

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021920\
 Data File : VX014966.D
 Acq On : 19 Feb 2020 16:49
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 20 00:24:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	448232	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	657129	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	622719	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	345029	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	243779	48.19	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	96.38%	
35) Dibromofluoromethane	5.48	113	205084	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	
50) Toluene-d8	8.71	98	760803	49.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.68%	
62) 4-Bromofluorobenzene	11.13	95	286618	51.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	205790	48.480	ug/l	100
3) Chloromethane	1.32	50	223510	46.443	ug/l	99
4) Vinyl Chloride	1.40	62	242673	46.809	ug/l	100
5) Bromomethane	1.63	94	159239	47.453	ug/l	97
6) Chloroethane	1.72	64	154136	46.465	ug/l	99
7) Trichlorofluoromethane	1.92	101	342542	47.291	ug/l	100
8) Diethyl Ether	2.18	74	135643	45.159	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	198252	47.153	ug/l	99
10) Methyl Iodide	2.50	142	229451	49.044	ug/l	99
11) Tert butyl alcohol	3.02	59	206382	231.066	ug/l	100
12) 1,1-Dichloroethene	2.37	96	191388	46.584	ug/l	97
13) Acrolein	2.28	56	158426	232.725	ug/l	97
14) Allyl chloride	2.72	41	338178	46.426	ug/l	98
15) Acrylonitrile	3.12	53	546791	241.487	ug/l	99
16) Acetone	2.43	43	511773	185.515	ug/l	100
17) Carbon Disulfide	2.56	76	506451	44.119	ug/l	100
18) Methyl Acetate	2.76	43	254544	49.962	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	656951	49.132	ug/l	98
20) Methylene Chloride	2.84	84	223365	45.901	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	209491	46.211	ug/l	98
22) Diisopropyl ether	3.84	45	693098	49.819	ug/l	96
23) Vinyl Acetate	3.80	43	2954616	257.627	ug/l	100
24) 1,1-Dichloroethane	3.69	63	381302	48.563	ug/l	99
25) 2-Butanone	4.65	43	765977	222.414	ug/l	99
26) 2,2-Dichloropropane	4.57	77	315213	46.584	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	242752	47.903	ug/l	99
28) Bromochloromethane	5.00	49	154963	50.917	ug/l	97
29) Tetrahydrofuran	5.11	42	481901	246.150	ug/l	99
30) Chloroform	5.19	83	384582	49.368	ug/l	97
31) Cyclohexane	5.56	56	331694	46.381	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	328384	48.190	ug/l	99
36) 1,1-Dichloropropene	5.78	75	282171	48.003	ug/l	98
37) Ethyl Acetate	4.81	43	297972	48.602	ug/l	100
38) Carbon Tetrachloride	5.77	117	284506	49.665	ug/l	100

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Quant Time: Feb 20 00:24:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	351336	47.791	ug/l	99
40) Benzene	6.13	78	854247	48.639	ug/l	100
41) Methacrylonitrile	5.02	41	169218	51.234	ug/l	98
42) 1,2-Dichloroethane	6.18	62	310576	48.927	ug/l	100
43) Isopropyl Acetate	6.42	43	507231	50.153	ug/l	99
44) Trichloroethene	7.20	130	242732	47.608	ug/l	100
45) 1,2-Dichloropropane	7.50	63	219475	48.999	ug/l	99
46) Dibromomethane	7.65	93	147416	48.148	ug/l	99
47) Bromodichloromethane	7.89	83	301003	49.583	ug/l	99
48) Methyl methacrylate	7.76	41	251014	50.432	ug/l	99
49) 1,4-Dioxane	7.73	88	88496	950.960	ug/l	95
51) 4-Methyl-2-Pentanone	8.63	43	1543816	252.800	ug/l	100
52) Toluene	8.78	92	543381	48.712	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	329567	49.535	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	361586	49.196	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	221937	49.176	ug/l	98
56) Ethyl methacrylate	9.17	69	348731	51.408	ug/l	99
57) 1,3-Dichloropropane	9.36	76	370625	48.785	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	949415	267.615	ug/l	100
59) 2-Hexanone	9.48	43	1173616	244.499	ug/l	99
60) Dibromochloromethane	9.57	129	247601	50.980	ug/l	99
61) 1,2-Dibromoethane	9.67	107	233417	47.934	ug/l	100
64) Tetrachloroethene	9.33	164	247134	42.447	ug/l	97
65) Chlorobenzene	10.13	112	603493	47.781	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	227929	49.708	ug/l	99
67) Ethyl Benzene	10.25	91	1053547	49.047	ug/l	100
68) m/p-Xylenes	10.35	106	816384	98.657	ug/l	97
69) o-Xylene	10.69	106	389077	48.913	ug/l	100
70) Styrene	10.71	104	678210	50.399	ug/l	100
71) Bromoform	10.85	173	193540	50.567	ug/l #	99
73) Isopropylbenzene	11.01	105	1038920	48.016	ug/l	100
74) N-amyl acetate	10.89	43	447801	49.809	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	331021	46.801	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	388966	62.342	ug/l	92
77) Bromobenzene	11.25	156	281768	46.657	ug/l	98
78) n-propylbenzene	11.35	91	1203244	48.081	ug/l	100
79) 2-Chlorotoluene	11.42	91	693663	47.149	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	889096	49.178	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	113728	46.658	ug/l	98
82) 4-Chlorotoluene	11.51	91	831395	47.719	ug/l	99
83) tert-Butylbenzene	11.76	119	845318	49.376	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	880408	48.322	ug/l	100
85) sec-Butylbenzene	11.94	105	1042266	49.006	ug/l	99
86) p-Isopropyltoluene	12.06	119	966759	48.575	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	499638	46.117	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	503802	45.536	ug/l	99
89) n-Butylbenzene	12.38	91	865696	48.567	ug/l	100
90) Hexachloroethane	12.59	117	169582	48.792	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	495241	46.612	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	72486	43.683	ug/l	99

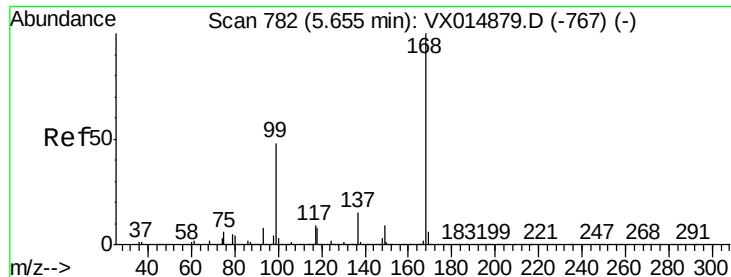
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Quant Title : SW846 8260
QLast Update : Mon Feb 10 12:09:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	367891	46.912	ug/l	98
94) Hexachlorobutadiene	13.77	225	178954	47.179	ug/l	97
95) Naphthalene	13.83	128	1028974	49.349	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	360517	47.583	ug/l	99

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

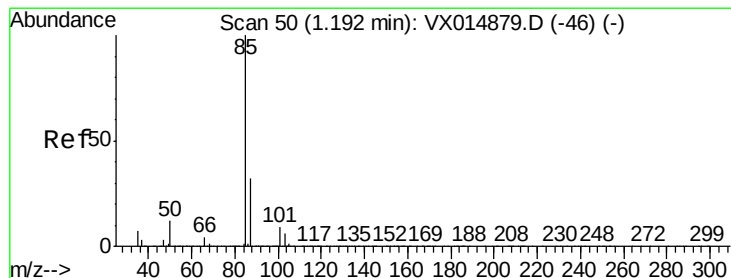
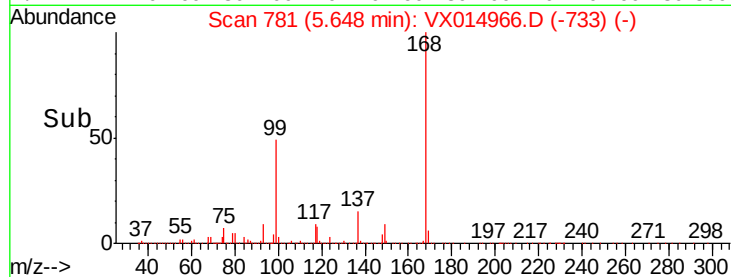
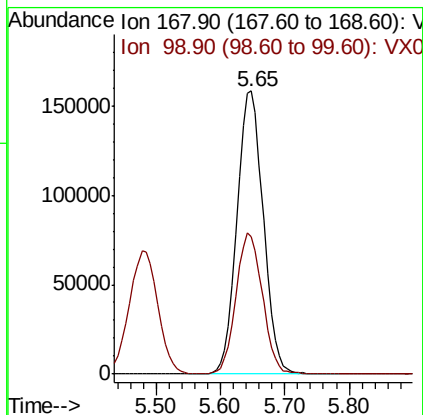
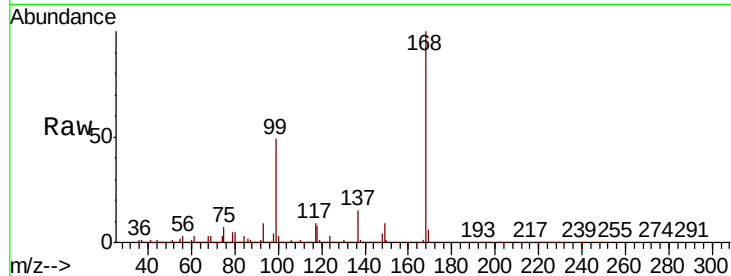


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: VX014966.D
 Acq: 19 Feb 2020 16:49

Instrument :
 MSVOA_X
 ClientSampleId :

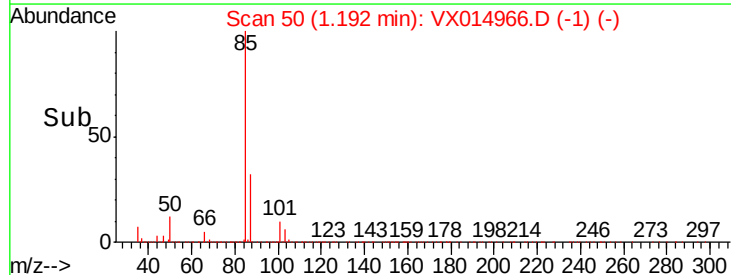
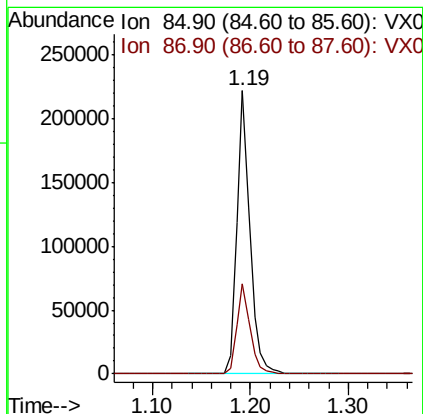
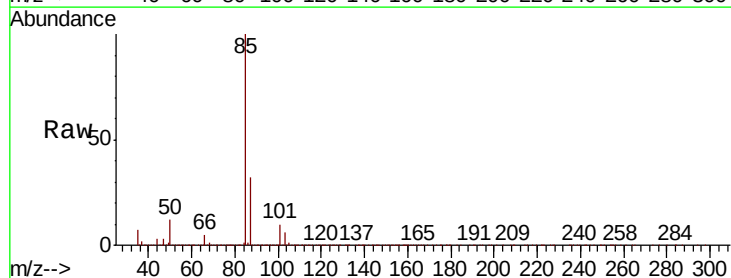
Tot Ion:168 Resp: 448232
 Ion Ratio Lower Upper
 168 100
 99 48.4 38.7 58.1

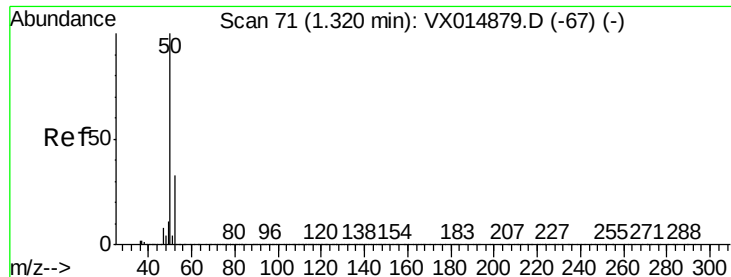


#2

Dichlorodifluoromethane
 Concen: 48.480 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. -0.00 min
 Lab File: VX014966.D
 Acq: 19 Feb 2020 16:49

Tgt Ion: 85 Resp: 205790
 Ion Ratio Lower Upper
 85 100
 87 31.8 16.1 48.2

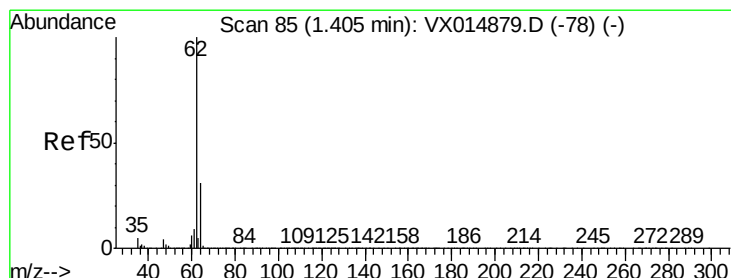
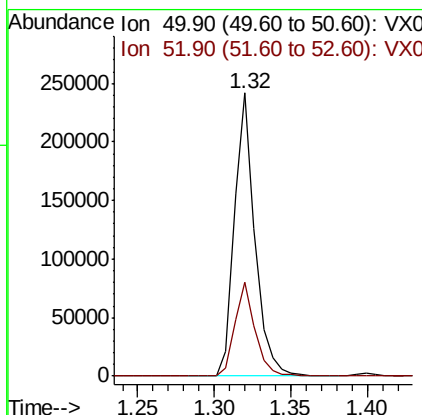
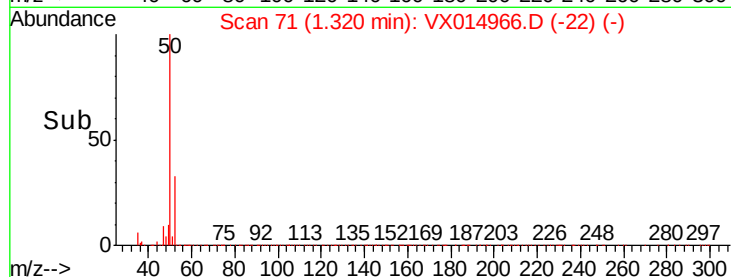
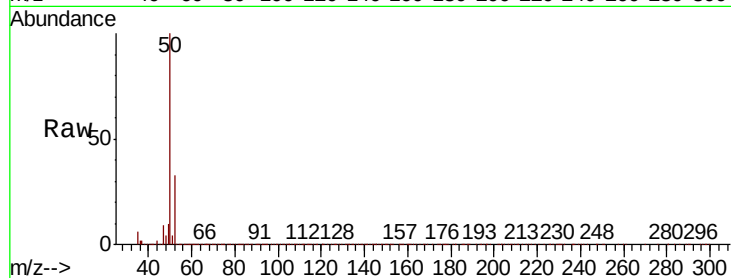




#3
Chloromethane
Concen: 46.443 ug/l
RT: 1.32 min Scan# 71
Delta R.T. -0.00 min
Lab File: VX014966.D
Acq: 19 Feb 2020 16:49

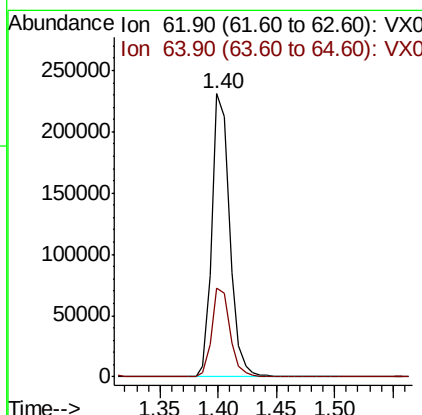
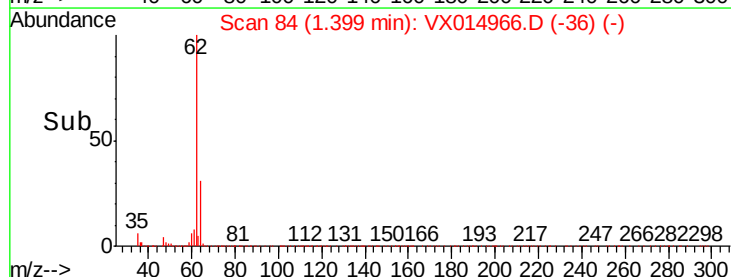
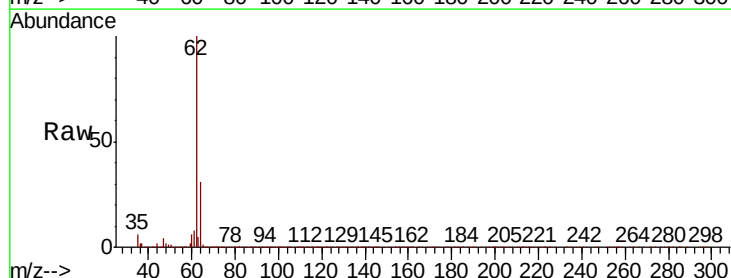
Instrument :
MSVOA_X
ClientSampleId :

