

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020520\
 Data File : VX014815.D
 Acq On : 05 Feb 2020 12:13
 Operator : JC/SP
 Sample : VX0205WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 06 03:03:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X011520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 15 12:41:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	65188	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	344160	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	321126	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	145545	31.76	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	105.87%
60) 4-Bromofluorobenzene	11.13	95	153558	29.88	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.60%
63) Toluene-d8	8.71	98	427907	29.50	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.33%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	82293	18.267	ug/l 96
3) Chloromethane	1.32	50	88692	17.982	ug/l 95
4) Vinyl Chloride	1.40	62	96913	17.499	ug/l 96
5) Bromomethane	1.63	94	60472	17.498	ug/l 98
6) Chloroethane	1.72	64	58414	18.710	ug/l 100
7) Trichlorofluoromethane	1.92	101	111719	18.219	ug/l 100
8) Diethyl Ether	2.18	74	53996	20.159	ug/l 95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	66908	18.649	ug/l 99
10) 1,1-Dichloroethene	2.37	96	65457	18.139	ug/l 97
11) Methyl Iodide	2.50	142	89785	18.552	ug/l 99
12) Methyl Acetate	2.76	43	132382	20.307	ug/l 100
13) Acrolein	2.28	56	62113	90.711	ug/l 98
14) Acrylonitrile	3.12	53	216009	96.839	ug/l 99
15) Acetone	2.43	58	69130	92.444	ug/l 86
16) Carbon Disulfide	2.56	76	167020	16.852	ug/l 98
17) Allyl chloride	2.72	41	123273	18.458	ug/l 92
18) Methylene Chloride	2.85	84	82585	19.554	ug/l 96
19) trans-1,2-Dichloroethene	3.15	96	72438	18.647	ug/l 97
20) Diisopropyl ether	3.84	45	263322	19.928	ug/l 94
21) 1,1-Dichloroethane	3.69	63	138567	19.303	ug/l 97
22) cis-1,2-Dichloroethene	4.59	96	86615	19.403	ug/l 97
23) tert-Butyl Alcohol	3.02	59	88456	95.888	ug/l # 100
24) Methyl tert-Butyl Ether	3.18	73	245529	20.444	ug/l 99
25) Chloroform	5.20	83	141212	20.308	ug/l 98
26) Cyclohexane	5.57	56	113969	17.212	ug/l # 98
29) 1,1-Dichloropropene	5.79	75	94901	18.802	ug/l 99
30) 2-Butanone	4.65	43	314745	98.440	ug/l 99
31) 2,2-Dichloropropane	4.57	77	106415	19.704	ug/l 97
32) 1,1,1-Trichloroethane	5.48	97	110047	19.707	ug/l 99
33) Carbon Tetrachloride	5.77	117	94053	19.619	ug/l 96
34) Benzene	6.13	78	311769	19.989	ug/l 98
35) Methacrylonitrile	5.03	41	64137	20.085	ug/l 96
36) 1,2-Dichloroethane	6.18	62	116179	21.405	ug/l 98
37) Trichloroethene	7.20	130	85651	20.056	ug/l 99
38) Methylcyclohexane	7.46	83	114009	18.142	ug/l 98
39) 1,2-Dichloropropane	7.50	63	81238	20.030	ug/l 96
40) Dibromomethane	7.65	93	54530	20.921	ug/l 98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020520\
 Data File : VX014815.D
 Acq On : 05 Feb 2020 12:13
 Operator : JC/SP
 Sample : VX0205WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 06 03:03:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X011520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 15 12:41:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	107969	21.153	ug/l	98
42) Vinyl Acetate	3.80	43	989385	100.396	ug/l	99
43) Ethyl Acetate	4.81	43	117150	20.240	ug/l	95
44) Isopropyl Acetate	6.43	43	185835	19.903	ug/l	98
45) 1,4-Dioxane	7.73	88	38890	416.383	ug/l	99
46) Methyl methacrylate	7.76	41	90535	19.717	ug/l	99
47) n-amyl Acetate	10.89	43	152392	19.479	ug/l	99
48) t-1,3-Dichloropropene	9.03	75	115167	20.666	ug/l	95
49) cis-1,3-Dichloropropene	8.43	75	128327	20.437	ug/l	98
50) 1,1,2-Trichloroethane	9.21	97	82596	20.825	ug/l	99
51) Ethyl methacrylate	9.17	69	125123	20.261	ug/l	98
52) 1,3-Dichloropropane	9.36	76	140692	20.937	ug/l	100
53) Dibromochloromethane	9.57	129	85095	20.976	ug/l	99
54) 1,2-Dibromoethane	9.67	107	85760	20.849	ug/l	99
55) 2-Chloroethyl vinyl ether	8.30	63	265971	93.713	ug/l	99
56) Bromoform	10.85	173	64198	20.544	ug/l	97
58) 4-Methyl-2-Pentanone	8.63	43	595117	98.410	ug/l	99
59) 2-Hexanone	9.48	43	462693	98.931	ug/l	99
61) Tetrachloroethene	9.33	164	95759	20.175	ug/l	98
62) Toluene	8.78	91	335119	19.670	ug/l	100
64) Chlorobenzene	10.13	112	213206	20.046	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.21	131	81841	20.835	ug/l	100
66) Ethyl Benzene	10.24	91	353000	19.022	ug/l	98
67) m/p-Xylenes	10.35	106	282172	39.697	ug/l	99
68) o-Xylene	10.70	106	136532	19.725	ug/l	99
69) Styrene	10.71	104	230636	19.666	ug/l	100
70) Isopropylbenzene	11.01	105	348908	19.241	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	119869	19.624	ug/l	96
72) 1,2,3-Trichloropropane	11.29	75	137664	26.348	ug/l	98
73) Bromobenzene	11.25	156	95667	19.902	ug/l	99
74) n-propylbenzene	11.35	91	398301	19.222	ug/l	98
75) 2-Chlorotoluene	11.42	91	245013	19.730	ug/l	98
76) 1,3,5-Trimethylbenzene	11.50	105	296172	19.601	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	37443	18.620	ug/l	99
78) 4-Chlorotoluene	11.51	91	275738	19.551	ug/l	98
79) tert-butylbenzene	11.76	119	264435	18.703	ug/l	96
80) 1,2,4-Trimethylbenzene	11.80	105	299452	19.870	ug/l	99
81) sec-Butylbenzene	11.94	105	327717	18.732	ug/l	99
82) p-Isopropyltoluene	12.06	119	298262	18.675	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	167381	19.942	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	169199	20.333	ug/l	99
85) n-Butylbenzene	12.38	91	243447	17.421	ug/l	99
86) Hexachloroethane	12.59	117	53691	18.747	ug/l	96
87) 1,2-Dichlorobenzene	12.38	146	170190	20.096	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	26095	19.999	ug/l	98
89) 1,2,4-Trichlorobenzene	13.64	180	106645	19.078	ug/l	99
90) Hexachlorobutadiene	13.77	225	50101	17.937	ug/l	99
91) Naphthalene	13.83	128	319399	18.929	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	112058	19.694	ug/l	97

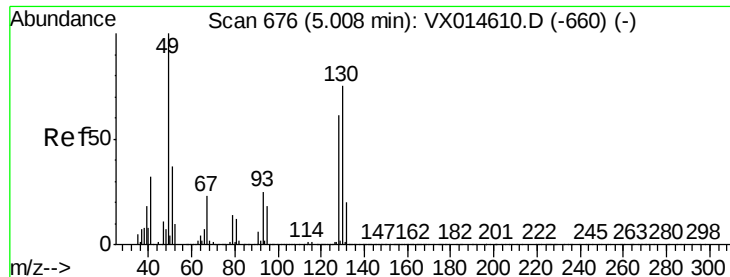
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020520\
Data File : VX014815.D
Acq On : 05 Feb 2020 12:13
Operator : JC/SP
Sample : VX0205WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Feb 06 03:03:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X011520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jan 15 12:41:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

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



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.00 min Scan# 675

Delta R.T. -0.00 min

Lab File: VX014815.D

Acq: 05 Feb 2020 12:13

Instrument :
MSVOA_X
ClientSampleId :

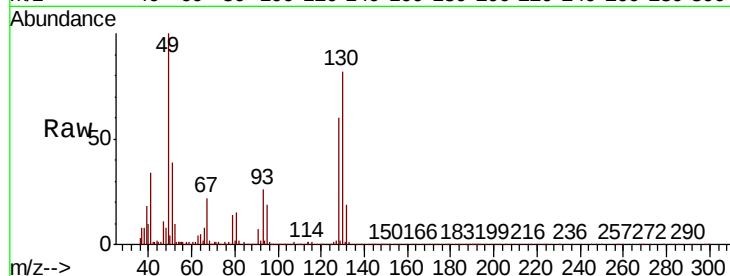
Tot Ion:128 Resp: 65188

Ion Ratio Lower Upper

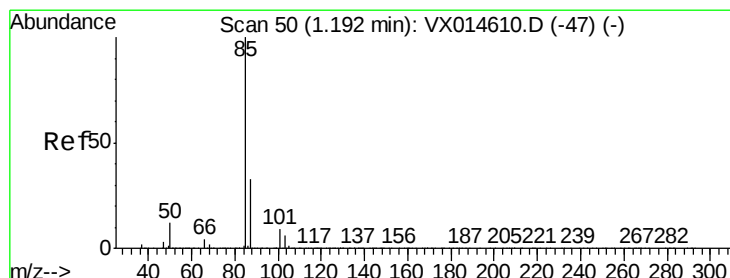
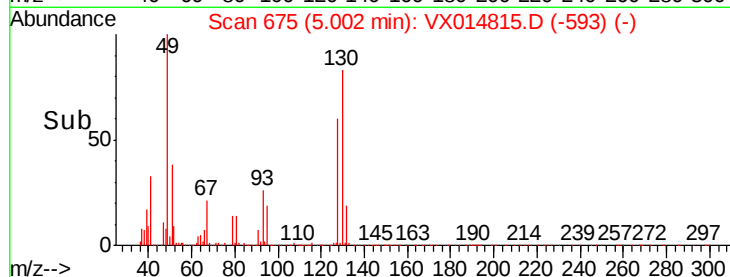
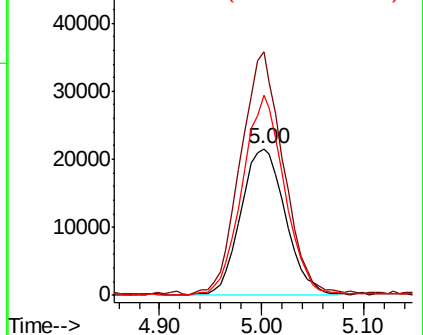
128 100

49 159.2 0.0 405.0

130 130.1 0.0 321.5



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: 18.267 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX014815.D

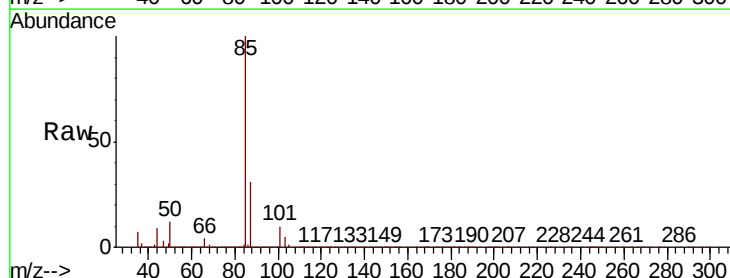
Acq: 05 Feb 2020 12:13

Tgt Ion: 85 Resp: 82293

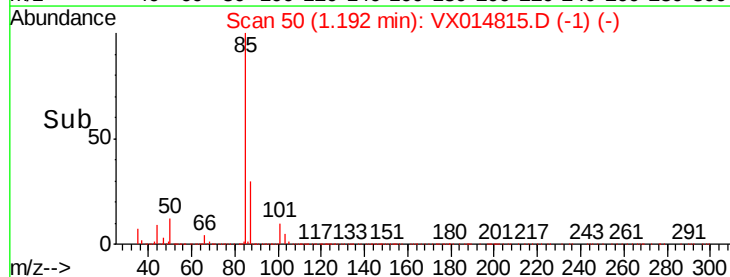
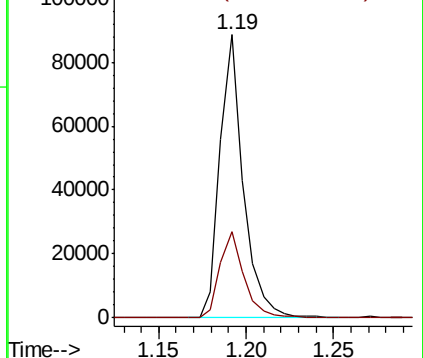
Ion Ratio Lower Upper

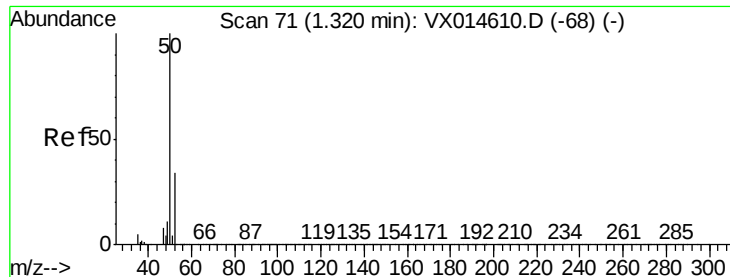
85 100

87 30.5 16.3 48.9



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

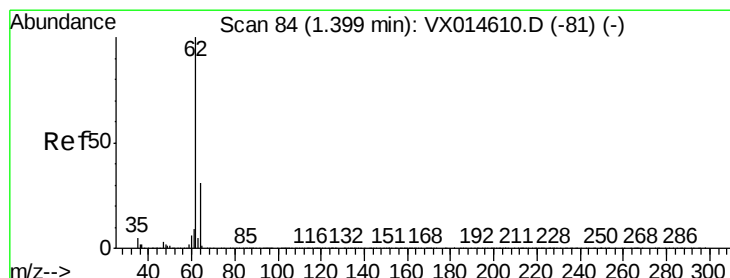
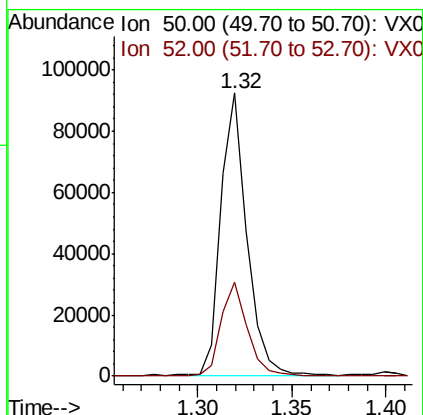
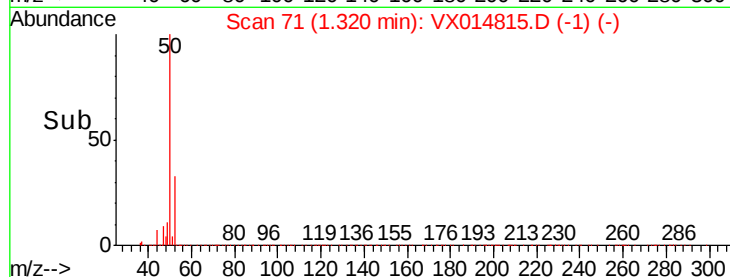
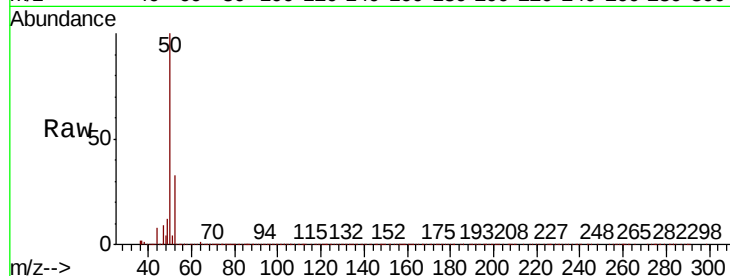




#3
Chloromethane
Concen: 17.982 ug/l
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VX014815.D
Acq: 05 Feb 2020 12:13

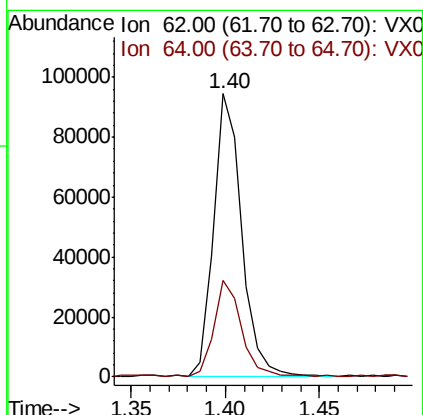
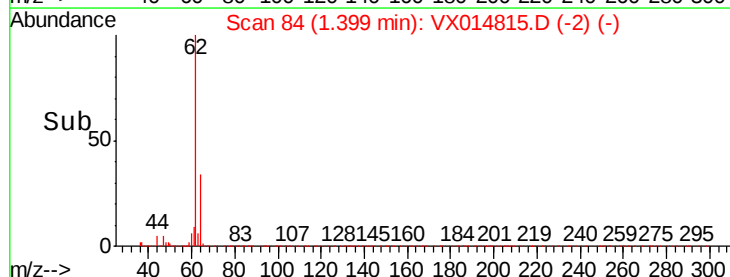
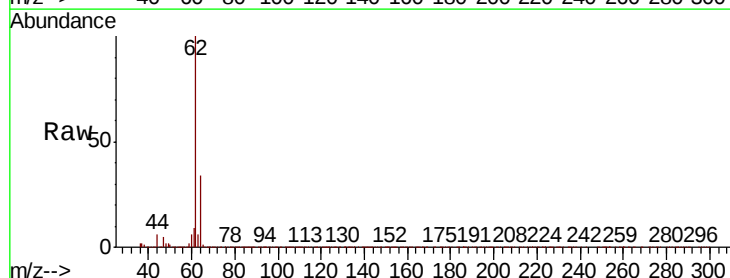
Instrument :
MSVOA_X
ClientSampleId :

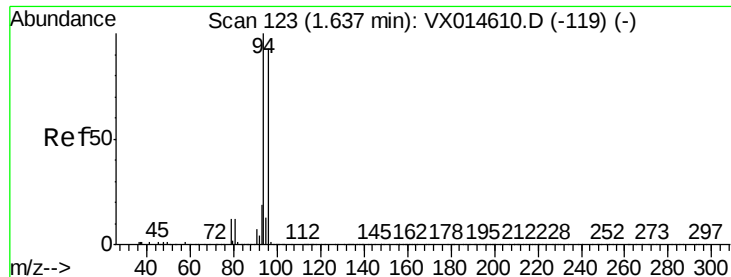
Tot Ion: 50 Resp: 88692
Ion Ratio Lower Upper
50 100
52 33.3 24.3 36.5



#4
Vinyl Chloride
Concen: 17.499 ug/l
RT: 1.40 min Scan# 84
Delta R.T. -0.00 min
Lab File: VX014815.D
Acq: 05 Feb 2020 12:13

Tgt Ion: 62 Resp: 96913
Ion Ratio Lower Upper
62 100
64 33.6 25.2 37.8





#5

Bromomethane

Concen: 17.498 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX014815.D

Acq: 05 Feb 2020 12:13

Instrument :

MSVOA_X

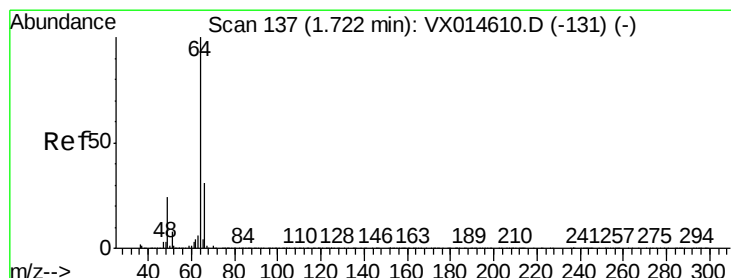
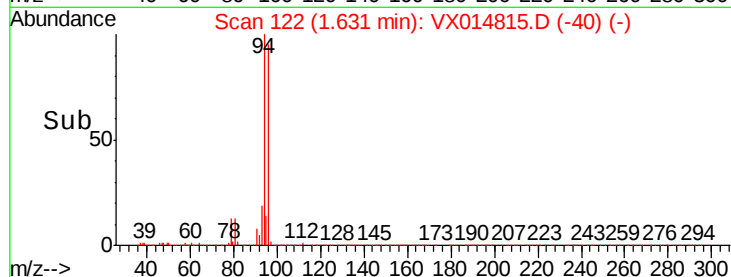
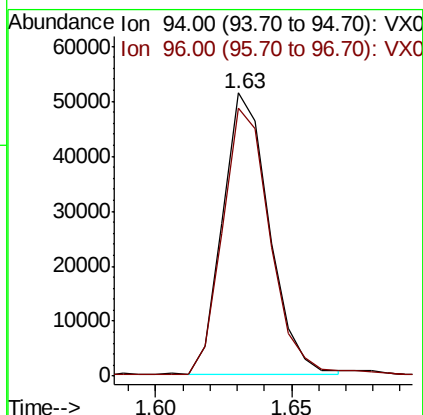
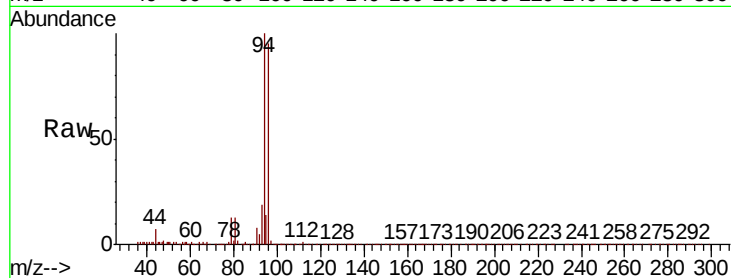
ClientSampleId :

Tot Ion: 94 Resp: 60472

Ion Ratio Lower Upper

94 100

96 94.6 74.4 111.6



#6

Chloroethane

Concen: 18.710 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014815.D

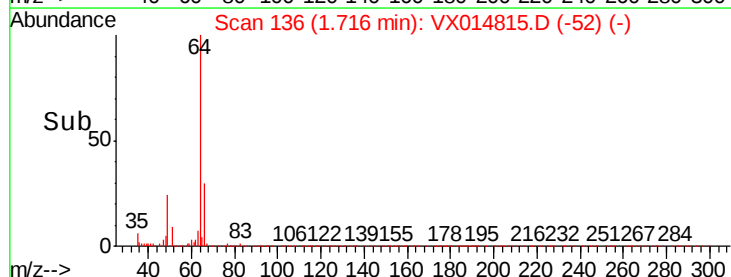
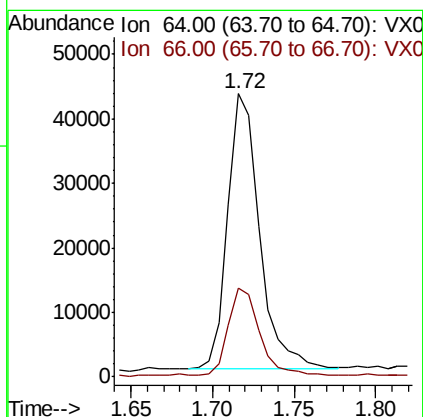
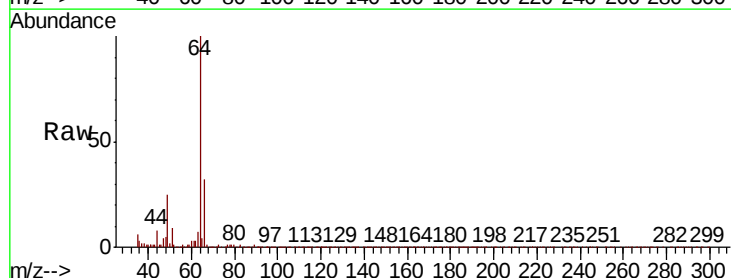
Acq: 05 Feb 2020 12:13

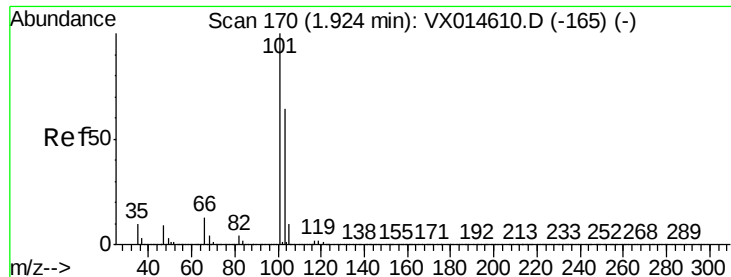
Tgt Ion: 64 Resp: 58414

Ion Ratio Lower Upper

64 100

66 31.6 25.2 37.8



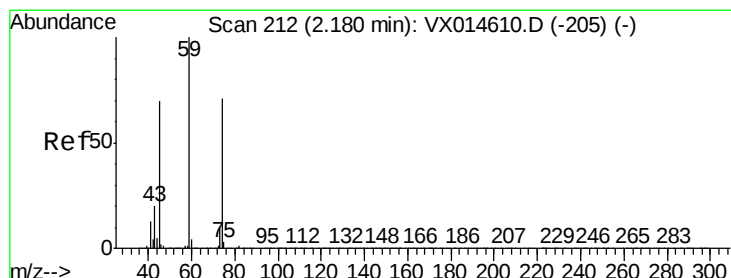
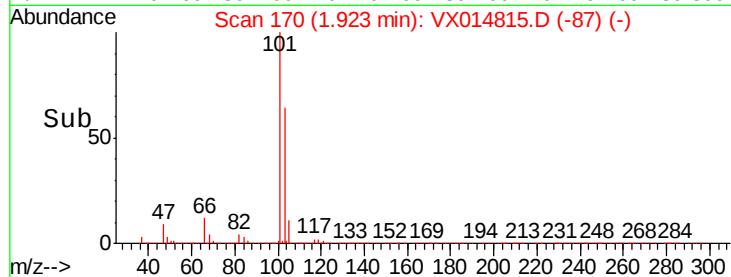
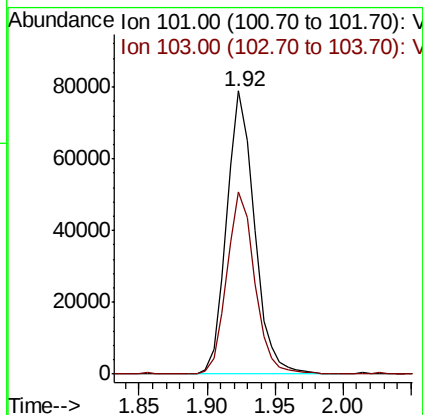
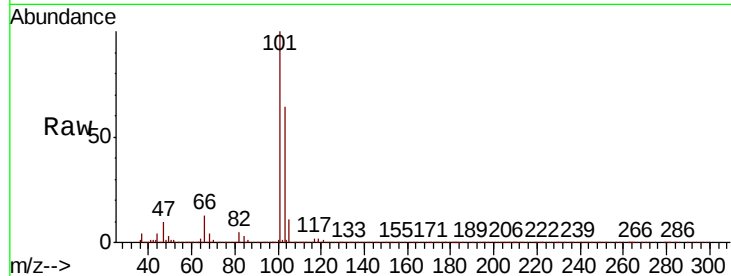


#7

Trichlorofluoromethane
Concen: 18.219 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014815.D
Acq: 05 Feb 2020 12:13

Instrument :
MSVOA_X
ClientSampleId :

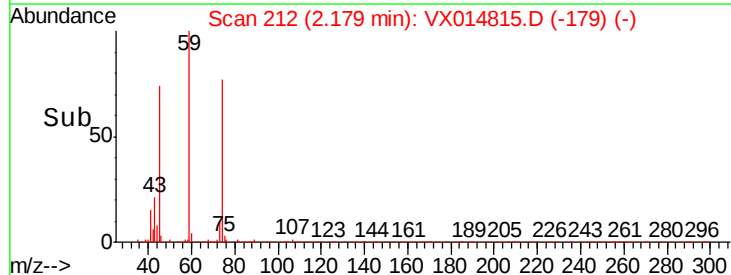
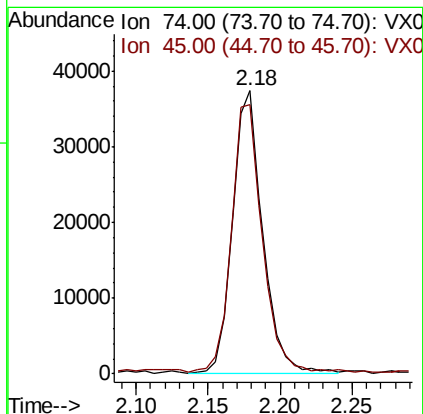
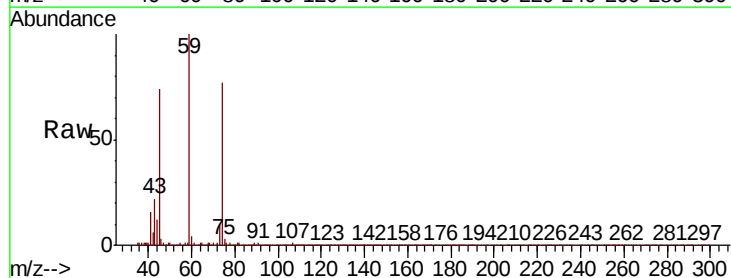
Tot Ion:101 Resp: 111719
Ion Ratio Lower Upper
101 100
103 64.1 51.6 77.4

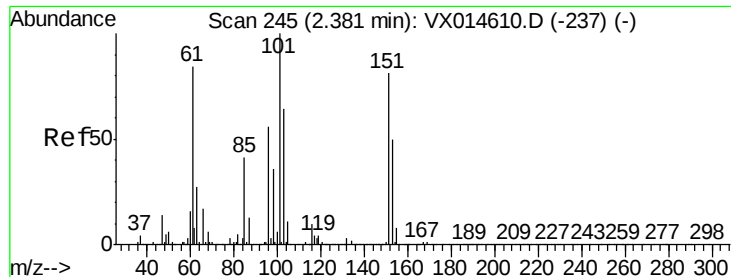


#8

Diethyl Ether
Concen: 20.159 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX014815.D
Acq: 05 Feb 2020 12:13

Tgt Ion: 74 Resp: 53996
Ion Ratio Lower Upper
74 100
45 97.3 20.6 185.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.649 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014815.D

Acq: 05 Feb 2020 12:13

Instrument :

MSVOA_X

ClientSampleId :

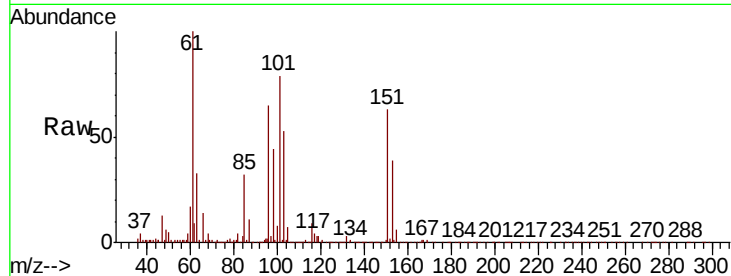
Tot Ion:101 Resp: 66908

Ion Ratio Lower Upper

101 100

85 41.1 0.0 85.6

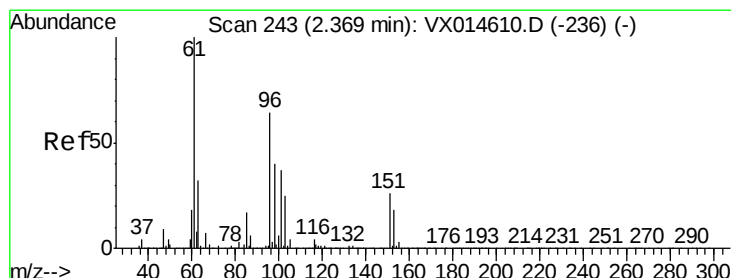
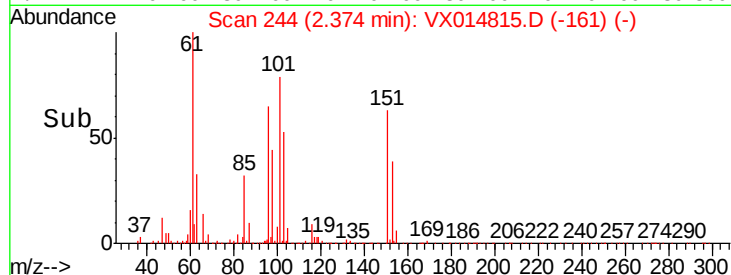
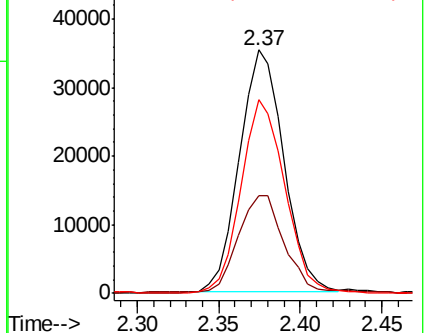
151 79.7 0.0 159.4



