

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX010620\
 Data File : VX014436.D
 Acq On : 06 Jan 2020 18:38
 Operator : JC/SP
 Sample : VX0106MBSD01
 Misc : 5.0µ/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 07 04:42:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	503675	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	763272	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	681472	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	333337	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	278495	48.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.58%	
35) Dibromofluoromethane	5.48	113	231400	49.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.74%	
50) Toluene-d8	8.71	98	873204	48.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.68%	
62) 4-Bromofluorobenzene	11.13	95	315011	47.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	65522	14.541	ug/l	97
3) Chloromethane	1.32	50	91781	15.178	ug/l	98
4) Vinyl Chloride	1.40	62	101882	15.967	ug/l	98
5) Bromomethane	1.63	94	74988	16.558	ug/l	98
6) Chloroethane	1.72	64	71006	18.030	ug/l	94
7) Trichlorofluoromethane	1.92	101	138933	17.589	ug/l	100
8) Diethyl Ether	2.18	74	65919	17.782	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	84223	17.689	ug/l	97
10) Methyl Iodide	2.50	142	111335	19.422	ug/l	99
11) Tert butyl alcohol	3.03	59	116658	94.577	ug/l	98
12) 1,1-Dichloroethene	2.37	96	82201	16.966	ug/l	100
13) Acrolein	2.28	56	52083	73.764	ug/l	98
14) Allyl chloride	2.72	41	147706	17.074	ug/l	99
15) Acrylonitrile	3.13	53	270378	93.914	ug/l	99
16) Acetone	2.43	43	244021	65.845	ug/l	98
17) Carbon Disulfide	2.56	76	185601	14.342	ug/l	99
18) Methyl Acetate	2.76	43	144953	19.739	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	308135	19.354	ug/l	97
20) Methylene Chloride	2.85	84	106955	18.327	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	88567	16.593	ug/l	97
22) Diisopropyl ether	3.84	45	329057	19.088	ug/l	98
23) Vinyl Acetate	3.80	43	1286196	91.429	ug/l	100
24) 1,1-Dichloroethane	3.69	63	173059	18.044	ug/l	99
25) 2-Butanone	4.66	43	380386	83.252	ug/l	100
26) 2,2-Dichloropropane	4.57	77	132831	17.838	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	108378	17.953	ug/l	94
28) Bromochloromethane	5.01	49	69608	19.154	ug/l	98
29) Tetrahydrofuran	5.12	42	240298	94.028	ug/l	98
30) Chloroform	5.20	83	170414	18.743	ug/l	97
31) Cyclohexane	5.57	56	141407	16.577	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	144467	18.644	ug/l	99
36) 1,1-Dichloropropene	5.79	75	120530	17.210	ug/l	100
37) Ethyl Acetate	4.82	43	147790	19.110	ug/l	98
38) Carbon Tetrachloride	5.78	117	118461	18.567	ug/l	96

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 Misc : 5.0µL/10mL/100µL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 07 04:42:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	143282	16.569	ug/L	95
40) Benzene	6.14	78	386045	17.915	ug/L	96
41) Methacrylonitrile	5.03	41	82672	19.266	ug/L	99
42) 1,2-Dichloroethane	6.19	62	139811	19.140	ug/L	99
43) Isopropyl Acetate	6.43	43	249761	19.514	ug/L	98
44) Trichloroethene	7.20	130	110720	18.602	ug/L	99
45) 1,2-Dichloropropane	7.51	63	104095	18.847	ug/L	99
46) Dibromomethane	7.65	93	65912	18.050	ug/L	98
47) Bromodichloromethane	7.89	83	129381	18.813	ug/L	95
48) Methyl methacrylate	7.76	41	117545	18.755	ug/L	98
49) 1,4-Dioxane	7.73	88	46163	361.944	ug/L	99
51) 4-Methyl-2-Pentanone	8.64	43	758638	94.381	ug/L	100
52) Toluene	8.78	92	246565	18.103	ug/L	99
53) t-1,3-Dichloropropene	9.04	75	143284	19.001	ug/L	100
54) cis-1,3-Dichloropropene	8.43	75	158985	18.924	ug/L	99
55) 1,1,2-Trichloroethane	9.21	97	105767	19.375	ug/L	98
56) Ethyl methacrylate	9.17	69	166971	19.472	ug/L	99
57) 1,3-Dichloropropane	9.37	76	176116	19.175	ug/L	99
58) 2-Chloroethyl Vinyl ether	8.31	63	316193	97.437	ug/L	98
59) 2-Hexanone	9.48	43	581007	89.791	ug/L	100
60) Dibromochloromethane	9.57	129	108893	20.068	ug/L	99
61) 1,2-Dibromoethane	9.67	107	107041	19.165	ug/L	100
64) Tetrachloroethene	9.33	164	138120	22.905	ug/L	95
65) Chlorobenzene	10.14	112	267322	18.449	ug/L	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	102845	19.879	ug/L	99
67) Ethyl Benzene	10.25	91	459820	18.458	ug/L	100
68) m/p-Xylenes	10.36	106	349061	36.432	ug/L	99
69) o-Xylene	10.70	106	174269	18.546	ug/L	100
70) Styrene	10.71	104	291913	18.371	ug/L	99
71) Bromoform	10.85	173	79843	19.199	ug/L	99
73) Isopropylbenzene	11.01	105	457422	19.490	ug/L	100
74) N-amyl acetate	10.89	43	215247	19.566	ug/L	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	148714	18.277	ug/L	98
76) 1,2,3-Trichloropropane	11.29	75	176395	24.375	ug/L	88
77) Bromobenzene	11.25	156	122417	18.958	ug/L	97
78) n-propylbenzene	11.35	91	500099	18.997	ug/L	98
79) 2-Chlorotoluene	11.42	91	304054	19.001	ug/L	100
80) 1,3,5-Trimethylbenzene	11.50	105	380234	19.250	ug/L	99
81) trans-1,4-Dichloro-2-buten	11.07	75	48436	18.891	ug/L	95
82) 4-Chlorotoluene	11.51	91	346462	18.665	ug/L	99
83) tert-Butylbenzene	11.76	119	351038	18.262	ug/L	98
84) 1,2,4-Trimethylbenzene	11.80	105	382133	19.319	ug/L	100
85) sec-Butylbenzene	11.94	105	440809	19.426	ug/L	100
86) p-Isopropyltoluene	12.06	119	398582	19.202	ug/L	100
87) 1,3-Dichlorobenzene	12.02	146	210073	18.562	ug/L	99
88) 1,4-Dichlorobenzene	12.09	146	209032	18.165	ug/L	99
89) n-Butylbenzene	12.39	91	328290	18.535	ug/L	99
90) Hexachloroethane	12.59	117	70096	18.801	ug/L	98
91) 1,2-Dichlorobenzene	12.39	146	214571	18.834	ug/L	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	33476	18.592	ug/L	97

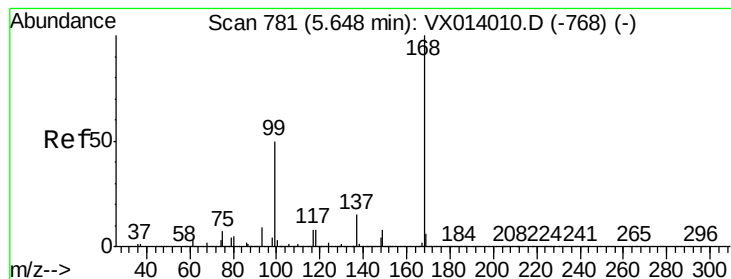
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010620\
Data File : VX014436.D
Acq On : 06 Jan 2020 18:38
Operator : JC/SP
Sample : VX0106MBSD01
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ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jan 07 04:42:34 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	139189	18.798	ug/l	96
94) Hexachlorobutadiene	13.78	225	68119	19.142	ug/l	97
95) Naphthalene	13.83	128	451334	20.746	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	143953	19.694	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX014436.D

Acq: 06 Jan 2020 18:38

Instrument :

MSVOA_X

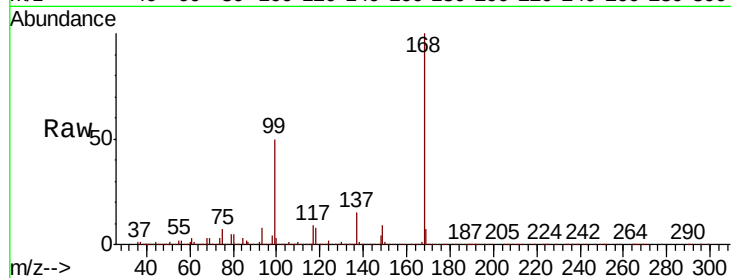
ClientSampled :

Tot Ion:168 Resp: 503675

Ion Ratio Lower Upper

168 100

99 49.5 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

150000

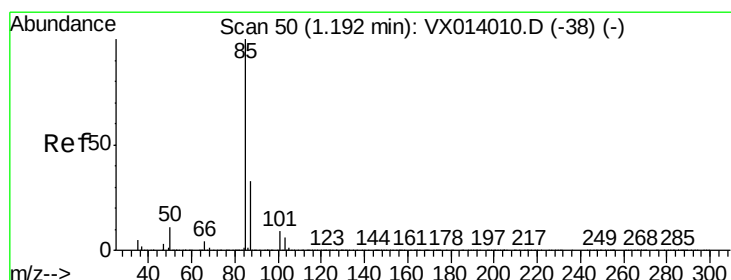
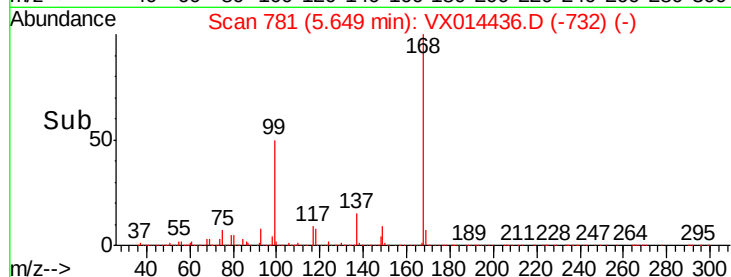
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 14.541 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014436.D

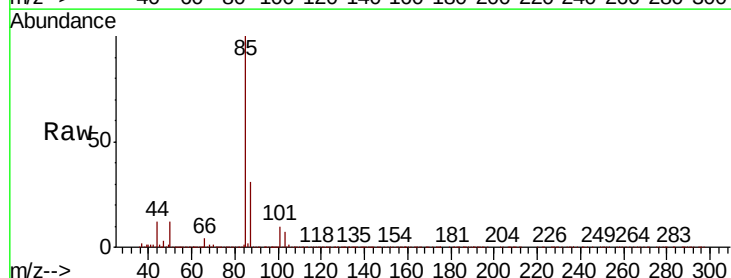
Acq: 06 Jan 2020 18:38

Tgt Ion: 85 Resp: 65522

Ion Ratio Lower Upper

85 100

87 30.8 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

80000

60000

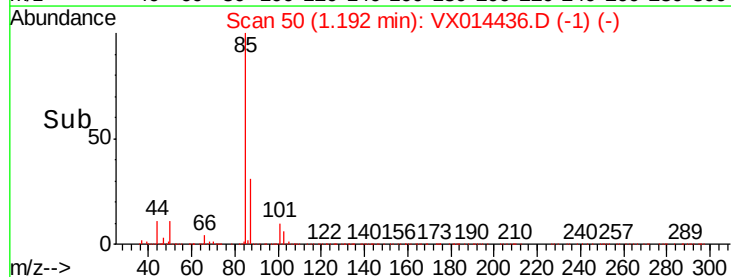
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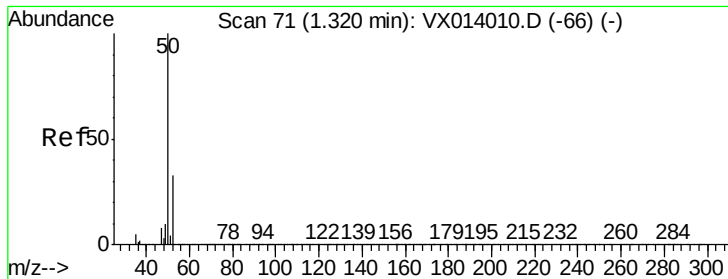
20000

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Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 15.178 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014436.D

Acq: 06 Jan 2020 18:38

Instrument :

MSVOA_X

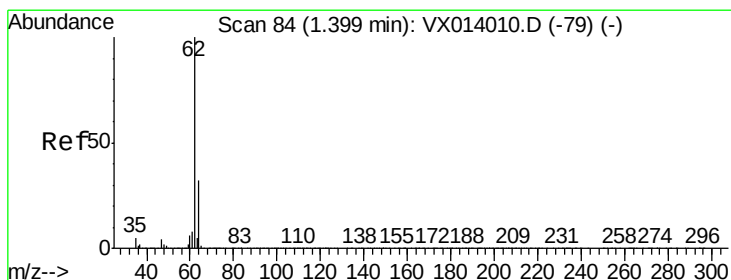
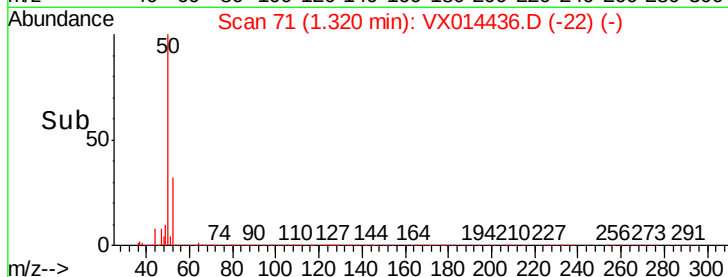
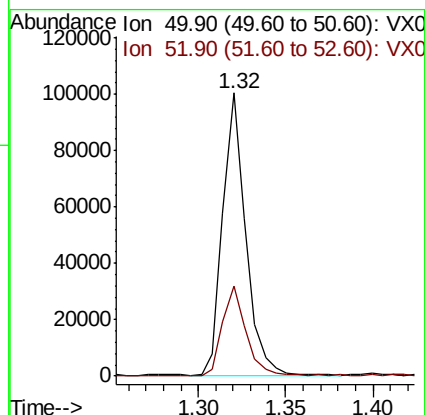
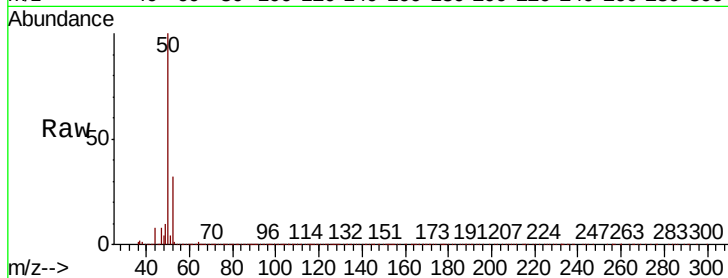
ClientSampleId :

Tot Ion: 50 Resp: 91781

Ion Ratio Lower Upper

50 100

52 31.8 26.2 39.4



#4

Vinyl Chloride

Concen: 15.967 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX014436.D

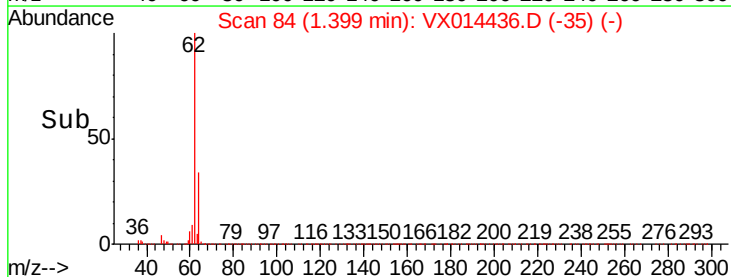
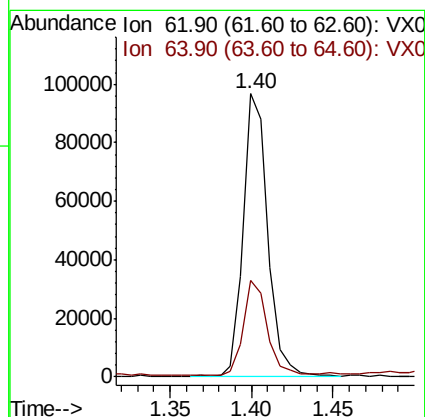
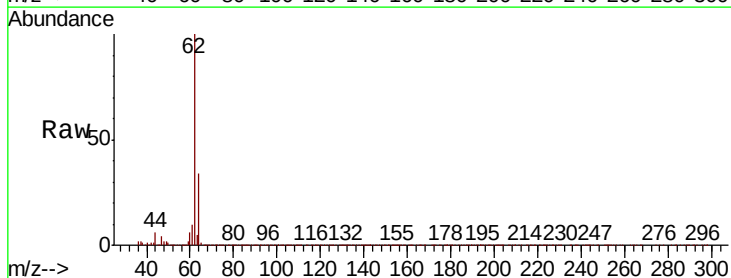
Acq: 06 Jan 2020 18:38

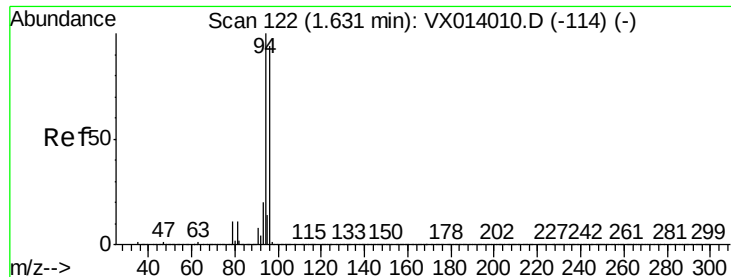
Tgt Ion: 62 Resp: 101882

Ion Ratio Lower Upper

62 100

64 33.4 25.7 38.5





#5

Bromomethane

Concen: 16.558 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014436.D

Acq: 06 Jan 2020 18:38

Instrument :

MSVOA_X

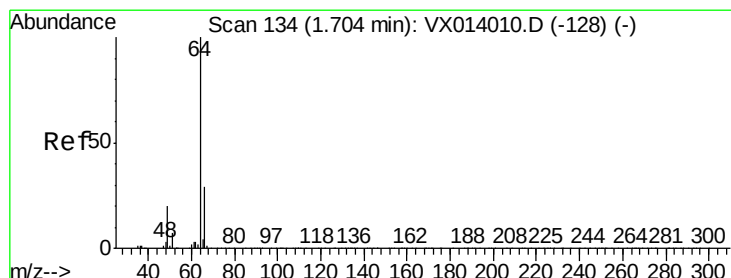
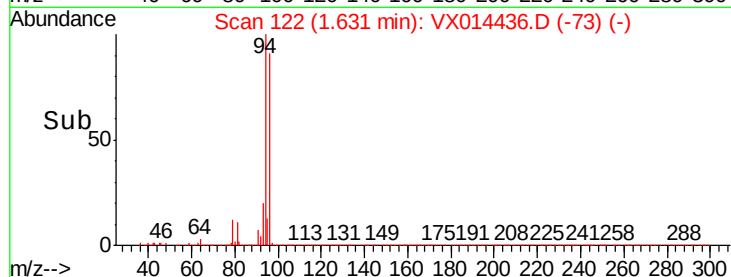
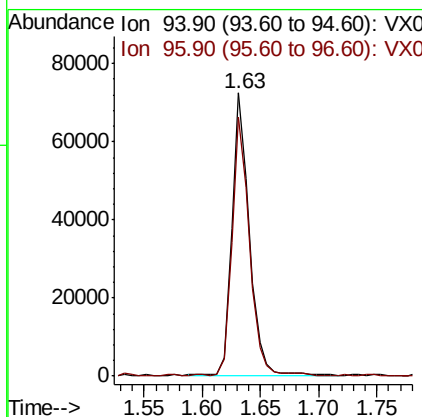
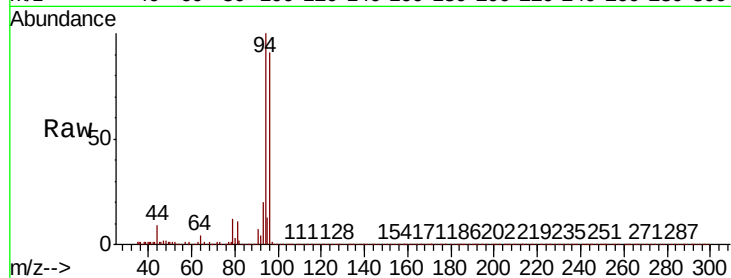
ClientSampleId :

Tot Ion: 94 Resp: 74988

Ion Ratio Lower Upper

94 100

96 91.6 75.2 112.8



#6

Chloroethane

Concen: 18.030 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014436.D

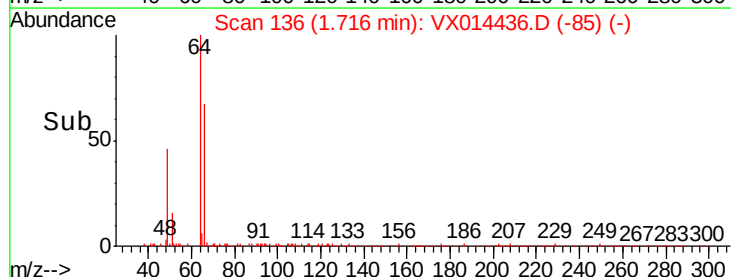
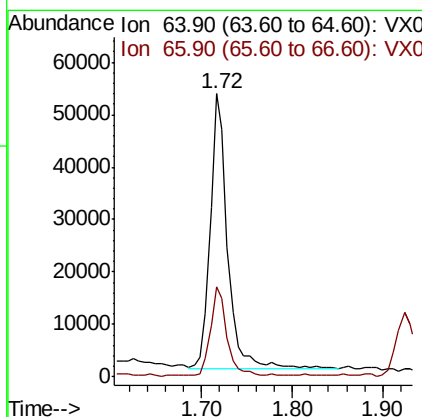
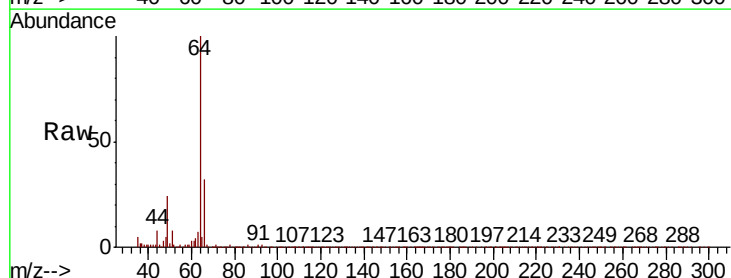
Acq: 06 Jan 2020 18:38

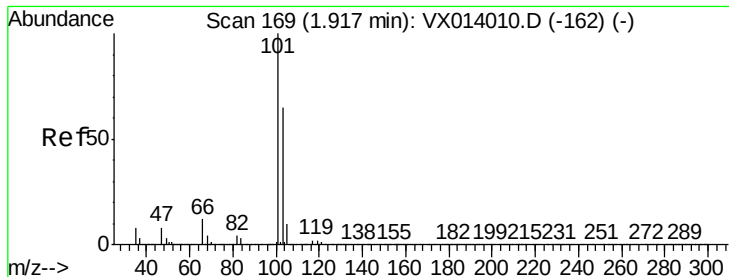
Tgt Ion: 64 Resp: 71006

Ion Ratio Lower Upper

64 100

66 32.5 23.4 35.2



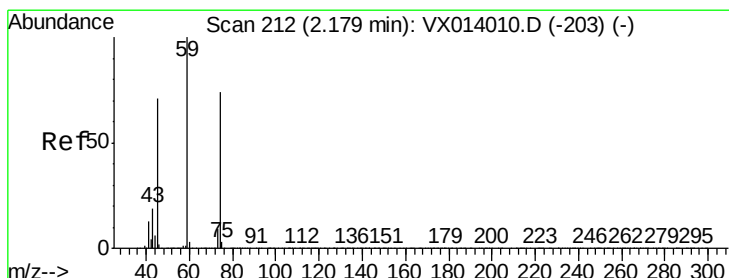
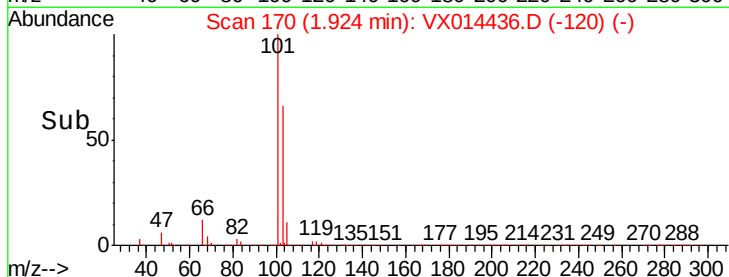
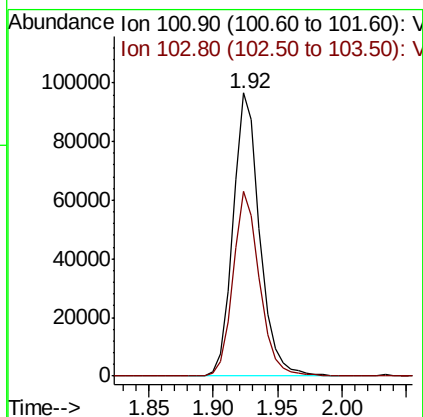
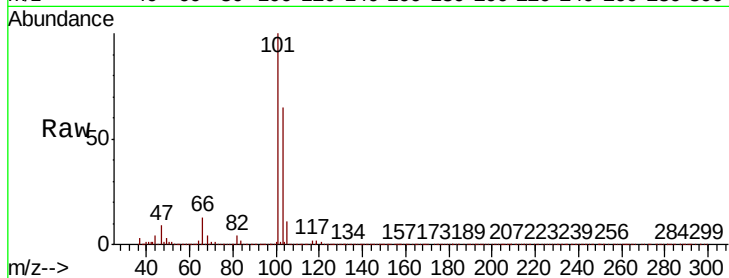


#7

Trichlorofluoromethane
Concen: 17.589 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014436.D
Acq: 06 Jan 2020 18:38

Instrument :
MSVOA_X
ClientSampled :

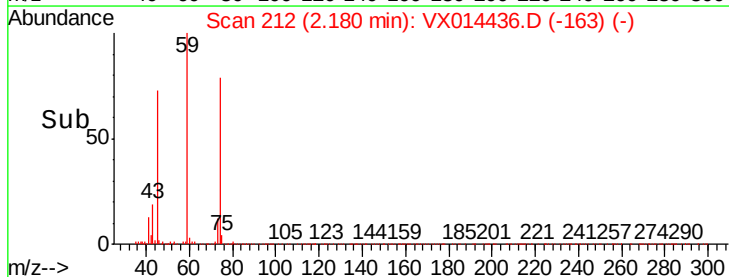
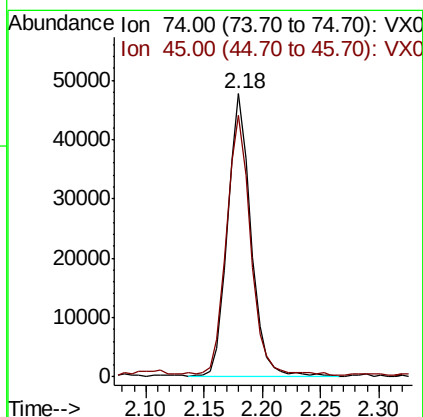
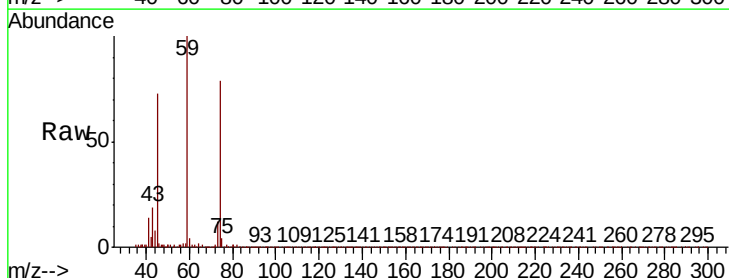
Tot Ion:101 Resp: 138933
Ion Ratio Lower Upper
101 100
103 65.3 52.2 78.4

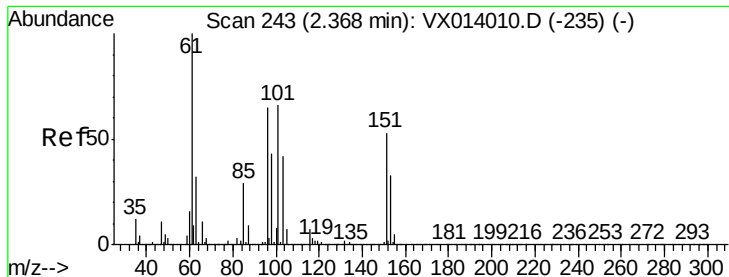


#8

Diethyl Ether
Concen: 17.782 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014436.D
Acq: 06 Jan 2020 18:38

Tgt Ion: 74 Resp: 65919
Ion Ratio Lower Upper
74 100
45 95.3 48.1 144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.689 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014436.D

Acq: 06 Jan 2020 18:38

Instrument :

MSVOA_X

ClientSampleId :

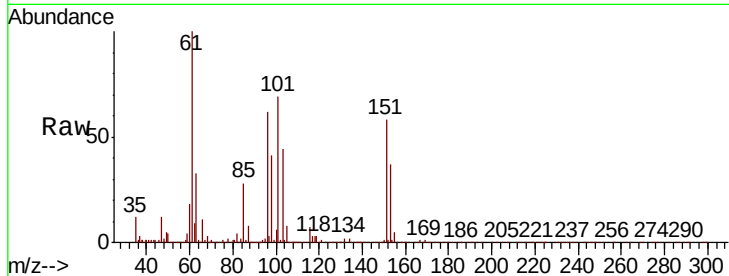
Tot Ion:101 Resp: 84223

Ion Ratio Lower Upper

101 100

85 41.6 33.7 50.5

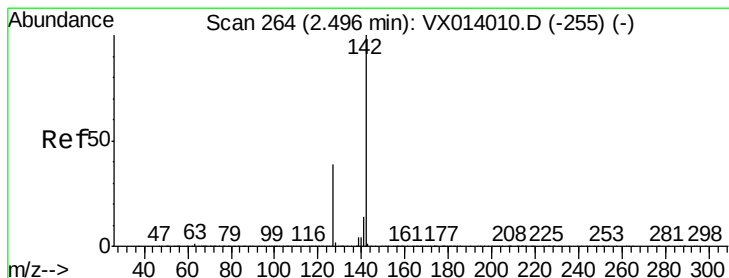
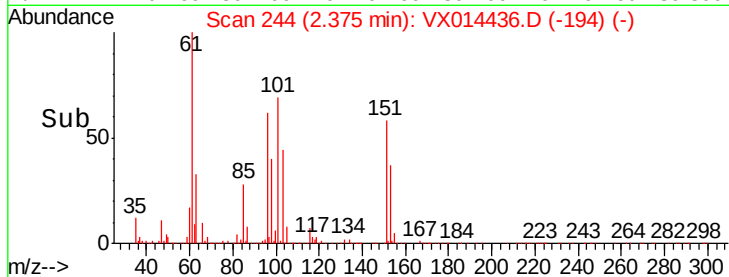
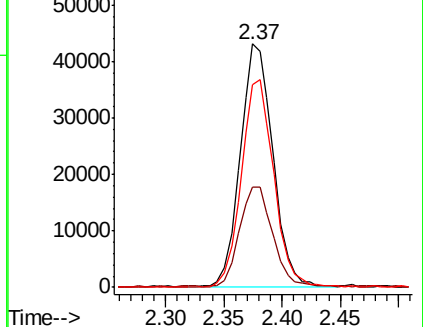
151 84.5 64.5 96.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.422 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX014436.D

Acq: 06 Jan 2020 18:38

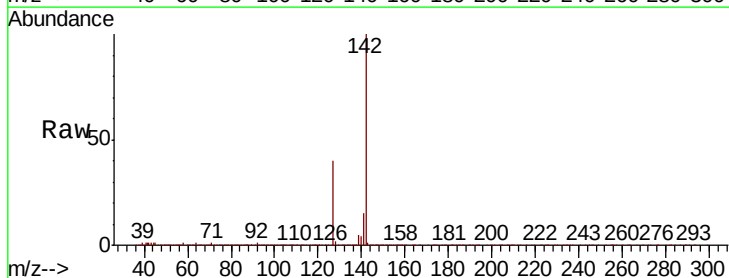
Tgt Ion:142 Resp: 111335

Ion Ratio Lower Upper

142 100

127 39.5 31.6 47.4

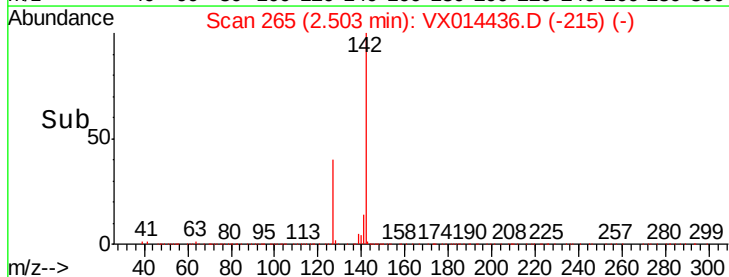
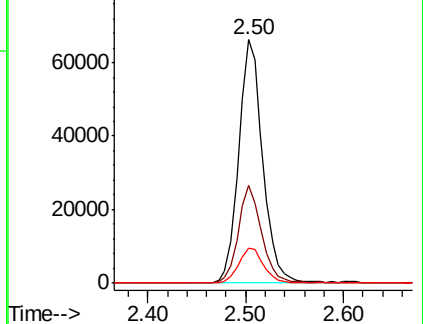
141 15.3 11.6 17.4