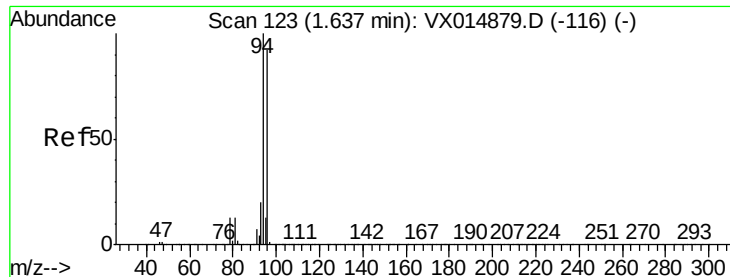
Tot Ion: 50 Resp: 223510
Ion Ratio Lower Upper
50 100
52 33.0 26.2 39.2



#4
Vinyl Chloride
Concen: 46.809 ug/l
RT: 1.40 min Scan# 84
Delta R.T. -0.01 min
Lab File: VX014966.D
Acq: 19 Feb 2020 16:49

Tgt Ion: 62 Resp: 242673
Ion Ratio Lower Upper
62 100
64 31.2 24.8 37.2





#5

Bromomethane

Concen: 47.453 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX014966.D

Acq: 19 Feb 2020 16:49

Instrument :

MSVOA_X

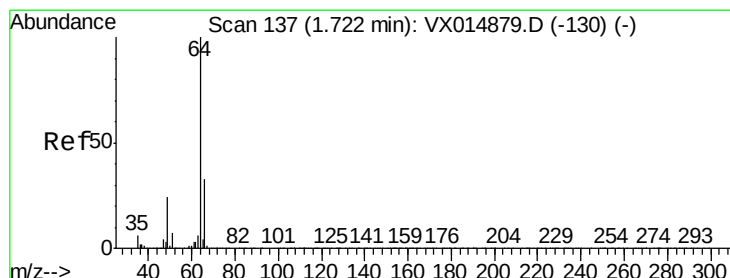
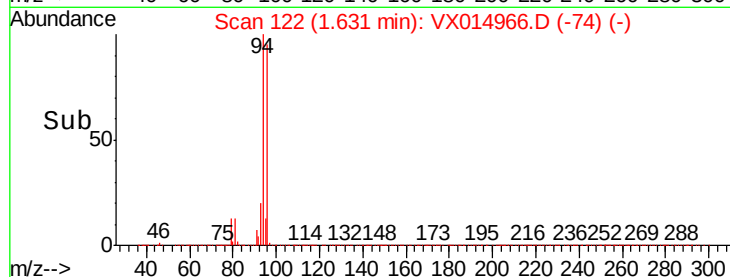
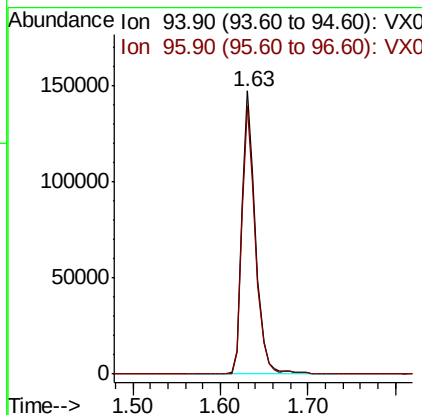
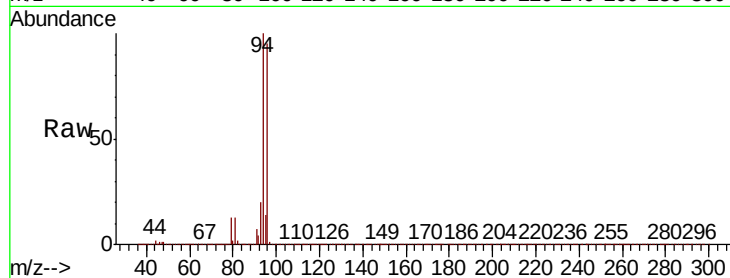
ClientSampleId :

Tot Ion: 94 Resp: 159239

Ion Ratio Lower Upper

94 100

96 94.6 73.7 110.5



#6

Chloroethane

Concen: 46.465 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.01 min

Lab File: VX014966.D

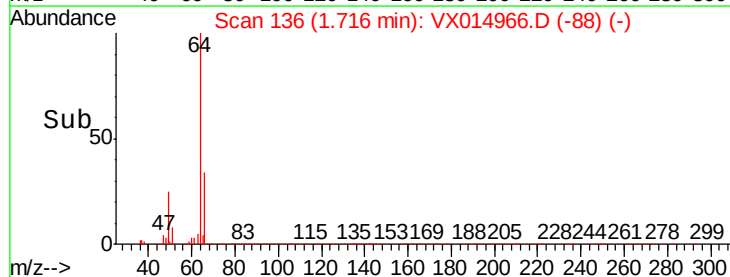
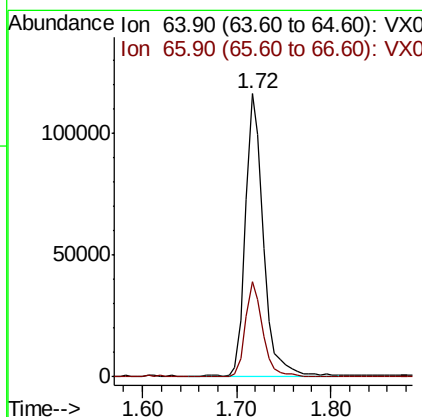
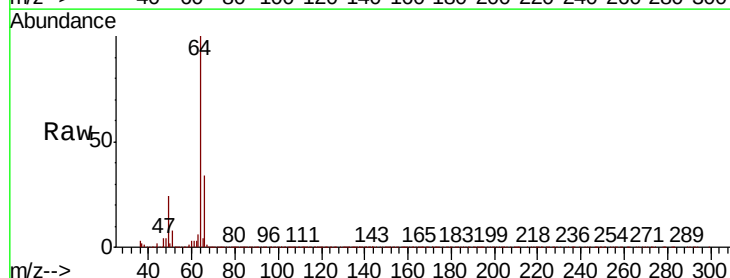
Acq: 19 Feb 2020 16:49

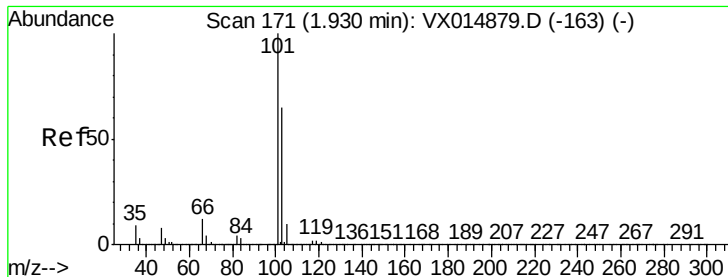
Tgt Ion: 64 Resp: 154136

Ion Ratio Lower Upper

64 100

66 33.5 26.2 39.4



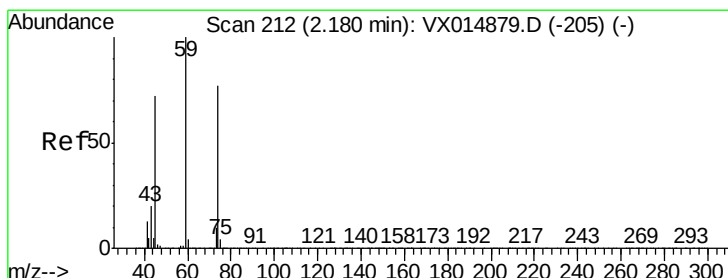
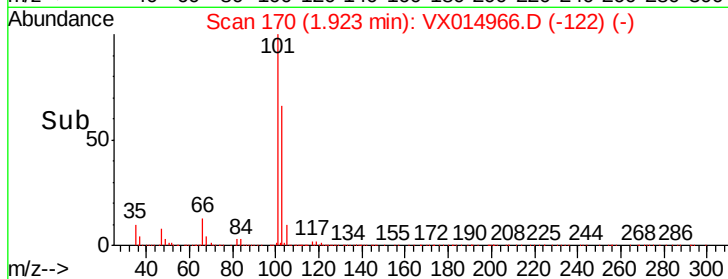
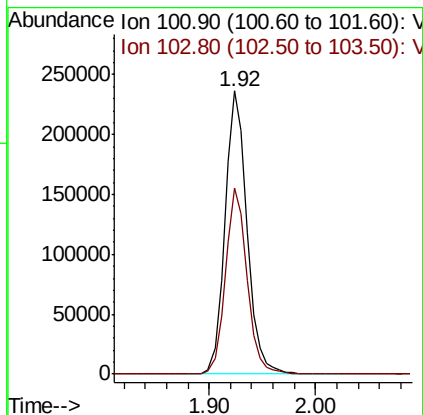
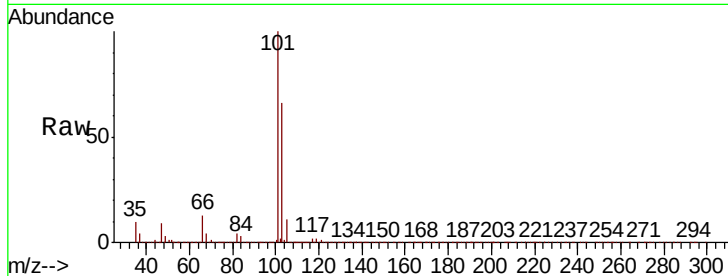


#7

Trichlorofluoromethane
Concen: 47.291 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.01 min
Lab File: VX014966.D
Acq: 19 Feb 2020 16:49

Instrument :
MSVOA_X
ClientSampled :

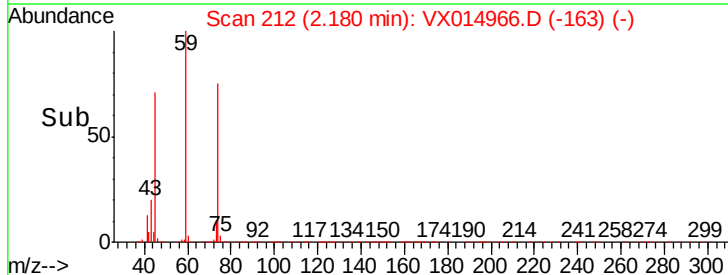
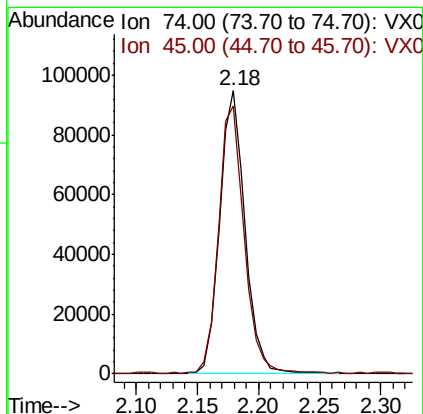
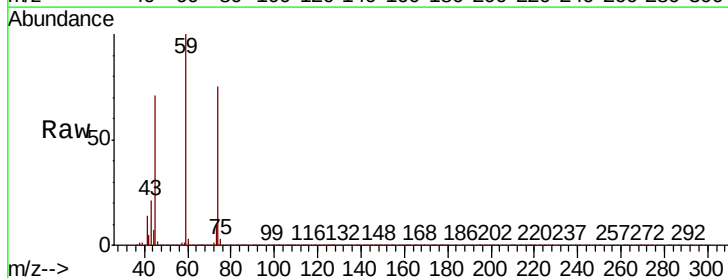
Tot Ion:101 Resp: 342542
Ion Ratio Lower Upper
101 100
103 65.5 52.2 78.4

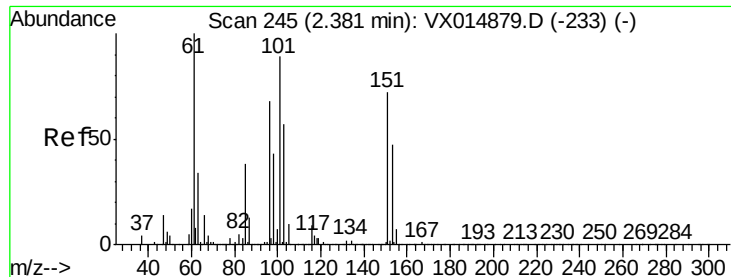


#8

Diethyl Ether
Concen: 45.159 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX014966.D
Acq: 19 Feb 2020 16:49

Tgt Ion: 74 Resp: 135643
Ion Ratio Lower Upper
74 100
45 95.2 46.6 139.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.153 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX014966.D

Acq: 19 Feb 2020 16:49

Instrument :

MSVOA_X

ClientSampleId :

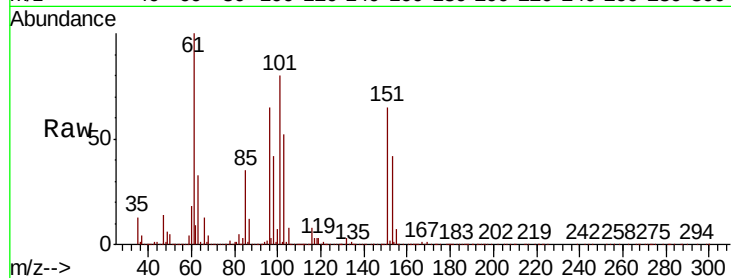
Tot Ion:101 Resp: 198252

Ion Ratio Lower Upper

101 100

85 43.0 34.1 51.1

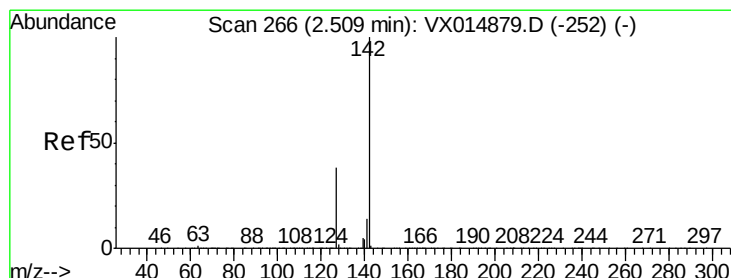
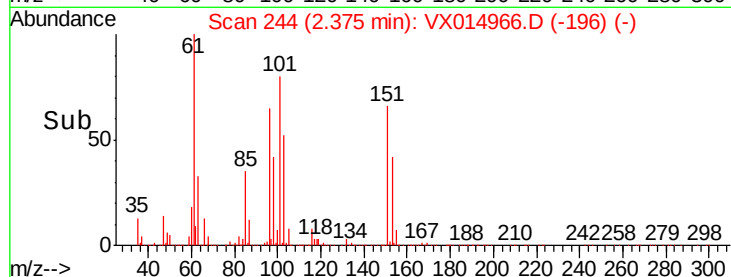
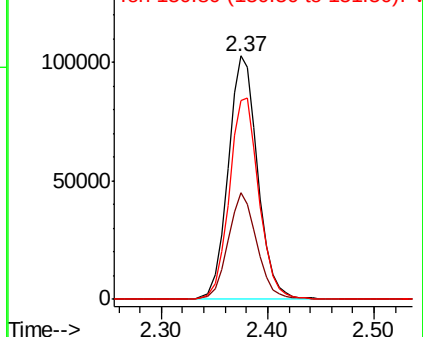
151 83.4 67.3 100.9



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: 49.044 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX014966.D

Acq: 19 Feb 2020 16:49

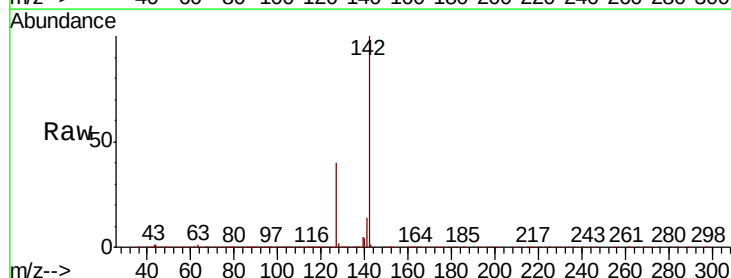
Tgt Ion:142 Resp: 229451

Ion Ratio Lower Upper

142 100

127 39.9 31.1 46.7

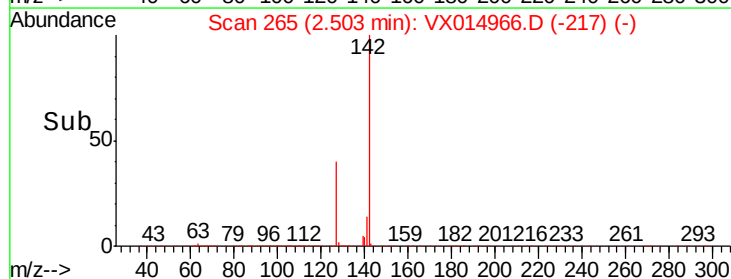
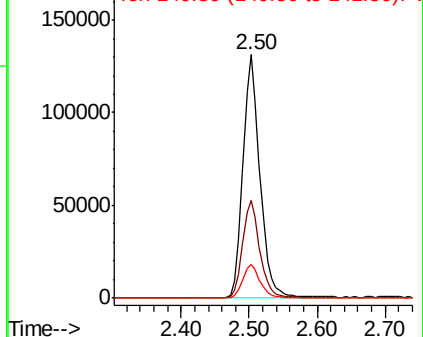
141 14.2 11.3 16.9