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: 18.139 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX014815.D

Acq: 05 Feb 2020 12:13

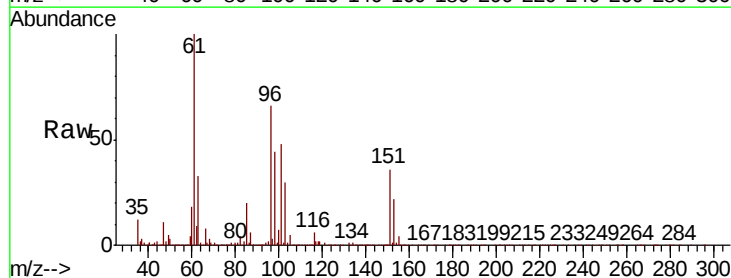
Tgt Ion: 96 Resp: 65457

Ion Ratio Lower Upper

96 100

61 151.2 123.0 184.6

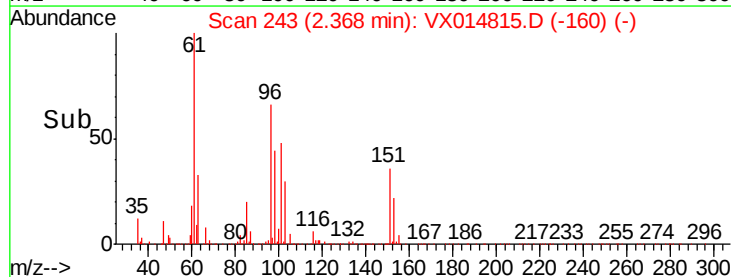
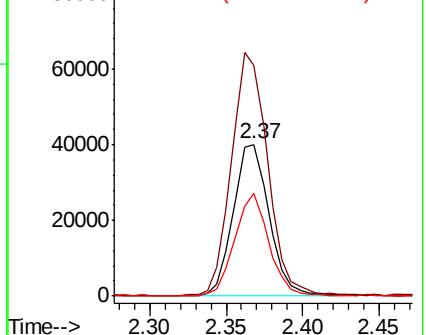
98 67.1 51.4 77.0

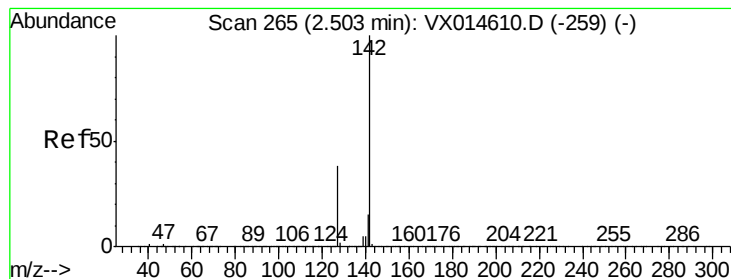


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#11

Methvl Iodide

Concen: 18.552 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX014815.D

Acq: 05 Feb 2020 12:13

Instrument :

MSVOA_X

ClientSampleId :

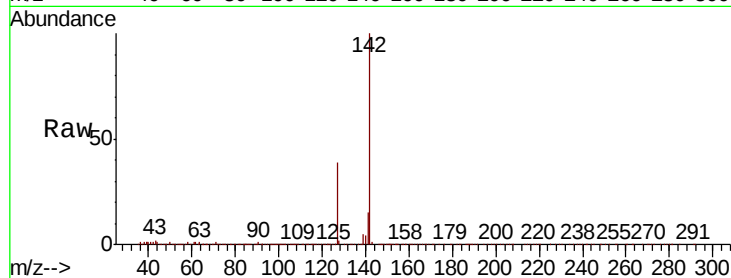
Tot Ion:142 Resp: 89785

Ion Ratio Lower Upper

142 100

127 38.5 19.5 58.5

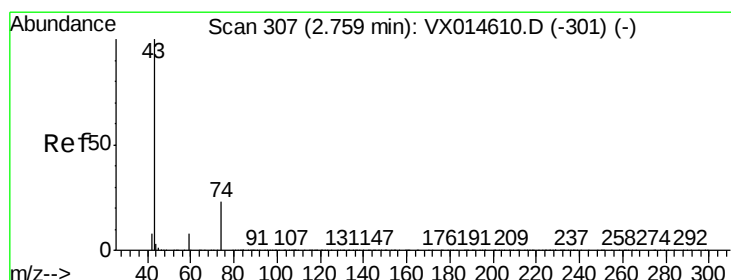
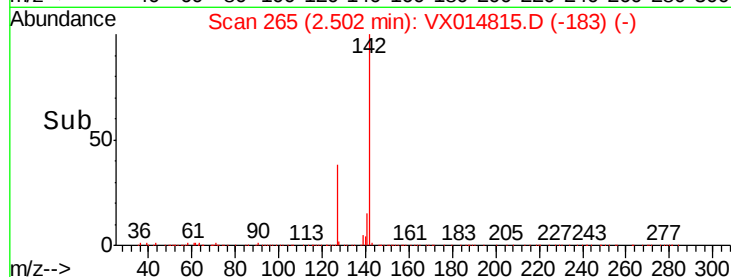
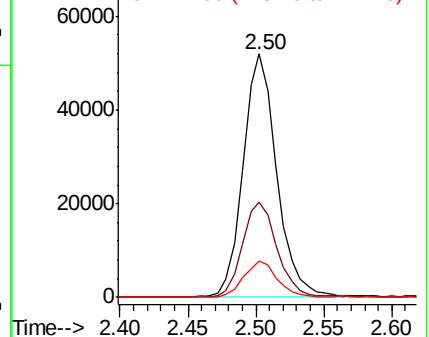
141 14.6 7.0 20.9



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



#12

Methyl Acetate

Concen: 20.307 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014815.D

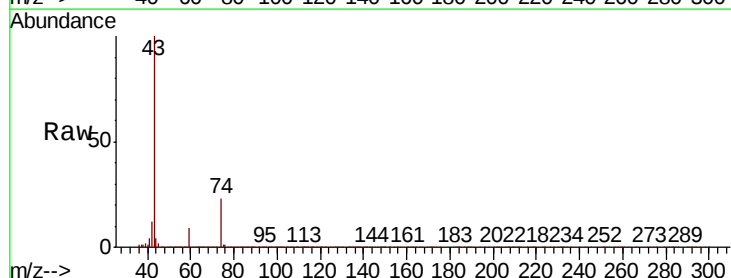
Acq: 05 Feb 2020 12:13

Tgt Ion: 43 Resp: 132382

Ion Ratio Lower Upper

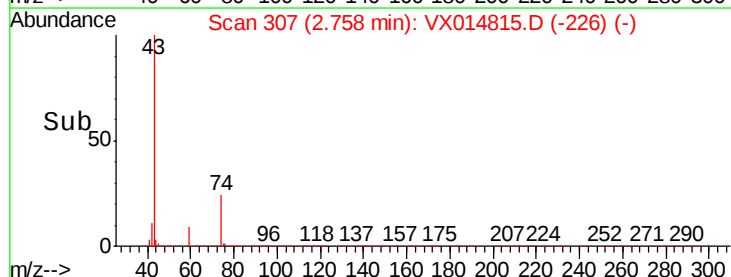
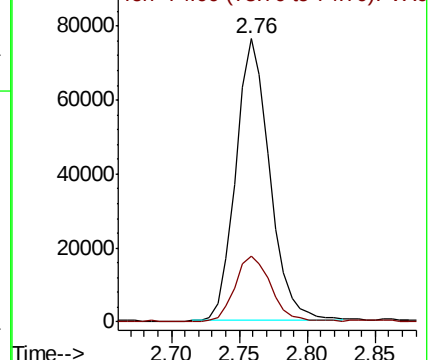
43 100

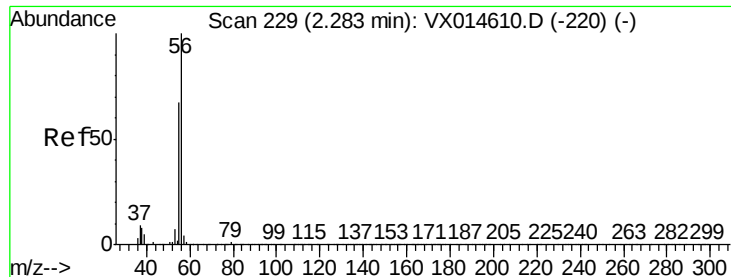
74 23.3 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#13

Acrolein

Concen: 90.711 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX014815.D

Acq: 05 Feb 2020 12:13

Instrument :

MSVOA_X

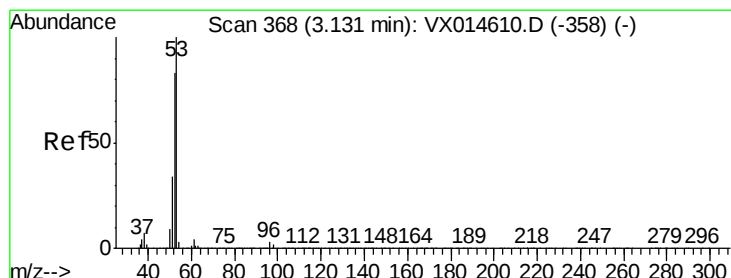
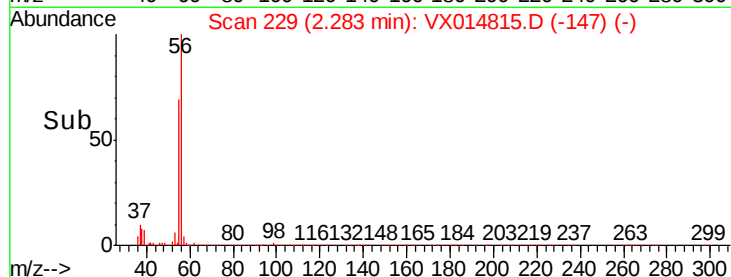
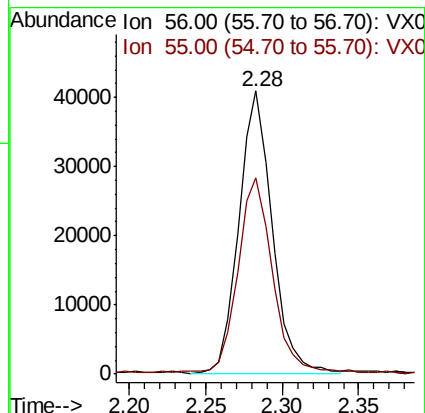
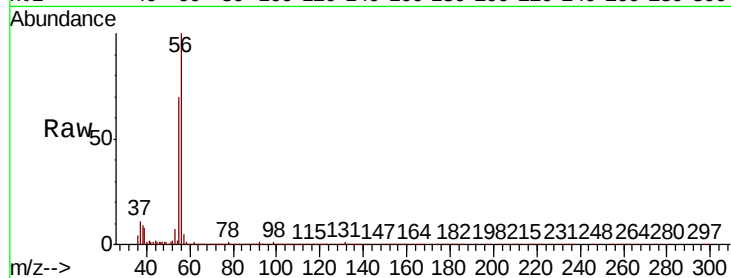
ClientSampleId :

Tot Ion: 56 Resp: 62113

Ion Ratio Lower Upper

56 100

55 70.0 54.9 82.3



#14

Acrylonitrile

Concen: 96.839 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014815.D

Acq: 05 Feb 2020 12:13

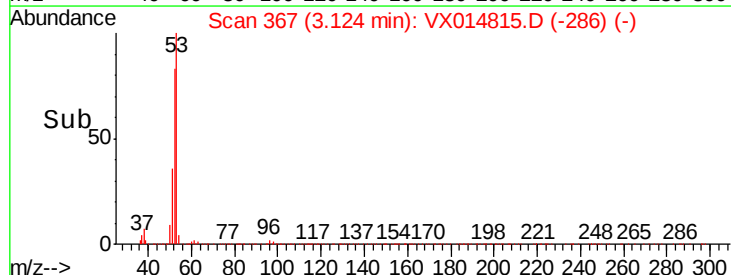
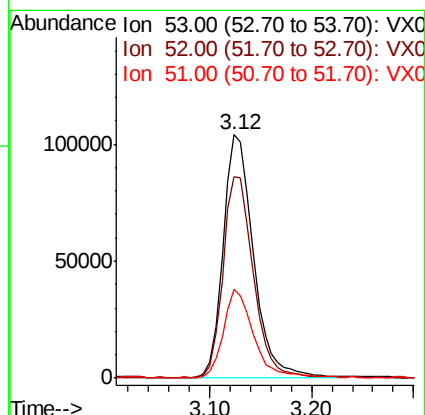
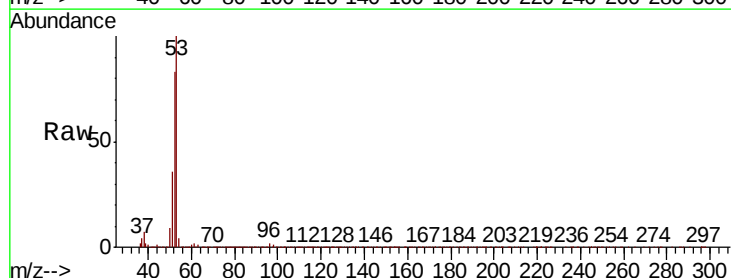
Tgt Ion: 53 Resp: 216009

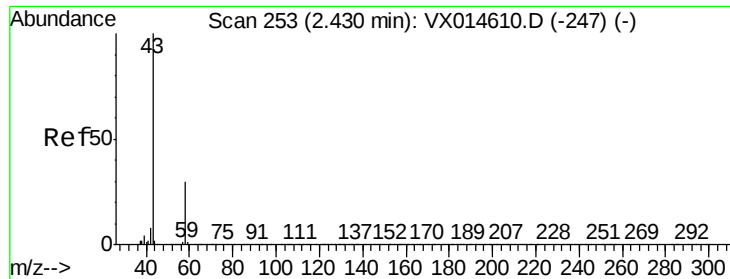
Ion Ratio Lower Upper

53 100

52 82.4 41.5 124.6

51 36.0 17.8 53.5

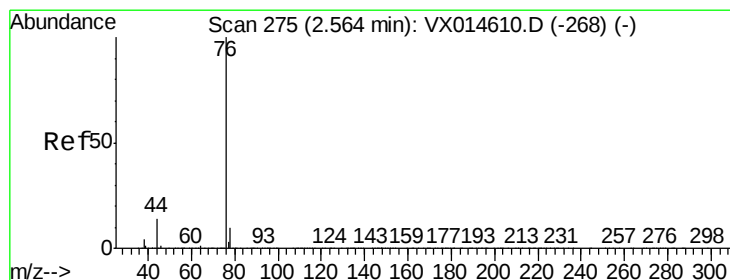
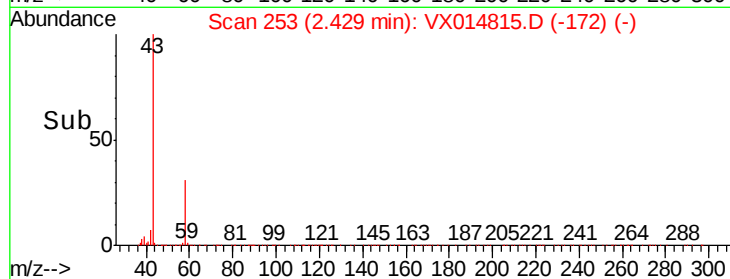
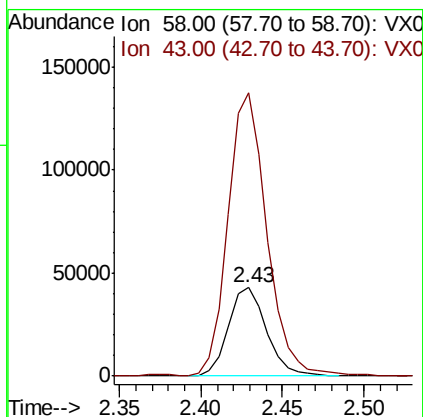
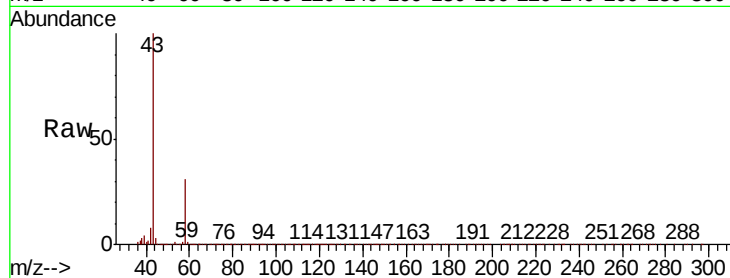




#15
Acetone
Concen: 92.444 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.01 min
Lab File: VX014815.D
Acq: 05 Feb 2020 12:13

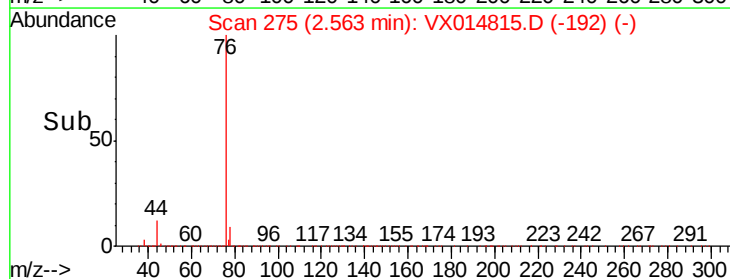
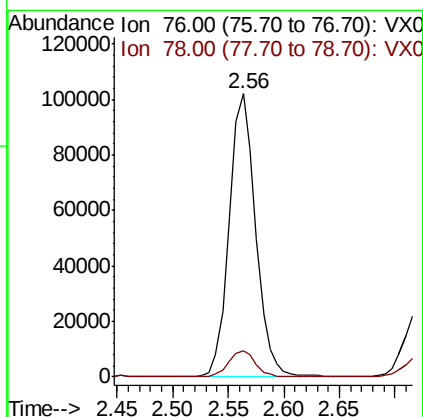
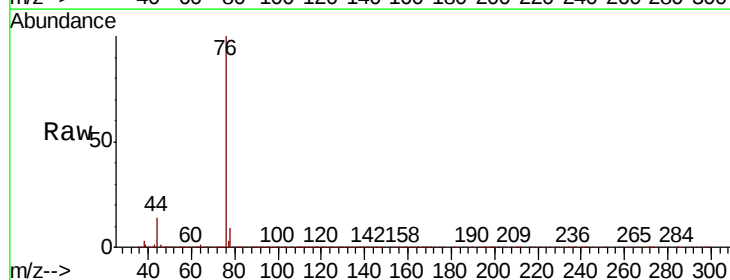
Instrument :
MSVOA_X
ClientSampleId :

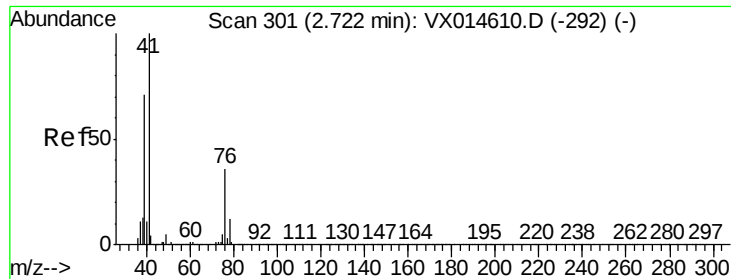
Tot Ion: 58 Resp: 69130
Ion Ratio Lower Upper
58 100
43 321.9 236.3 354.5



#16
Carbon Disulfide
Concen: 16.852 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX014815.D
Acq: 05 Feb 2020 12:13

Tgt Ion: 76 Resp: 167020
Ion Ratio Lower Upper
76 100
78 9.1 7.8 11.8

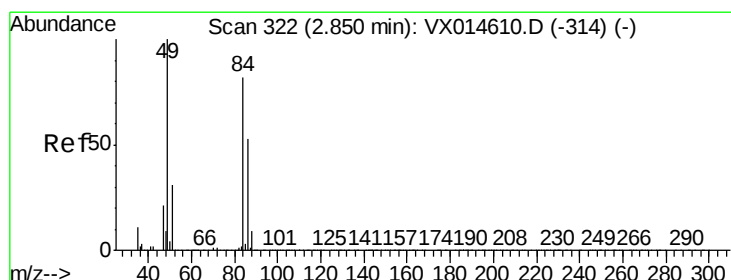
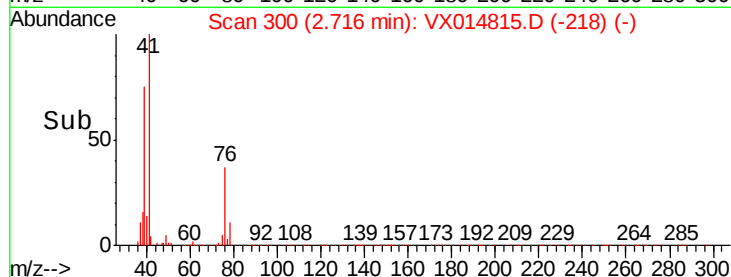
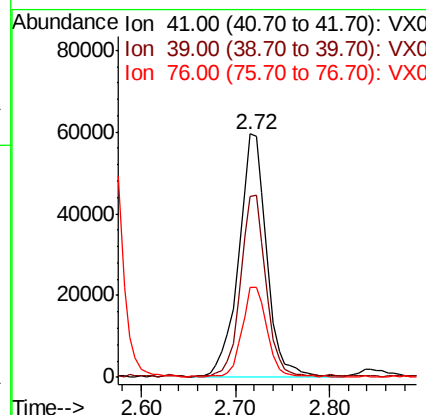
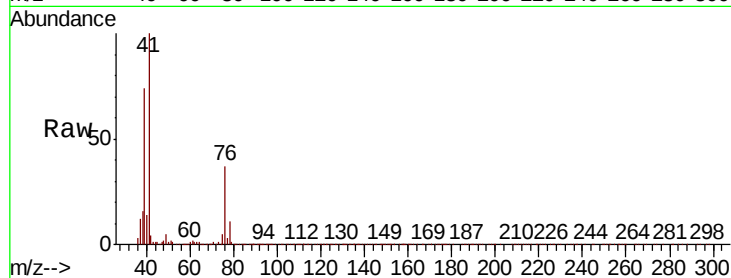




#17
Allvl chloride
Concen: 18.458 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.00 min
Lab File: VX014815.D
Acq: 05 Feb 2020 12:13

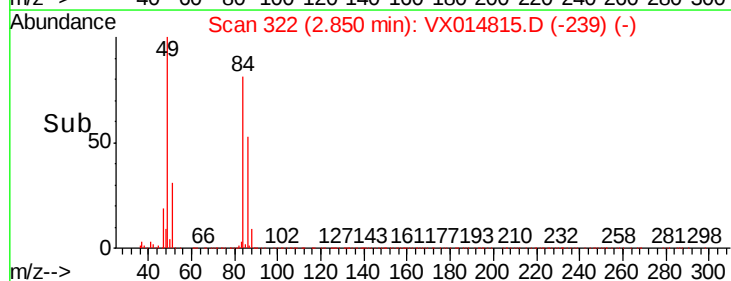
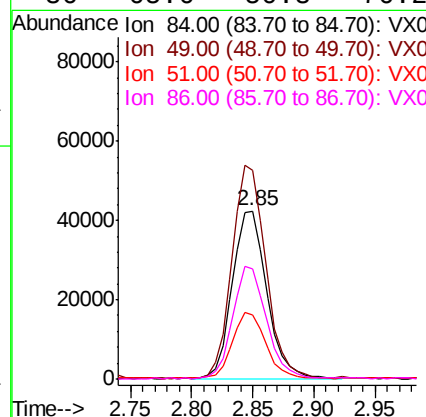
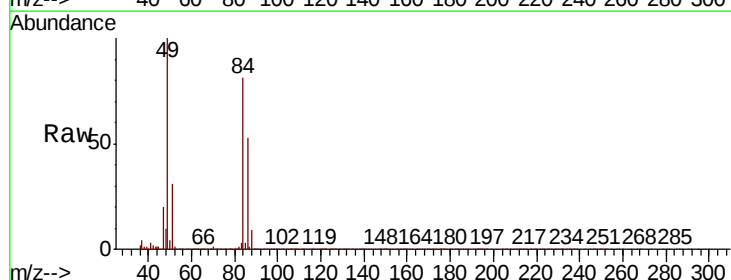
Instrument :
MSVOA_X
ClientSampleId :

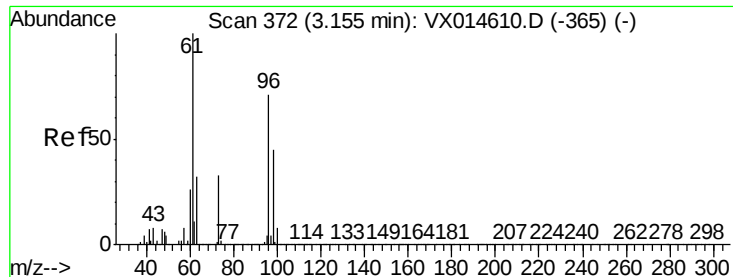
Tot Ion	Ratio	Lower	Upper
41	100		
39	74.2	33.4	100.2
76	36.4	17.0	50.9



#18
Methylene Chloride
Concen: 19.554 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX014815.D
Acq: 05 Feb 2020 12:13

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.1	102.2	153.2
51	37.0	31.4	47.0
86	65.6	50.8	76.2

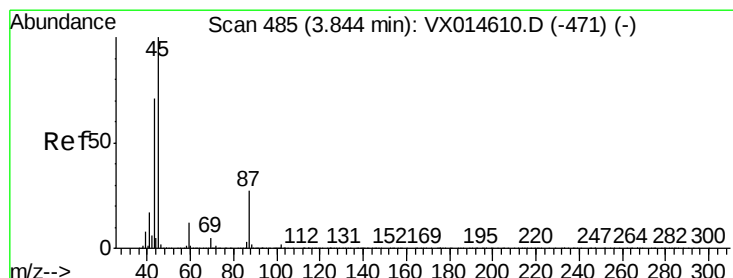
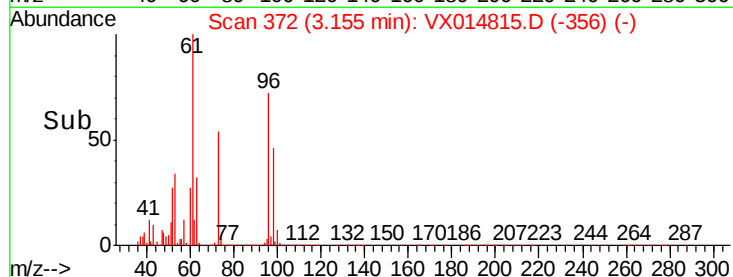
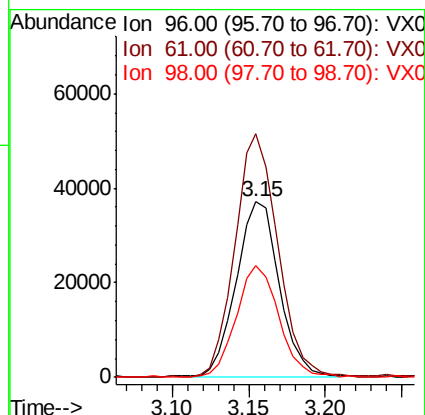
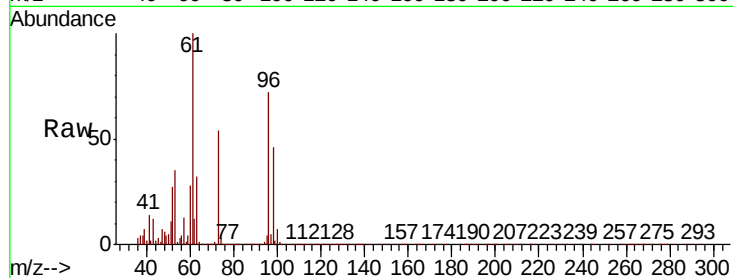




#19
trans-1,2-Dichloroethene
Concen: 18.647 ug/l
RT: 3.15 min Scan# 372
Delta R.T. -0.00 min
Lab File: VX014815.D
Acq: 05 Feb 2020 12:13

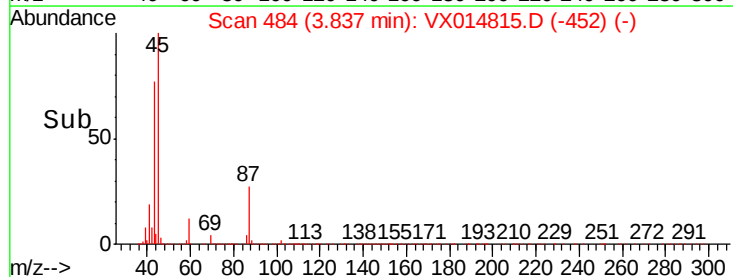
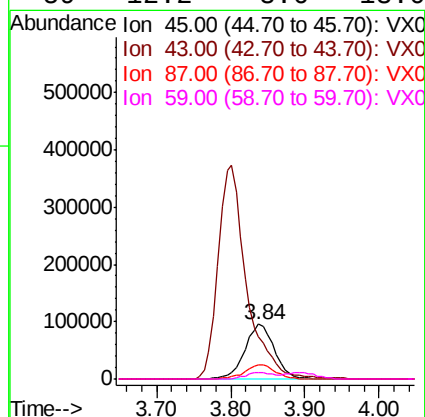
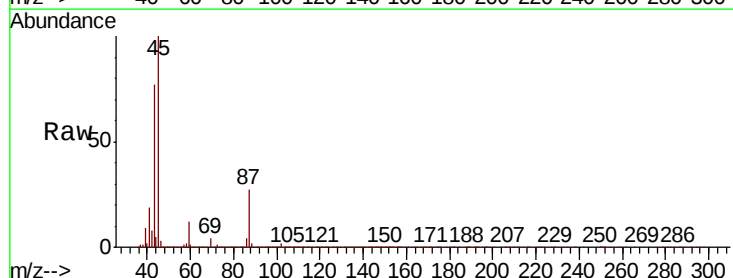
Instrument :
MSVOA_X
ClientSampleId :

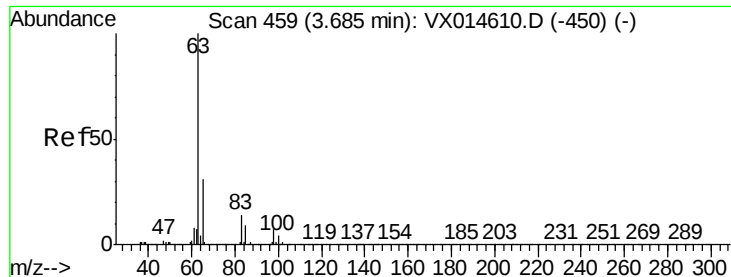
Tot Ion: 96 Resp: 72438
Ion Ratio Lower Upper
96 100
61 139.0 106.6 159.8
98 64.4 51.6 77.4



#20
Diisopropyl ether
Concen: 19.928 ug/l
RT: 3.84 min Scan# 484
Delta R.T. -0.01 min
Lab File: VX014815.D
Acq: 05 Feb 2020 12:13

Tgt Ion: 45 Resp: 263322
Ion Ratio Lower Upper
45 100
43 76.6 55.9 83.9
87 26.9 22.2 33.2
59 12.2 8.6 13.0





#21

1,1-Dichloroethane

Concen: 19.303 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX014815.D

Acq: 05 Feb 2020 12:13

Instrument :

MSVOA_X

ClientSampleId :

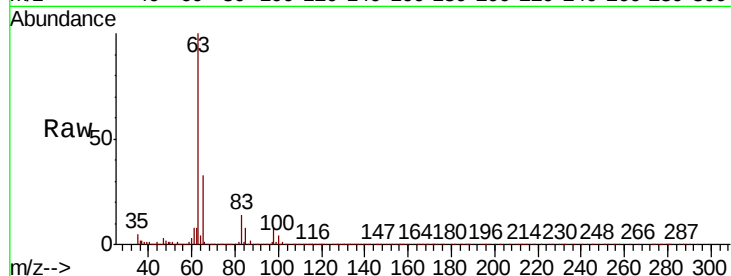
Tot Ion: 63 Resp: 138567

Ion Ratio Lower Upper

63 100

98 7.7 3.4 10.1

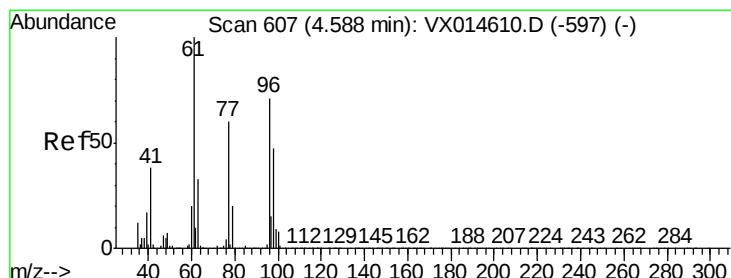
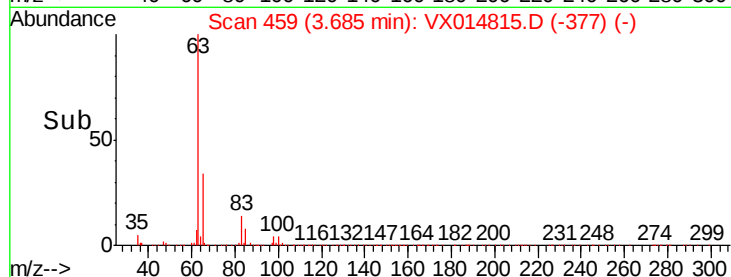
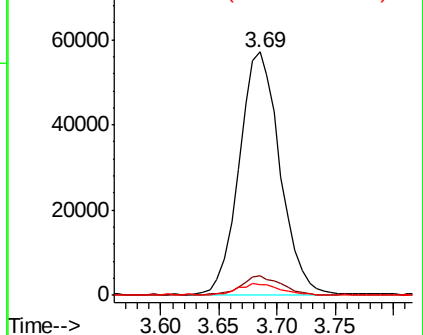
100 4.1 2.5 7.4



