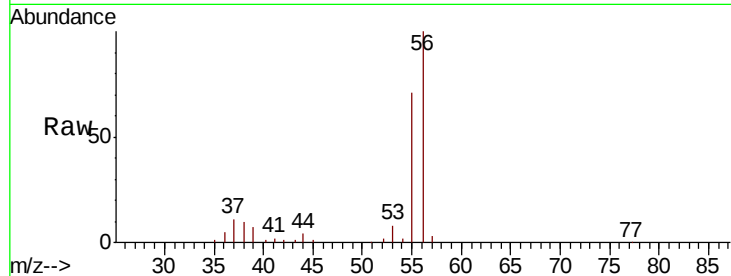




#13
Acrolein
Concen: 76.700 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX013171.D
Acq: 22 Oct 2019 12:32

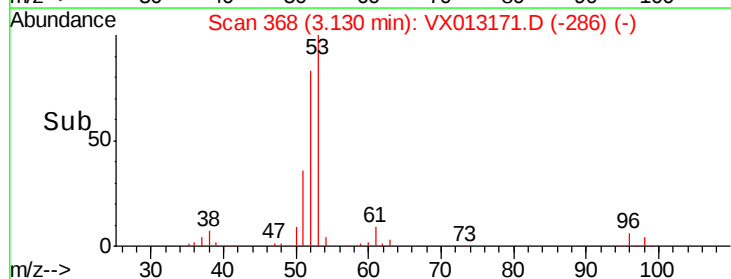
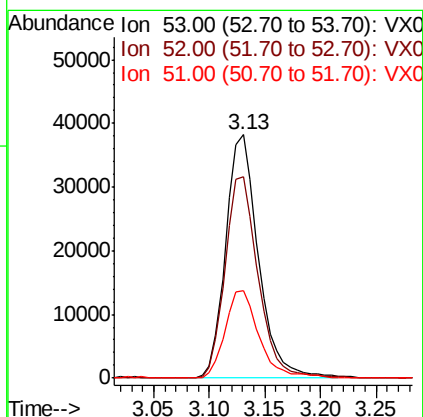
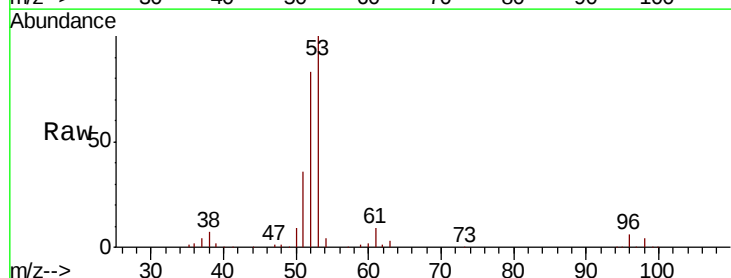
Instrument :
MSVOA_X
ClientSampleId :

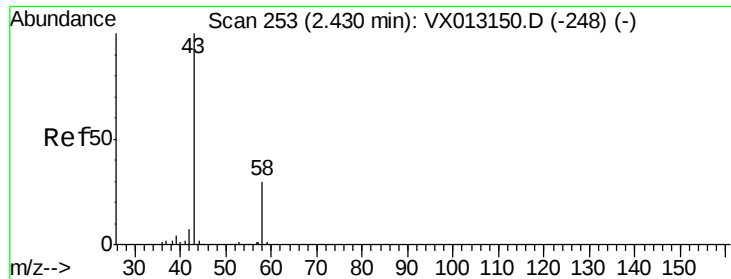
Tot Ion: 56 Resp: 23864
Ion Ratio Lower Upper
56 100
55 68.8 55.8 83.8



#14
Acrylonitrile
Concen: 89.166 ug/l
RT: 3.13 min Scan# 368
Delta R.T. -0.00 min
Lab File: VX013171.D
Acq: 22 Oct 2019 12:32

Tgt Ion: 53 Resp: 77940
Ion Ratio Lower Upper
53 100
52 83.5 42.0 126.0
51 36.2 18.6 56.0





#15

Acetone

Concen: 93.287 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX013171.D

Acq: 22 Oct 2019 12:32

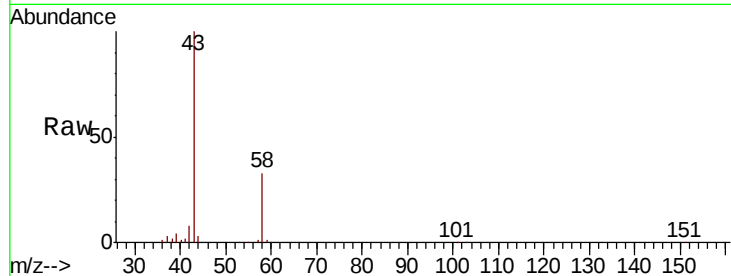
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 58 Resp: 26865

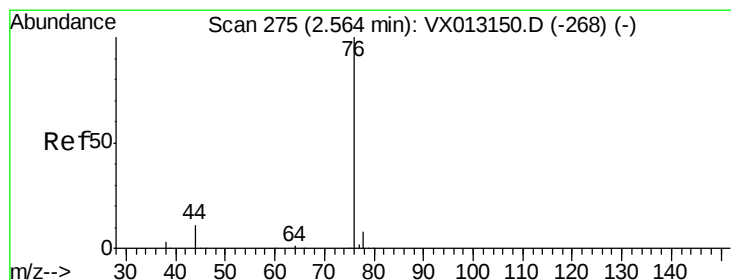
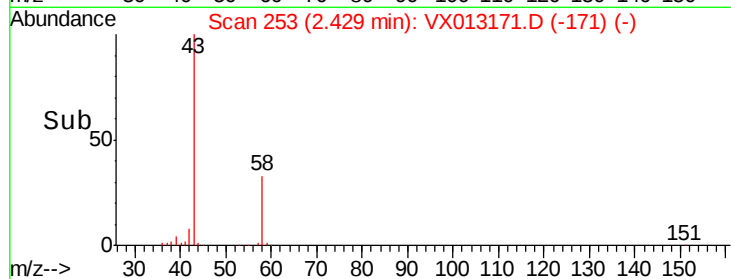
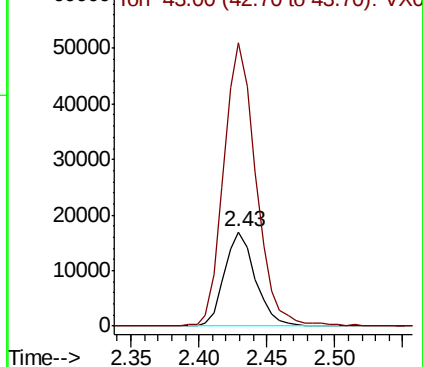
Ion Ratio Lower Upper

58 100

43 299.8 262.8 394.2



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



#16

Carbon Disulfide

Concen: 16.978 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.01 min

Lab File: VX013171.D

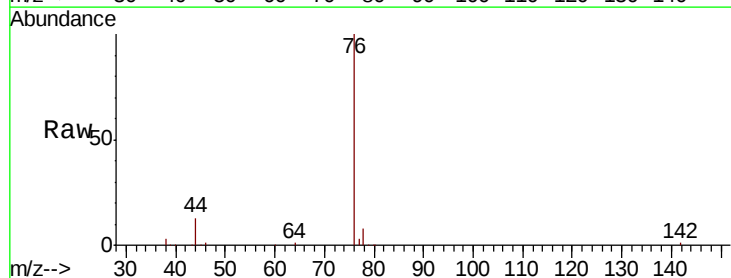
Acq: 22 Oct 2019 12:32

Tgt Ion: 76 Resp: 73385

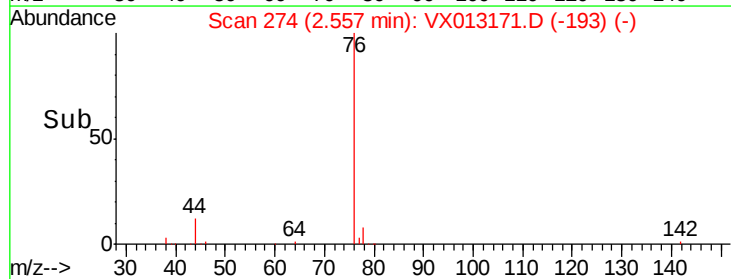
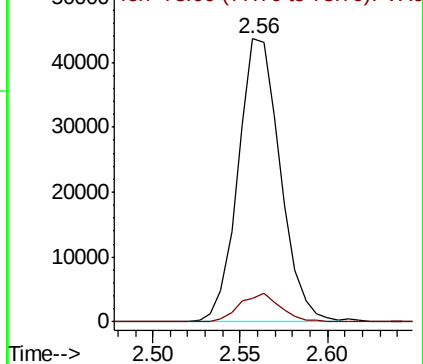
Ion Ratio Lower Upper

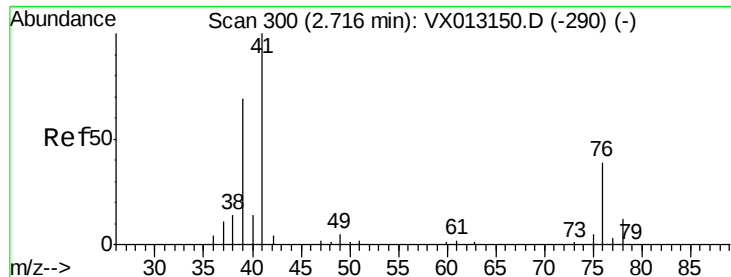
76 100

78 8.5 6.6 10.0



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

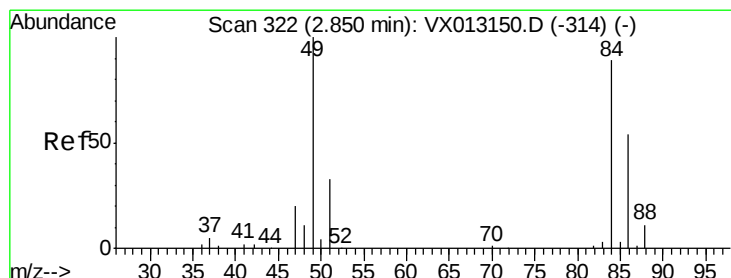
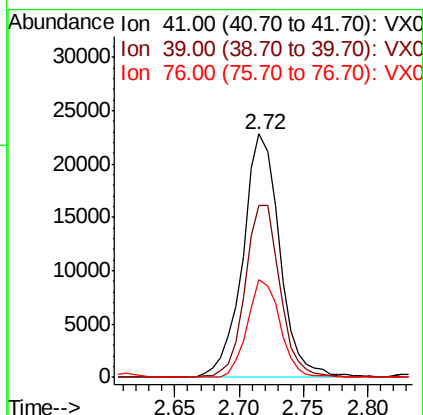
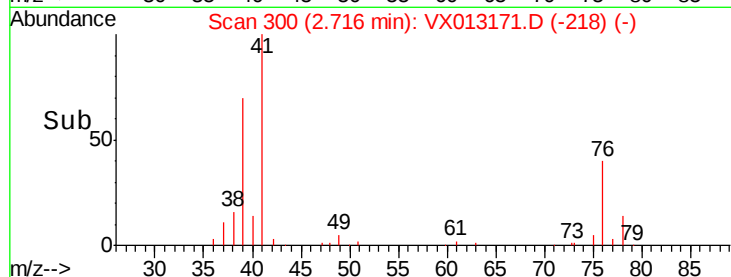
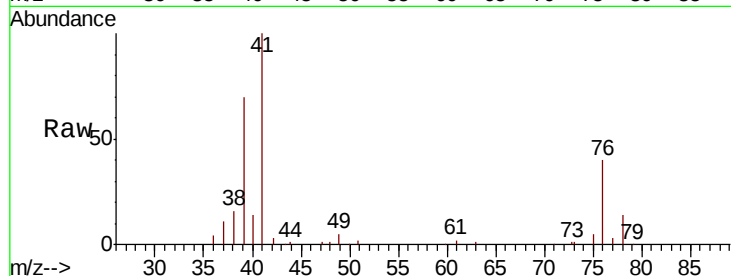




#17
Allvl chloride
Concen: 17.579 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.00 min
Lab File: VX013171.D
Acq: 22 Oct 2019 12:32

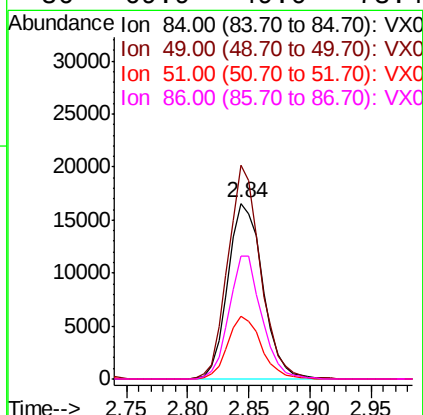
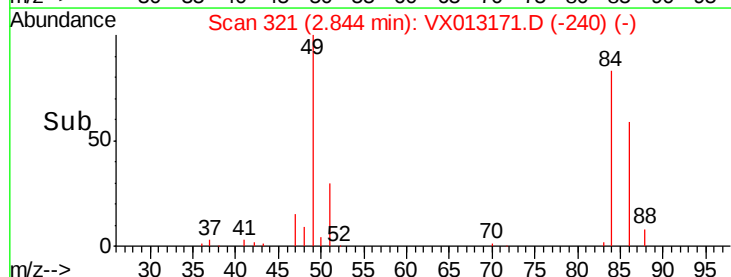
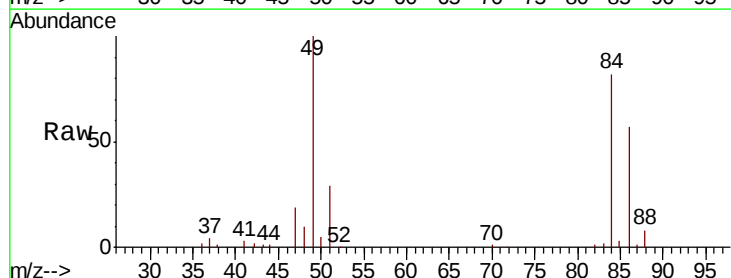
Instrument :
MSVOA_X
ClientSampleId :

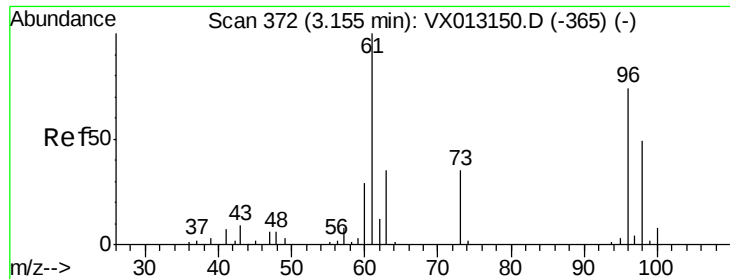
Tot Ion: 41 Resp: 45258
Ion Ratio Lower Upper
41 100
39 70.4 34.7 104.1
76 40.2 19.7 59.0



#18
Methylene Chloride
Concen: 17.443 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX013171.D
Acq: 22 Oct 2019 12:32

Tgt Ion: 84 Resp: 32690
Ion Ratio Lower Upper
84 100
49 121.7 90.3 135.5
51 35.9 29.9 44.9
86 69.9 49.0 73.4

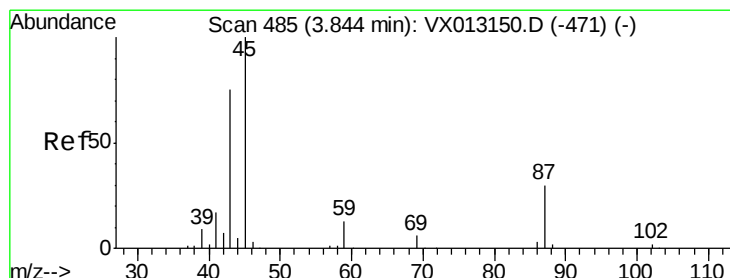
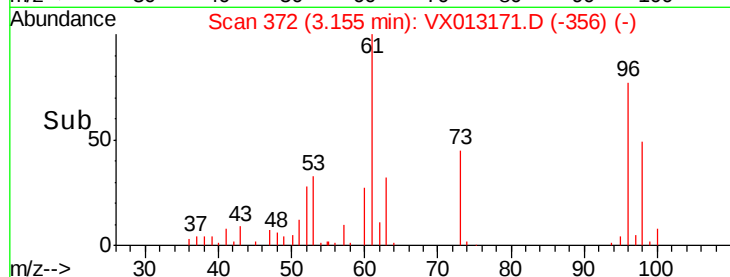
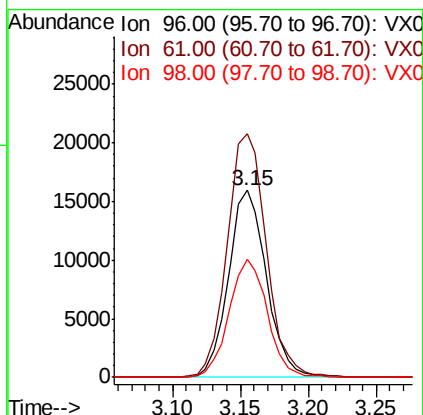
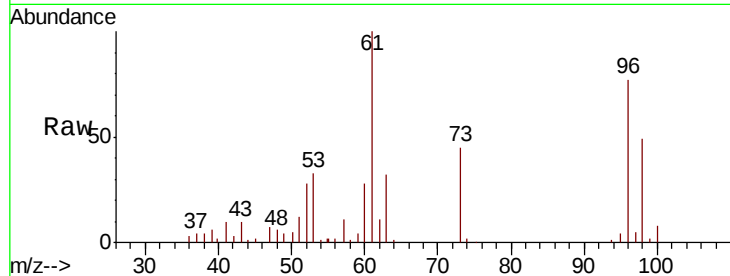




#19
trans-1,2-Dichloroethene
Concen: 18.050 ug/l
RT: 3.15 min Scan# 372
Delta R.T. -0.00 min
Lab File: VX013171.D
Acq: 22 Oct 2019 12:32

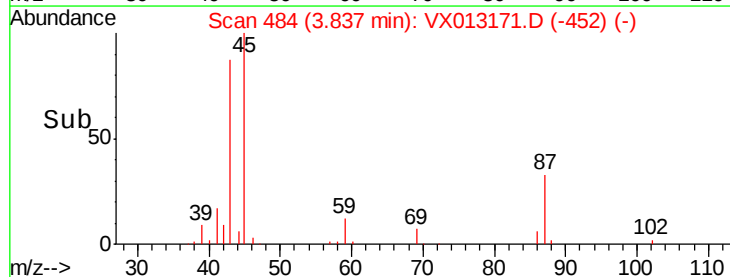
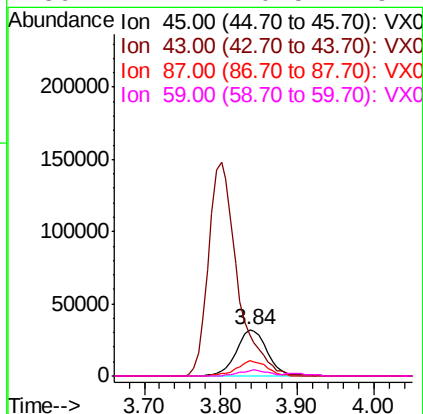
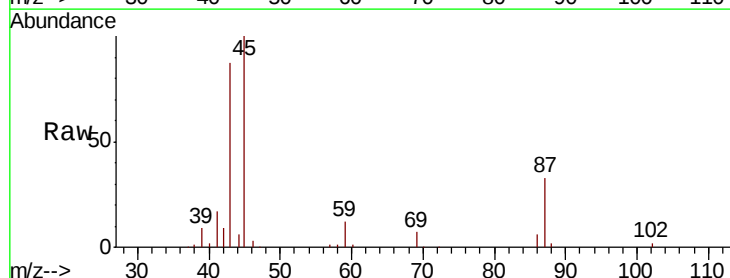
Instrument :
MSVOA_X
ClientSampleId :

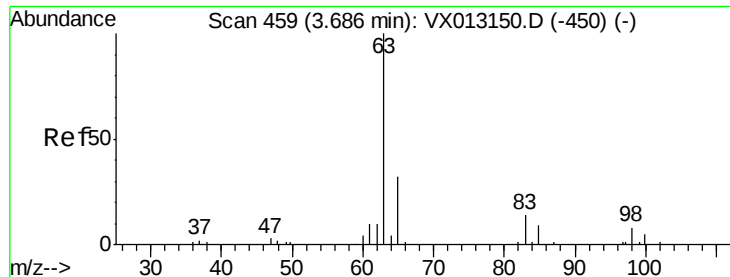
Tot Ion: 96 Resp: 31001
Ion Ratio Lower Upper
96 100
61 129.7 108.6 162.8
98 63.4 53.4 80.0



#20
Diisopropyl ether
Concen: 17.960 ug/l
RT: 3.84 min Scan# 484
Delta R.T. -0.01 min
Lab File: VX013171.D
Acq: 22 Oct 2019 12:32

Tgt Ion: 45 Resp: 89434
Ion Ratio Lower Upper
45 100
43 86.6 60.6 91.0
87 33.0 24.2 36.2
59 12.2 10.5 15.7





#21

1,1-Dichloroethane

Concen: 17.976 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013171.D

Acq: 22 Oct 2019 12:32

Instrument :
MSVOA_X
ClientSampleId :

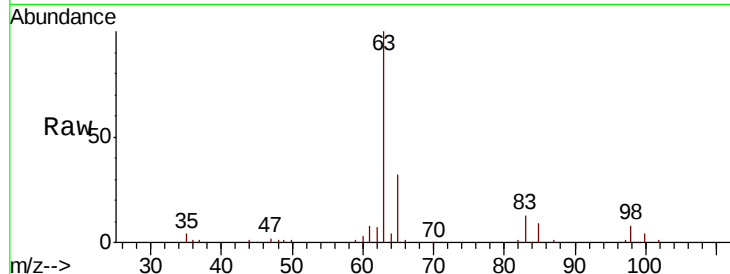
Tot Ion: 63 Resp: 54350

Ion Ratio Lower Upper

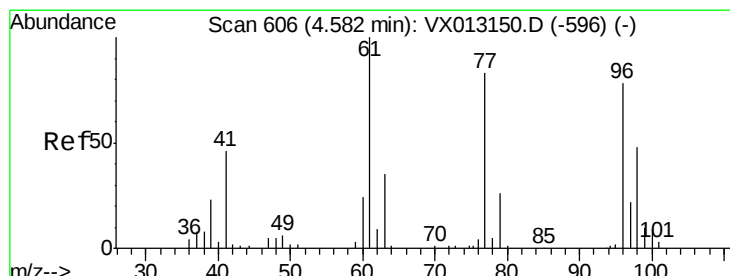
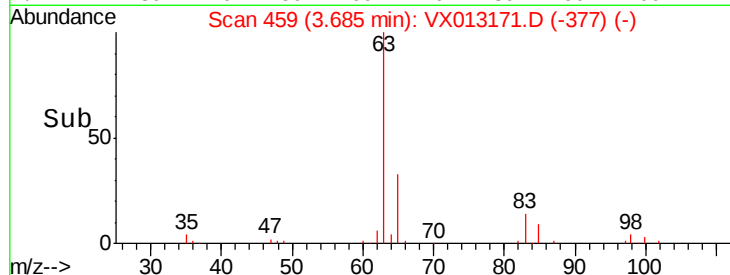
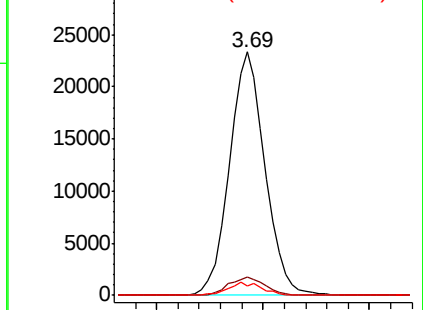
63 100

98 7.6 4.2 12.4

100 3.7 2.4 7.2



Abundance Ion 63.00 (62.70 to 63.70): VX0
Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 18.035 ug/l

RT: 4.58 min Scan# 606

Delta R.T. -0.00 min

Lab File: VX013171.D

Acq: 22 Oct 2019 12:32

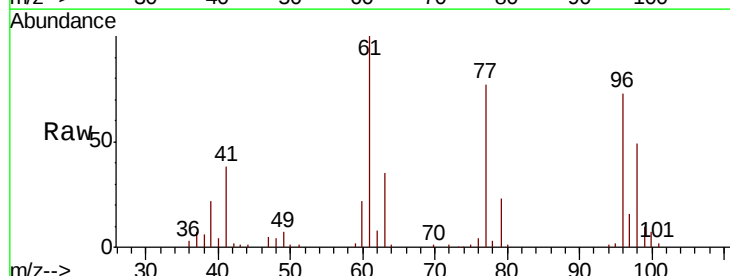
Tgt Ion: 96 Resp: 35323

Ion Ratio Lower Upper

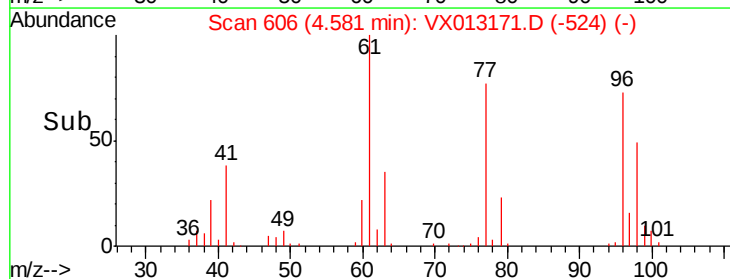
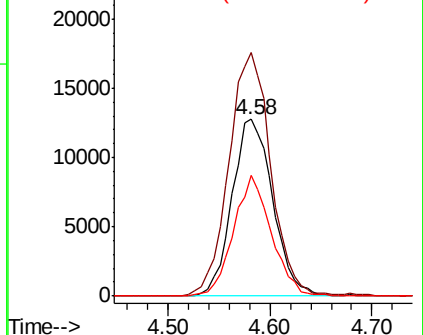
96 100

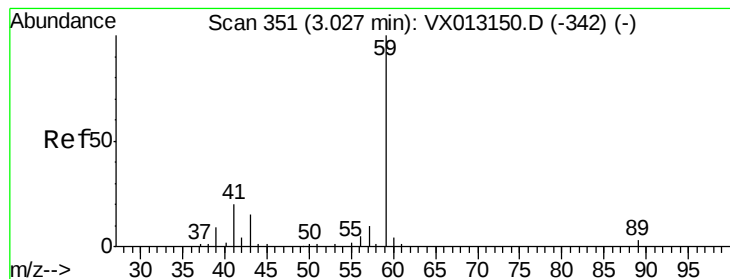
61 141.6 112.5 168.7

98 62.9 51.2 76.8



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





#23

tert-Butyl Alcohol

Concen: 88.435 ug/l

RT: 3.02 min Scan# 350

Delta R.T. -0.01 min

Lab File: VX013171.D

Acq: 22 Oct 2019 12:32

Instrument :

MSVOA_X

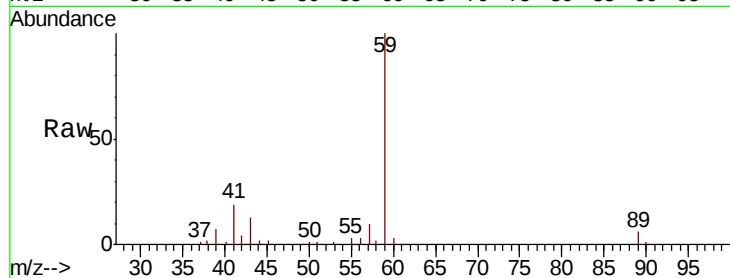
ClientSampleId :