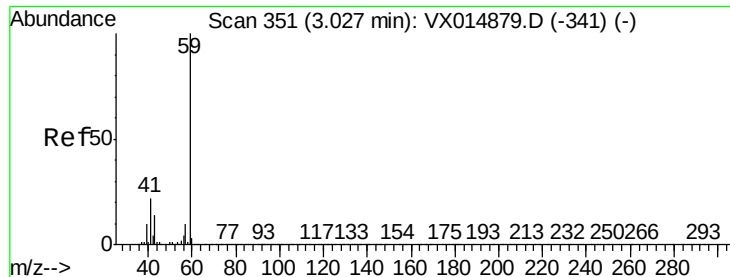


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



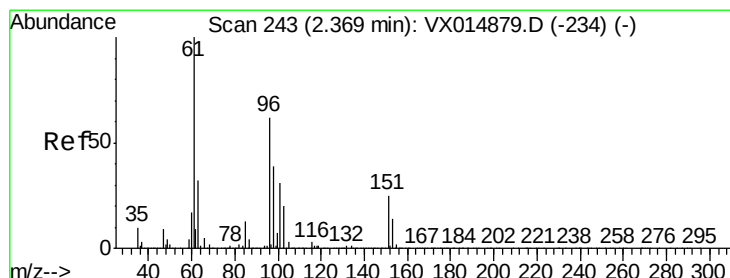
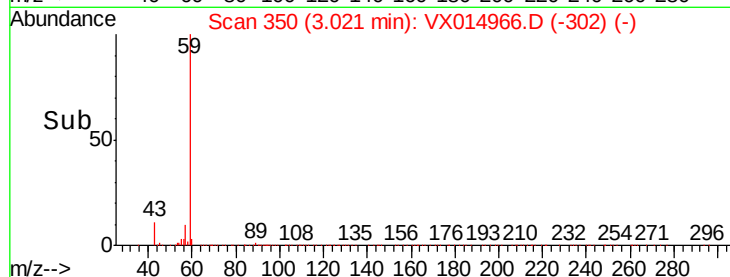
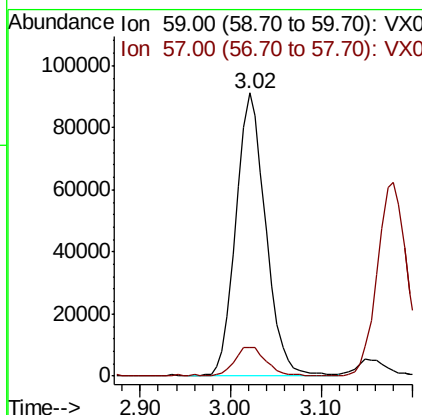
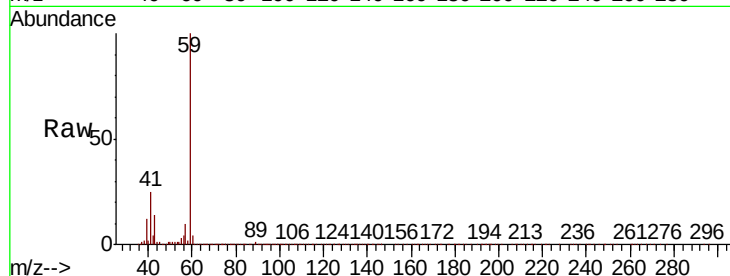


#11

Tert butyl alcohol
Concen: 231.066 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX014966.D
Acq: 19 Feb 2020 16:49

Instrument :
MSVOA_X
ClientSampled :

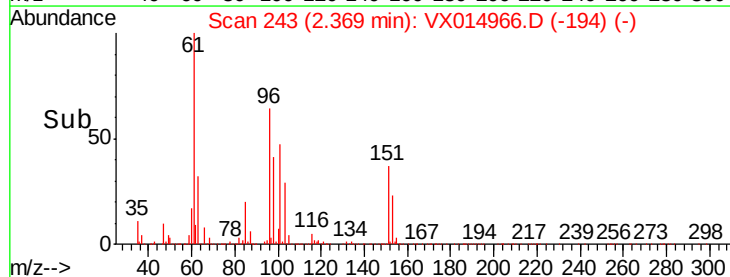
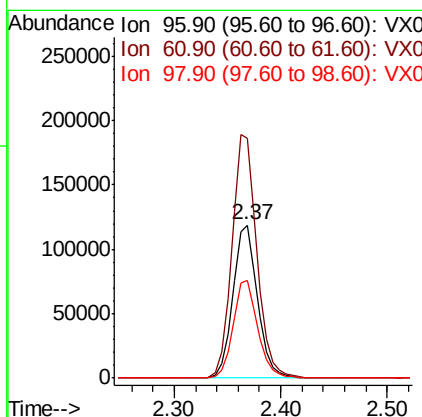
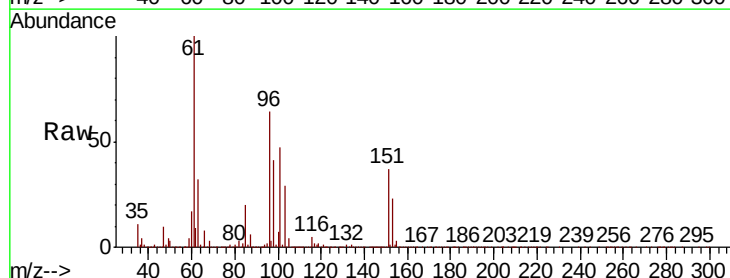
Tot Ion: 59 Resp: 206382
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4

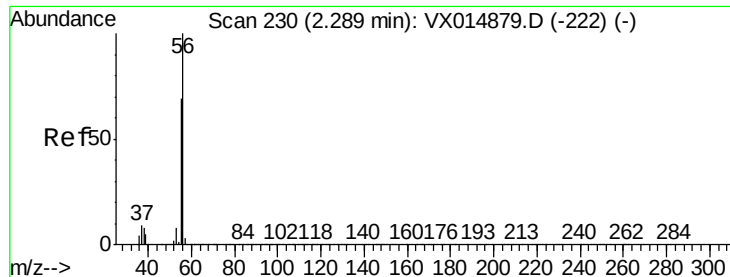


#12

1,1-Dichloroethene
Concen: 46.584 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX014966.D
Acq: 19 Feb 2020 16:49

Tgt Ion: 96 Resp: 191388
Ion Ratio Lower Upper
96 100
61 156.6 129.5 194.3
98 63.8 50.6 76.0

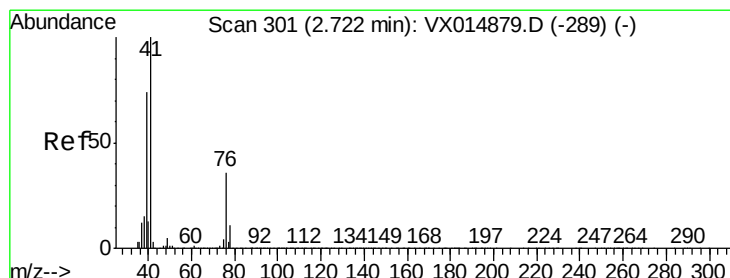
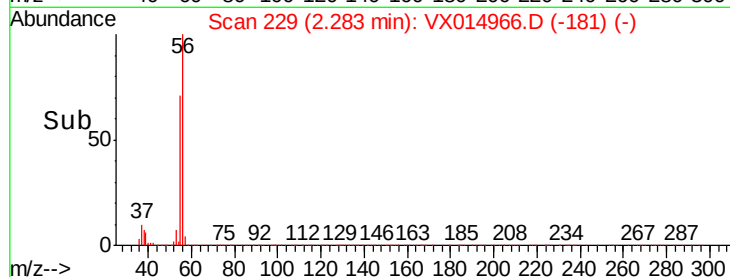
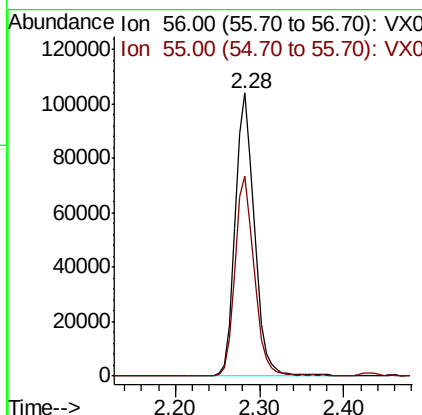
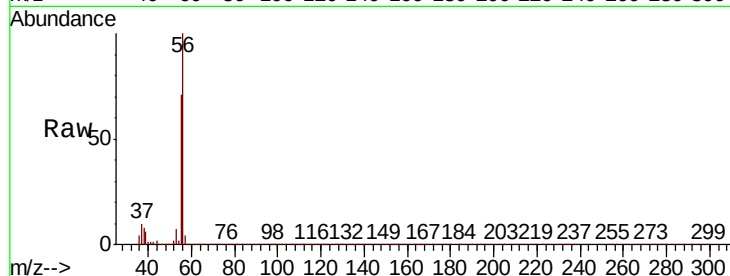




#13
Acrolein
Concen: 232.725 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.01 min
Lab File: VX014966.D
Acq: 19 Feb 2020 16:49

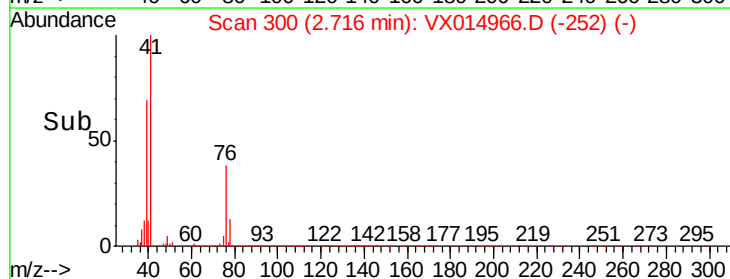
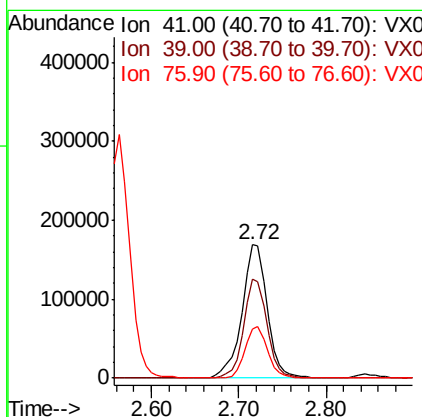
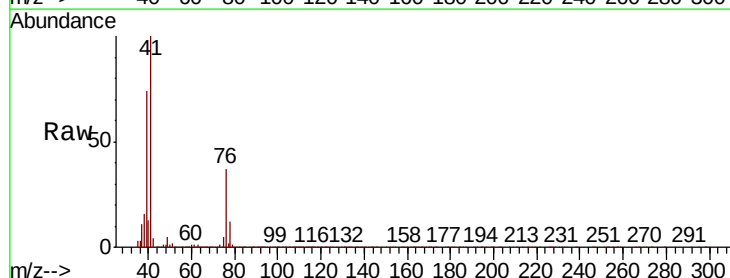
Instrument :
MSVOA_X
ClientSampleId :

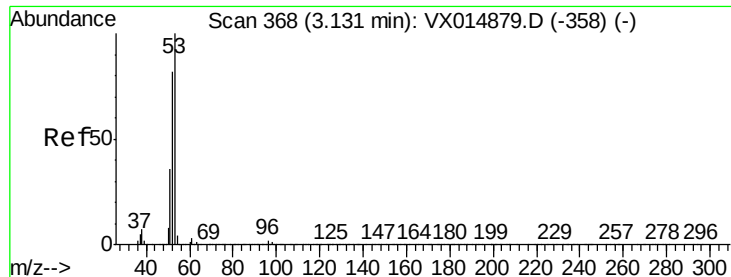
Tot Ion: 56 Resp: 158426
Ion Ratio Lower Upper
56 100
55 71.3 55.0 82.4



#14
Allyl chloride
Concen: 46.426 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.01 min
Lab File: VX014966.D
Acq: 19 Feb 2020 16:49

Tgt Ion: 41 Resp: 338178
Ion Ratio Lower Upper
41 100
39 67.9 55.2 82.8
76 34.7 26.8 40.2





#15

Acrylonitrile

Concen: 241.487 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014966.D

Acq: 19 Feb 2020 16:49

Instrument :

MSVOA_X

ClientSampleId :

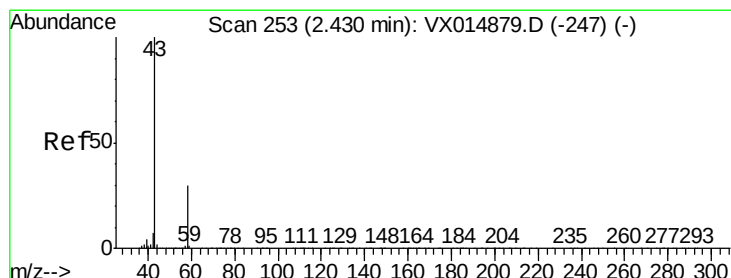
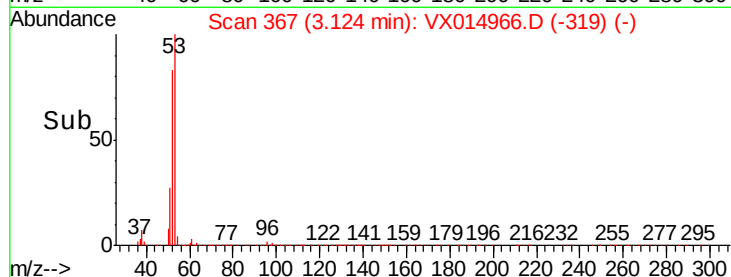
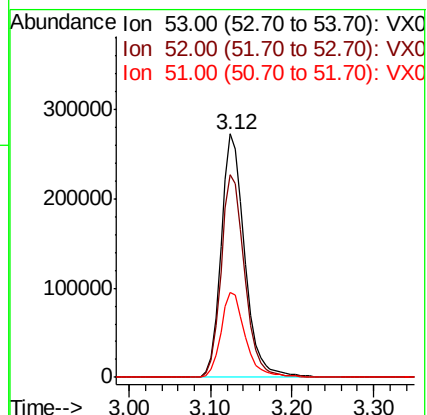
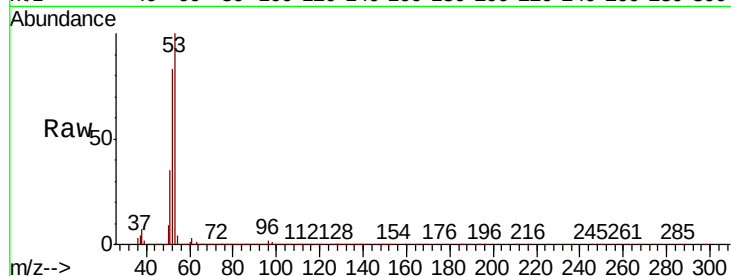
Tot Ion: 53 Resp: 546791

Ion Ratio Lower Upper

53 100

52 83.5 65.8 98.6

51 36.1 29.1 43.7



#16

Acetone

Concen: 185.515 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014966.D

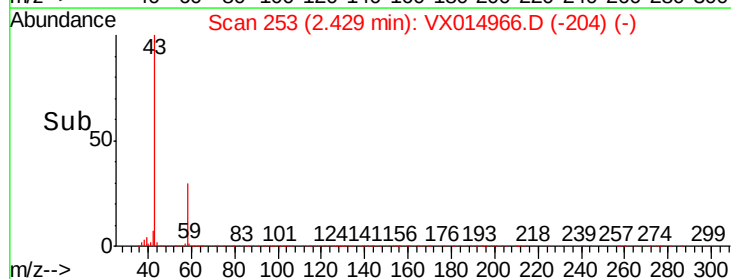
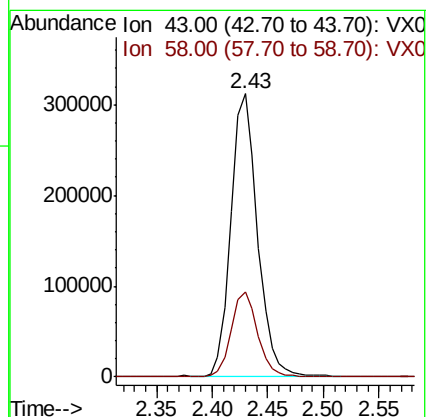
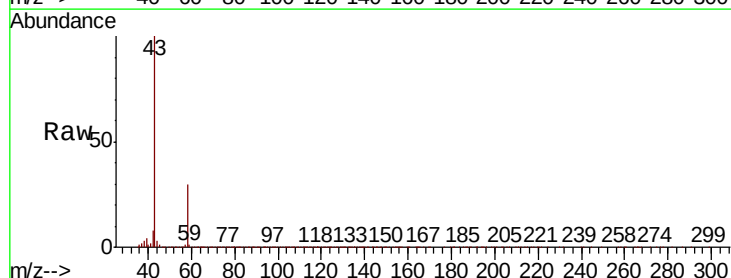
Acq: 19 Feb 2020 16:49