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: 19.403 ug/l

RT: 4.59 min Scan# 607

Delta R.T. -0.00 min

Lab File: VX014815.D

Acq: 05 Feb 2020 12:13

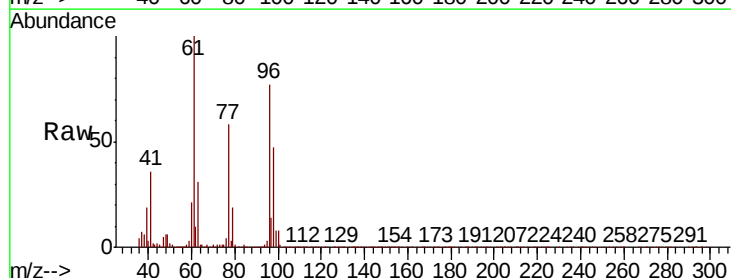
Tgt Ion: 96 Resp: 86615

Ion Ratio Lower Upper

96 100

61 144.9 112.4 168.6

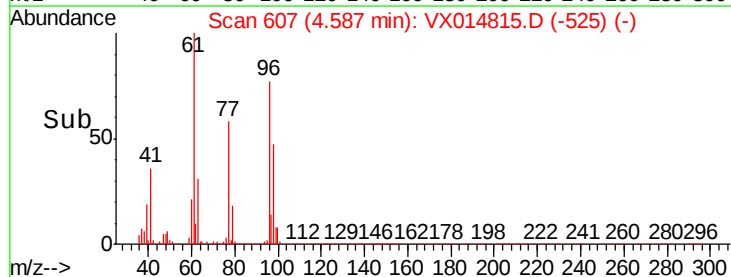
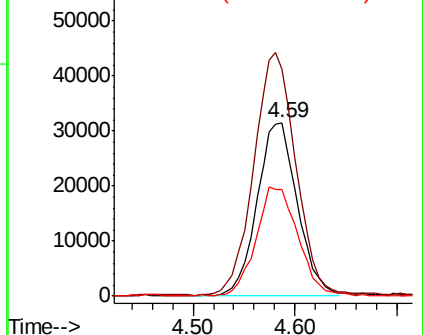
98 64.5 50.3 75.5

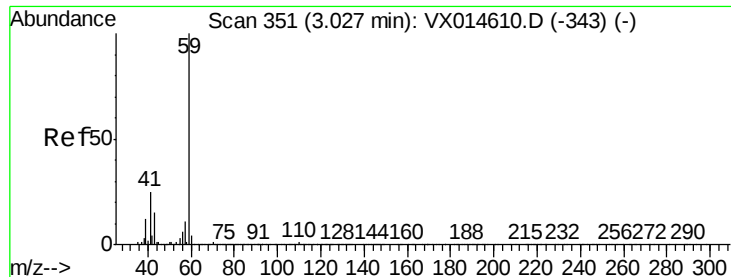


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#23

tert-Butyl Alcohol

Concen: 95.888 ug/l

RT: 3.02 min Scan# 350

Delta R.T. -0.02 min

Lab File: VX014815.D

Acq: 05 Feb 2020 12:13

Instrument :

MSVOA_X

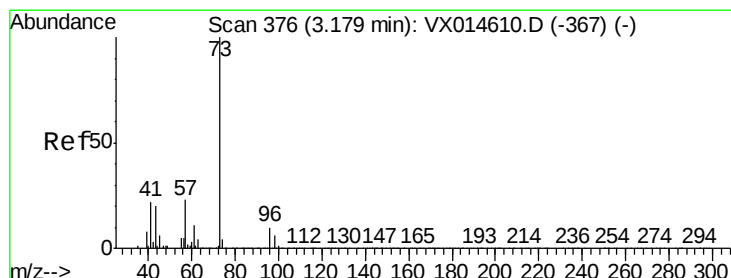
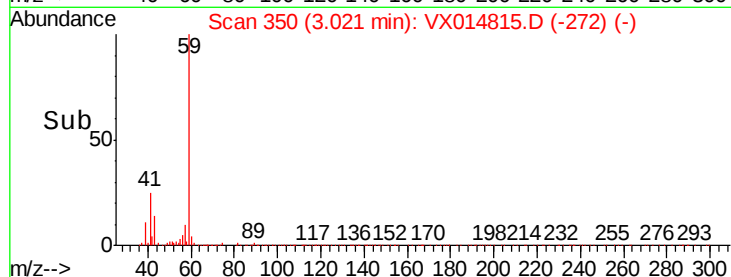
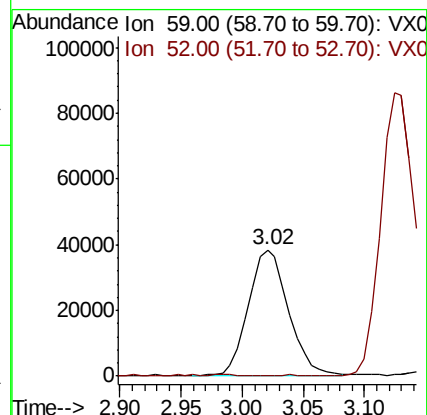
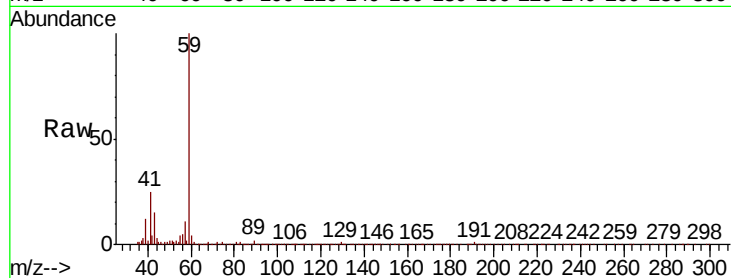
ClientSampleId :

Tot Ion: 59 Resp: 88456

Ion Ratio Lower Upper

59 100

52 0.1 0.2 0.2#



#24

Methyl tert-Butyl Ether

Concen: 20.444 ug/l

RT: 3.18 min Scan# 376

Delta R.T. -0.01 min

Lab File: VX014815.D

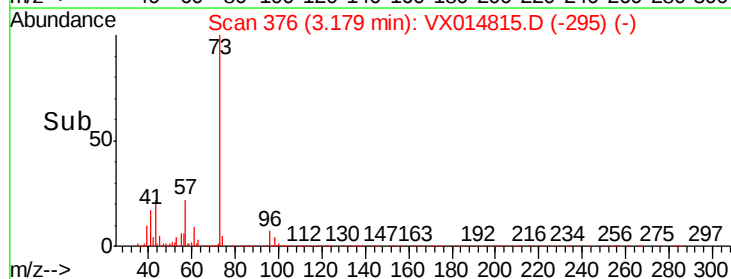
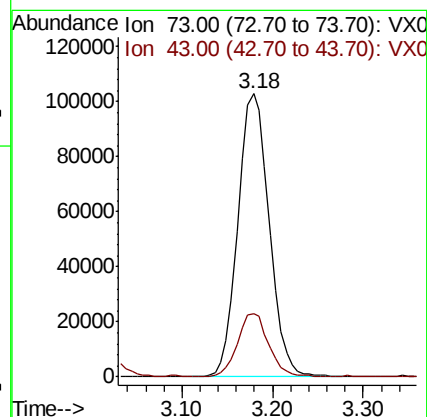
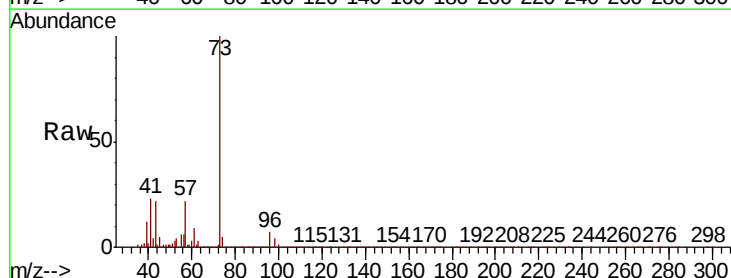
Acq: 05 Feb 2020 12:13

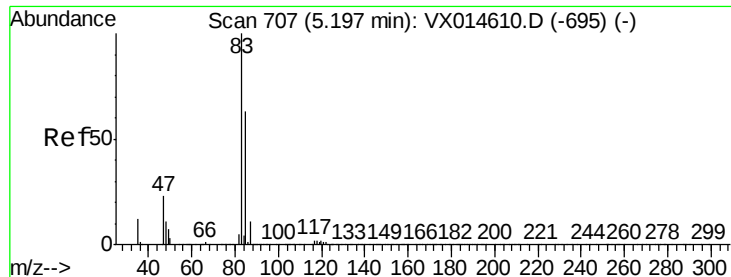
Tgt Ion: 73 Resp: 245529

Ion Ratio Lower Upper

73 100

43 21.3 16.6 25.0





#25

Chloroform

Concen: 20.308 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX014815.D

Acq: 05 Feb 2020 12:13

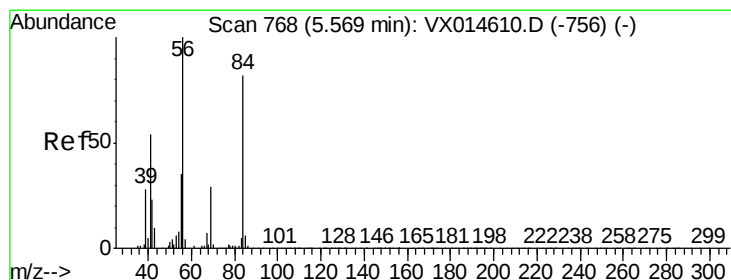
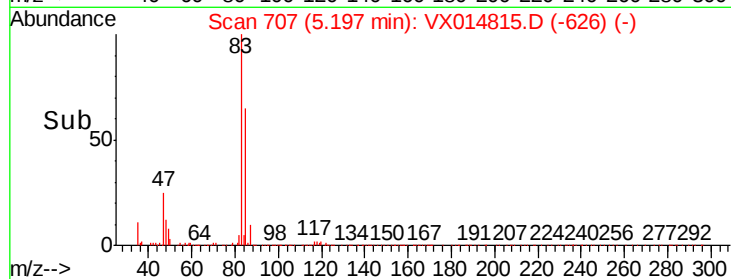
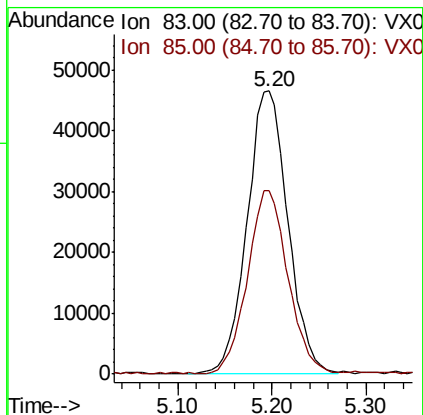
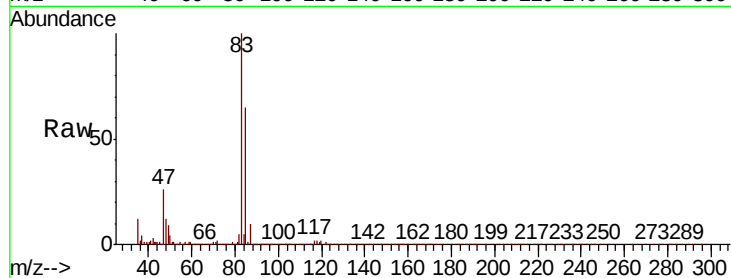
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 141212

Ion Ratio Lower Upper

83 100

85 64.5 52.7 79.1



#26

Cyclohexane

Concen: 17.212 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX014815.D

Acq: 05 Feb 2020 12:13

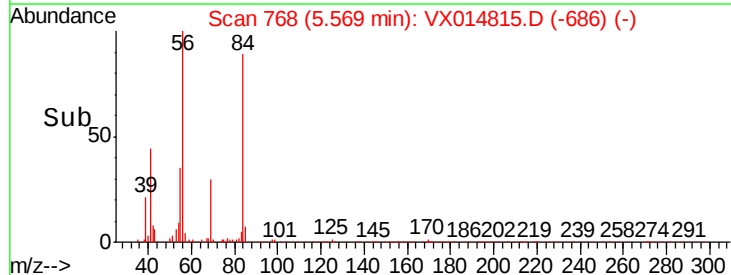
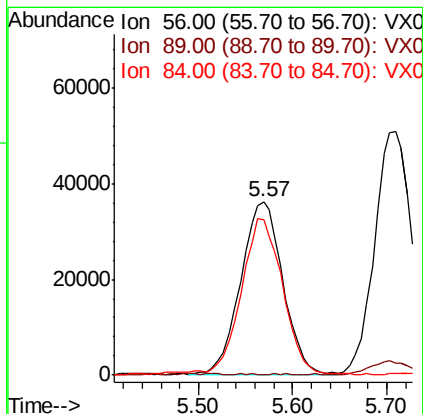
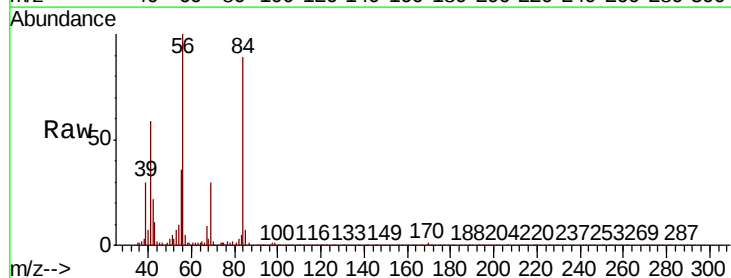
Tgt Ion: 56 Resp: 113969

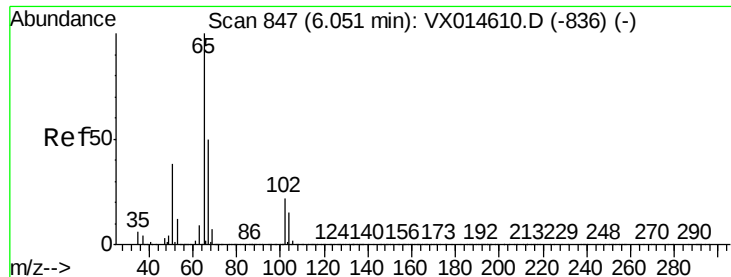
Ion Ratio Lower Upper

56 100

89 0.1 0.1 0.1#

84 86.5 70.8 106.2





#27

1,2-Dichloroethane-d4

Concen: 31.765 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX014815.D

Acq: 05 Feb 2020 12:13

Instrument :

MSVOA_X

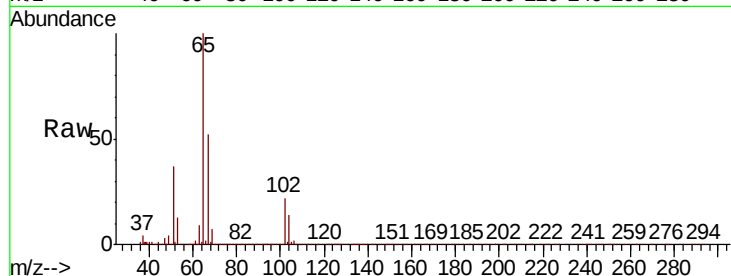
ClientSampleId :

Tot Ion: 65 Resp: 145545

Ion Ratio Lower Upper

65 100

67 51.8 43.1 64.7



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

6.05

60000

50000

40000

30000

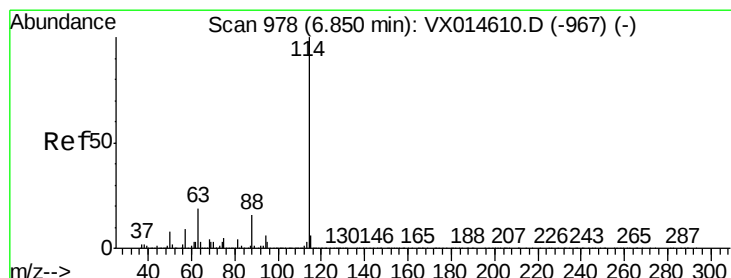
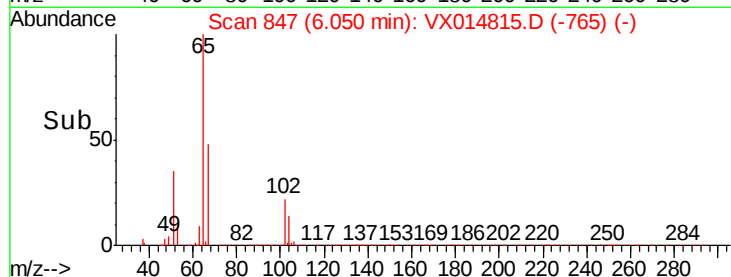
20000

10000

0

5.95 6.00 6.05 6.10 6.15

Time-->



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX014815.D

Acq: 05 Feb 2020 12:13

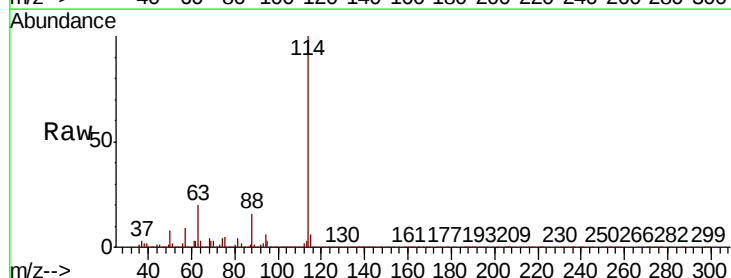
Tgt Ion: 114 Resp: 344160

Ion Ratio Lower Upper

114 100

63 20.6 16.1 24.1

88 15.3 12.5 18.7



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

200000

150000

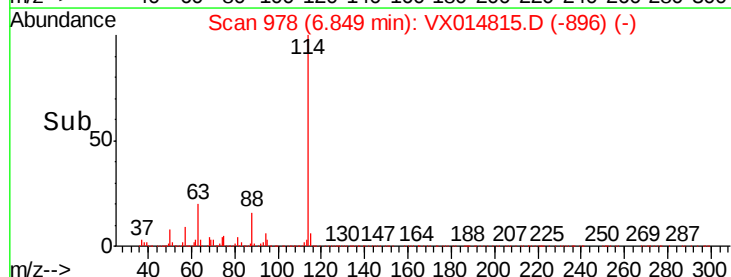
100000

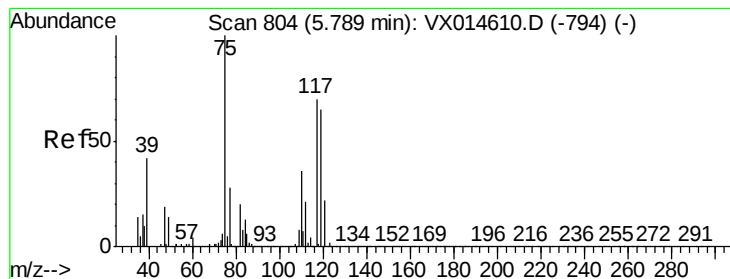
50000

0

6.70 6.80 6.90 7.00

Time-->





#29

1,1-Dichloropropene

Concen: 18.802 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX014815.D

Acq: 05 Feb 2020 12:13

Instrument :

MSVOA_X

ClientSampleId :

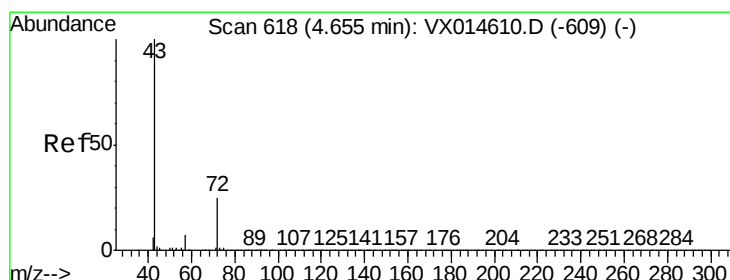
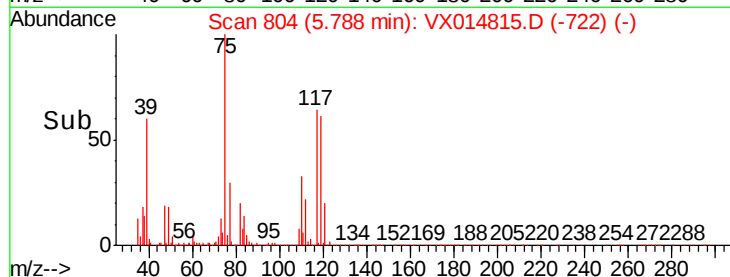
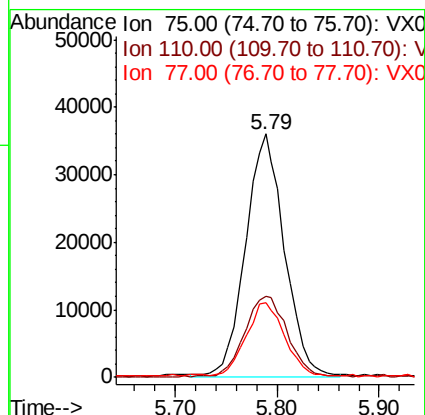
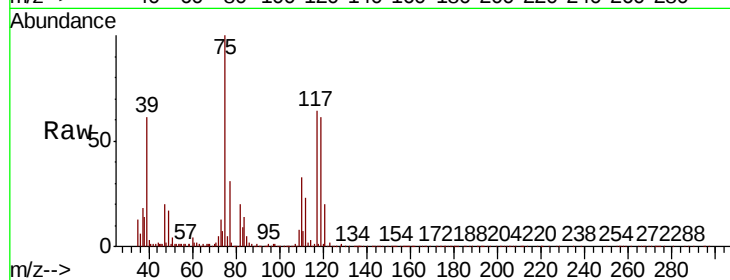
Tot Ion: 75 Resp: 94901

Ion Ratio Lower Upper

75 100

110 36.5 0.0 73.8

77 30.2 0.0 62.4



#30

2-Butanone

Concen: 98.440 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX014815.D

Acq: 05 Feb 2020 12:13

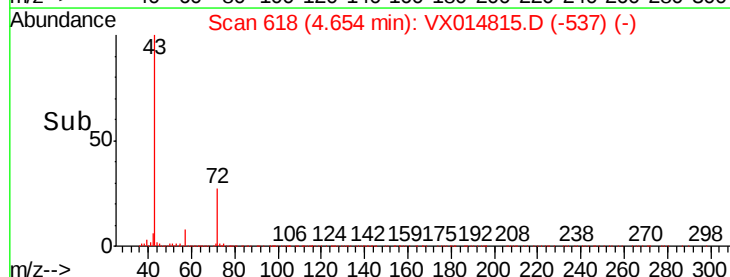
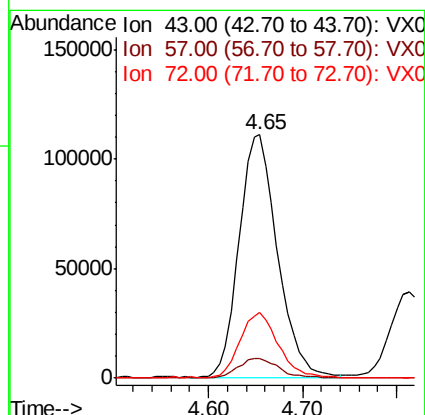
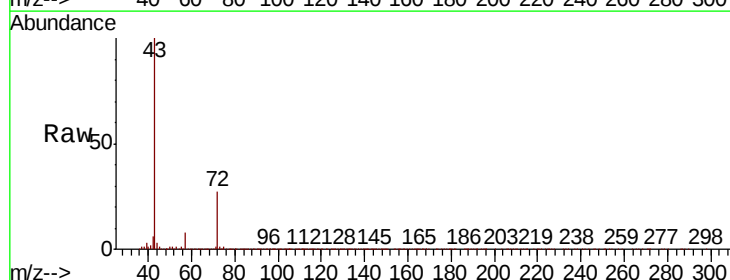
Tgt Ion: 43 Resp: 314745

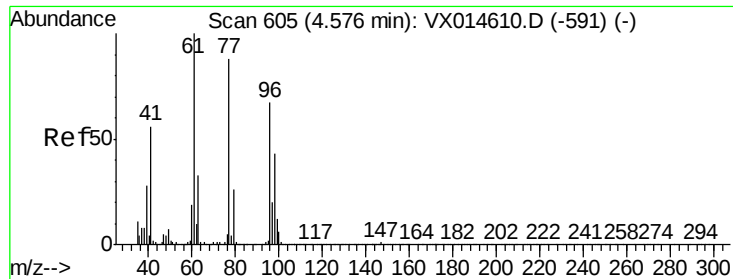
Ion Ratio Lower Upper

43 100

57 8.2 6.2 9.2

72 26.0 20.3 30.5





#31

2,2-Dichloropropane

Concen: 19.704 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX014815.D

Acq: 05 Feb 2020 12:13

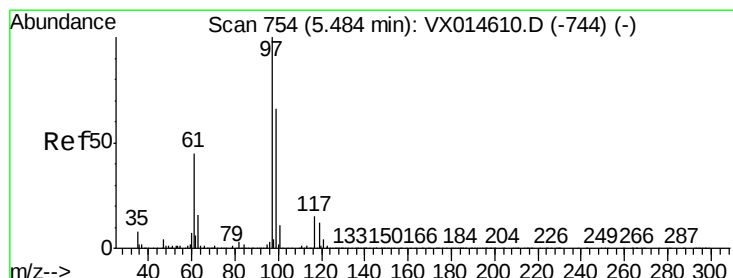
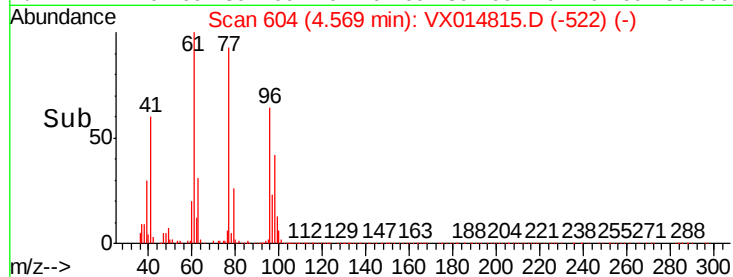
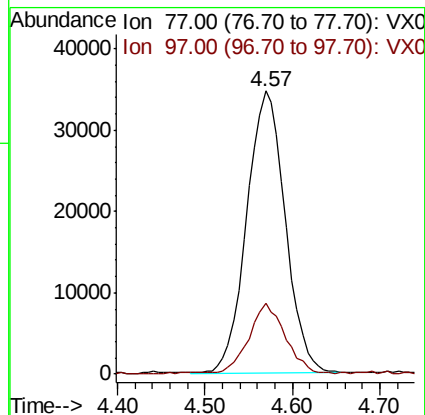
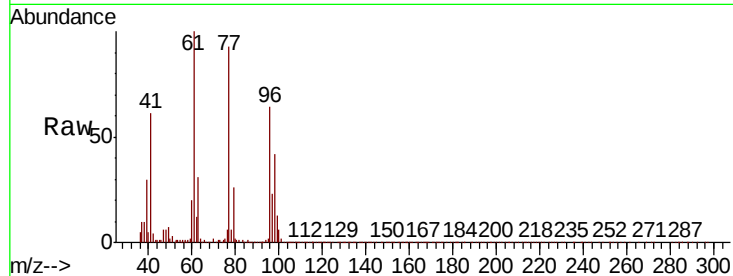
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 77 Resp: 106415

Ion Ratio Lower Upper

77 100

97 23.3 19.7 29.5



#32

1,1,1-Trichloroethane

Concen: 19.707 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX014815.D

Acq: 05 Feb 2020 12:13

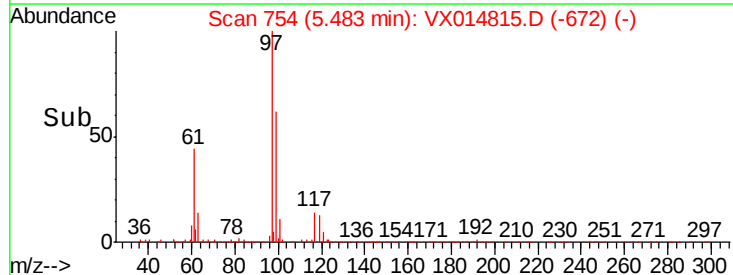
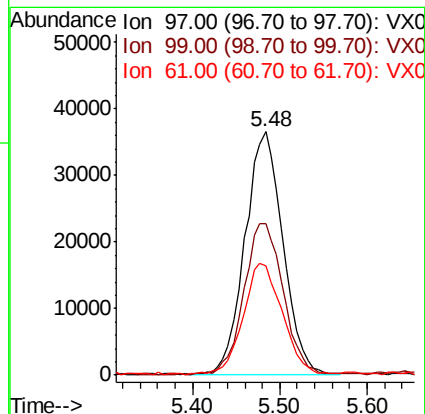
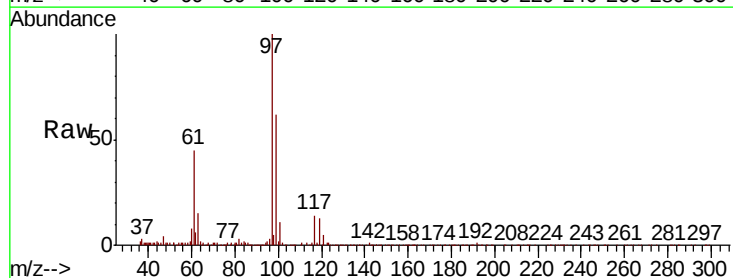
Tgt Ion: 97 Resp: 110047

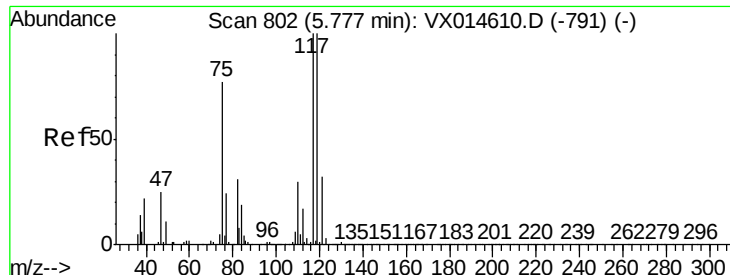
Ion Ratio Lower Upper

97 100

99 64.4 51.9 77.9

61 46.4 36.8 55.2





#33

Carbon Tetrachloride

Concen: 19.619 ug/l

RT: 5.77 min Scan# 801

Delta R.T. -0.01 min

Lab File: VX014815.D

Acq: 05 Feb 2020 12:13

Instrument :

MSVOA_X

ClientSampleId :