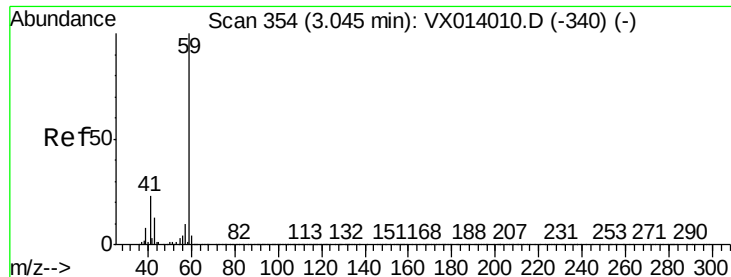


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

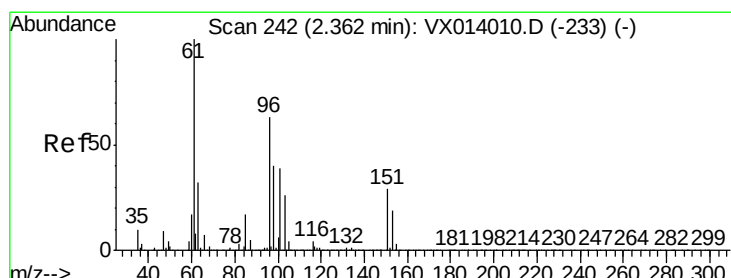
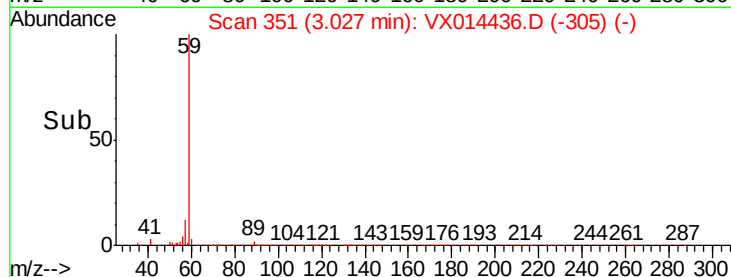
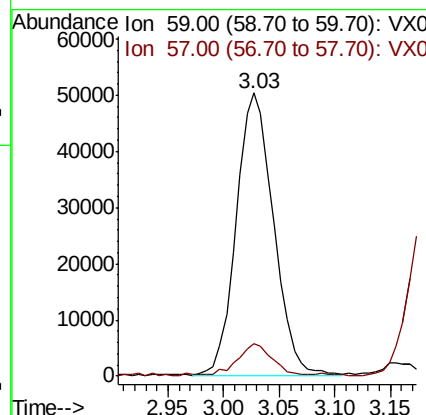
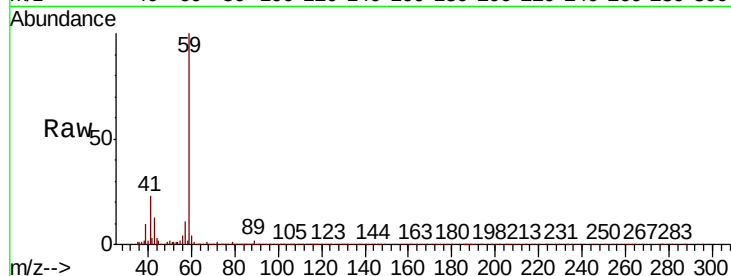




#11
Tert butyl alcohol
Concen: 94.577 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.02 min
Lab File: VX014436.D
Acq: 06 Jan 2020 18:38

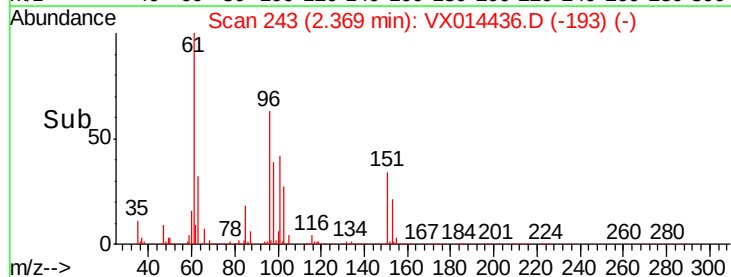
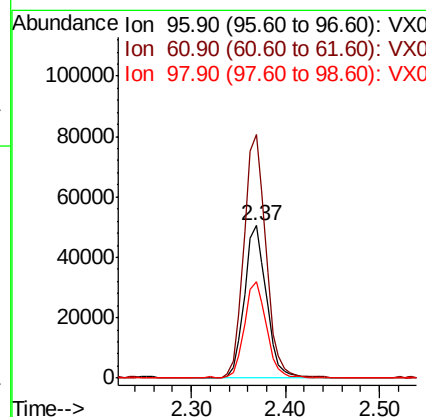
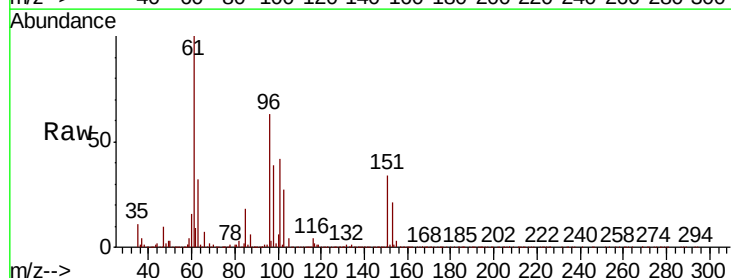
Instrument :
MSVOA_X
ClientSampled :

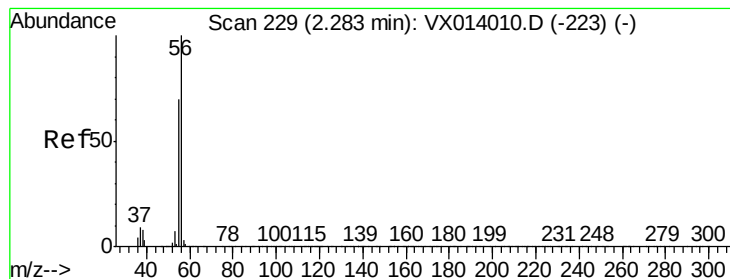
Tot Ion: 59 Resp: 116658
Ion Ratio Lower Upper
59 100
57 9.6 8.4 12.6



#12
1,1-Dichloroethene
Concen: 16.966 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX014436.D
Acq: 06 Jan 2020 18:38

Tgt Ion: 96 Resp: 82201
Ion Ratio Lower Upper
96 100
61 159.6 127.9 191.9
98 62.8 50.5 75.7





#13

Acrolein

Concen: 73.764 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014436.D

Acq: 06 Jan 2020 18:38

Instrument :

MSVOA_X

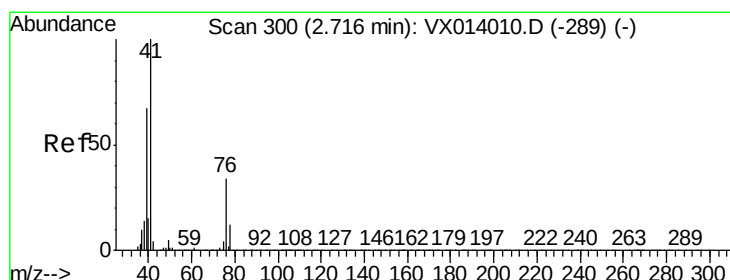
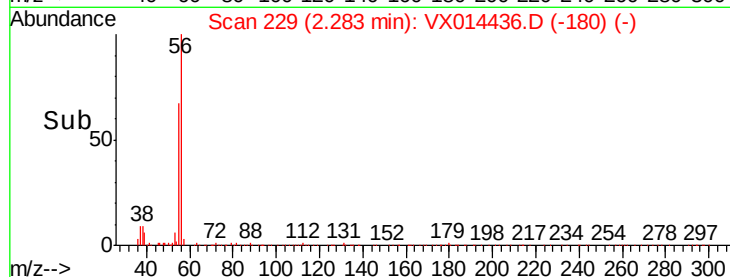
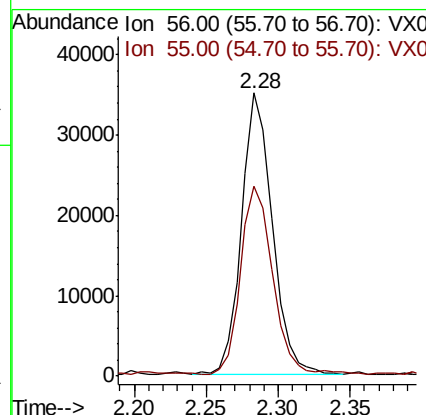
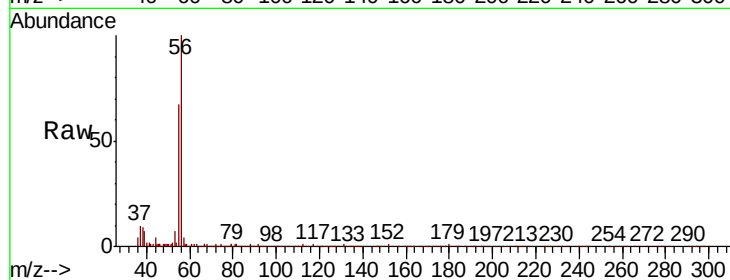
ClientSampleId :

Tot Ion: 56 Resp: 52083

Ion Ratio Lower Upper

56 100

55 69.6 56.9 85.3



#14

Allyl chloride

Concen: 17.074 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.01 min

Lab File: VX014436.D

Acq: 06 Jan 2020 18:38

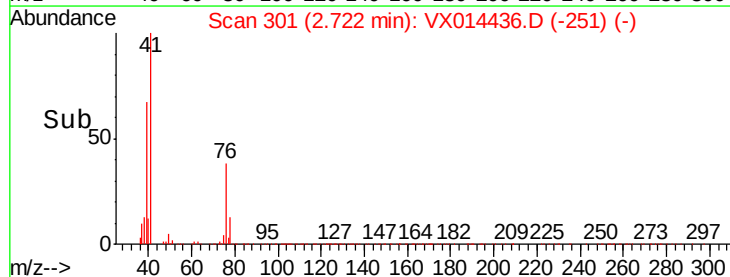
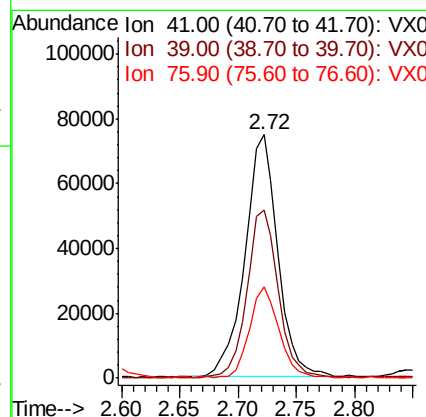
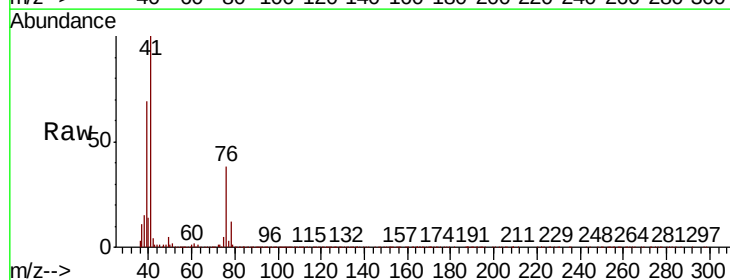
Tgt Ion: 41 Resp: 147706

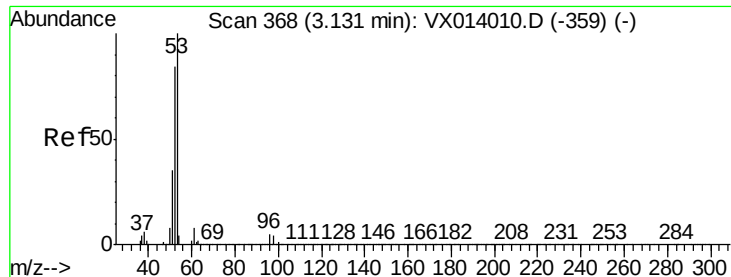
Ion Ratio Lower Upper

41 100

39 65.8 51.8 77.8

76 33.0 25.9 38.9





#15

Acrylonitrile

Concen: 93.914 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014436.D

Acq: 06 Jan 2020 18:38

Instrument :
MSVOA_X
ClientSampleId :

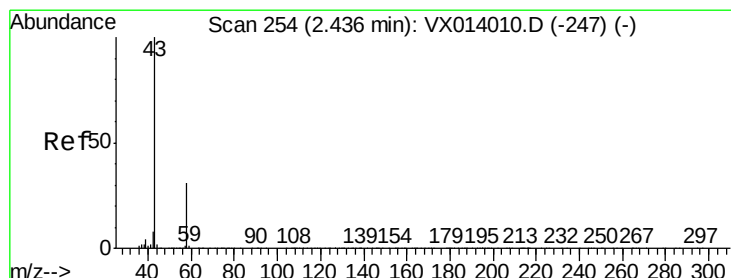
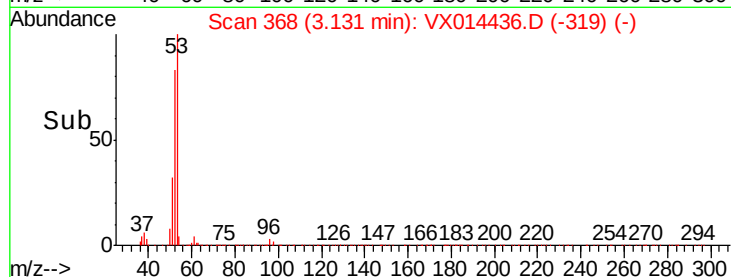
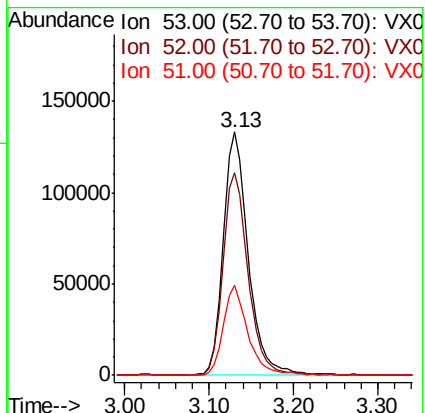
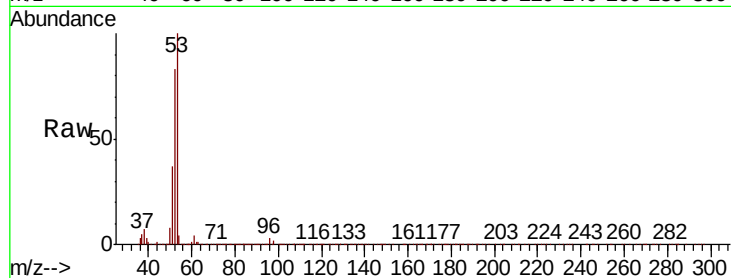
Tot Ion: 53 Resp: 270378

Ion Ratio Lower Upper

53 100

52 83.6 66.5 99.7

51 36.1 28.1 42.1



#16

Acetone

Concen: 65.845 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014436.D

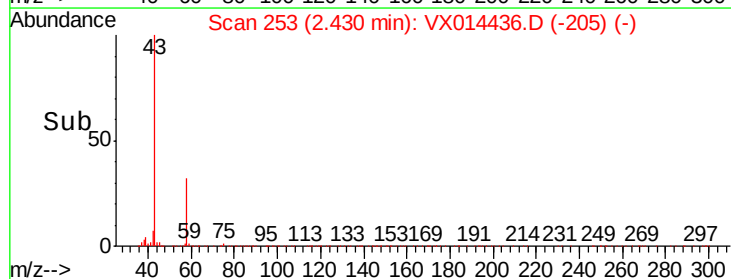
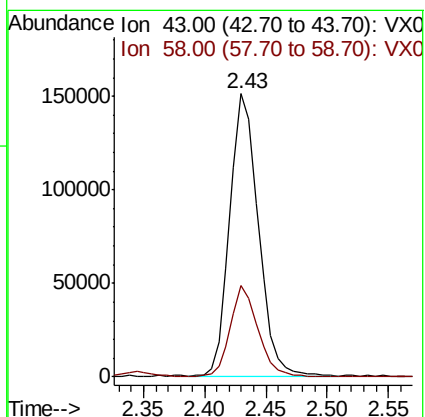
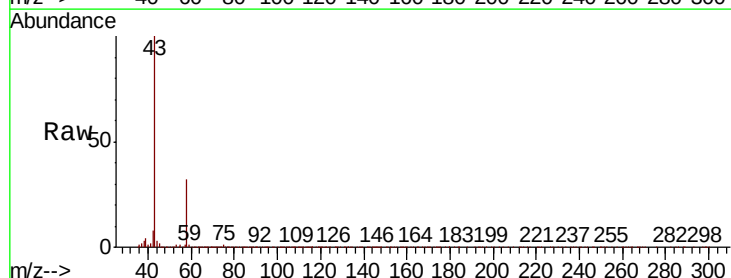
Acq: 06 Jan 2020 18:38

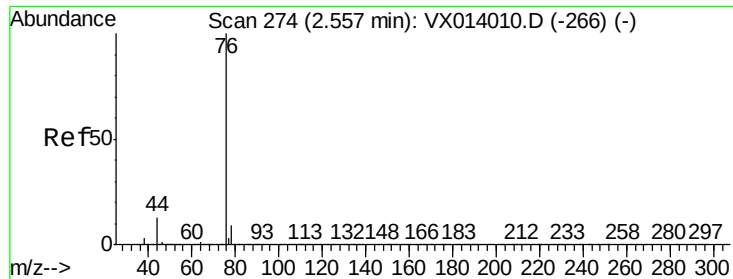
Tgt Ion: 43 Resp: 244021

Ion Ratio Lower Upper

43 100

58 32.1 24.9 37.3





#17

Carbon Disulfide

Concen: 14.342 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014436.D

Acq: 06 Jan 2020 18:38

Instrument :

MSVOA_X

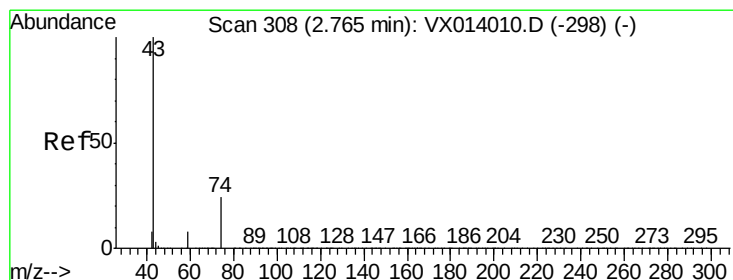
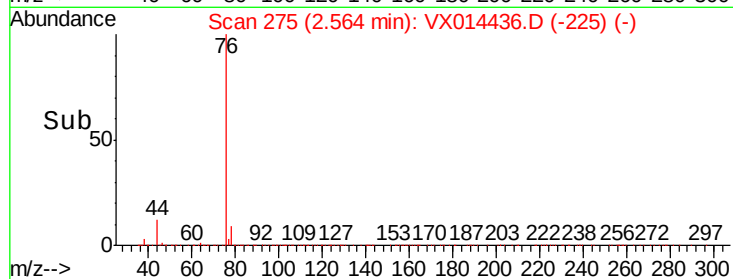
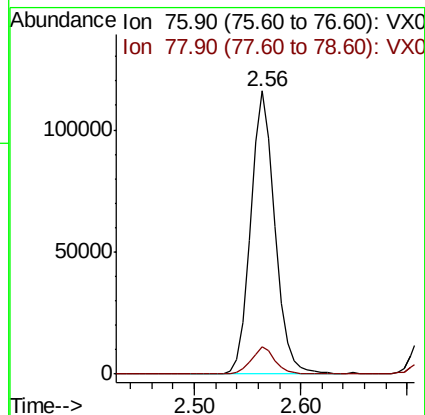
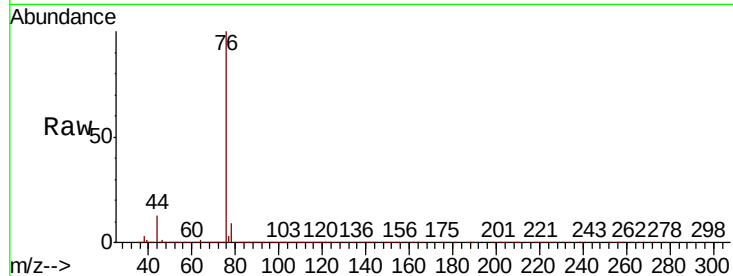
ClientSampleId :

Tot Ion: 76 Resp: 185601

Ion Ratio Lower Upper

76 100

78 9.3 7.2 10.8



#18

Methyl Acetate

Concen: 19.739 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX014436.D

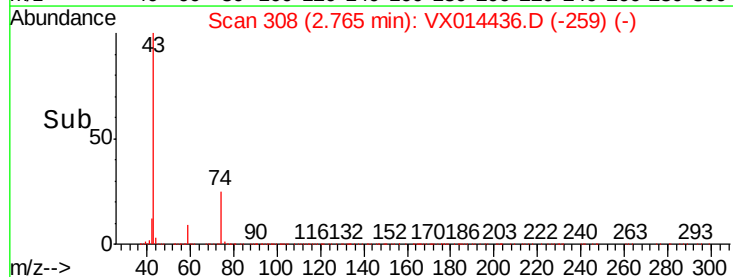
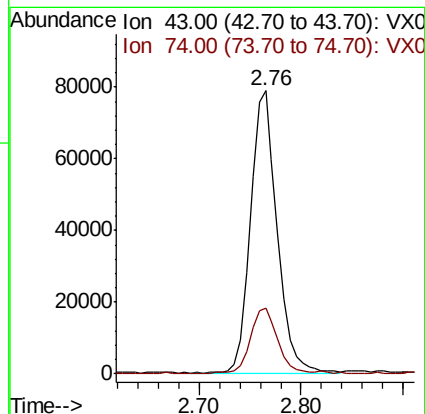
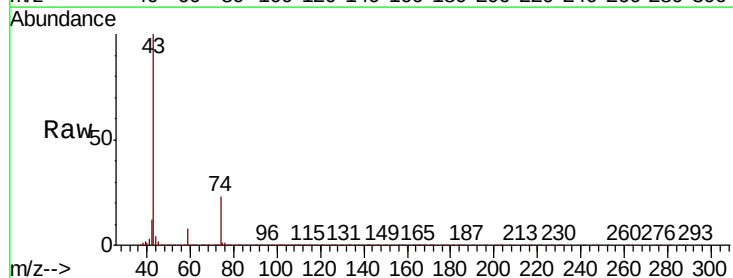
Acq: 06 Jan 2020 18:38

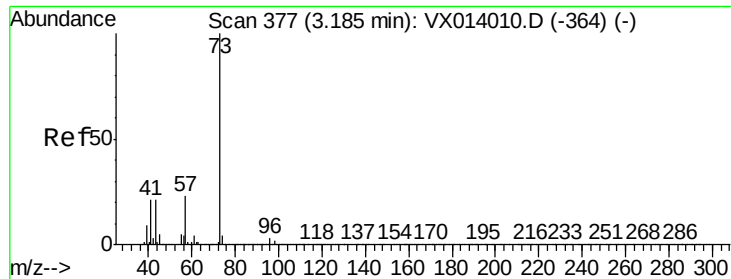
Tgt Ion: 43 Resp: 144953

Ion Ratio Lower Upper

43 100

74 23.8 19.5 29.3

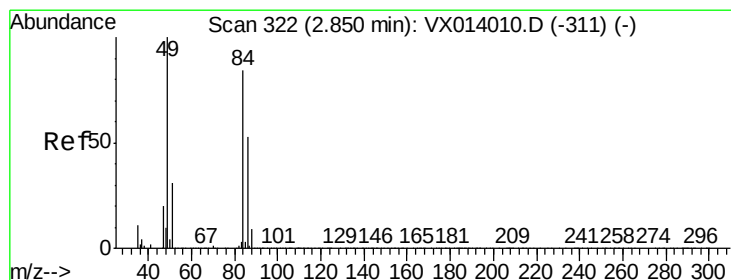
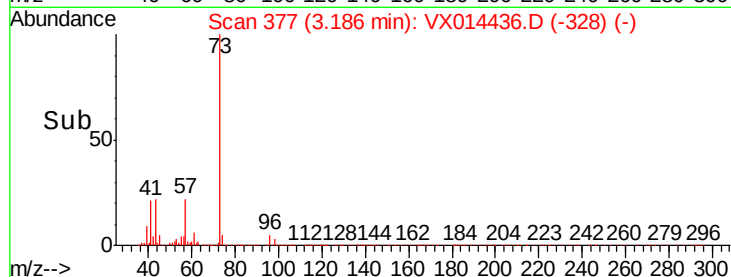
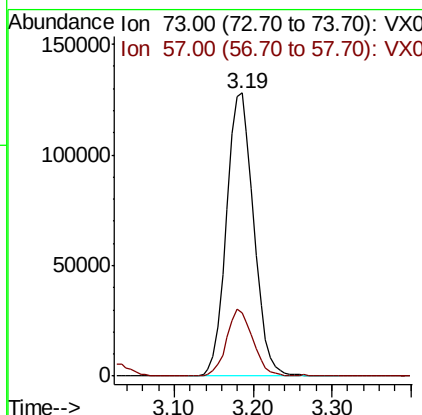
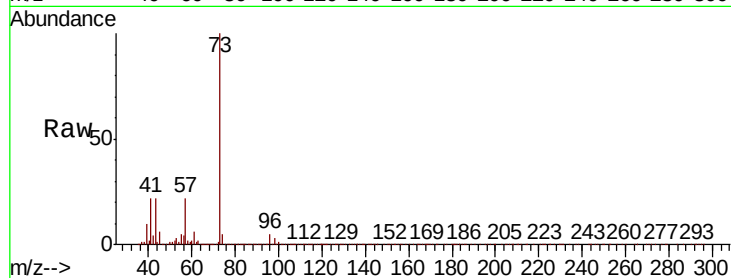




#19
Methyl tert-butyl Ether
Concen: 19.354 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX014436.D
Acq: 06 Jan 2020 18:38

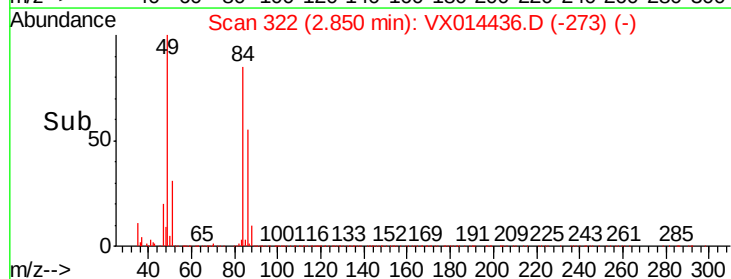
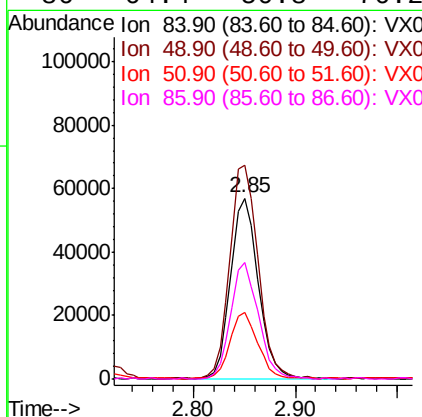
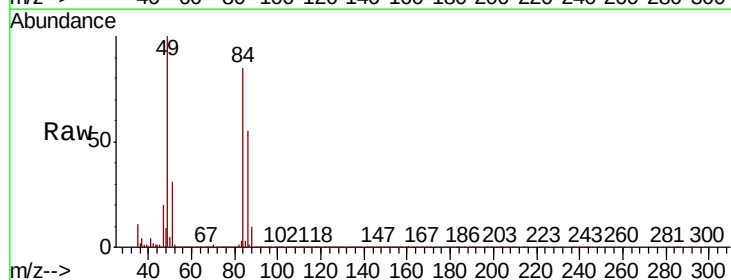
Instrument :
MSVOA_X
ClientSampled :

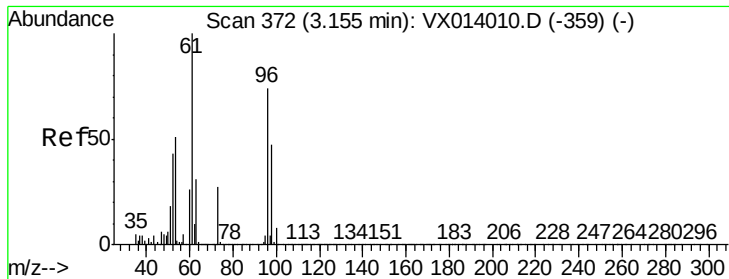
Tot Ion: 73 Resp: 308135
Ion Ratio Lower Upper
73 100
57 22.3 18.8 28.2



#20
Methylene Chloride
Concen: 18.327 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014436.D
Acq: 06 Jan 2020 18:38

Tgt Ion: 84 Resp: 106955
Ion Ratio Lower Upper
84 100
49 118.1 95.8 143.6
51 36.9 29.8 44.8
86 64.4 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 16.593 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014436.D

Acq: 06 Jan 2020 18:38

Instrument :
MSVOA_X
ClientSampleId :

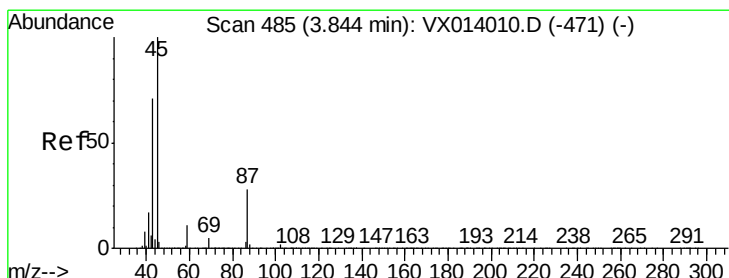
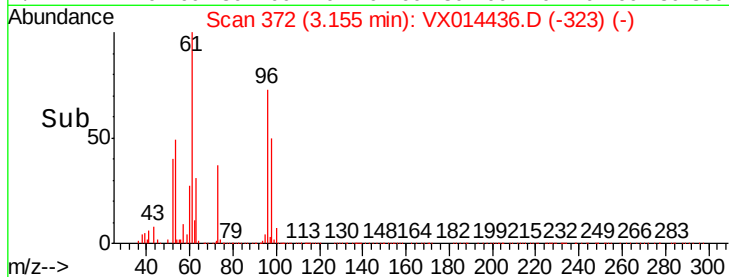
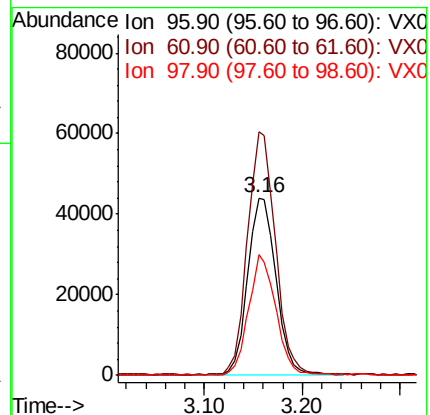
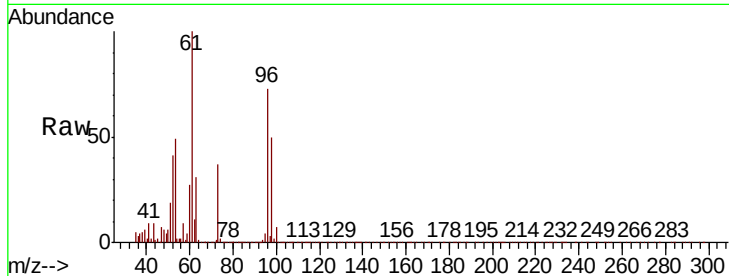
Tot Ion: 96 Resp: 88567

Ion Ratio Lower Upper

96 100

61 137.3 108.3 162.5

98 68.4 50.8 76.2



#22

Diisopropyl ether

Concen: 19.088 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014436.D

Acq: 06 Jan 2020 18:38

Tgt Ion: 45 Resp: 329057

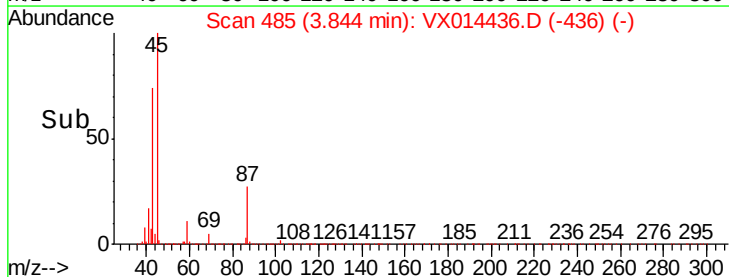
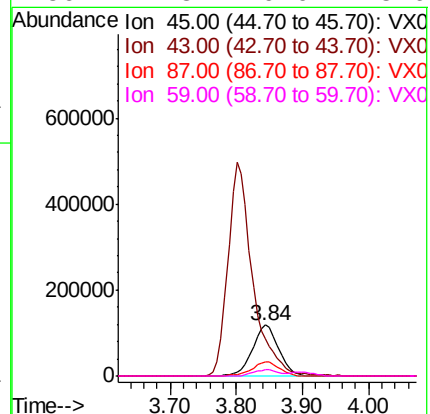
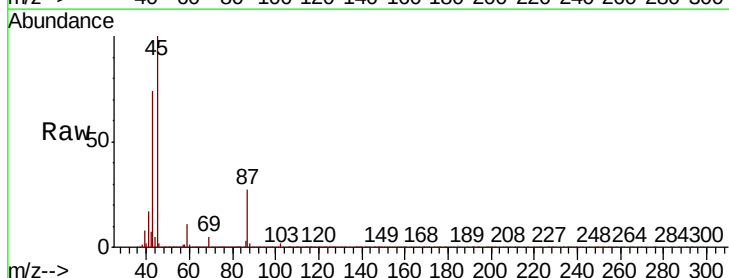
Ion Ratio Lower Upper