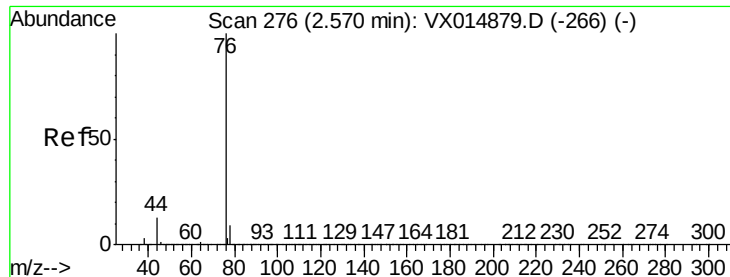
Tgt Ion: 43 Resp: 511773

Ion Ratio Lower Upper

43 100

58 30.1 24.1 36.1





#17

Carbon Disulfide

Concen: 44.119 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.01 min

Lab File: VX014966.D

Acq: 19 Feb 2020 16:49

Instrument :

MSVOA_X

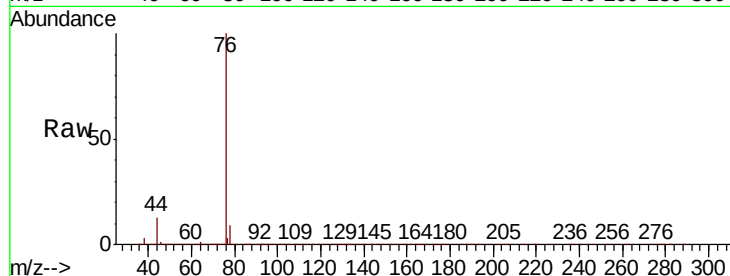
ClientSampleId :

Tot Ion: 76 Resp: 506451

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

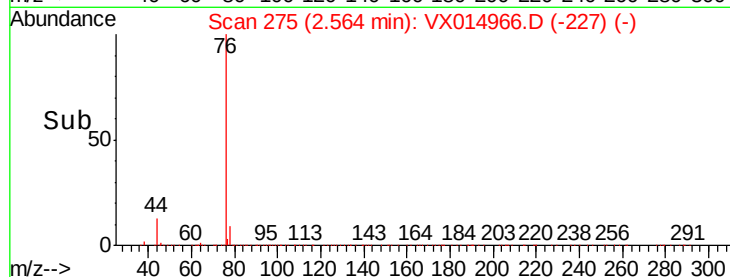
300000

200000

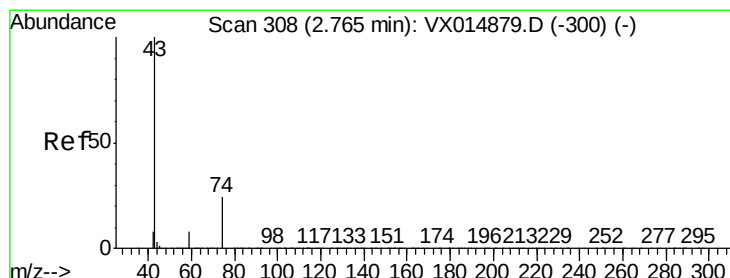
100000

0

Time-->



Time-->



#18

Methyl Acetate

Concen: 49.962 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014966.D

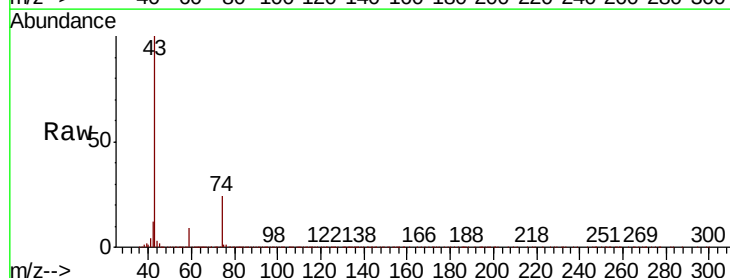
Acq: 19 Feb 2020 16:49

Tgt Ion: 43 Resp: 254544

Ion Ratio Lower Upper

43 100

74 24.5 19.4 29.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

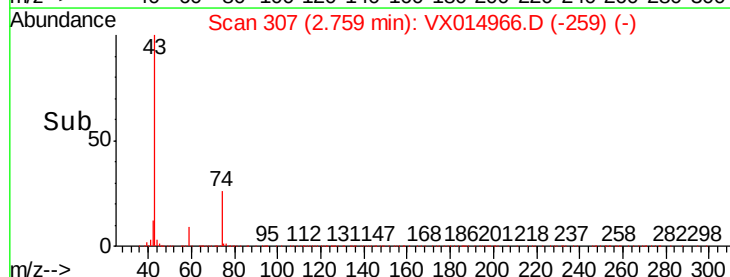
150000

100000

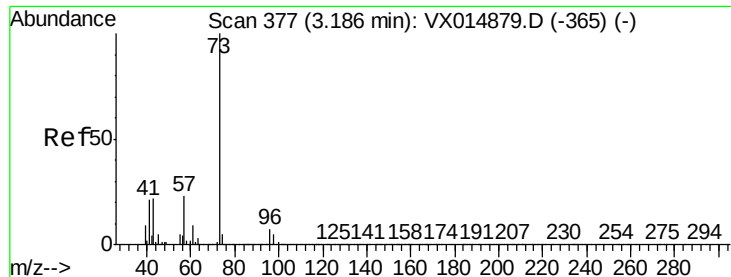
50000

0

Time-->



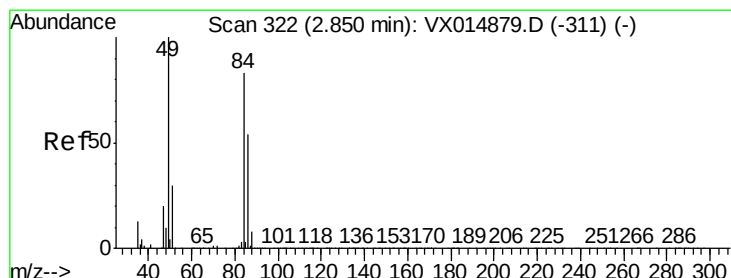
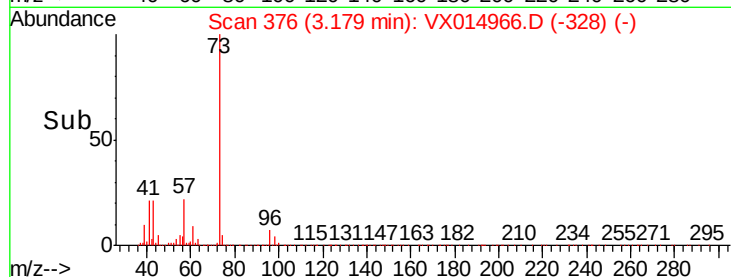
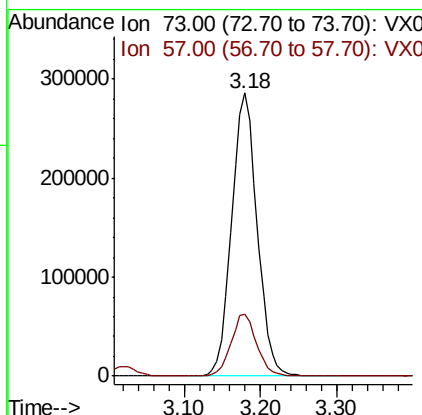
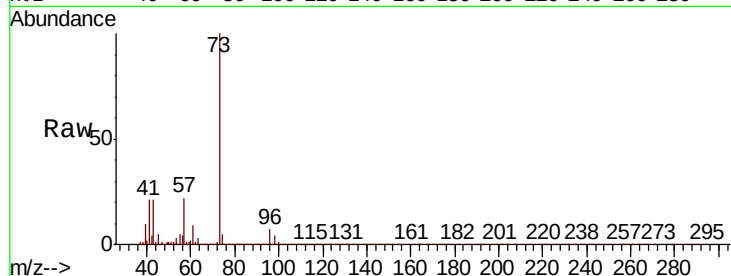
Time-->



#19
Methyl tert-butyl Ether
Concen: 49.132 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014966.D
Acq: 19 Feb 2020 16:49

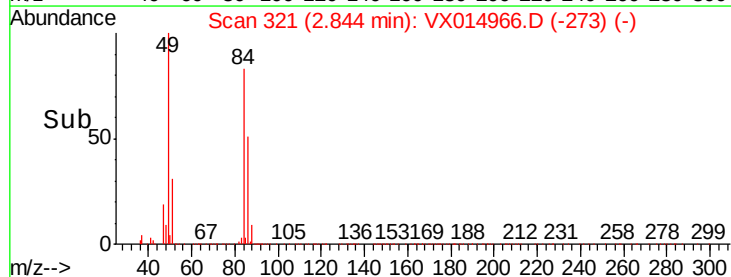
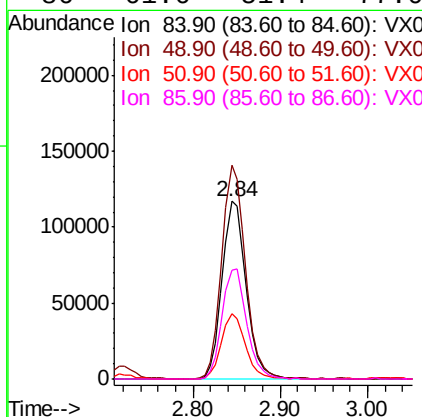
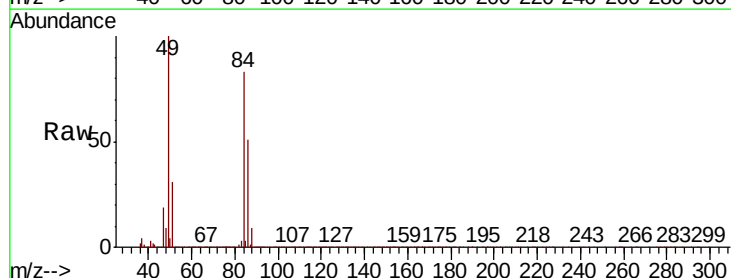
Instrument :
MSVOA_X
ClientSampleId :

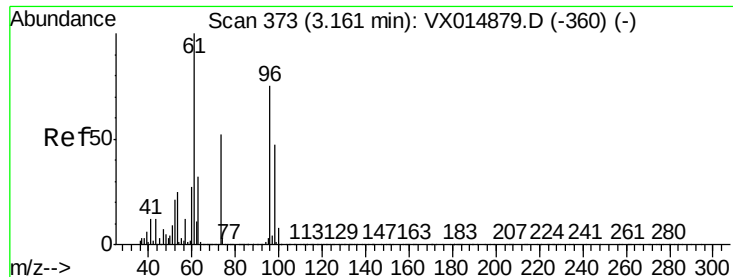
Tot Ion: 73 Resp: 656951
Ion Ratio Lower Upper
73 100
57 21.8 18.2 27.4



#20
Methylene Chloride
Concen: 45.901 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014966.D
Acq: 19 Feb 2020 16:49

Tgt Ion: 84 Resp: 223365
Ion Ratio Lower Upper
84 100
49 120.3 95.6 143.4
51 36.8 29.0 43.6
86 61.6 51.4 77.0





#21

trans-1,2-Dichloroethene

Concen: 46.211 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014966.D

Acq: 19 Feb 2020 16:49

Instrument :
MSVOA_X
ClientSampleId :

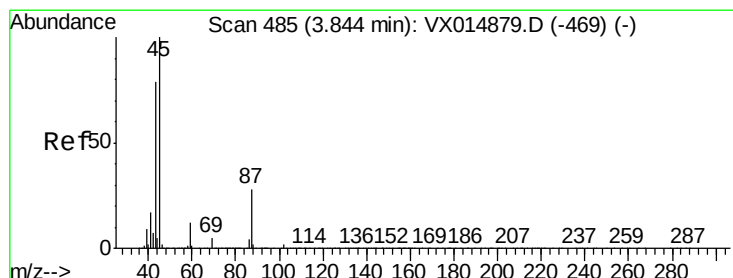
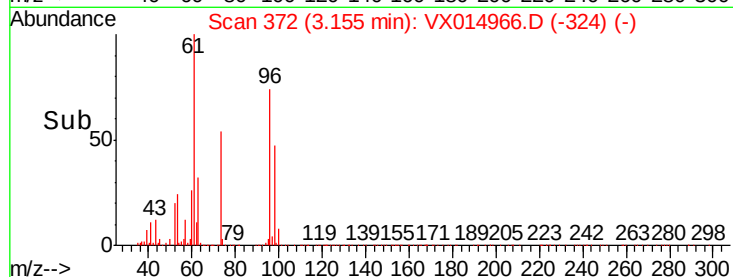
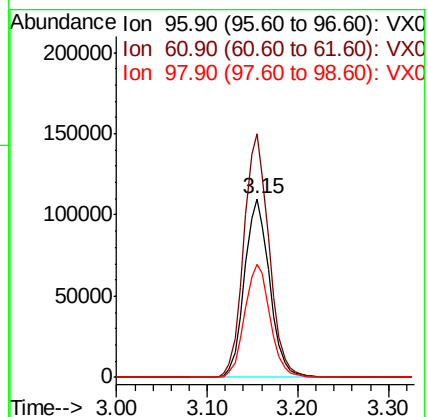
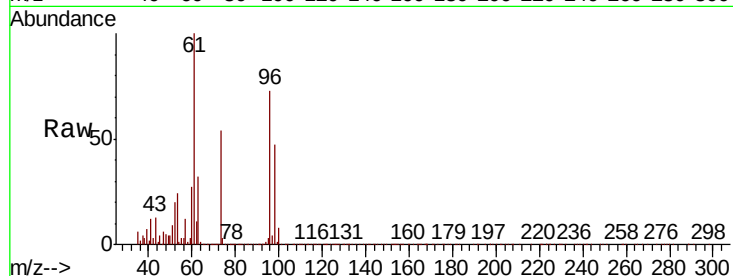
Tot Ion: 96 Resp: 209491

Ion Ratio Lower Upper

96 100

61 136.1 106.9 160.3

98 63.1 50.7 76.1



#22

Diisopropyl ether

Concen: 49.819 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX014966.D

Acq: 19 Feb 2020 16:49

Tgt Ion: 45 Resp: 693098

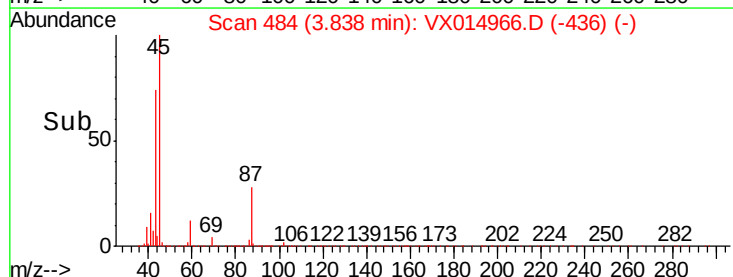
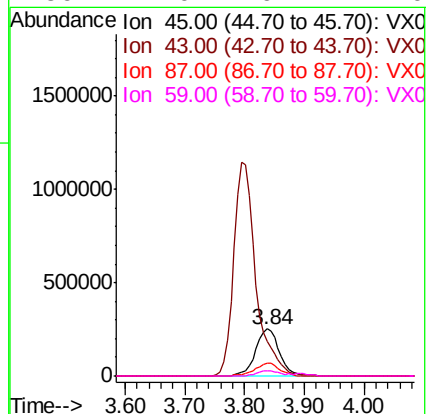
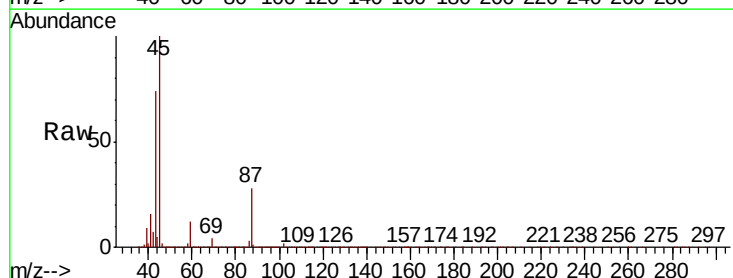
Ion Ratio Lower Upper