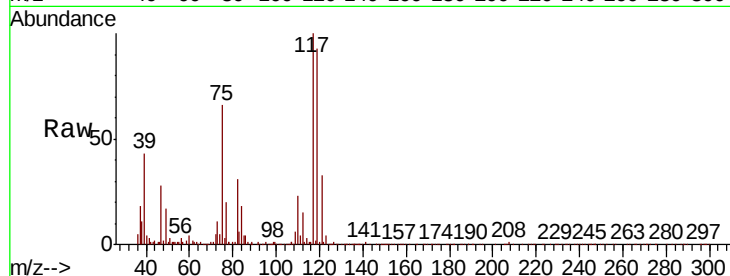
Tot Ion:117 Resp: 94053

Ion Ratio Lower Upper

117 100

119 92.2 77.2 115.8

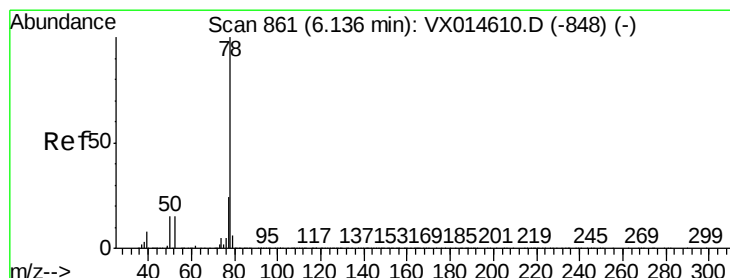
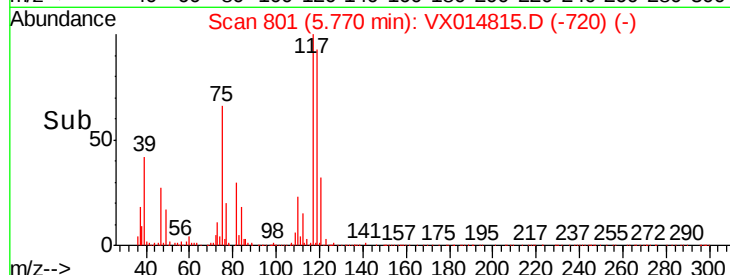
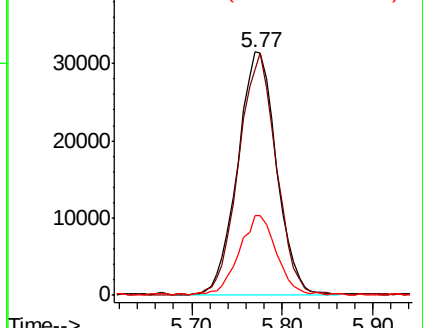
121 32.5 24.8 37.2



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: 19.989 ug/l

RT: 6.13 min Scan# 860

Delta R.T. -0.00 min

Lab File: VX014815.D

Acq: 05 Feb 2020 12:13

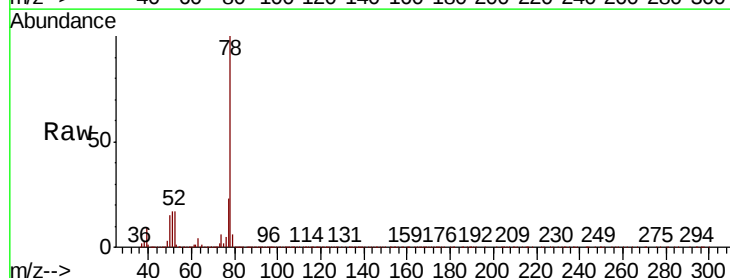
Tgt Ion: 78 Resp: 311769

Ion Ratio Lower Upper

78 100

77 23.4 18.2 27.2

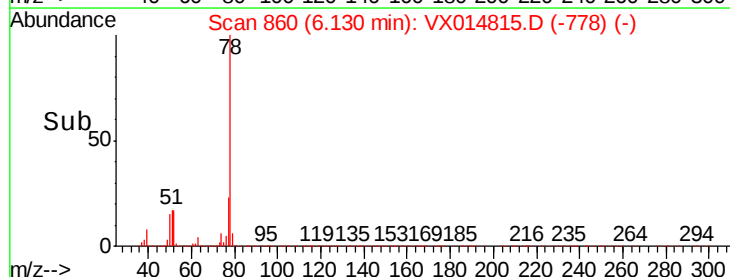
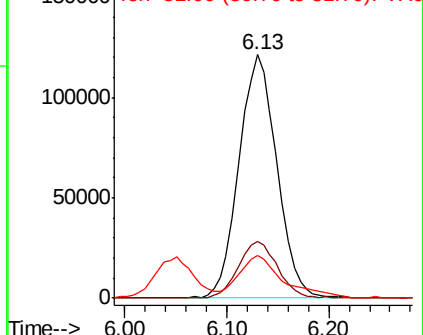
51 16.4 12.4 18.6

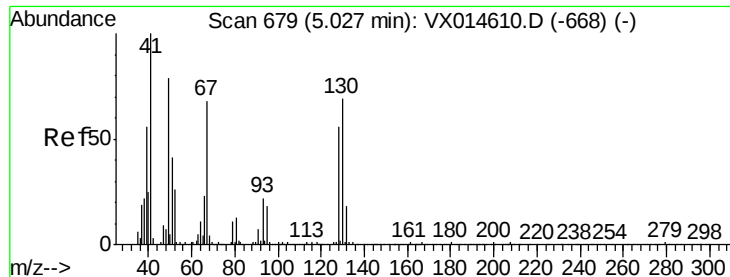


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

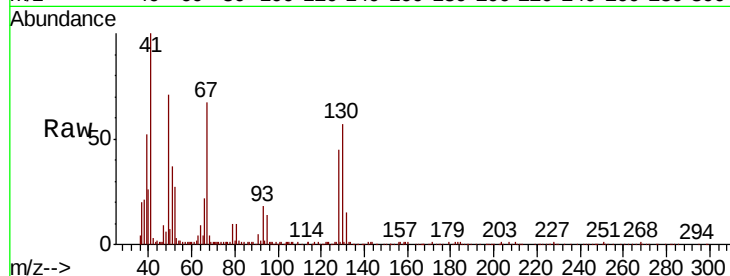




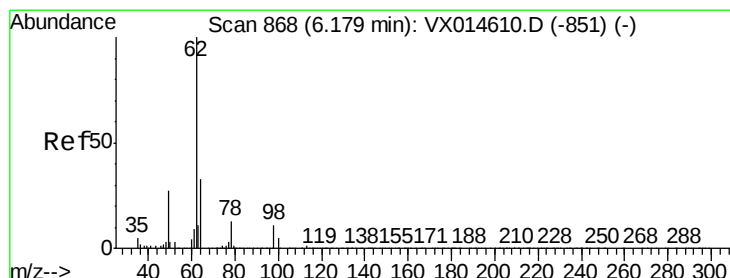
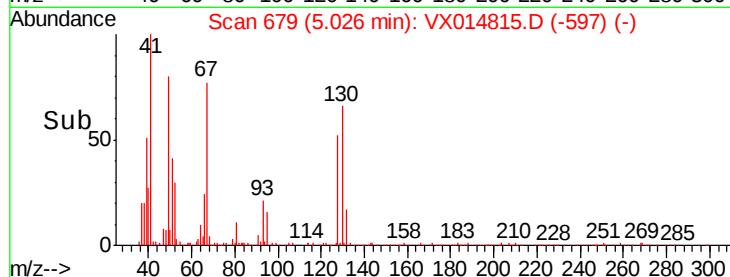
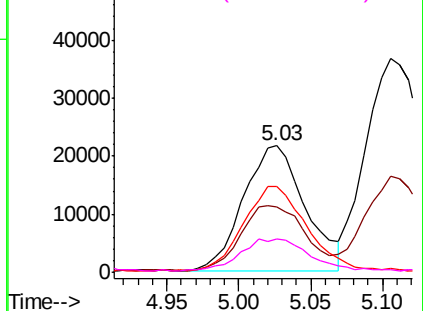
#35
Methacrylonitrile
Concen: 20.085 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.00 min
Lab File: VX014815.D
Acq: 05 Feb 2020 12:13

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	64137
Ion	Ratio	Lower	Upper
41	100		
39	50.9	26.7	80.1
67	67.0	31.5	94.5
52	24.5	12.8	38.4

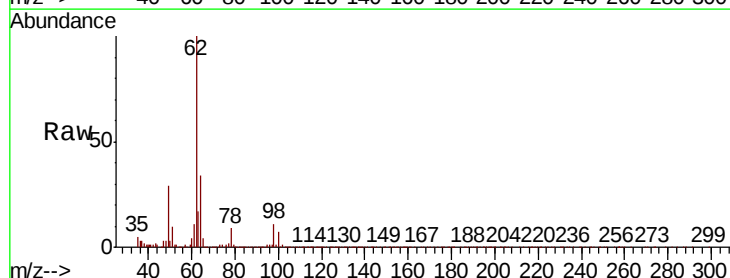


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

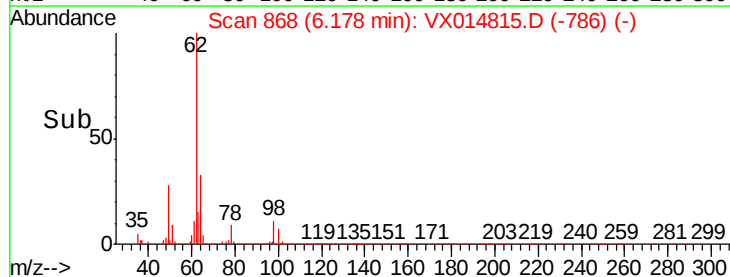
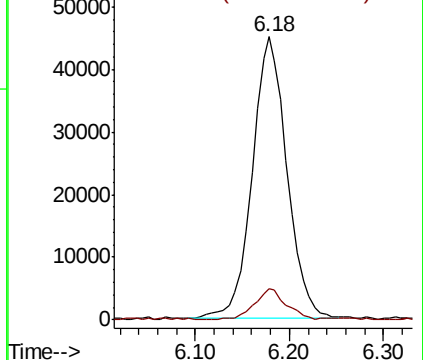


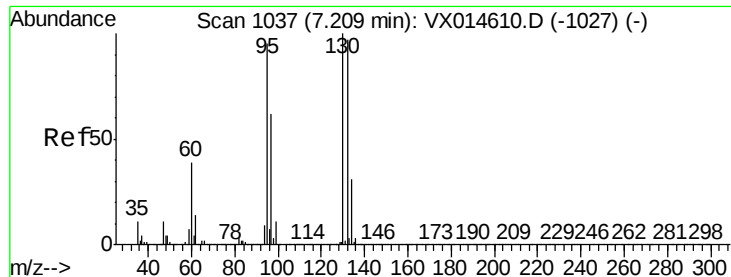
#36
1,2-Dichloroethane
Concen: 21.405 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX014815.D
Acq: 05 Feb 2020 12:13

Tgt Ion:	62	Resp:	116179
Ion	Ratio	Lower	Upper
62	100		
98	9.7	8.4	12.6



Abundance Ion 62.00 (61.70 to 62.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

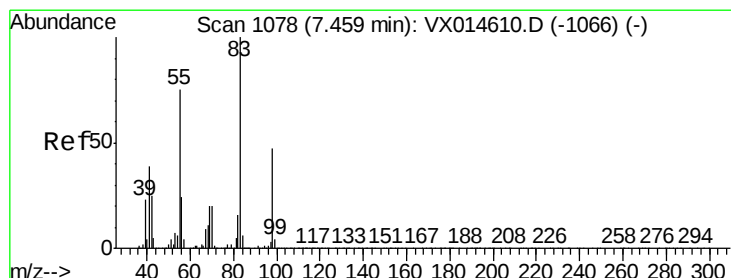
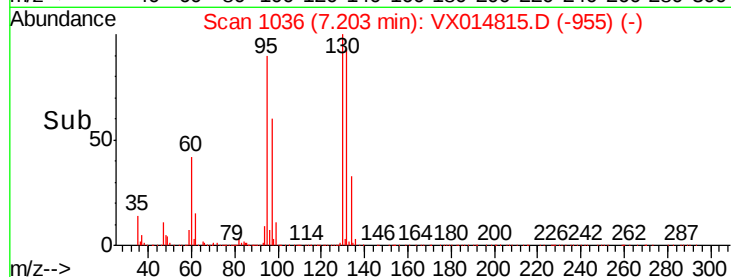
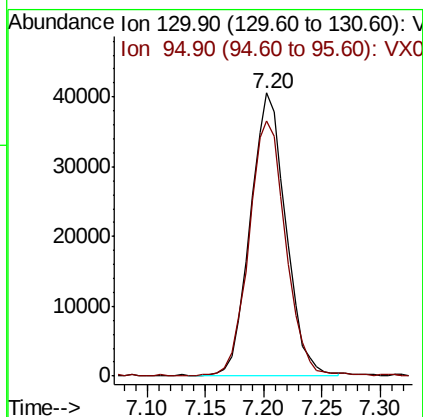
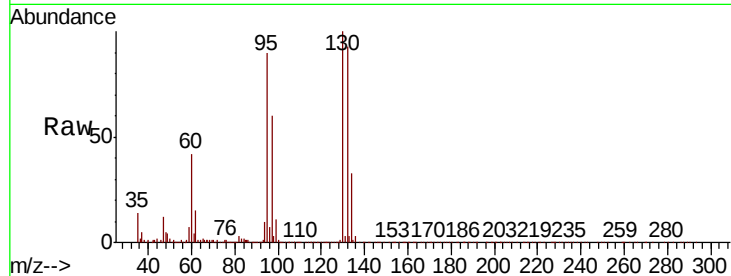




#37
 Trichloroethene
 Concen: 20.056 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014815.D
 Acq: 05 Feb 2020 12:13

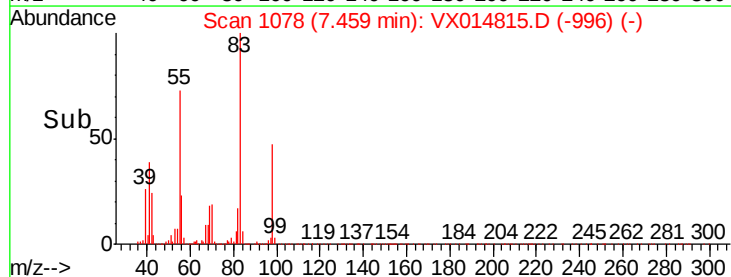
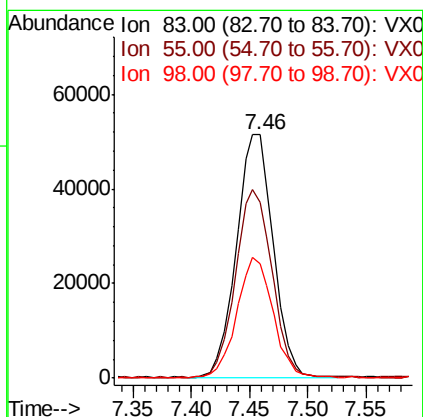
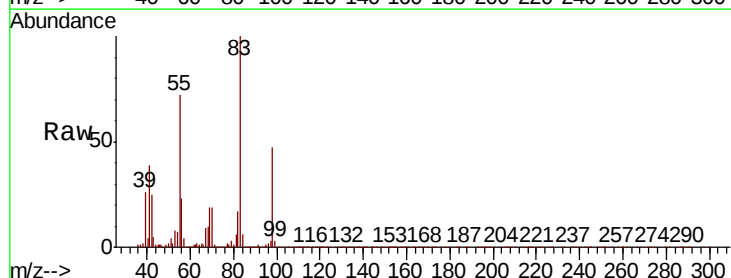
Instrument :
 MSVOA_X
 ClientSampled :

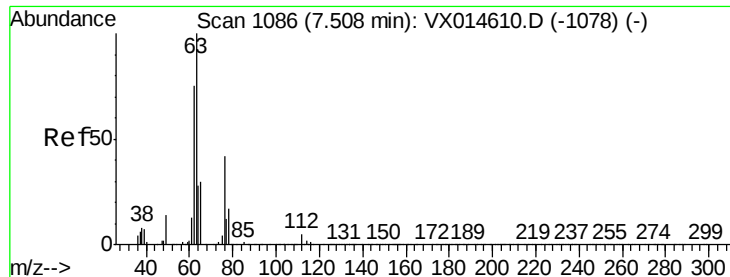
Tot Ion:130 Resp: 85651
 Ion Ratio Lower Upper
 130 100
 95 90.1 71.7 107.5



#38
 Methylcyclohexane
 Concen: 18.142 ug/l
 RT: 7.46 min Scan# 1078
 Delta R.T. -0.00 min
 Lab File: VX014815.D
 Acq: 05 Feb 2020 12:13

Tgt Ion: 83 Resp: 114009
 Ion Ratio Lower Upper
 83 100
 55 76.7 39.4 118.1
 98 48.5 25.1 75.3

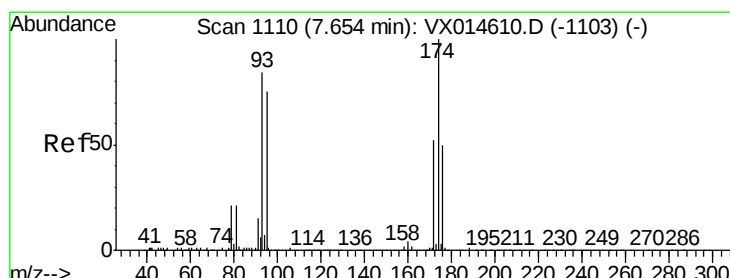
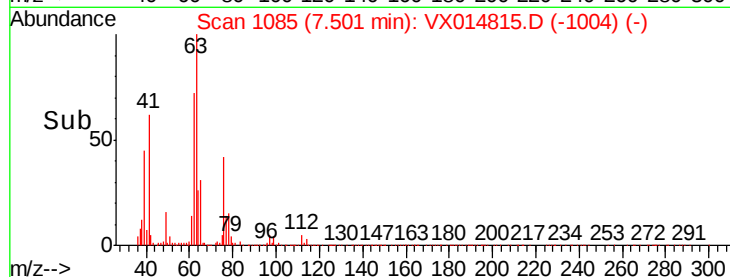
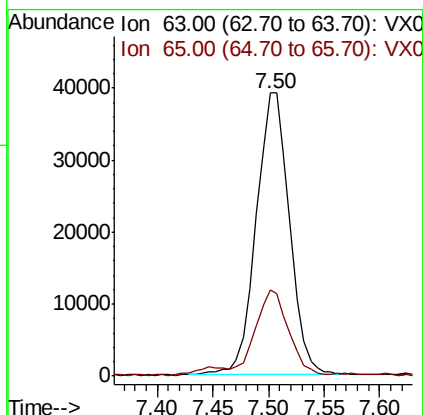
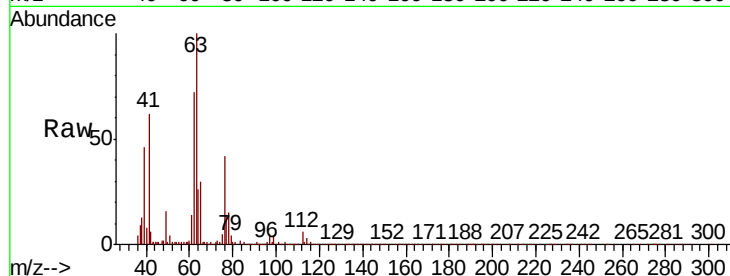




#39
 1,2-Dichloropropane
 Concen: 20.030 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014815.D
 Acq: 05 Feb 2020 12:13

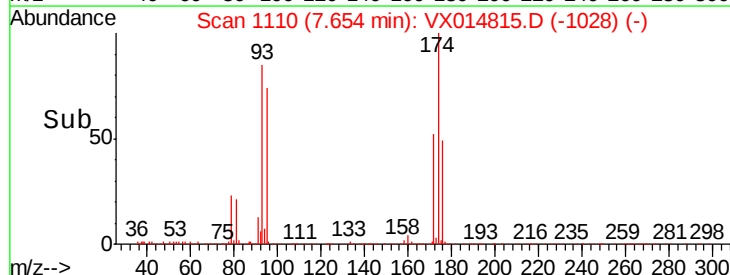
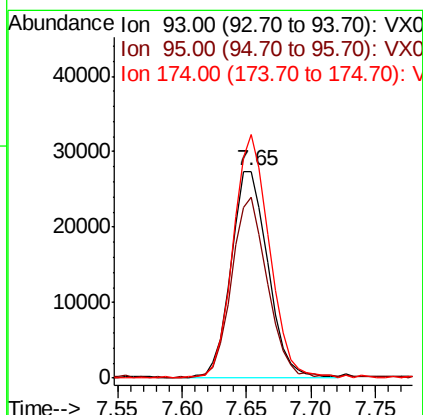
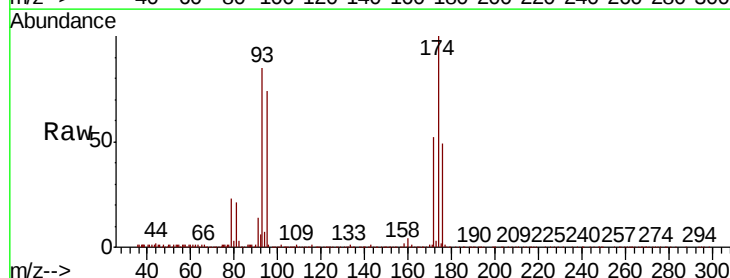
Instrument :
 MSVOA_X
 ClientSampleId :

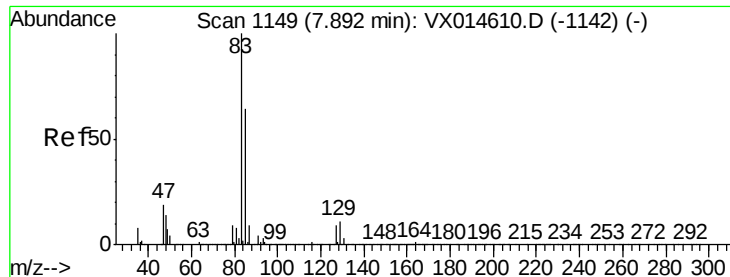
Tot Ion: 63 Resp: 81238
 Ion Ratio Lower Upper
 63 100
 65 29.8 22.1 33.1



#40
 Dibromomethane
 Concen: 20.921 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX014815.D
 Acq: 05 Feb 2020 12:13

Tgt Ion: 93 Resp: 54530
 Ion Ratio Lower Upper
 93 100
 95 84.8 0.0 164.4
 174 115.0 0.0 228.8





#41

Bromodichloromethane

Concen: 21.153 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014815.D

Acq: 05 Feb 2020 12:13

Instrument :

MSVOA_X

ClientSampleId :

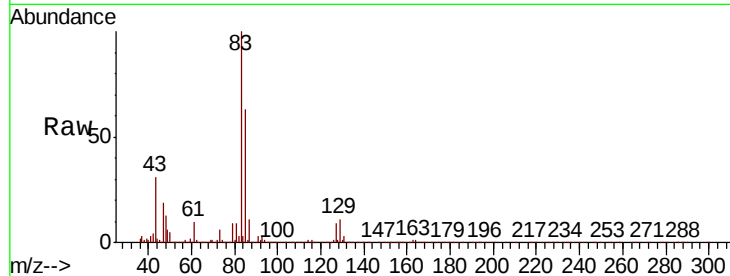
Tot Ion: 83 Resp: 107969

Ion Ratio Lower Upper

83 100

85 63.2 51.6 77.4

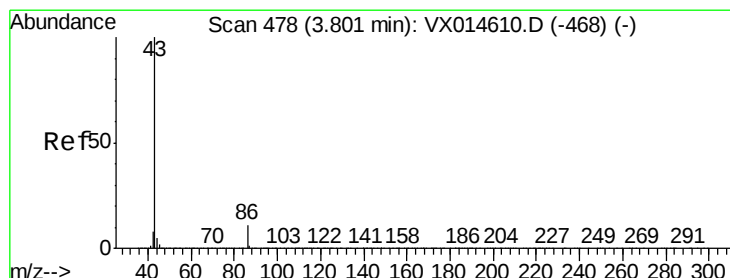
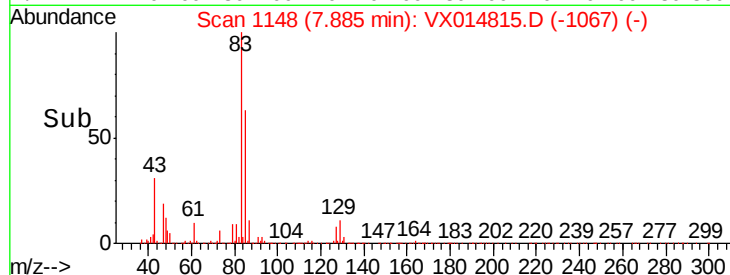
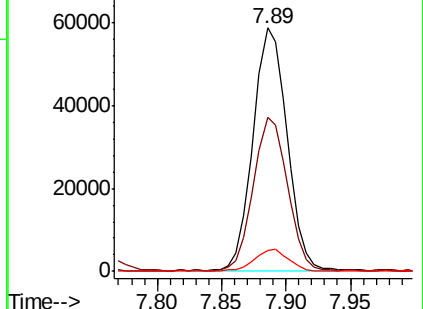
127 8.4 6.0 9.0



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: 100.396 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX014815.D

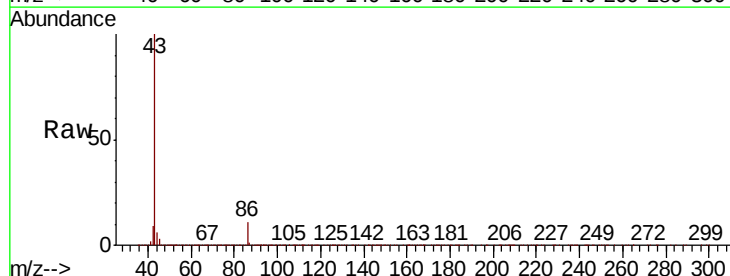
Acq: 05 Feb 2020 12:13

Tgt Ion: 43 Resp: 989385

Ion Ratio Lower Upper

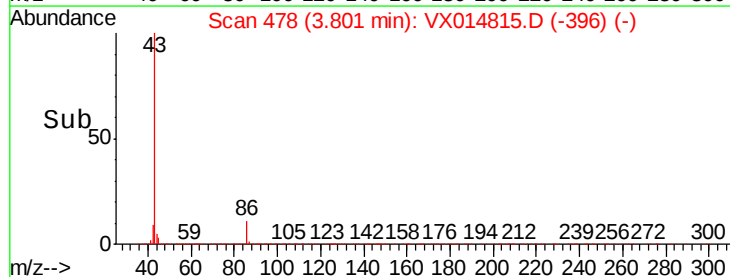
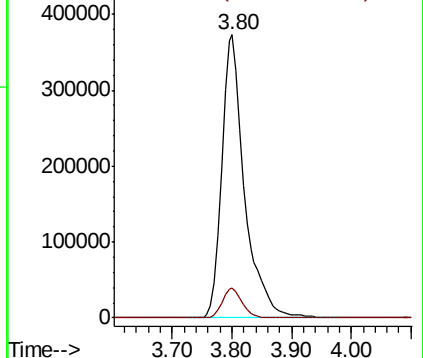
43 100

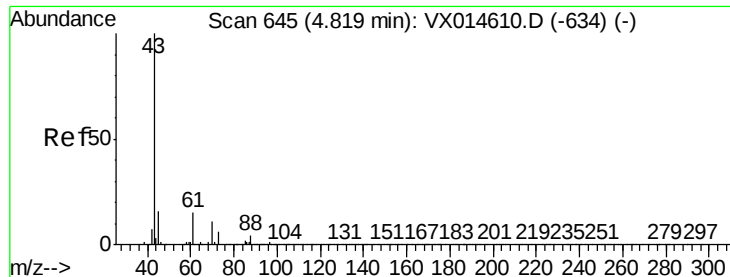
86 9.2 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

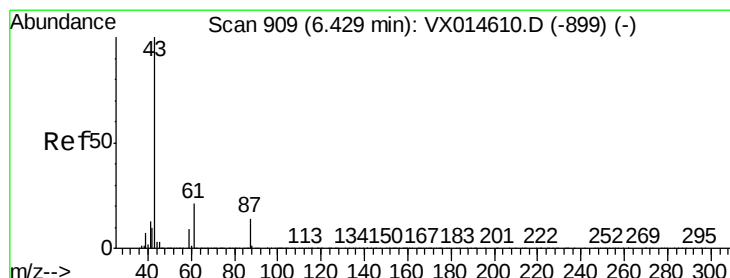
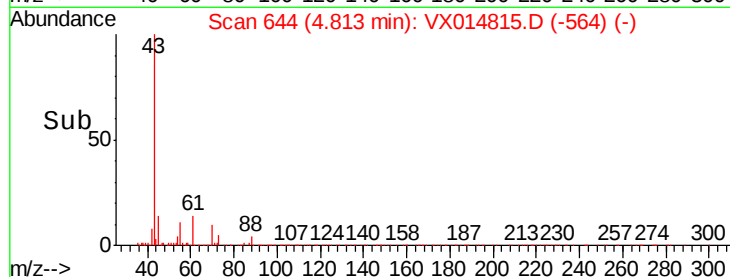
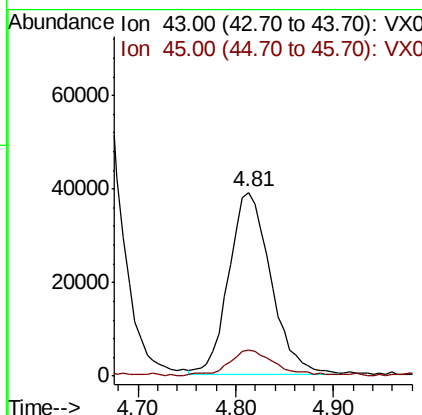
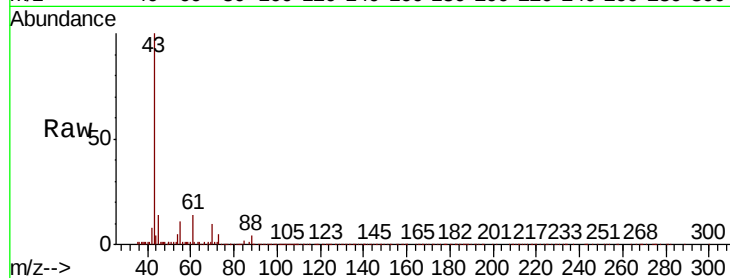




#43
Ethyl Acetate
Concen: 20.240 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014815.D
Acq: 05 Feb 2020 12:13

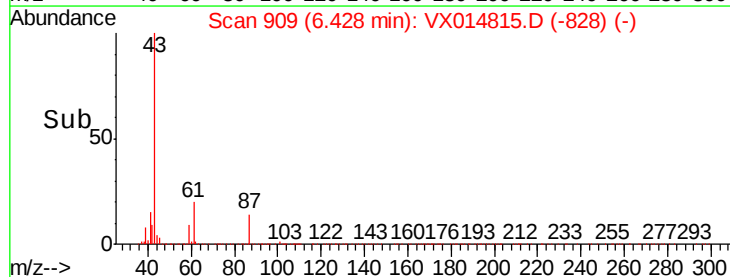
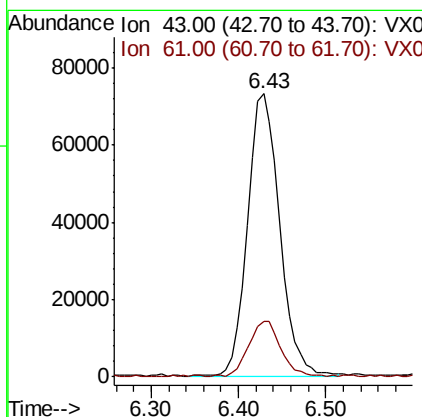
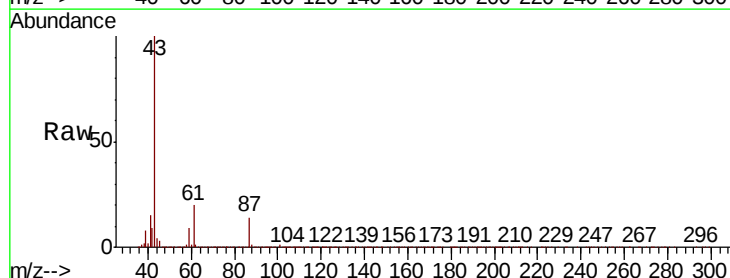
Instrument :
MSVOA_X
ClientSampleId :

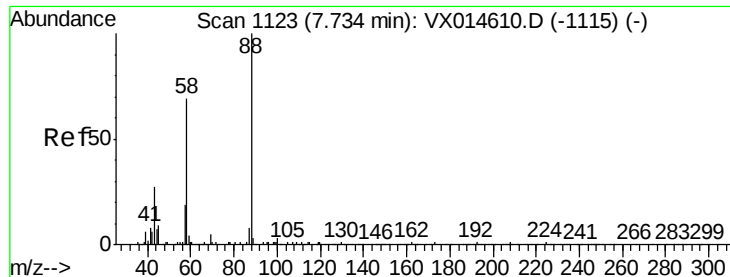
Tot Ion: 43 Resp: 117150
Ion Ratio Lower Upper
43 100
45 12.9 11.8 17.8



#44
Isopropyl Acetate
Concen: 19.903 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX014815.D
Acq: 05 Feb 2020 12:13

Tgt Ion: 43 Resp: 185835
Ion Ratio Lower Upper
43 100
61 19.1 15.9 23.9





#45

1,4-Dioxane

Concen: 416.383 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX014815.D

Acq: 05 Feb 2020 12:13

Instrument :
MSVOA_X
ClientSampleId :