Tot Ion: 59 Resp: 40726

Ion Ratio Lower Upper

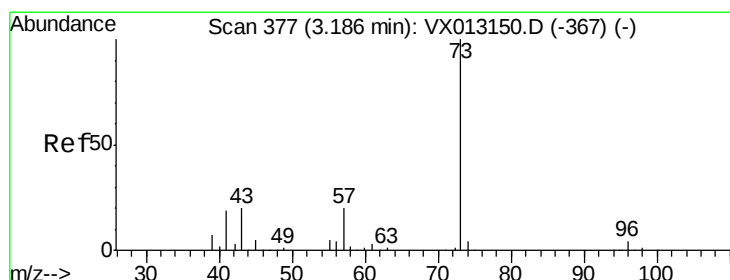
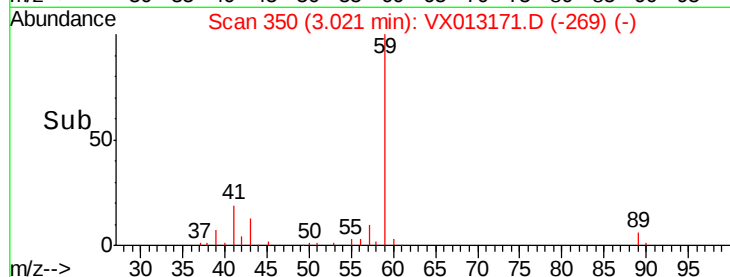
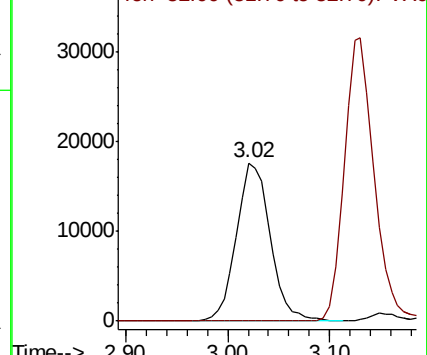
59 100

52 0.1 0.0 0.0#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#24

Methyl tert-Butyl Ether

Concen: 18.163 ug/l

RT: 3.18 min Scan# 376

Delta R.T. -0.01 min

Lab File: VX013171.D

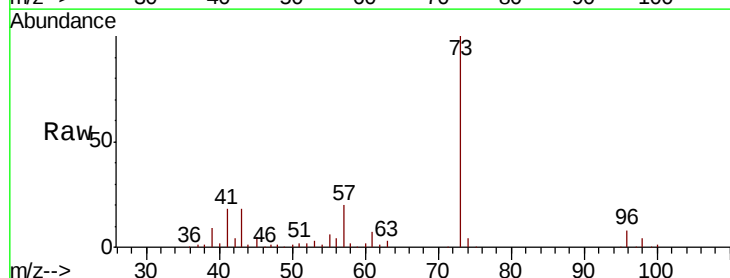
Acq: 22 Oct 2019 12:32

Tgt Ion: 73 Resp: 101388

Ion Ratio Lower Upper

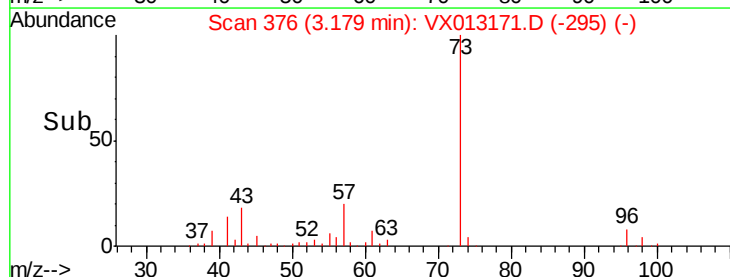
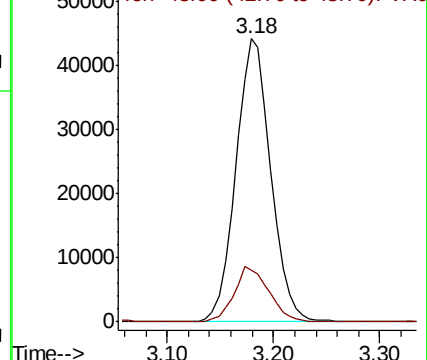
73 100

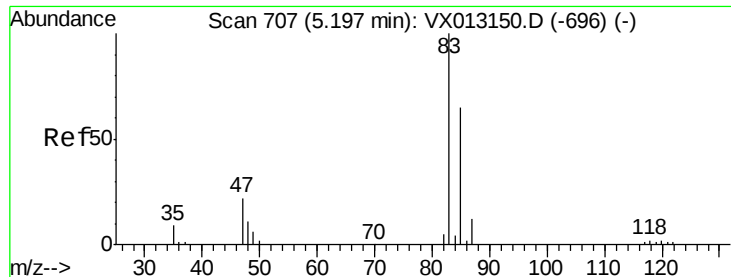
43 19.5 17.1 25.7



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

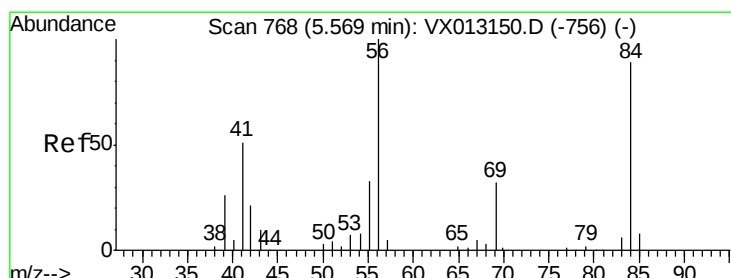
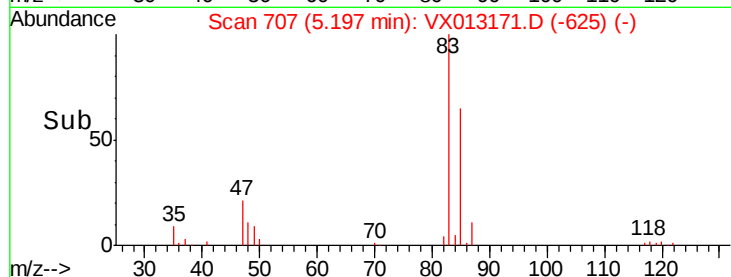
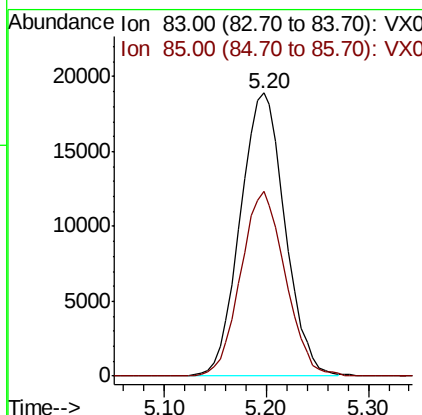
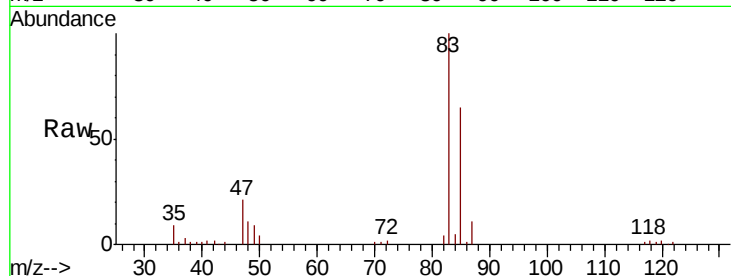




#25
Chloroform
Concen: 18.107 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX013171.D
Acq: 22 Oct 2019 12:32

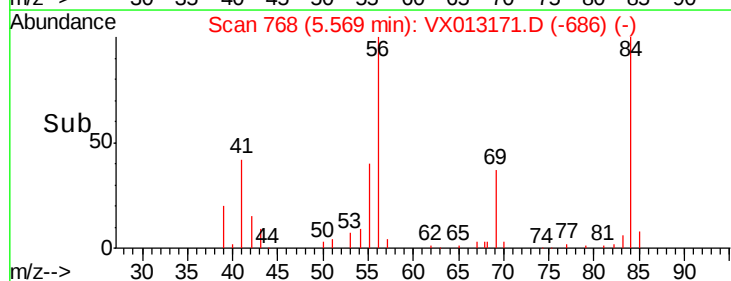
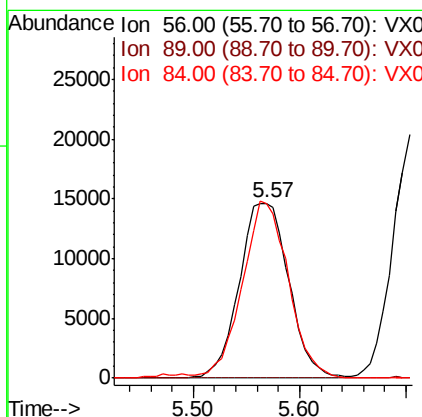
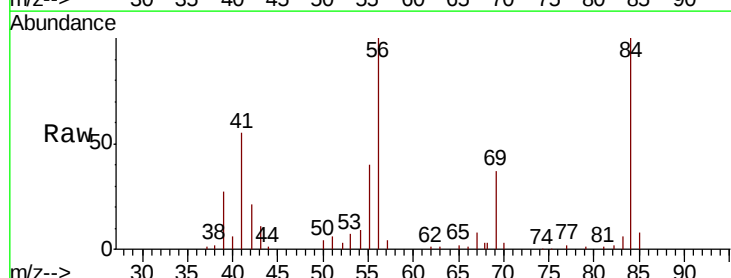
Instrument :
MSVOA_X
ClientSampleId :

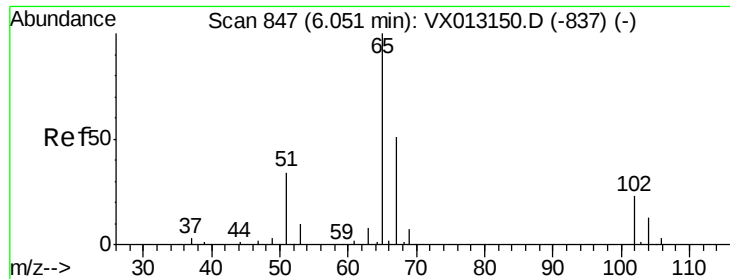
Tot Ion: 83 Resp: 57530
Ion Ratio Lower Upper
83 100
85 65.3 52.0 78.0



#26
Cyclohexane
Concen: 17.974 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013171.D
Acq: 22 Oct 2019 12:32

Tgt Ion: 56 Resp: 47683
Ion Ratio Lower Upper
56 100
89 0.1 0.2 0.2#
84 94.2 74.0 111.0

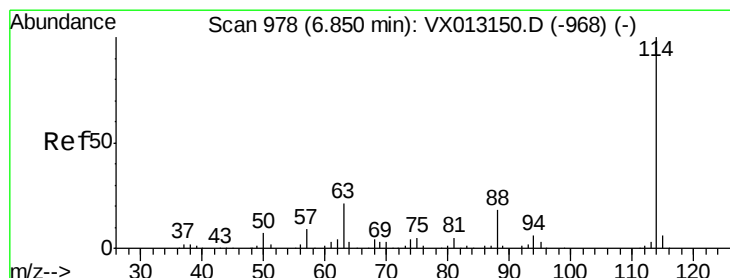
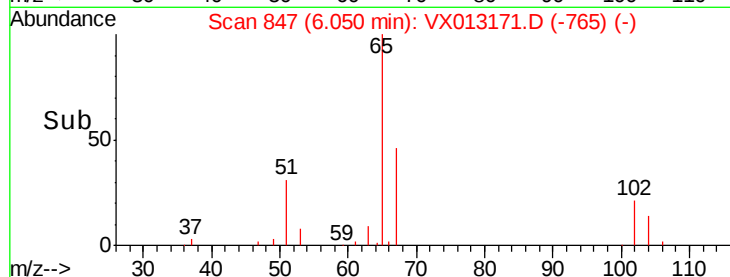
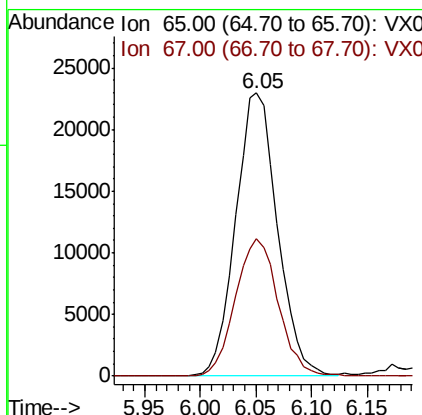
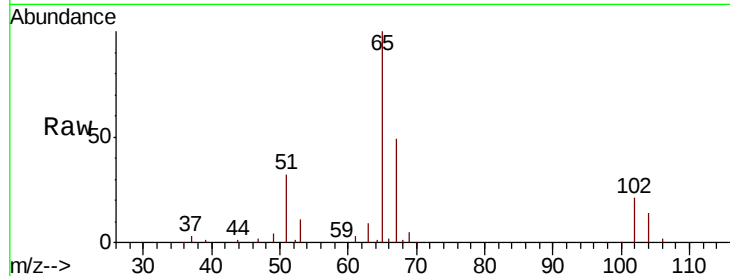




#27
 1,2-Dichloroethane-d4
 Concen: 28.815 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX013171.D
 Acq: 22 Oct 2019 12:32

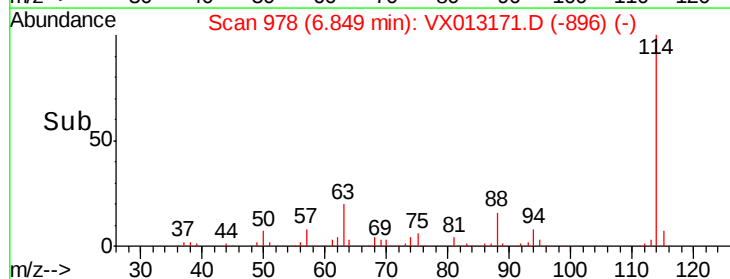
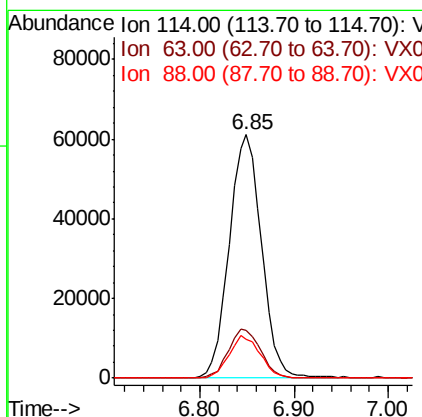
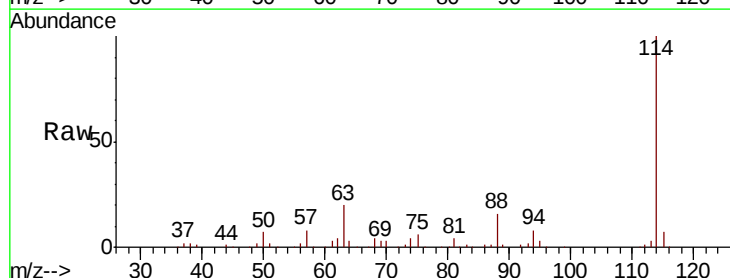
Instrument :
 MSVOA_X
 ClientSampleId :

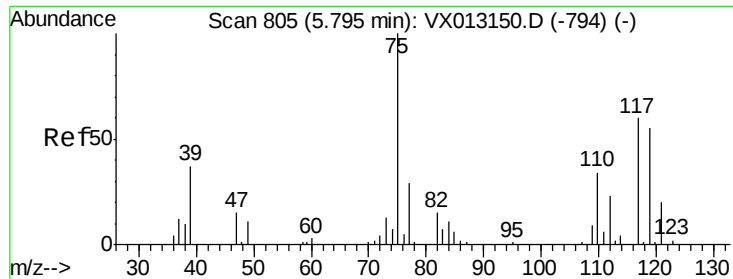
Tot Ion: 65 Resp: 59848
 Ion Ratio Lower Upper
 65 100
 67 49.7 42.2 63.4



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013171.D
 Acq: 22 Oct 2019 12:32

Tgt Ion: 114 Resp: 145781
 Ion Ratio Lower Upper
 114 100
 63 20.2 16.1 24.1
 88 16.9 13.7 20.5





#29

1,1-Dichloropropene

Concen: 19.025 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX013171.D

Acq: 22 Oct 2019 12:32

Instrument :

MSVOA_X

ClientSampleId :

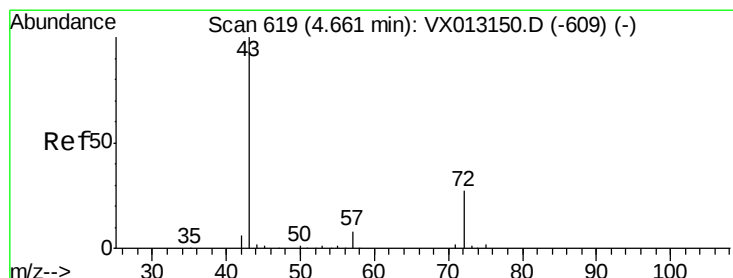
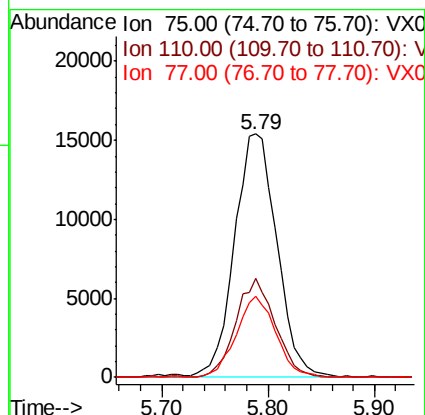
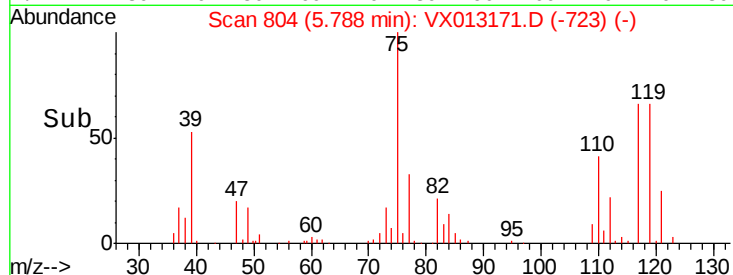
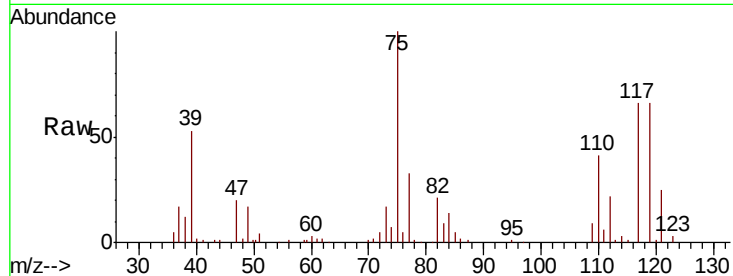
Tot Ion: 75 Resp: 43085

Ion Ratio Lower Upper

75 100

110 37.4 0.0 68.4

77 31.0 0.0 30.8#



#30

2-Butanone

Concen: 94.799 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX013171.D

Acq: 22 Oct 2019 12:32

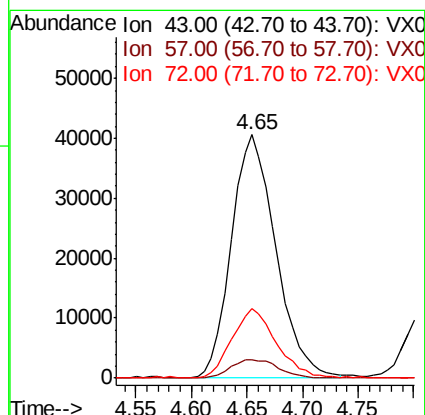
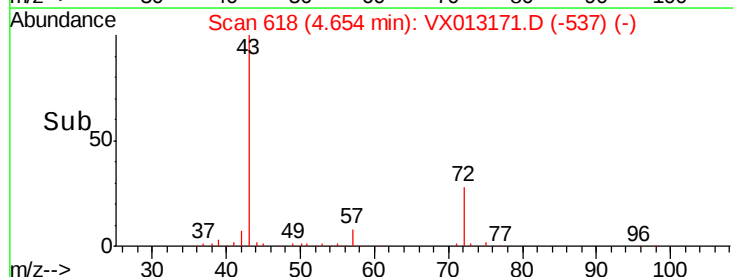
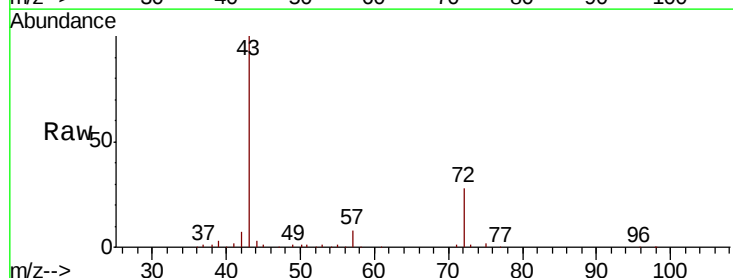
Tgt Ion: 43 Resp: 112616

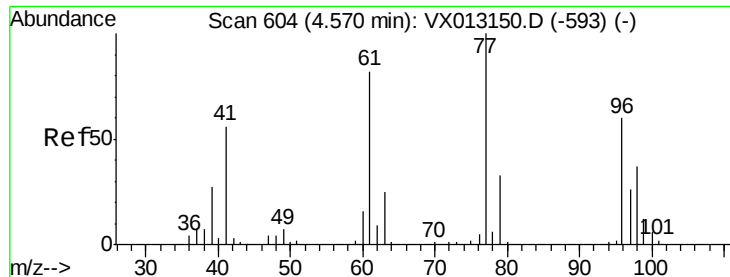
Ion Ratio Lower Upper

43 100

57 8.2 7.0 10.6

72 28.5 23.4 35.2

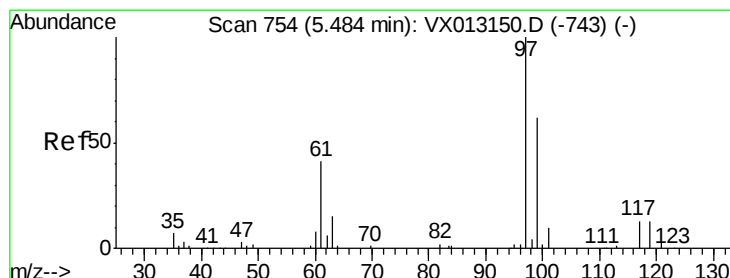
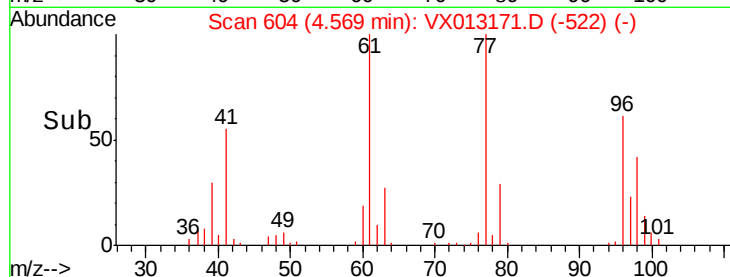
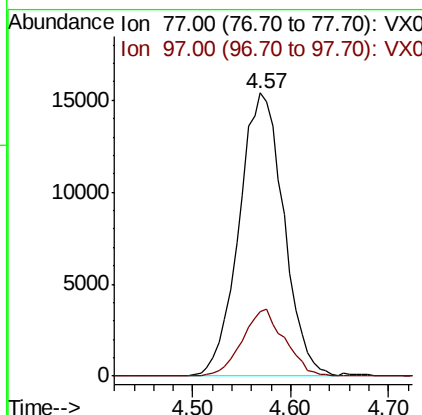
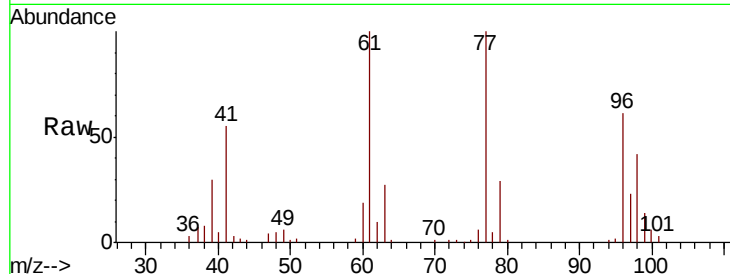




#31
 2,2-Dichloropropane
 Concen: 18.676 ug/l
 RT: 4.57 min Scan# 604
 Delta R.T. -0.00 min
 Lab File: VX013171.D
 Acq: 22 Oct 2019 12:32

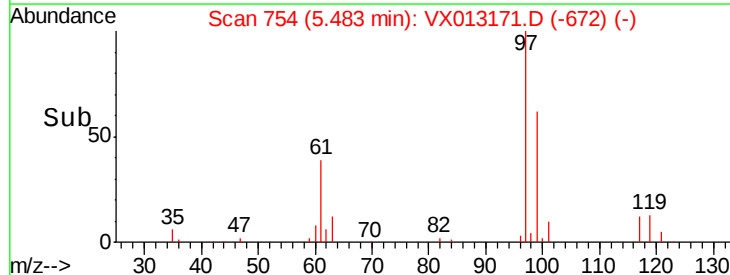
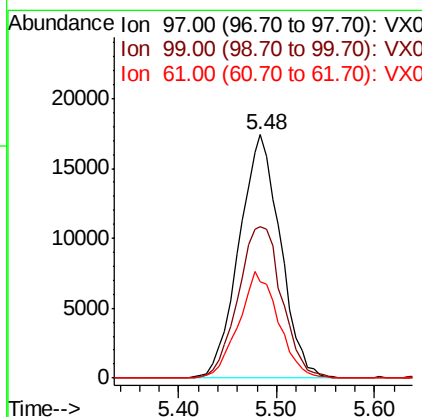
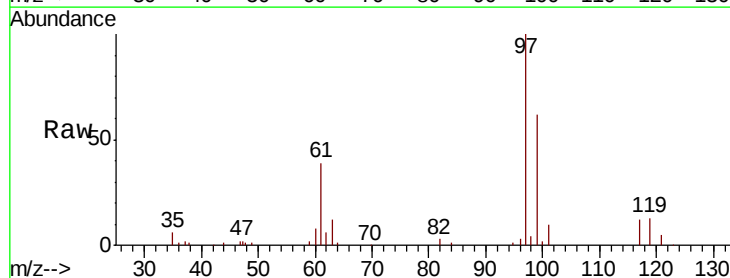
Instrument :
 MSVOA_X
 ClientSampleId :

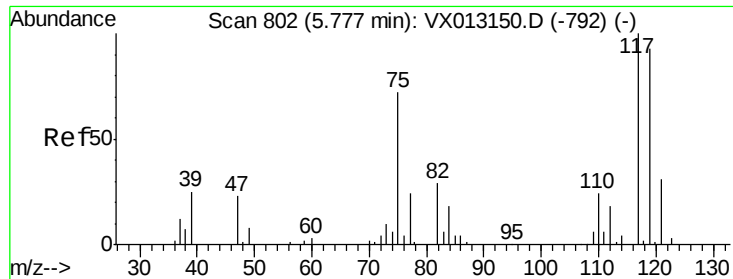
Tot Ion: 77 Resp: 48899
 Ion Ratio Lower Upper
 77 100
 97 22.3 19.1 28.7