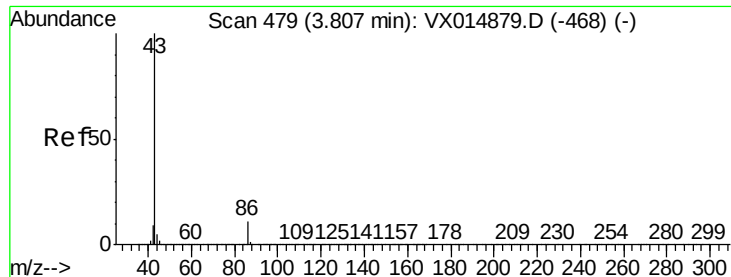
45 100

43 74.1 63.5 95.3

87 27.6 22.2 33.4

59 12.0 9.4 14.0

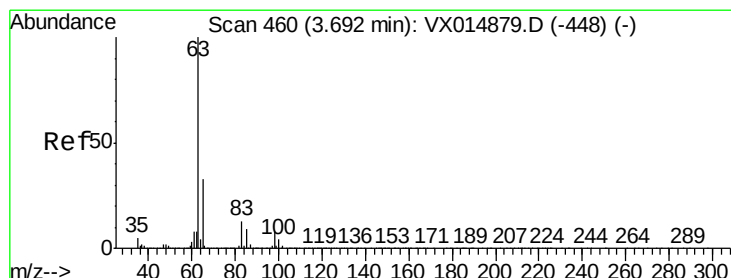
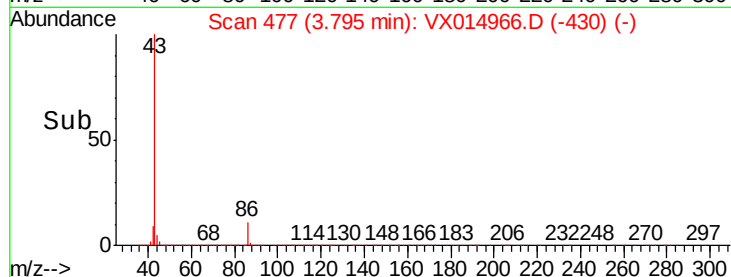
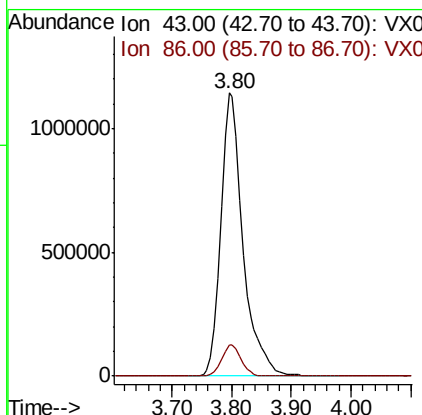
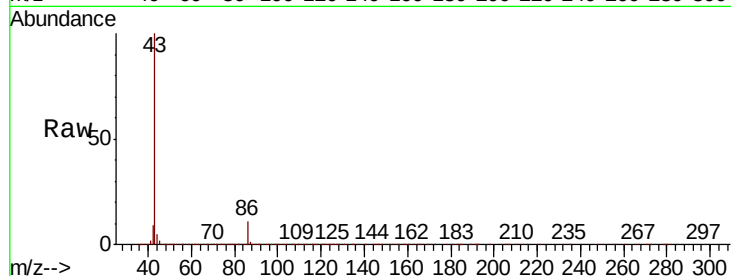




#23
 Vinyl Acetate
 Concen: 257.627 ug/l
 RT: 3.80 min Scan# 477
 Delta R.T. -0.01 min
 Lab File: VX014966.D
 Acq: 19 Feb 2020 16:49

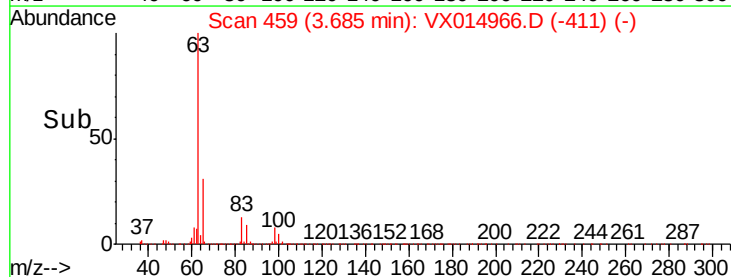
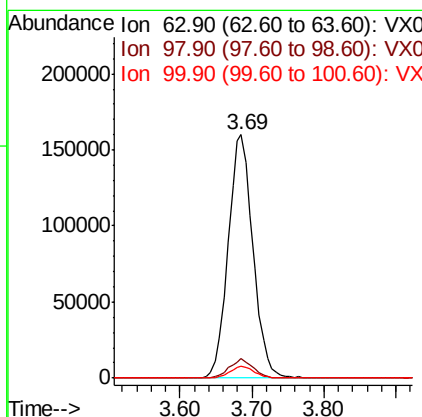
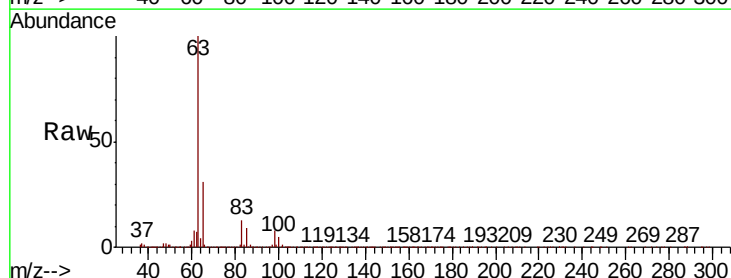
Instrument :
 MSVOA_X
 ClientSampled :

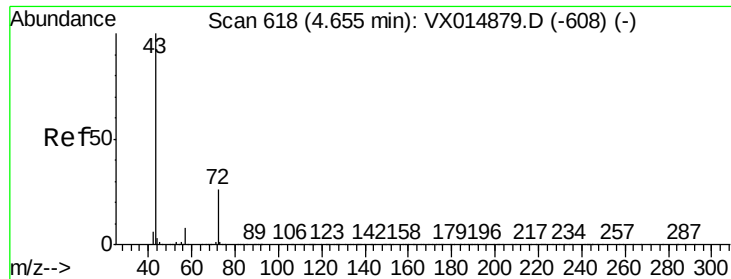
Tot Ion: 43 Resp: 2954616
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.9 13.3



#24
 1,1-Dichloroethane
 Concen: 48.563 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: VX014966.D
 Acq: 19 Feb 2020 16:49

Tgt Ion: 63 Resp: 381302
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.9 11.5
 100 4.7 2.2 6.6

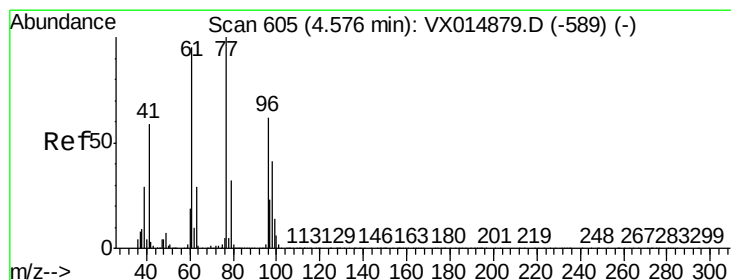
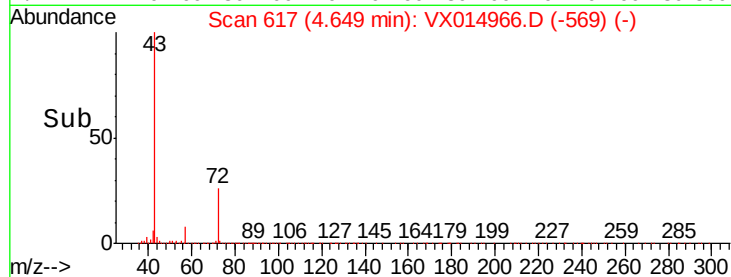
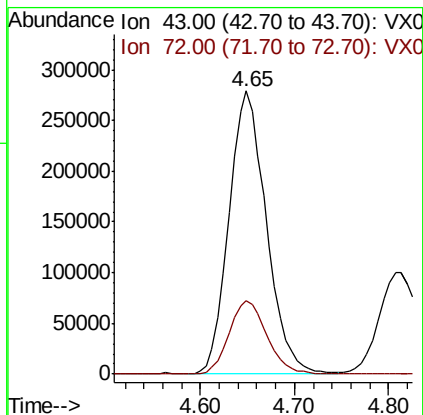
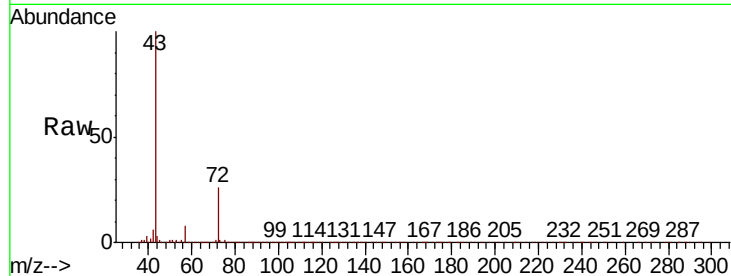




#25
2-Butanone
Concen: 222.414 ug/l
RT: 4.65 min Scan# 617
Delta R.T. -0.01 min
Lab File: VX014966.D
Acq: 19 Feb 2020 16:49

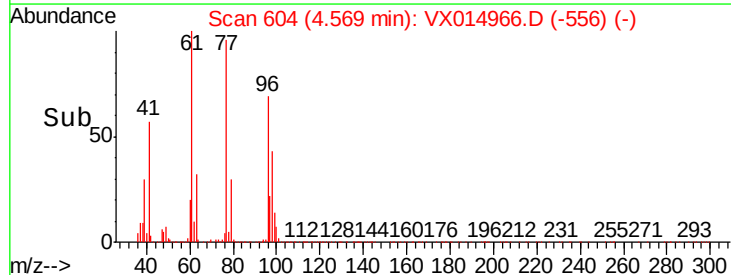
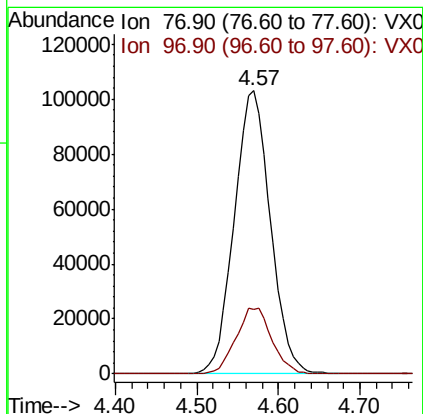
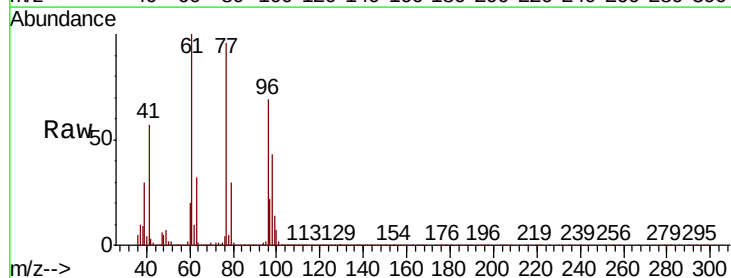
Instrument :
MSVOA_X
ClientSampleId :

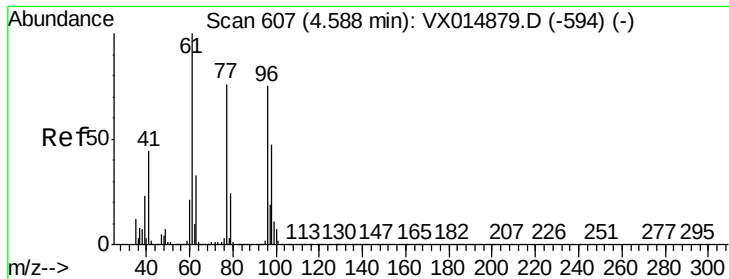
Tot Ion: 43 Resp: 765977
Ion Ratio Lower Upper
43 100
72 25.7 21.0 31.6



#26
2,2-Dichloropropane
Concen: 46.584 ug/l
RT: 4.57 min Scan# 604
Delta R.T. -0.01 min
Lab File: VX014966.D
Acq: 19 Feb 2020 16:49

Tgt Ion: 77 Resp: 315213
Ion Ratio Lower Upper
77 100
97 23.1 11.9 35.5



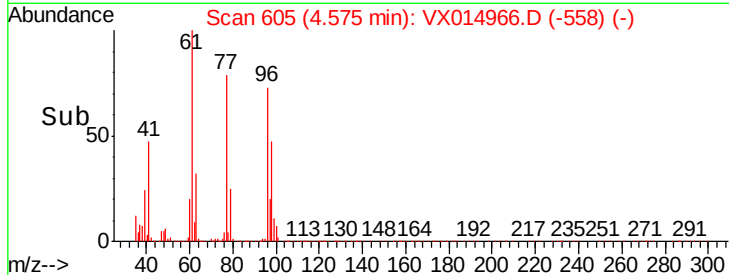
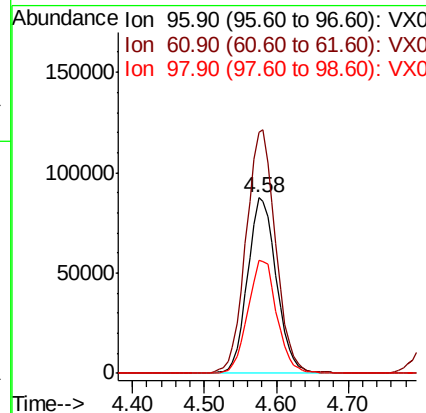
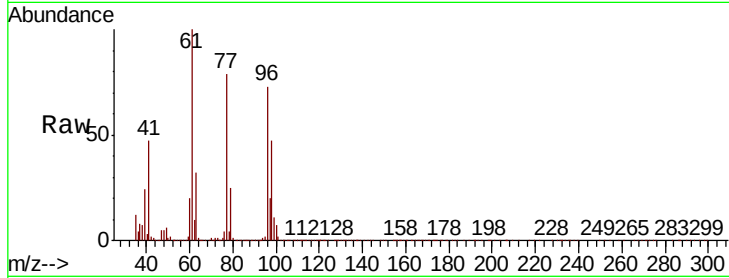


#27

cis-1,2-Dichloroethene
Concen: 47.903 ug/l
RT: 4.58 min Scan# 605
Delta R.T. -0.01 min
Lab File: VX014966.D
Acq: 19 Feb 2020 16:49

Instrument :
MSVOA_X
ClientSampleId :

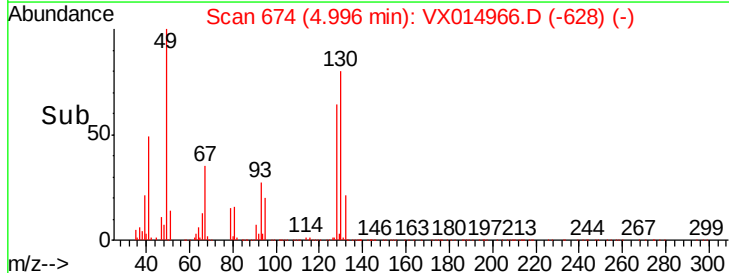
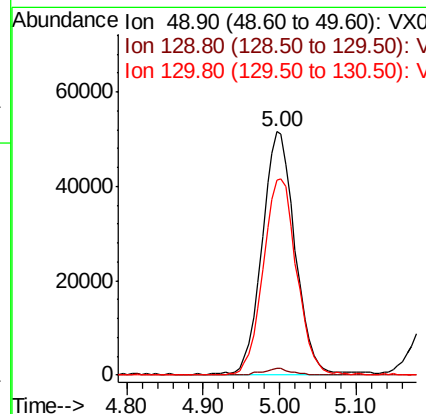
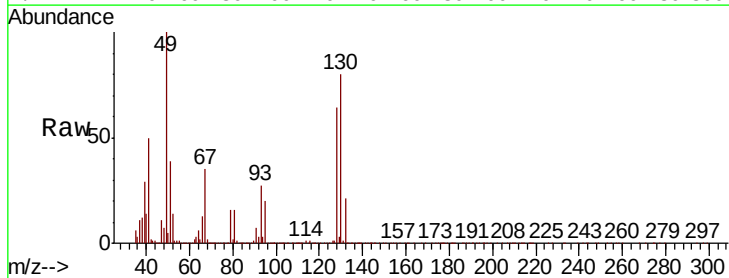
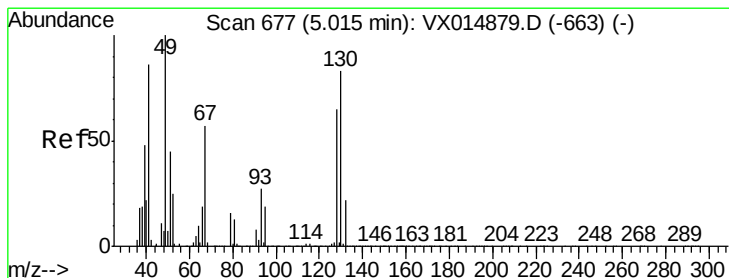
Tot Ion	Ratio	Lower	Upper
96	100		
61	142.0	0.0	286.2
98	65.0	0.0	131.0