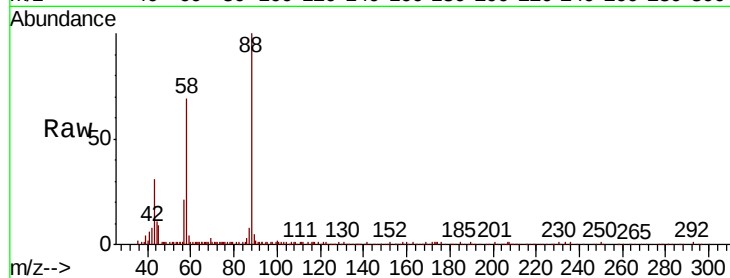
Tot Ion: 88 Resp: 38890

Ion Ratio Lower Upper

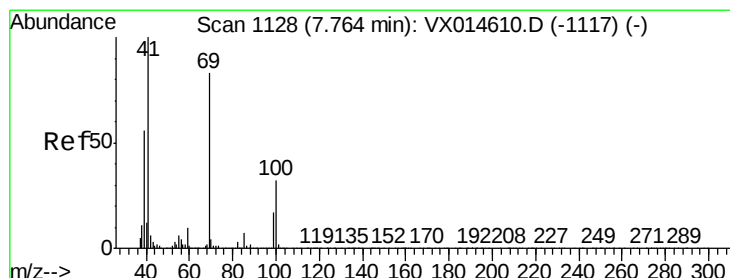
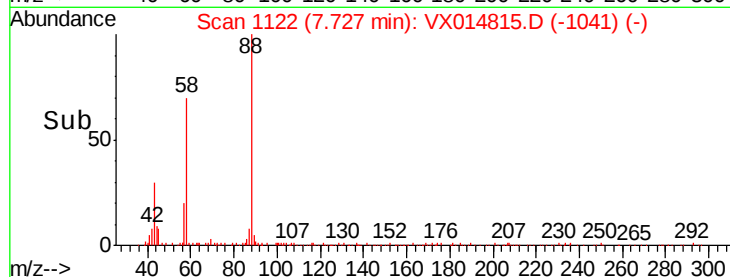
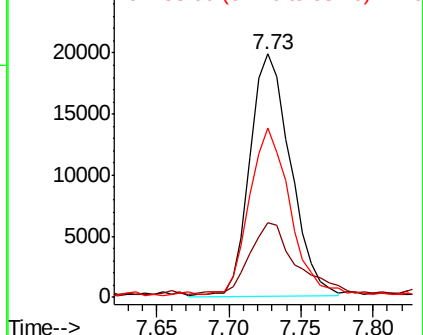
88 100

43 31.2 25.4 38.2

58 69.5 56.5 84.7



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: 19.717 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX014815.D

Acq: 05 Feb 2020 12:13

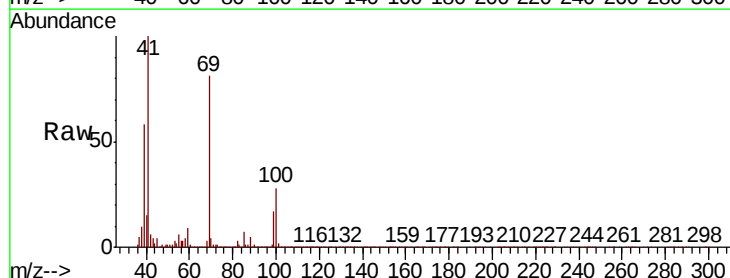
Tgt Ion: 41 Resp: 90535

Ion Ratio Lower Upper

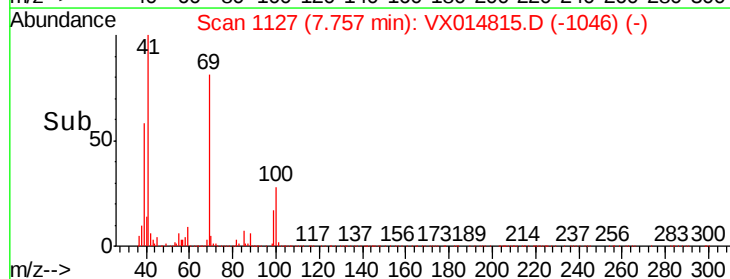
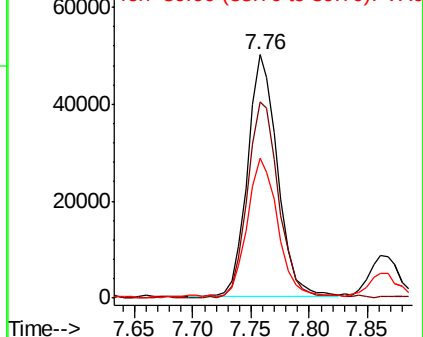
41 100

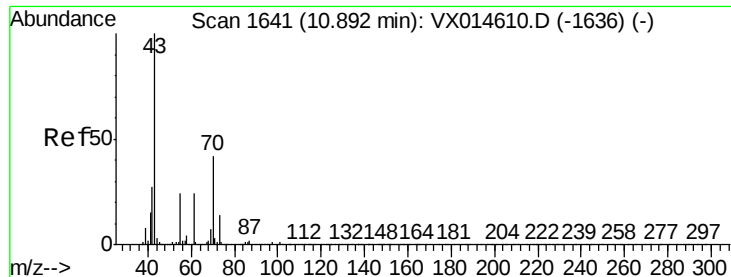
69 80.7 40.6 122.0

39 56.7 27.8 83.3



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: 19.479 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX014815.D

Acq: 05 Feb 2020 12:13

Instrument :

MSVOA_X

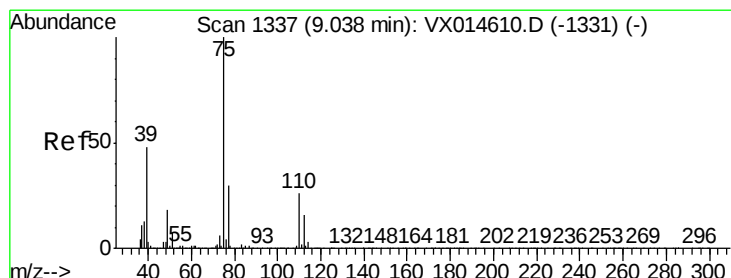
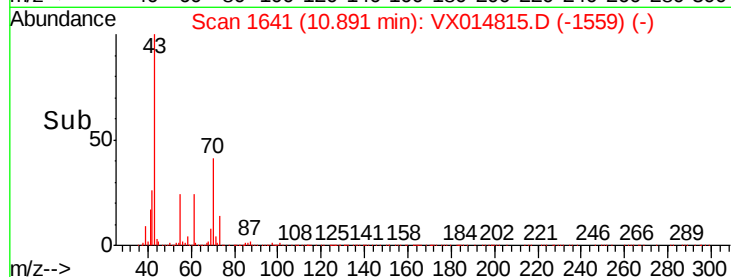
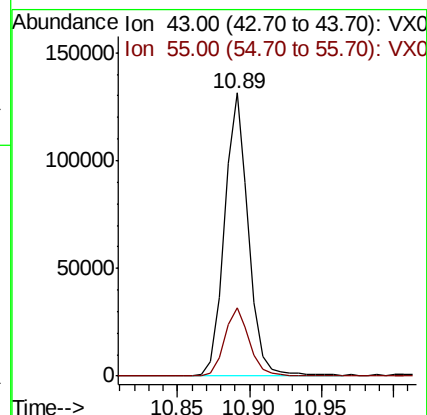
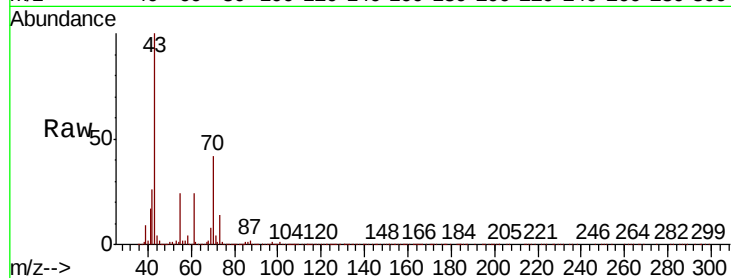
ClientSampled :

Tot Ion: 43 Resp: 152392

Ion Ratio Lower Upper

43 100

55 24.8 19.4 29.2



#48

t-1,3-Dichloropropene

Concen: 20.666 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014815.D

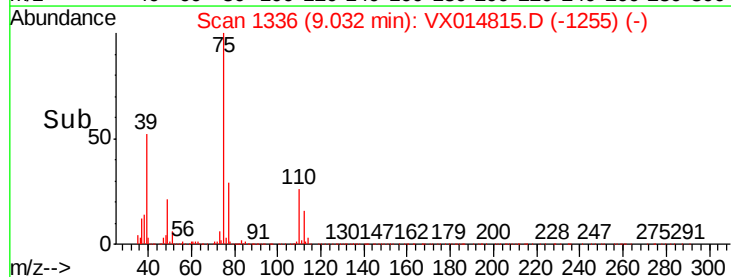
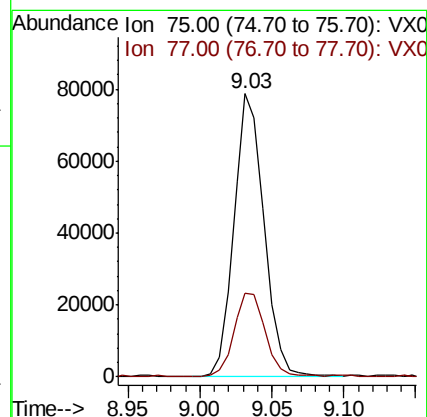
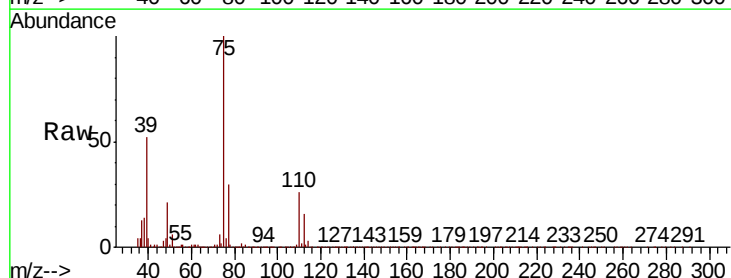
Acq: 05 Feb 2020 12:13

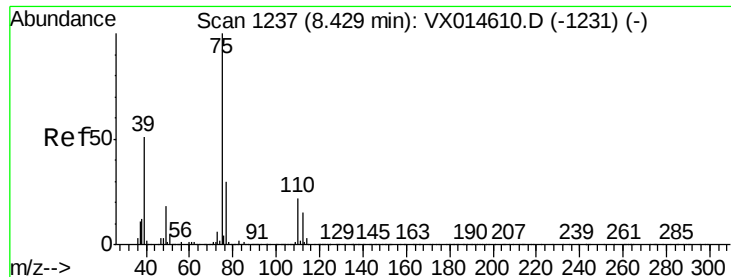
Tgt Ion: 75 Resp: 115167

Ion Ratio Lower Upper

75 100

77 29.5 26.0 39.0



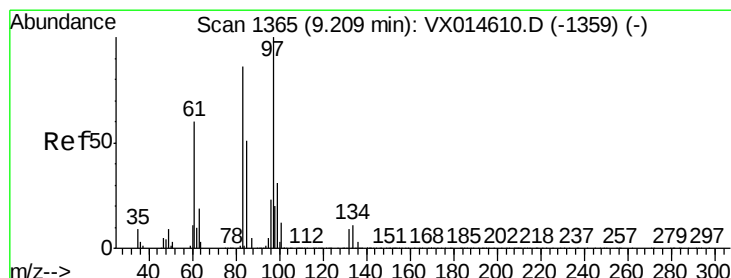
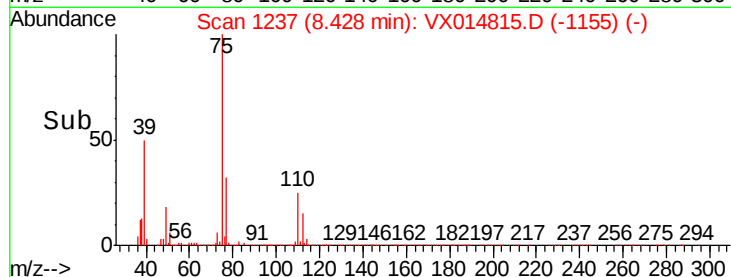
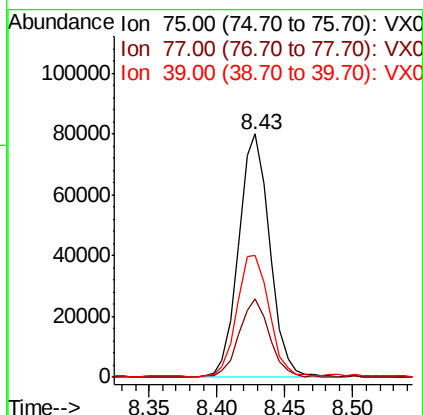
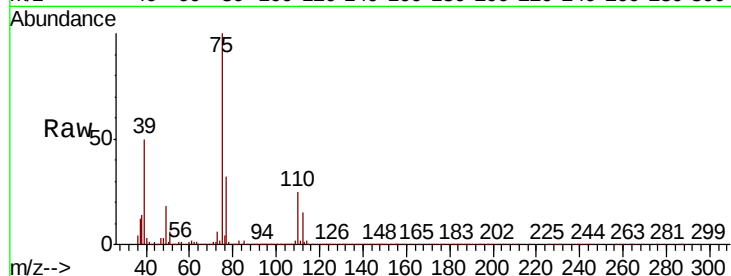


#49

cis-1,3-Dichloropropene
Concen: 20.437 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX014815.D
Acq: 05 Feb 2020 12:13

Instrument :
MSVOA_X
ClientSampleId :

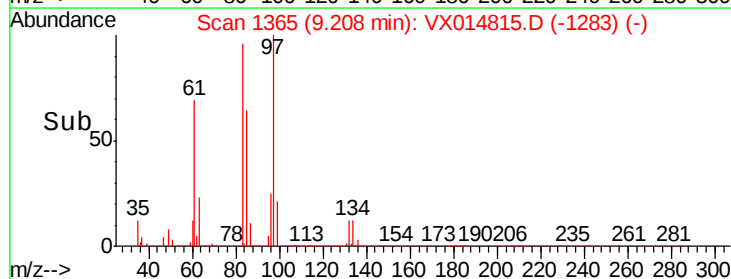
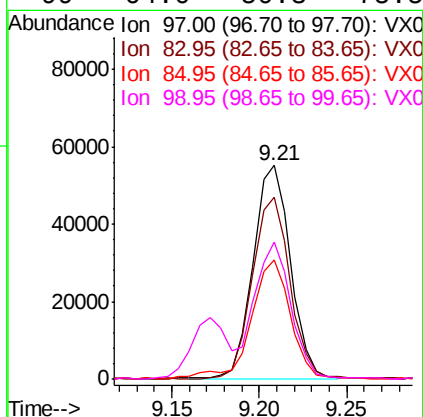
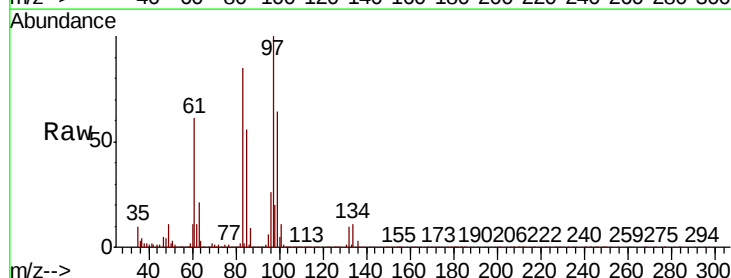
Tot Ion	Ratio	Lower	Upper
75	100		
77	32.0	24.8	37.2
39	49.9	41.1	61.7

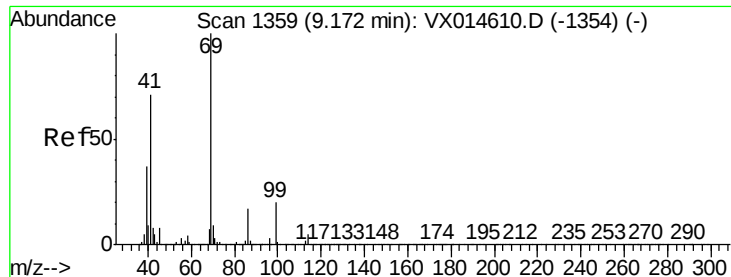


#50

1,1,2-Trichloroethane
Concen: 20.825 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. -0.00 min
Lab File: VX014815.D
Acq: 05 Feb 2020 12:13

Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.9	68.1	102.1
85	55.5	42.7	64.1
99	64.0	50.3	75.5





#51

Ethyl methacrylate

Concen: 20.261 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX014815.D

Acq: 05 Feb 2020 12:13

Instrument :

MSVOA_X

ClientSampleId :

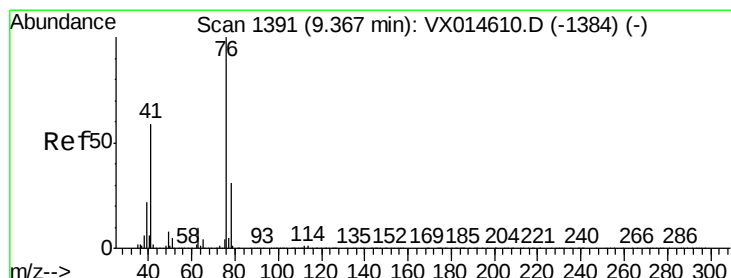
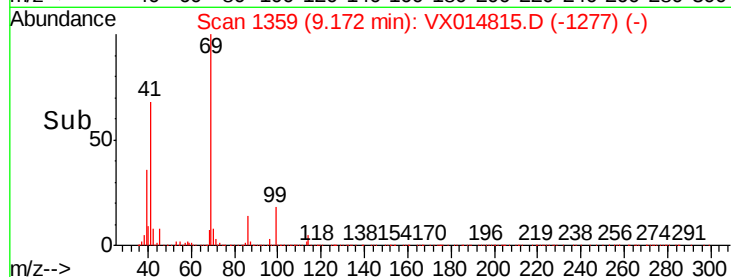
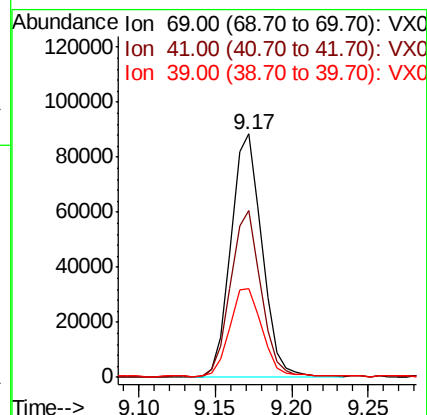
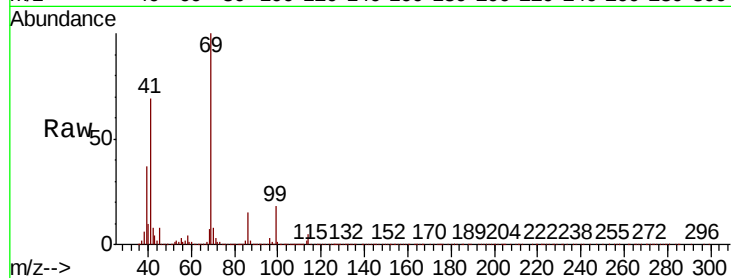
Tot Ion: 69 Resp: 125123

Ion Ratio Lower Upper

69 100

41 68.5 35.4 106.1

39 36.3 17.8 53.3



#52

1,3-Dichloropropane

Concen: 20.937 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014815.D

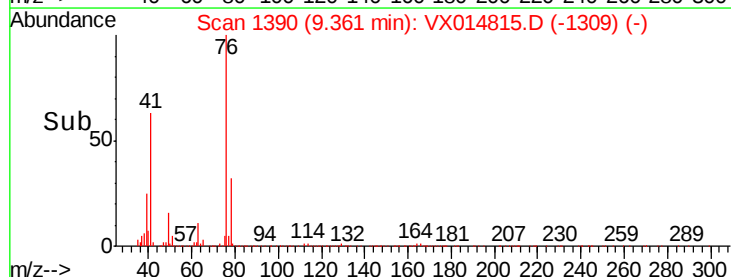
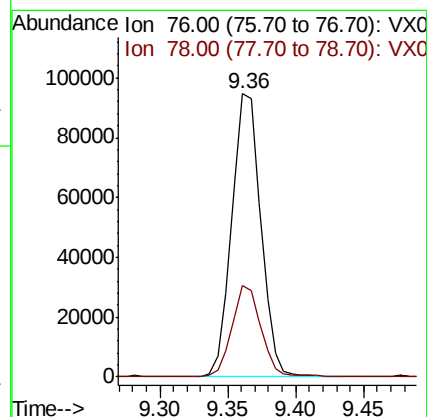
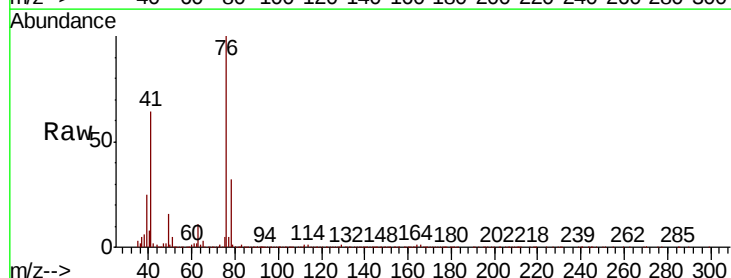
Acq: 05 Feb 2020 12:13

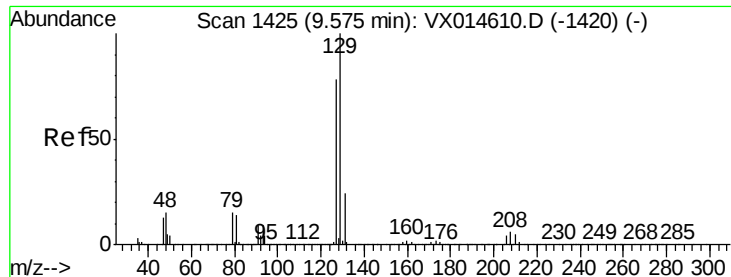
Tgt Ion: 76 Resp: 140692

Ion Ratio Lower Upper

76 100

78 31.6 0.0 63.4

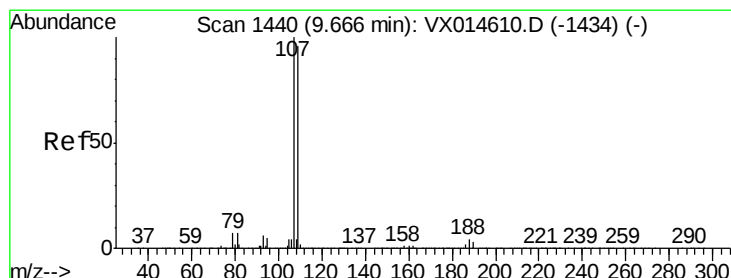
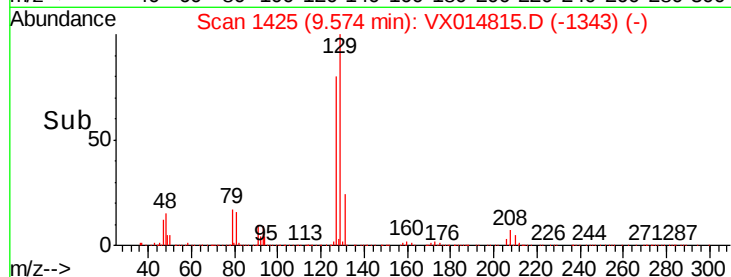
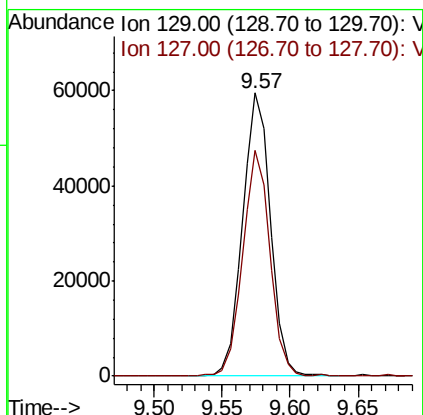
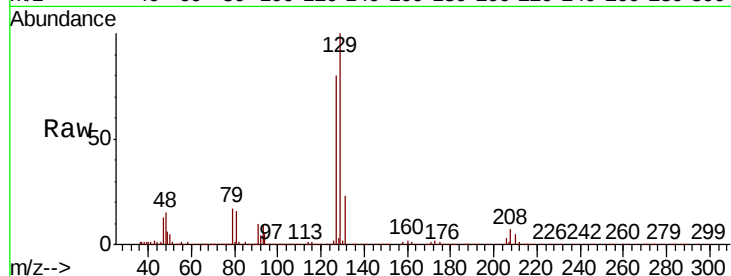




#53
 Dibromochloromethane
 Concen: 20.976 ug/l
 RT: 9.57 min Scan# 1425
 Delta R.T. -0.00 min
 Lab File: VX014815.D
 Acq: 05 Feb 2020 12:13

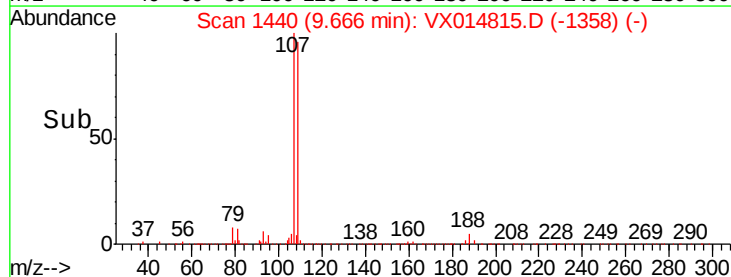
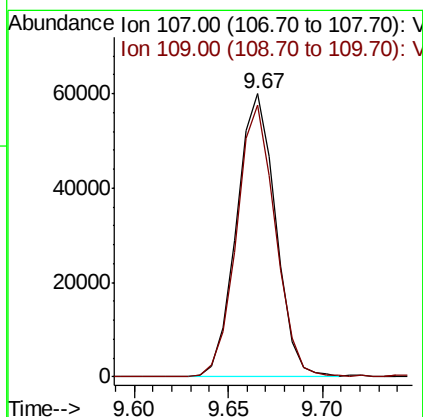
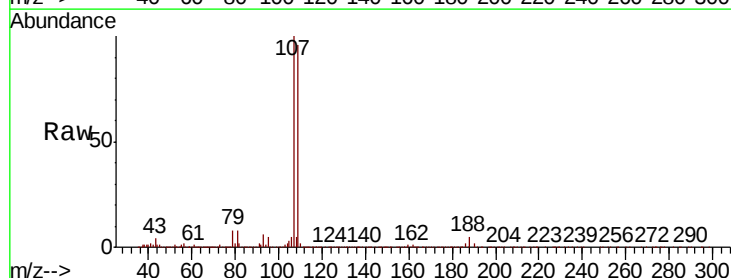
Instrument :
 MSVOA_X
 ClientSampleId :

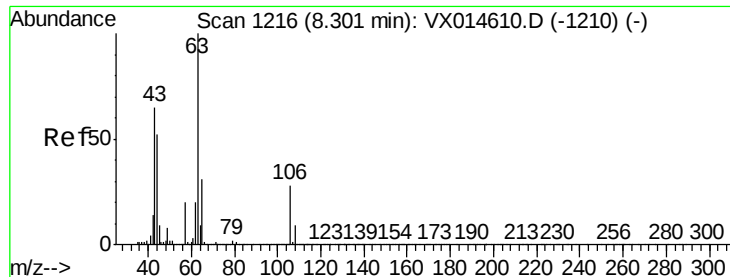
Tot Ion:129 Resp: 85095
 Ion Ratio Lower Upper
 129 100
 127 77.5 39.1 117.5



#54
 1,2-Dibromoethane
 Concen: 20.849 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX014815.D
 Acq: 05 Feb 2020 12:13

Tgt Ion:107 Resp: 85760
 Ion Ratio Lower Upper
 107 100
 109 95.5 77.2 115.8

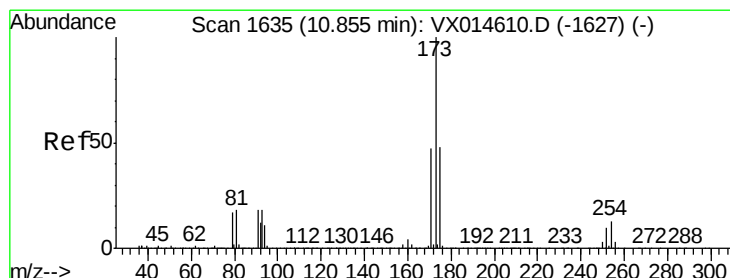
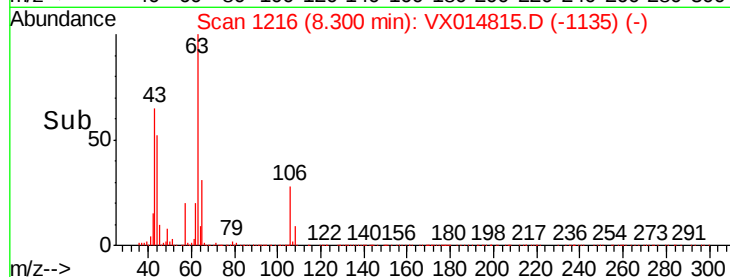
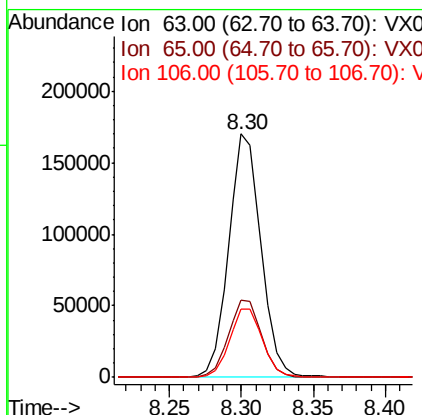
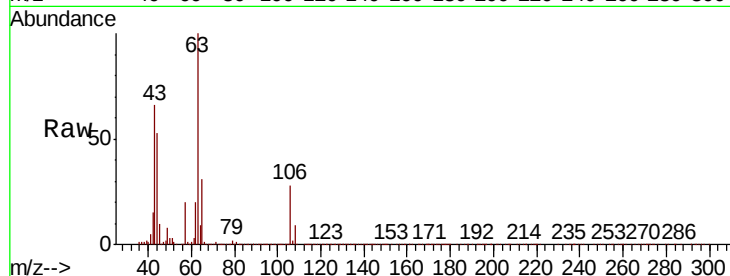




#55
2-Chloroethyl vinyl ether
Concen: 93.713 ug/l
RT: 8.30 min Scan# 1216
Delta R.T. -0.01 min
Lab File: VX014815.D
Acq: 05 Feb 2020 12:13

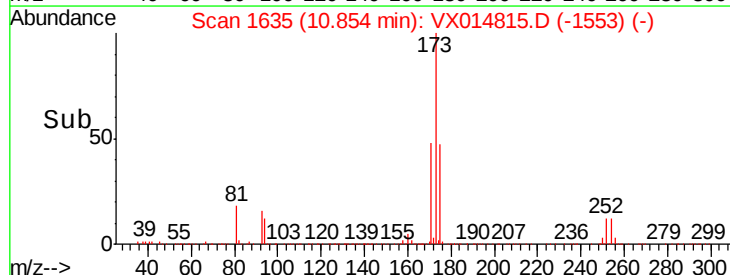
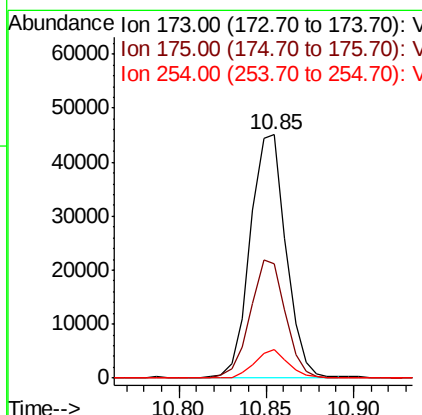
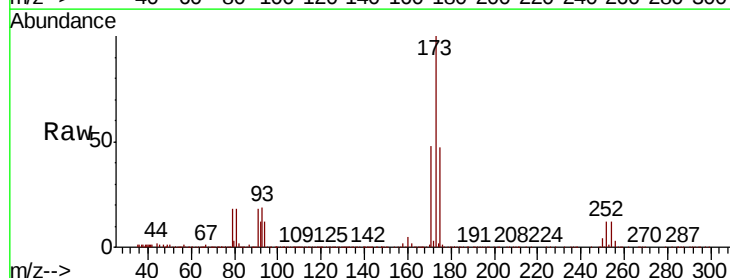
Instrument :
MSVOA_X
ClientSampled :