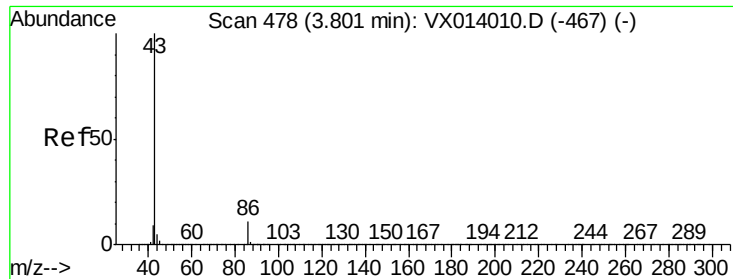
45 100

43 73.6 57.4 86.0

87 26.6 21.9 32.9

59 11.3 9.0 13.6





#23

Vinyl Acetate

Concen: 91.429 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014436.D

Acq: 06 Jan 2020 18:38

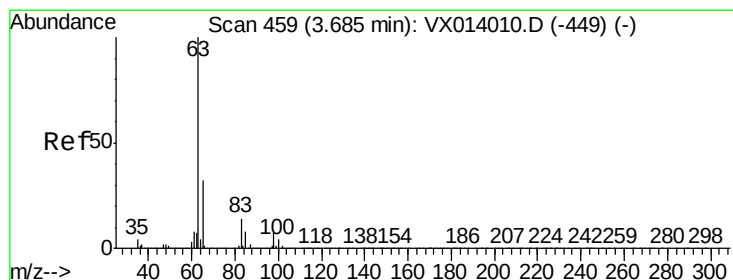
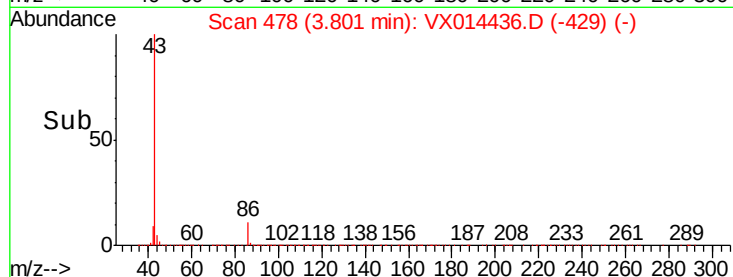
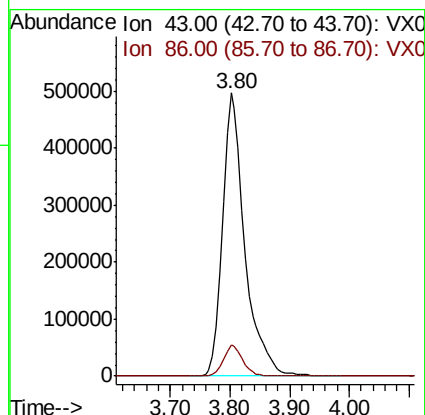
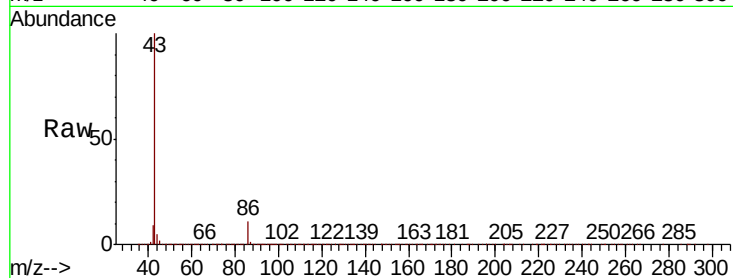
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 1286196

Ion Ratio Lower Upper

43 100

86 10.8 8.6 12.8



#24

1,1-Dichloroethane

Concen: 18.044 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.01 min

Lab File: VX014436.D

Acq: 06 Jan 2020 18:38

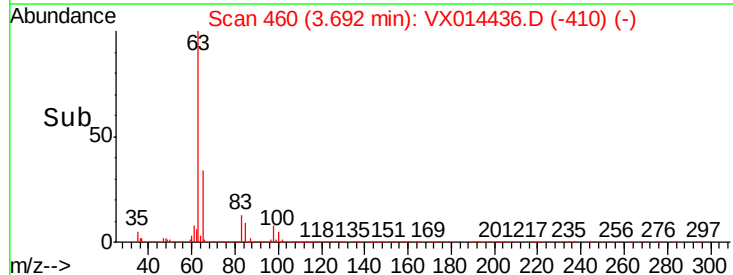
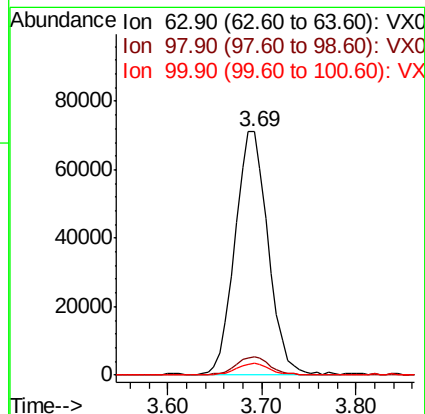
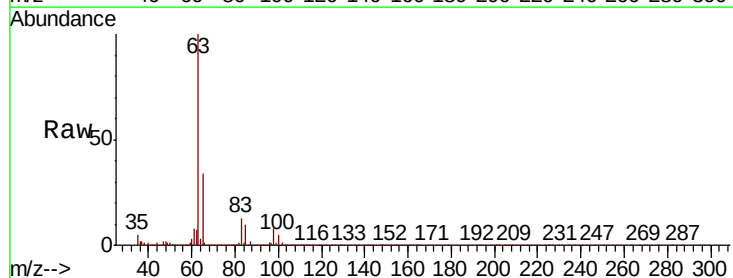
Tgt Ion: 63 Resp: 173059

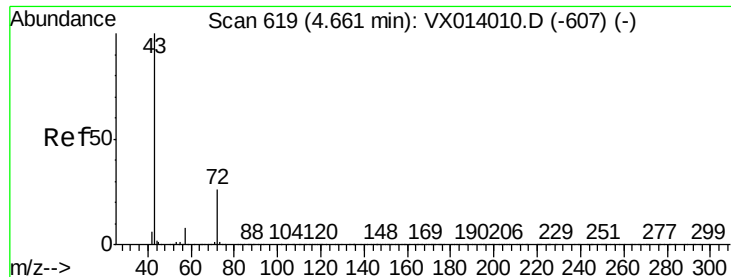
Ion Ratio Lower Upper

63 100

98 7.5 3.6 10.8

100 4.7 2.3 6.8





#25

2-Butanone

Concen: 83.252 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX014436.D

Acq: 06 Jan 2020 18:38

Instrument :

MSVOA_X

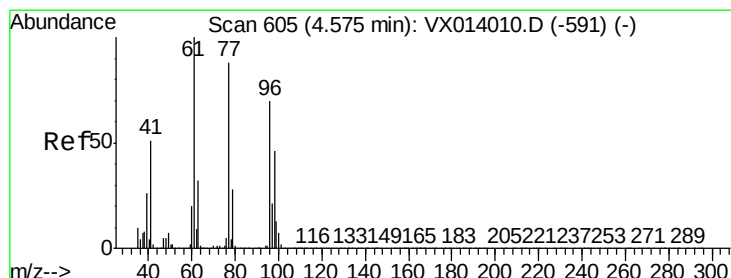
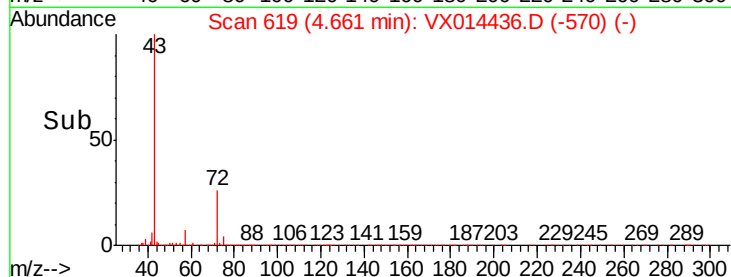
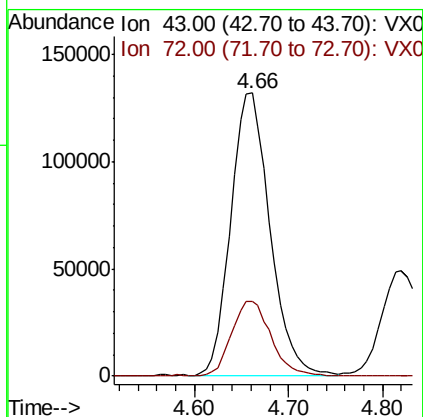
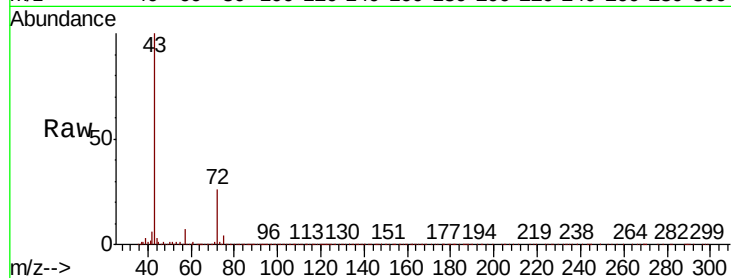
ClientSampleId :

Tot Ion: 43 Resp: 380386

Ion Ratio Lower Upper

43 100

72 26.1 21.0 31.4



#26

2,2-Dichloropropane

Concen: 17.838 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014436.D

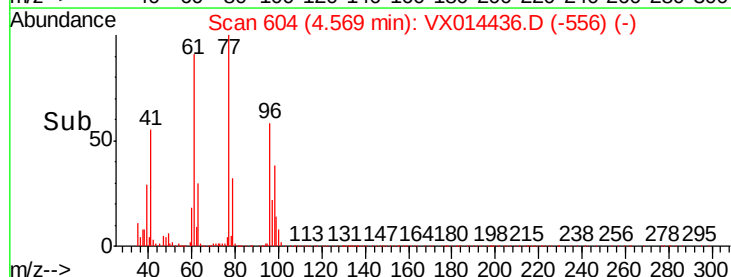
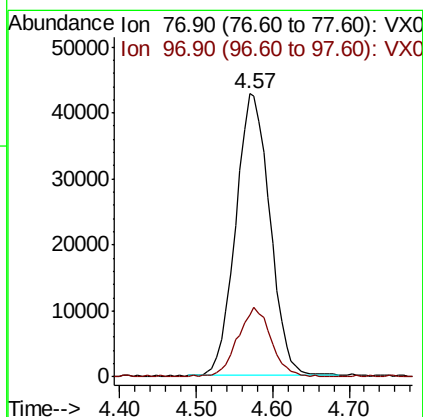
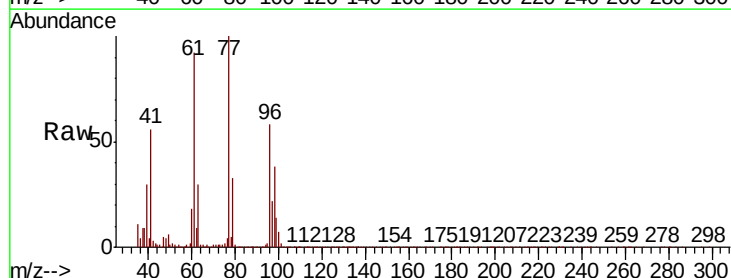
Acq: 06 Jan 2020 18:38

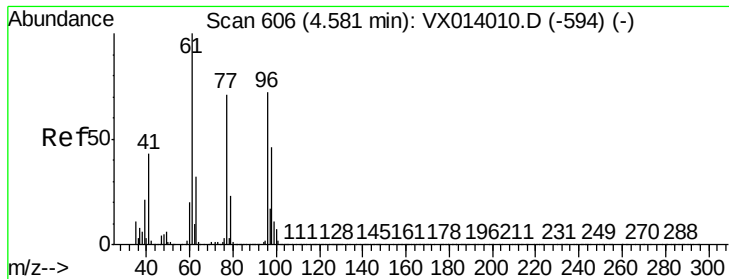
Tgt Ion: 77 Resp: 132831

Ion Ratio Lower Upper

77 100

97 23.7 11.9 35.9



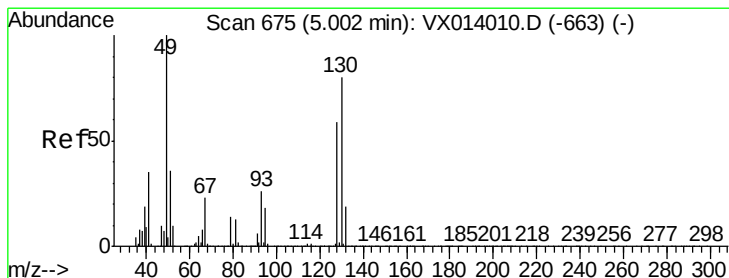
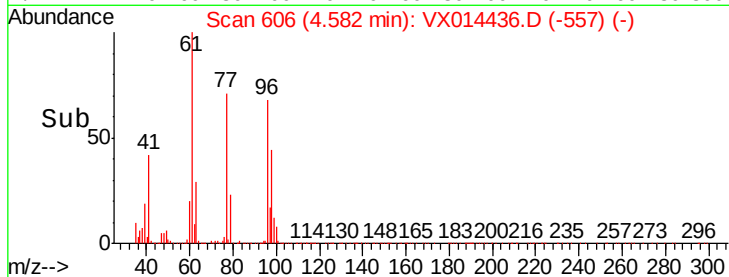
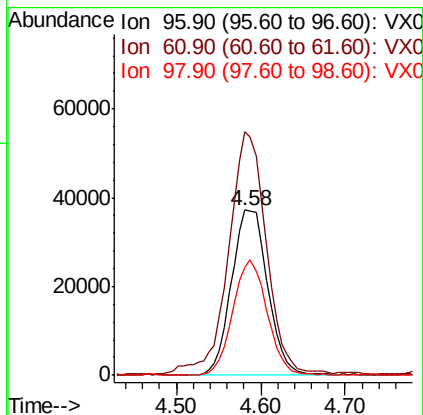
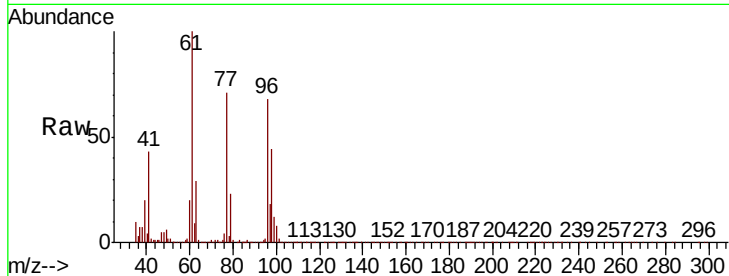


#27

cis-1,2-Dichloroethene
Concen: 17.953 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX014436.D
Acq: 06 Jan 2020 18:38

Instrument :
MSVOA_X
ClientSampled :

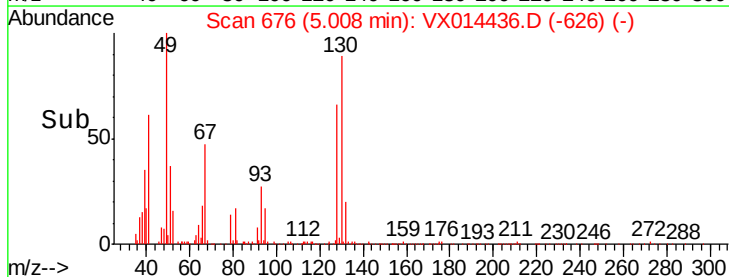
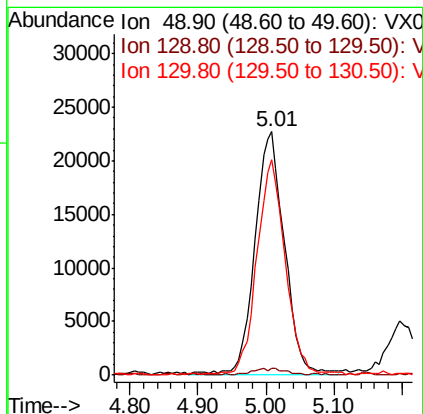
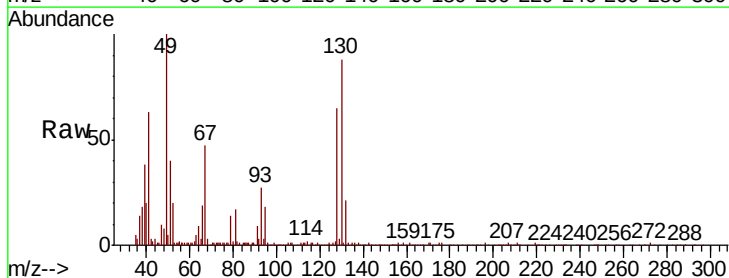
Tot Ion	Ratio	Lower	Upper
96	100		
61	153.9	0.0	288.4
98	66.7	0.0	129.6

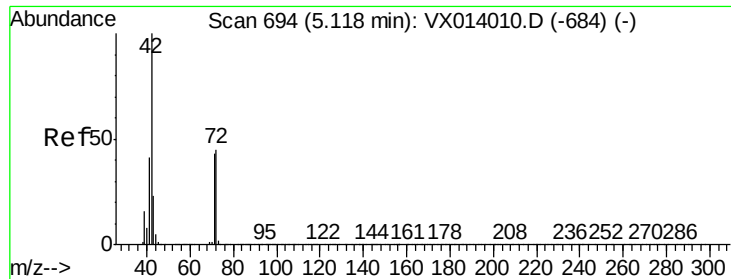


#28

Bromochloromethane
Concen: 19.154 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX014436.D
Acq: 06 Jan 2020 18:38

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	5.0
130	83.0	64.6	97.0

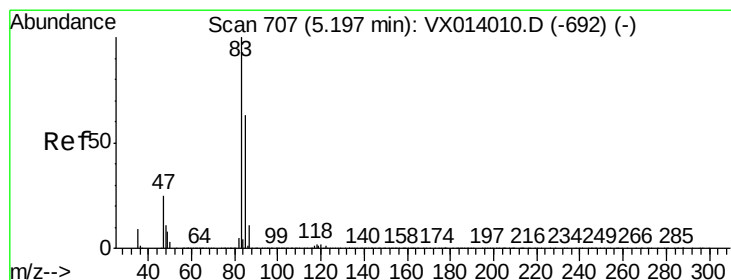
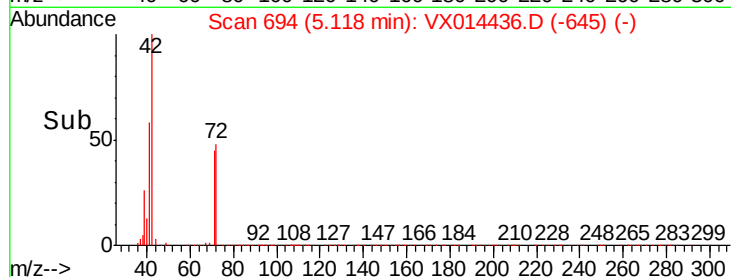
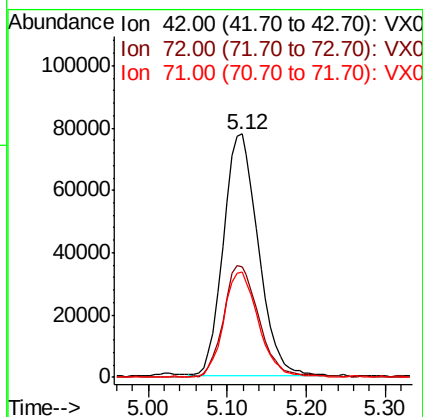
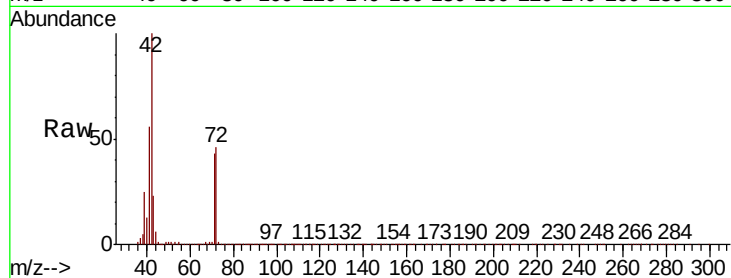




#29
Tetrahydrofuran
Concen: 94.028 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.00 min
Lab File: VX014436.D
Acq: 06 Jan 2020 18:38

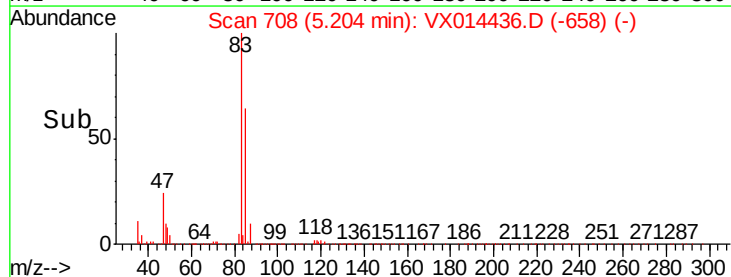
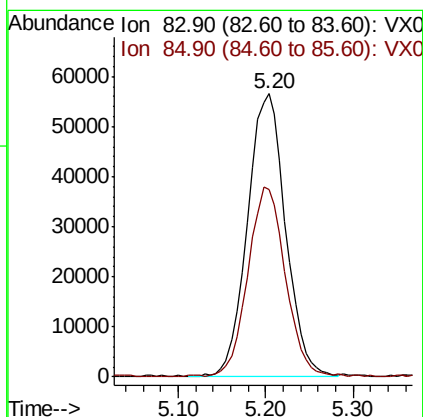
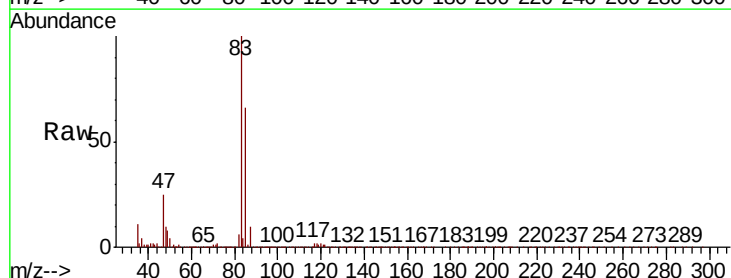
Instrument :
MSVOA_X
ClientSampleId :

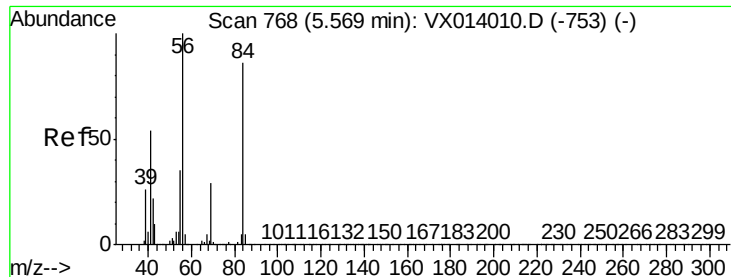
Tot Ion	Ratio	Lower	Upper
42	100		
72	46.6	35.8	53.8
71	42.9	33.6	50.4



#30
Chloroform
Concen: 18.743 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX014436.D
Acq: 06 Jan 2020 18:38

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.9	50.8	76.2

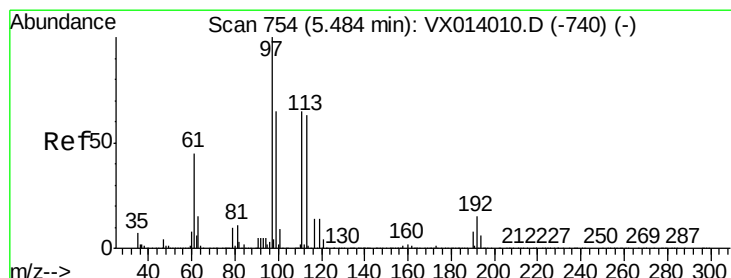
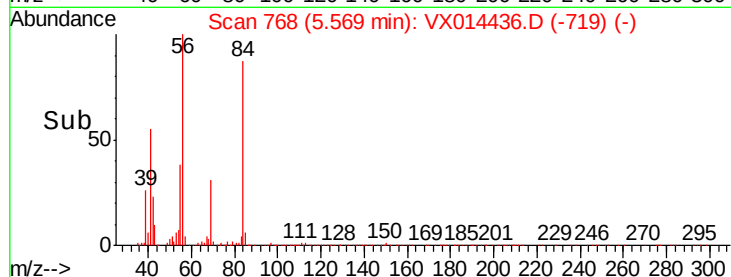
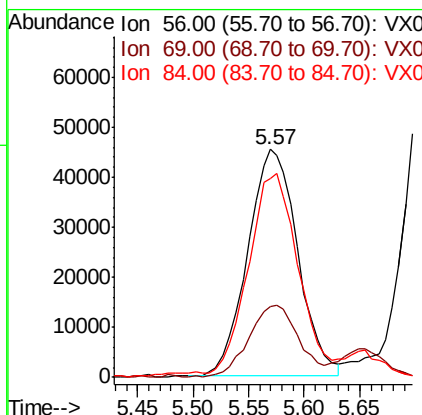
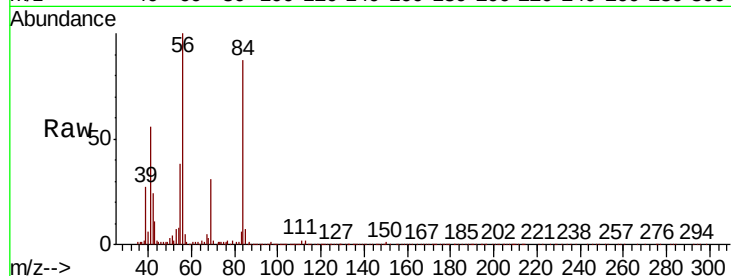




#31
Cyclohexane
Concen: 16.577 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX014436.D
Acq: 06 Jan 2020 18:38

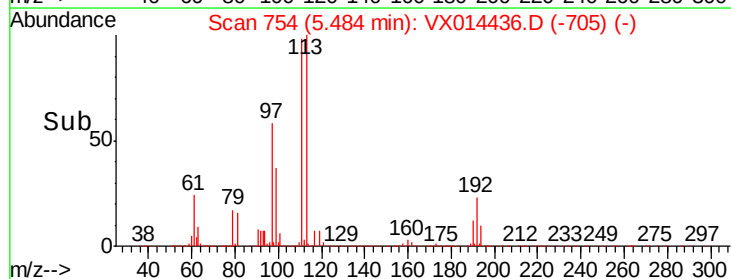
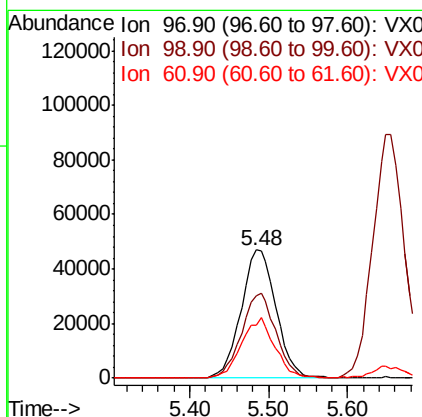
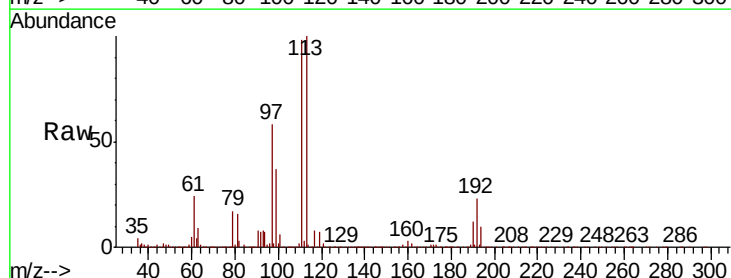
Instrument :
MSVOA_X
ClientSampleId :

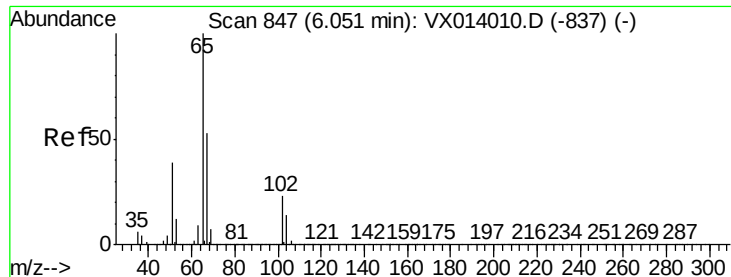
Tot Ion	Ratio	Lower	Upper
56	100		
69	31.1	23.2	34.8
84	86.2	69.2	103.8



#32
1,1,1-Trichloroethane
Concen: 18.644 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX014436.D
Acq: 06 Jan 2020 18:38

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	52.0	78.0
61	45.1	36.7	55.1

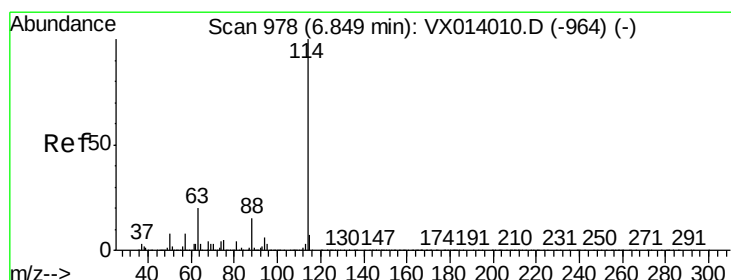
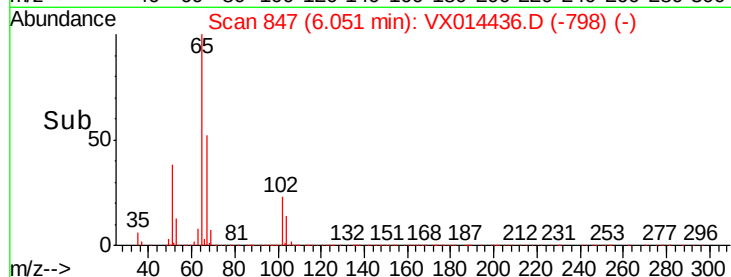
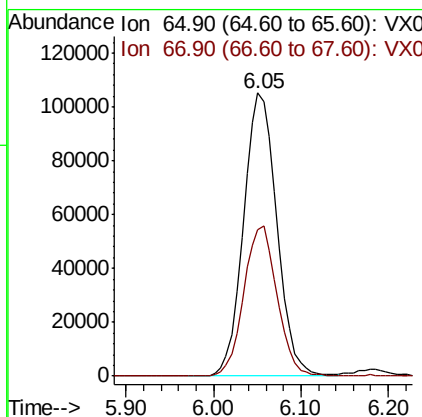
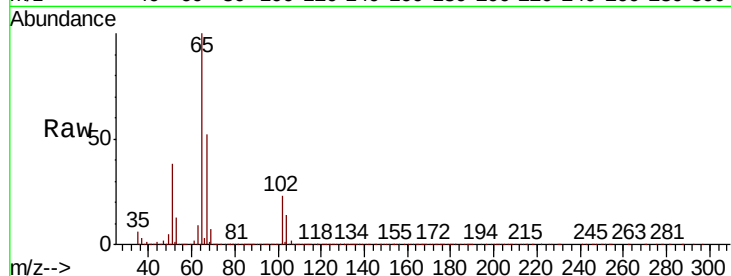




#33
 1,2-Dichloroethane-d4
 Concen: 48.786 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014436.D
 Acq: 06 Jan 2020 18:38

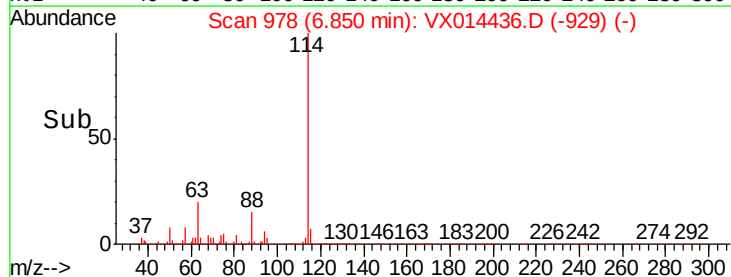
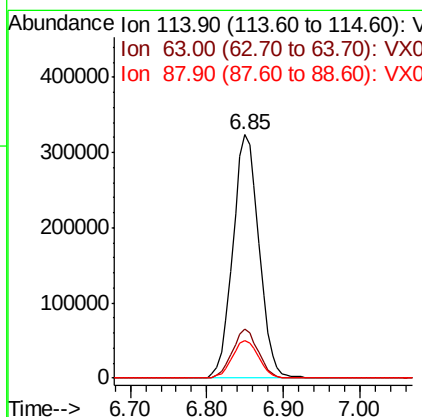
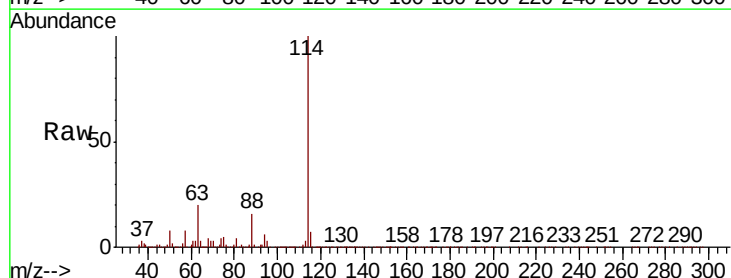
Instrument :
 MSVOA_X
 ClientSampleId :

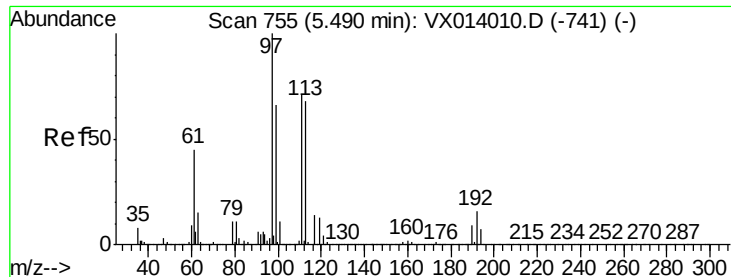
Tot Ion: 65 Resp: 278495
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014436.D
 Acq: 06 Jan 2020 18:38

Tgt Ion: 114 Resp: 763272
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.8
 88 15.5 0.0 30.4