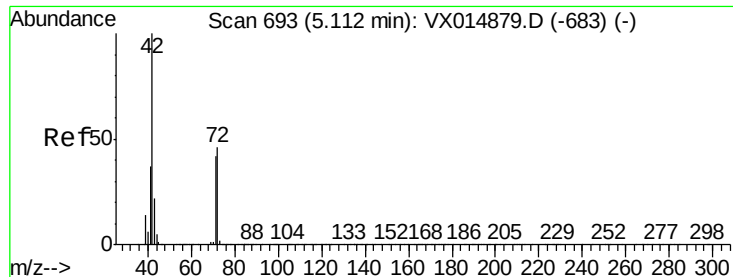


#28

Bromochloromethane
Concen: 50.917 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.02 min
Lab File: VX014966.D
Acq: 19 Feb 2020 16:49

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	5.2
130	81.5	67.4	101.2





#29

Tetrahydrofuran

Concen: 246.150 ug/l

RT: 5.11 min Scan# 692

Delta R.T. -0.01 min

Lab File: VX014966.D

Acq: 19 Feb 2020 16:49

Instrument :

MSVOA_X

ClientSampleId :

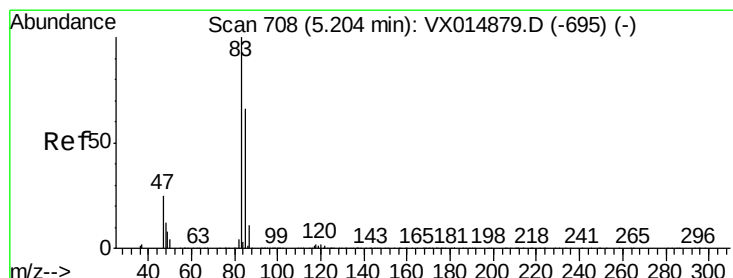
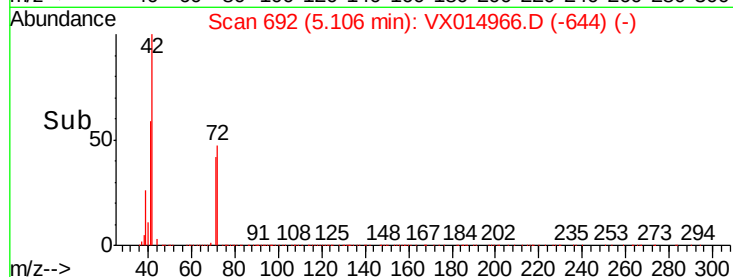
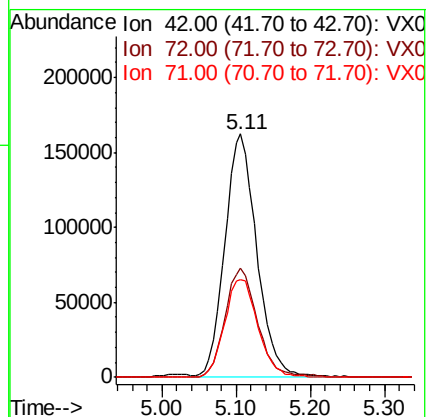
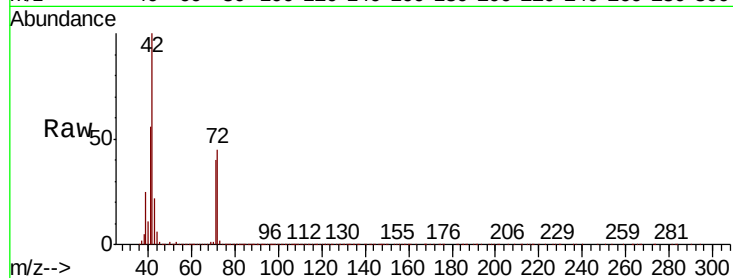
Tot Ion: 42 Resp: 481901

Ion Ratio Lower Upper

42 100

72 45.6 36.9 55.3

71 42.1 34.1 51.1



#30

Chloroform

Concen: 49.368 ug/l

RT: 5.19 min Scan# 706

Delta R.T. -0.01 min

Lab File: VX014966.D

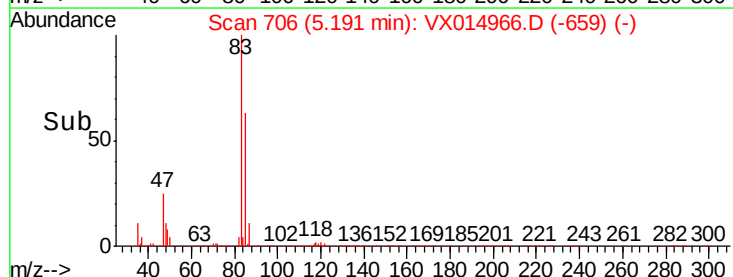
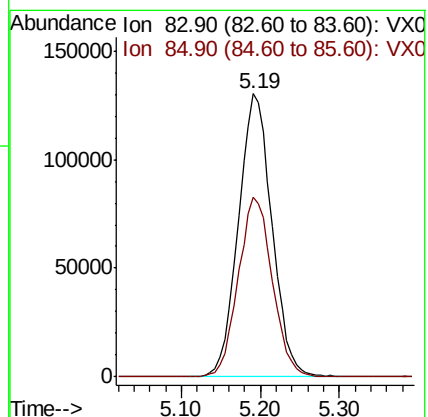
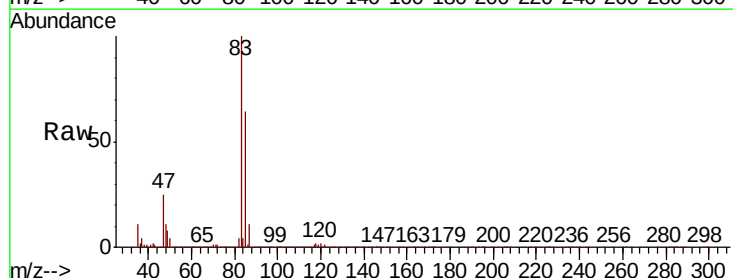
Acq: 19 Feb 2020 16:49

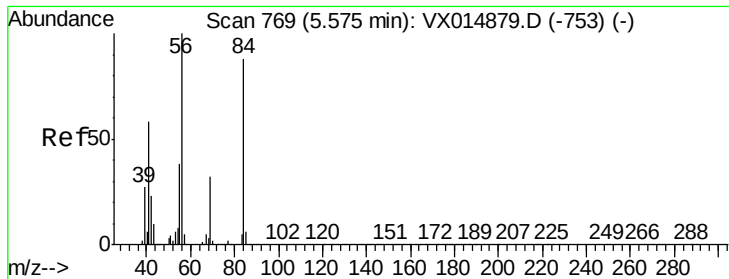
Tgt Ion: 83 Resp: 384582

Ion Ratio Lower Upper

83 100

85 63.4 52.9 79.3

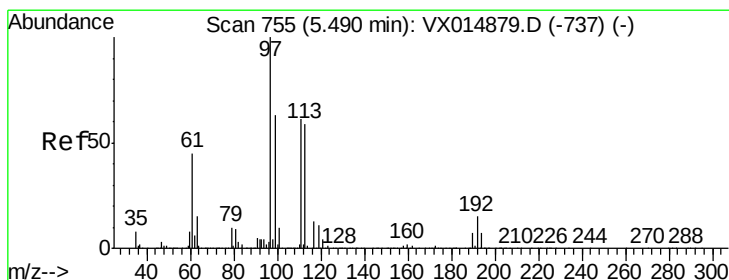
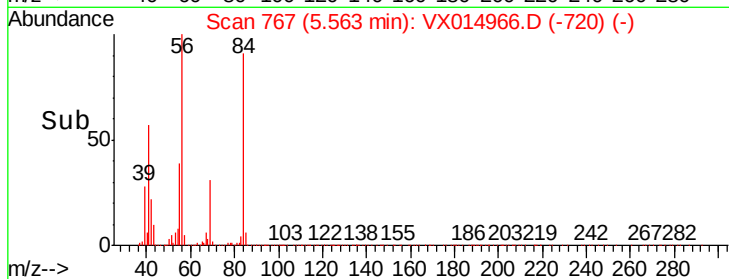
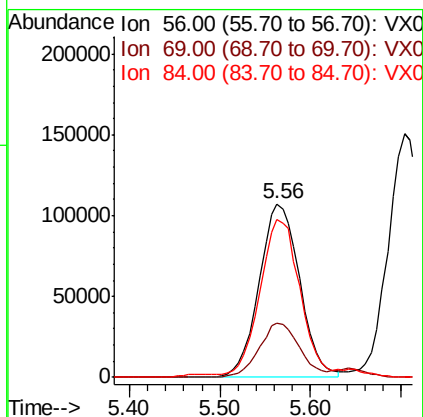
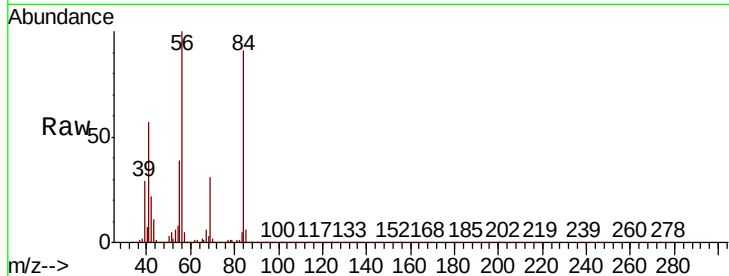




#31
Cyclohexane
Concen: 46.381 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX014966.D
Acq: 19 Feb 2020 16:49

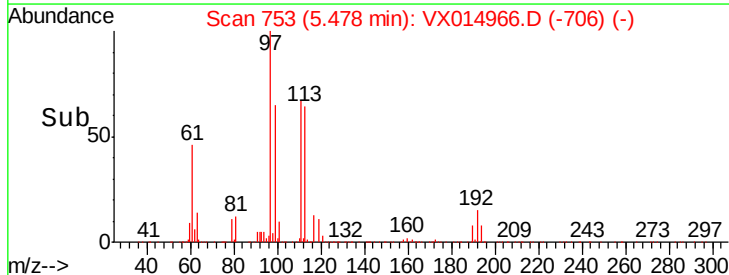
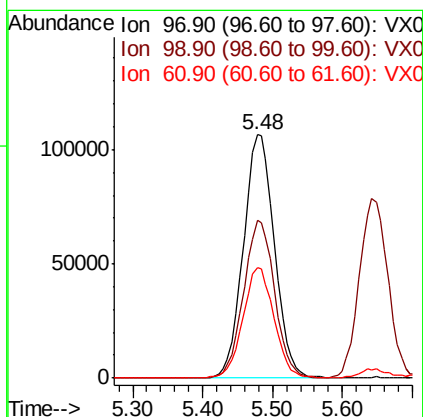
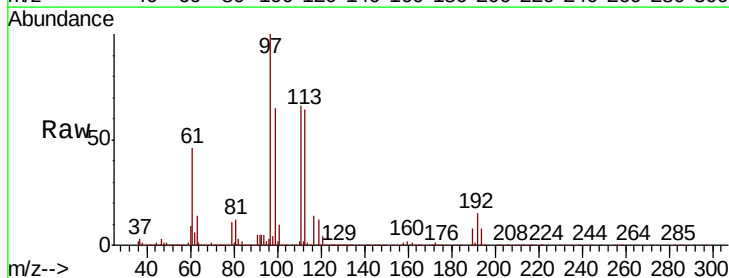
Instrument :
MSVOA_X
ClientSampleId :

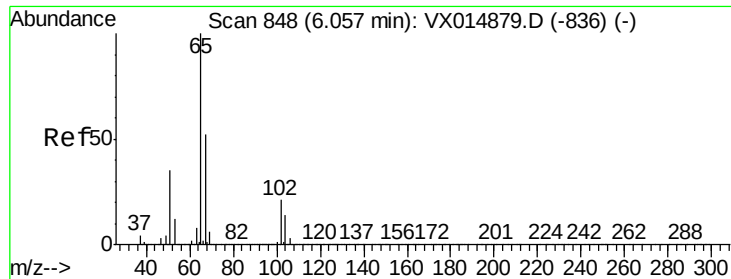
Tot Ion: 56 Resp: 331694
Ion Ratio Lower Upper
56 100
69 31.5 25.9 38.9
84 89.2 70.4 105.6



#32
1,1,1-Trichloroethane
Concen: 48.190 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX014966.D
Acq: 19 Feb 2020 16:49

Tgt Ion: 97 Resp: 328384
Ion Ratio Lower Upper
97 100
99 64.1 51.0 76.6
61 44.8 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 48.191 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.01 min

Lab File: VX014966.D

Acq: 19 Feb 2020 16:49

Instrument :

MSVOA_X

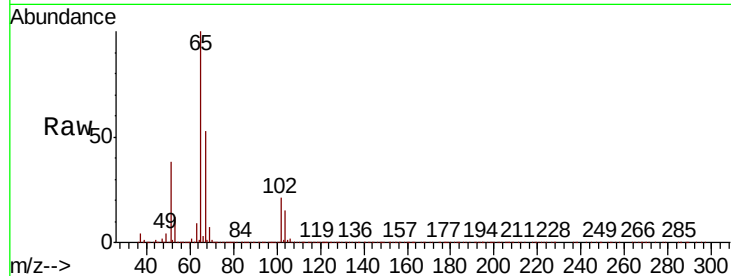
ClientSampleId :

Tot Ion: 65 Resp: 243779

Ion Ratio Lower Upper

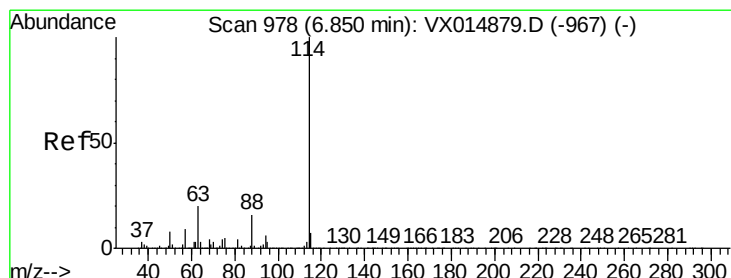
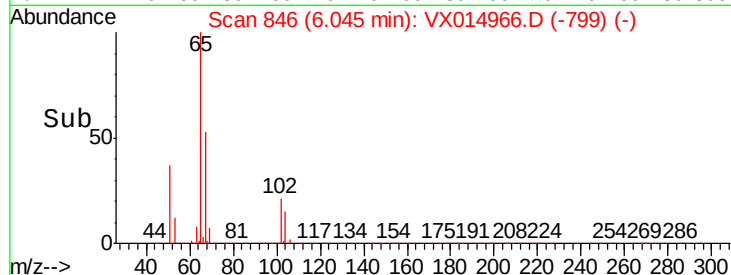
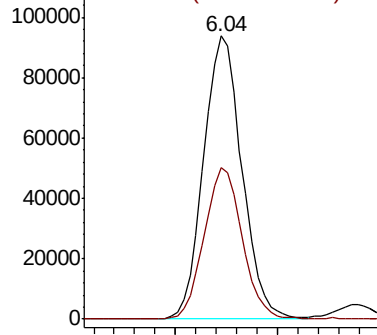
65 100