#32
 1,1,1-Trichloroethane
 Concen: 18.632 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX013171.D
 Acq: 22 Oct 2019 12:32

Tgt Ion: 97 Resp: 51061
 Ion Ratio Lower Upper
 97 100
 99 66.1 51.8 77.8
 61 42.2 33.5 50.3

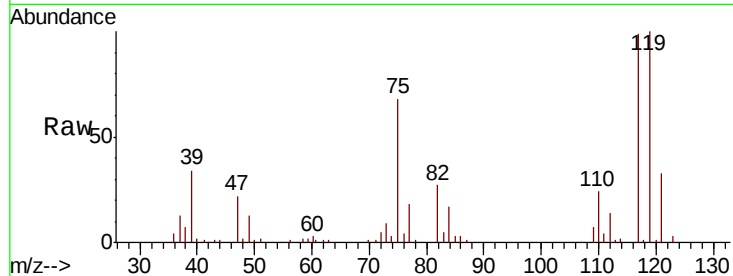




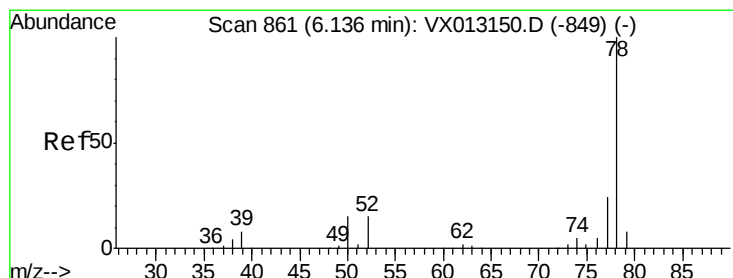
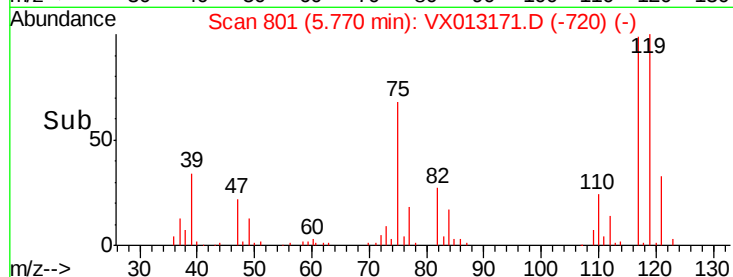
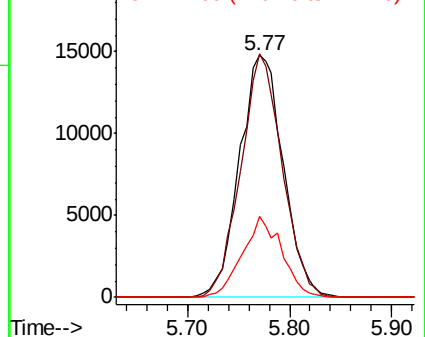
#33
Carbon Tetrachloride
Concen: 18.680 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013171.D
Acq: 22 Oct 2019 12:32

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 43998
Ion Ratio Lower Upper
117 100
119 100.6 74.9 112.3
121 33.4 25.0 37.4

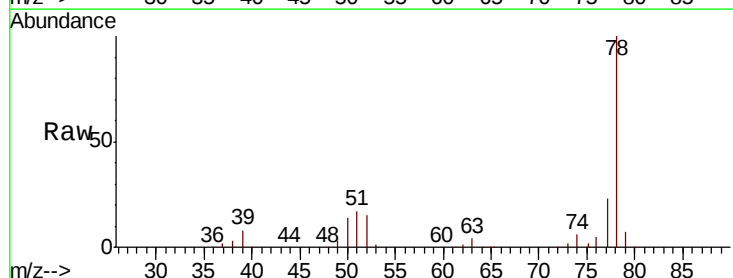


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V

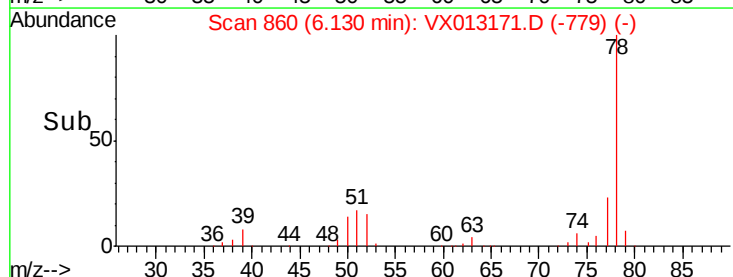
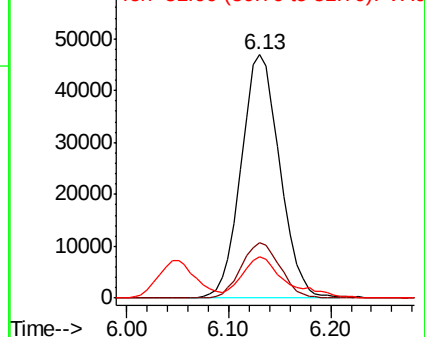


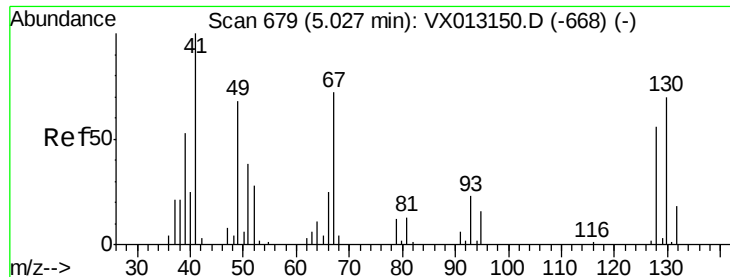
#34
Benzene
Concen: 18.944 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX013171.D
Acq: 22 Oct 2019 12:32

Tgt Ion: 78 Resp: 123509
Ion Ratio Lower Upper
78 100
77 22.8 19.3 28.9
51 16.0 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

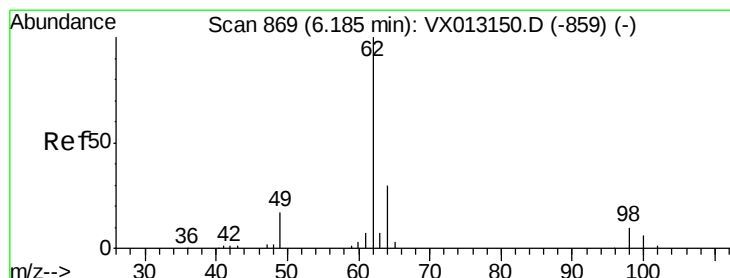
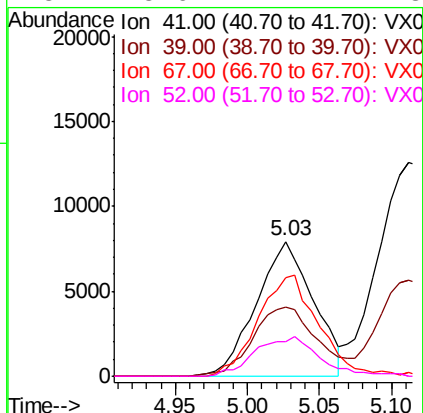
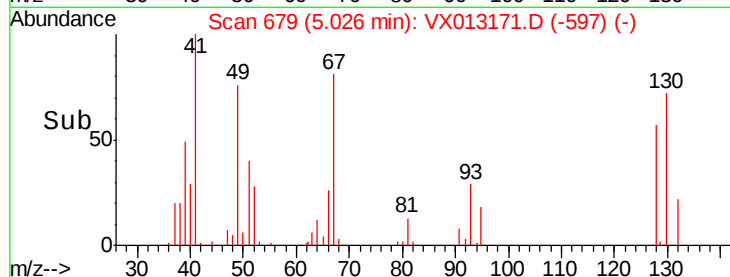
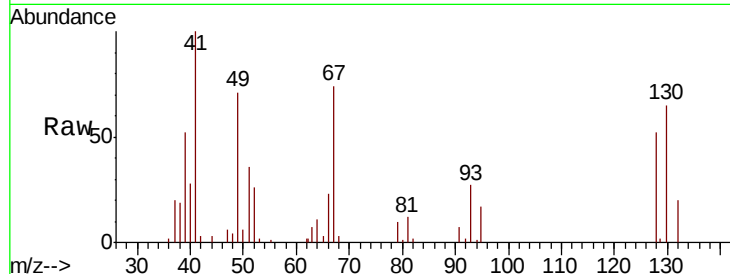




#35
Methacrylonitrile
Concen: 17.929 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX013171.D
Acq: 22 Oct 2019 12:32

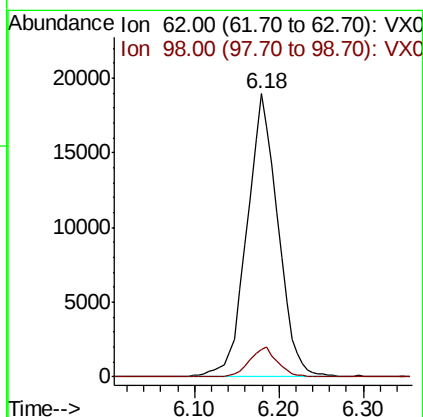
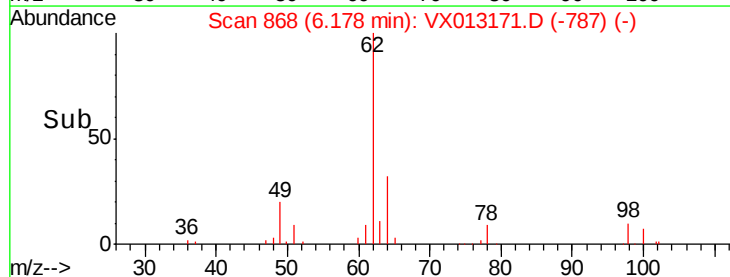
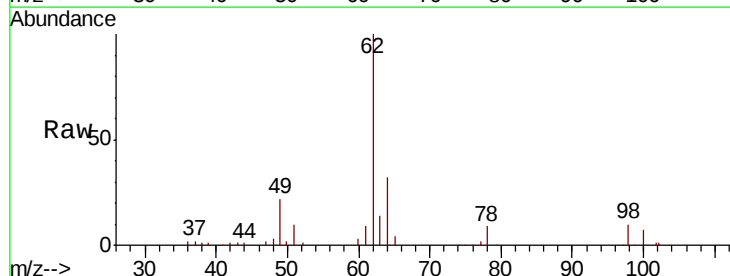
Instrument :
MSVOA_X
ClientSampled :

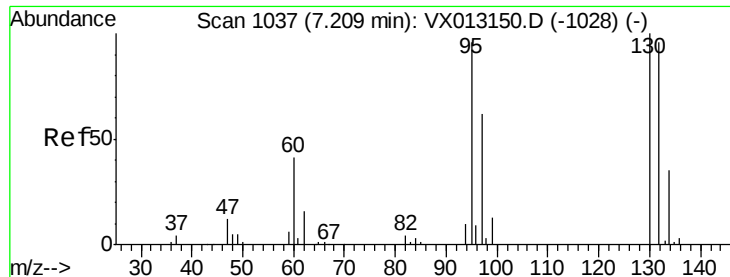
Tot Ion: 41 Resp: 21843
Ion Ratio Lower Upper
41 100
39 51.5 26.3 78.9
67 73.6 35.8 107.4
52 25.6 14.1 42.3



#36
1,2-Dichloroethane
Concen: 19.211 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX013171.D
Acq: 22 Oct 2019 12:32

Tgt Ion: 62 Resp: 47346
Ion Ratio Lower Upper
62 100
98 9.4 8.0 12.0

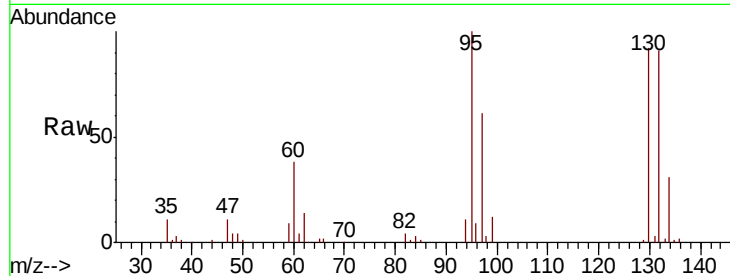




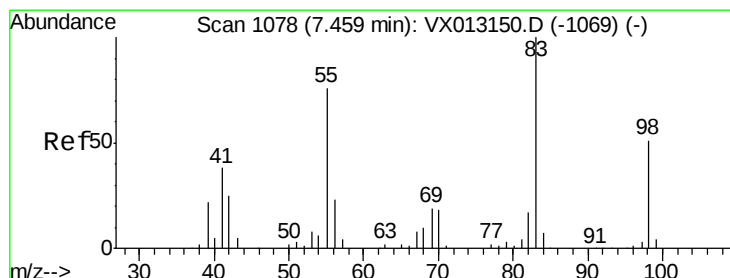
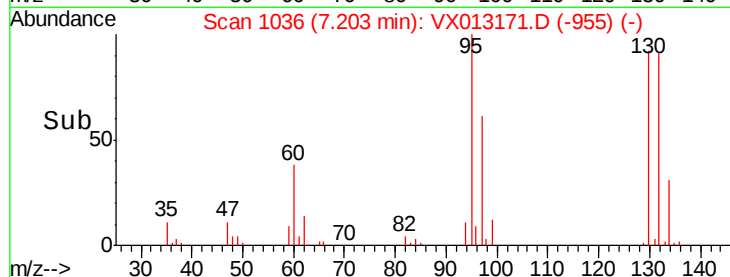
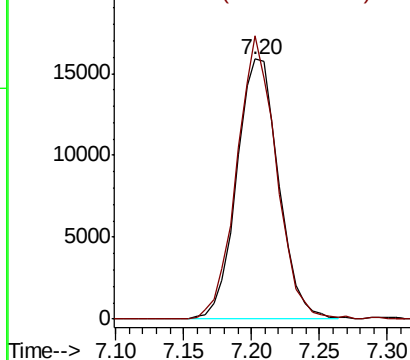
#37
 Trichloroethene
 Concen: 18.966 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX013171.D
 Acq: 22 Oct 2019 12:32

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:130 Resp: 34299
 Ion Ratio Lower Upper
 130 100
 95 108.8 77.0 115.6

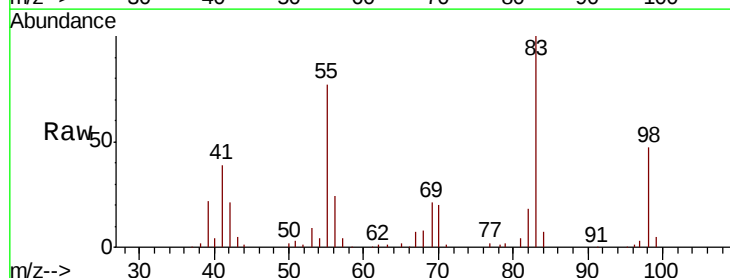


Abundance Ion 129.90 (129.60 to 130.60): V
 20000 Ion 94.90 (94.60 to 95.60): VX0

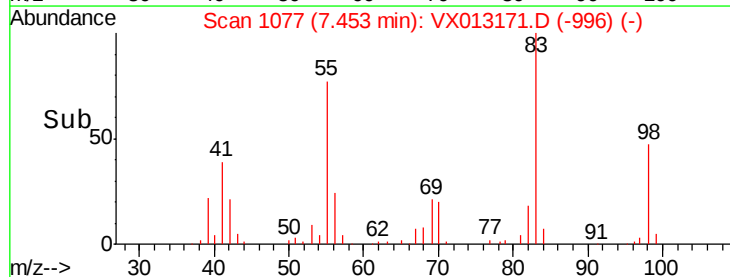
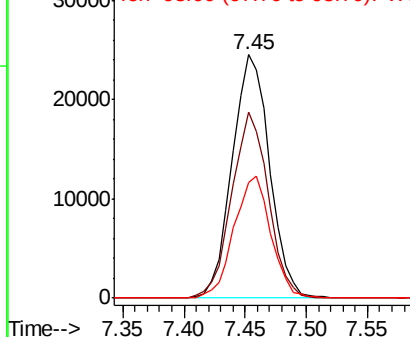


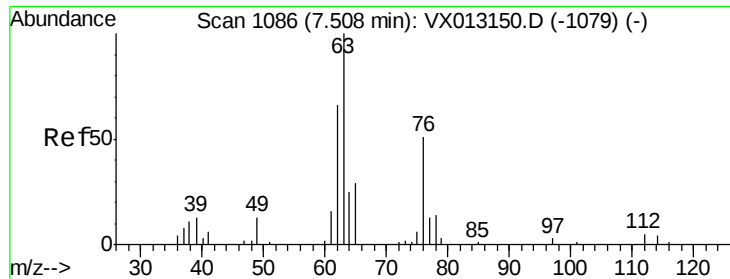
#38
 Methylcyclohexane
 Concen: 18.878 ug/l
 RT: 7.45 min Scan# 1077
 Delta R.T. -0.01 min
 Lab File: VX013171.D
 Acq: 22 Oct 2019 12:32

Tgt Ion: 83 Resp: 52141
 Ion Ratio Lower Upper
 83 100
 55 74.6 37.5 112.5
 98 49.4 25.4 76.0



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

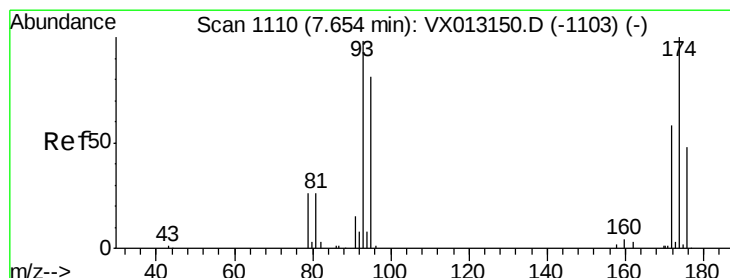
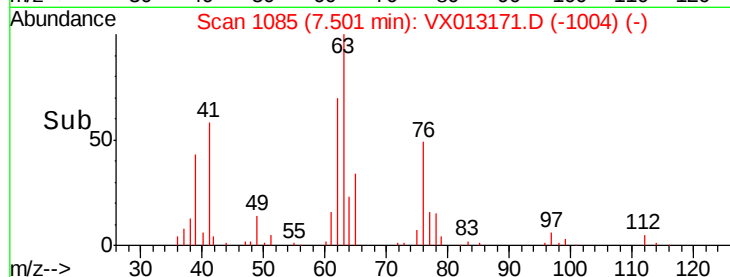
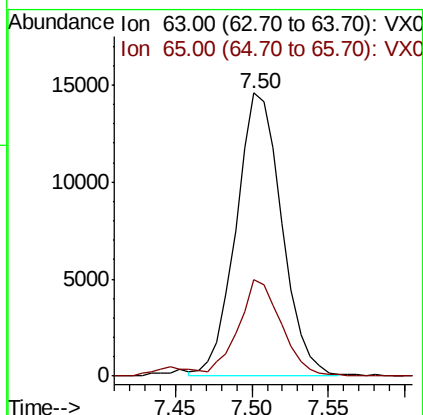
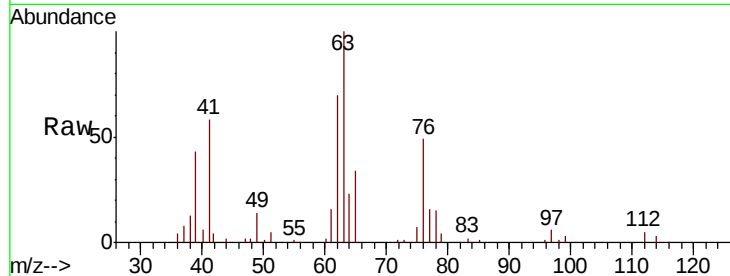




#39
 1,2-Dichloropropane
 Concen: 18.943 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX013171.D
 Acq: 22 Oct 2019 12:32

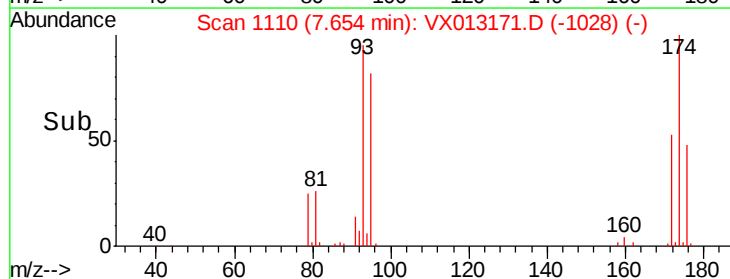
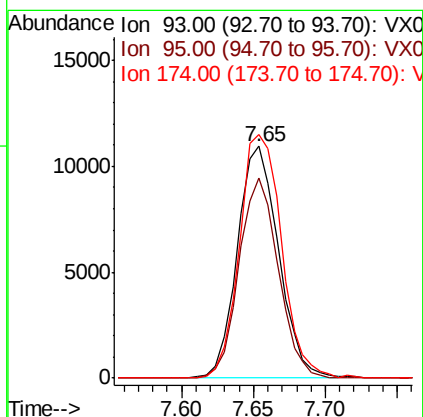
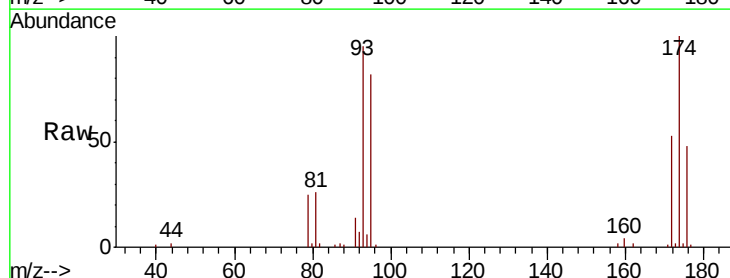
Instrument :
 MSVOA_X
 ClientSampleId :

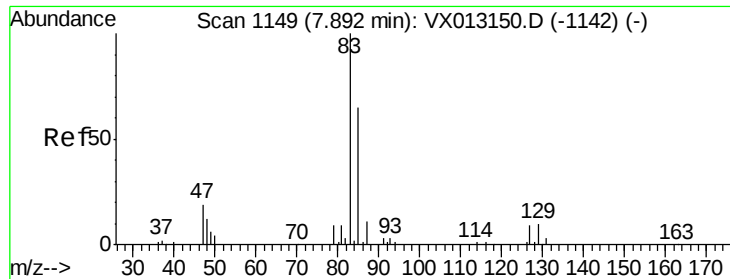
Tot Ion: 63 Resp: 30314
 Ion Ratio Lower Upper
 63 100
 65 34.0 24.8 37.2



#40
 Dibromomethane
 Concen: 19.028 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX013171.D
 Acq: 22 Oct 2019 12:32

Tgt Ion: 93 Resp: 21750
 Ion Ratio Lower Upper
 93 100
 95 82.2 0.0 166.0
 174 107.0 0.0 208.8





#41

Bromodichloromethane

Concen: 18.628 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013171.D

Acq: 22 Oct 2019 12:32

Instrument :

MSVOA_X

ClientSampleId :

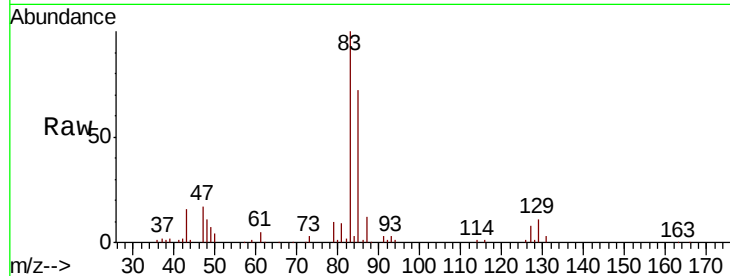
Tot Ion: 83 Resp: 42934

Ion Ratio Lower Upper

83 100

85 71.6 52.1 78.1

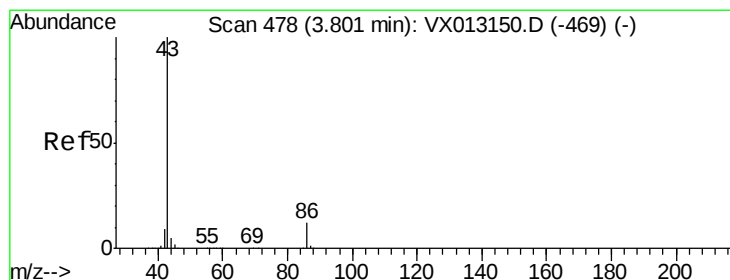
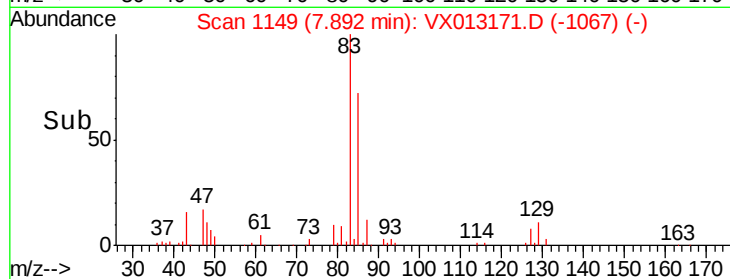
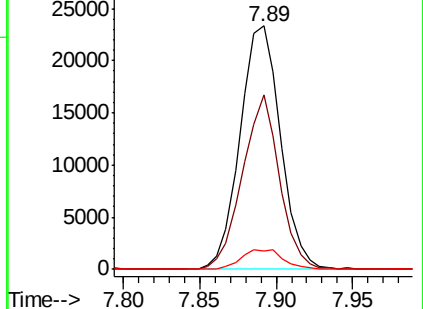
127 7.7 7.5 11.3



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: 94.386 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013171.D

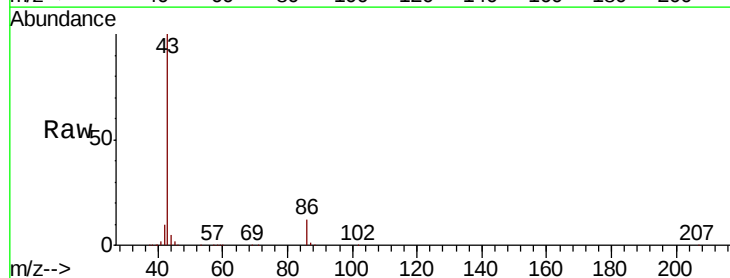
Acq: 22 Oct 2019 12:32

Tgt Ion: 43 Resp: 388821

Ion Ratio Lower Upper

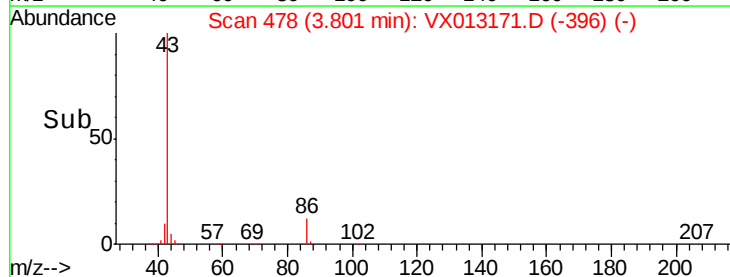
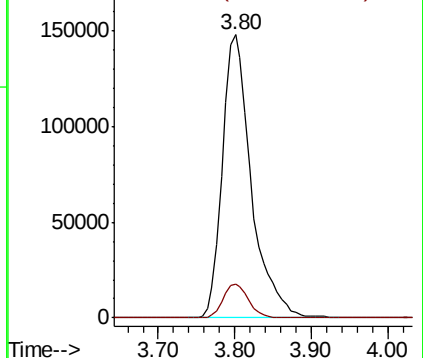
43 100