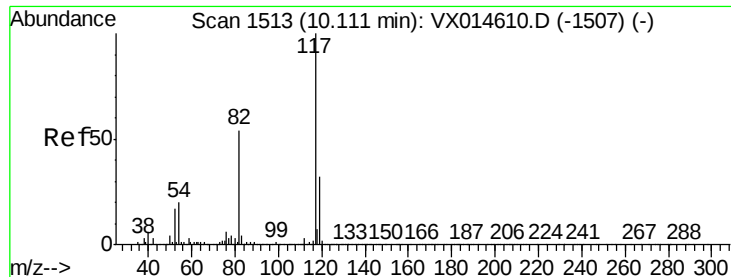
Tot Ion	Ratio	Lower	Upper
63	100		
65	32.6	25.8	38.6
106	28.8	22.9	34.3



#56
Bromoform
Concen: 20.544 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX014815.D
Acq: 05 Feb 2020 12:13

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.3	39.5	59.3
254	11.1	8.2	12.4

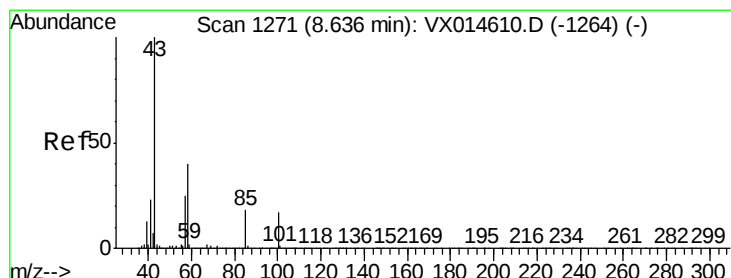
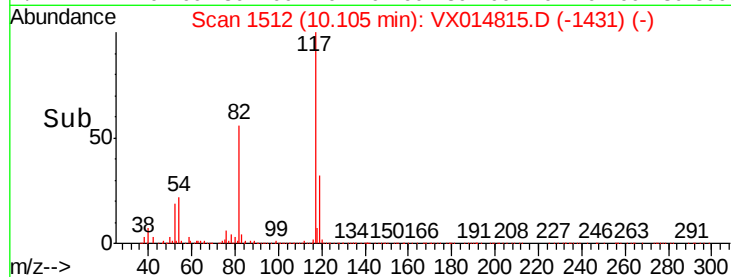
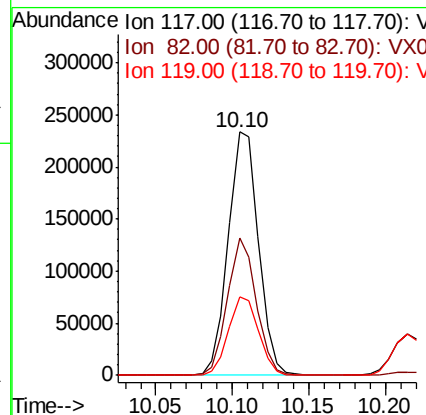
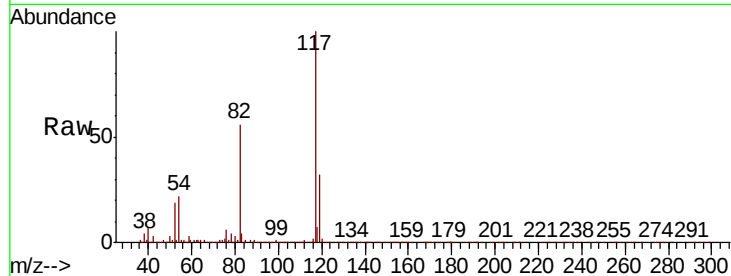




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014815.D
Acq: 05 Feb 2020 12:13

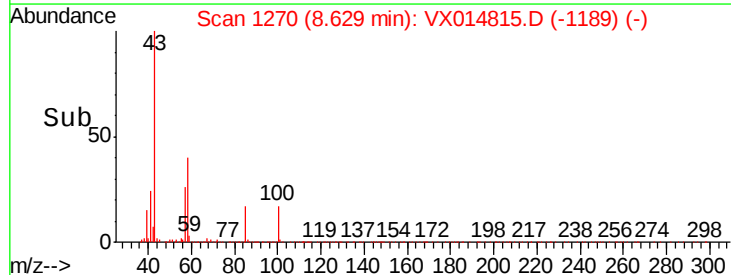
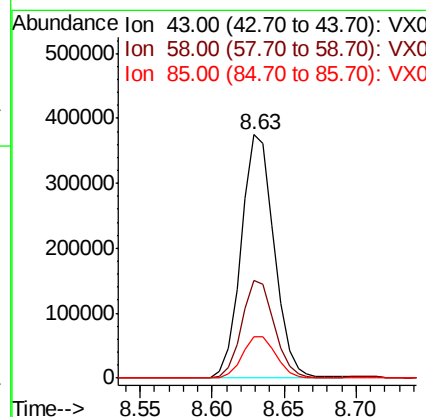
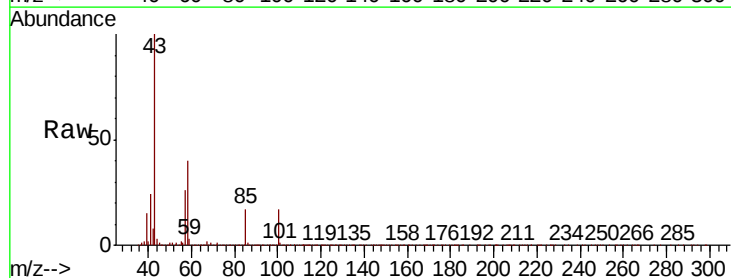
Instrument :
MSVOA_X
ClientSampleId :

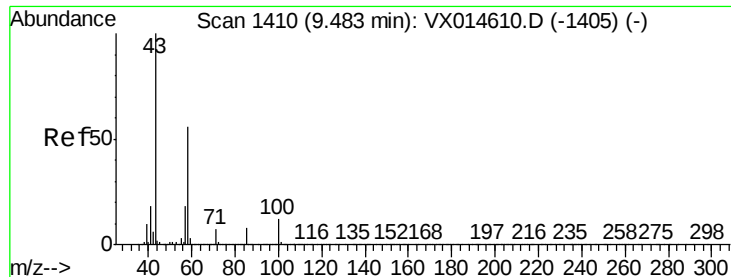
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.4	43.8	65.6
119	32.2	25.8	38.6



#58
4-Methyl-2-Pentanone
Concen: 98.410 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX014815.D
Acq: 05 Feb 2020 12:13

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.8	31.2	46.8
85	17.5	14.2	21.2

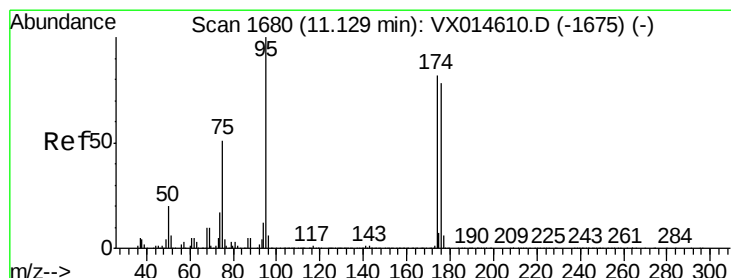
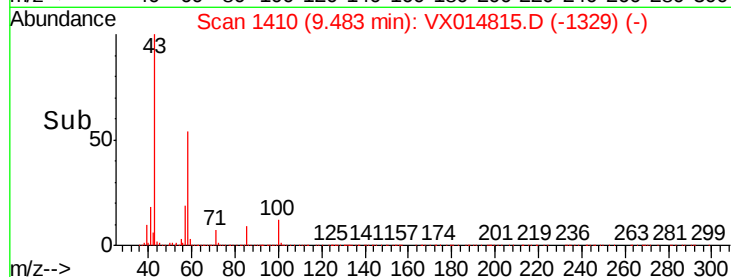
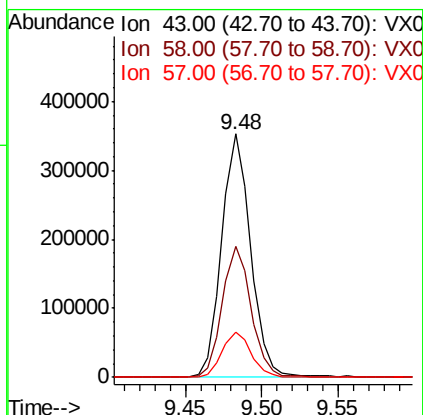
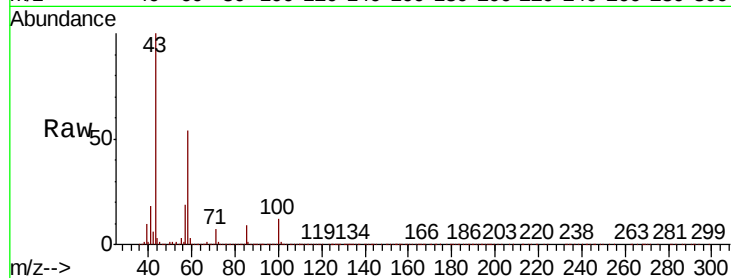




#59
2-Hexanone
Concen: 98.931 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014815.D
Acq: 05 Feb 2020 12:13

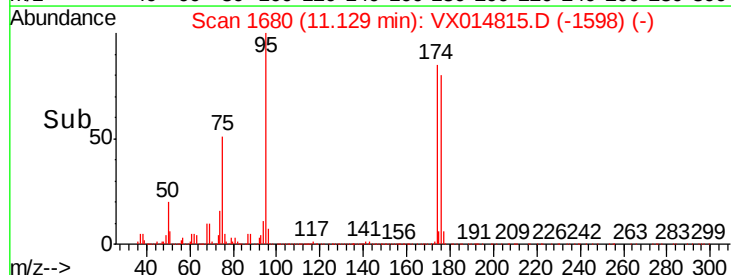
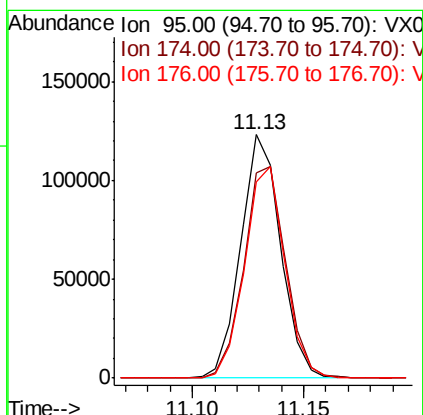
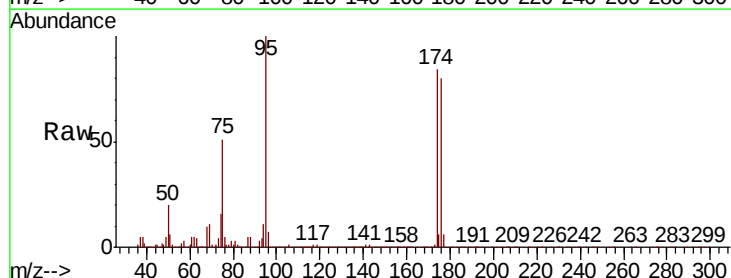
Instrument :
MSVOA_X
ClientSampleId :

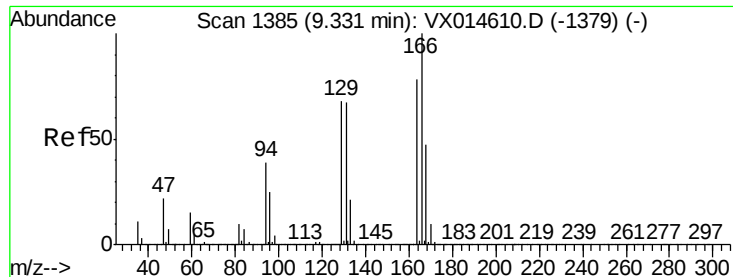
Tot Ion	Ratio	Lower	Upper
43	100		
58	54.1	43.8	65.6
57	18.8	15.4	23.0



#60
4-Bromofluorobenzene
Concen: 29.883 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX014815.D
Acq: 05 Feb 2020 12:13

Tgt Ion	Ratio	Lower	Upper
95	100		
174	91.8	70.2	105.2
176	87.7	68.3	102.5

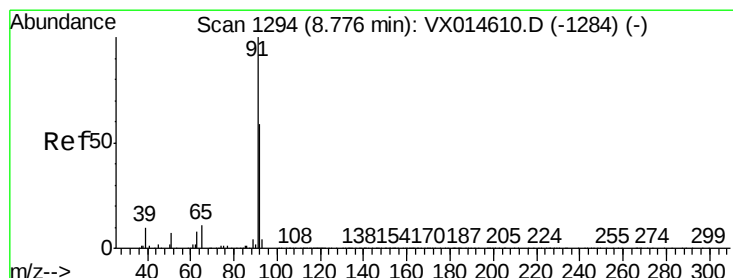
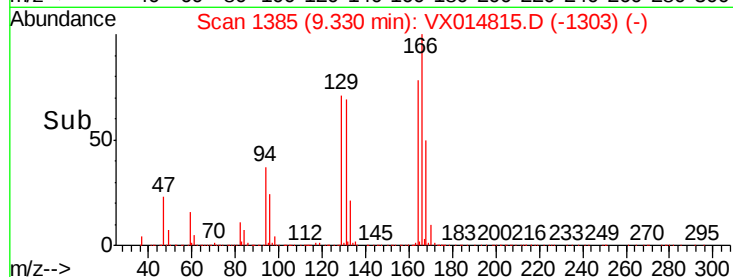
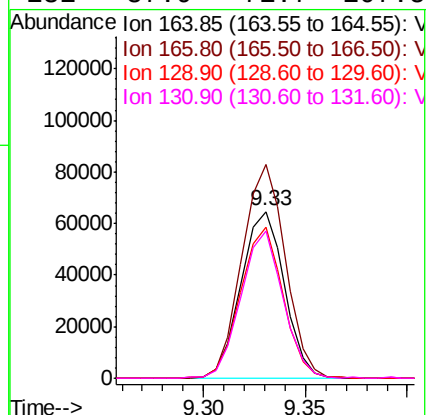
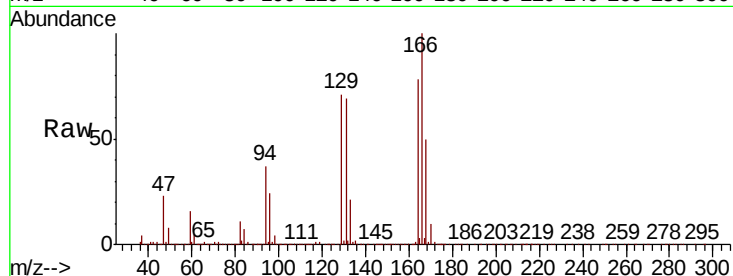




#61
Tetrachloroethene
Concen: 20.175 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX014815.D
Acq: 05 Feb 2020 12:13

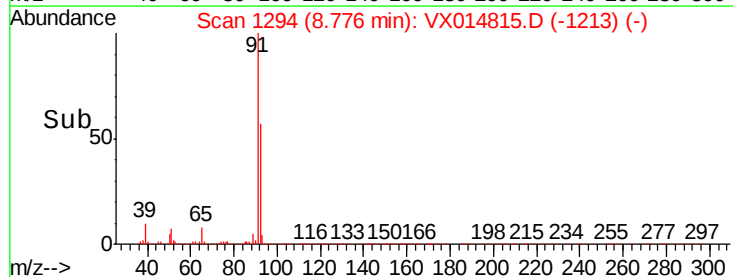
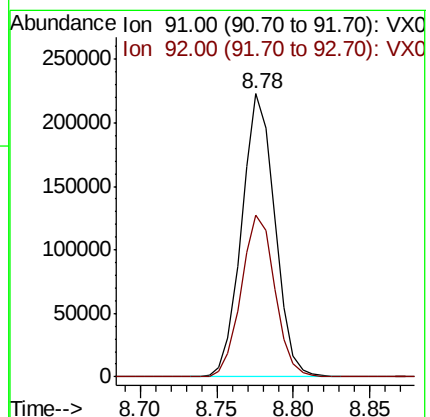
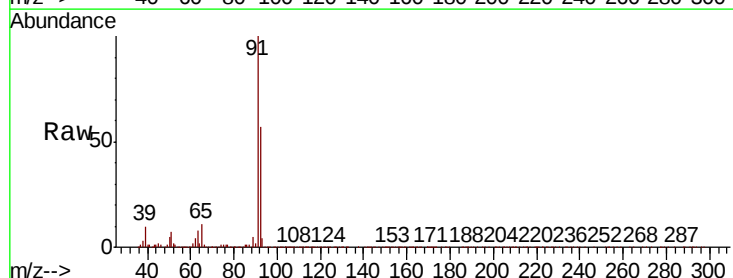
Instrument :
MSVOA_X
ClientSampleId :

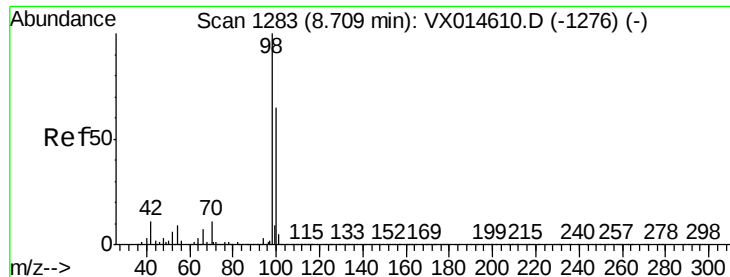
Tot Ion:164 Resp: 95759
Ion Ratio Lower Upper
164 100
166 127.9 104.2 156.2
129 90.2 71.6 107.4
131 87.9 71.7 107.5



#62
Toluene
Concen: 19.670 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.01 min
Lab File: VX014815.D
Acq: 05 Feb 2020 12:13

Tgt Ion: 91 Resp: 335119
Ion Ratio Lower Upper
91 100
92 57.7 46.4 69.6





#63

Toluene-d8

Concen: 29.500 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX014815.D

Acq: 05 Feb 2020 12:13

Instrument :

MSVOA_X

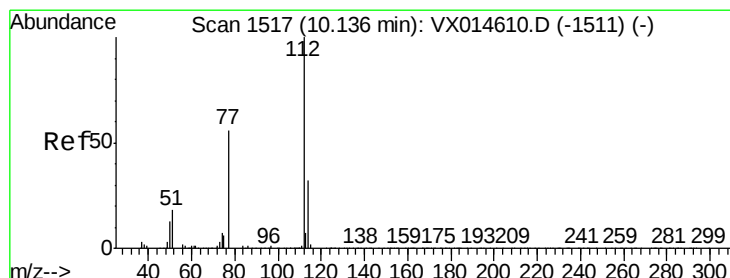
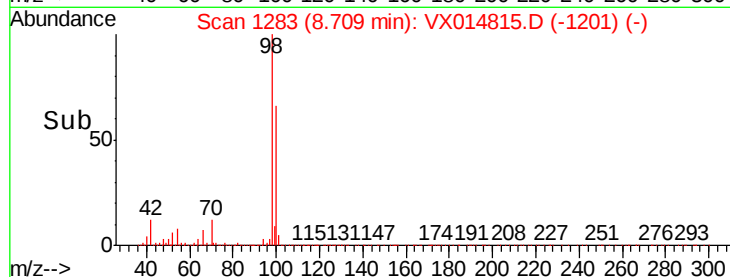
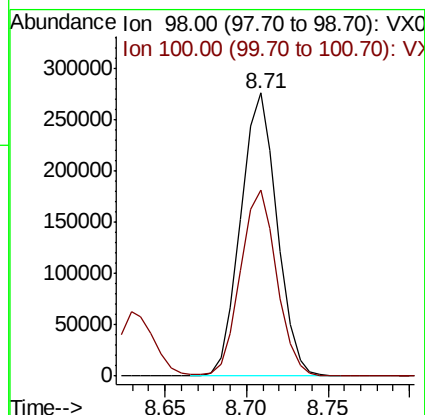
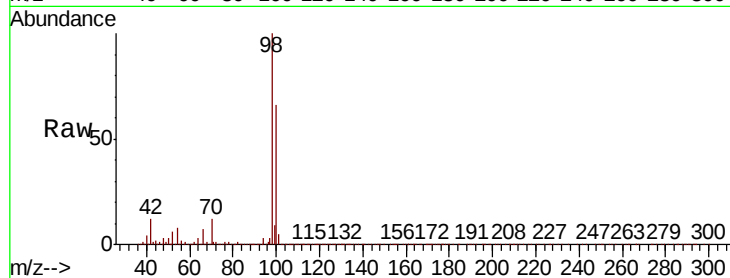
ClientSampleId :

Tot Ion: 98 Resp: 427907

Ion Ratio Lower Upper

98 100

100 65.1 52.2 78.2



#64

Chlorobenzene

Concen: 20.046 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014815.D

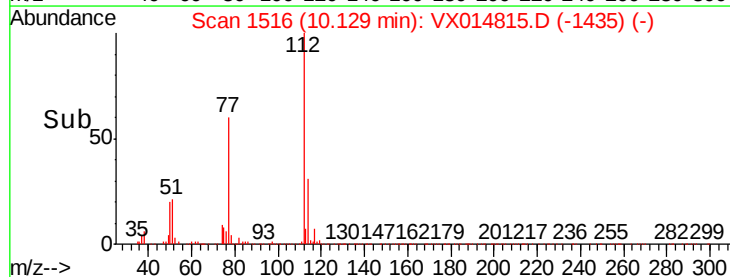
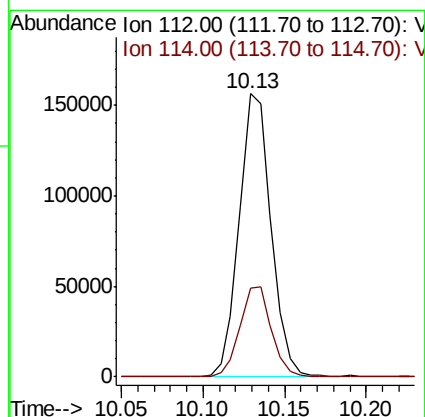
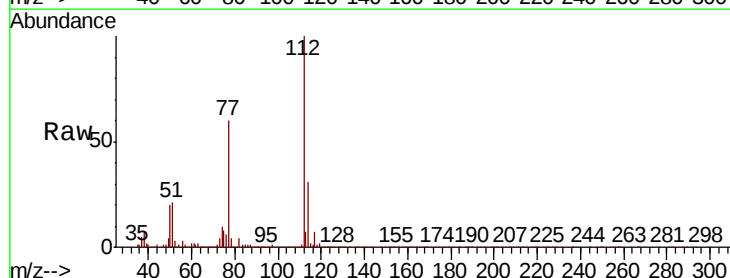
Acq: 05 Feb 2020 12:13

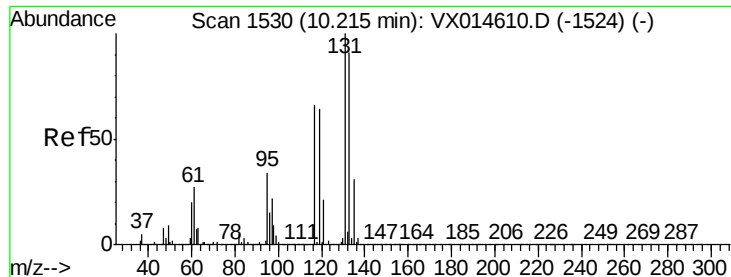
Tgt Ion: 112 Resp: 213206

Ion Ratio Lower Upper

112 100

114 31.4 24.4 36.6





#65

1,1,1,2-Tetrachloroethane

Concen: 20.835 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX014815.D

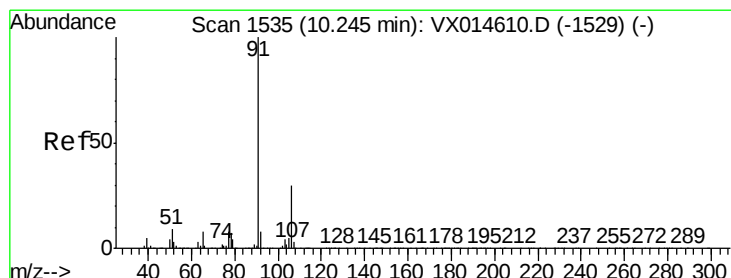
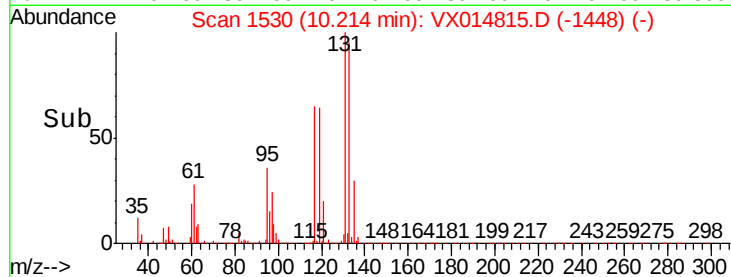
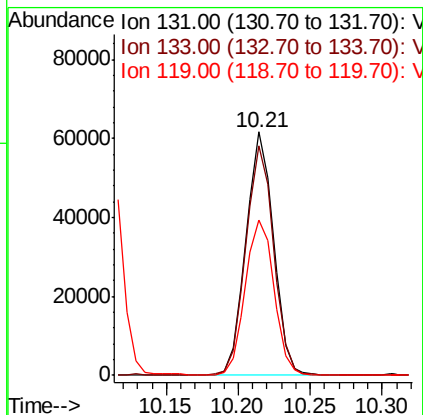
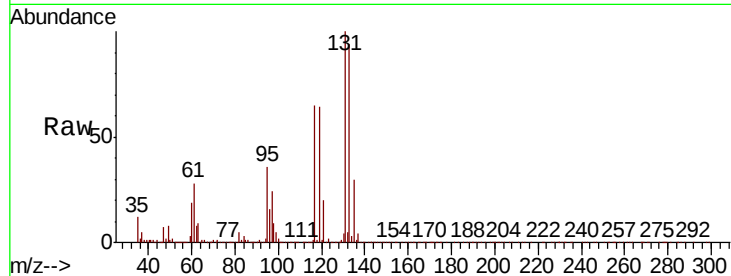
Acq: 05 Feb 2020 12:13

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:	131	Resp:	81841
Ion	Ratio	Lower	Upper
131	100		
133	94.9	0.0	189.8
119	65.8	0.0	132.2



#66

Ethyl Benzene

Concen: 19.022 ug/l

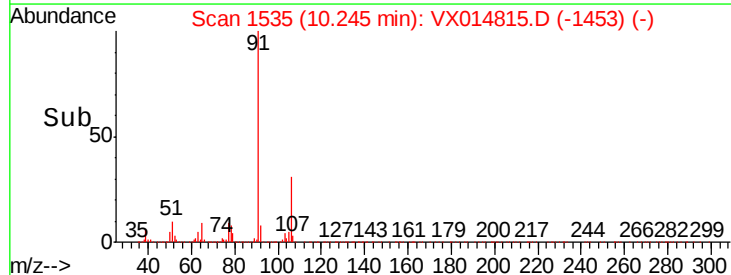
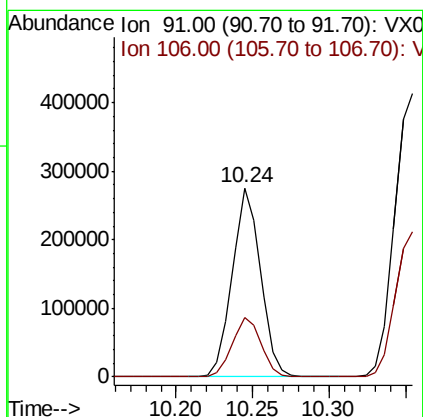
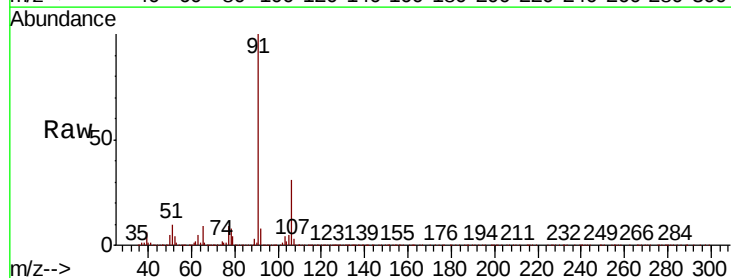
RT: 10.24 min Scan# 1535

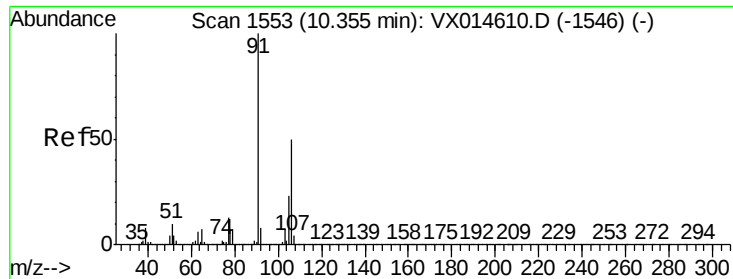
Delta R.T. -0.00 min

Lab File: VX014815.D

Acq: 05 Feb 2020 12:13

Tgt Ion:	91	Resp:	353000
Ion	Ratio	Lower	Upper
91	100		
106	31.3	24.2	36.2

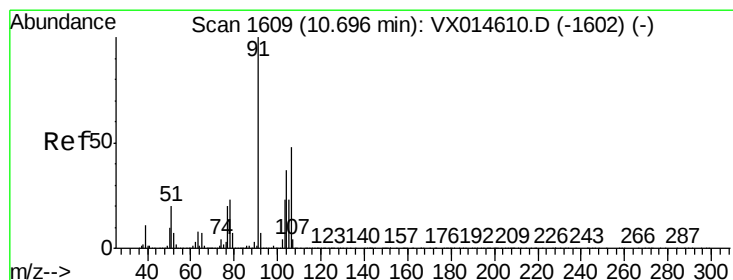
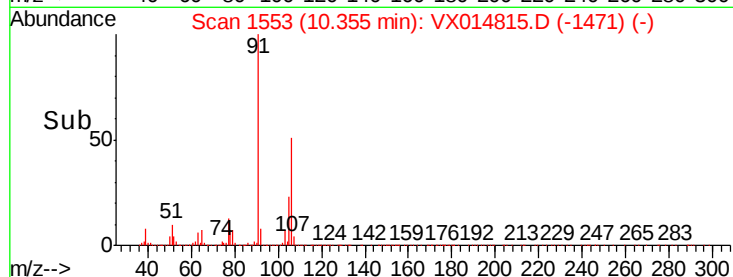
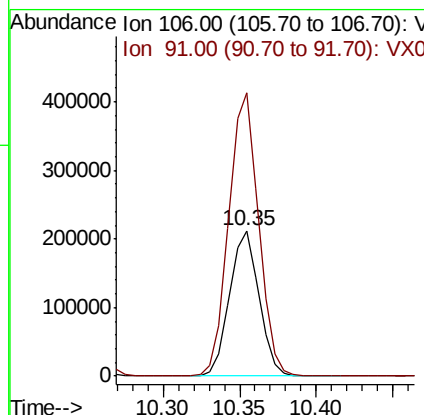
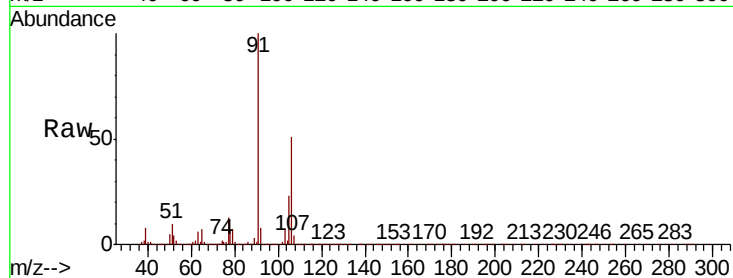




#67
m/p-Xylenes
Concen: 39.697 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX014815.D
Acq: 05 Feb 2020 12:13

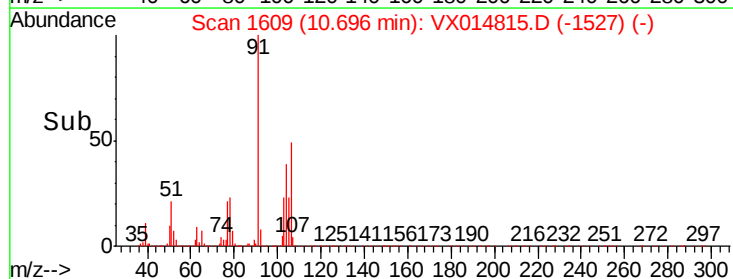
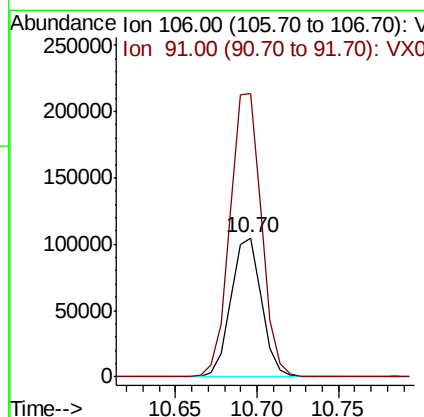
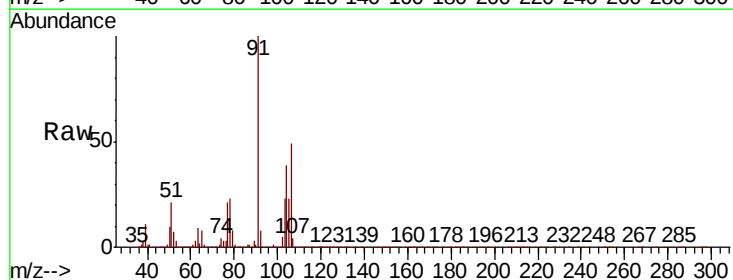
Instrument :
MSVOA_X
ClientSampleId :