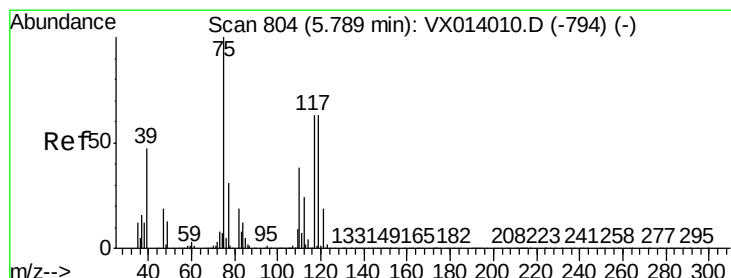
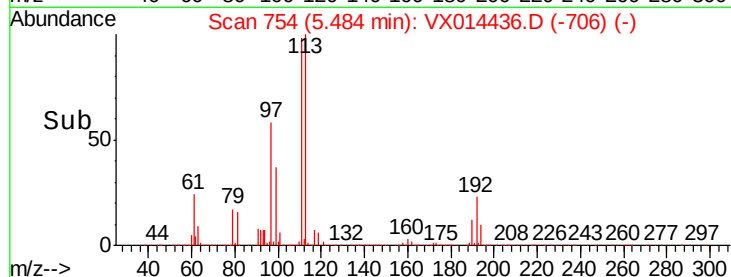
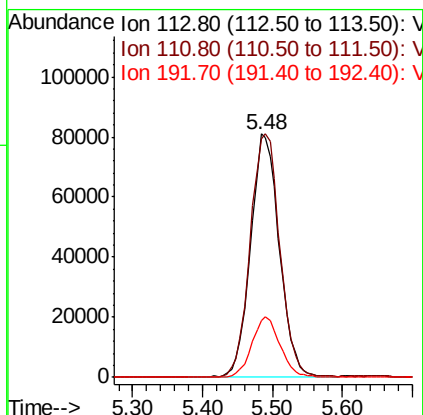
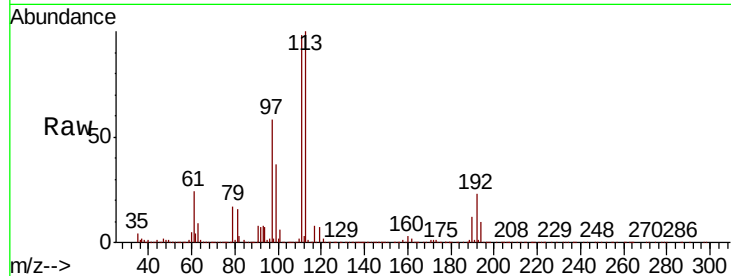




#35
 Dibromofluoromethane
 Concen: 49.872 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX014436.D
 Acq: 06 Jan 2020 18:38

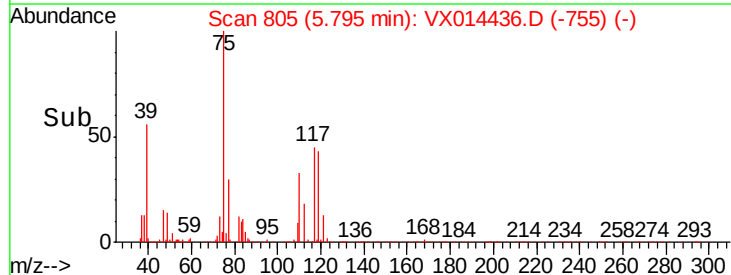
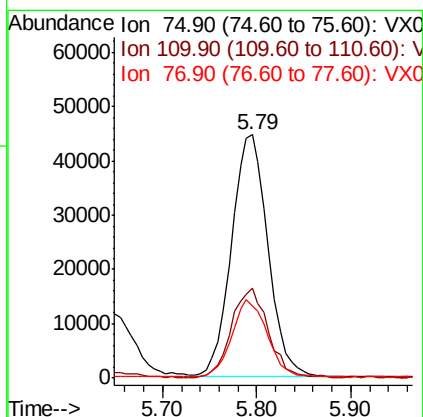
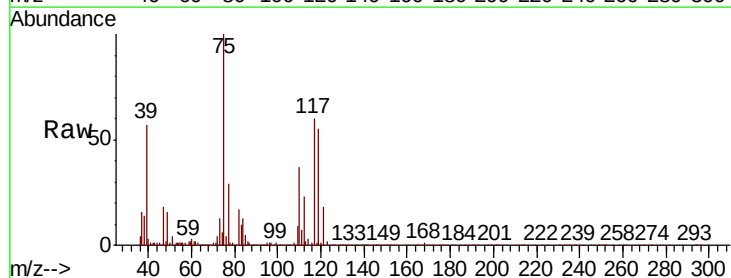
Instrument :
 MSVOA_X
 ClientSampleId :

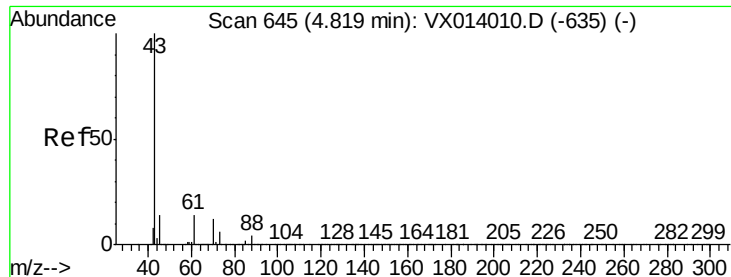
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.0	123.0
192	24.4	19.3	28.9



#36
 1,1-Dichloropropene
 Concen: 17.210 ug/l
 RT: 5.79 min Scan# 805
 Delta R.T. 0.01 min
 Lab File: VX014436.D
 Acq: 06 Jan 2020 18:38

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.8	18.3	54.9
77	30.7	24.8	37.2

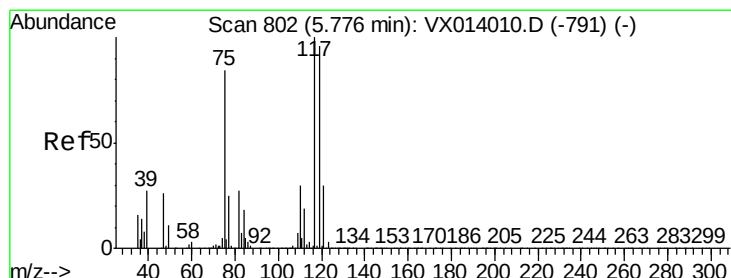
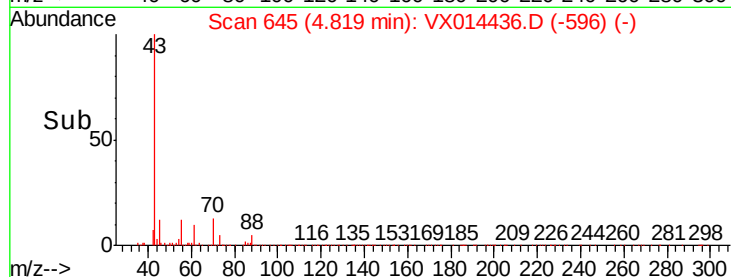
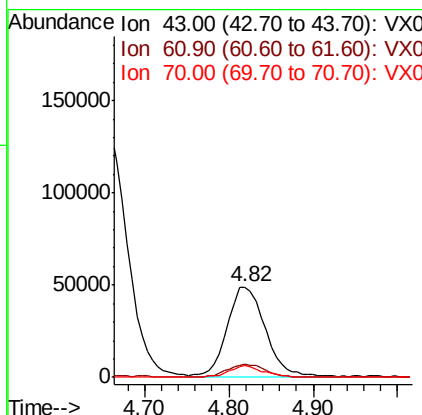
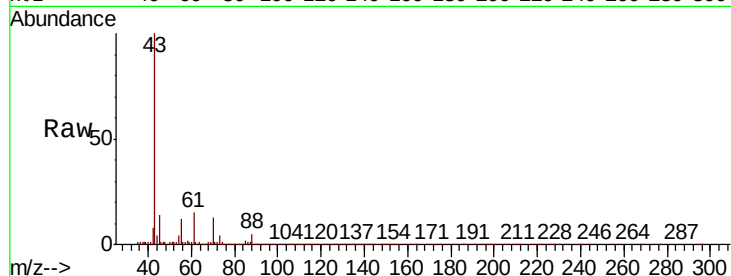




#37
Ethyl Acetate
Concen: 19.110 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014436.D
Acq: 06 Jan 2020 18:38

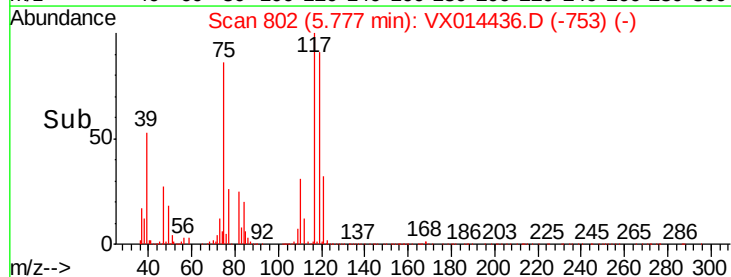
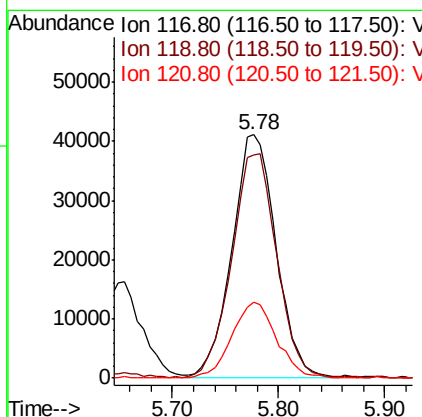
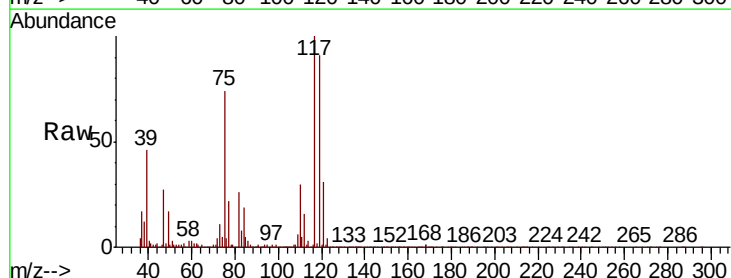
Instrument :
MSVOA_X
ClientSampleId :

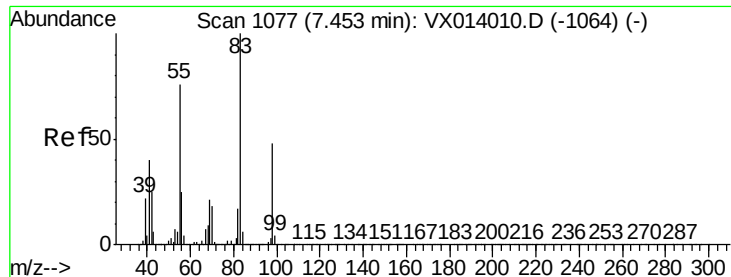
Tot Ion: 43 Resp: 147790
Ion Ratio Lower Upper
43 100
61 14.2 10.8 16.2
70 11.6 8.6 12.8



#38
Carbon Tetrachloride
Concen: 18.567 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014436.D
Acq: 06 Jan 2020 18:38

Tgt Ion: 117 Resp: 118461
Ion Ratio Lower Upper
117 100
119 91.4 76.2 114.4
121 31.2 23.6 35.4

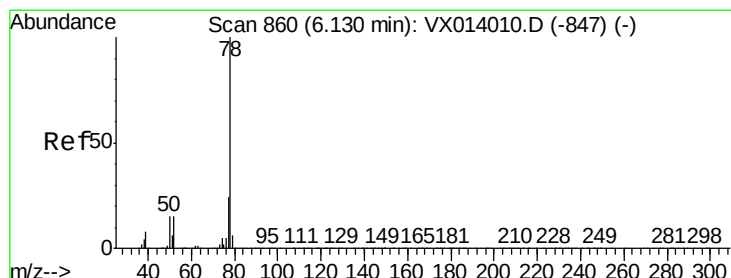
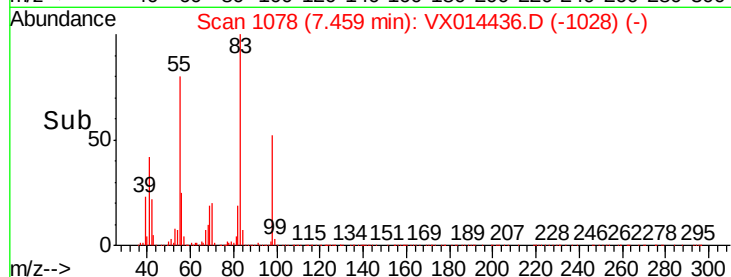
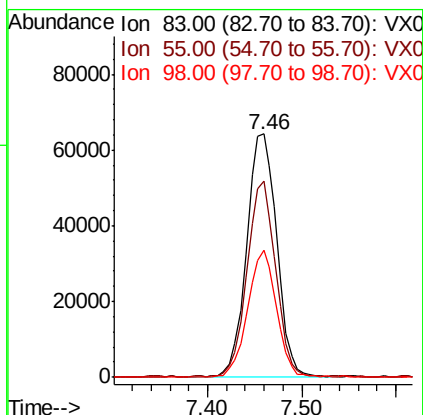
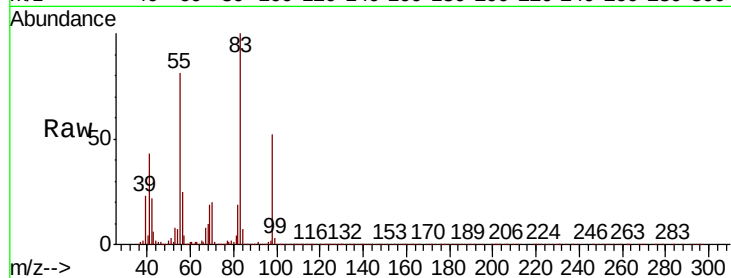




#39
Methylvlcyclohexane
Concen: 16.569 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX014436.D
Acq: 06 Jan 2020 18:38

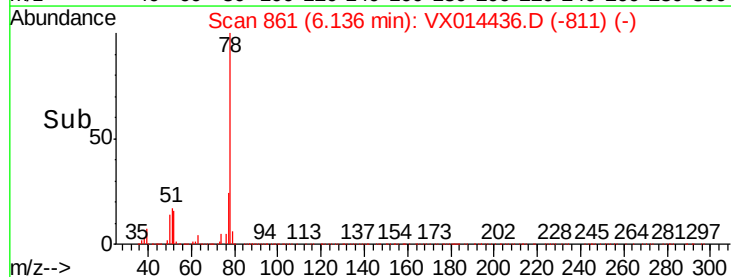
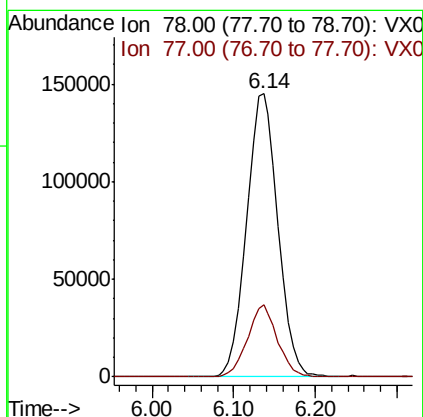
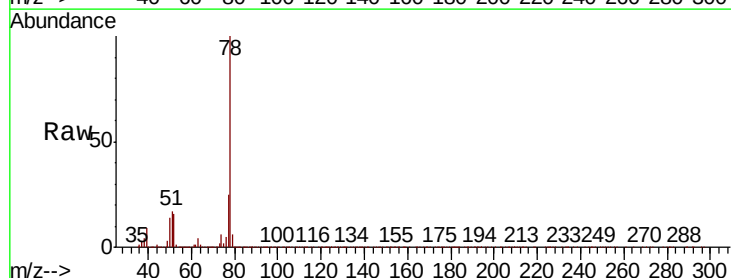
Instrument :
MSVOA_X
ClientSampleId :

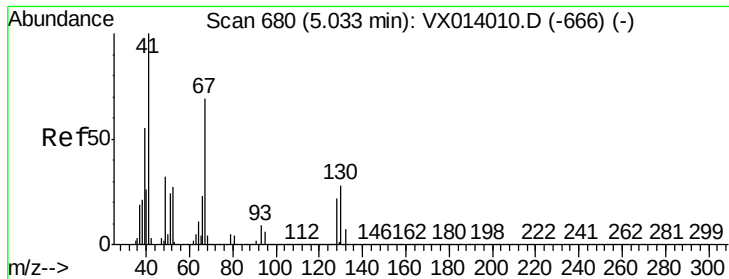
Tot Ion	83.00	Resp	143282
Ion	Ratio	Lower	Upper
83	100		
55	80.5	61.0	91.6
98	52.1	38.6	57.8



#40
Benzene
Concen: 17.915 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX014436.D
Acq: 06 Jan 2020 18:38

Tgt Ion	78	Resp	386045
Ion	Ratio	Lower	Upper
78	100		
77	25.3	18.8	28.2





#41

Methacrylonitrile

Concen: 19.266 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.01 min

Lab File: VX014436.D

Acq: 06 Jan 2020 18:38

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 41 Resp: 82672

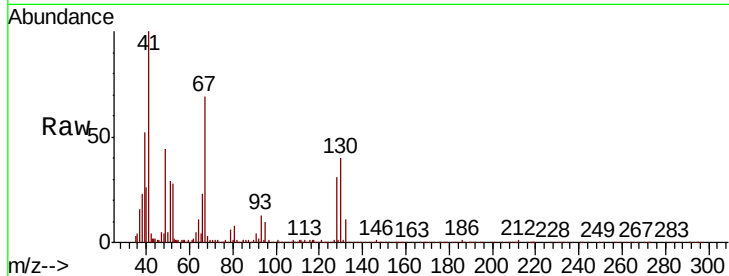
Ion Ratio Lower Upper

41 100

39 55.0 44.5 66.7

67 70.9 57.4 86.0

52 27.6 23.0 34.4

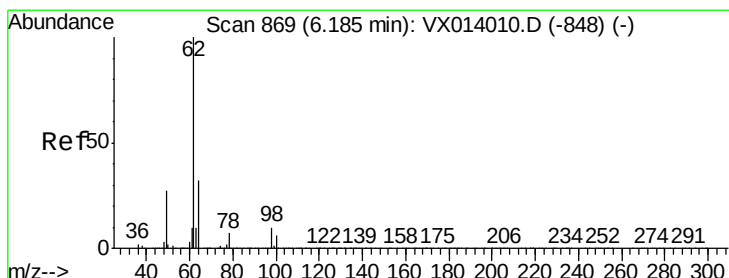
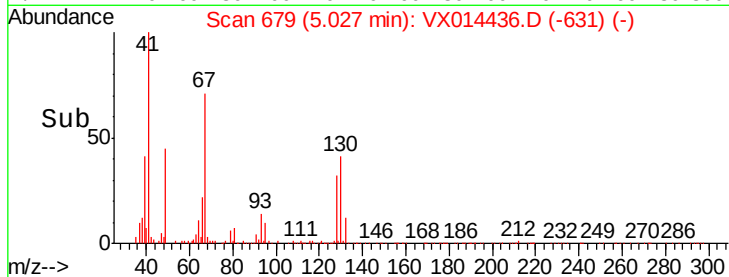
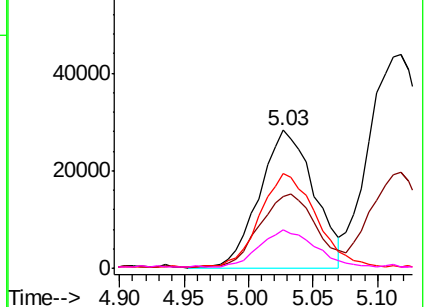


Abundance Ion 41.00 (40.70 to 41.70): VX0

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



#42

1,2-Dichloroethane

Concen: 19.140 ug/l

RT: 6.19 min Scan# 869

Delta R.T. 0.00 min

Lab File: VX014436.D

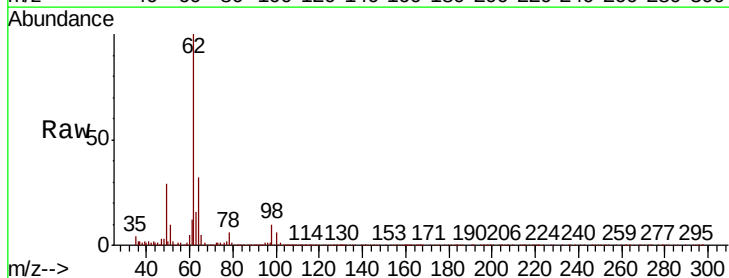
Acq: 06 Jan 2020 18:38

Tgt Ion: 62 Resp: 139811

Ion Ratio Lower Upper

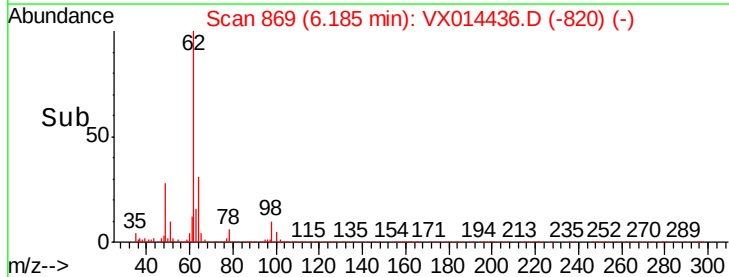
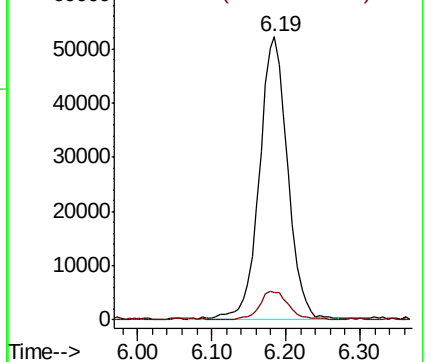
62 100

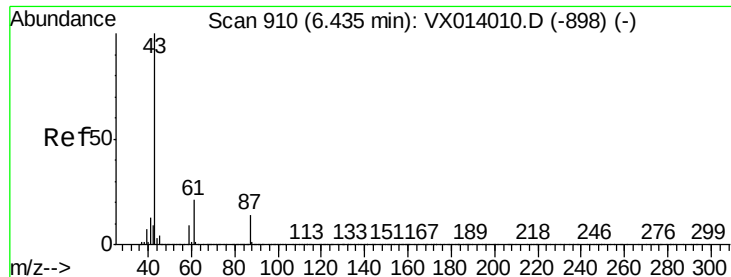
98 10.2 0.0 21.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



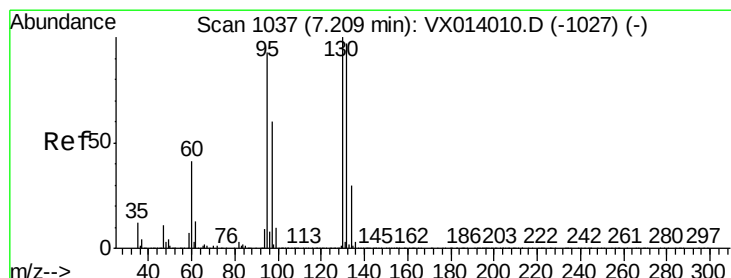
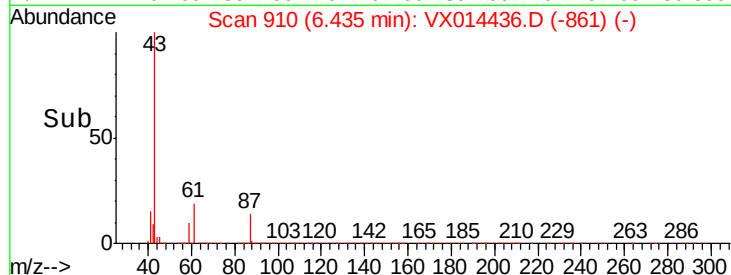
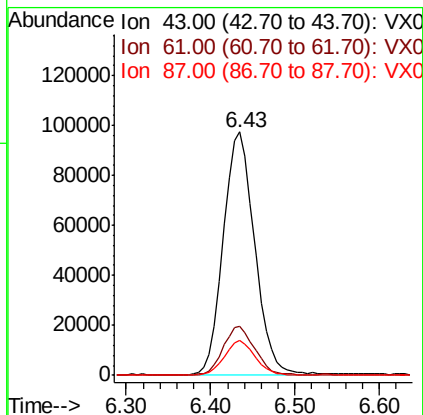
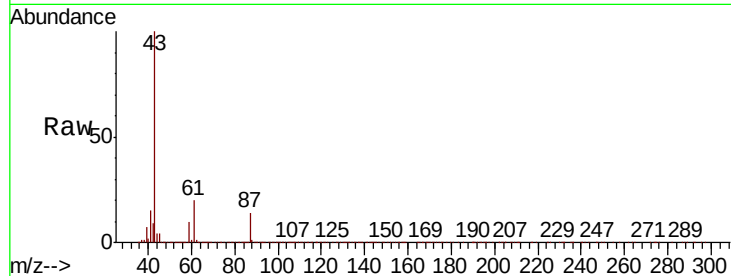


#43

Isopropyl Acetate
 Concen: 19.514 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX014436.D
 Acq: 06 Jan 2020 18:38

Instrument :
 MSVOA_X
 ClientSampleId :

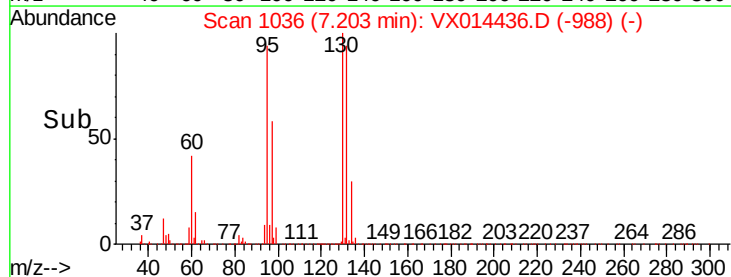
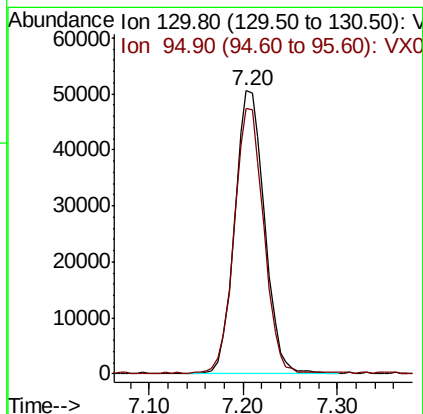
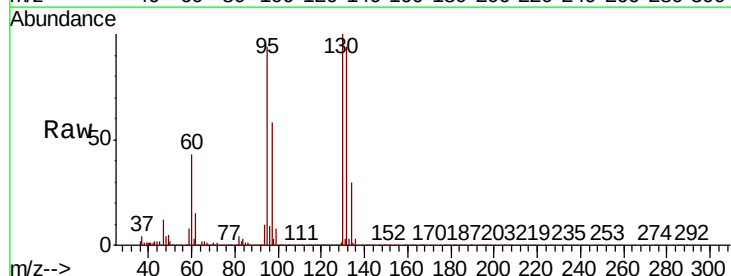
Tot Ion	43	Resp	249761
Ion Ratio	Lower	Upper	
43	100		
61	19.5	16.4	24.6
87	13.8	10.7	16.1

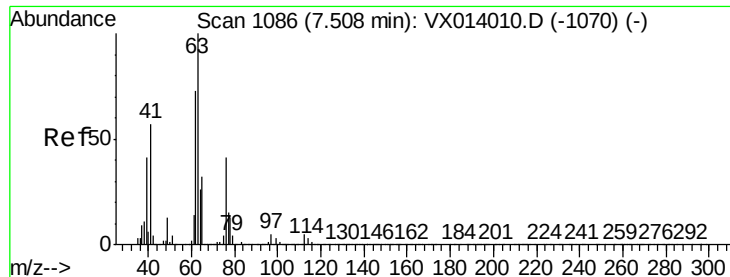


#44

Trichloroethene
 Concen: 18.602 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX014436.D
 Acq: 06 Jan 2020 18:38

Tgt Ion	130	Resp	110720
Ion Ratio	Lower	Upper	
130	100		
95	93.7	0.0	185.6





#45

1,2-Dichloropropane

Concen: 18.847 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX014436.D

Acq: 06 Jan 2020 18:38

Instrument :

MSVOA_X

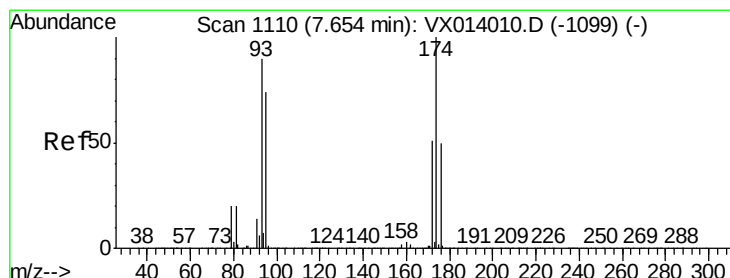
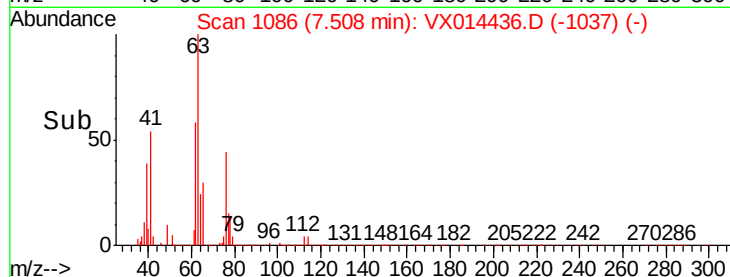
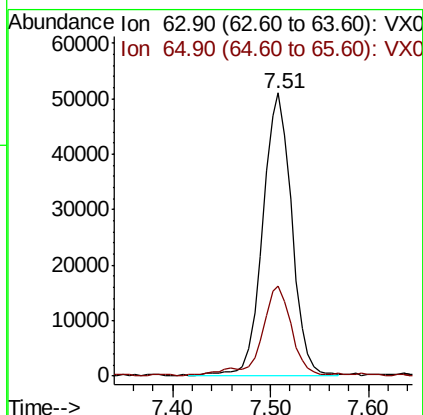
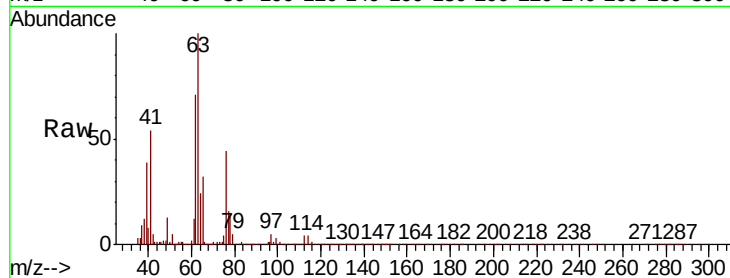
ClientSampleId :

Tot Ion: 63 Resp: 104095

Ion Ratio Lower Upper

63 100

65 31.6 25.8 38.8



#46

Dibromomethane

Concen: 18.050 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014436.D

Acq: 06 Jan 2020 18:38

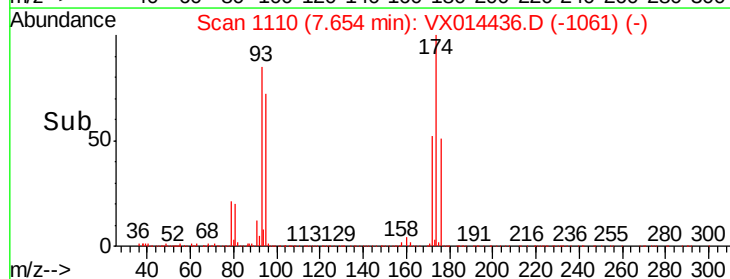
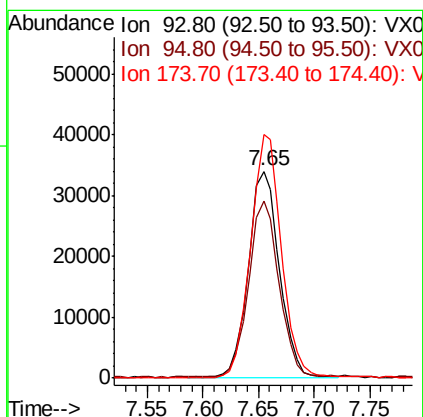
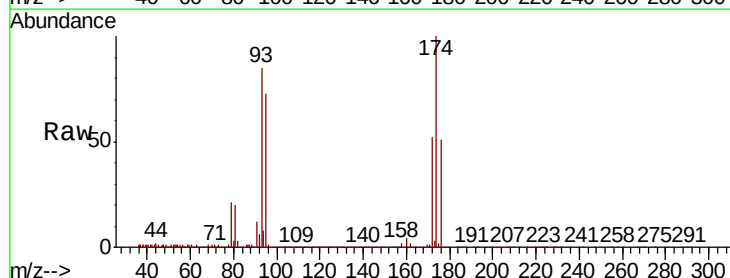
Tgt Ion: 93 Resp: 65912