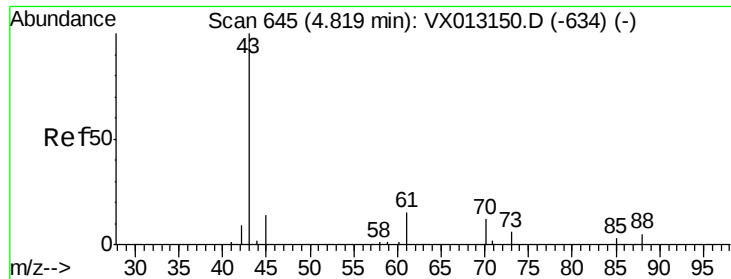
86 10.5 8.6 12.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#43

Ethyl Acetate

Concen: 19.360 ug/l

RT: 4.81 min Scan# 644

Delta R.T. -0.01 min

Lab File: VX013171.D

Acq: 22 Oct 2019 12:32

Instrument :

MSVOA_X

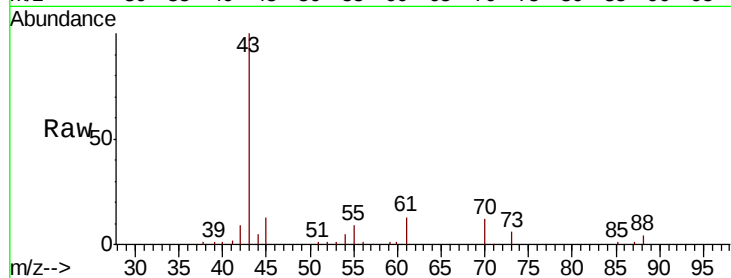
ClientSampled :

Tot Ion: 43 Resp: 41947

Ion Ratio Lower Upper

43 100

45 14.8 12.6 18.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

25000

20000

15000

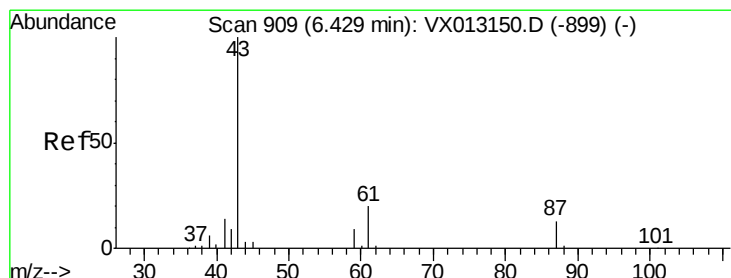
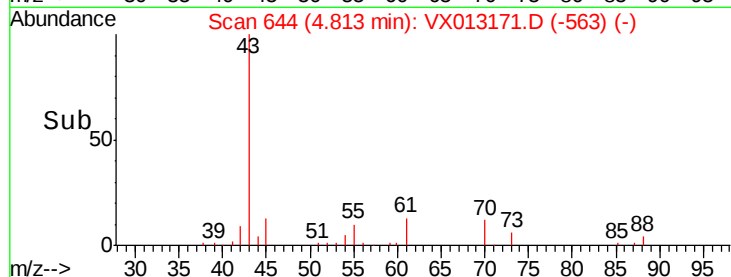
10000

5000

0

4.70 4.80 4.90

Time-->



#44

Isopropyl Acetate

Concen: 18.373 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.00 min

Lab File: VX013171.D

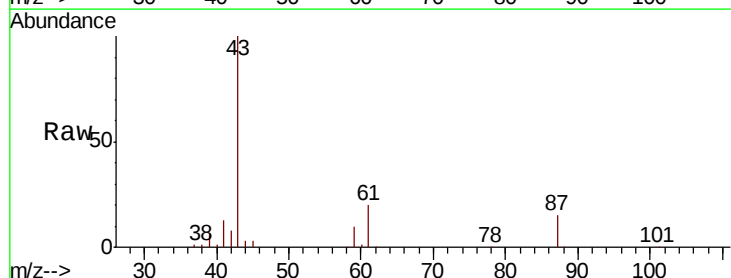
Acq: 22 Oct 2019 12:32

Tgt Ion: 43 Resp: 66905

Ion Ratio Lower Upper

43 100

61 21.3 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

30000

25000

20000

15000

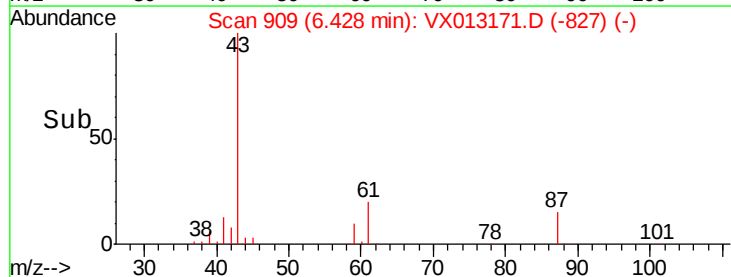
10000

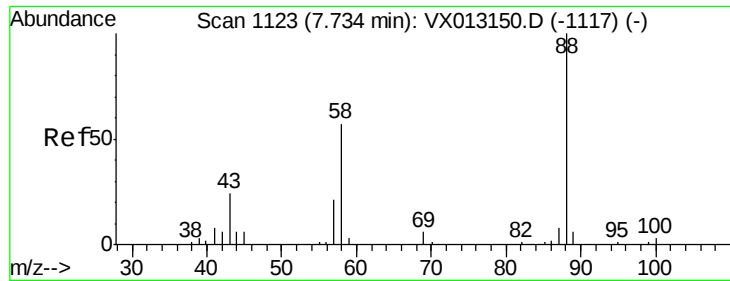
5000

0

6.35 6.40 6.45 6.50 6.55

Time-->



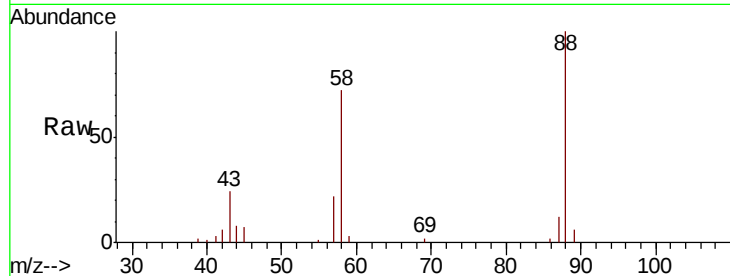


#45
 1,4-Dioxane
 Concen: 370.403 ug/l
 RT: 7.73 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: VX013171.D
 Acq: 22 Oct 2019 12:32

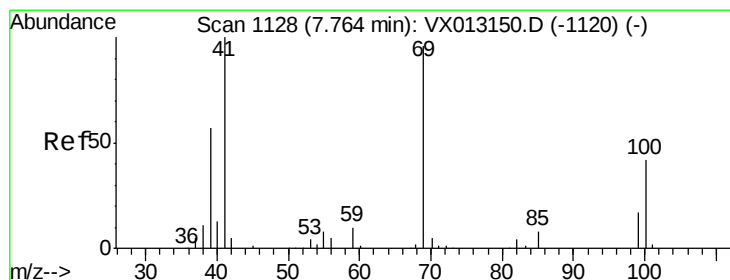
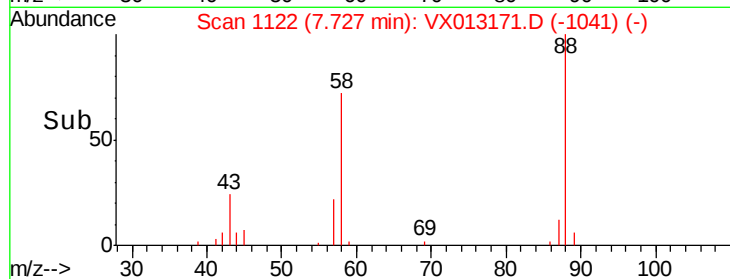
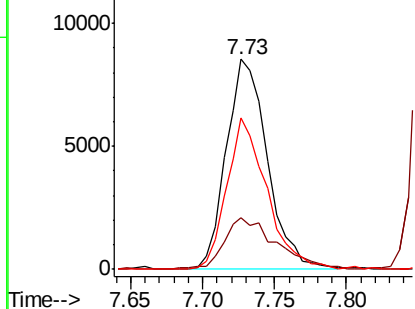
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 88 Resp: 17058

Ion	Ratio	Lower	Upper
88	100		
43	31.1	24.0	36.0
58	70.0	52.8	79.2



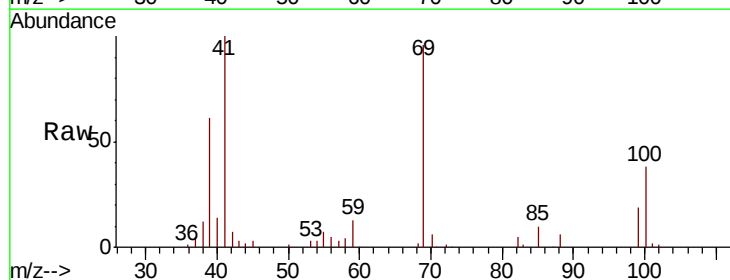
Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0



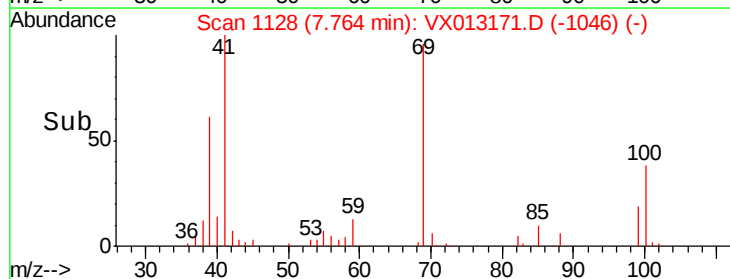
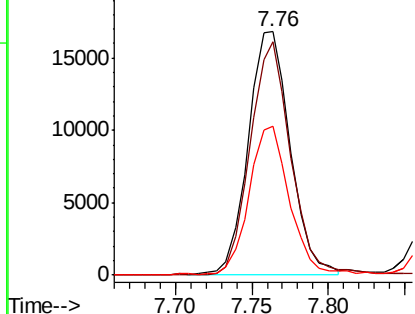
#46
 Methyl methacrylate
 Concen: 17.953 ug/l
 RT: 7.76 min Scan# 1128
 Delta R.T. -0.00 min
 Lab File: VX013171.D
 Acq: 22 Oct 2019 12:32

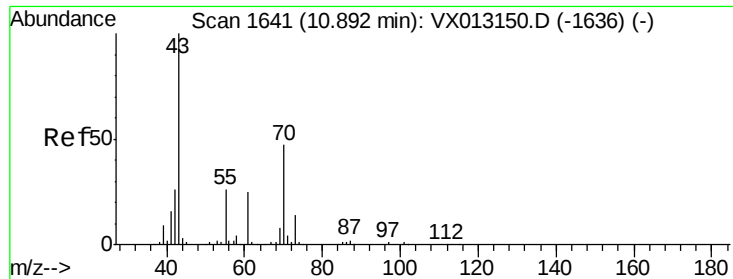
Tgt Ion: 41 Resp: 32169

Ion	Ratio	Lower	Upper
41	100		
69	95.8	47.8	143.3
39	60.6	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: 17.855 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013171.D

Acq: 22 Oct 2019 12:32

Instrument :

MSVOA_X

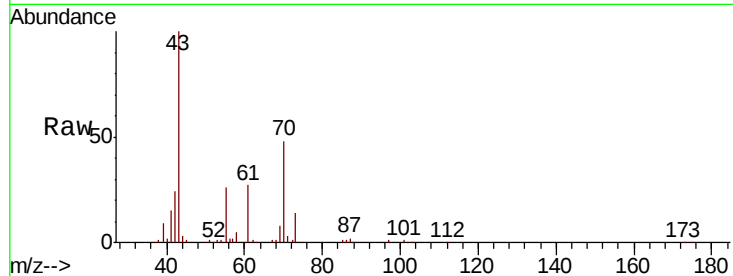
ClientSampled :

Tot Ion: 43 Resp: 54808

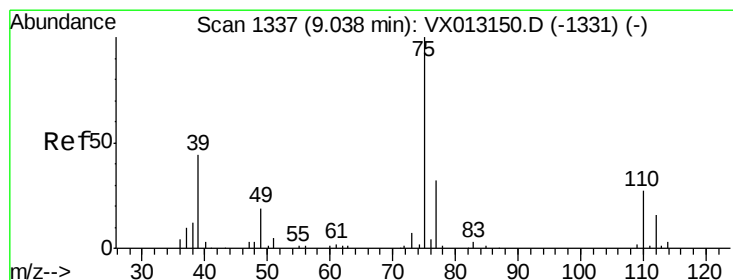
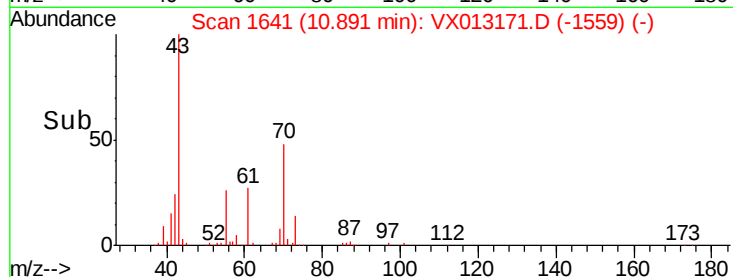
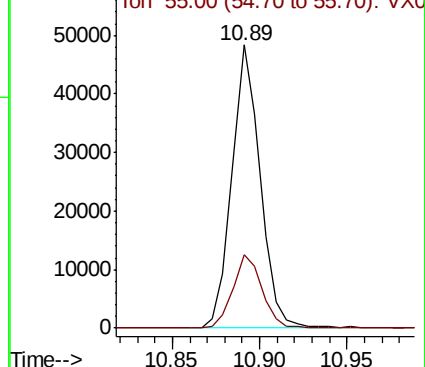
Ion Ratio Lower Upper

43 100

55 26.5 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VX0



#48

t-1,3-Dichloropropene

Concen: 17.777 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX013171.D

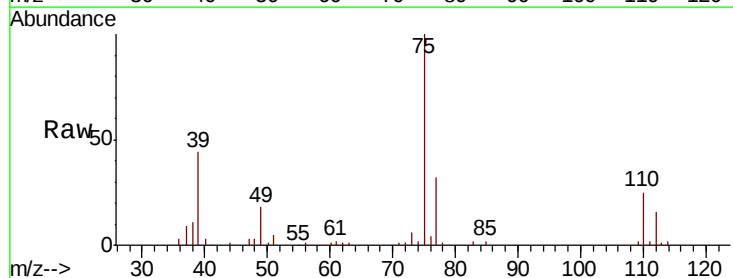
Acq: 22 Oct 2019 12:32

Tgt Ion: 75 Resp: 44943

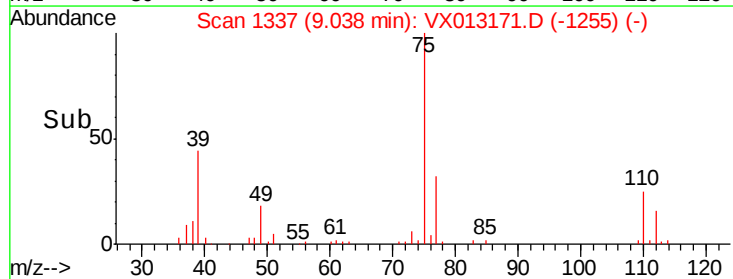
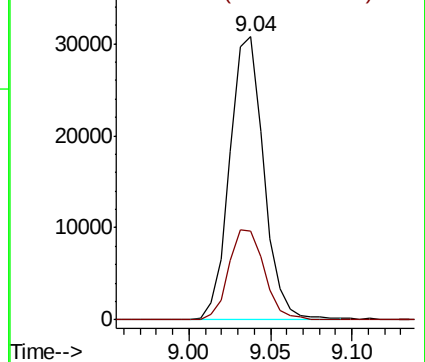
Ion Ratio Lower Upper

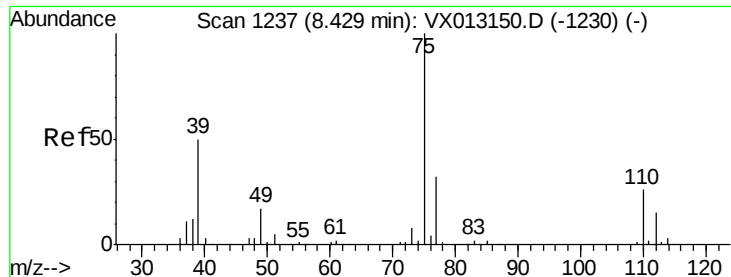
75 100

77 31.6 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VX0



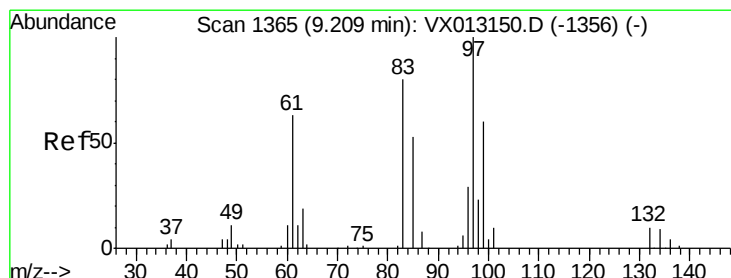
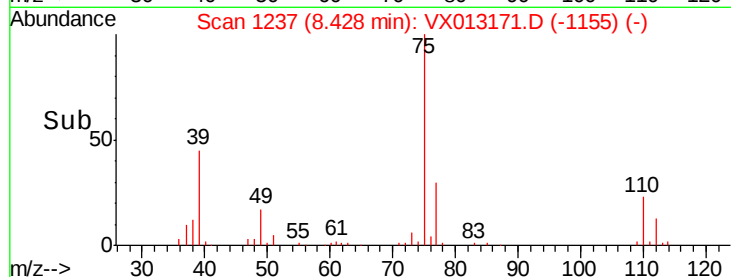
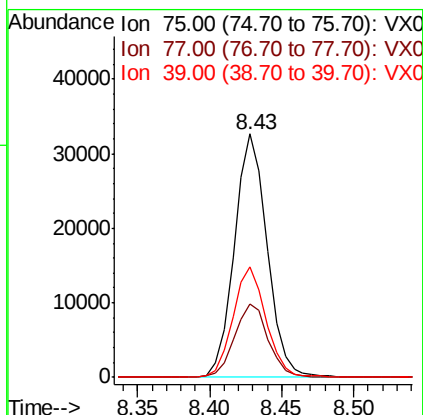
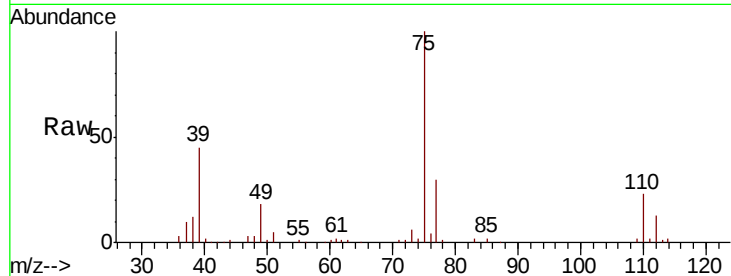


#49

cis-1,3-Dichloropropene
 Concen: 18.816 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX013171.D
 Acq: 22 Oct 2019 12:32

Instrument :
 MSVOA_X
 ClientSampleId :

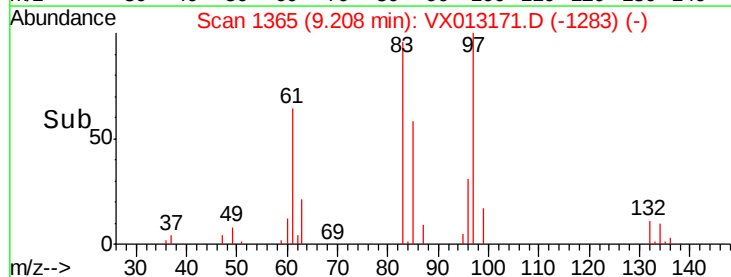
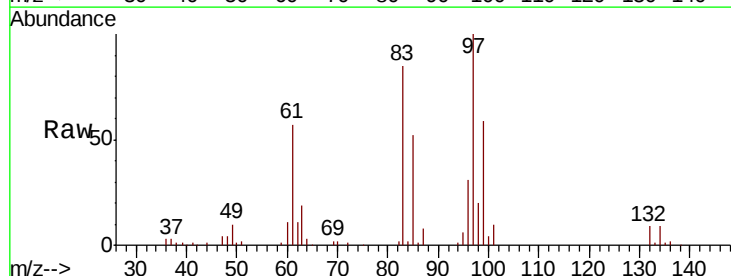
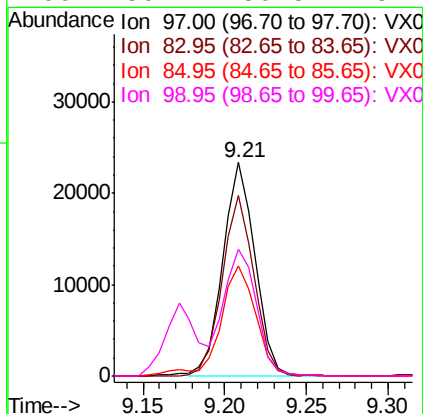
Tot Ion	Ratio	Lower	Upper
75	100		
77	30.1	25.8	38.8
39	45.2	39.7	59.5

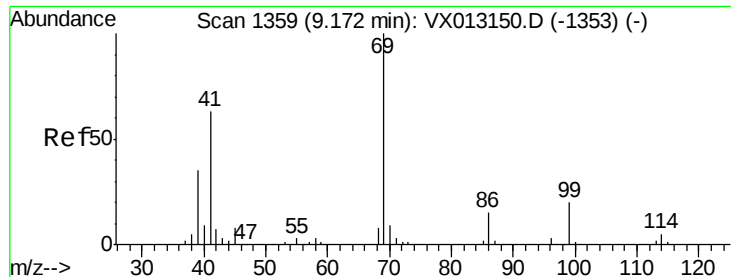


#50

1,1,2-Trichloroethane
 Concen: 19.018 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013171.D
 Acq: 22 Oct 2019 12:32

Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.5	64.2	96.4
85	51.5	42.7	64.1
99	59.2	50.5	75.7





#51

Ethyl methacrylate

Concen: 18.622 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX013171.D

Acq: 22 Oct 2019 12:32

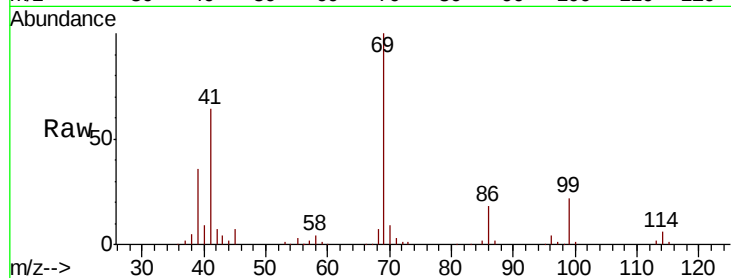
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 69 Resp: 49290

Ion	Ratio	Lower	Upper
69	100		
41	64.0	31.6	95.0
39	35.3	17.7	53.1

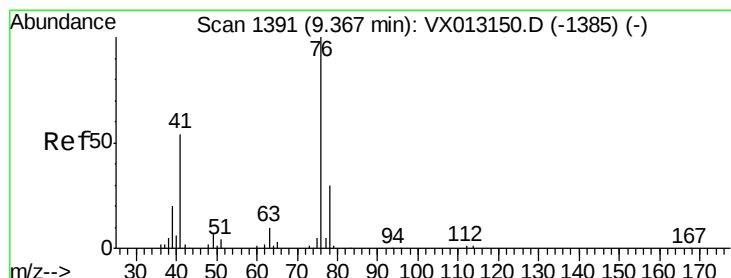
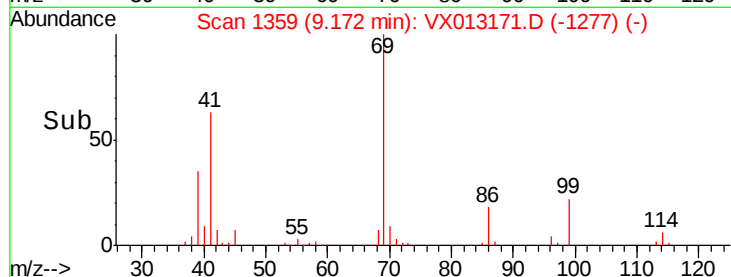
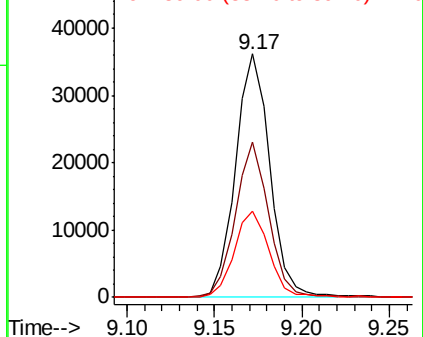


Abundance

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: 18.833 ug/l

RT: 9.37 min Scan# 1391

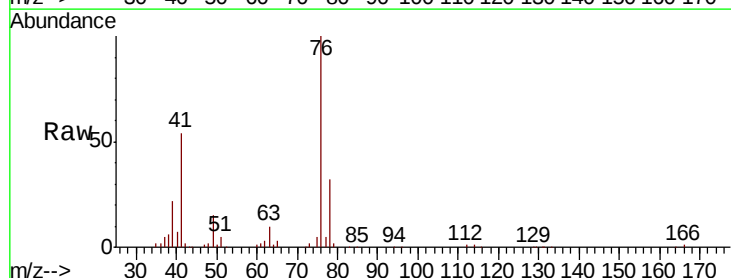
Delta R.T. -0.00 min

Lab File: VX013171.D

Acq: 22 Oct 2019 12:32

Tgt Ion: 76 Resp: 53538

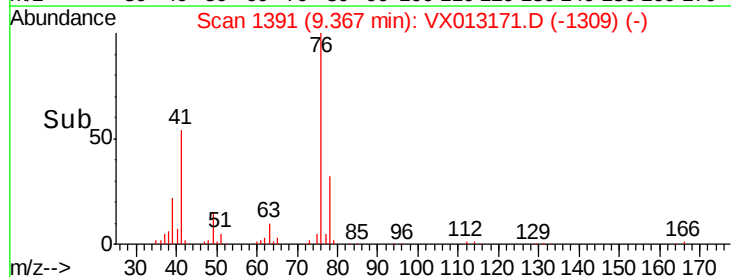
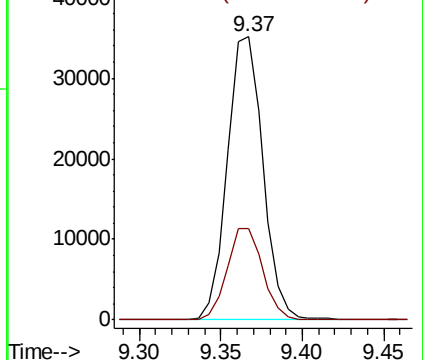
Ion	Ratio	Lower	Upper
76	100		
78	32.2	0.0	64.6

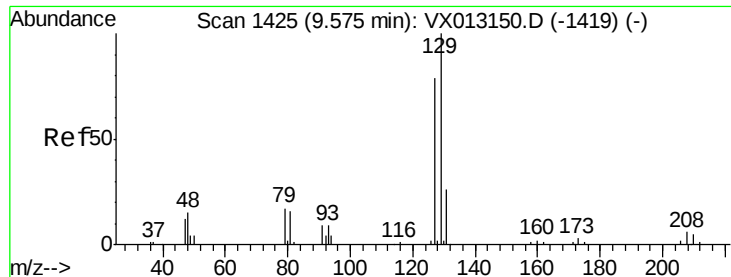


Abundance

Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 18.251 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.00 min