67 53.0 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX014966.D

Acq: 19 Feb 2020 16:49

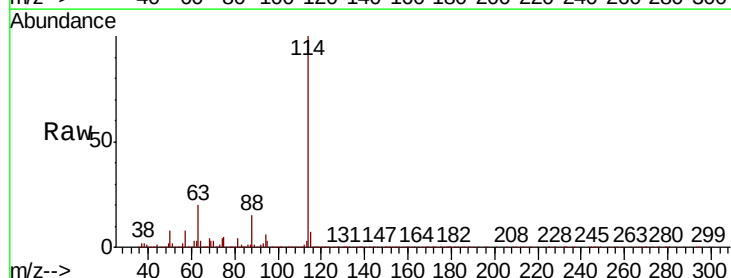
Tgt Ion: 114 Resp: 657129

Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.2

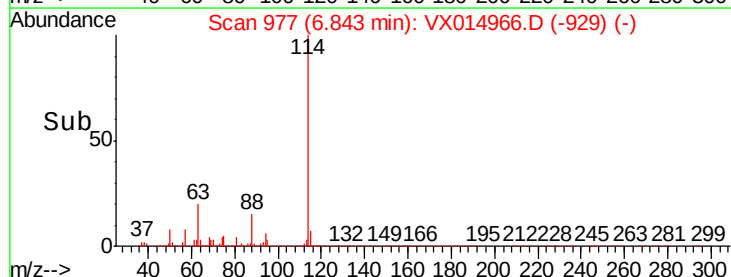
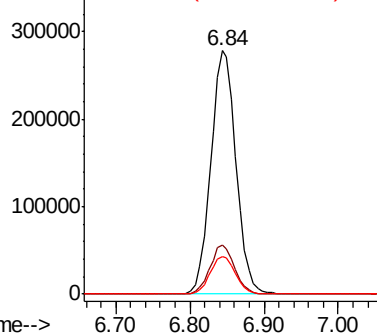
88 15.4 0.0 32.0

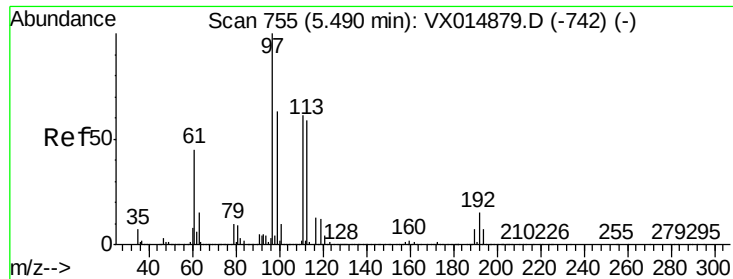


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

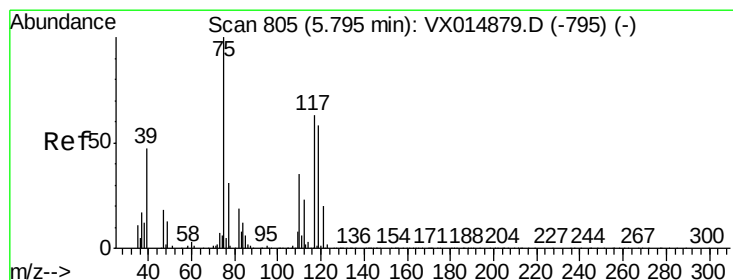
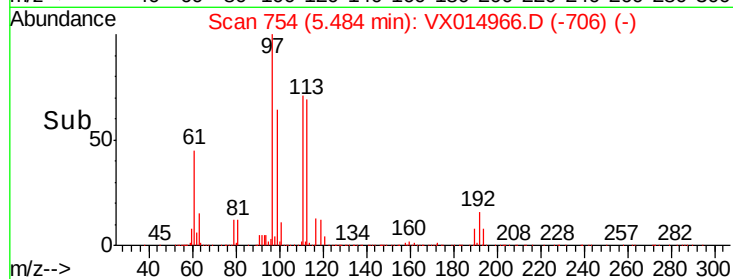
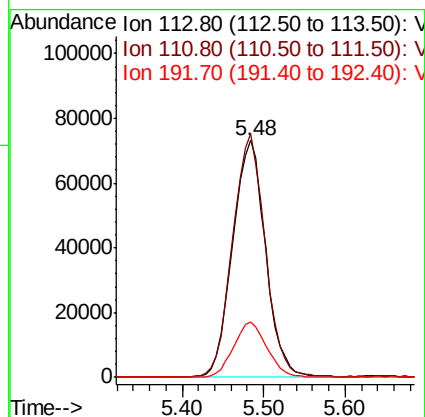
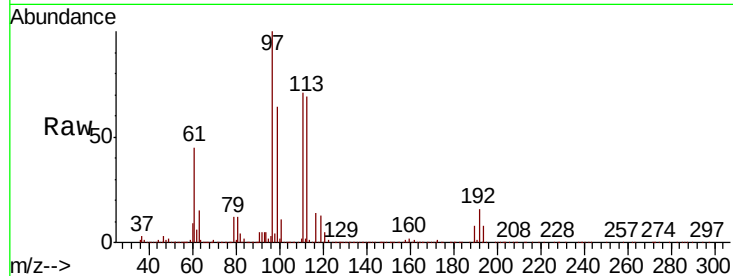




#35
 Dibromofluoromethane
 Concen: 50.765 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX014966.D
 Acq: 19 Feb 2020 16:49

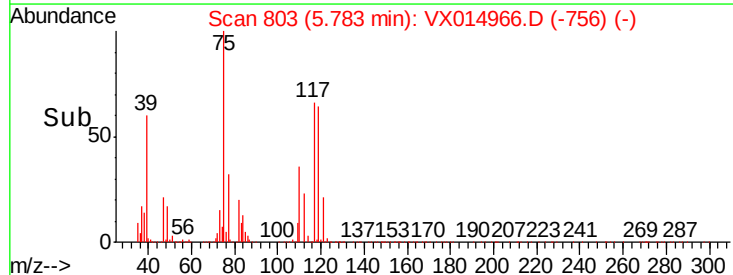
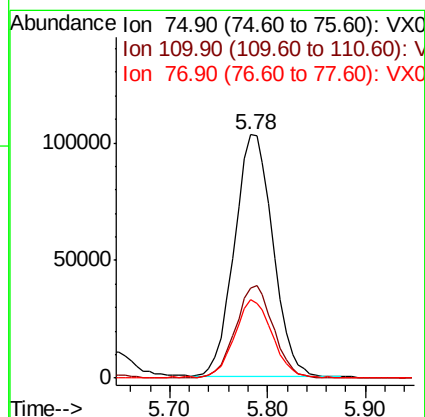
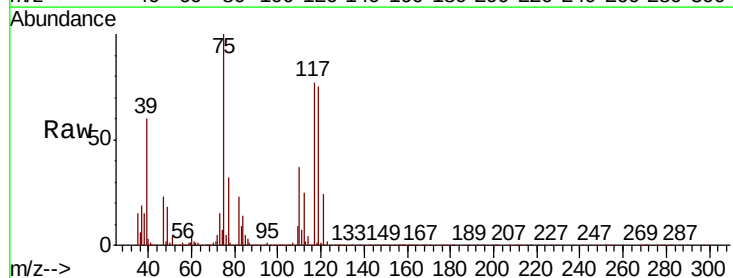
Instrument :
 MSVOA_X
 ClientSampleId :

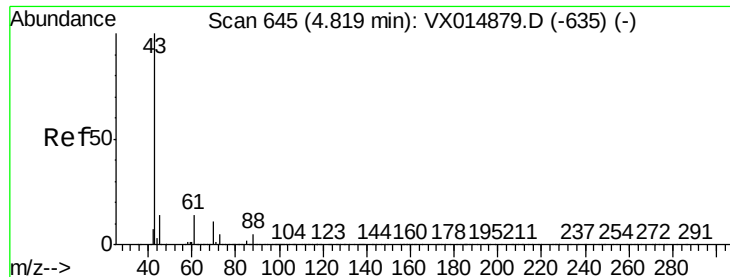
Tot Ion:113 Resp: 205084
 Ion Ratio Lower Upper
 113 100
 111 100.7 82.4 123.6
 192 23.8 19.1 28.7



#36
 1,1-Dichloropropene
 Concen: 48.003 ug/l
 RT: 5.78 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: VX014966.D
 Acq: 19 Feb 2020 16:49

Tgt Ion: 75 Resp: 282171
 Ion Ratio Lower Upper
 75 100
 110 37.7 18.3 54.8
 77 31.7 24.6 36.8

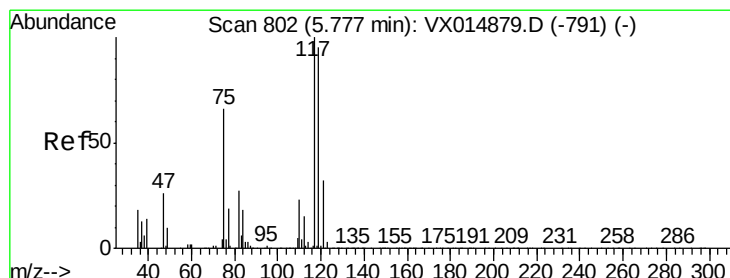
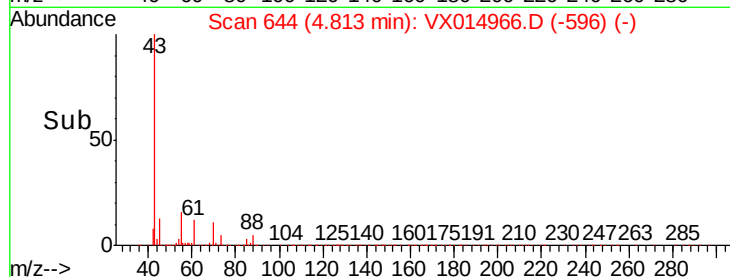
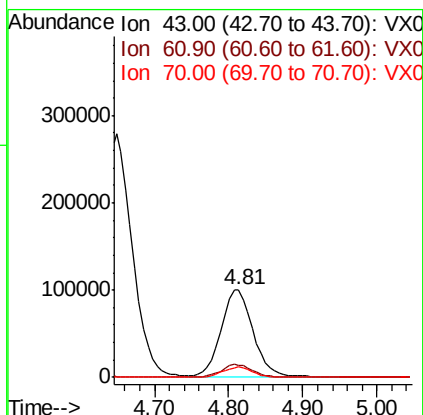
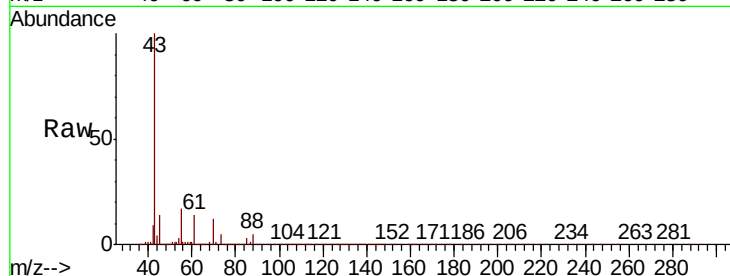




#37
Ethyl Acetate
Concen: 48.602 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014966.D
Acq: 19 Feb 2020 16:49

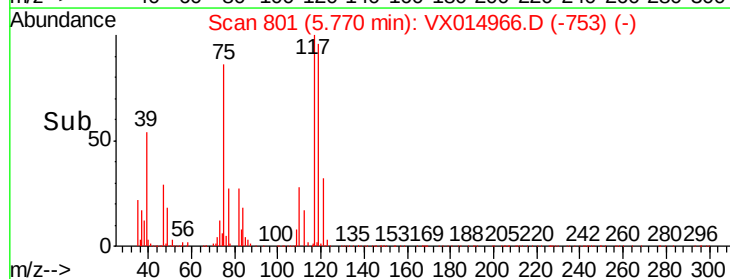
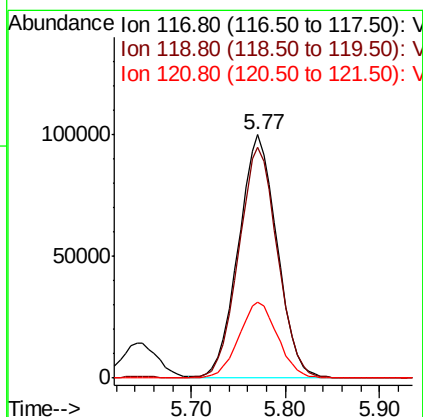
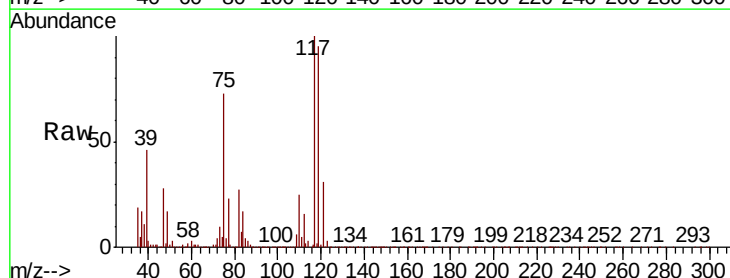
Instrument :
MSVOA_X
ClientSampleId :

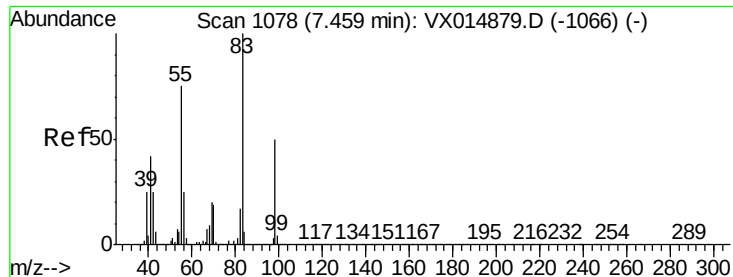
Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	10.9	16.3
70	11.1	8.7	13.1



#38
Carbon Tetrachloride
Concen: 49.665 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014966.D
Acq: 19 Feb 2020 16:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.0	76.0	114.0
121	31.1	25.4	38.2

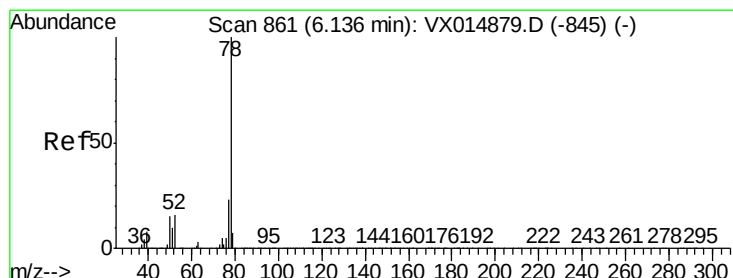
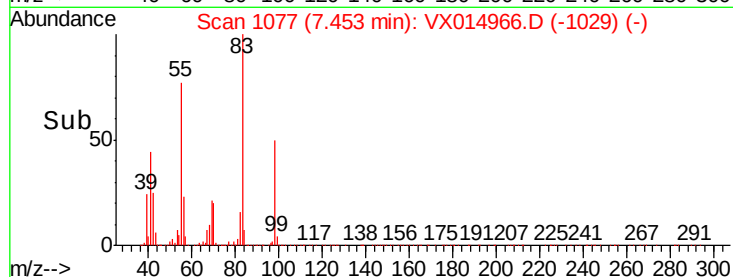
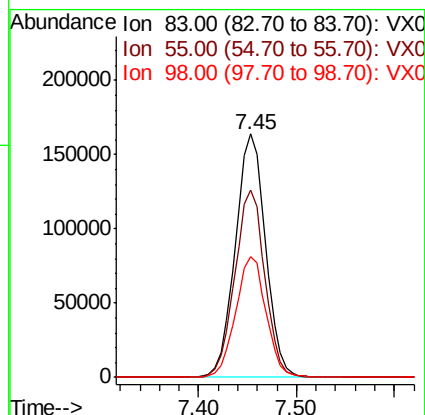
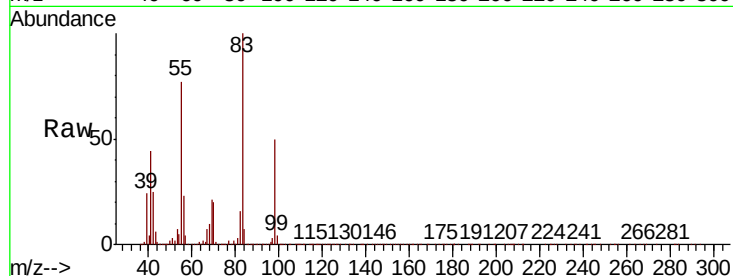




#39
Methylvlcyclohexane
Concen: 47.791 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014966.D
Acq: 19 Feb 2020 16:49

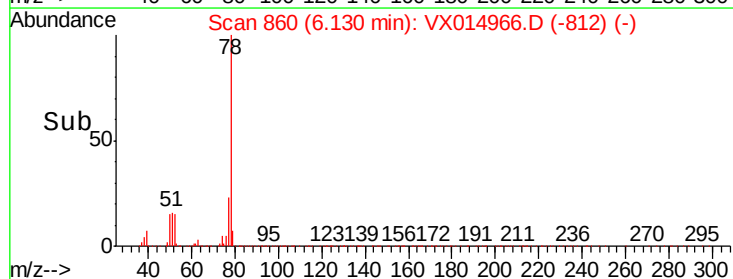
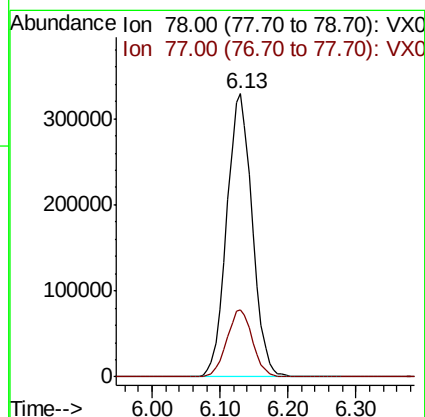
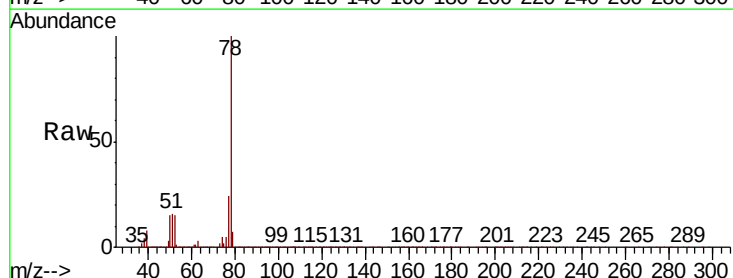
Instrument :
MSVOA_X
ClientSampleId :