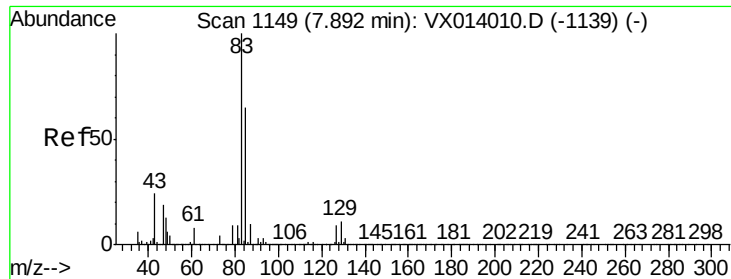
Ion Ratio Lower Upper

93 100

95 84.9 67.3 100.9

174 118.3 91.6 137.4

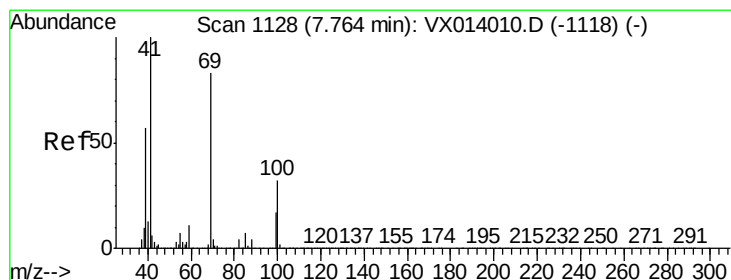
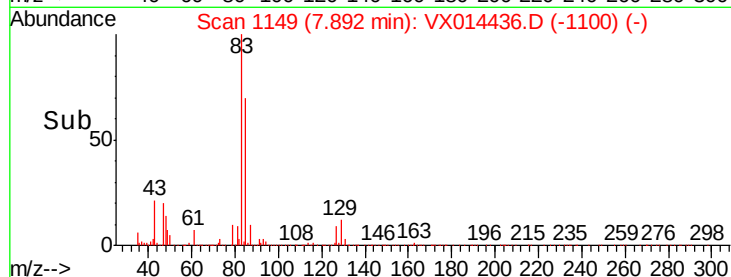
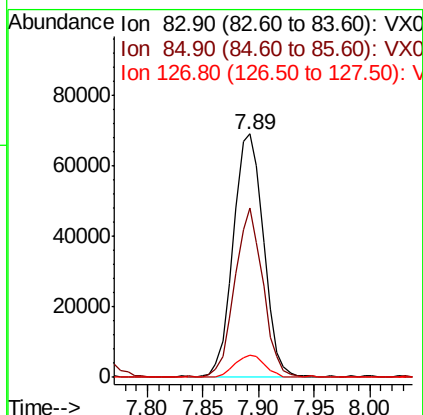
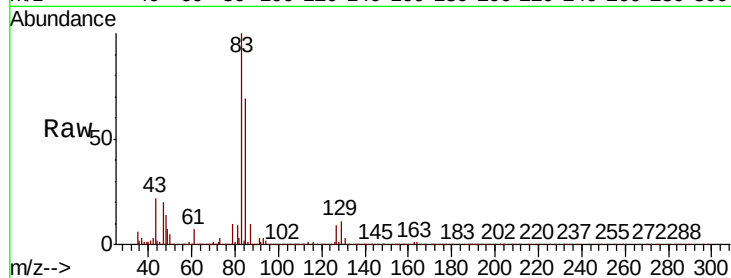




#47
Bromodichloromethane
Concen: 18.813 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. 0.00 min
Lab File: VX014436.D
Acq: 06 Jan 2020 18:38

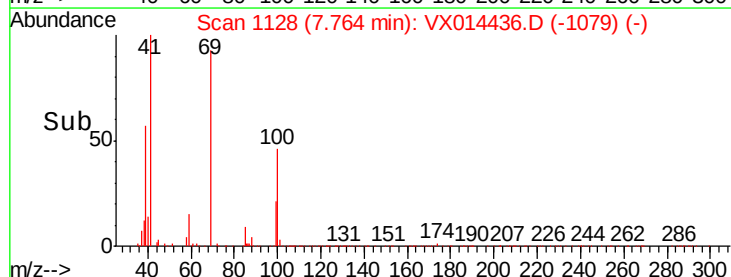
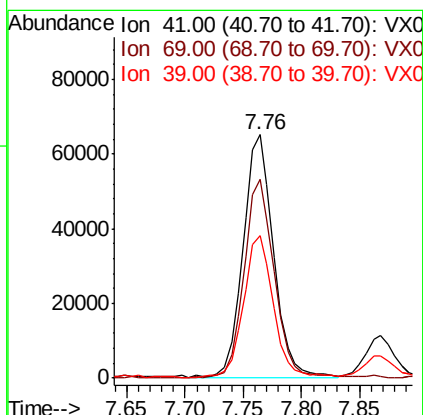
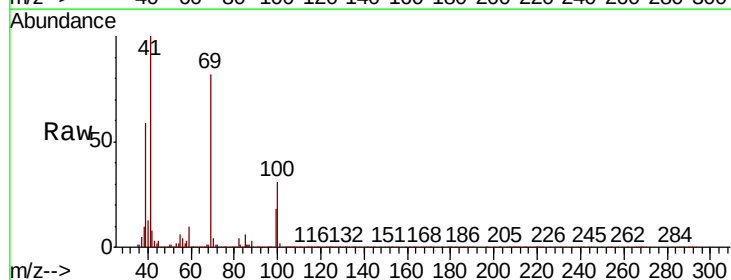
Instrument :
MSVOA_X
ClientSampleId :

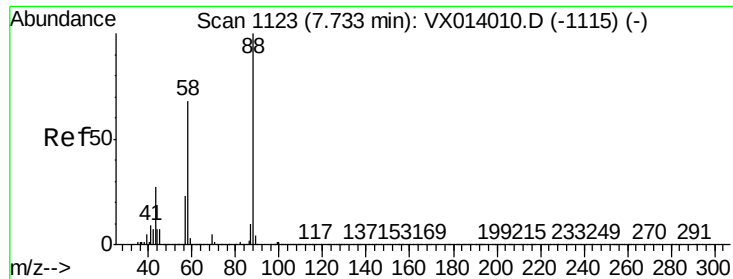
Tot Ion	83	Resp	129381
Ion Ratio	Lower	Upper	
83	100		
85	69.1	51.8	77.8
127	9.0	7.0	10.4



#48
Methyl methacrylate
Concen: 18.755 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX014436.D
Acq: 06 Jan 2020 18:38

Tgt Ion	41	Resp	117545
Ion Ratio	Lower	Upper	
41	100		
69	81.4	65.8	98.6
39	57.9	44.6	67.0





#49

1,4-Dioxane

Concen: 361.944 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX014436.D

Acq: 06 Jan 2020 18:38

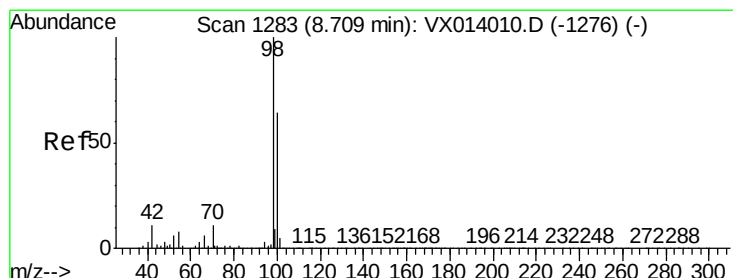
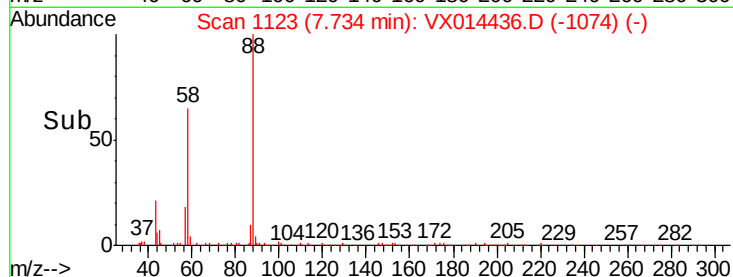
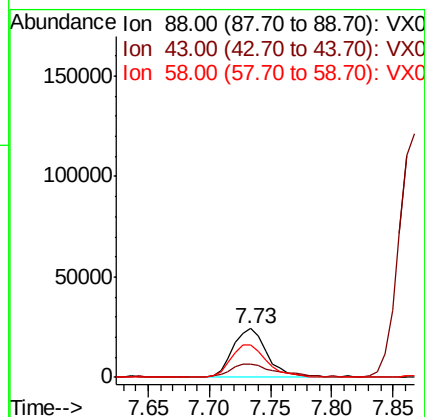
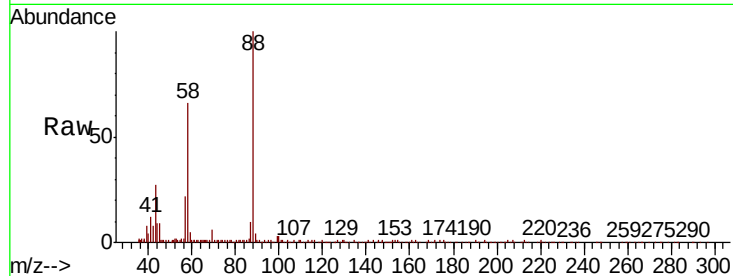
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 88 Resp: 46163

Ion	Ratio	Lower	Upper
88	100		
43	32.9	26.5	39.7
58	69.6	56.8	85.2



#50

Toluene-d8

Concen: 48.339 ug/l

RT: 8.71 min Scan# 1283

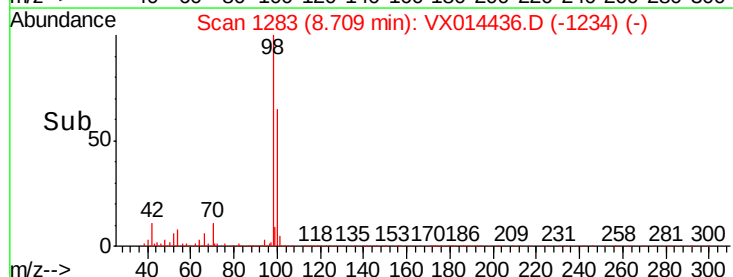
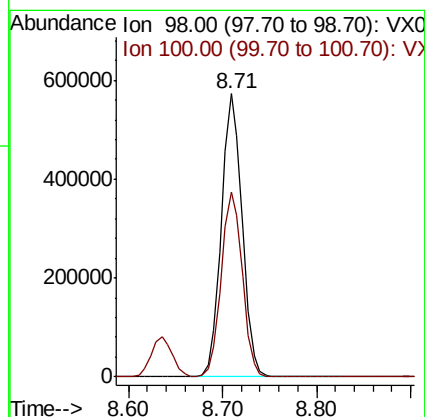
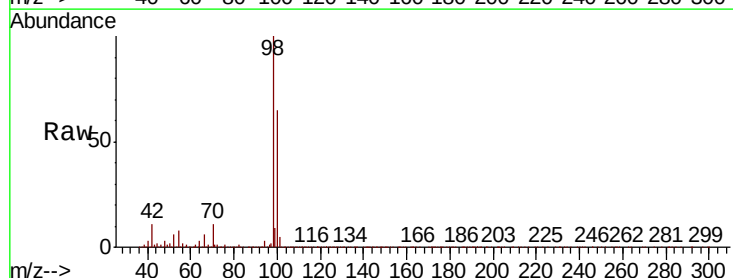
Delta R.T. 0.00 min

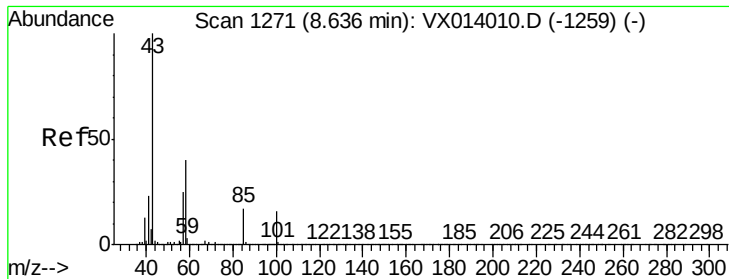
Lab File: VX014436.D

Acq: 06 Jan 2020 18:38

Tgt Ion: 98 Resp: 873204

Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 94.381 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX014436.D

Acq: 06 Jan 2020 18:38

Instrument :

MSVOA_X

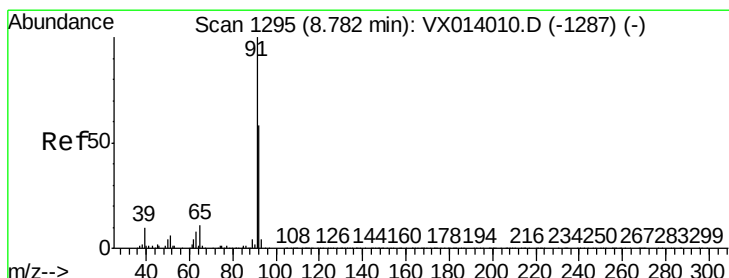
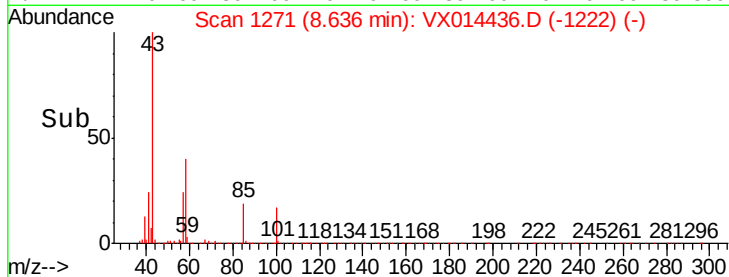
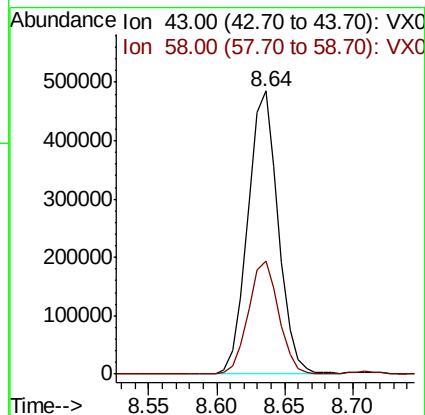
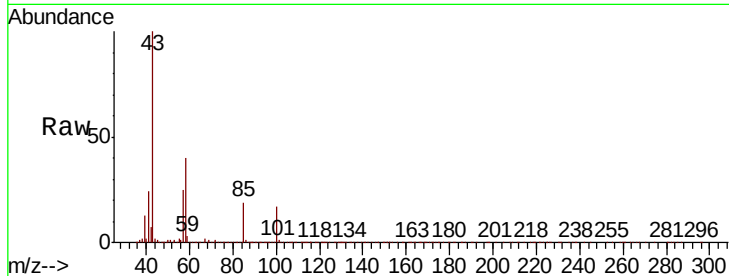
ClientSampleId :

Tot Ion: 43 Resp: 758638

Ion Ratio Lower Upper

43 100

58 40.3 32.2 48.2



#52

Toluene

Concen: 18.103 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014436.D

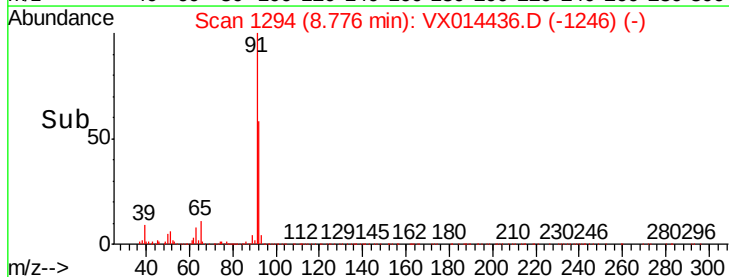
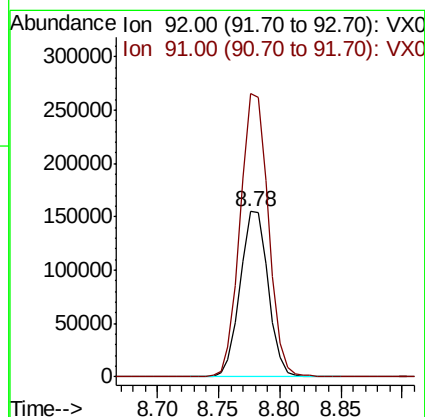
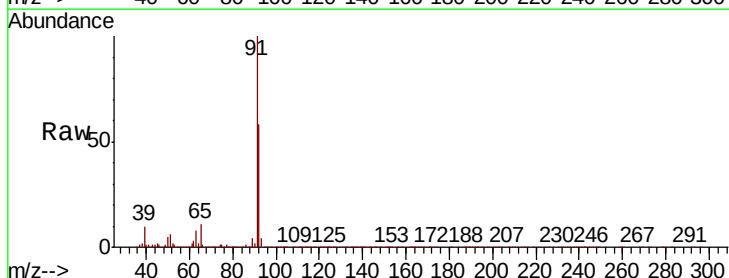
Acq: 06 Jan 2020 18:38

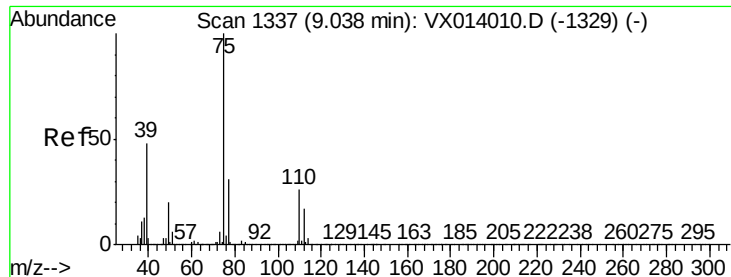
Tgt Ion: 92 Resp: 246565

Ion Ratio Lower Upper

92 100

91 172.0 136.2 204.4

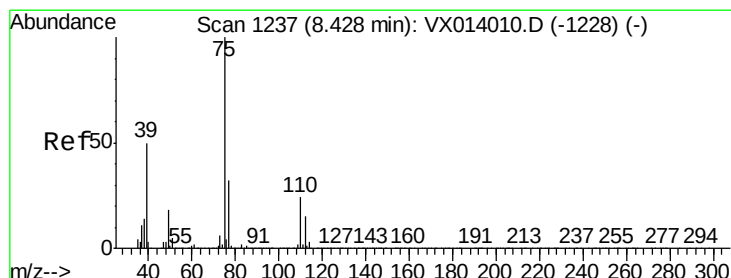
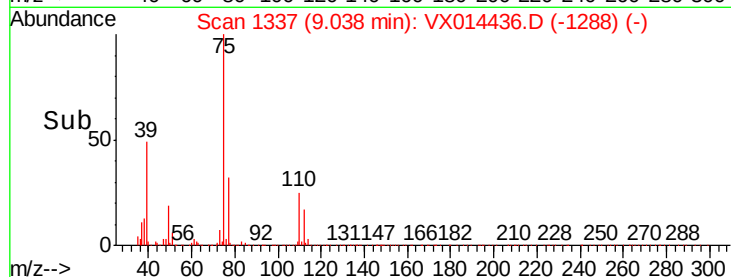
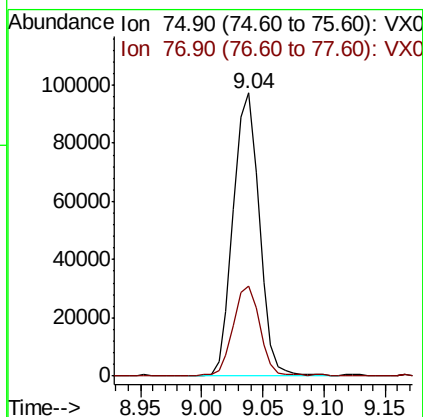
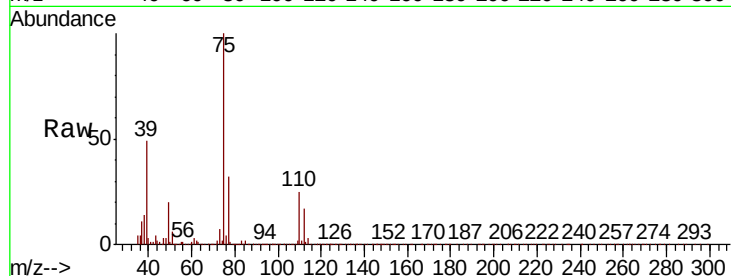




#53
t-1,3-Dichloropropene
Concen: 19.001 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX014436.D
Acq: 06 Jan 2020 18:38

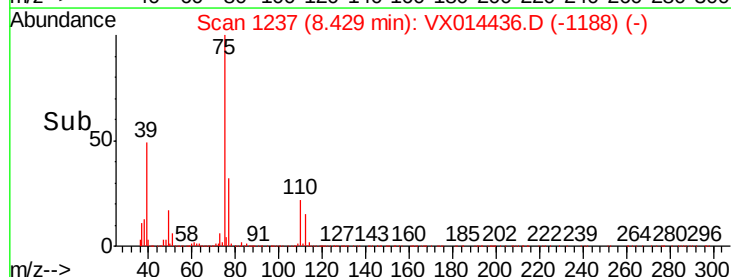
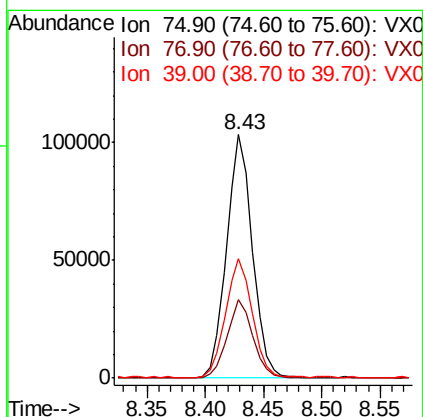
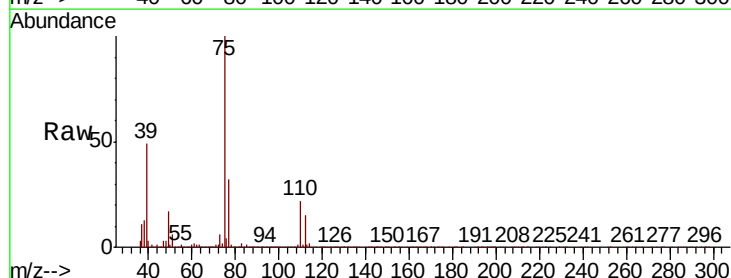
Instrument :
MSVOA_X
ClientSampled :

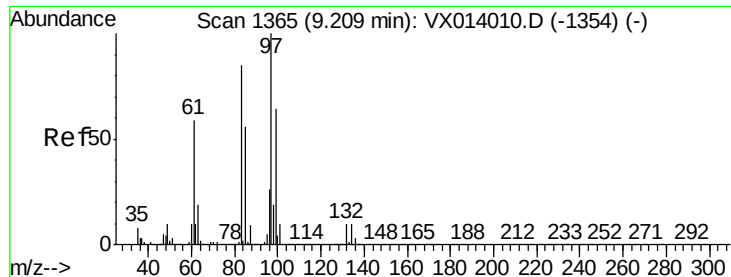
Tot Ion: 75 Resp: 143284
Ion Ratio Lower Upper
75 100
77 31.6 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 18.924 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014436.D
Acq: 06 Jan 2020 18:38

Tgt Ion: 75 Resp: 158985
Ion Ratio Lower Upper
75 100
77 31.9 25.3 37.9
39 48.8 39.9 59.9





#55

1,1,2-Trichloroethane

Concen: 19.375 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX014436.D

Acq: 06 Jan 2020 18:38

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 105767

Ion	Ratio	Lower	Upper
97	100		
83	83.9	68.2	102.4
85	53.3	44.6	66.8
99	63.2	51.4	77.0

Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Time-->

9.10 9.15 9.20 9.25 9.30

Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Time-->

9.10 9.15 9.20 9.25 9.30

Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Time-->

9.10 9.15 9.20 9.25 9.30

Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Time-->

9.10 9.15 9.20 9.25 9.30

Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Time-->

9.10 9.15 9.20 9.25 9.30

Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Time-->

9.10 9.15 9.20 9.25 9.30

Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Time-->

9.10 9.15 9.20 9.25 9.30

Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Time-->

9.10 9.15 9.20 9.25 9.30

Abundance

Ion 96.90 (96.60 to 97.60): VX0

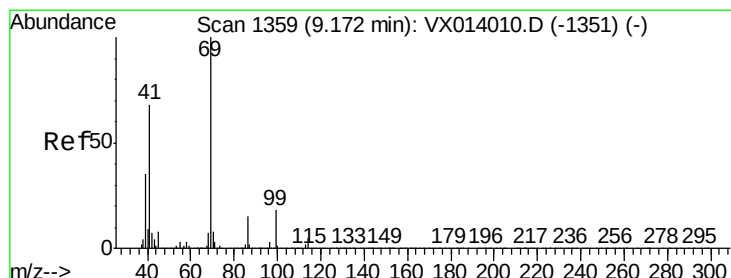
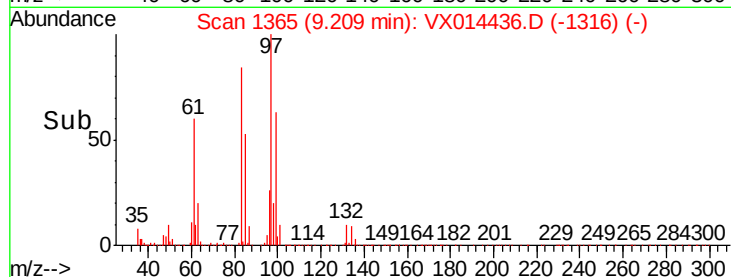
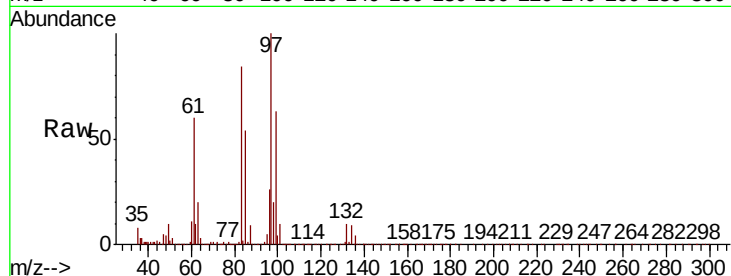
Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Time-->

9.10 9.15 9.20 9.25 9.30



#56

Ethyl methacrylate

Concen: 19.472 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX014436.D

Acq: 06 Jan 2020 18:38

Tgt Ion: 69 Resp: 166971

Ion	Ratio	Lower	Upper
69	100		
41	68.6	54.8	82.2
39	36.3	28.3	42.5

Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Time-->

9.10 9.15 9.20 9.25 9.30

Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Time-->

9.10 9.15 9.20 9.25 9.30

Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Time-->

9.10 9.15 9.20 9.25 9.30

Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Time-->

9.10 9.15 9.20 9.25 9.30

Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Time-->

9.10 9.15 9.20 9.25 9.30

Abundance

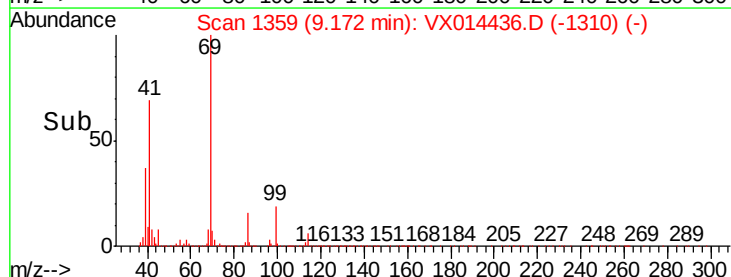
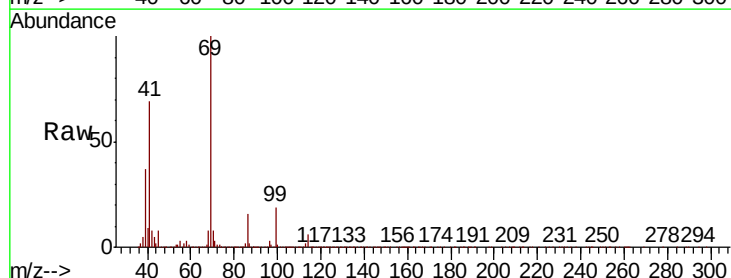
Ion 69.00 (68.70 to 69.70): VX0

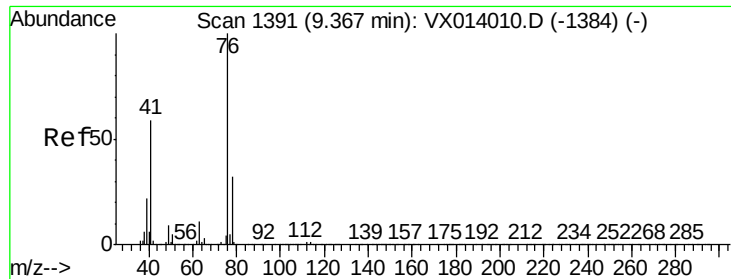
Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Time-->

9.10 9.15 9.20 9.25 9.30





#57

1,3-Dichloropropane

Concen: 19.175 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014436.D

Acq: 06 Jan 2020 18:38

Instrument :

MSVOA_X

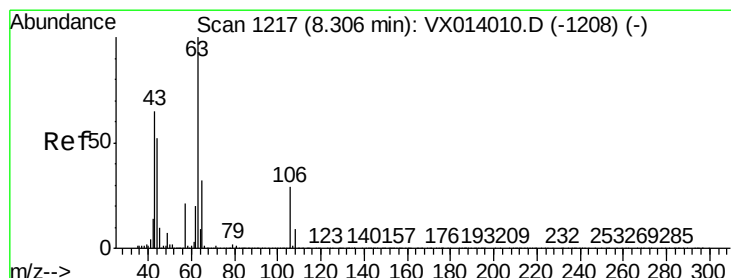
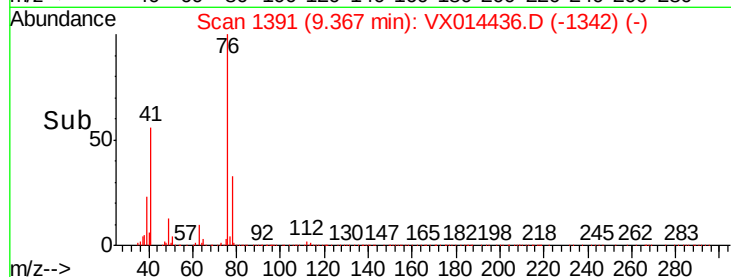
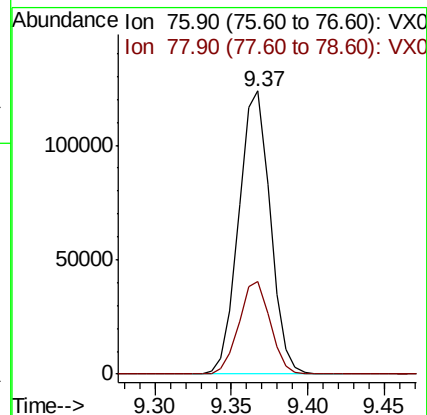
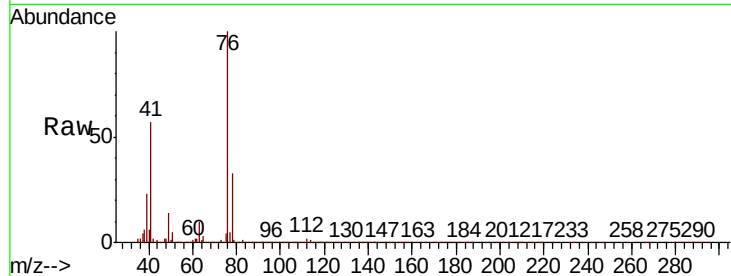
ClientSampleId :

Tot Ion: 76 Resp: 176116

Ion Ratio Lower Upper

76 100

78 32.5 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 97.437 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX014436.D

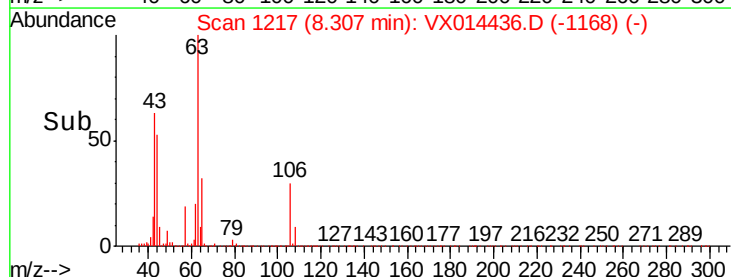
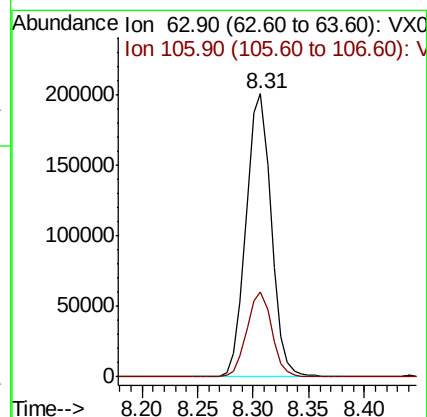
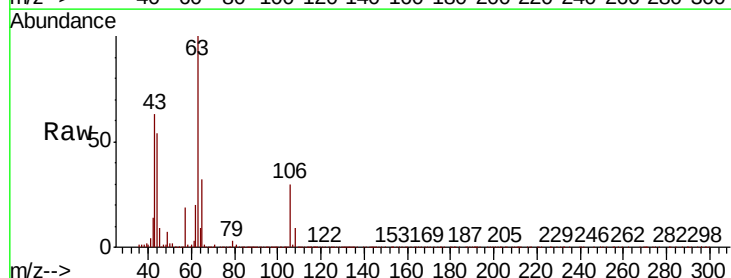
Acq: 06 Jan 2020 18:38