Lab File: VX013171.D

Acq: 22 Oct 2019 12:32

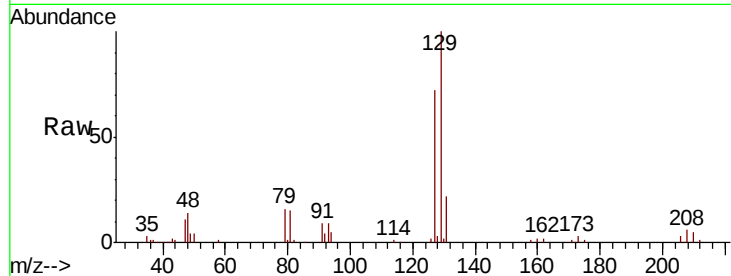
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:129 Resp: 33232

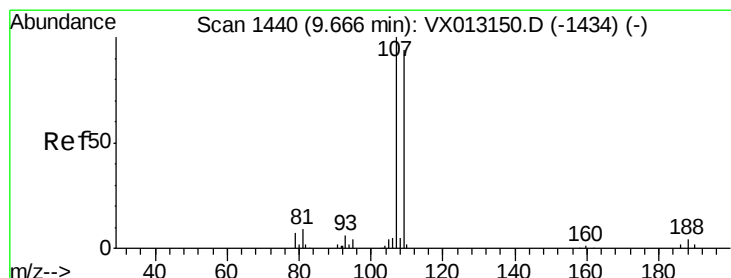
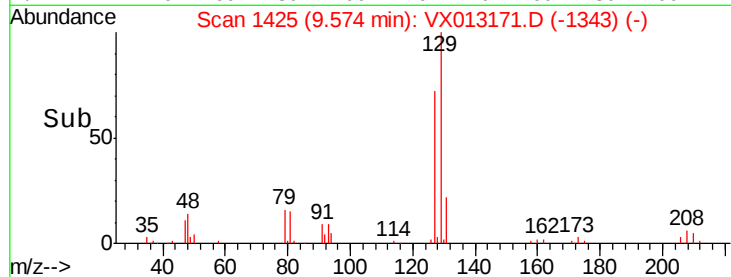
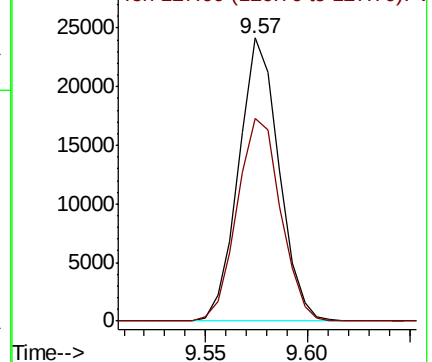
Ion Ratio Lower Upper

129 100

127 77.1 39.4 118.2



Abundance Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 18.607 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013171.D

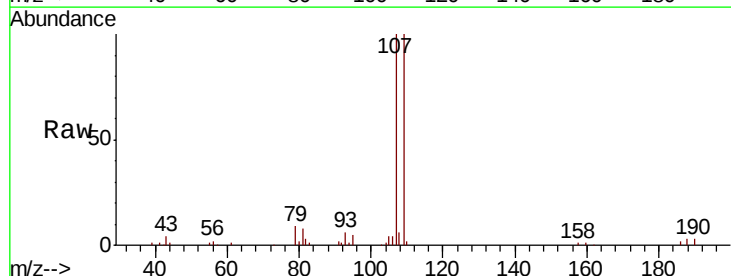
Acq: 22 Oct 2019 12:32

Tgt Ion:107 Resp: 33583

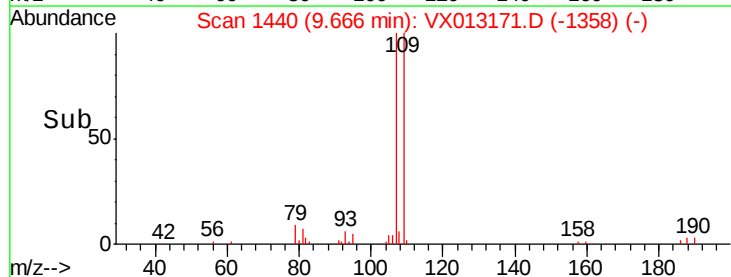
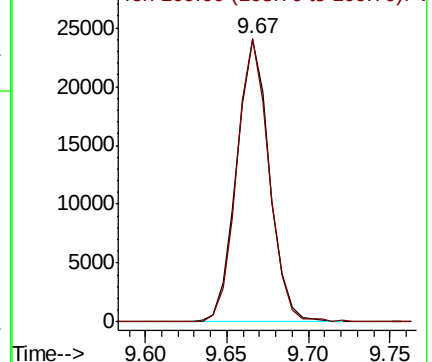
Ion Ratio Lower Upper

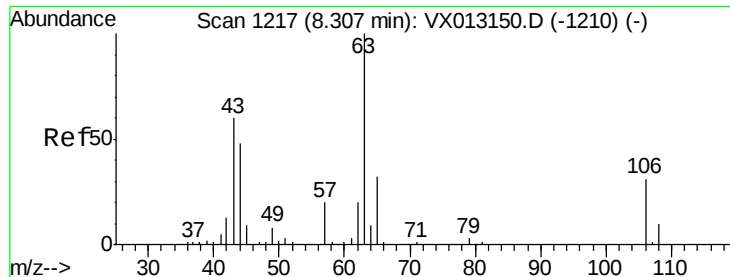
107 100

109 97.9 75.4 113.0



Abundance Ion 107.00 (106.70 to 107.70): V
Ion 109.00 (108.70 to 109.70): V

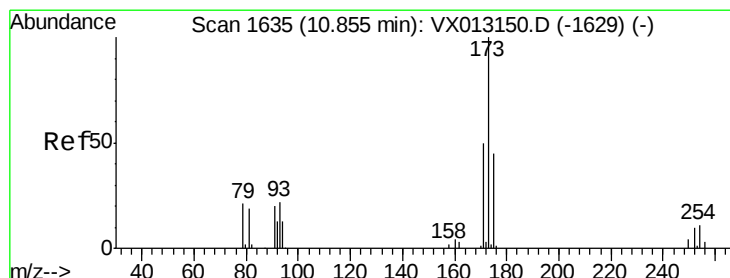
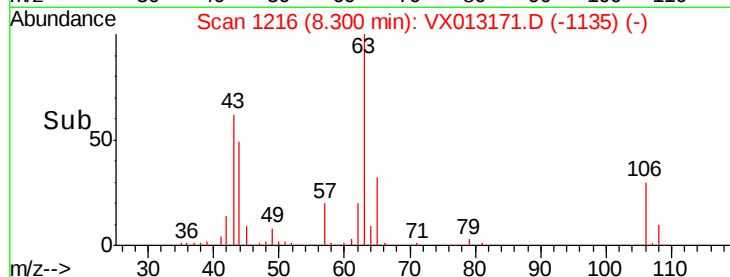
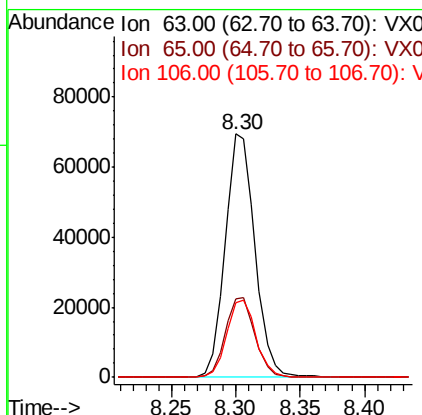
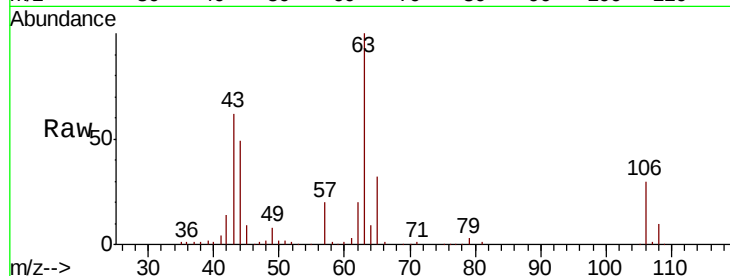




#55
2-Chloroethyl vinyl ether
Concen: 104.549 ug/l
RT: 8.30 min Scan# 1216
Delta R.T. -0.01 min
Lab File: VX013171.D
Acq: 22 Oct 2019 12:32

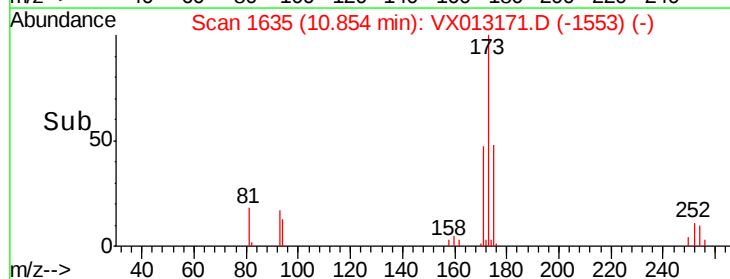
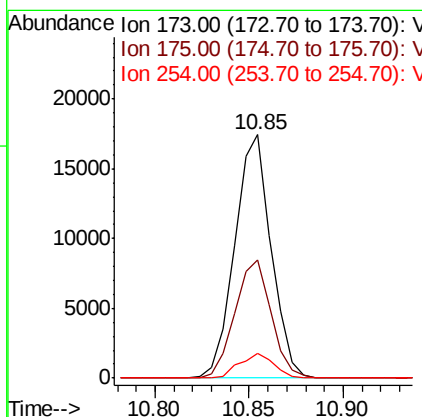
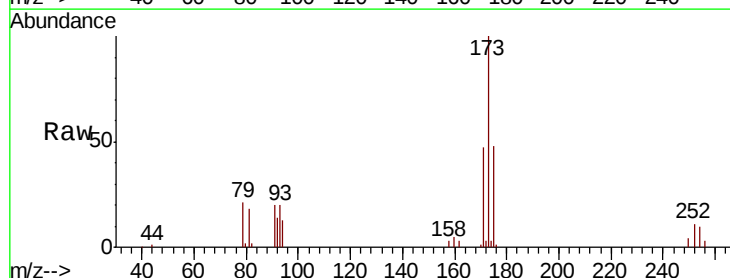
Instrument :
MSVOA_X
ClientSampleId :

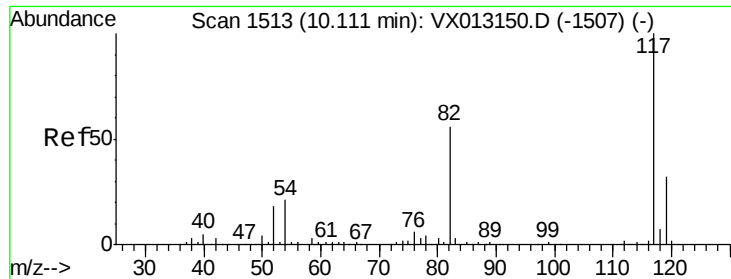
Tot Ion: 63 Resp: 112409
Ion Ratio Lower Upper
63 100
65 32.3 25.5 38.3
106 31.3 24.8 37.2



#56
Bromoform
Concen: 18.097 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX013171.D
Acq: 22 Oct 2019 12:32

Tgt Ion: 173 Resp: 23378
Ion Ratio Lower Upper
173 100
175 48.3 39.0 58.4
254 9.5 8.1 12.1

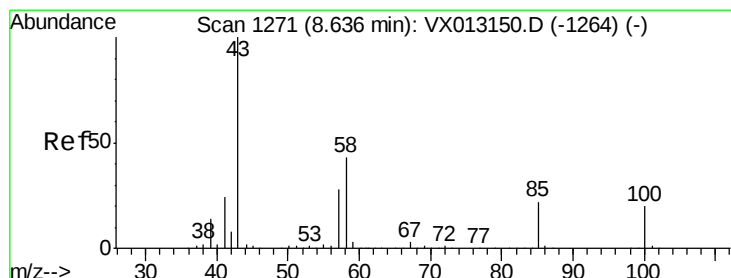
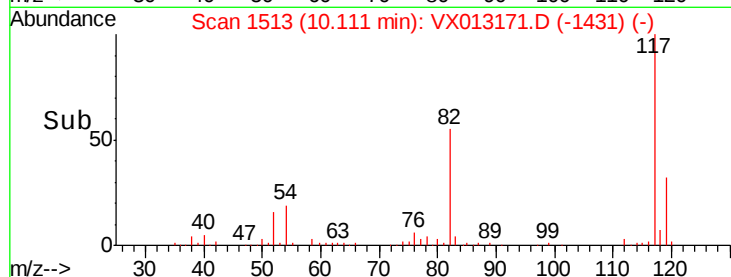
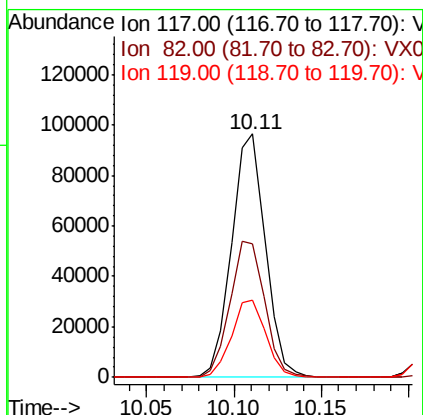
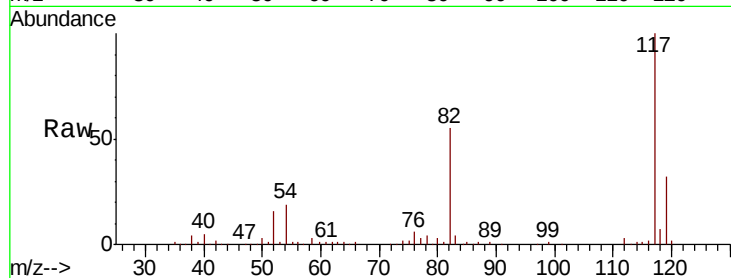




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013171.D
Acq: 22 Oct 2019 12:32

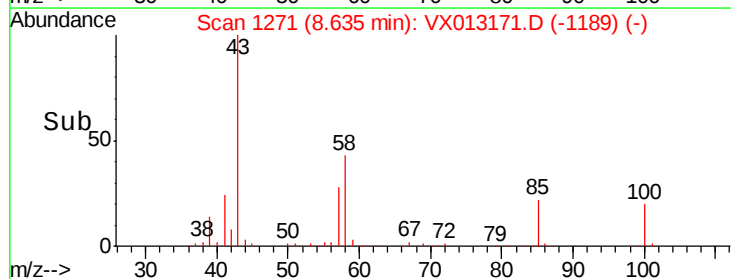
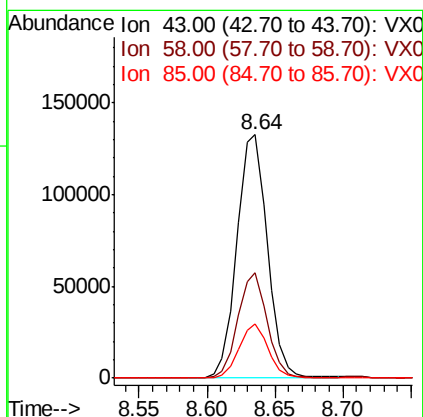
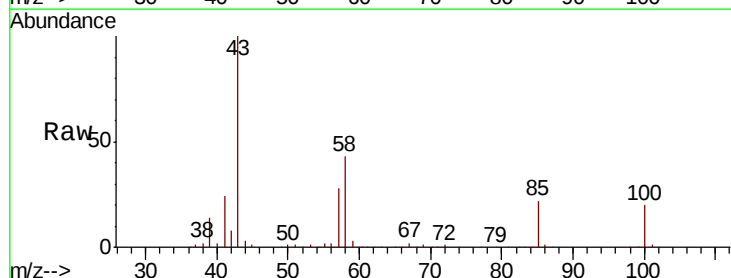
Instrument :
MSVOA_X
ClientSampleId :

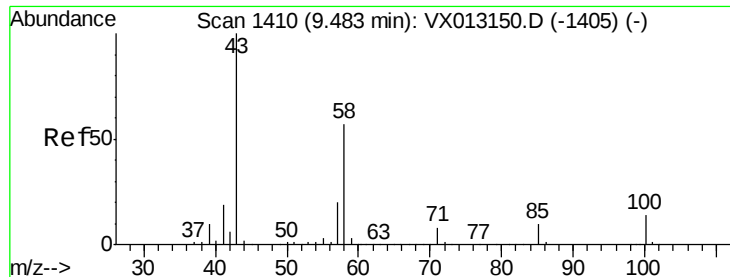
Tot Ion:117 Resp: 129630
Ion Ratio Lower Upper
117 100
82 57.6 46.0 69.0
119 32.3 25.4 38.0



#58
4-Methyl-2-Pentanone
Concen: 95.092 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX013171.D
Acq: 22 Oct 2019 12:32

Tgt Ion: 43 Resp: 207711
Ion Ratio Lower Upper
43 100
58 41.6 33.8 50.8
85 21.2 16.8 25.2

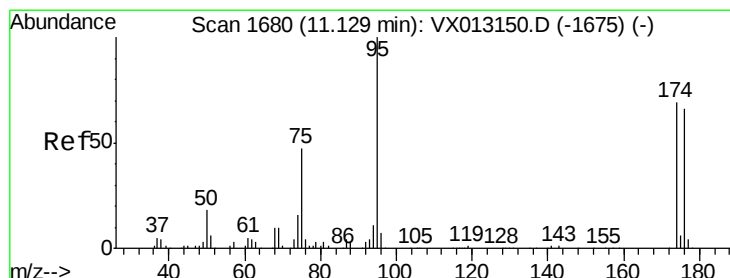
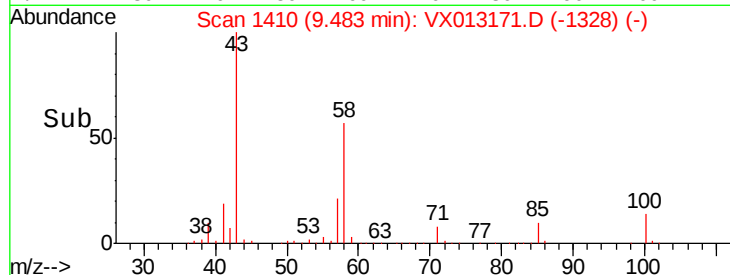
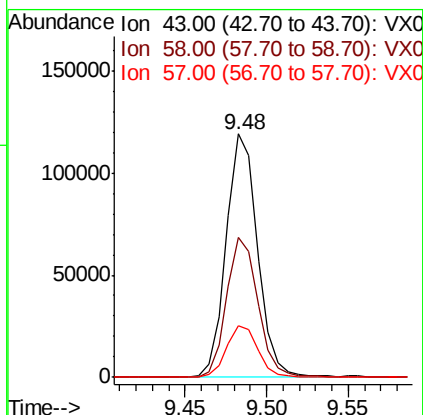
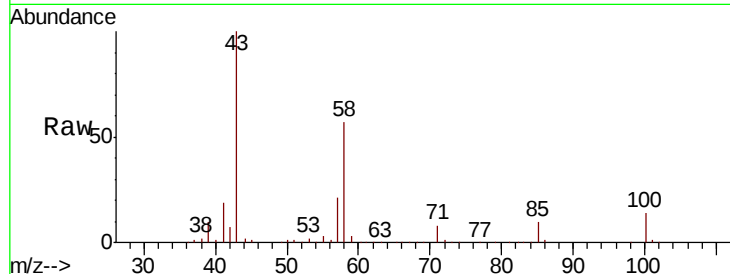




#59
2-Hexanone
Concen: 93.465 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX013171.D
Acq: 22 Oct 2019 12:32

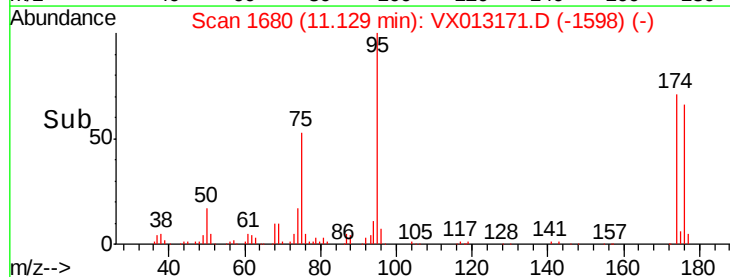
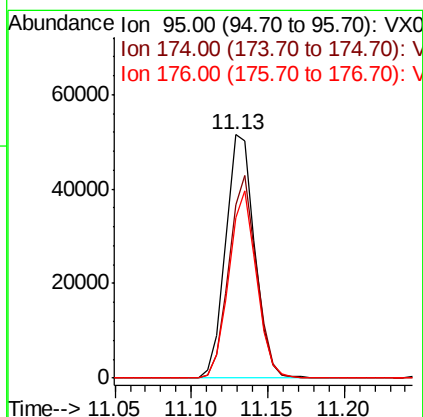
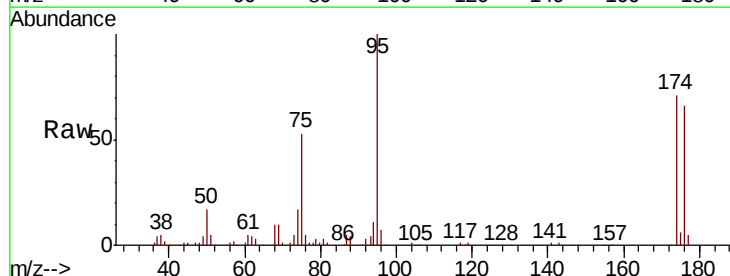
Instrument :
MSVOA_X
ClientSampled :

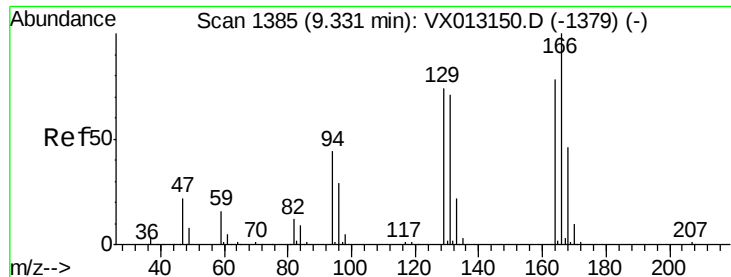
Tot Ion: 43 Resp: 160000
Ion Ratio Lower Upper
43 100
58 57.5 46.6 69.8
57 21.3 16.9 25.3



#60
4-Bromofluorobenzene
Concen: 30.001 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX013171.D
Acq: 22 Oct 2019 12:32

Tgt Ion: 95 Resp: 67721
Ion Ratio Lower Upper
95 100
174 79.3 60.0 90.0
176 73.2 58.5 87.7

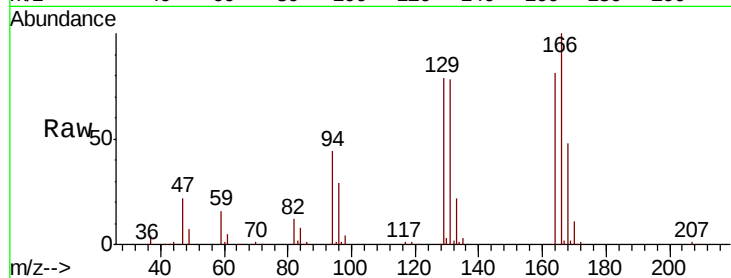




#61
Tetrachloroethene
Concen: 20.179 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013171.D
Acq: 22 Oct 2019 12:32

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
166	123.4	102.6	153.8
129	96.9	75.7	113.5
131	96.0	72.4	108.6



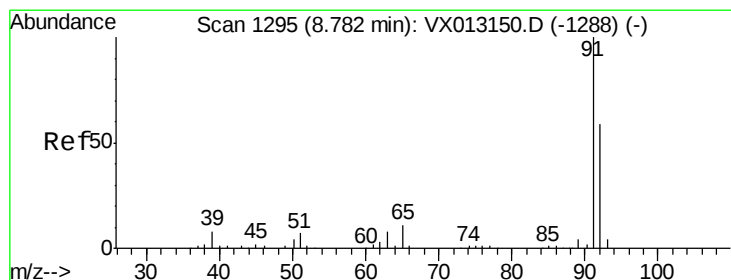
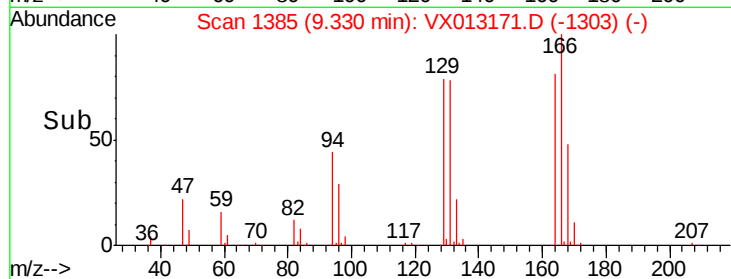
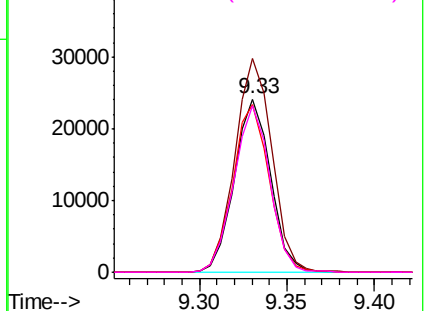
Abundance

Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

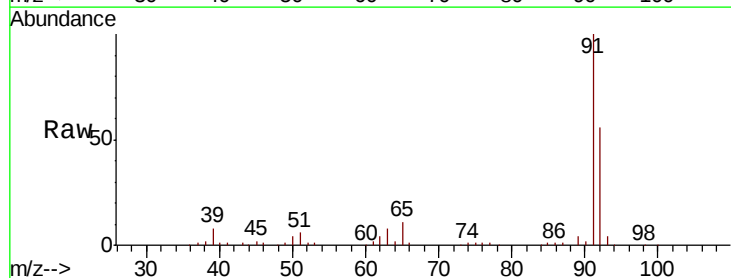
Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62
Toluene
Concen: 19.625 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. -0.00 min
Lab File: VX013171.D
Acq: 22 Oct 2019 12:32

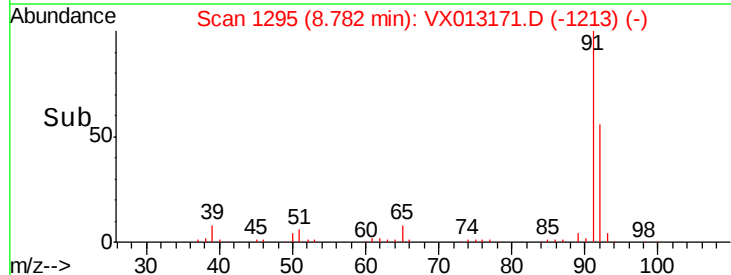
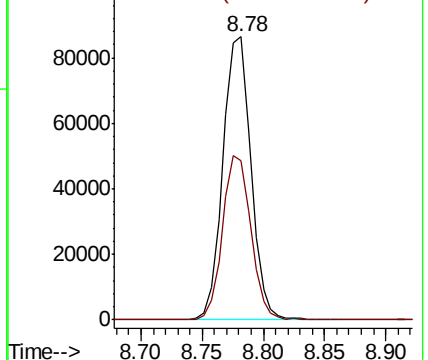
Tgt Ion	Ratio	Lower	Upper
91	100		
92	58.5	47.7	71.5