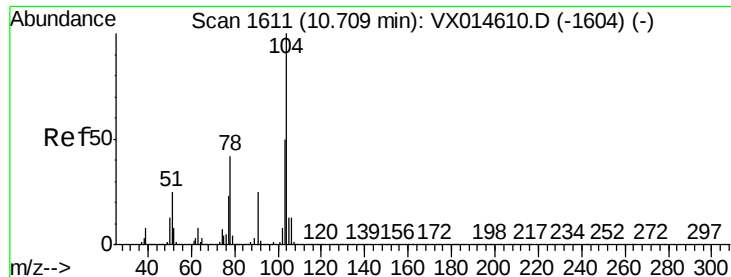
Tot Ion:106 Resp: 282172
Ion Ratio Lower Upper
106 100
91 197.0 159.3 238.9



#68
o-Xylene
Concen: 19.725 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX014815.D
Acq: 05 Feb 2020 12:13

Tgt Ion:106 Resp: 136532
Ion Ratio Lower Upper
106 100
91 208.5 104.8 314.6

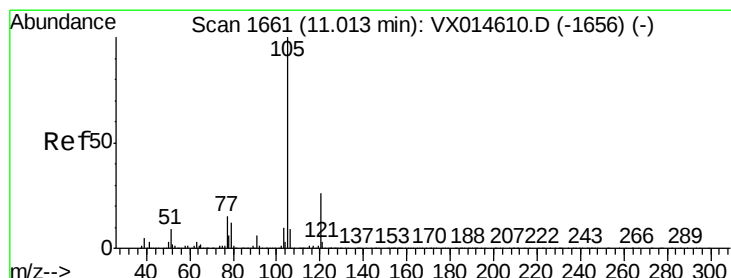
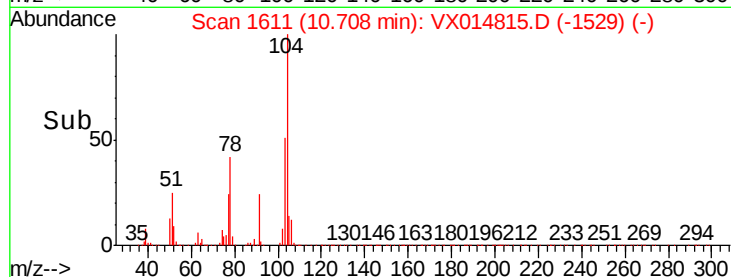
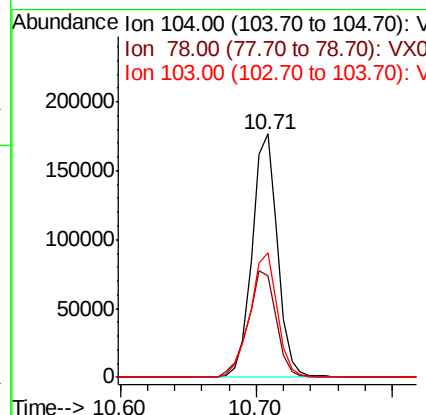
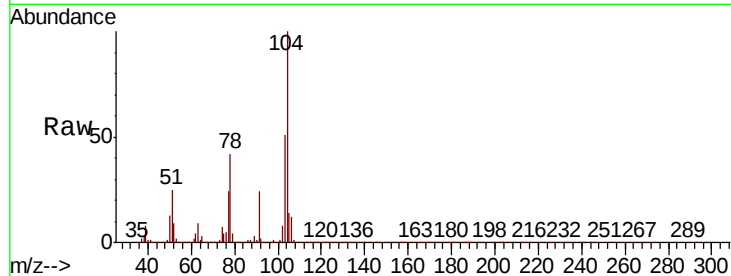




#69
Stvrene
Concen: 19.666 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX014815.D
Acq: 05 Feb 2020 12:13

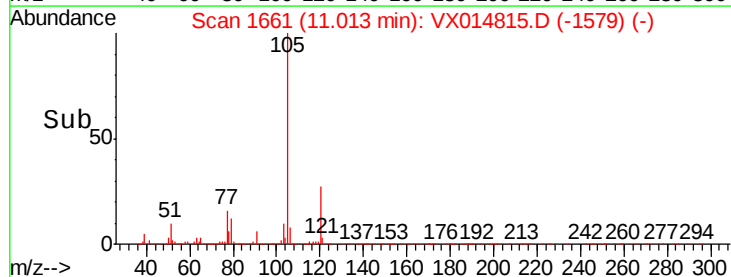
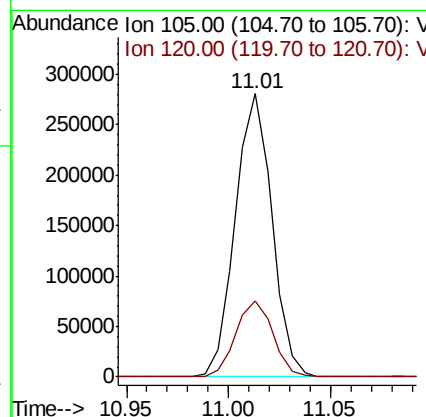
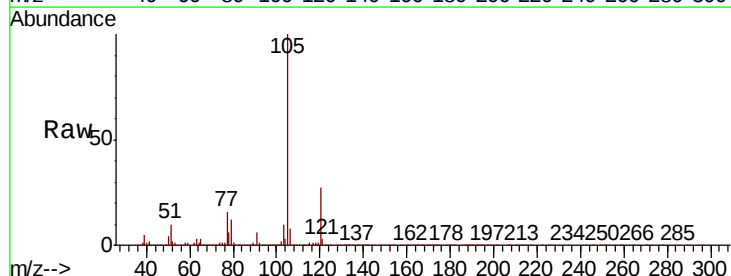
Instrument :
MSVOA_X
ClientSampleId :

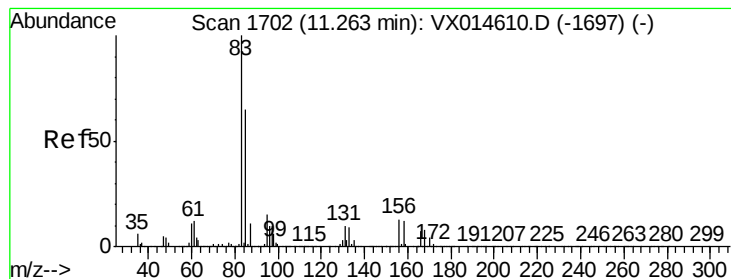
Tot Ion	Ratio	Lower	Upper
104	100		
78	48.8	38.9	58.3
103	54.9	44.2	66.2



#70
Isopropylbenzene
Concen: 19.241 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX014815.D
Acq: 05 Feb 2020 12:13

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.2	19.1	35.5





#71

1,1,2,2-Tetrachloroethane

Concen: 19.624 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX014815.D

Acq: 05 Feb 2020 12:13

Instrument :

MSVOA_X

ClientSampleId :

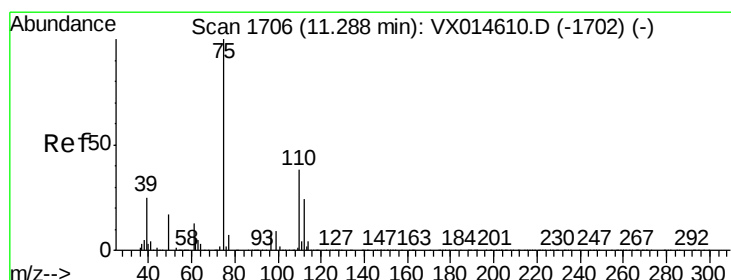
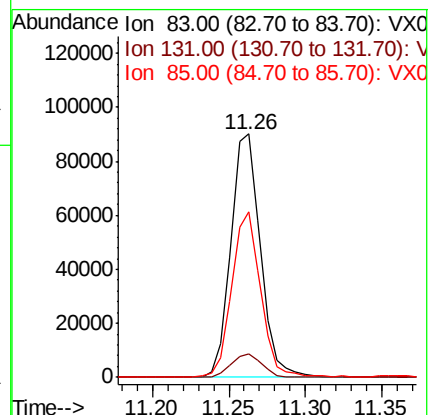
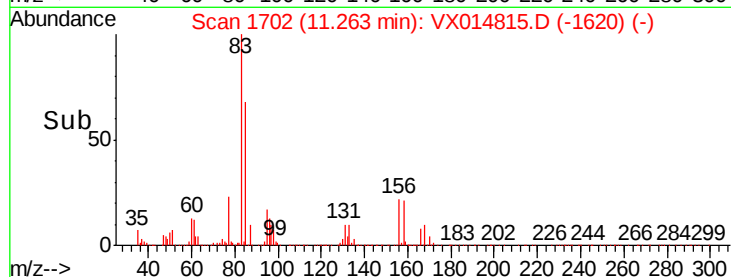
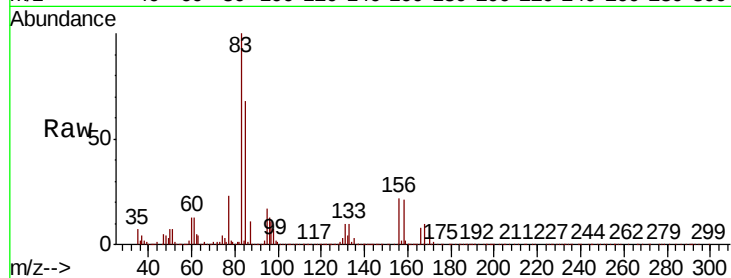
Tot Ion: 83 Resp: 119869

Ion Ratio Lower Upper

83 100

131 10.3 4.9 14.7

85 66.6 31.6 94.7



#72

1,2,3-Trichloropropane

Concen: 26.348 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014815.D

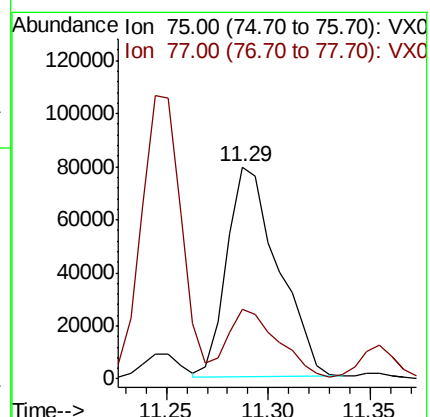
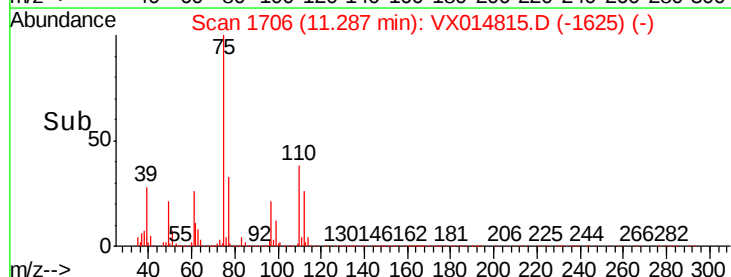
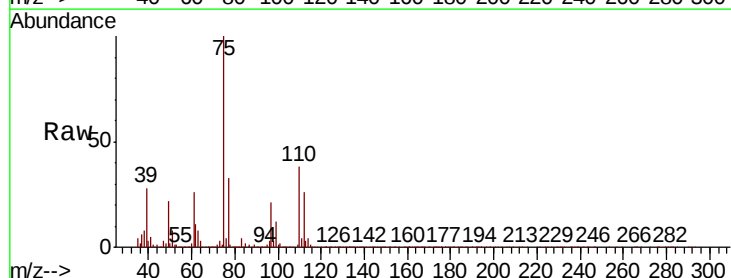
Acq: 05 Feb 2020 12:13

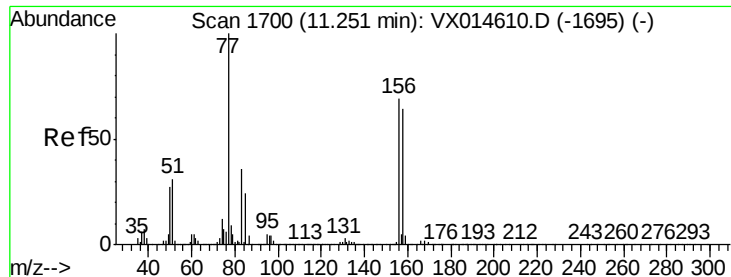
Tgt Ion: 75 Resp: 137664

Ion Ratio Lower Upper

75 100

77 33.2 0.0 68.4





#73

Bromobenzene

Concen: 19.902 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014815.D

Acq: 05 Feb 2020 12:13

Instrument :

MSVOA_X

ClientSampled :

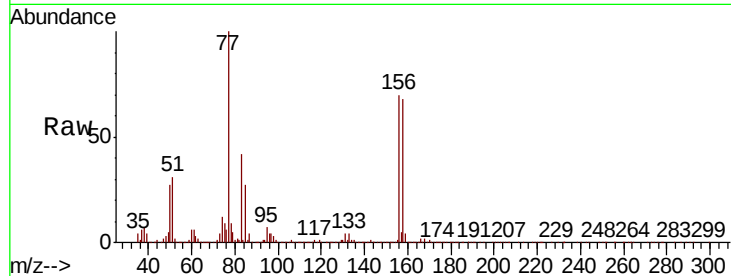
Tot Ion:156 Resp: 95667

Ion Ratio Lower Upper

156 100

77 150.8 0.0 304.6

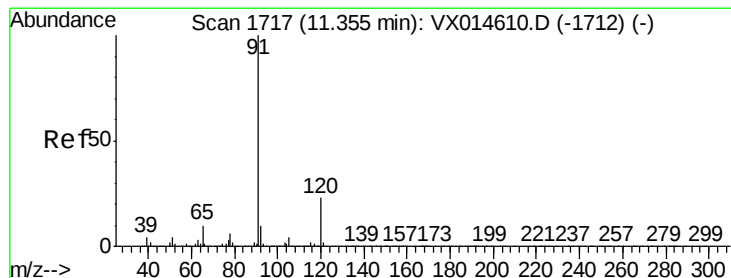
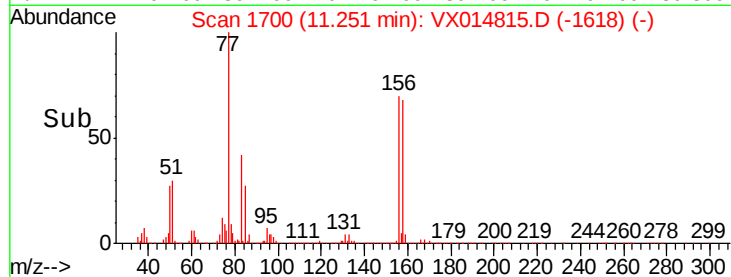
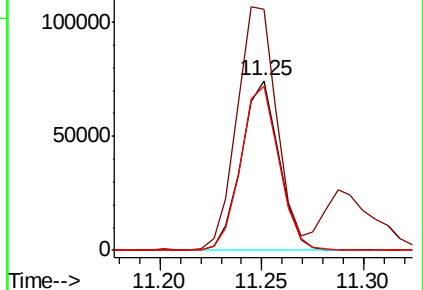
158 98.3 0.0 195.2



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: 19.222 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX014815.D

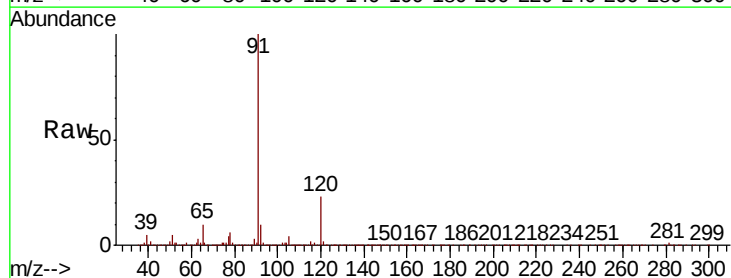
Acq: 05 Feb 2020 12:13

Tgt Ion: 91 Resp: 398301

Ion Ratio Lower Upper

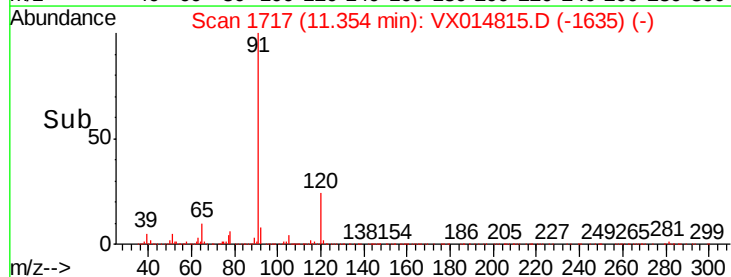
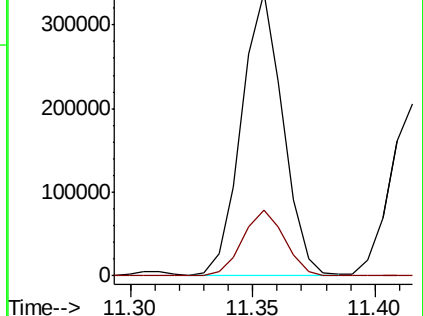
91 100

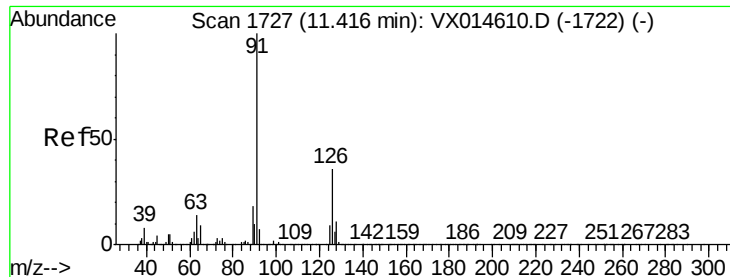
120 23.2 0.0 44.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 19.730 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX014815.D

Acq: 05 Feb 2020 12:13

Instrument :

MSVOA_X

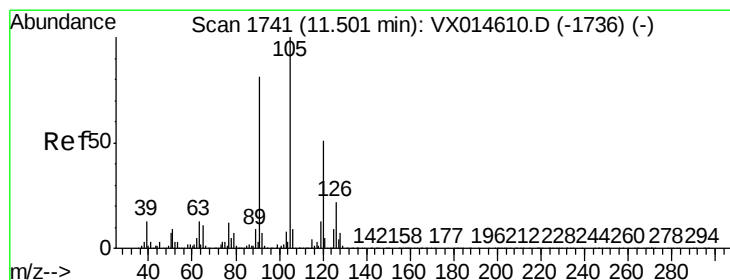
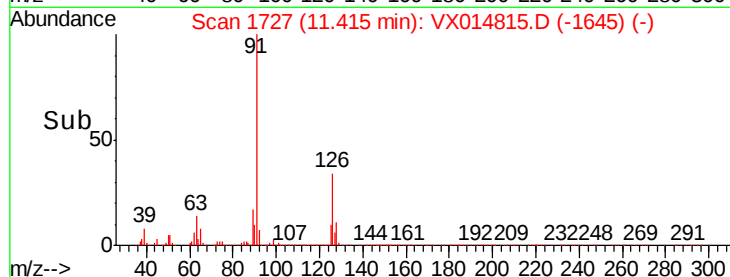
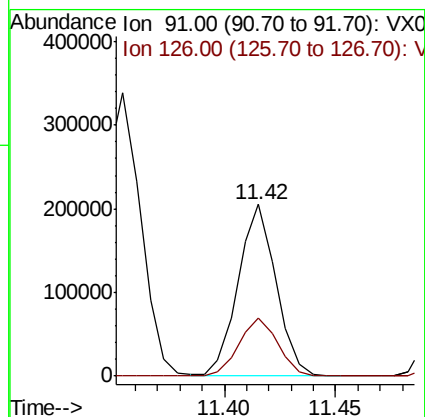
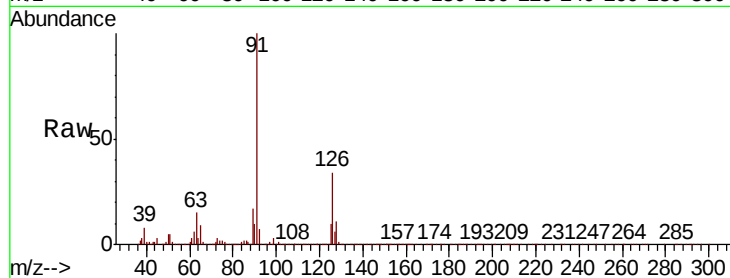
ClientSampleId :

Tot Ion: 91 Resp: 245013

Ion Ratio Lower Upper

91 100

126 34.5 0.0 70.8



#76

1,3,5-Trimethylbenzene

Concen: 19.601 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX014815.D

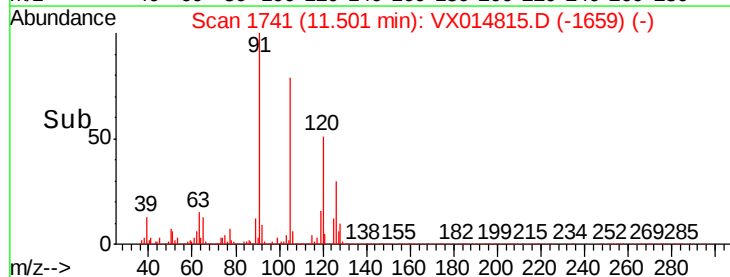
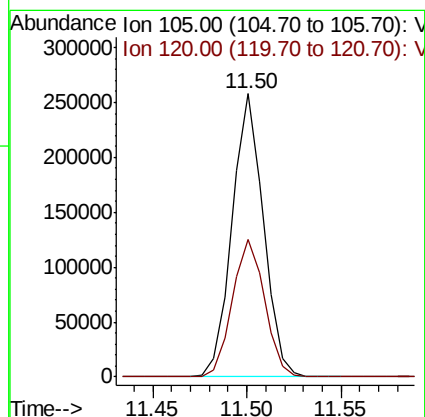
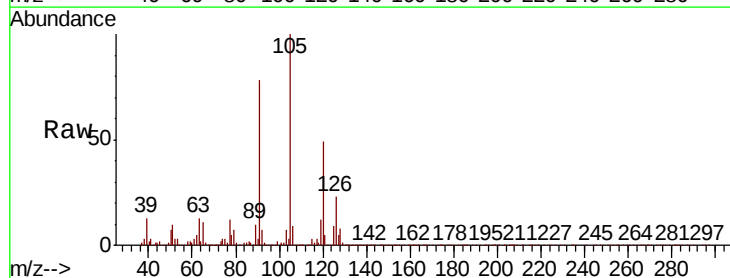
Acq: 05 Feb 2020 12:13

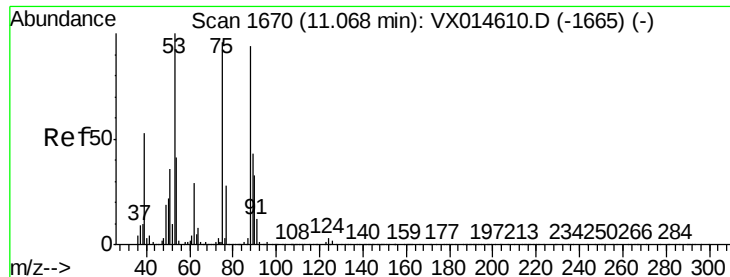
Tgt Ion: 105 Resp: 296172

Ion Ratio Lower Upper

105 100

120 50.1 0.0 100.6





#77

t-1,4-Dichloro-2-butene

Concen: 18.620 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX014815.D

Acq: 05 Feb 2020 12:13

Instrument :

MSVOA_X

ClientSampleId :

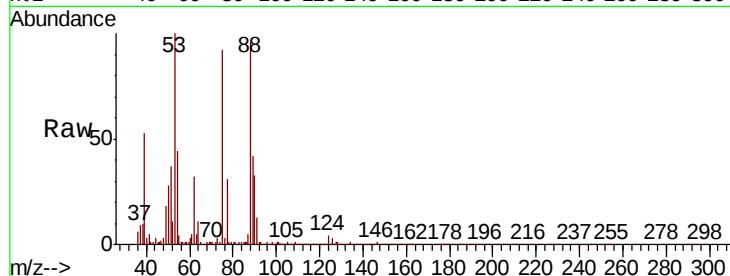
Tot Ion: 75 Resp: 37443

Ion Ratio Lower Upper

75 100

53 108.6 54.4 163.1

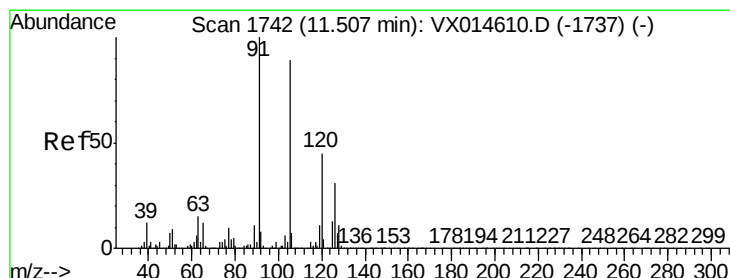
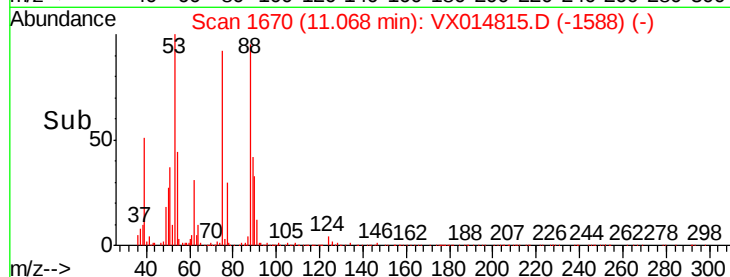
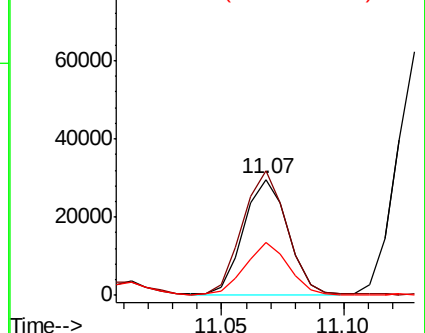
89 45.6 21.9 65.5



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: 19.551 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX014815.D

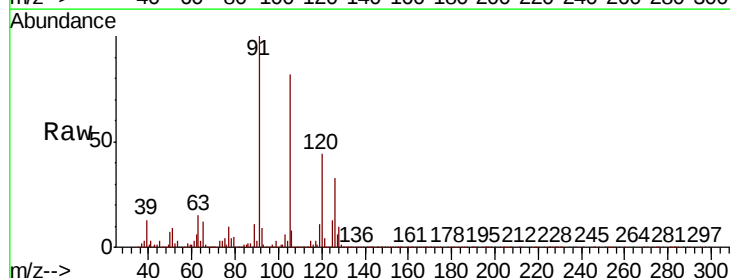
Acq: 05 Feb 2020 12:13

Tgt Ion: 91 Resp: 275738

Ion Ratio Lower Upper

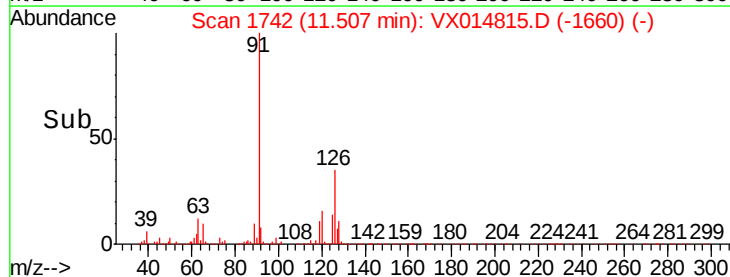
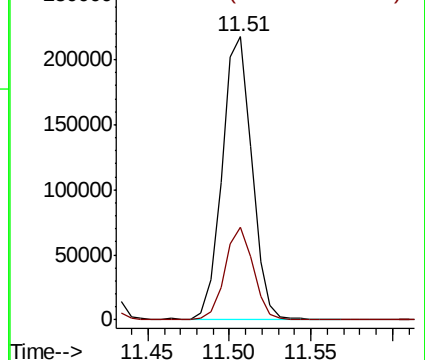
91 100

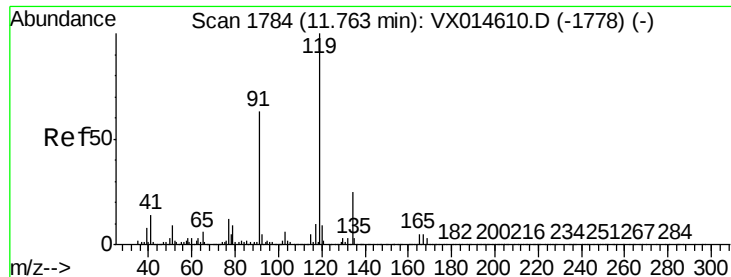
126 31.0 0.0 59.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V





#79

tert-butylbenzene

Concen: 18.703 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX014815.D

Acq: 05 Feb 2020 12:13

Instrument :

MSVOA_X

ClientSampleId :

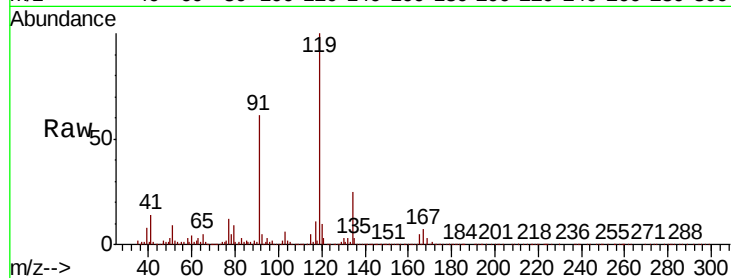
Tot Ion:119 Resp: 264435

Ion Ratio Lower Upper

119 100

91 60.1 0.0 112.6

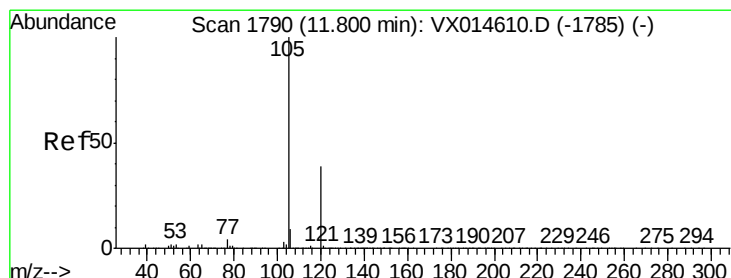
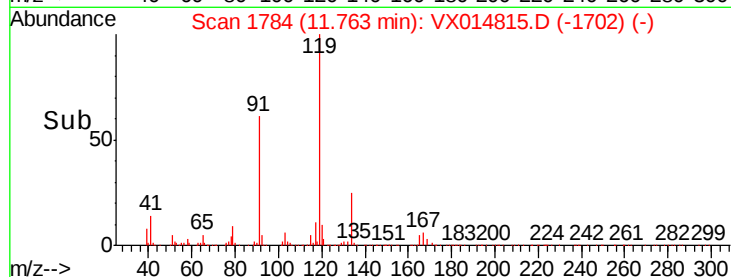
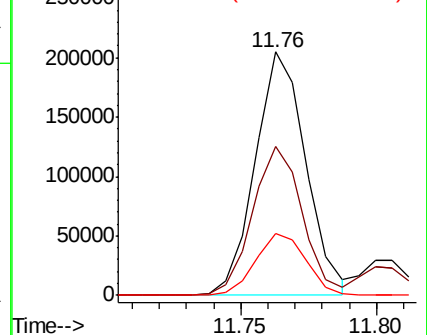
134 25.2 0.0 49.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 19.870 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.01 min