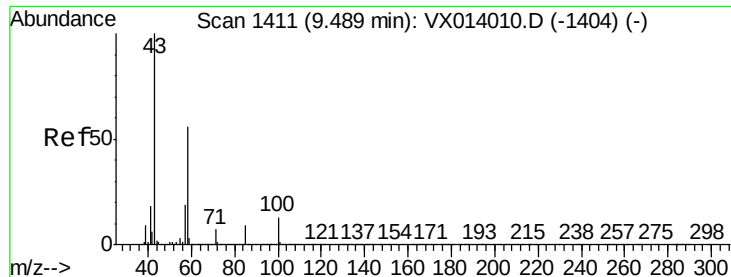
Tgt Ion: 63 Resp: 316193

Ion Ratio Lower Upper

63 100

106 29.7 23.0 34.6

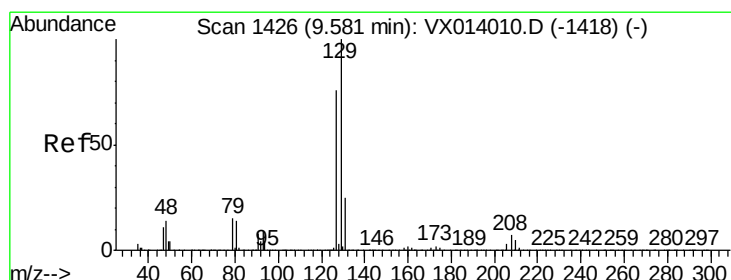
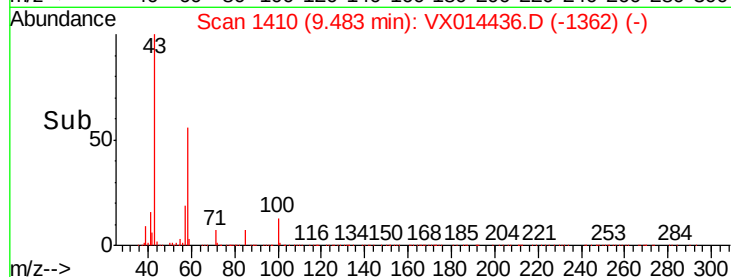
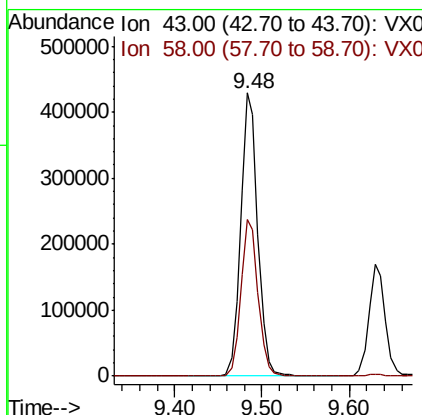
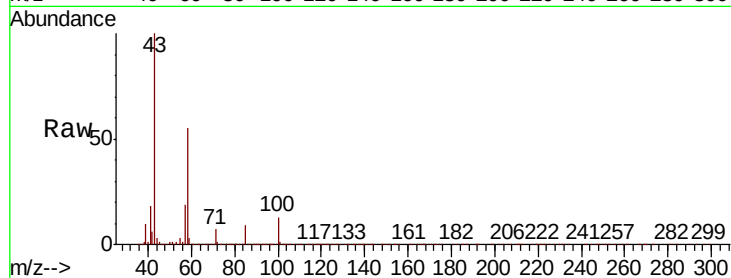




#59
2-Hexanone
Concen: 89.791 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014436.D
Acq: 06 Jan 2020 18:38

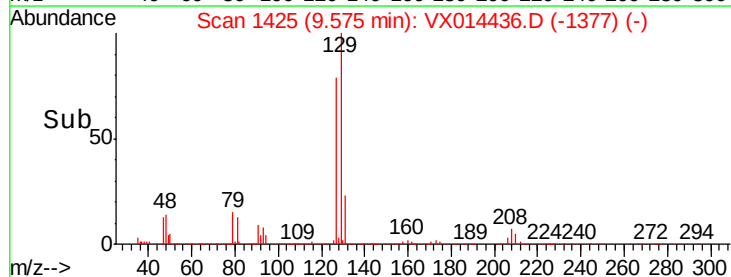
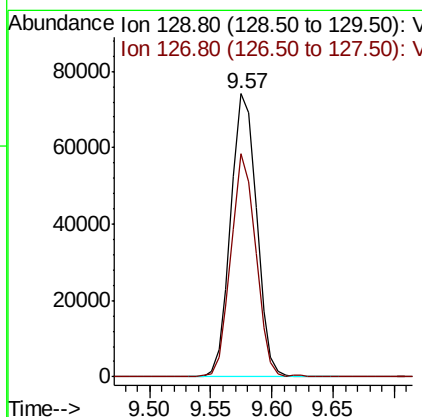
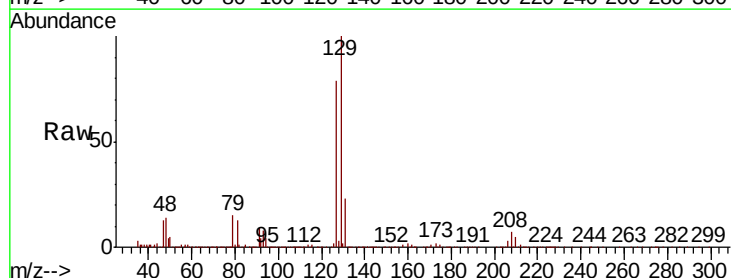
Instrument :
MSVOA_X
ClientSampleId :

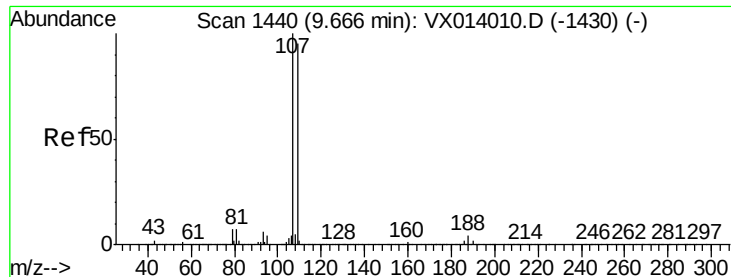
Tot Ion: 43 Resp: 581007
Ion Ratio Lower Upper
43 100
58 55.8 28.0 84.0



#60
Dibromochloromethane
Concen: 20.068 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014436.D
Acq: 06 Jan 2020 18:38

Tgt Ion: 129 Resp: 108893
Ion Ratio Lower Upper
129 100
127 75.5 38.4 115.2





#61

1,2-Dibromoethane

Concen: 19.165 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014436.D

Acq: 06 Jan 2020 18:38

Instrument :

MSVOA_X

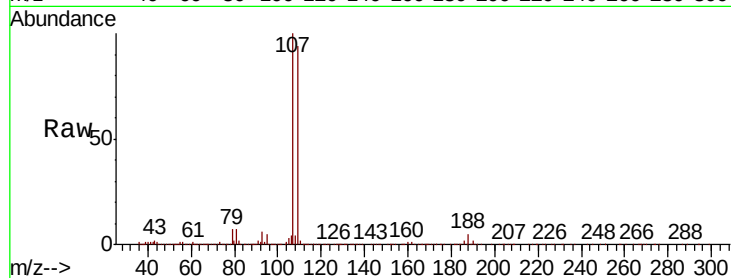
ClientSampleId :

Tot Ion:107 Resp: 107041

Ion Ratio Lower Upper

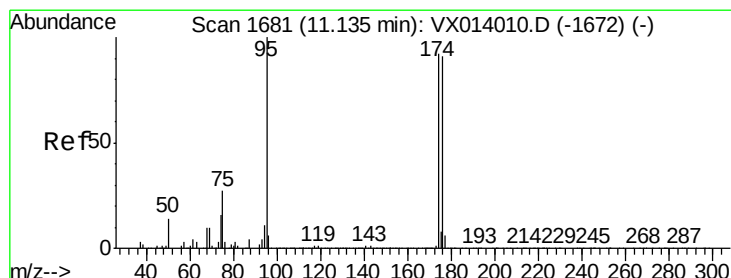
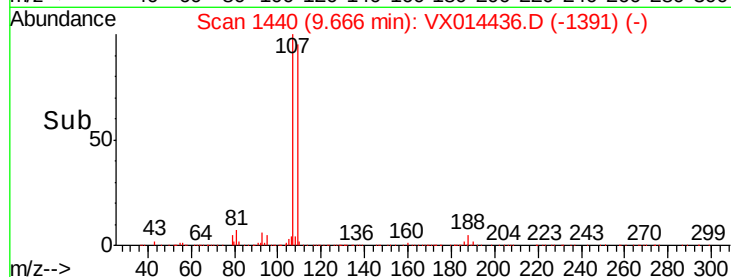
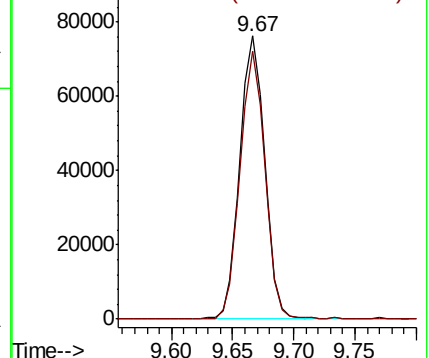
107 100

109 94.4 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.706 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014436.D

Acq: 06 Jan 2020 18:38

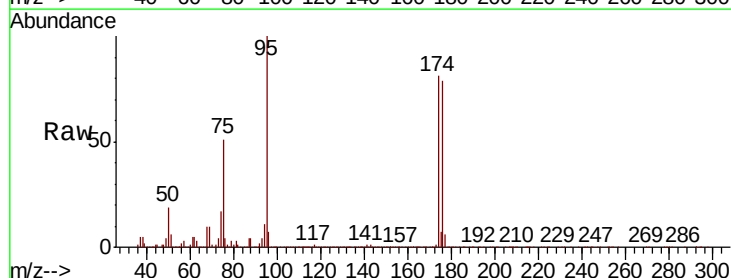
Tgt Ion: 95 Resp: 315011

Ion Ratio Lower Upper

95 100

174 88.1 0.0 175.8

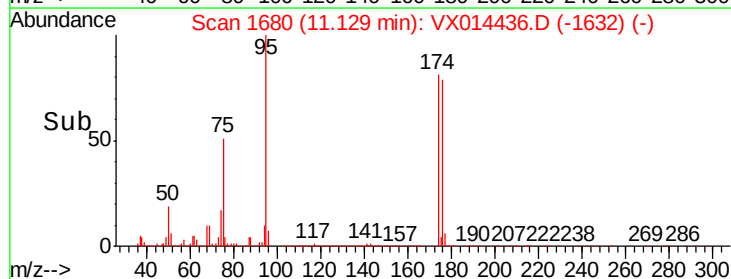
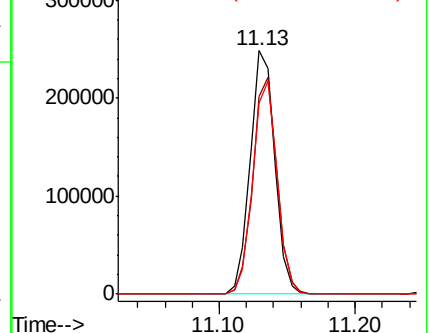
176 87.3 0.0 173.0

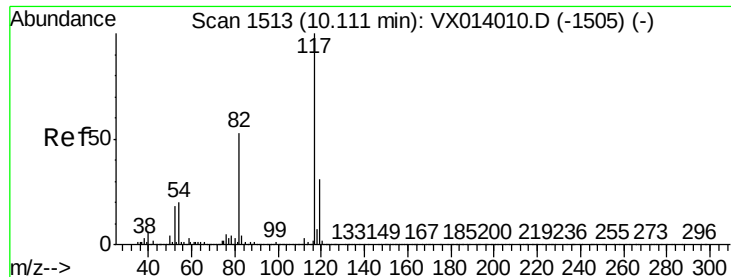


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

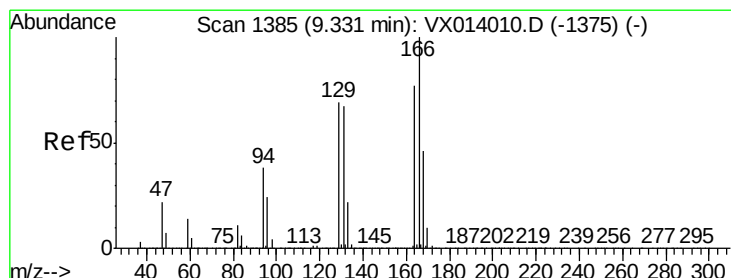
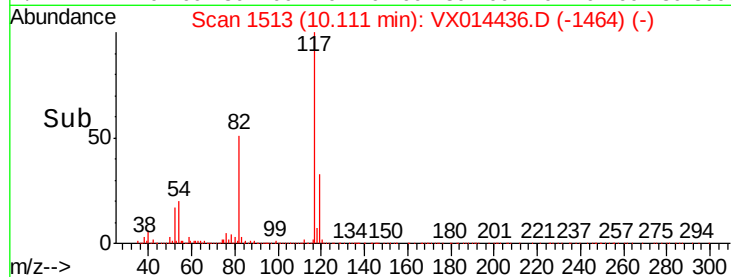
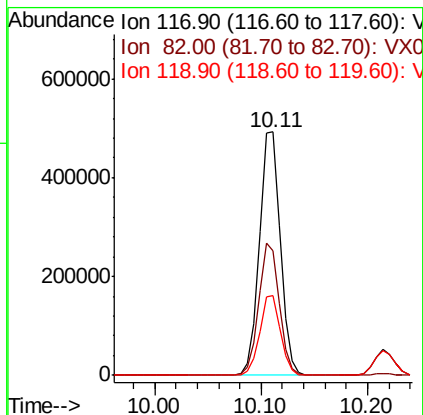
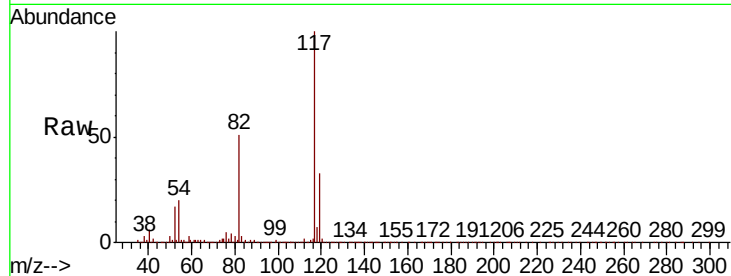




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014436.D
Acq: 06 Jan 2020 18:38

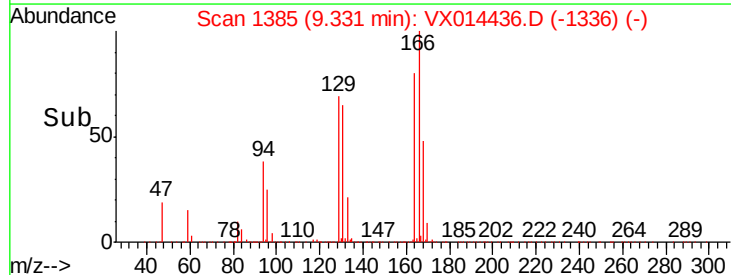
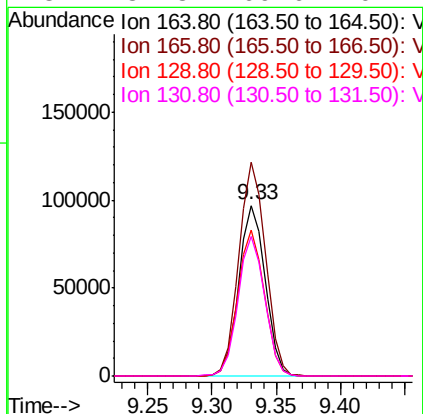
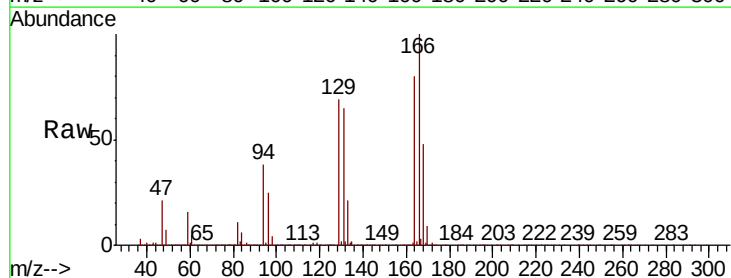
Instrument :
MSVOA_X
ClientSampleId :

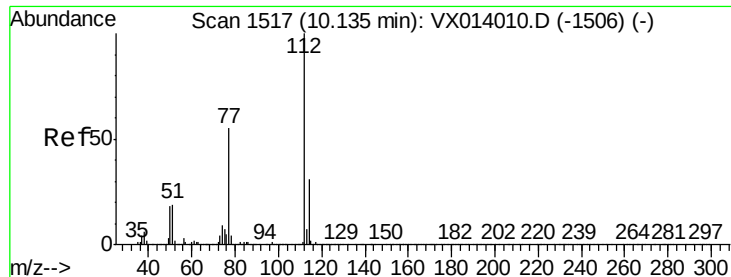
Tot Ion:117 Resp: 681472
Ion Ratio Lower Upper
117 100
82 51.2 42.2 63.4
119 32.9 25.1 37.7



#64
Tetrachloroethene
Concen: 22.905 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014436.D
Acq: 06 Jan 2020 18:38

Tgt Ion:164 Resp: 138120
Ion Ratio Lower Upper
164 100
166 125.3 104.0 156.0
129 85.7 72.2 108.4
131 81.8 69.6 104.4

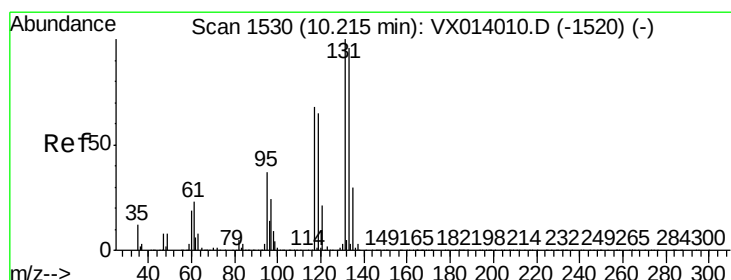
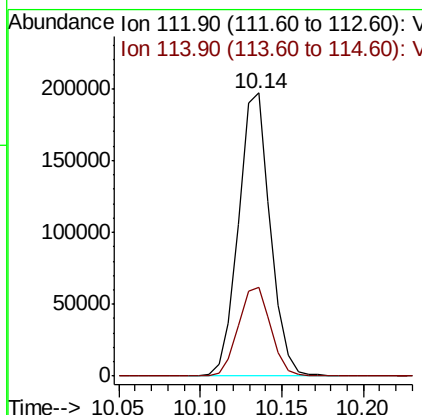
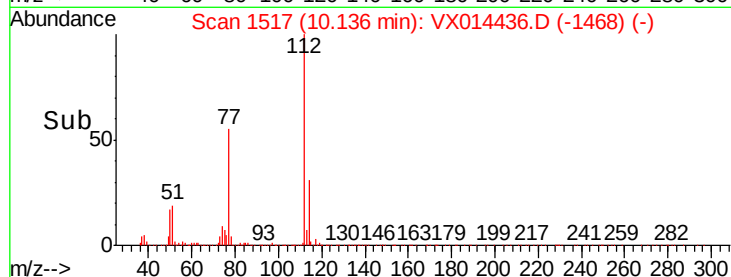
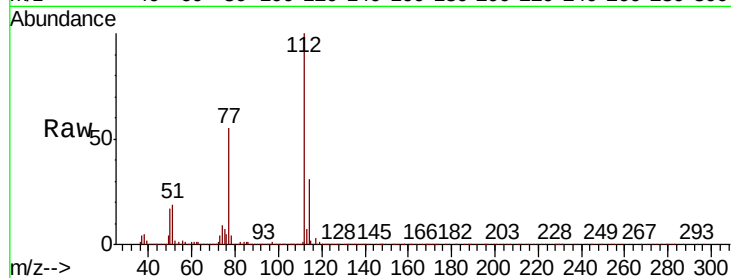




#65
Chlorobenzene
Concen: 18.449 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX014436.D
Acq: 06 Jan 2020 18:38

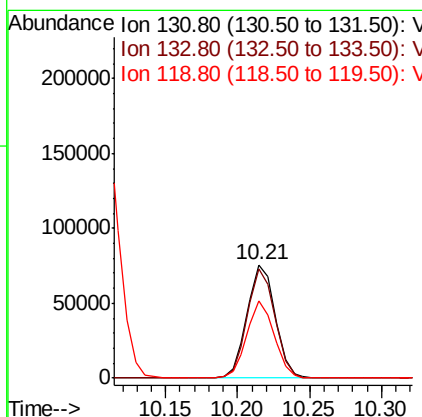
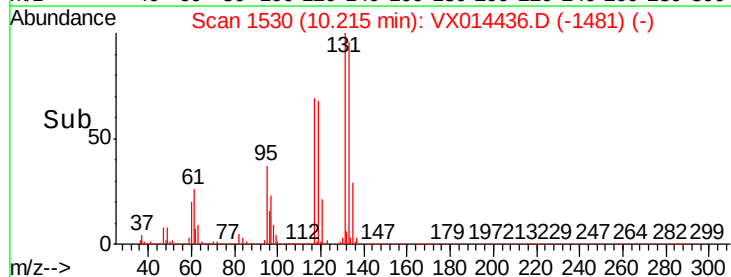
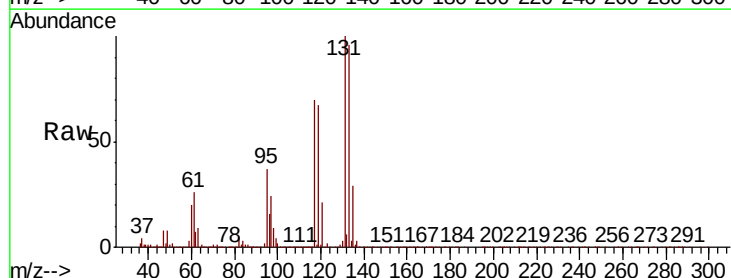
Instrument :
MSVOA_X
ClientSampleId :

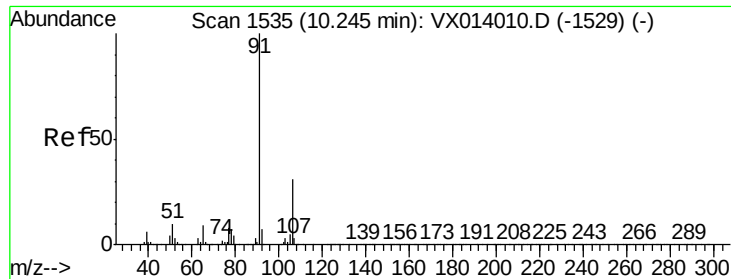
Tot Ion:112 Resp: 267322
Ion Ratio Lower Upper
112 100
114 31.3 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 19.879 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX014436.D
Acq: 06 Jan 2020 18:38

Tgt Ion:131 Resp: 102845
Ion Ratio Lower Upper
131 100
133 95.0 48.0 144.0
119 65.8 33.4 100.2

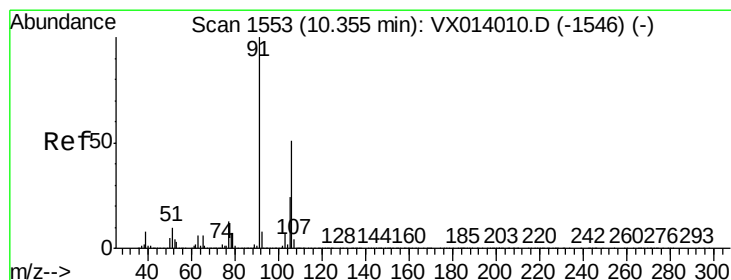
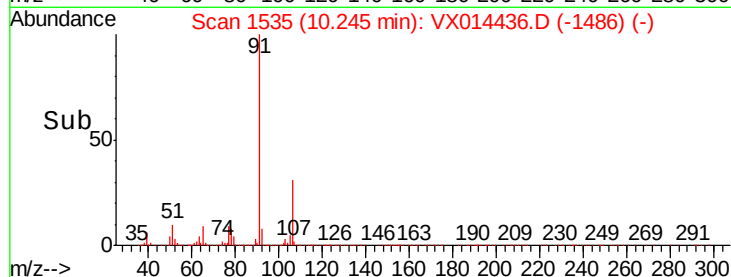
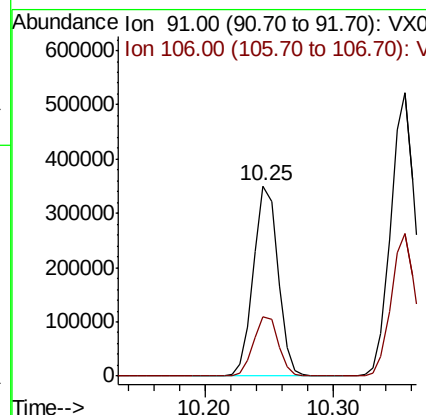
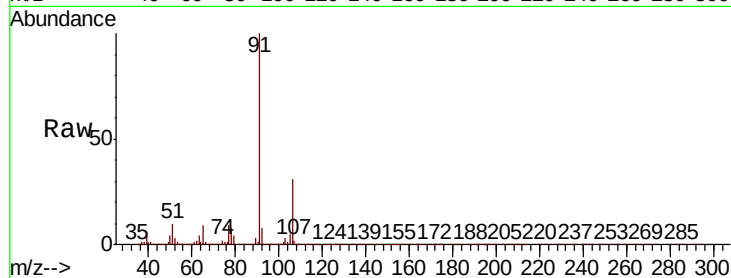




#67
Ethyl Benzene
Concen: 18.458 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX014436.D
Acq: 06 Jan 2020 18:38

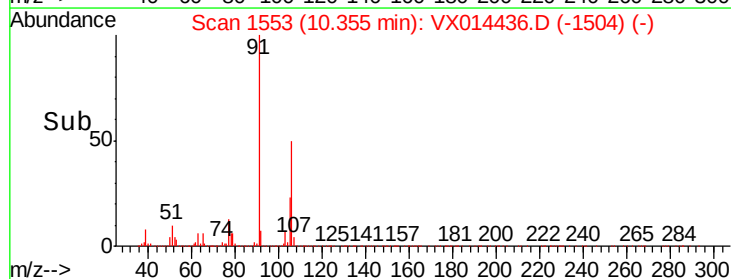
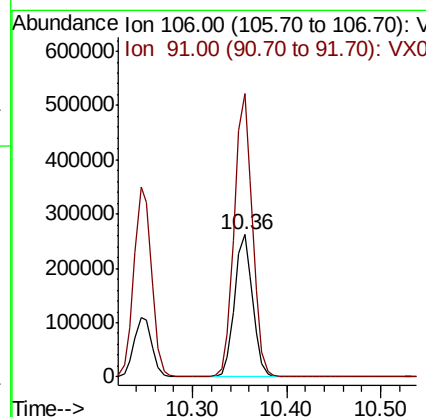
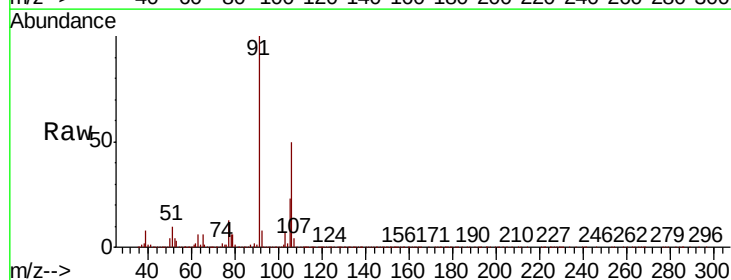
Instrument :
MSVOA_X
ClientSampled :

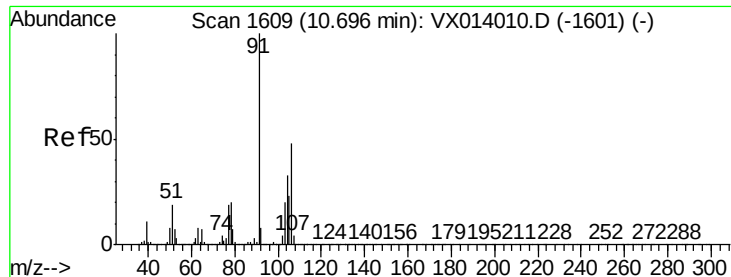
Tot Ion: 91 Resp: 459820
Ion Ratio Lower Upper
91 100
106 31.3 25.0 37.6



#68
m/p-Xylenes
Concen: 36.432 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014436.D
Acq: 06 Jan 2020 18:38

Tgt Ion: 106 Resp: 349061
Ion Ratio Lower Upper
106 100
91 200.1 158.6 238.0

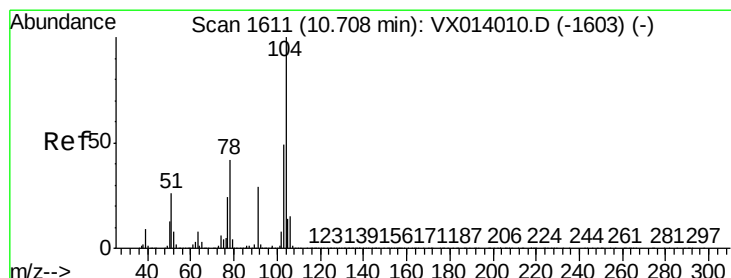
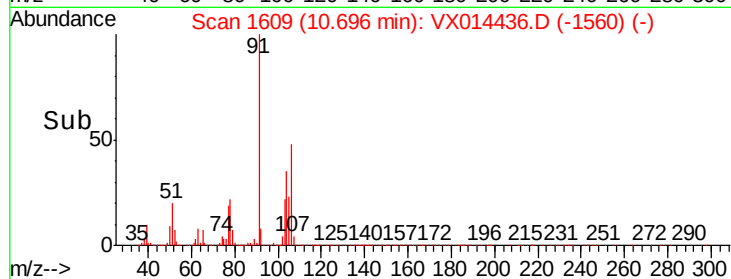
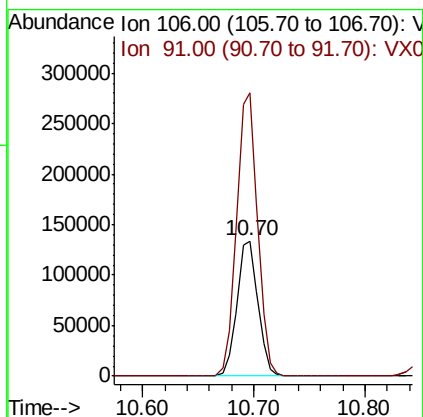
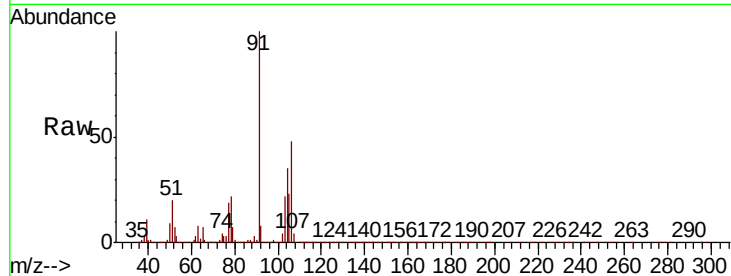




#69
o-Xylene
Concen: 18.546 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014436.D
Acq: 06 Jan 2020 18:38

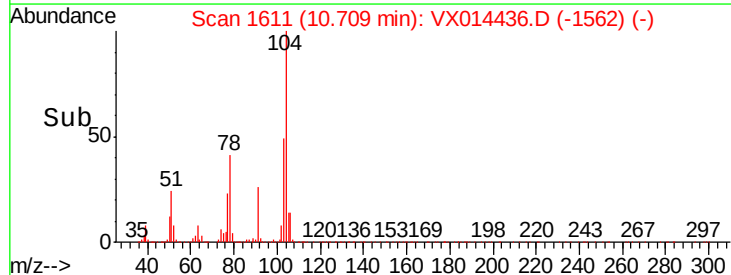
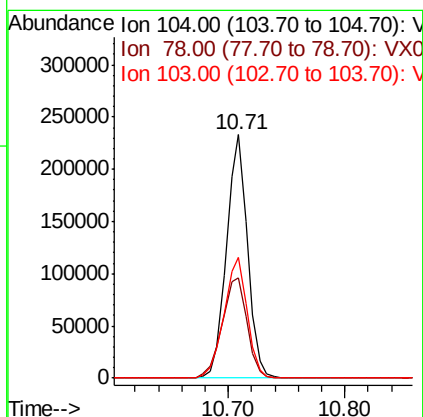
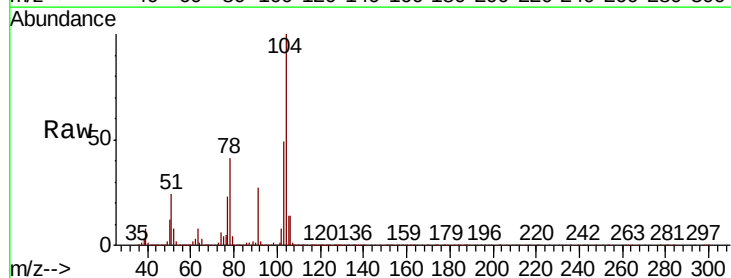
Instrument :
MSVOA_X
ClientSampled :

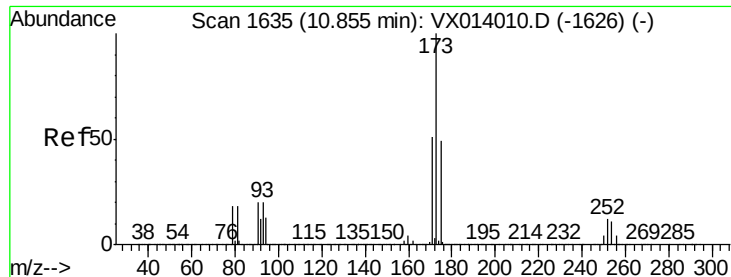
Tot Ion:106 Resp: 174269
Ion Ratio Lower Upper
106 100
91 208.8 104.2 312.6



#70
Styrene
Concen: 18.371 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014436.D
Acq: 06 Jan 2020 18:38

Tgt Ion:104 Resp: 291913
Ion Ratio Lower Upper
104 100
78 48.5 38.5 57.7
103 54.8 42.9 64.3





#71

Bromoform

Concen: 19.199 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX014436.D

Acq: 06 Jan 2020 18:38

Instrument :

MSVOA_X

ClientSampleId :