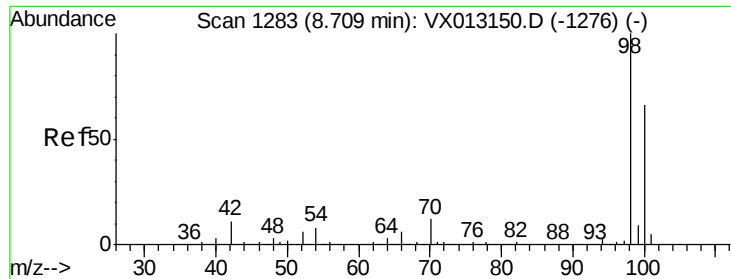


Abundance

Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

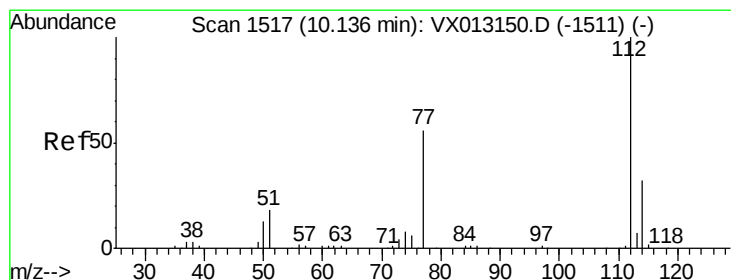
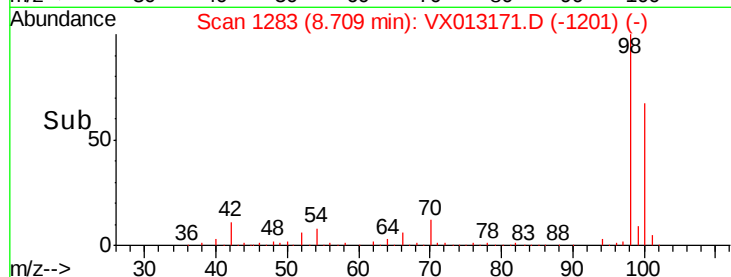
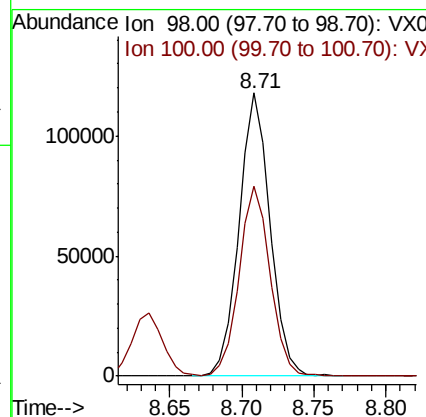
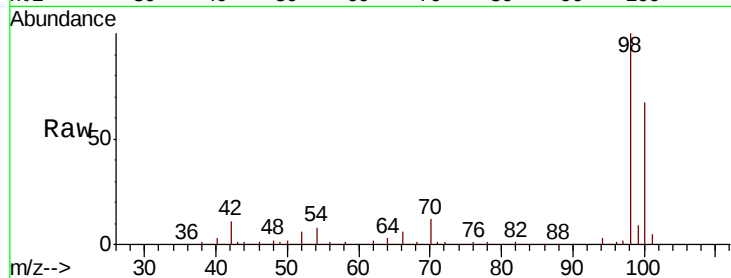




#63
Toluene-d8
Concen: 30.681 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013171.D
Acq: 22 Oct 2019 12:32

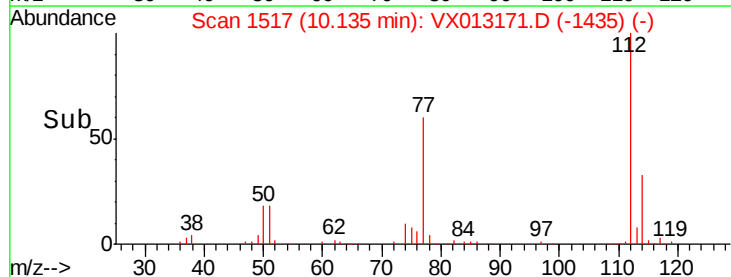
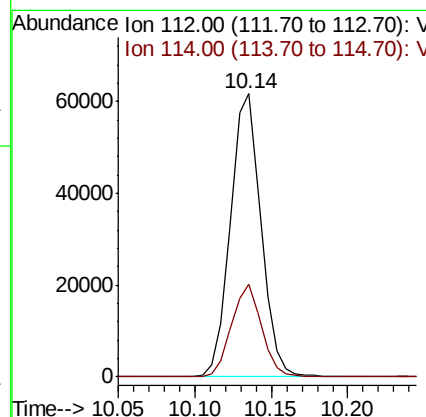
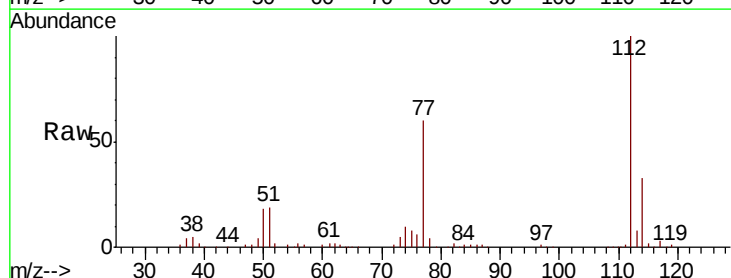
Instrument :
MSVOA_X
ClientSampleId :

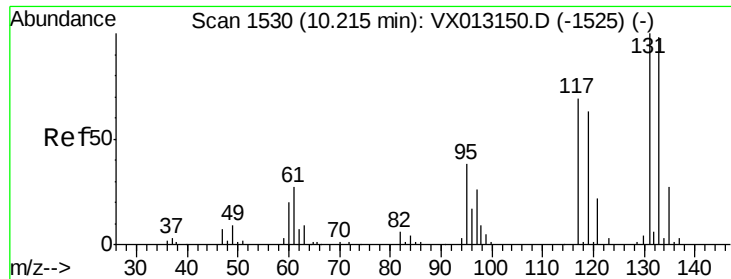
Tot Ion: 98 Resp: 176890
Ion Ratio Lower Upper
98 100
100 66.8 53.1 79.7



#64
Chlorobenzene
Concen: 19.069 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013171.D
Acq: 22 Oct 2019 12:32

Tgt Ion: 112 Resp: 85558
Ion Ratio Lower Upper
112 100
114 32.8 25.5 38.3





#65

1,1,1,2-Tetrachloroethane

Concen: 19.370 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX013171.D

Acq: 22 Oct 2019 12:32

Instrument :

MSVOA_X

ClientSampleId :

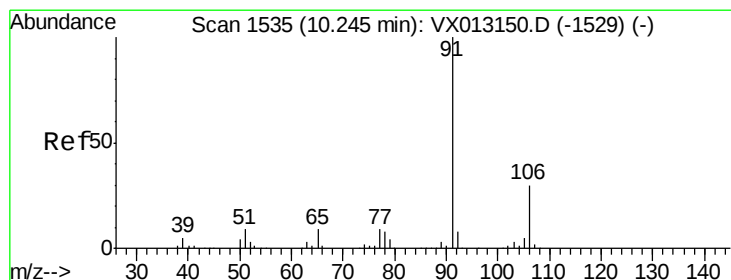
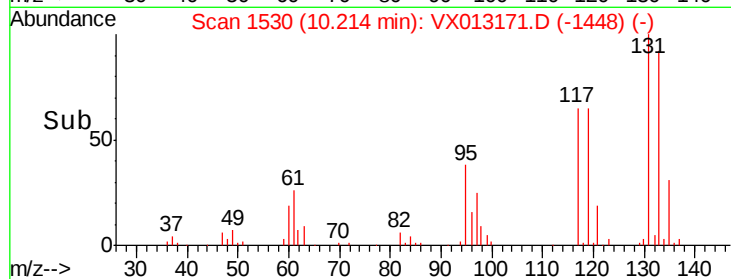
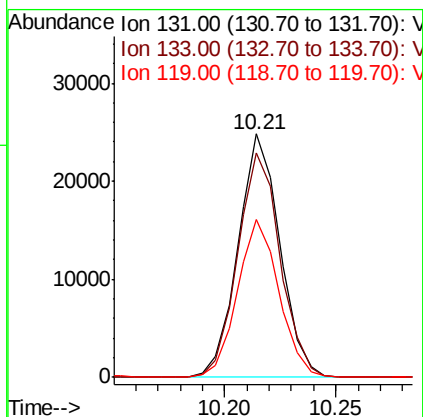
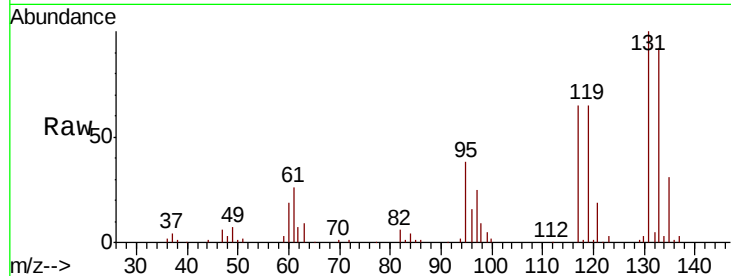
Tot Ion:131 Resp: 32556

Ion Ratio Lower Upper

131 100

133 93.6 0.0 191.0

119 64.4 0.0 125.6



#66

Ethyl Benzene

Concen: 19.342 ug/l

RT: 10.24 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX013171.D

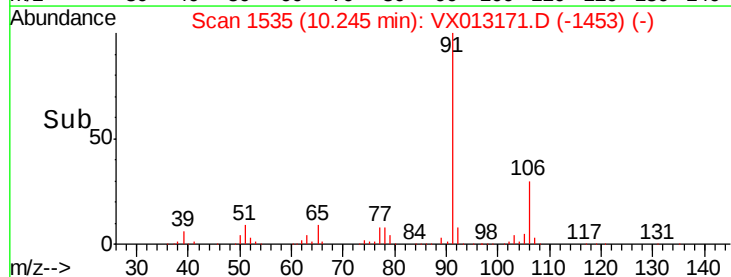
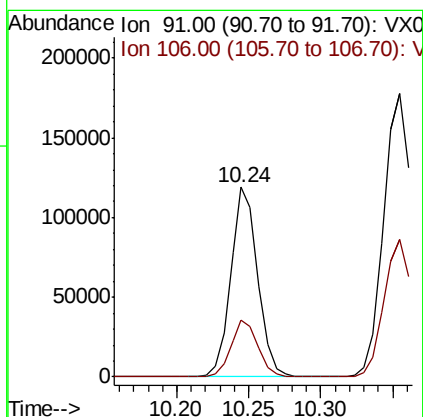
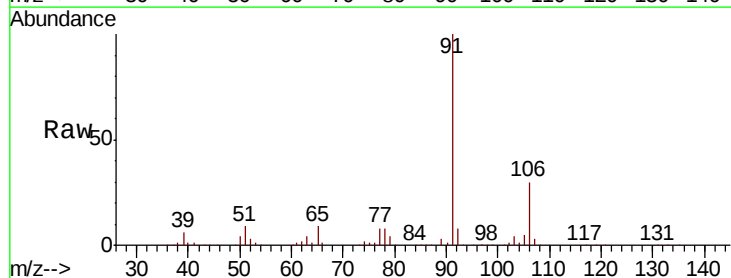
Acq: 22 Oct 2019 12:32

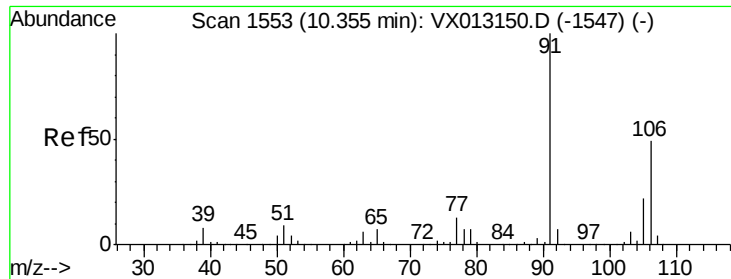
Tgt Ion: 91 Resp: 155781

Ion Ratio Lower Upper

91 100

106 29.8 23.8 35.6

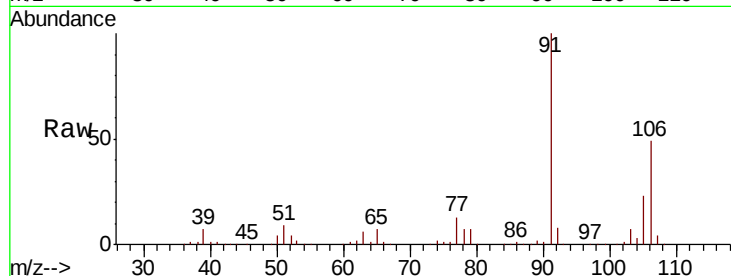




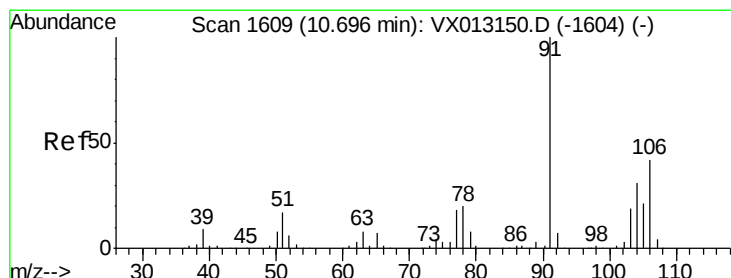
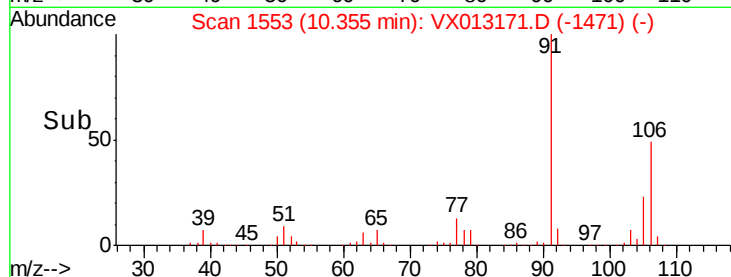
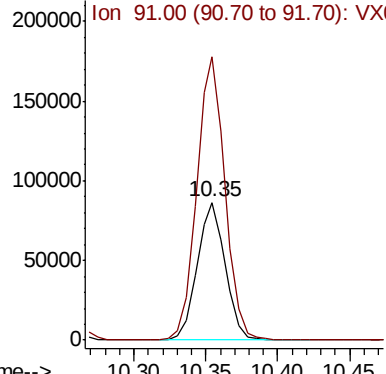
#67
m/p-Xylenes
Concen: 38.503 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013171.D
Acq: 22 Oct 2019 12:32

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 117858
Ion Ratio Lower Upper
106 100
91 207.1 163.7 245.5

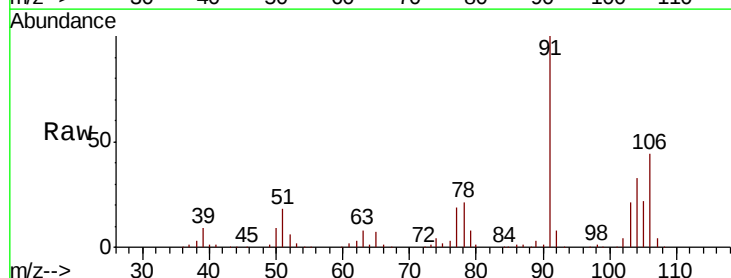


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

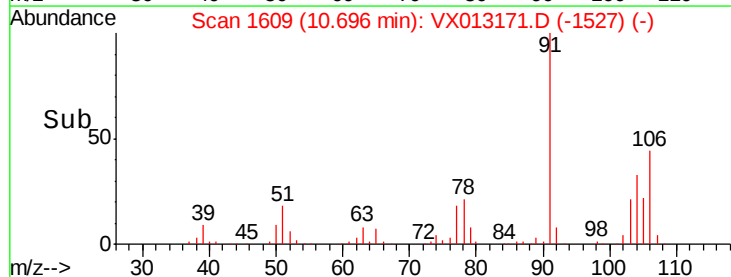
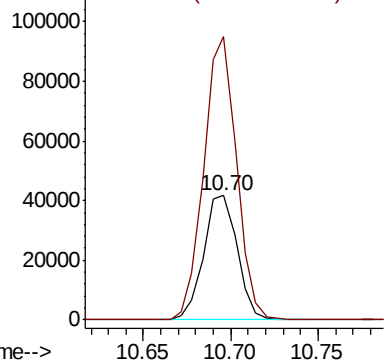


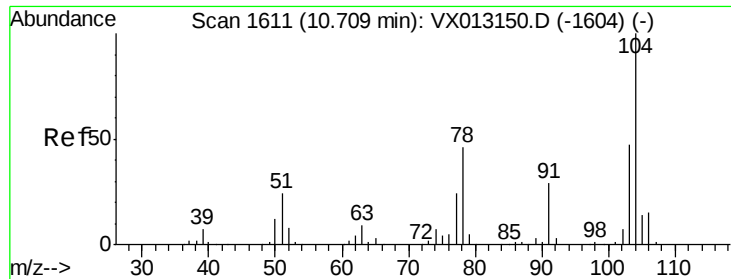
#68
o-Xylene
Concen: 19.193 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013171.D
Acq: 22 Oct 2019 12:32

Tgt Ion:106 Resp: 56084
Ion Ratio Lower Upper
106 100
91 220.8 113.6 340.8



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

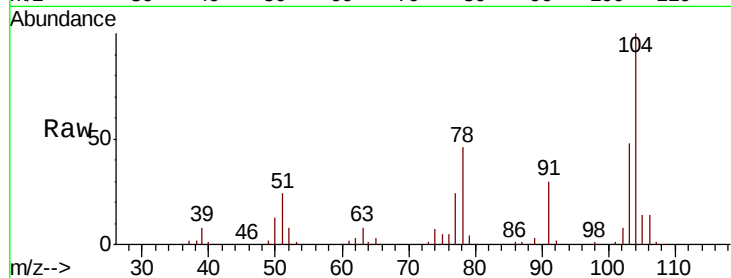




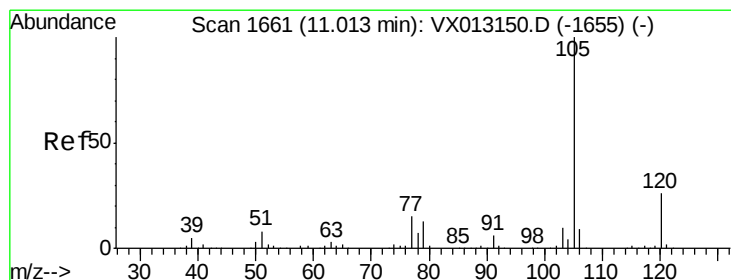
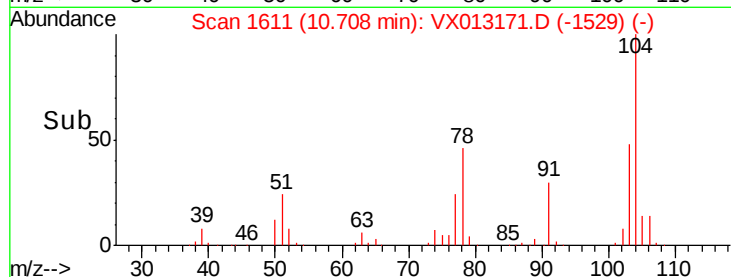
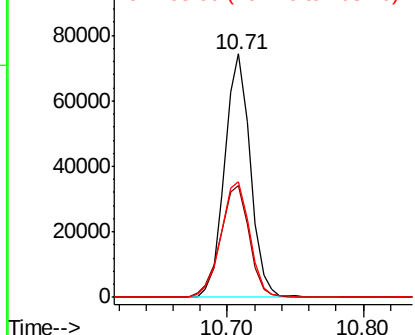
#69
Stvrene
Concen: 19.399 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013171.D
Acq: 22 Oct 2019 12:32

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:104 Resp: 97547
Ion Ratio Lower Upper
104 100
78 51.7 42.3 63.5
103 53.1 42.2 63.2

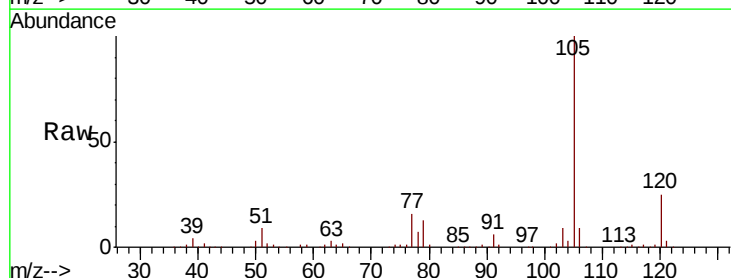


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V

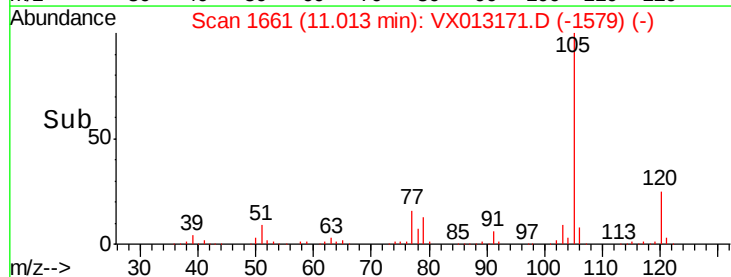
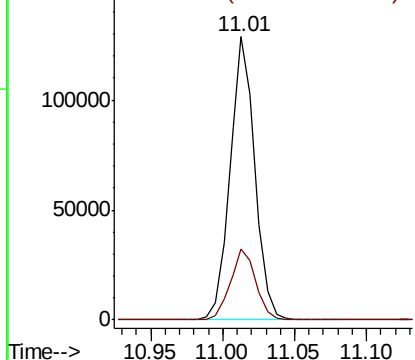


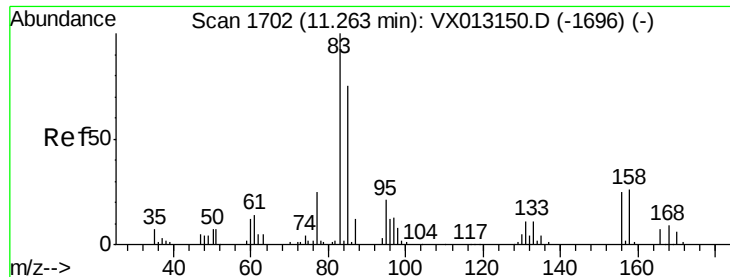
#70
Isopropylbenzene
Concen: 19.310 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX013171.D
Acq: 22 Oct 2019 12:32

Tgt Ion:105 Resp: 154836
Ion Ratio Lower Upper
105 100
120 25.9 18.1 33.7



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

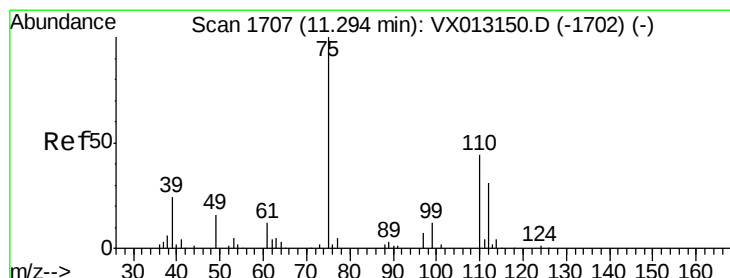
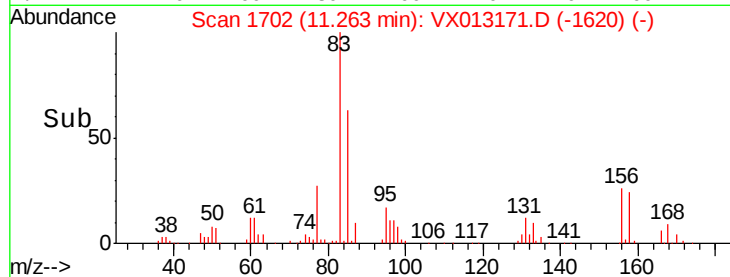
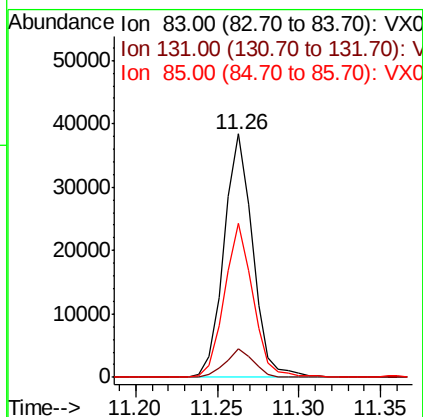
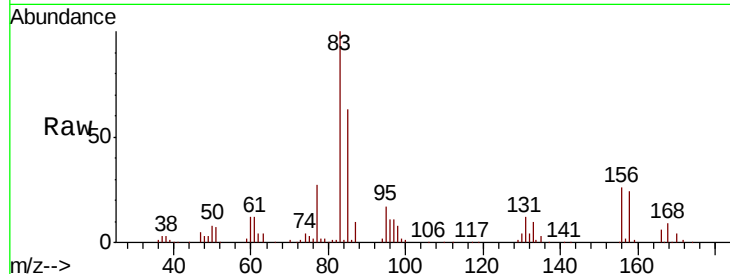




#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.171 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: VX013171.D
 Acq: 22 Oct 2019 12:32

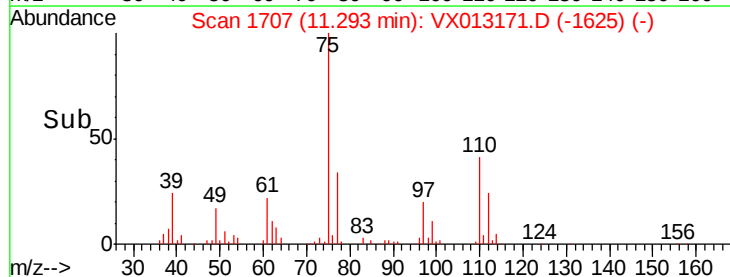
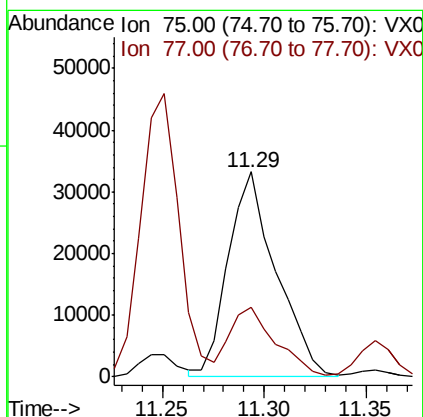
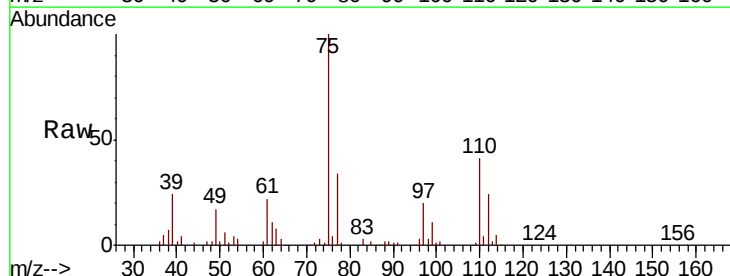
Instrument :
 MSVOA_X
 ClientSampleId :