Lab File: VX014815.D

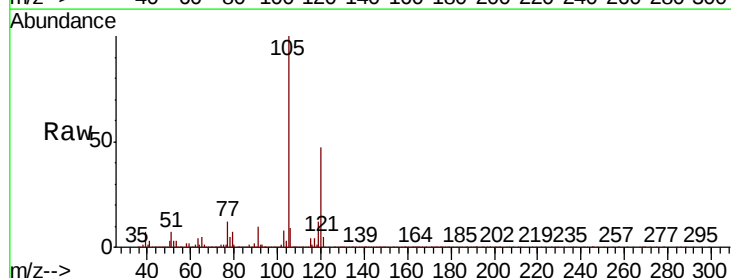
Acq: 05 Feb 2020 12:13

Tgt Ion:105 Resp: 299452

Ion Ratio Lower Upper

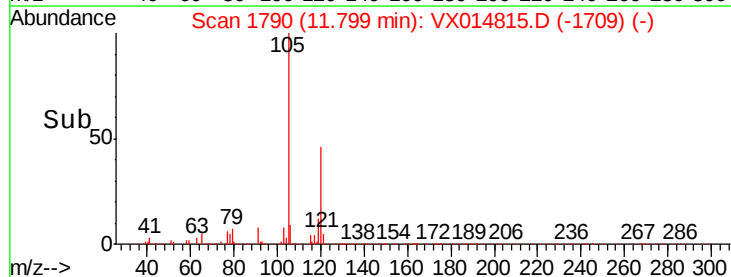
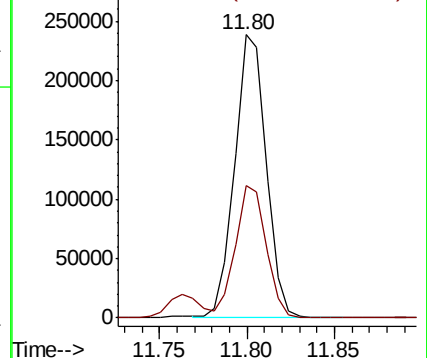
105 100

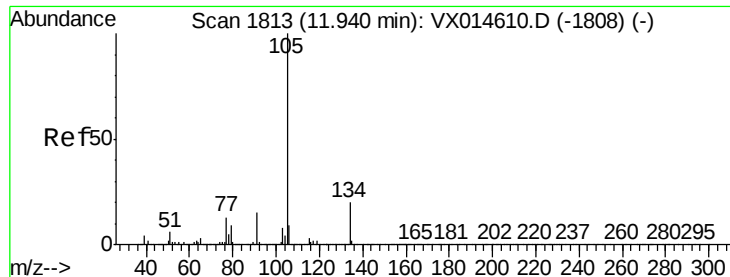
120 45.4 0.0 92.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

sec-Butylbenzene

Concen: 18.732 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX014815.D

Acq: 05 Feb 2020 12:13

Instrument :

MSVOA_X

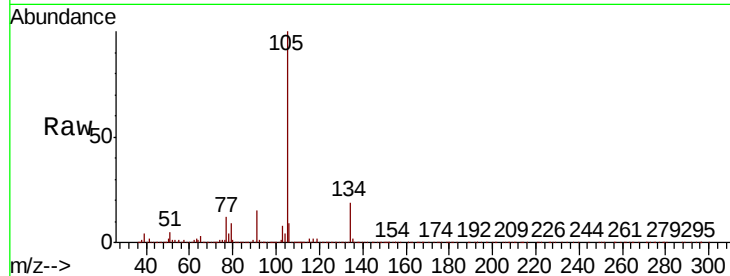
ClientSampleId :

Tot Ion:105 Resp: 327717

Ion Ratio Lower Upper

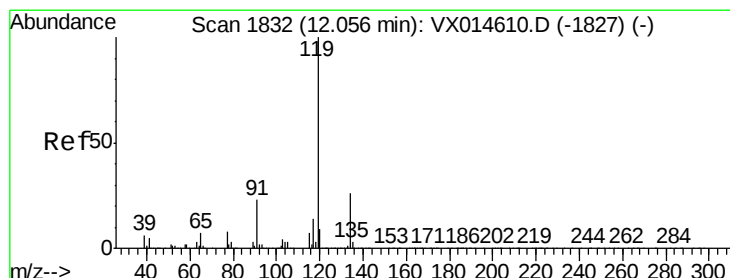
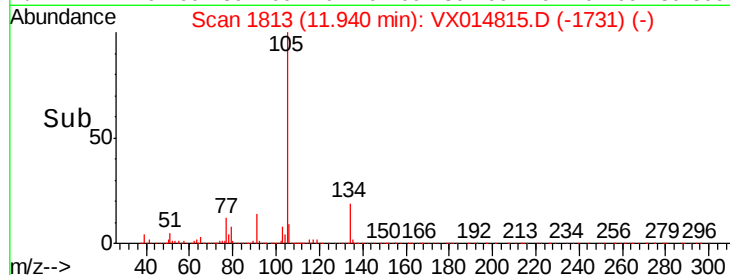
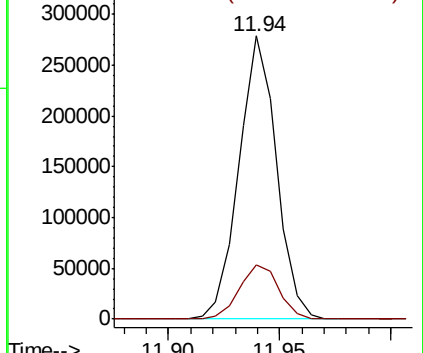
105 100

134 20.5 0.0 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 18.675 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014815.D

Acq: 05 Feb 2020 12:13

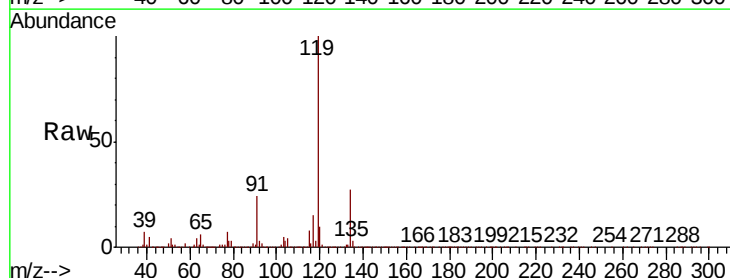
Tgt Ion:119 Resp: 298262

Ion Ratio Lower Upper

119 100

134 27.2 0.0 53.8

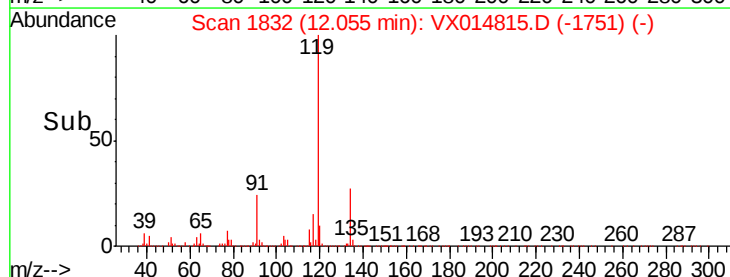
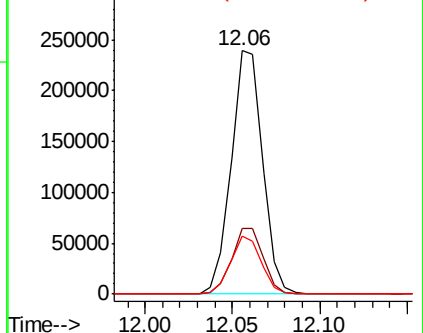
91 22.9 0.0 45.0

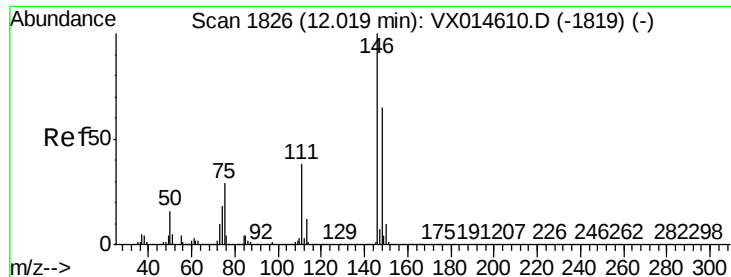


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#83

1,3-Dichlorobenzene

Concen: 19.942 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX014815.D

Acq: 05 Feb 2020 12:13

Instrument :

MSVOA_X

ClientSampled :

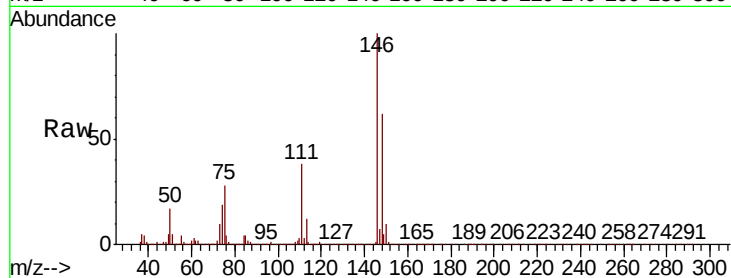
Tot Ion:146 Resp: 167381

Ion Ratio Lower Upper

146 100

111 37.7 19.3 57.9

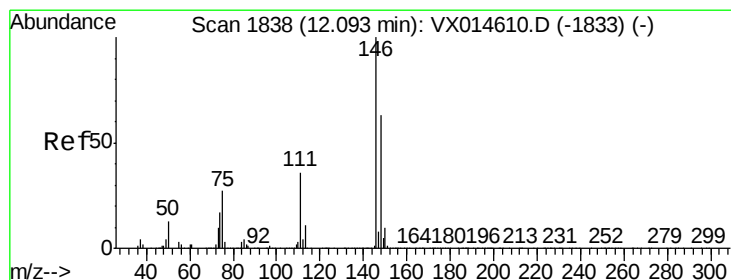
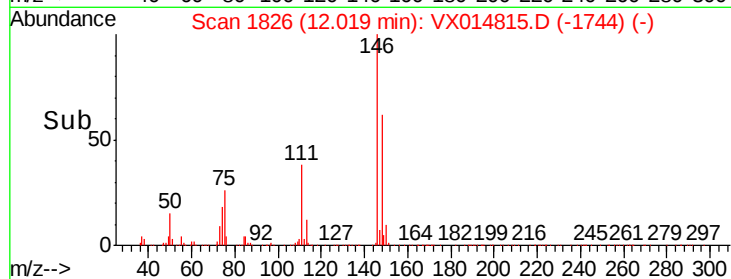
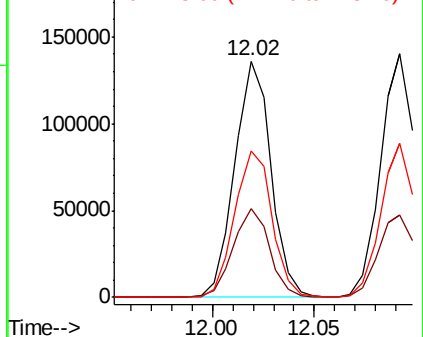
148 64.1 32.2 96.6



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#84

1,4-Dichlorobenzene

Concen: 20.333 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VX014815.D

Acq: 05 Feb 2020 12:13

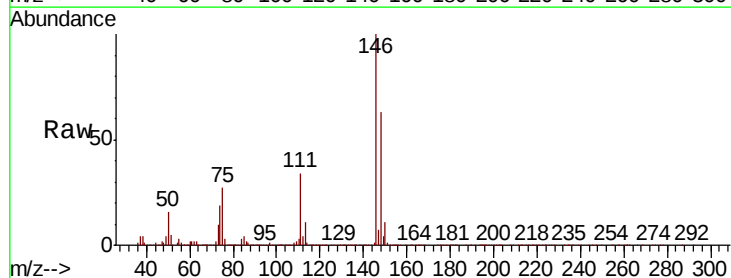
Tgt Ion:146 Resp: 169199

Ion Ratio Lower Upper

146 100

111 35.7 18.4 55.4

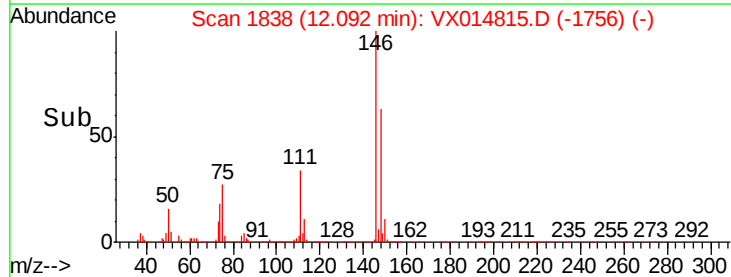
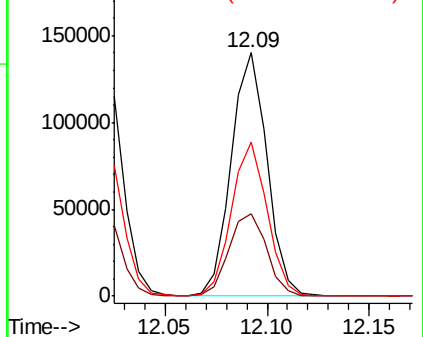
148 63.2 32.0 96.0

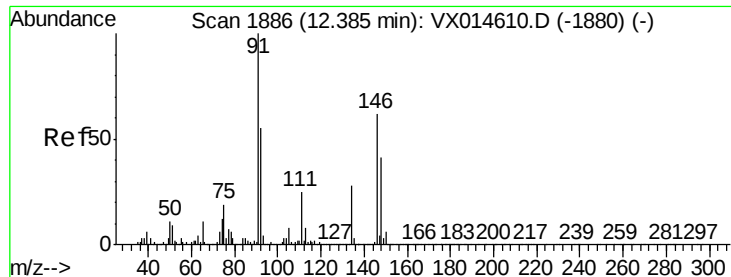


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

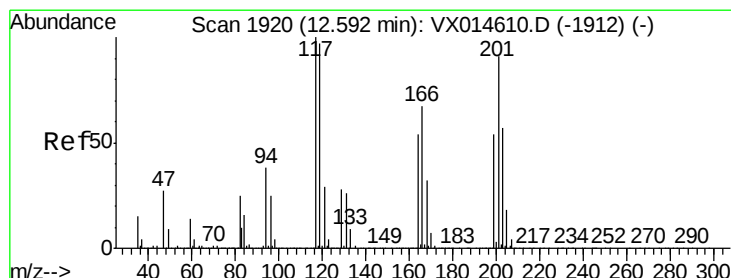
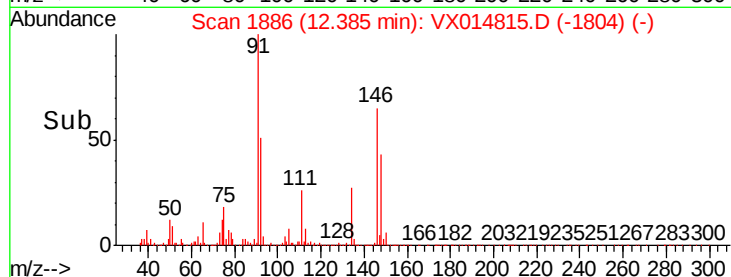
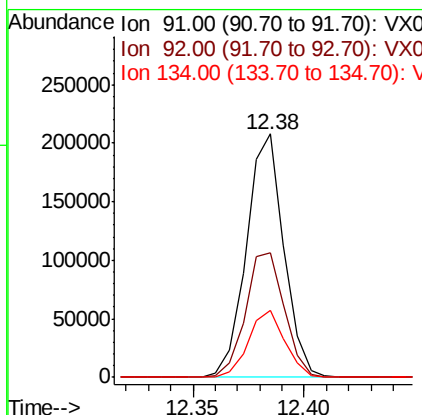
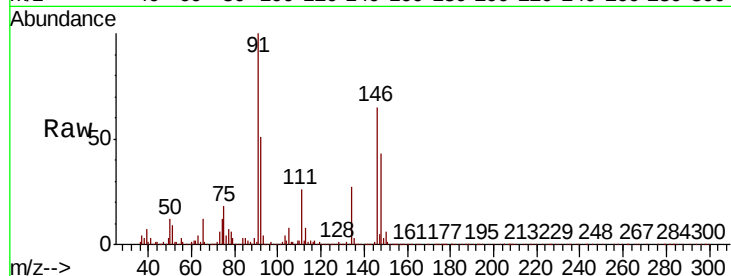




#85
n-Butylbenzene
Concen: 17.421 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX014815.D
Acq: 05 Feb 2020 12:13

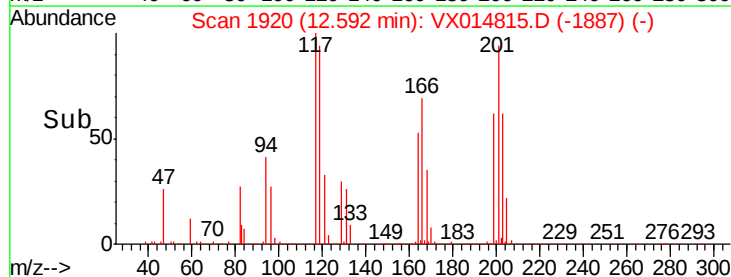
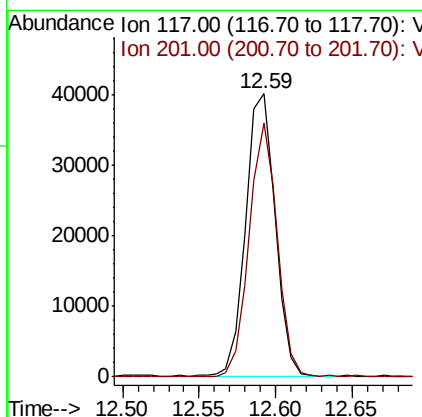
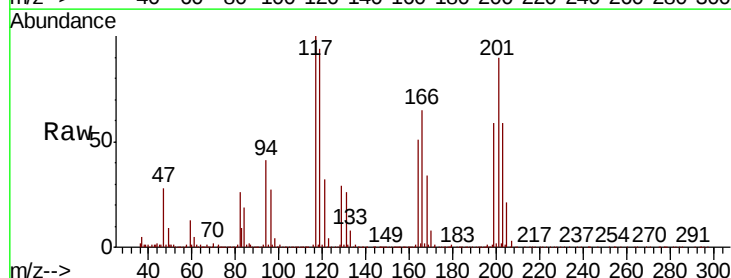
Instrument :
MSVOA_X
ClientSampled :

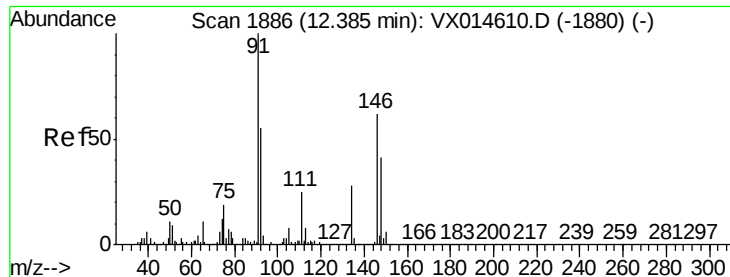
Tot Ion	Ratio	Lower	Upper
91	100		
92	53.4	0.0	109.0
134	26.6	0.0	54.0



#86
Hexachloroethane
Concen: 18.747 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX014815.D
Acq: 05 Feb 2020 12:13

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.5	44.8	134.3

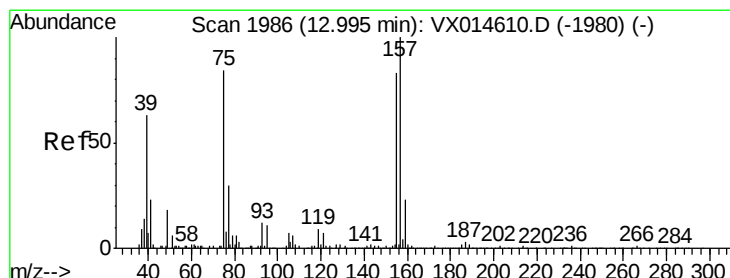
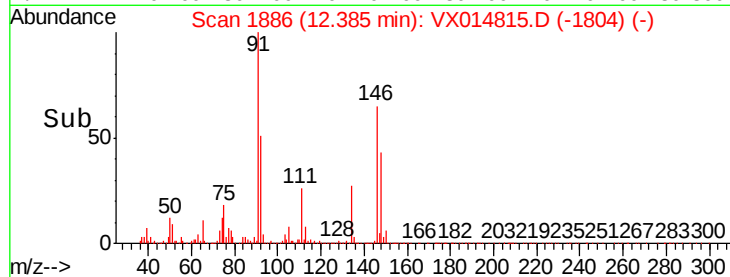
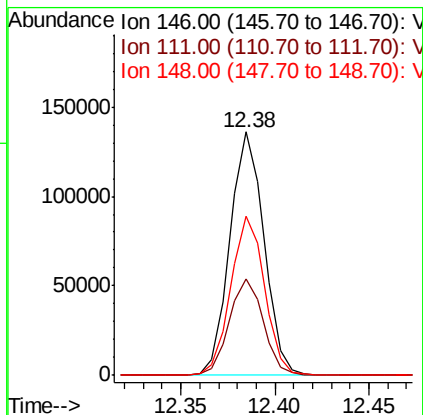
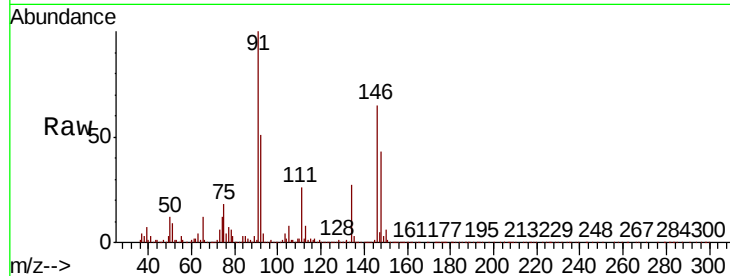




#87
 1,2-Dichlorobenzene
 Concen: 20.096 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX014815.D
 Acq: 05 Feb 2020 12:13

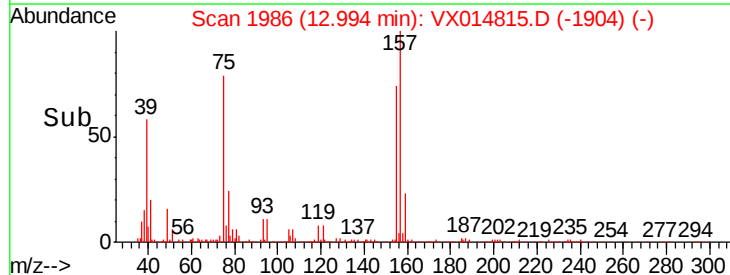
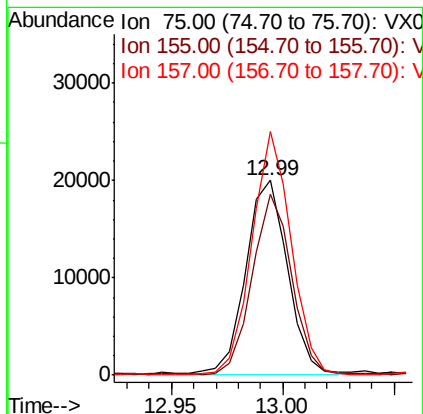
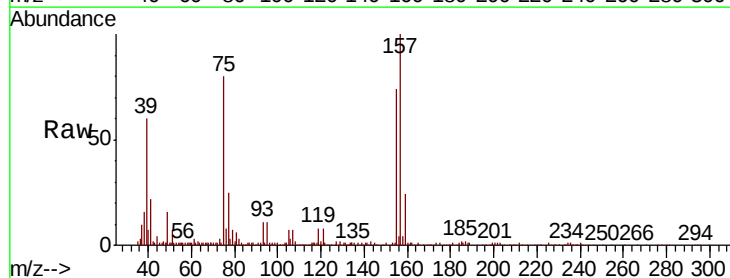
Instrument :
 MSVOA_X
 ClientSampleId :

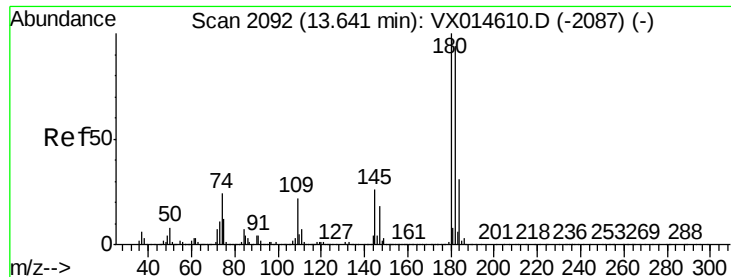
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.1	60.2
148	65.1	32.0	96.2



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.999 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX014815.D
 Acq: 05 Feb 2020 12:13

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.6	73.8	110.6
157	118.4	95.0	142.4

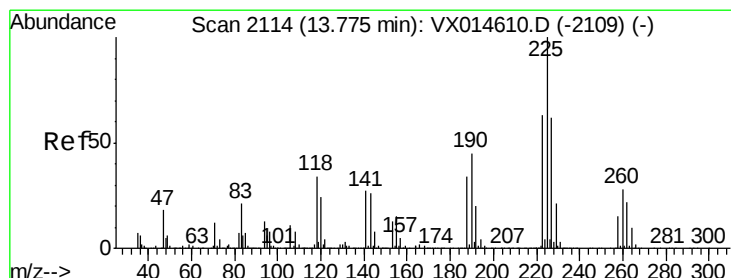
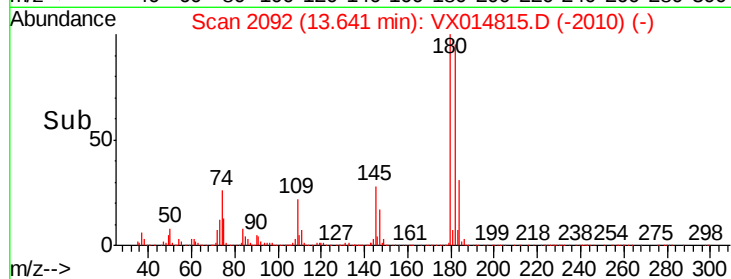
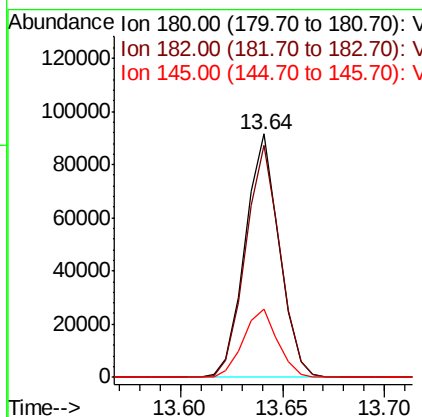
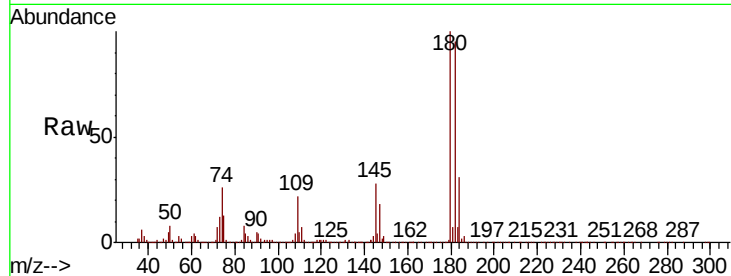




#89
 1,2,4-Trichlorobenzene
 Concen: 19.078 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX014815.D
 Acq: 05 Feb 2020 12:13

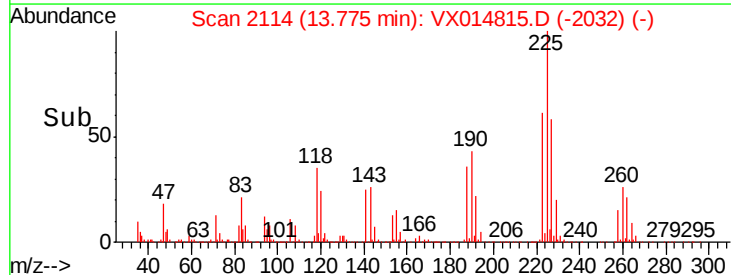
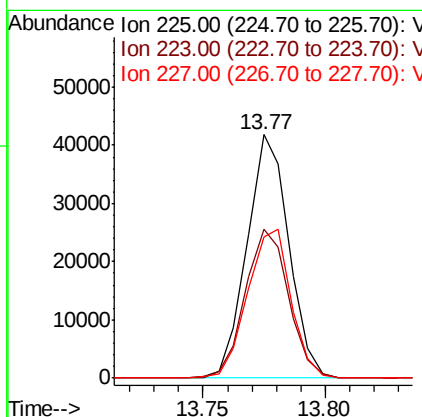
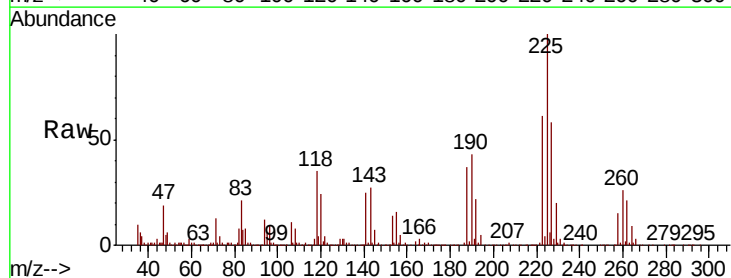
Instrument :
 MSVOA_X
 ClientSampleId :

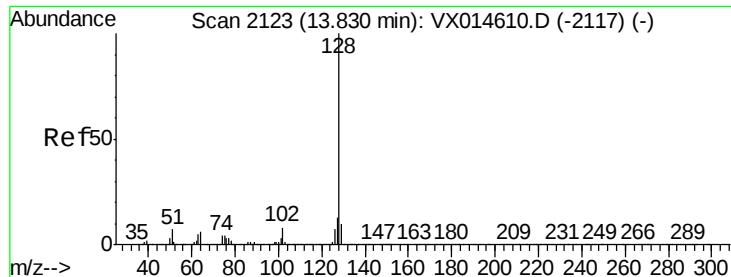
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.4	114.6
145	28.1	21.9	32.9



#90
 Hexachlorobutadiene
 Concen: 17.937 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX014815.D
 Acq: 05 Feb 2020 12:13

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	0.0	127.4
227	63.2	0.0	122.8

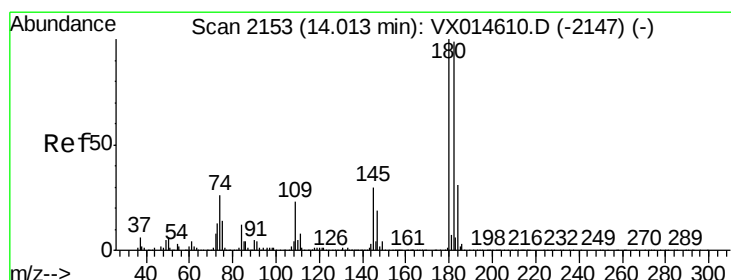
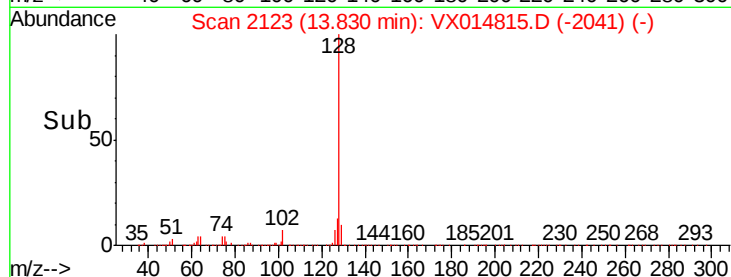
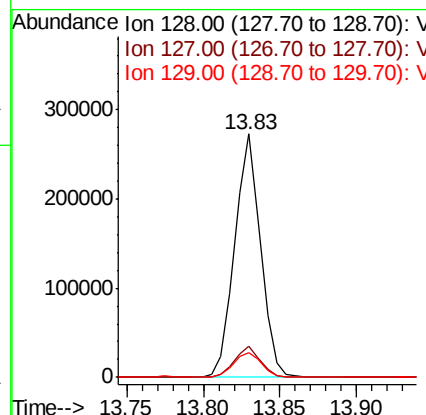
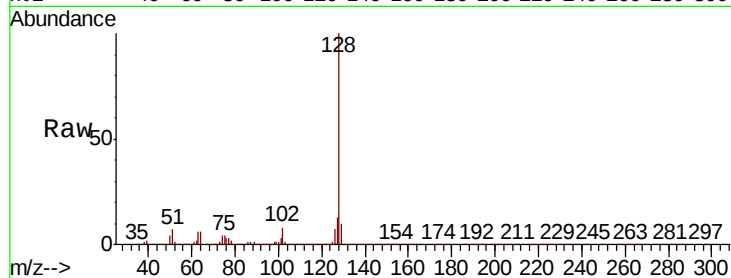




#91
Naphthalene
Concen: 18.929 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX014815.D
Acq: 05 Feb 2020 12:13

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	11.0	8.9	13.3



#92
1,2,3-Trichlorobenzene
Concen: 19.694 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX014815.D
Acq: 05 Feb 2020 12:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	0.0	192.8
145	28.4	0.0	60.0