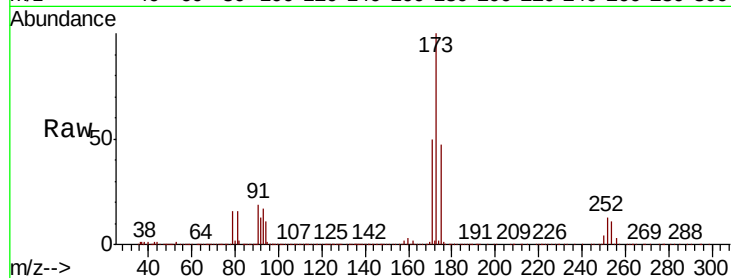
Tot Ion:173 Resp: 79843

Ion Ratio Lower Upper

173 100

175 49.9 24.4 73.4

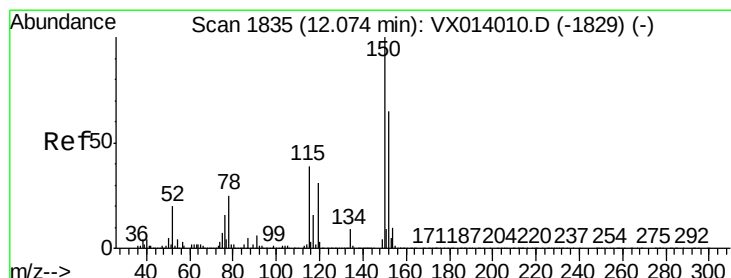
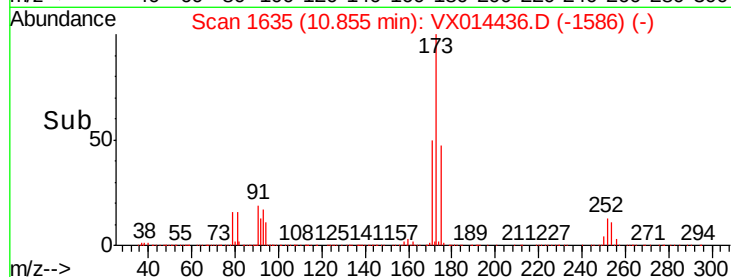
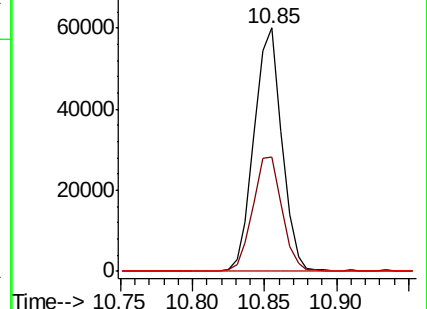
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014436.D

Acq: 06 Jan 2020 18:38

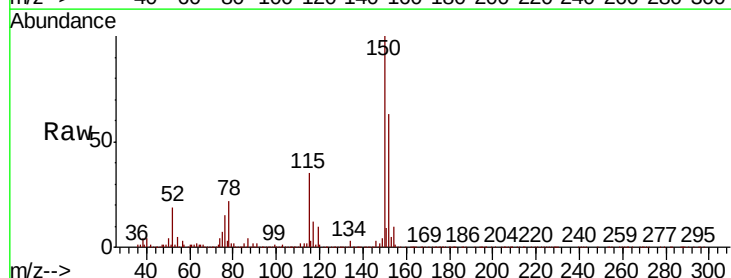
Tgt Ion:152 Resp: 333337

Ion Ratio Lower Upper

152 100

115 65.2 38.3 114.9

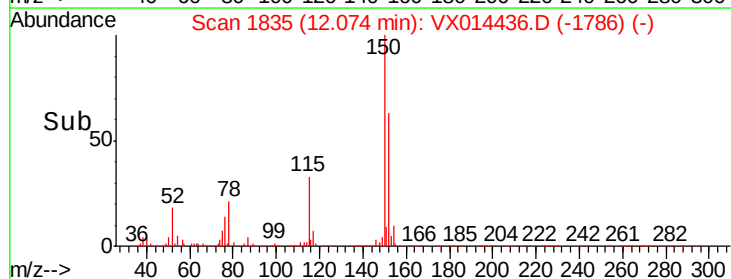
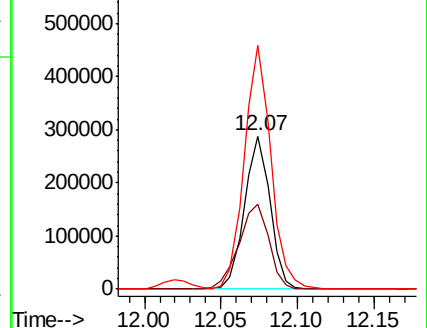
150 165.1 0.0 345.4

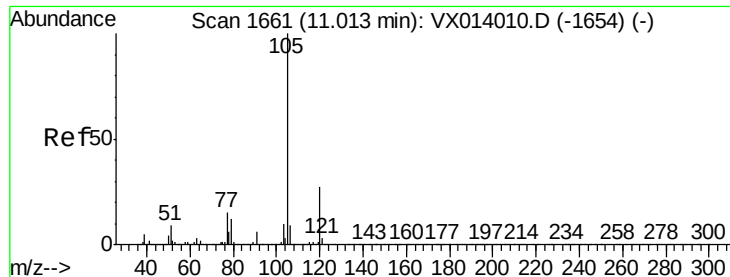


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

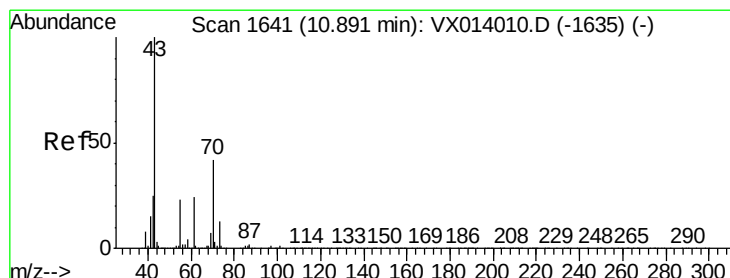
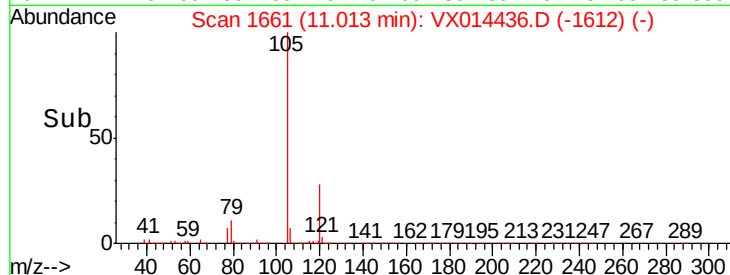
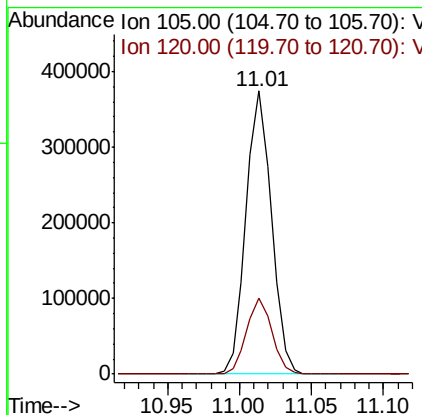
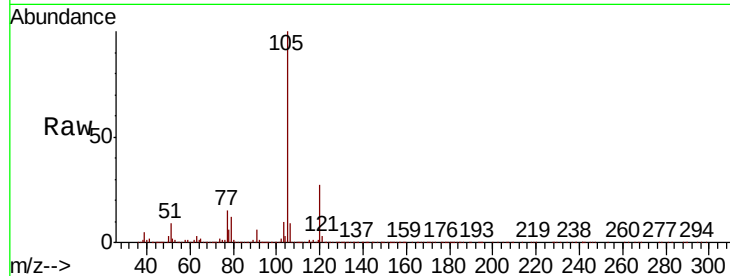




#73
Isopropylbenzene
Concen: 19.490 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX014436.D
Acq: 06 Jan 2020 18:38

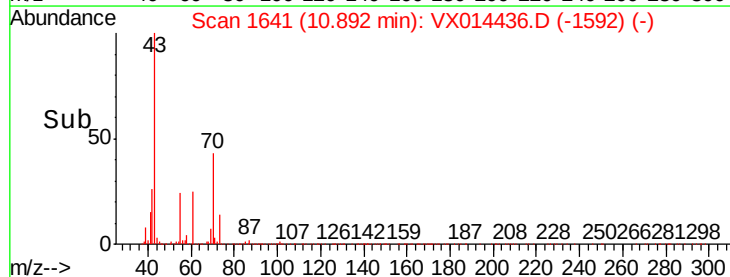
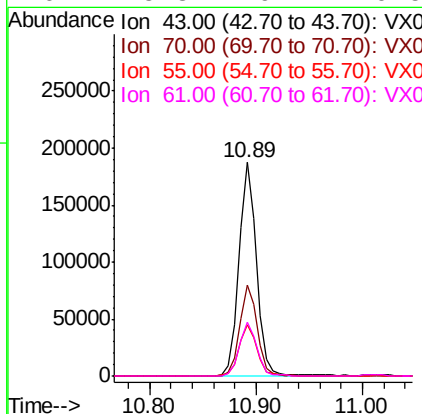
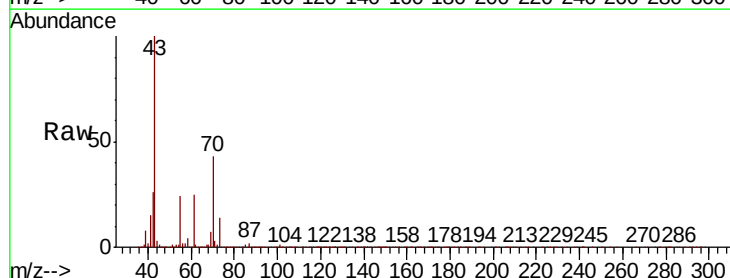
Instrument :
MSVOA_X
ClientSampleId :

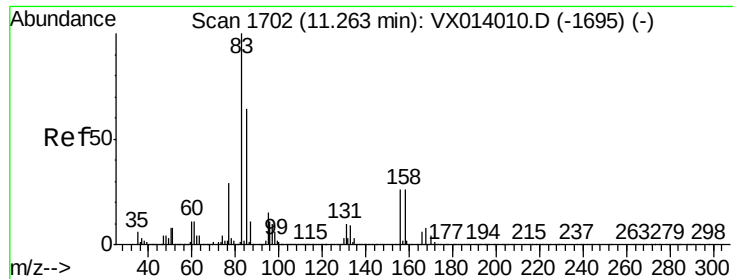
Tot Ion:105 Resp: 457422
Ion Ratio Lower Upper
105 100
120 26.7 13.5 40.4



#74
N-ethyl acetate
Concen: 19.566 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX014436.D
Acq: 06 Jan 2020 18:38

Tgt Ion: 43 Resp: 215247
Ion Ratio Lower Upper
43 100
70 42.8 34.4 51.6
55 24.9 19.1 28.7
61 25.3 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 18.277 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014436.D

Acq: 06 Jan 2020 18:38

Instrument :

MSVOA_X

ClientSampleId :

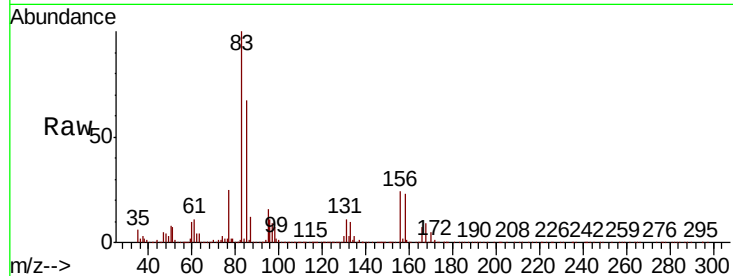
Tot Ion: 83 Resp: 148714

Ion Ratio Lower Upper

83 100

131 10.6 5.1 15.2

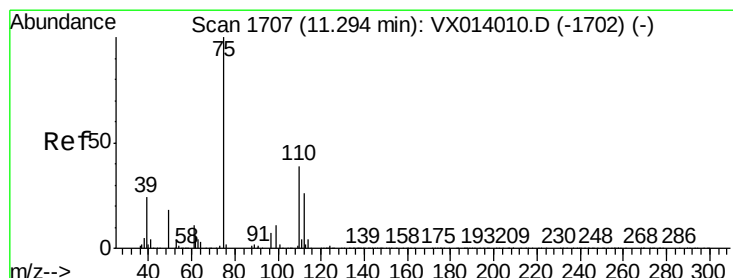
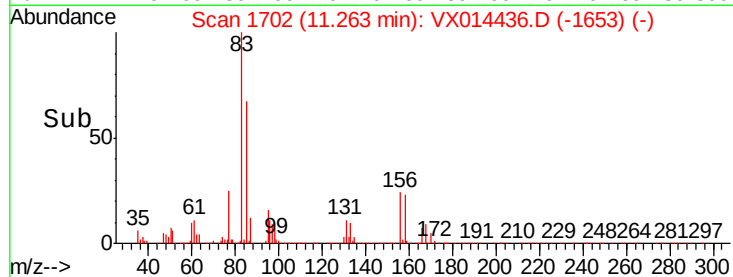
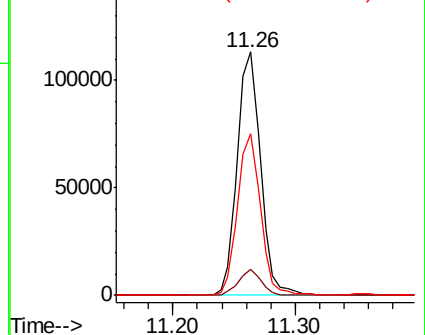
85 65.0 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.375 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014436.D

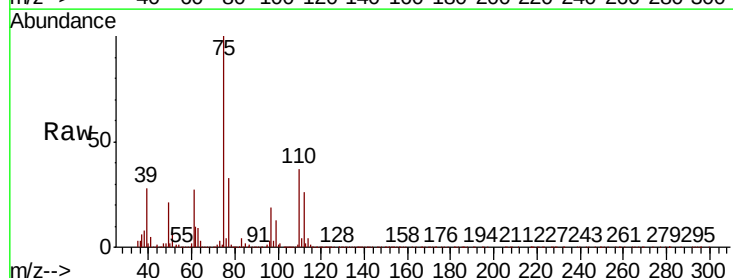
Acq: 06 Jan 2020 18:38

Tgt Ion: 75 Resp: 176395

Ion Ratio Lower Upper

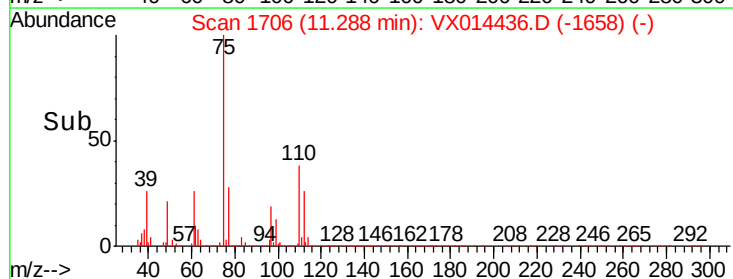
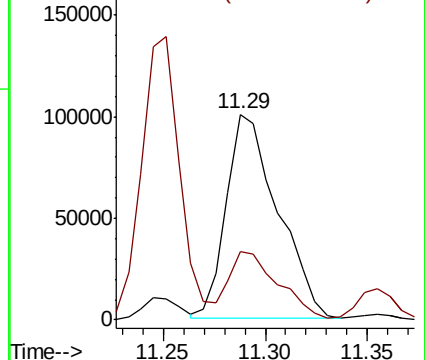
75 100

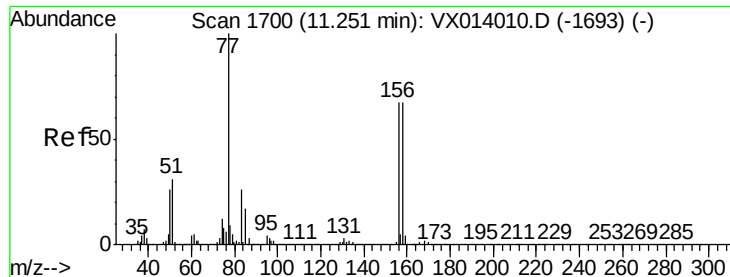
77 31.5 19.3 57.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.958 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014436.D

Acq: 06 Jan 2020 18:38

Instrument :

MSVOA_X

ClientSampleId :

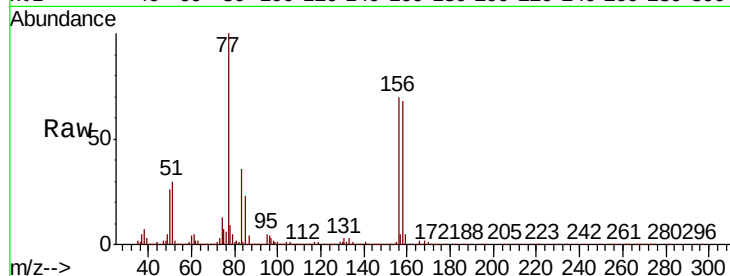
Tot Ion:156 Resp: 122417

Ion Ratio Lower Upper

156 100

77 148.1 76.5 229.5

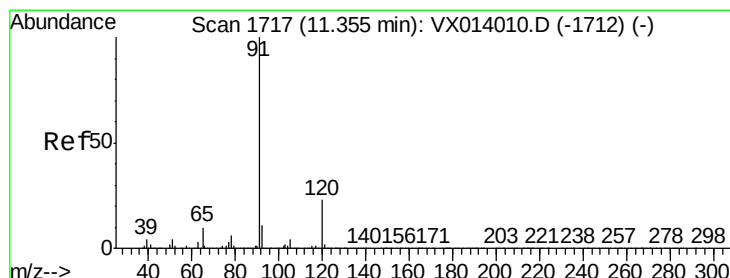
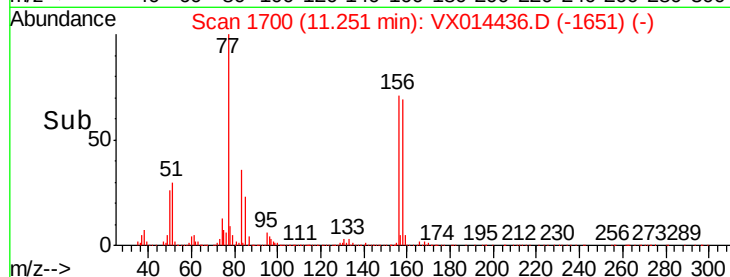
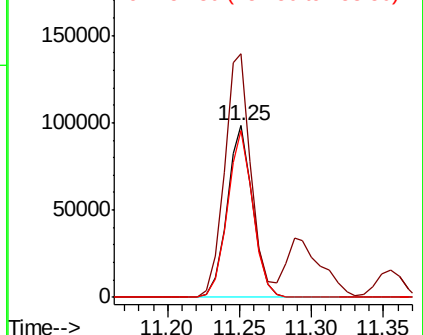
158 97.0 49.3 147.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.997 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014436.D

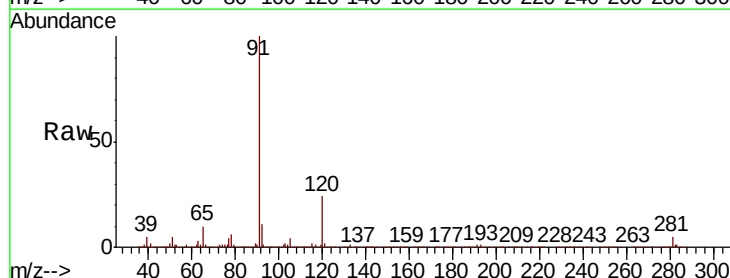
Acq: 06 Jan 2020 18:38

Tgt Ion: 91 Resp: 500099

Ion Ratio Lower Upper

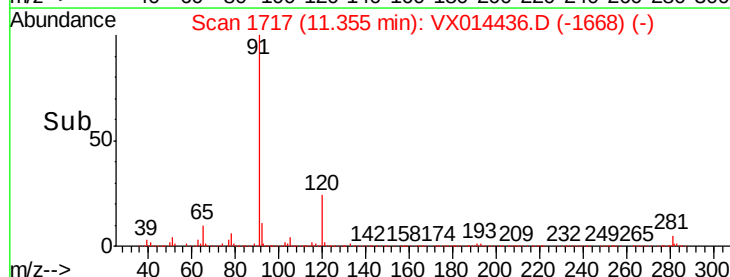
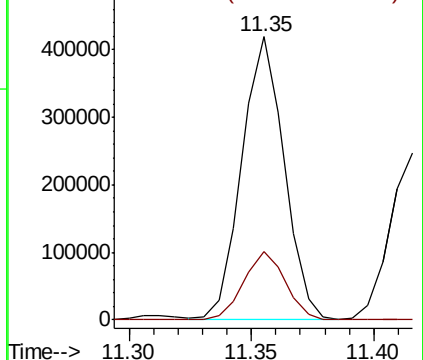
91 100

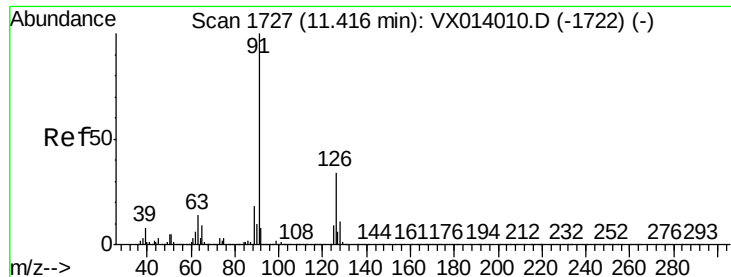
120 24.1 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.001 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014436.D

Acq: 06 Jan 2020 18:38

Instrument :

MSVOA_X

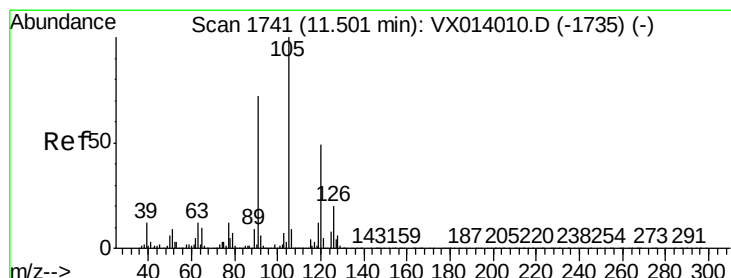
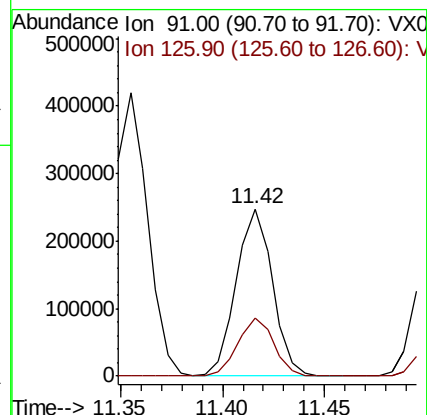
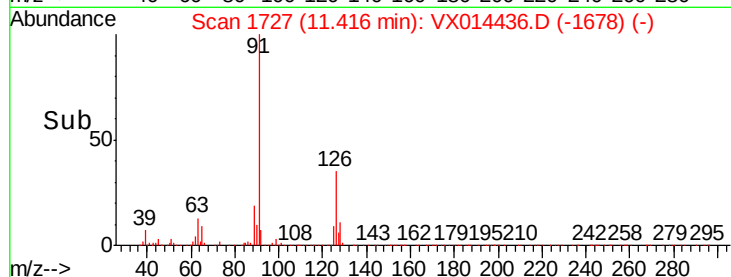
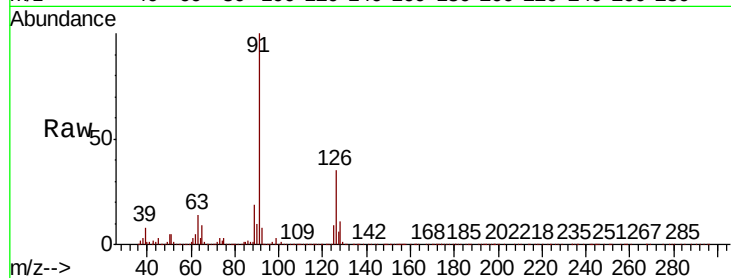
ClientSampleId :

Tot Ion: 91 Resp: 304054

Ion Ratio Lower Upper

91 100

126 34.5 17.2 51.6



#80

1,3,5-Trimethylbenzene

Concen: 19.250 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014436.D

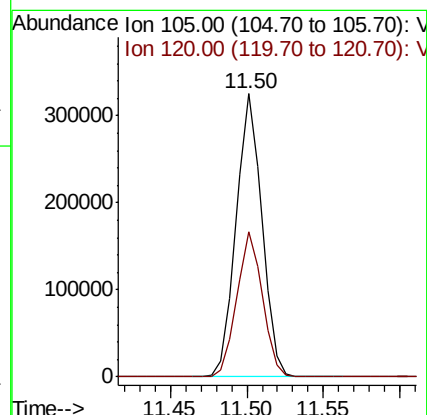
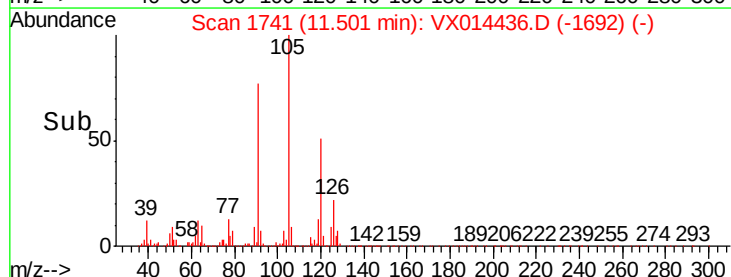
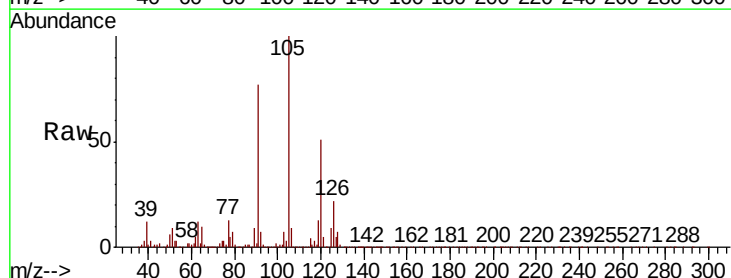
Acq: 06 Jan 2020 18:38

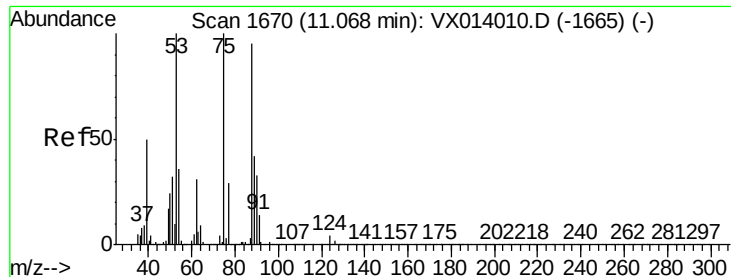
Tgt Ion: 105 Resp: 380234

Ion Ratio Lower Upper

105 100

120 51.1 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 18.891 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014436.D

Acq: 06 Jan 2020 18:38

Instrument :

MSVOA_X

ClientSampleId :

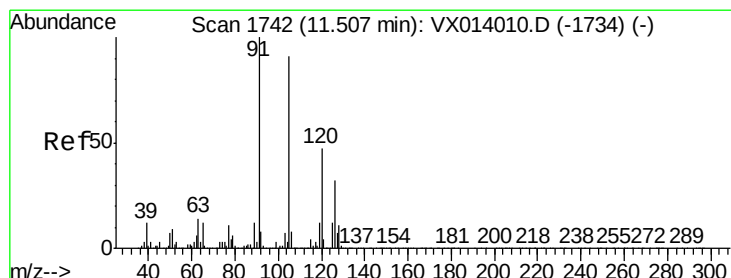
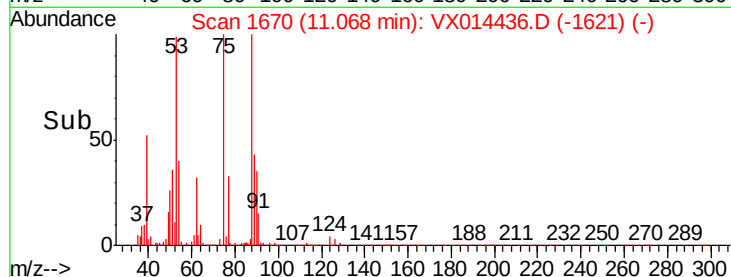
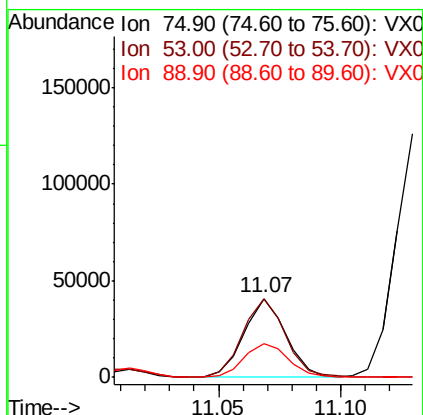
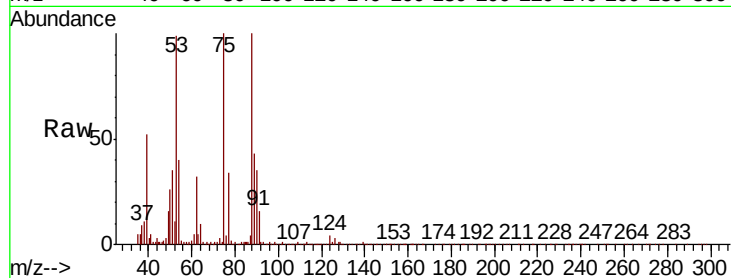
Tot Ion: 75 Resp: 48436

Ion Ratio Lower Upper

75 100

53 100.7 76.7 115.1

89 46.2 34.6 51.8



#82

4-Chlorotoluene

Concen: 18.665 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014436.D

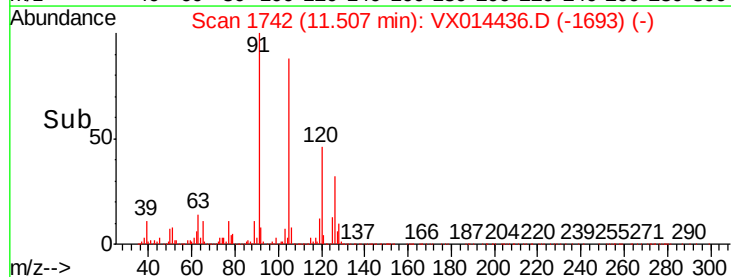
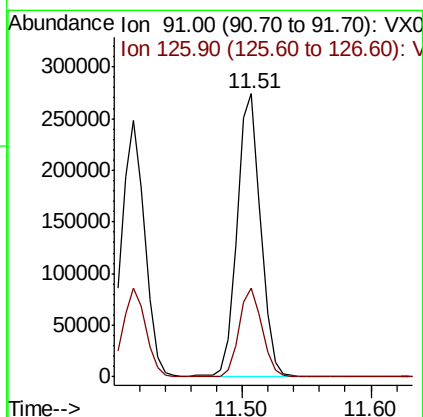
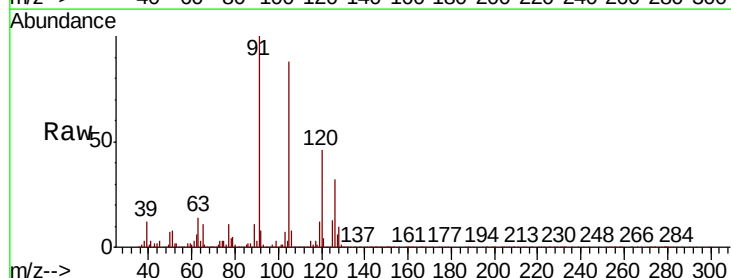
Acq: 06 Jan 2020 18:38

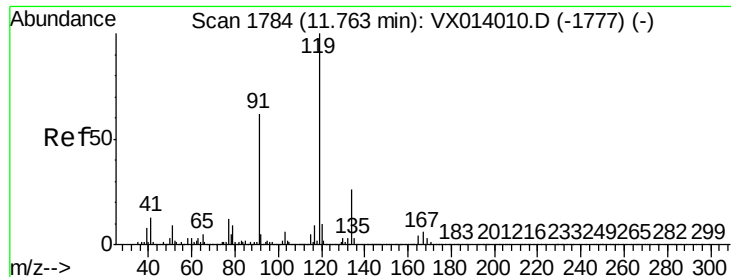
Tgt Ion: 91 Resp: 346462

Ion Ratio Lower Upper

91 100

126 30.8 15.6 46.8

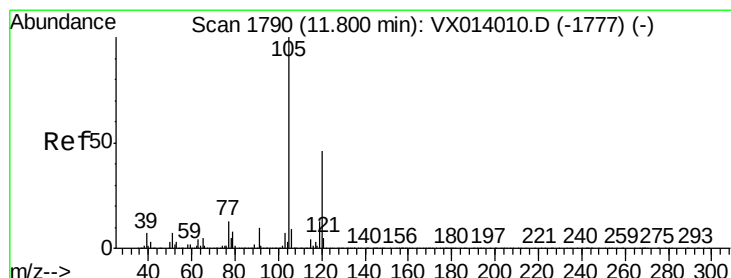
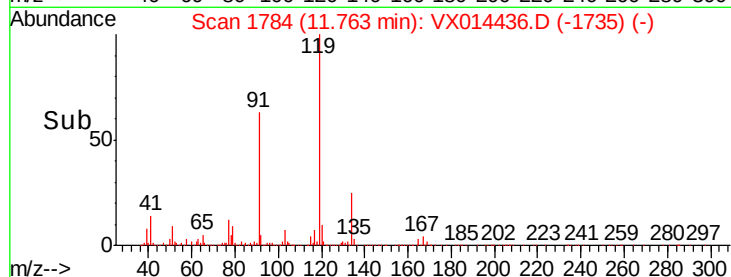
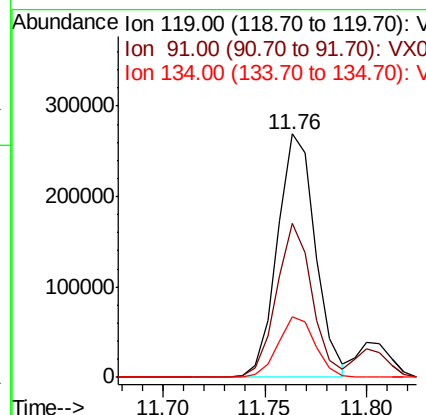
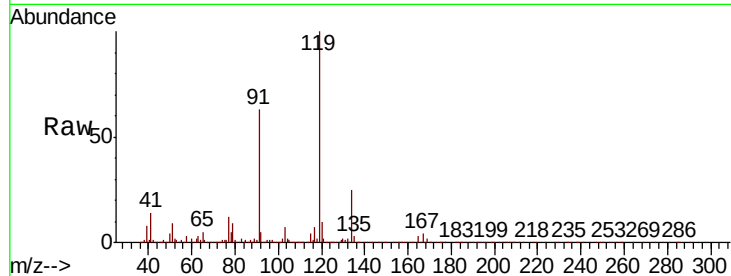