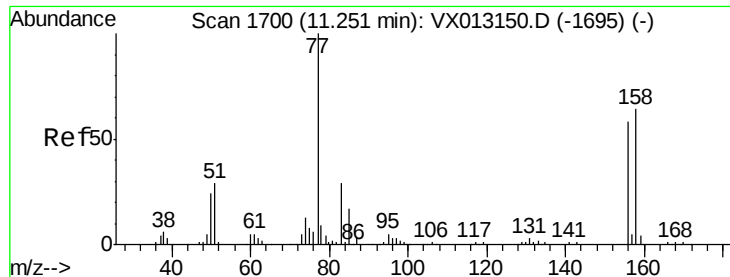
Tot Ion: 83 Resp: 47102
 Ion Ratio Lower Upper
 83 100
 131 11.4 5.5 16.4
 85 62.9 32.9 98.6



#72
 1,2,3-Trichloropropane
 Concen: 25.539 ug/l
 RT: 11.29 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX013171.D
 Acq: 22 Oct 2019 12:32

Tgt Ion: 75 Resp: 54500
 Ion Ratio Lower Upper
 75 100
 77 32.1 0.0 74.0





#73

Bromobenzene

Concen: 19.162 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013171.D

Acq: 22 Oct 2019 12:32

Instrument :

MSVOA_X

ClientSampled :

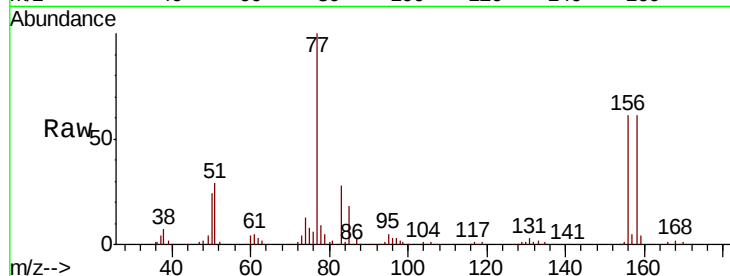
Tot Ion:156 Resp: 36873

Ion Ratio Lower Upper

156 100

77 161.8 0.0 328.0

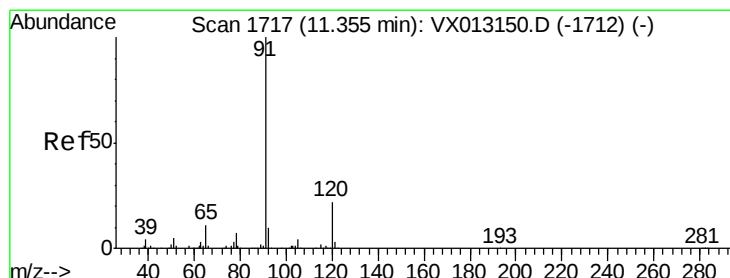
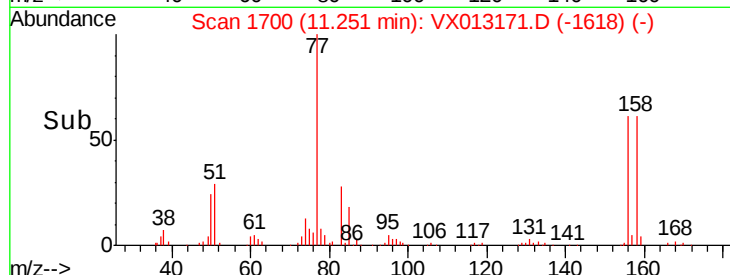
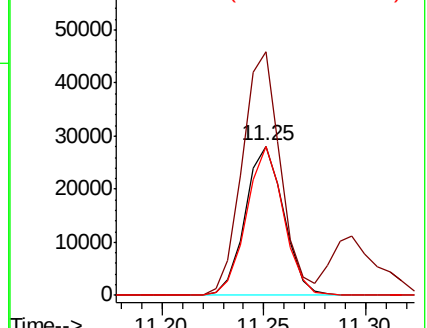
158 95.9 0.0 196.2



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: 19.621 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013171.D

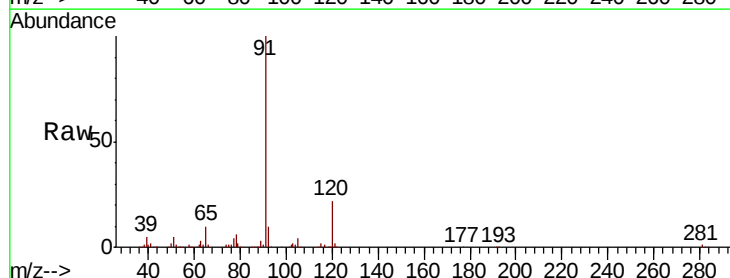
Acq: 22 Oct 2019 12:32

Tgt Ion: 91 Resp: 172680

Ion Ratio Lower Upper

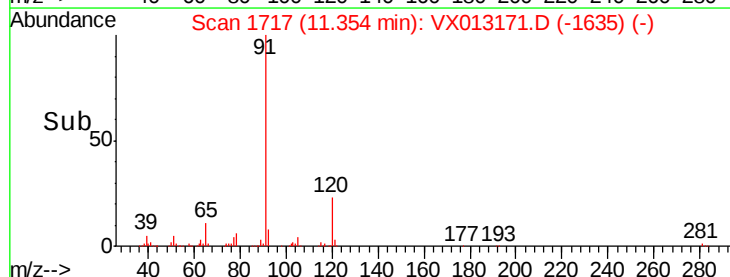
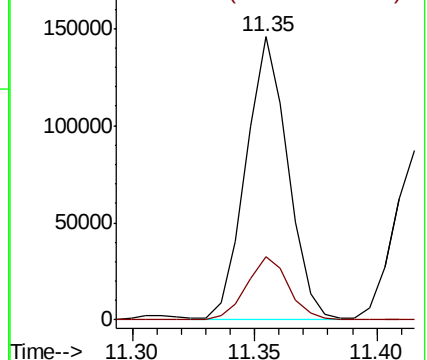
91 100

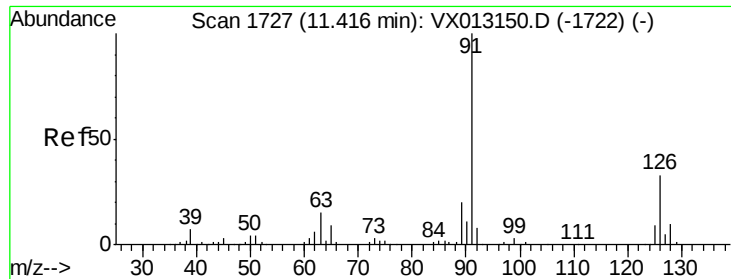
120 22.3 0.0 45.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

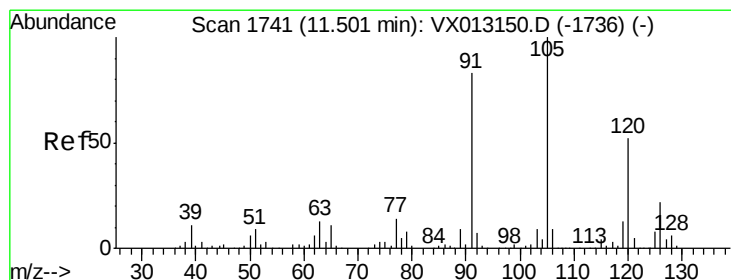
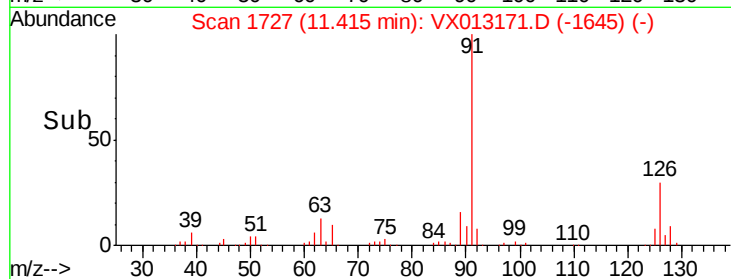
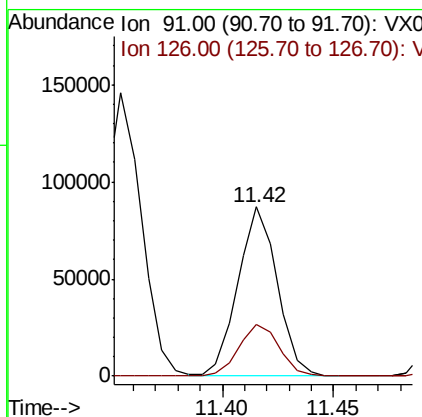
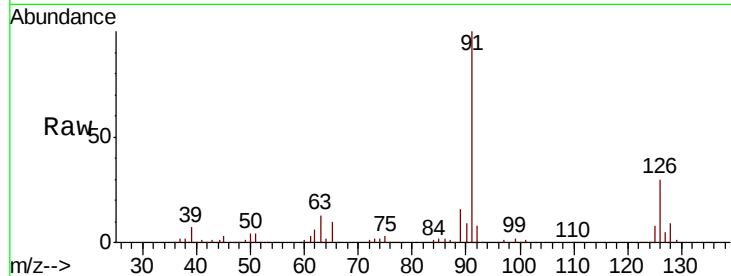




#75
 2-Chlorotoluene
 Concen: 19.359 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX013171.D
 Acq: 22 Oct 2019 12:32

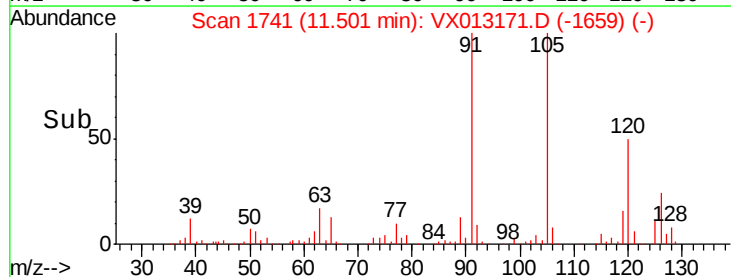
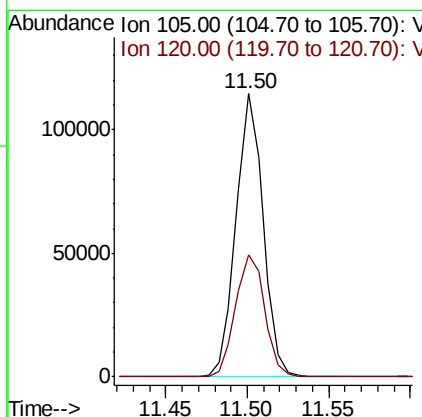
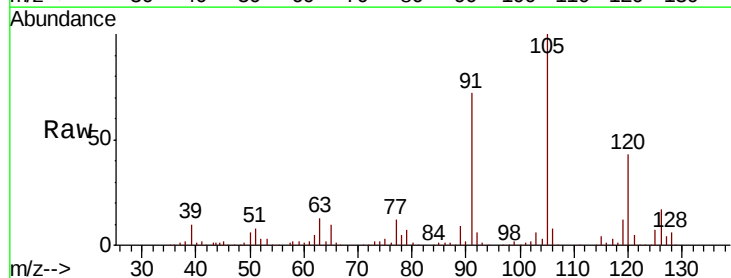
Instrument :
 MSVOA_X
 ClientSampleId :

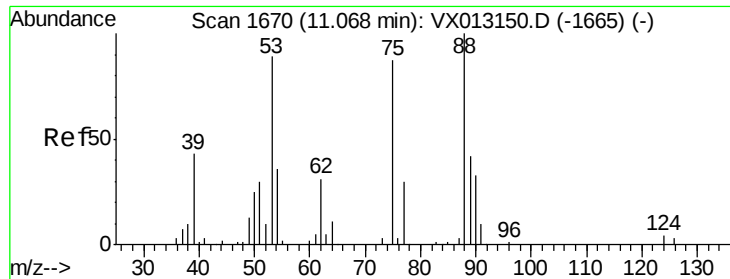
Tot Ion: 91 Resp: 106608
 Ion Ratio Lower Upper
 91 100
 126 31.5 0.0 63.8



#76
 1,3,5-Trimethylbenzene
 Concen: 19.754 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX013171.D
 Acq: 22 Oct 2019 12:32

Tgt Ion: 105 Resp: 132964
 Ion Ratio Lower Upper
 105 100
 120 46.3 0.0 98.0





#77

t-1,4-Dichloro-2-butene

Concen: 17.579 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX013171.D

Acq: 22 Oct 2019 12:32

Instrument :

MSVOA_X

ClientSampleId :

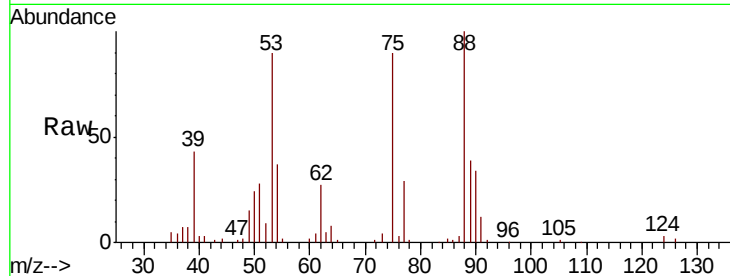
Tot Ion: 75 Resp: 14565

Ion Ratio Lower Upper

75 100

53 99.5 51.1 153.4

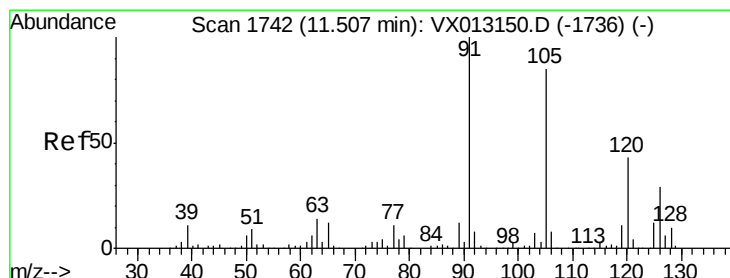
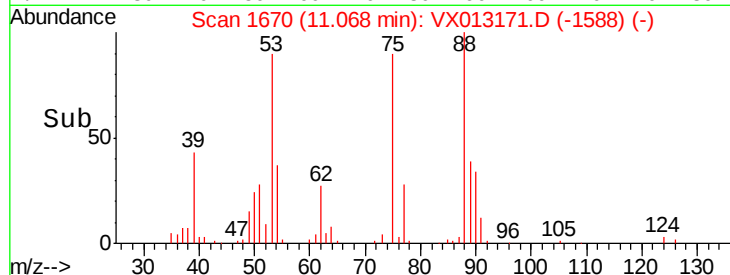
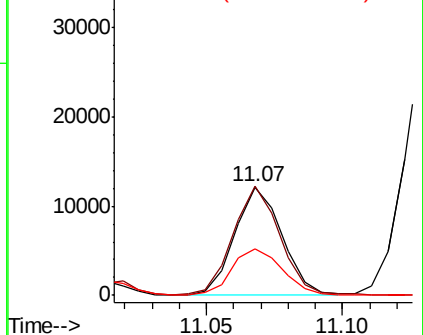
89 42.5 24.1 72.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 19.196 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX013171.D

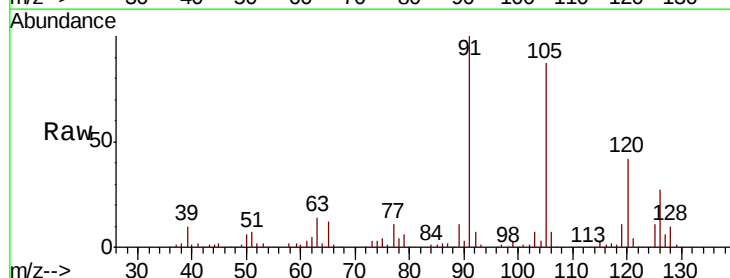
Acq: 22 Oct 2019 12:32

Tgt Ion: 91 Resp: 120791

Ion Ratio Lower Upper

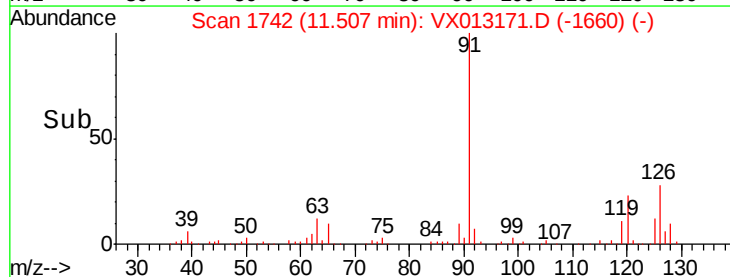
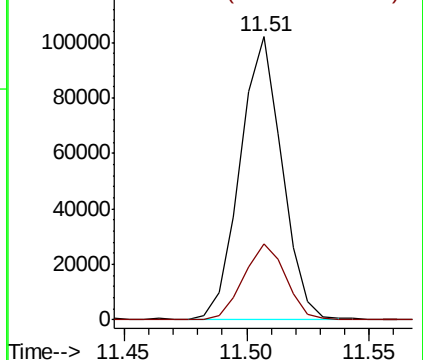
91 100

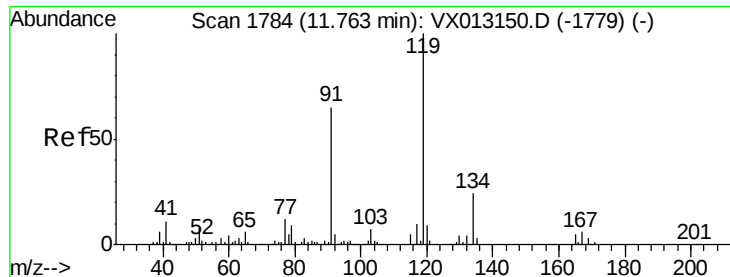
126 27.4 0.0 58.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V

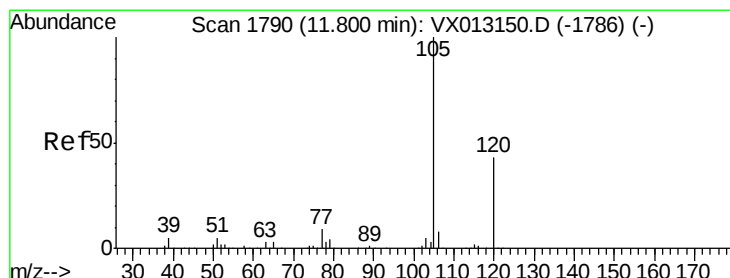
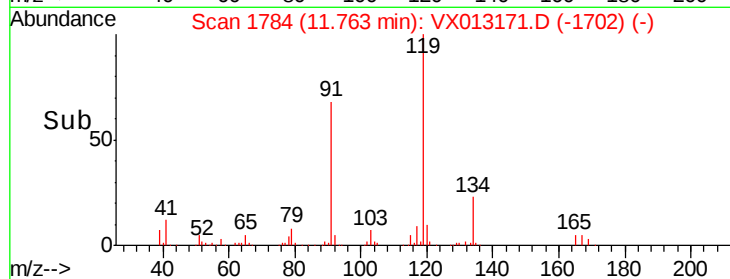
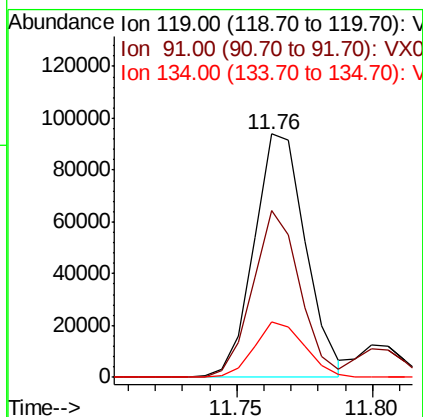
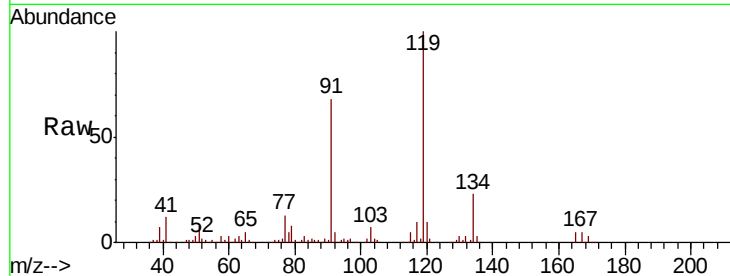




#79
tert-butylbenzene
Concen: 19.081 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX013171.D
Acq: 22 Oct 2019 12:32

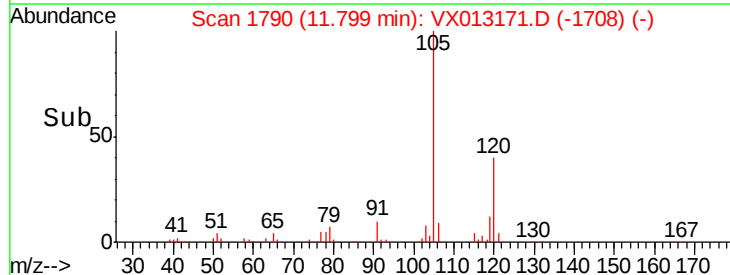
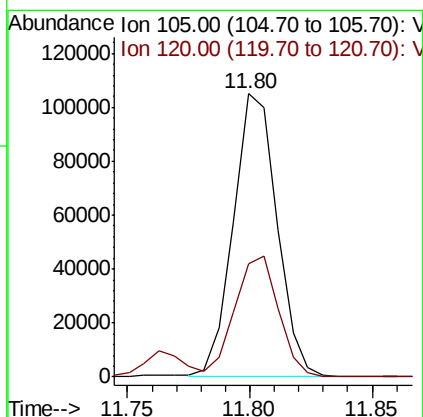
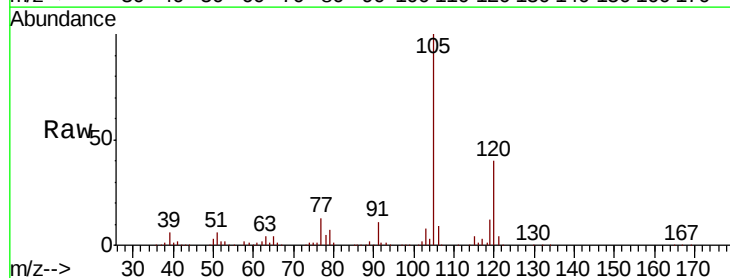
Instrument :
MSVOA_X
ClientSampleId :

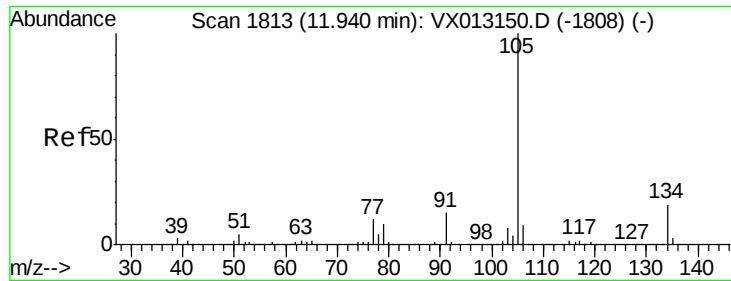
Tot Ion	Ratio	Lower	Upper
119	100		
91	62.7	0.0	128.4
134	22.5	0.0	49.0



#80
1,2,4-Trimethylbenzene
Concen: 19.441 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX013171.D
Acq: 22 Oct 2019 12:32

Tgt Ion	Ratio	Lower	Upper
105	100		
120	42.9	0.0	87.4

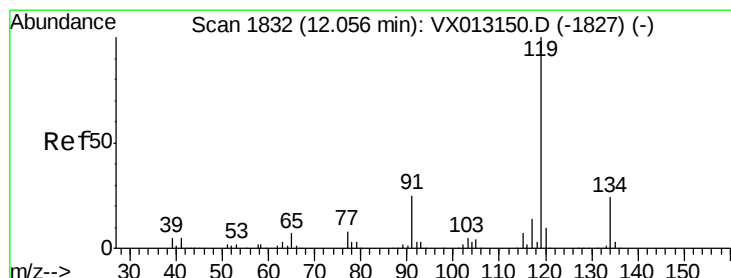
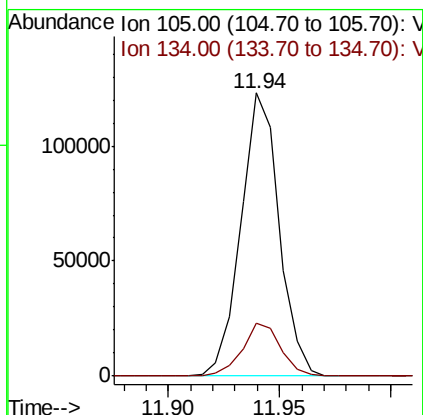
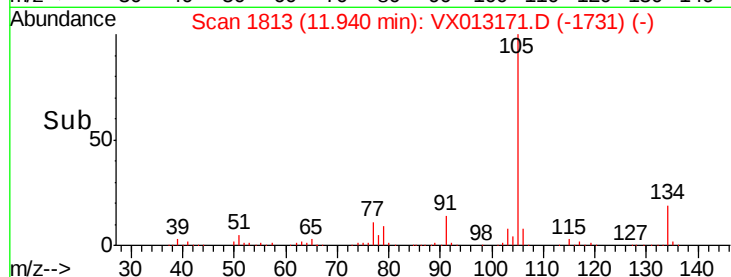
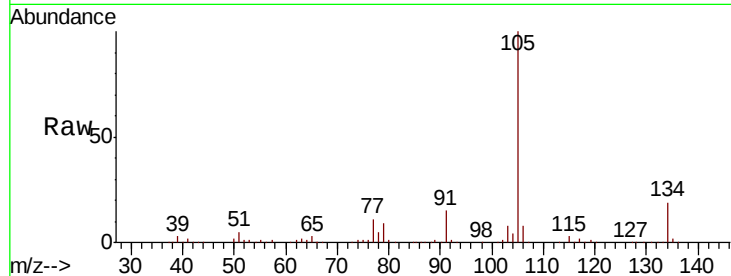




#81
 sec-Butylbenzene
 Concen: 19.116 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX013171.D
 Acq: 22 Oct 2019 12:32

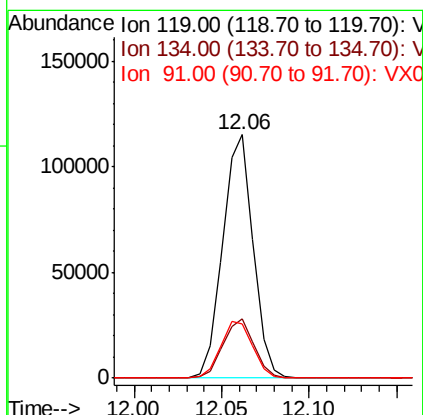
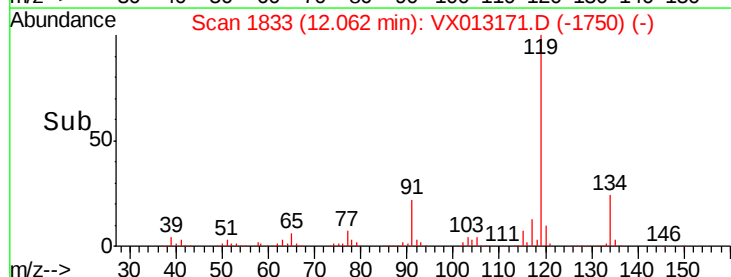
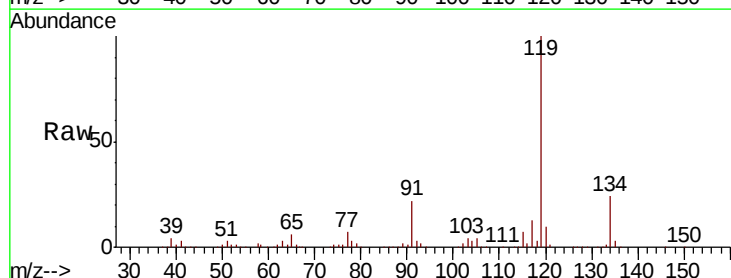
Instrument :
 MSVOA_X
 ClientSampled :