#83
tert-Butylbenzene
Concen: 18.262 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014436.D
Acq: 06 Jan 2020 18:38

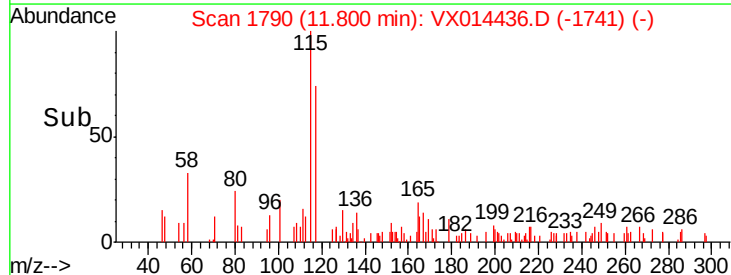
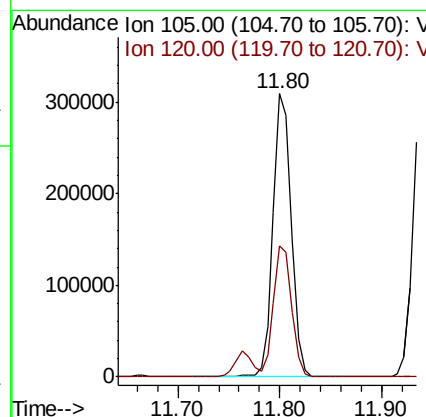
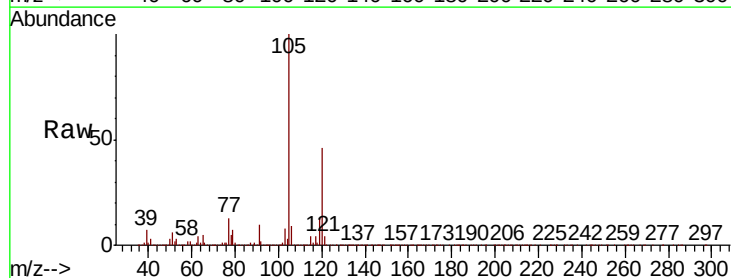
Instrument :
MSVOA_X
ClientSampleId :

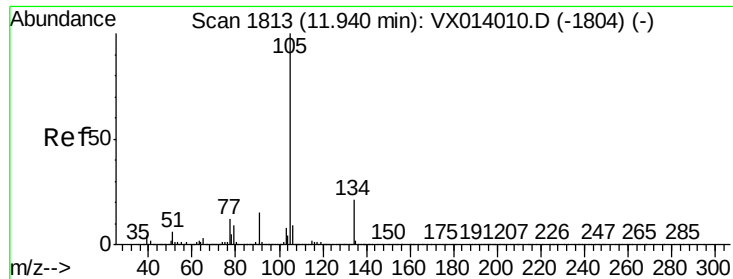
Tot Ion:119 Resp: 351038
Ion Ratio Lower Upper
119 100
91 59.1 28.5 85.6
134 24.6 12.2 36.6



#84
1,2,4-Trimethylbenzene
Concen: 19.319 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX014436.D
Acq: 06 Jan 2020 18:38

Tgt Ion:105 Resp: 382133
Ion Ratio Lower Upper
105 100
120 46.0 23.1 69.2





#85

sec-Butylbenzene

Concen: 19.426 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014436.D

Acq: 06 Jan 2020 18:38

Instrument :

MSVOA_X

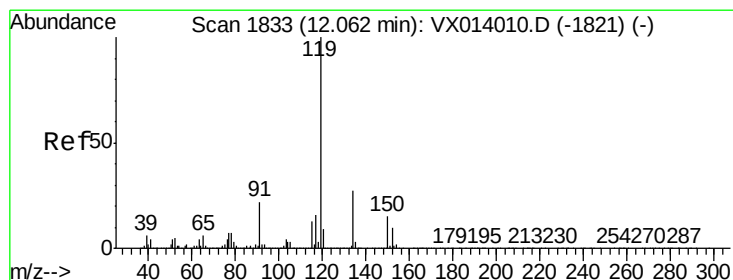
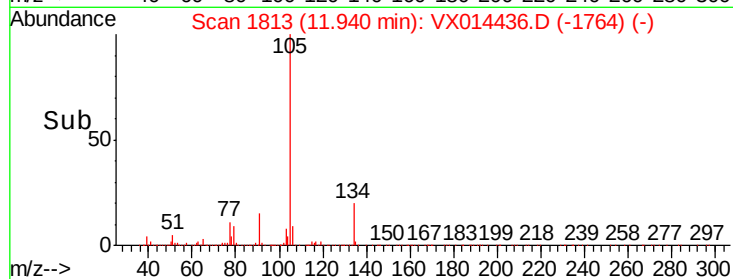
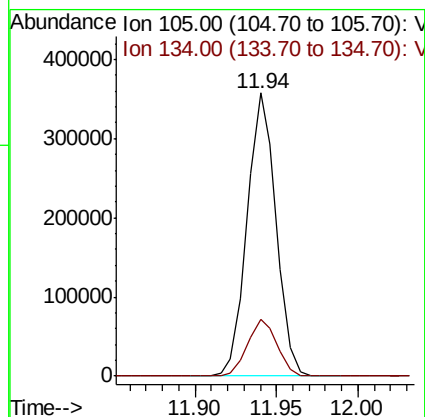
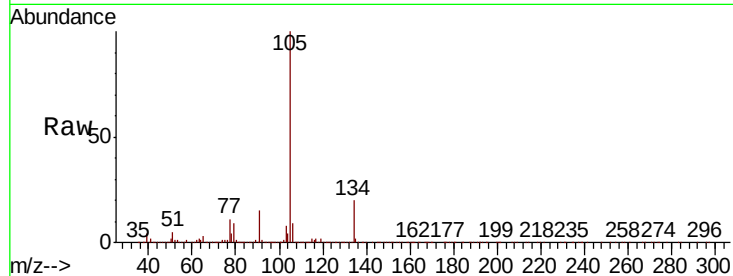
ClientSampleId :

Tot Ion:105 Resp: 440809

Ion Ratio Lower Upper

105 100

134 20.5 10.4 31.1



#86

p-Isopropyltoluene

Concen: 19.202 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014436.D

Acq: 06 Jan 2020 18:38

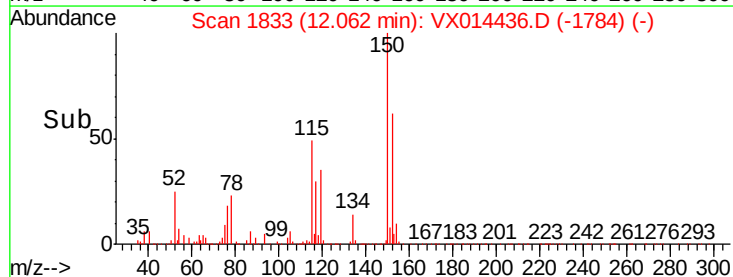
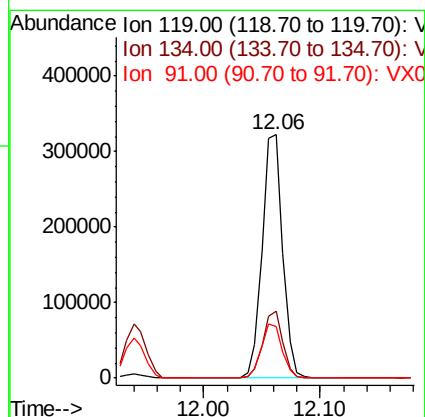
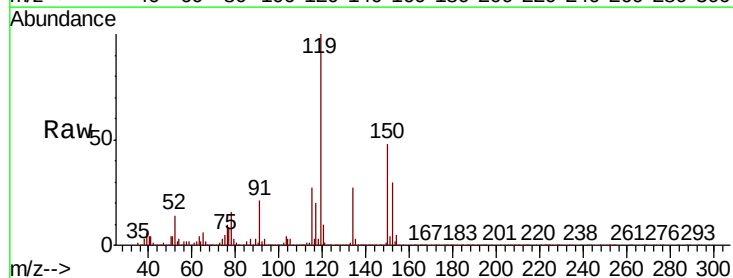
Tgt Ion:119 Resp: 398582

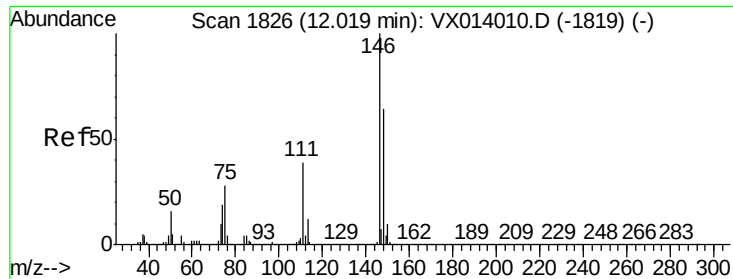
Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

91 22.5 11.4 34.1

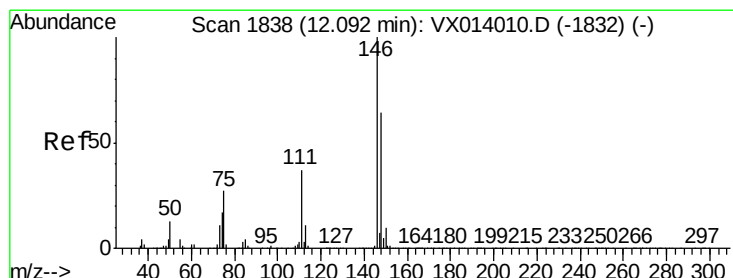
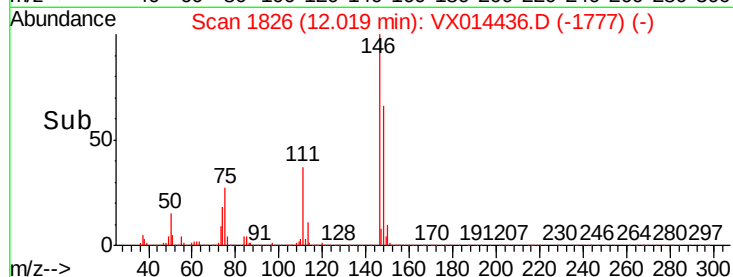
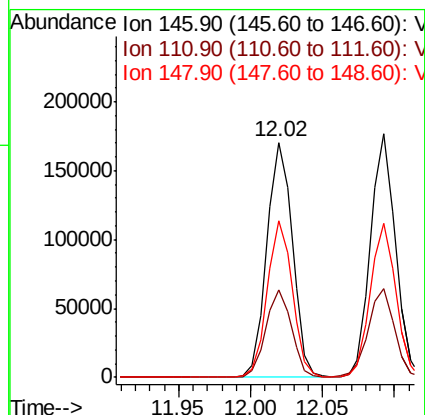
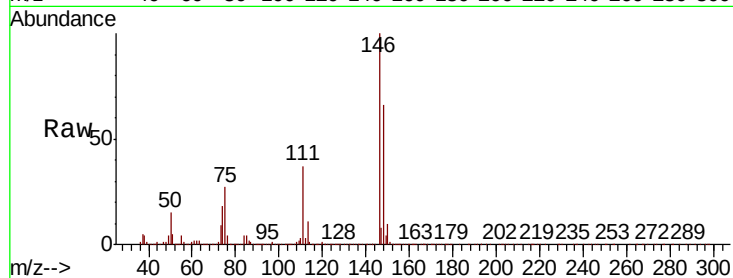




#87
 1,3-Dichlorobenzene
 Concen: 18.562 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014436.D
 Acq: 06 Jan 2020 18:38

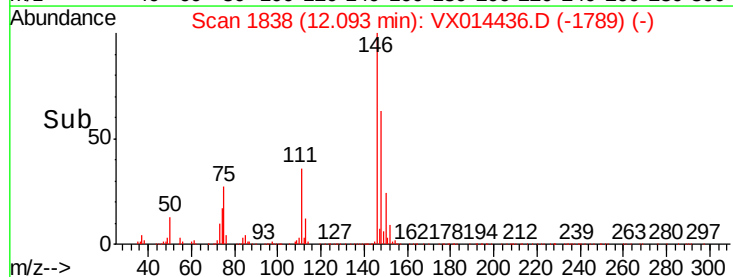
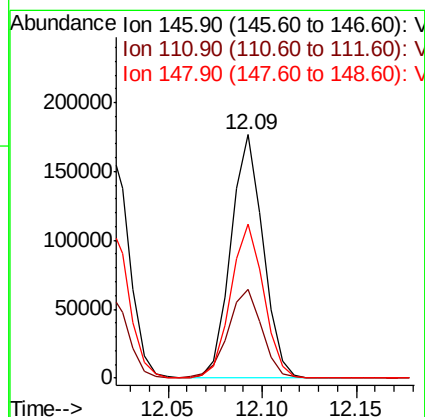
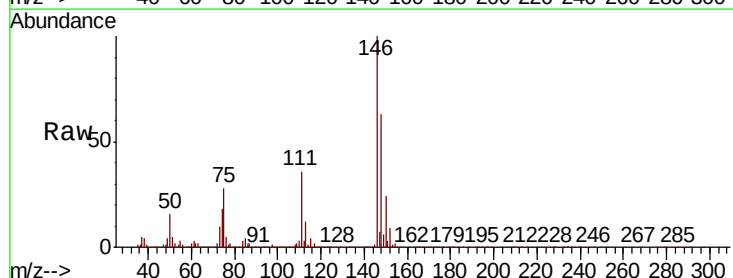
Instrument :
 MSVOA_X
 ClientSampleId :

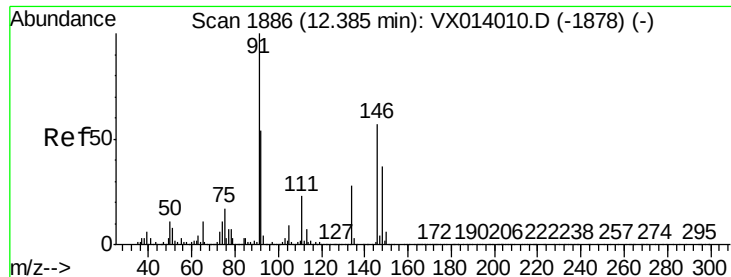
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.1	19.1	57.1
148	64.8	32.3	96.9



#88
 1,4-Dichlorobenzene
 Concen: 18.165 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014436.D
 Acq: 06 Jan 2020 18:38

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	18.7	56.1
148	64.6	31.9	95.9





#89

n-Butylbenzene

Concen: 18.535 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014436.D

Acq: 06 Jan 2020 18:38

Instrument :

MSVOA_X

ClientSampleId :

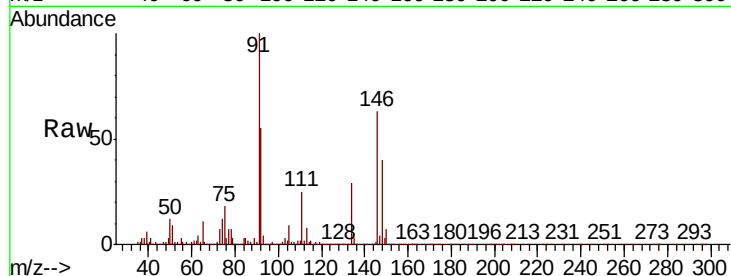
Tot Ion: 91 Resp: 328290

Ion Ratio Lower Upper

91 100

92 54.9 27.2 81.6

134 28.0 13.4 40.1

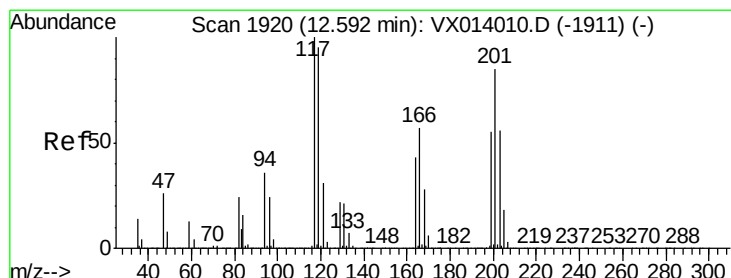
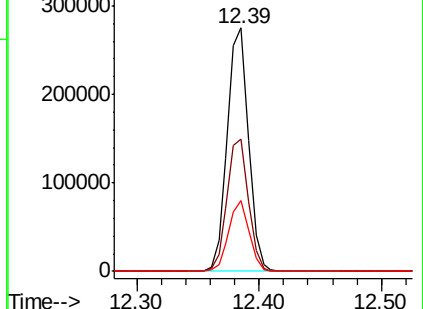
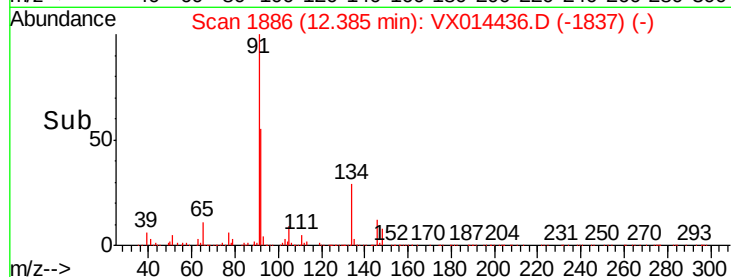


Abundance Ion 91.00 (90.70 to 91.70): VX014010.D (-1878) (-)

Ion 92.00 (91.70 to 92.70): VX014010.D (-1878) (-)

Ion 134.00 (133.70 to 134.70): VX014010.D (-1878) (-)

Time-->



#90

Hexachloroethane

Concen: 18.801 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX014436.D

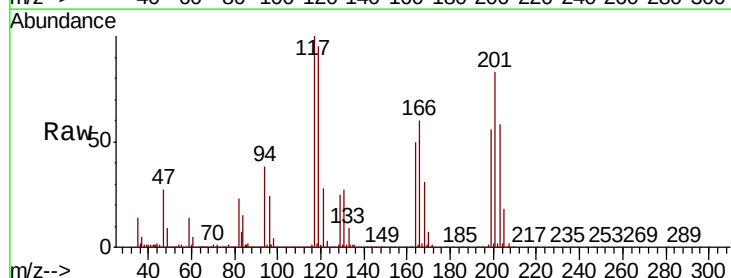
Acq: 06 Jan 2020 18:38

Tgt Ion: 117 Resp: 70096

Ion Ratio Lower Upper

117 100

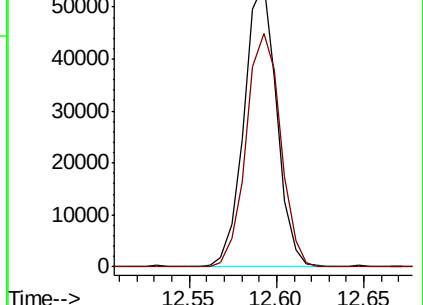
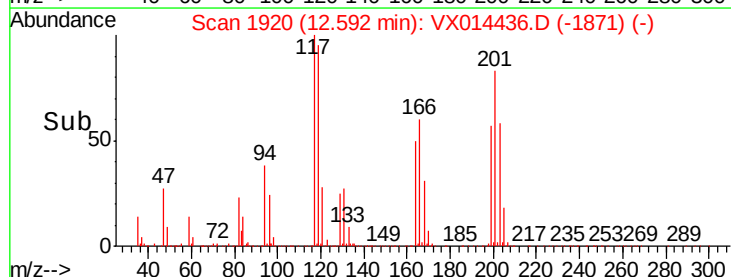
201 87.6 43.1 129.3

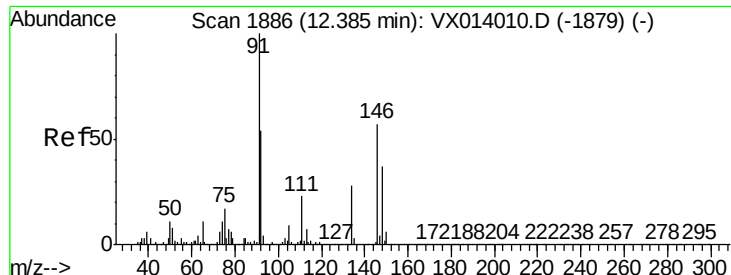


Abundance Ion 116.80 (116.50 to 117.50): VX014010.D (-1911) (-)

Ion 200.70 (200.40 to 201.40): VX014010.D (-1911) (-)

Time-->





#91

1,2-Dichlorobenzene

Concen: 18.834 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014436.D

Acq: 06 Jan 2020 18:38

Instrument :

MSVOA_X

ClientSampleId :

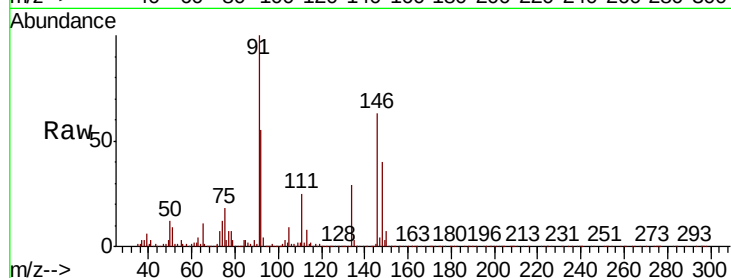
Tot Ion:146 Resp: 214571

Ion Ratio Lower Upper

146 100

111 39.4 19.7 59.1

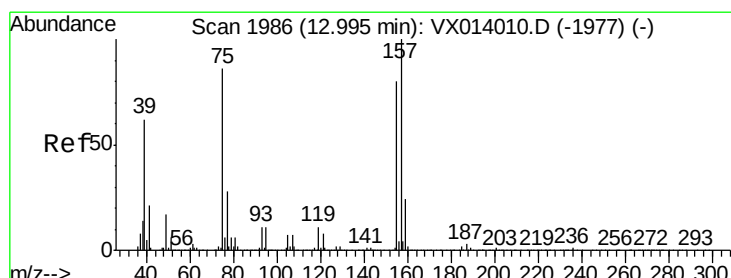
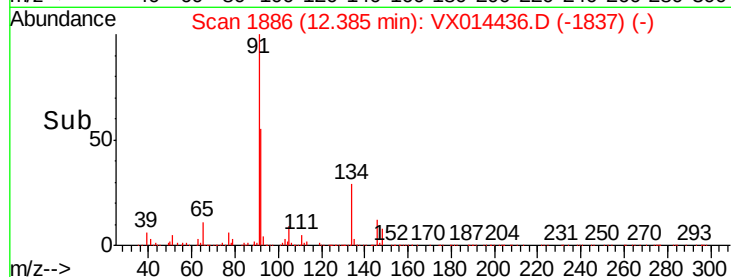
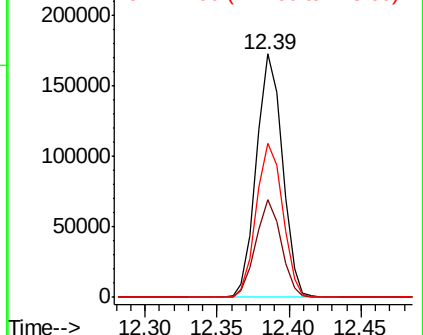
148 64.3 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.592 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX014436.D

Acq: 06 Jan 2020 18:38

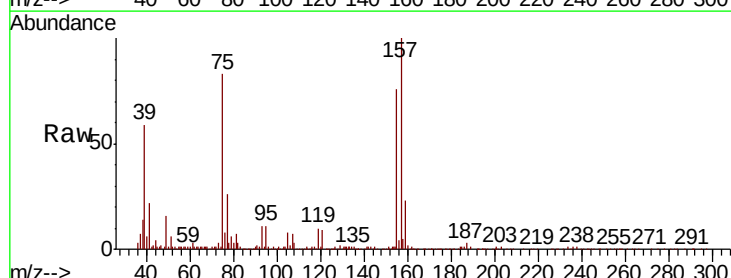
Tgt Ion: 75 Resp: 33476

Ion Ratio Lower Upper

75 100

155 98.1 46.9 140.6

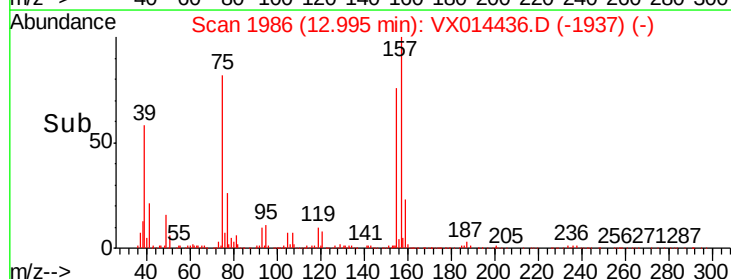
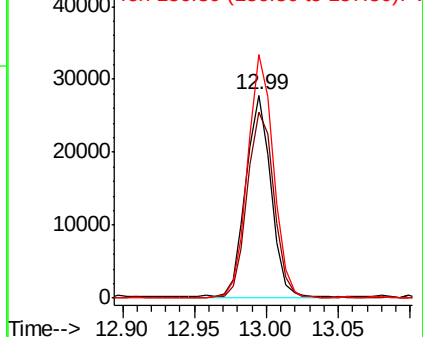
157 123.2 60.8 182.4

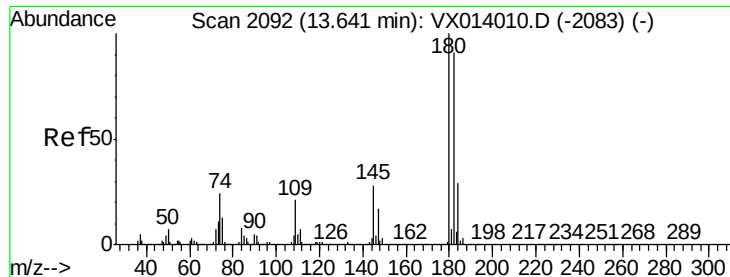


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

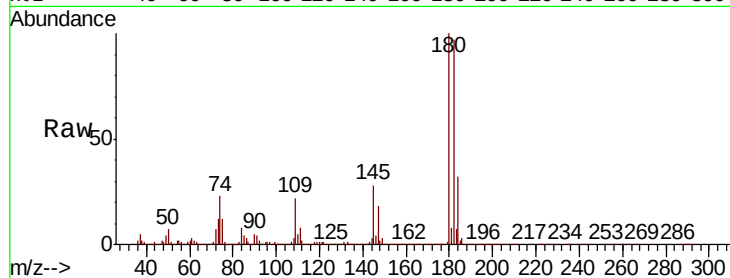




#93
 1,2,4-Trichlorobenzene
 Concen: 18.798 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014436.D
 Acq: 06 Jan 2020 18:38

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.7	46.6	139.8
145	28.7	14.2	42.6

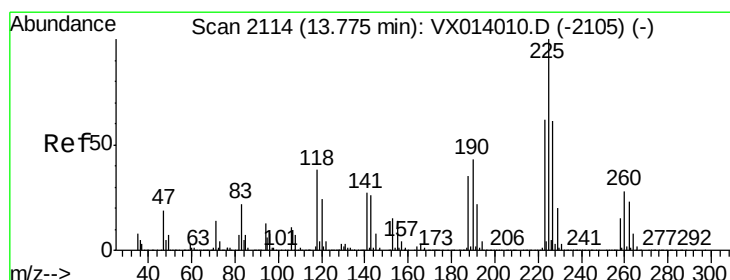
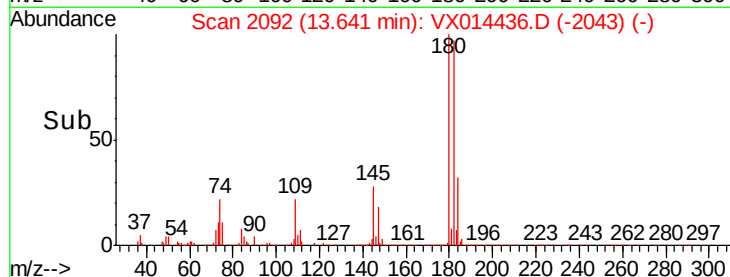
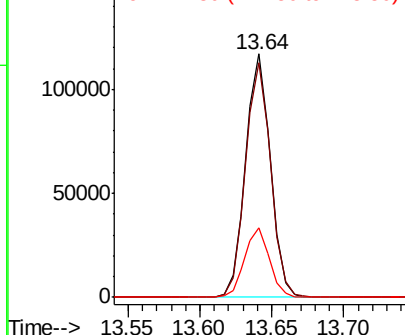


Abundance

Ion 179.80 (179.50 to 180.50): V

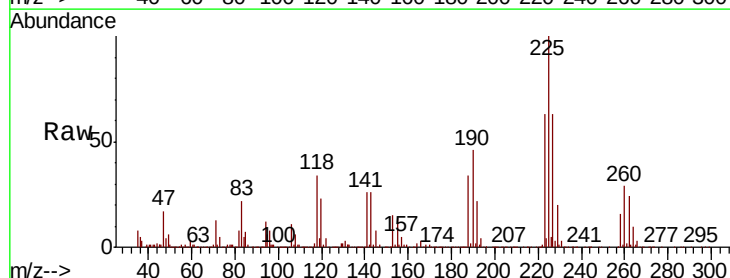
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 19.142 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014436.D
 Acq: 06 Jan 2020 18:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.5	30.9	92.5
227	63.8	30.9	92.7

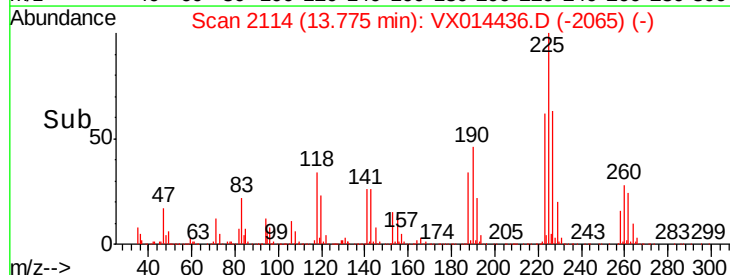
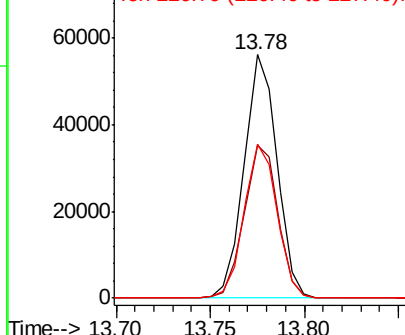


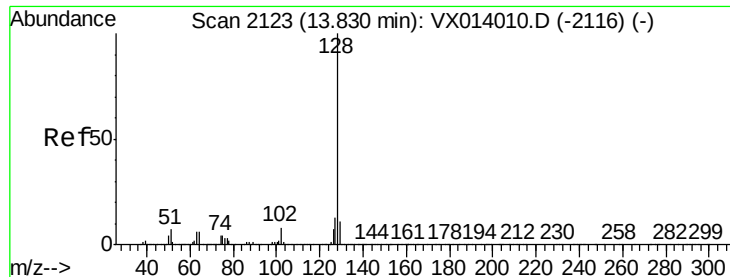
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

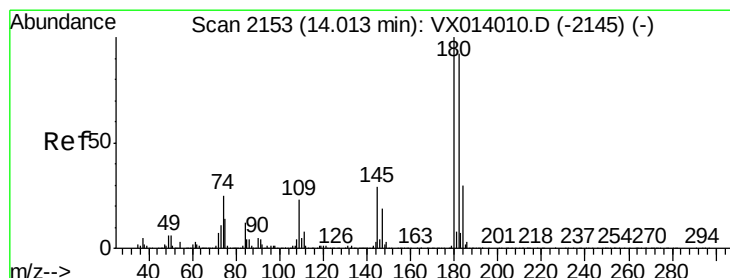
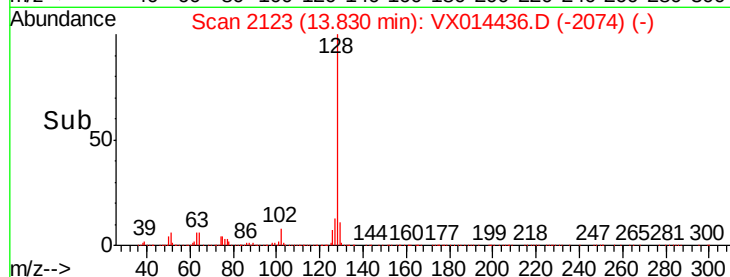
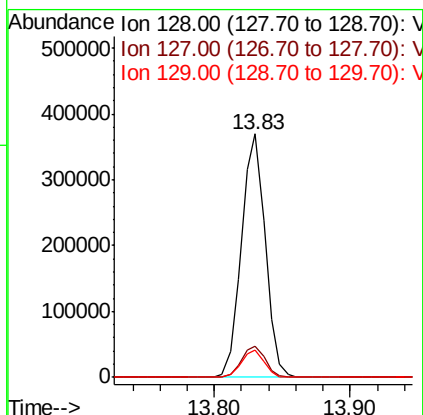
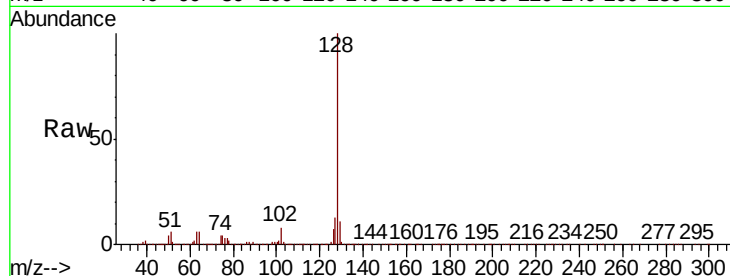




#95
Naphthalene
Concen: 20.746 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014436.D
Acq: 06 Jan 2020 18:38

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	10.8	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.694 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014436.D
Acq: 06 Jan 2020 18:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.0	46.8	140.3
145	29.3	14.8	44.4