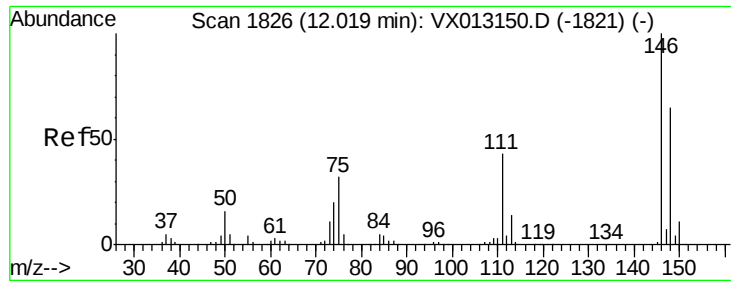
Tot Ion:105 Resp: 147593
 Ion Ratio Lower Upper
 105 100
 134 18.9 0.0 39.2



#82
 p-Isopropyltoluene
 Concen: 19.745 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.01 min
 Lab File: VX013171.D
 Acq: 22 Oct 2019 12:32

Tgt Ion:119 Resp: 139391
 Ion Ratio Lower Upper
 119 100
 134 24.8 0.0 51.6
 91 24.6 0.0 50.0

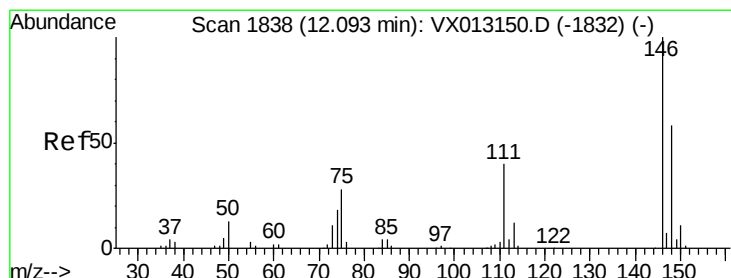
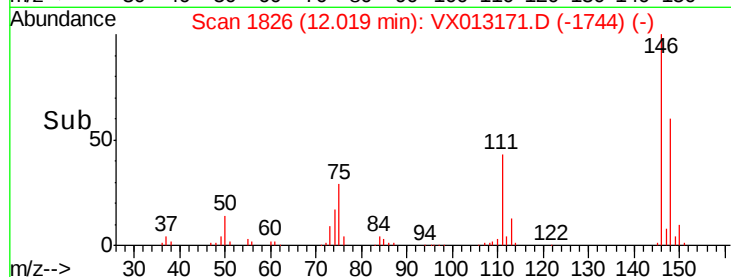
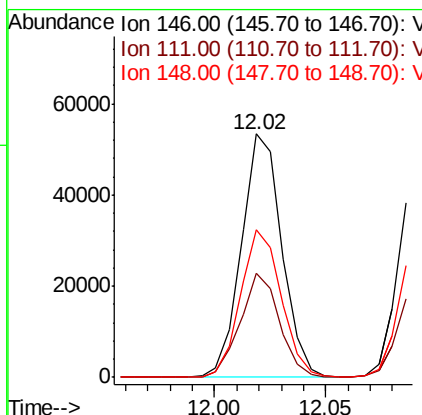
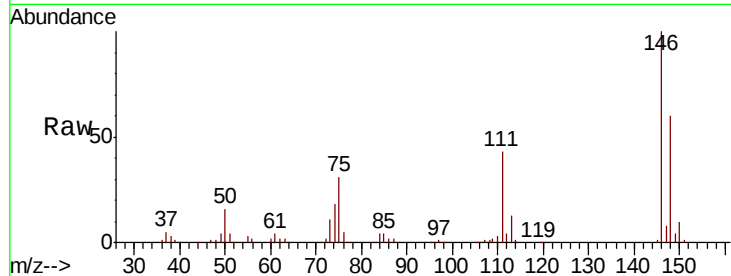




#83
 1,3-Dichlorobenzene
 Concen: 19.247 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013171.D
 Acq: 22 Oct 2019 12:32

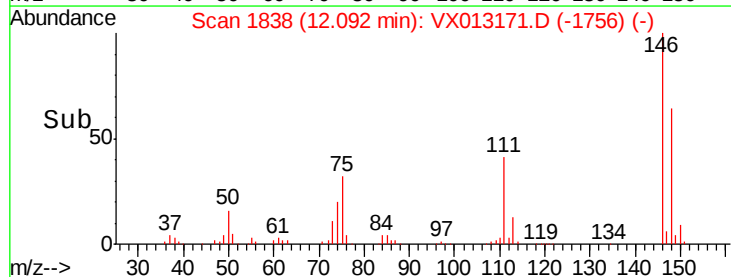
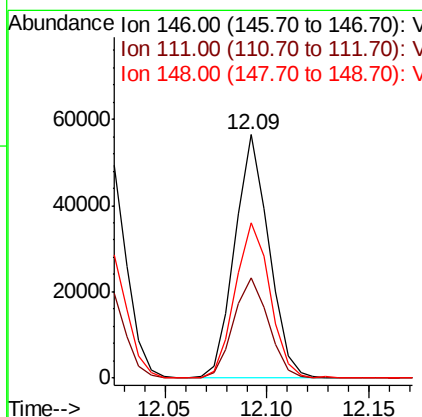
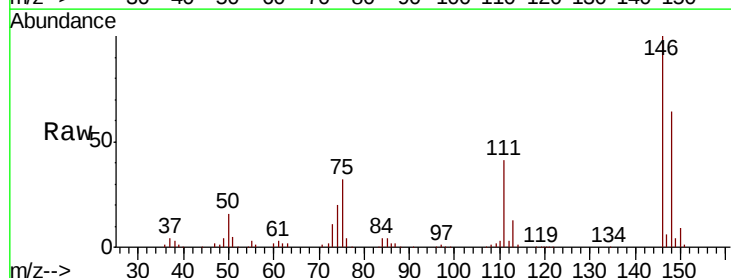
Instrument :
 MSVOA_X
 ClientSampleId :

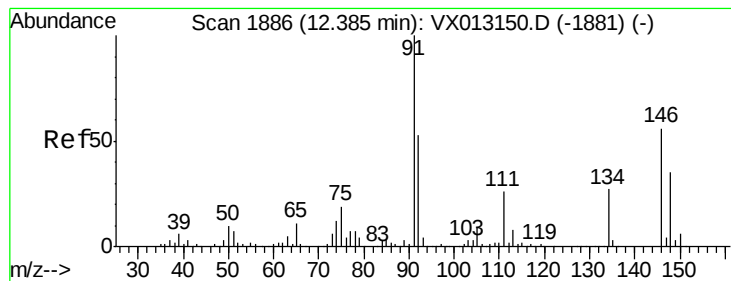
Tot Ion:146 Resp: 67636
 Ion Ratio Lower Upper
 146 100
 111 41.7 21.8 65.4
 148 60.8 31.2 93.6



#84
 1,4-Dichlorobenzene
 Concen: 18.697 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013171.D
 Acq: 22 Oct 2019 12:32

Tgt Ion:146 Resp: 64982
 Ion Ratio Lower Upper
 146 100
 111 42.7 20.3 60.9
 148 65.9 31.4 94.2





#85

n-Butylbenzene

Concen: 18.302 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX013171.D

Acq: 22 Oct 2019 12:32

Instrument :

MSVOA_X

ClientSampleId :

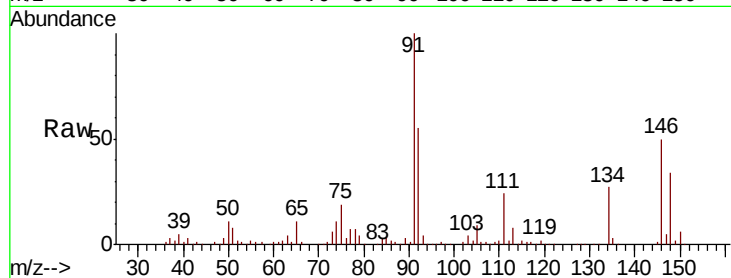
Tot Ion: 91 Resp: 109749

Ion Ratio Lower Upper

91 100

92 54.7 0.0 106.8

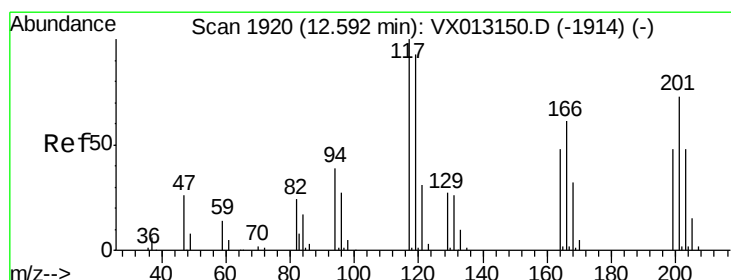
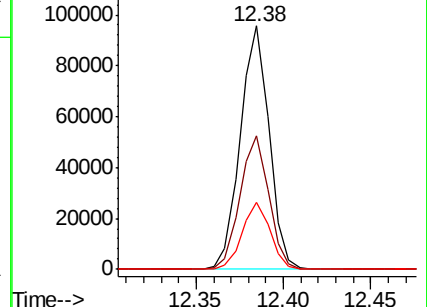
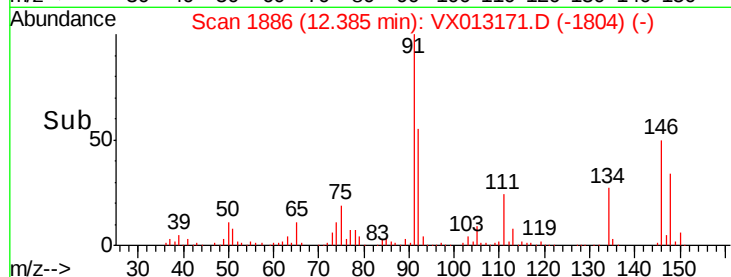
134 26.8 0.0 52.4



Abundance Ion 91.00 (90.70 to 91.70): VX013171.D (-1887) (-)

Ion 92.00 (91.70 to 92.70): VX013171.D (-1887) (-)

Ion 134.00 (133.70 to 134.70): VX013171.D (-1887) (-)



#86

Hexachloroethane

Concen: 18.073 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX013171.D

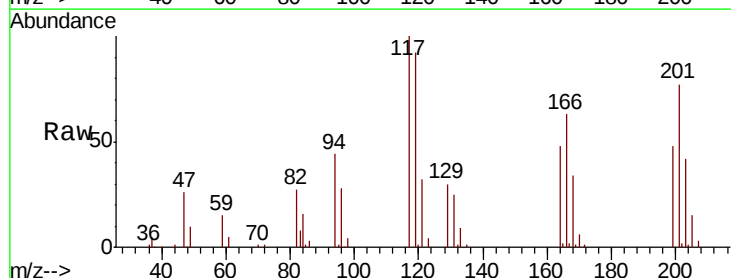
Acq: 22 Oct 2019 12:32

Tgt Ion: 117 Resp: 22269

Ion Ratio Lower Upper

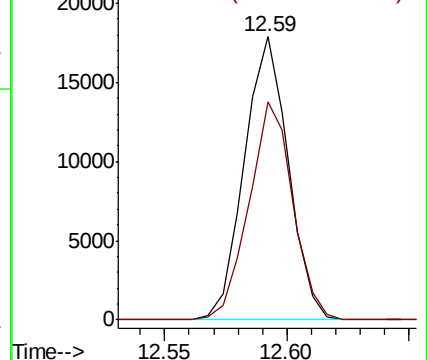
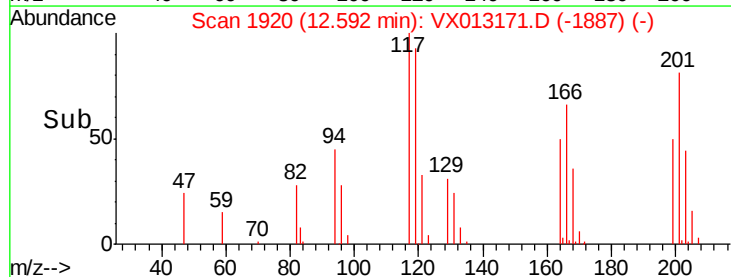
117 100

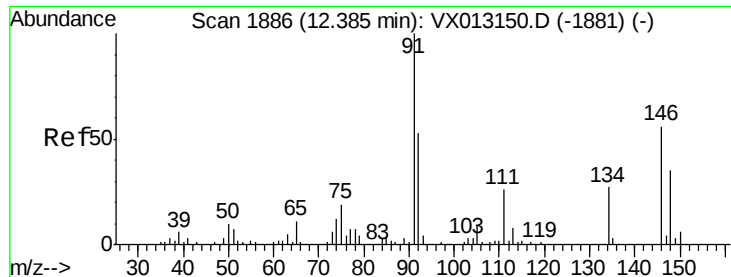
201 77.0 35.9 107.5



Abundance Ion 117.00 (116.70 to 117.70): VX013171.D (-1887) (-)

Ion 201.00 (200.70 to 201.70): VX013171.D (-1887) (-)

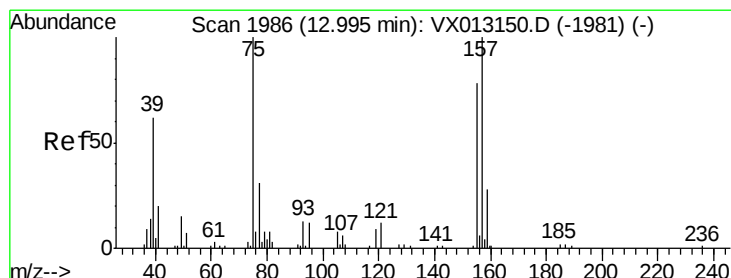
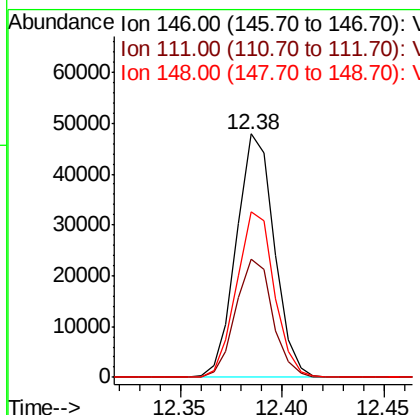
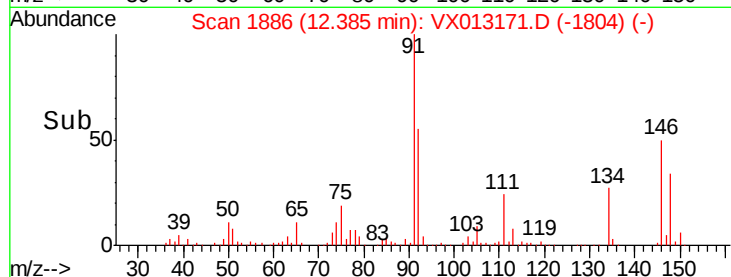
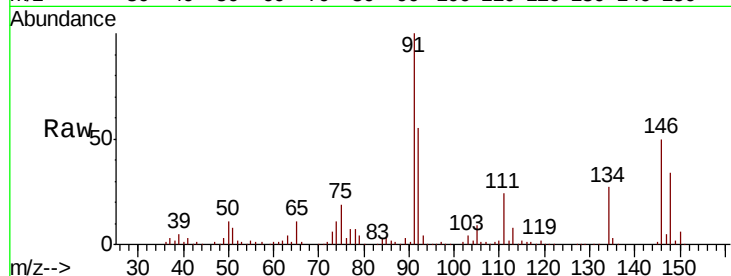




#87
 1,2-Dichlorobenzene
 Concen: 18.129 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013171.D
 Acq: 22 Oct 2019 12:32

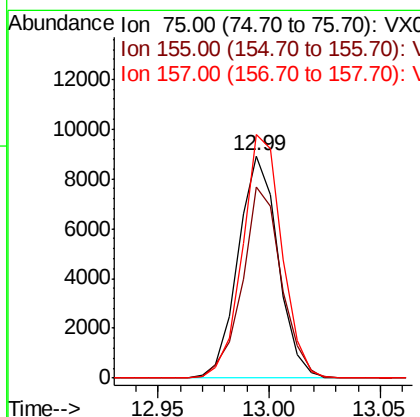
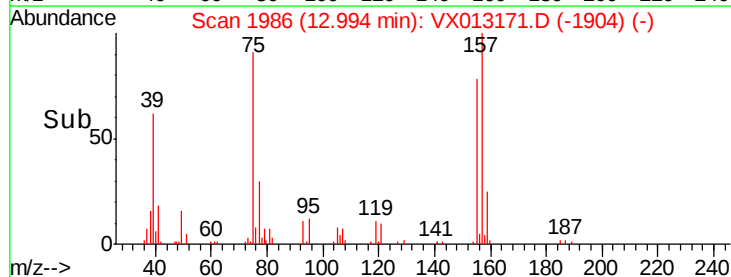
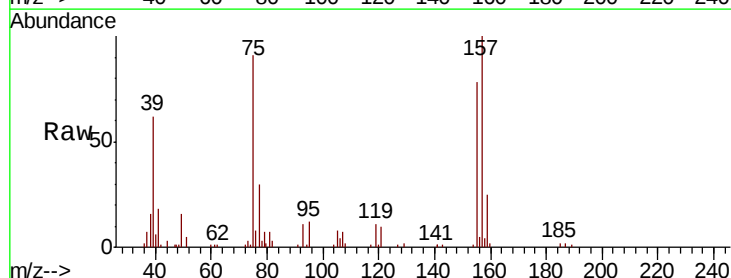
Instrument :
 MSVOA_X
 ClientSampleId :

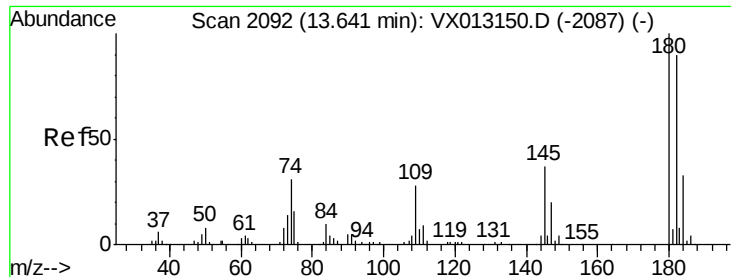
Tot Ion:146 Resp: 61799
 Ion Ratio Lower Upper
 146 100
 111 47.2 22.5 67.5
 148 67.7 31.4 94.2



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.453 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX013171.D
 Acq: 22 Oct 2019 12:32

Tgt Ion: 75 Resp: 11172
 Ion Ratio Lower Upper
 75 100
 155 84.4 65.4 98.0
 157 108.7 84.1 126.1

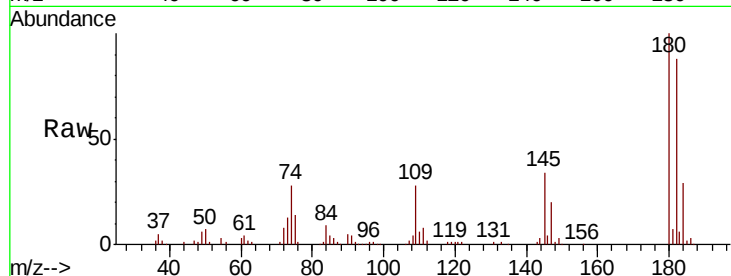




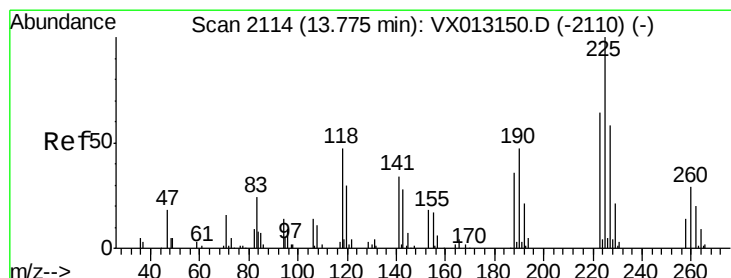
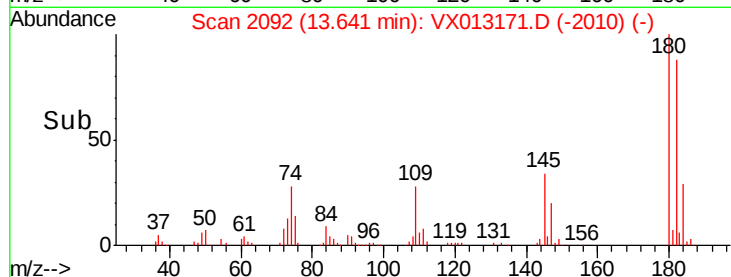
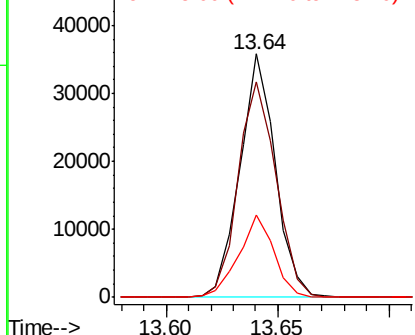
#89
 1,2,4-Trichlorobenzene
 Concen: 18.781 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013171.D
 Acq: 22 Oct 2019 12:32

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:180 Resp: 39817
 Ion Ratio Lower Upper
 180 100
 182 94.9 76.1 114.1
 145 33.6 27.4 41.2

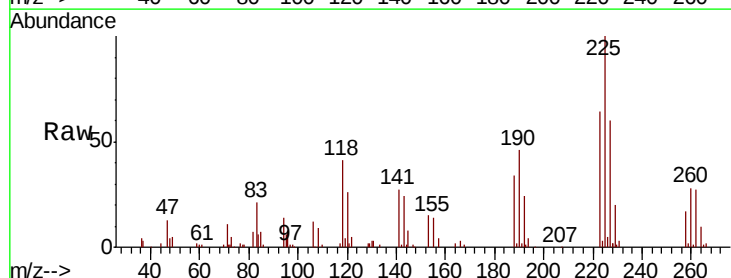


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

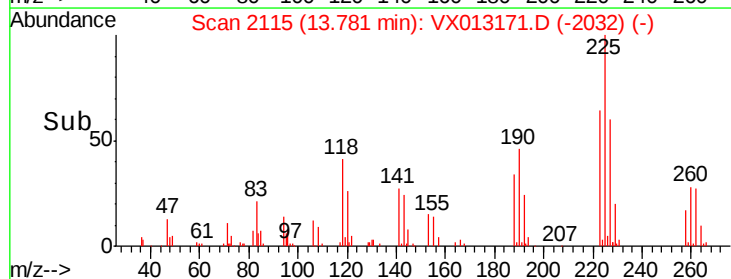
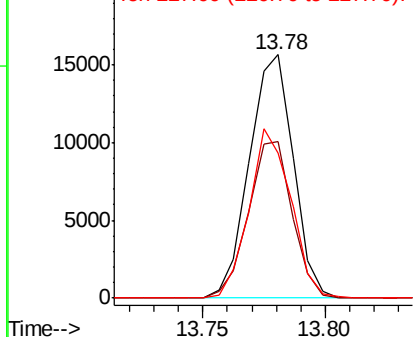


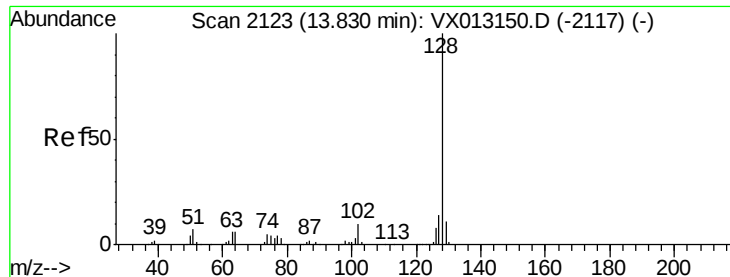
#90
 Hexachlorobutadiene
 Concen: 18.314 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.01 min
 Lab File: VX013171.D
 Acq: 22 Oct 2019 12:32

Tgt Ion:225 Resp: 19713
 Ion Ratio Lower Upper
 225 100
 223 64.2 0.0 131.2
 227 66.1 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

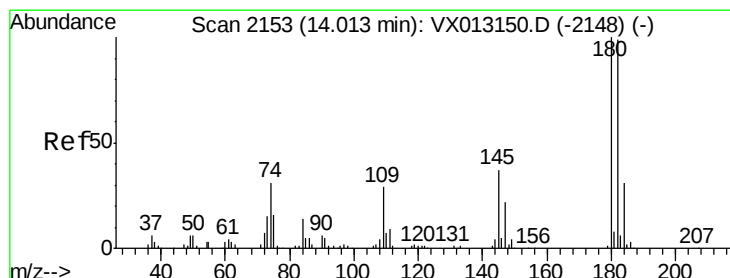
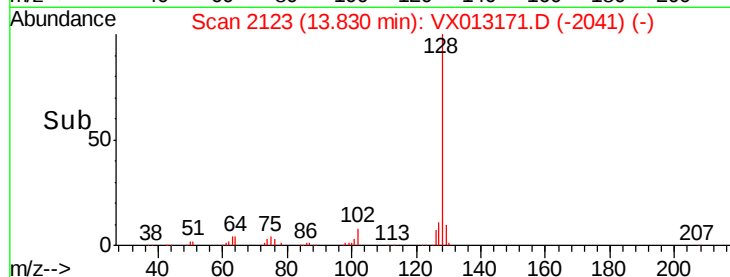
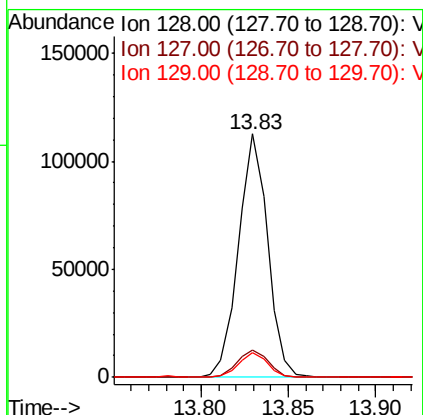
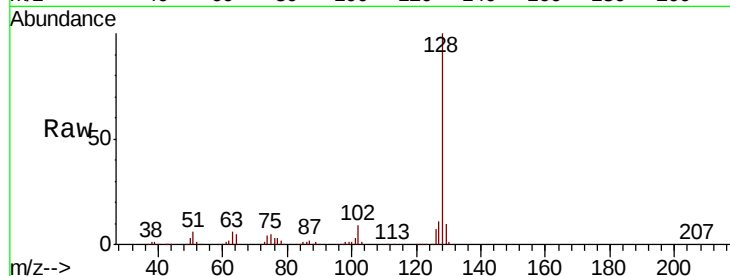




#91
Naphthalene
Concen: 18.950 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013171.D
Acq: 22 Oct 2019 12:32

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 130682
Ion Ratio Lower Upper
128 100
127 12.0 10.5 15.7
129 10.2 8.6 12.8



#92
1,2,3-Trichlorobenzene
Concen: 19.176 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX013171.D
Acq: 22 Oct 2019 12:32

Tgt Ion:180 Resp: 41652
Ion Ratio Lower Upper
180 100
182 97.2 0.0 194.4
145 34.9 0.0 71.2