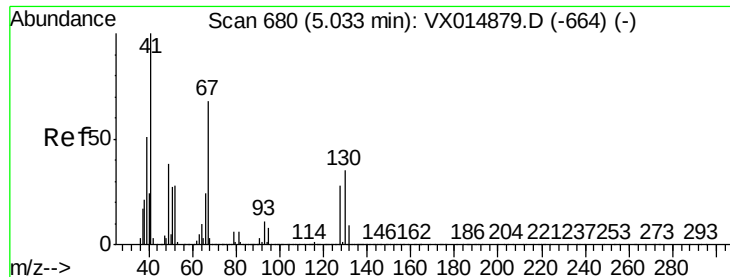
Tot Ion: 83 Resp: 351336
Ion Ratio Lower Upper
83 100
55 76.9 60.0 90.0
98 49.5 39.6 59.4



#40
Benzene
Concen: 48.639 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014966.D
Acq: 19 Feb 2020 16:49

Tgt Ion: 78 Resp: 854247
Ion Ratio Lower Upper
78 100
77 23.6 18.8 28.2

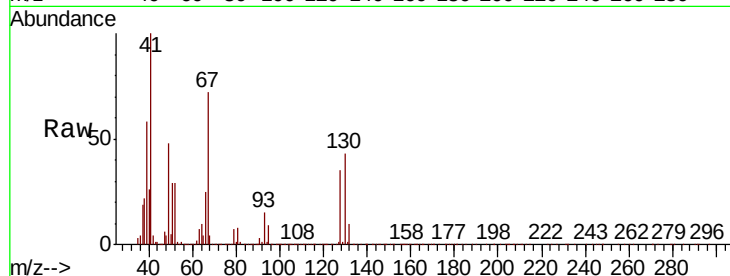




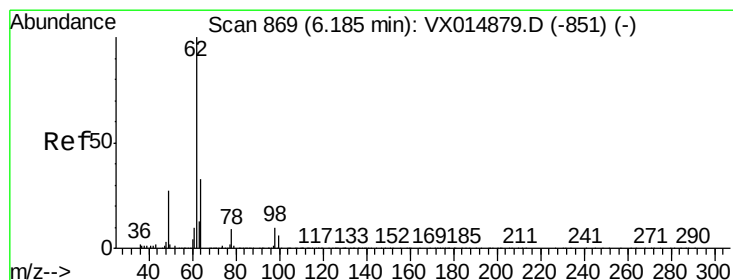
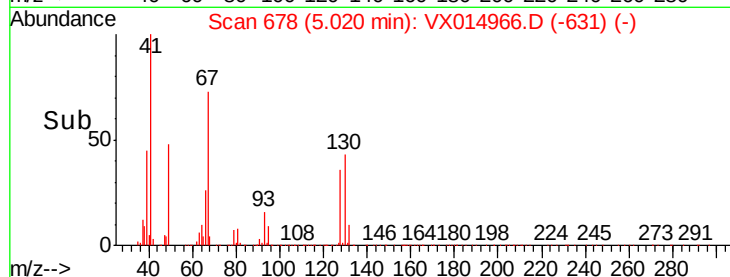
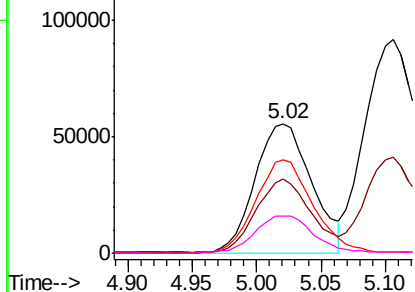
#41
Methacrylonitrile
Concen: 51.234 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014966.D
Acq: 19 Feb 2020 16:49

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	169218
Ion	Ratio	Lower	Upper
41	100		
39	55.4	44.7	67.1
67	72.4	56.6	84.8
52	29.3	22.3	33.5

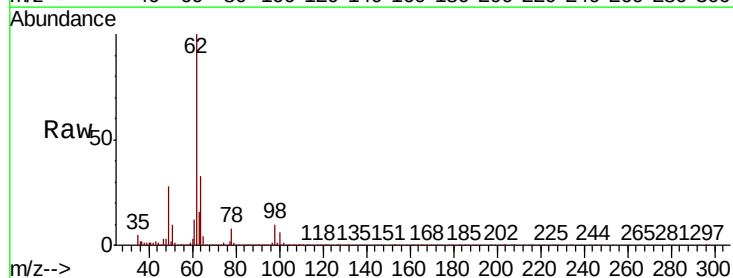


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

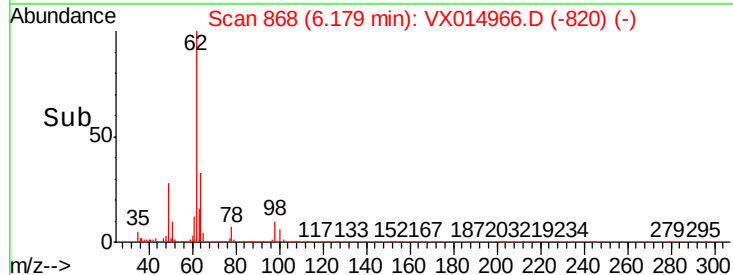
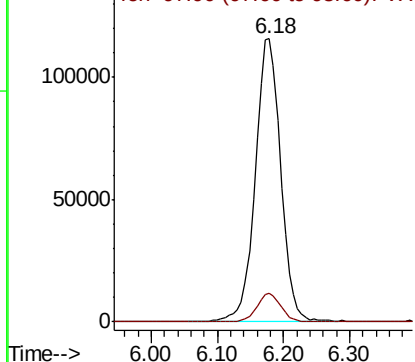


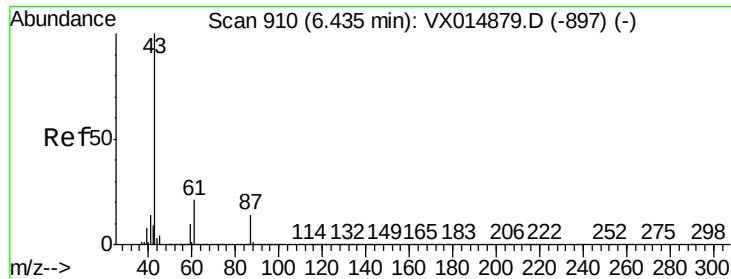
#42
1,2-Dichloroethane
Concen: 48.927 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014966.D
Acq: 19 Feb 2020 16:49

Tgt Ion:	62	Resp:	310576
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.2



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 50.153 ug/l

RT: 6.42 min Scan# 908

Delta R.T. -0.01 min

Lab File: VX014966.D

Acq: 19 Feb 2020 16:49

Instrument :
MSVOA_X
ClientSampleId :

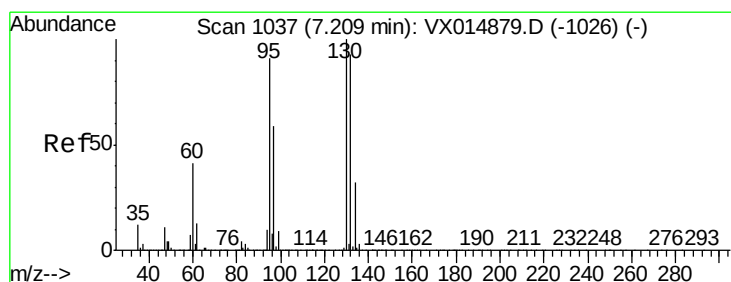
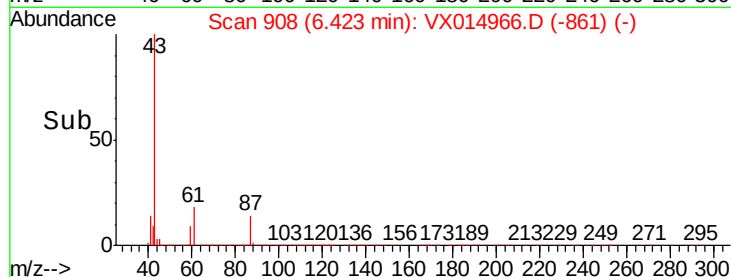
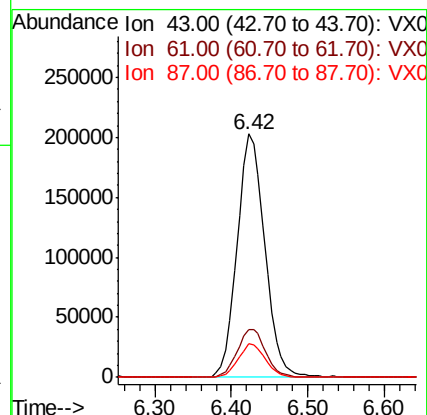
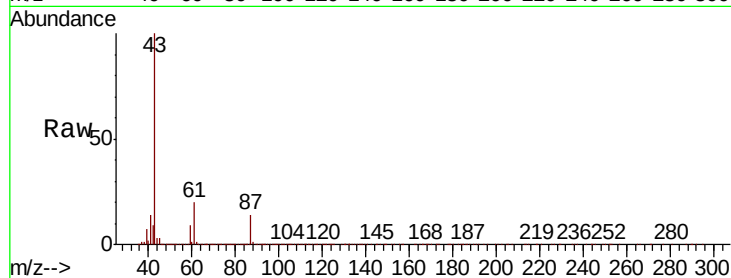
Tot Ion: 43 Resp: 507231

Ion Ratio Lower Upper

43 100

61 20.1 16.2 24.4

87 13.5 11.0 16.6



#44

Trichloroethene

Concen: 47.608 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014966.D

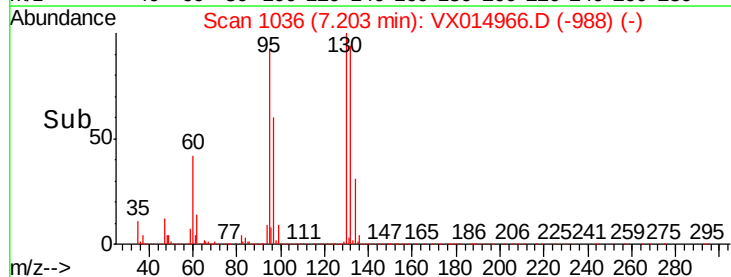
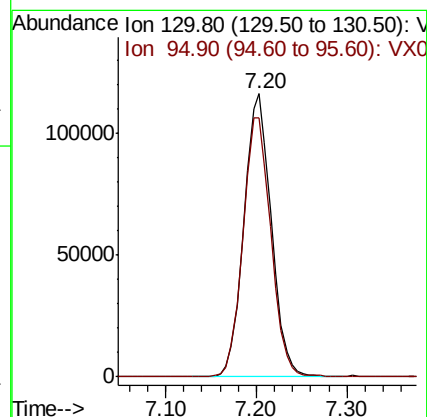
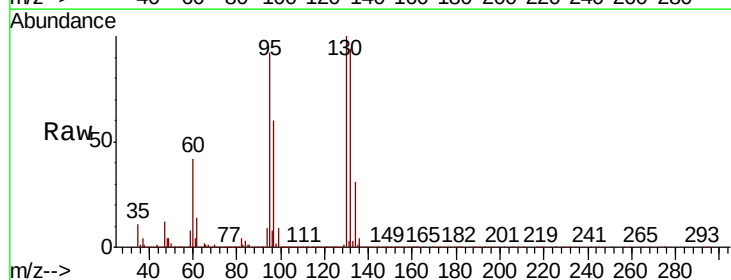
Acq: 19 Feb 2020 16:49

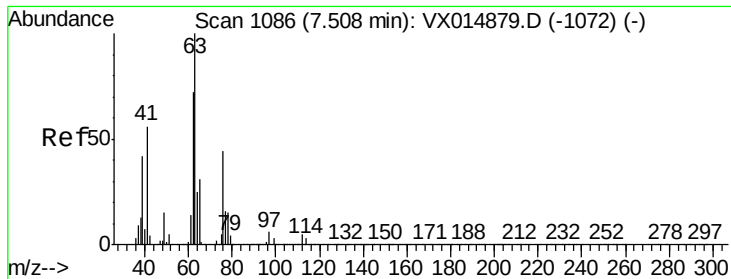
Tgt Ion:130 Resp: 242732

Ion Ratio Lower Upper

130 100

95 91.6 0.0 182.6





#45

1,2-Dichloropropane

Concen: 48.999 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX014966.D

Acq: 19 Feb 2020 16:49

Instrument :

MSVOA_X

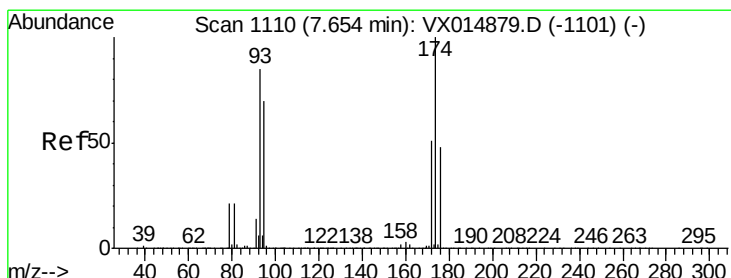
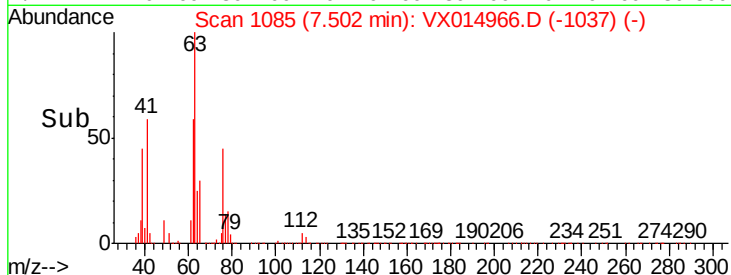
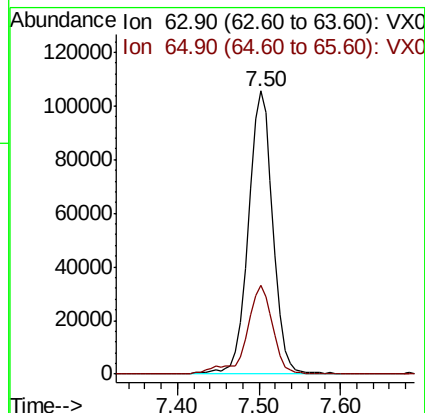
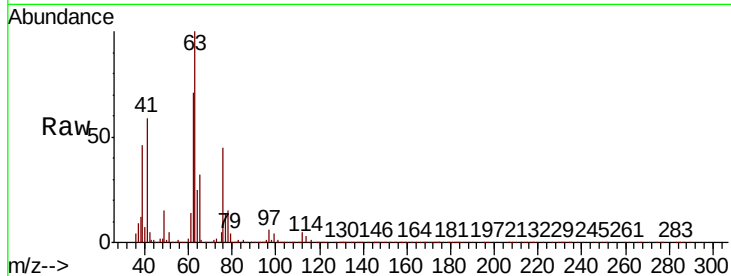
ClientSampleId :

Tot Ion: 63 Resp: 219475

Ion Ratio Lower Upper

63 100

65 31.4 24.9 37.3



#46

Dibromomethane

Concen: 48.148 ug/l

RT: 7.65 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VX014966.D

Acq: 19 Feb 2020 16:49

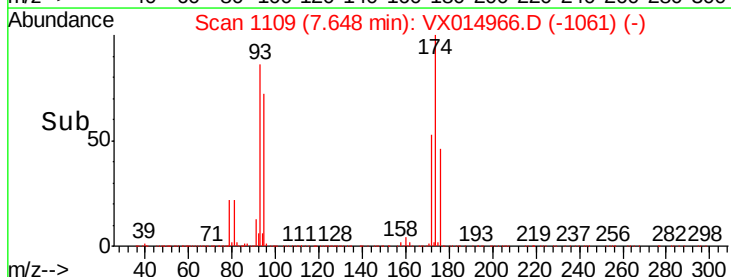
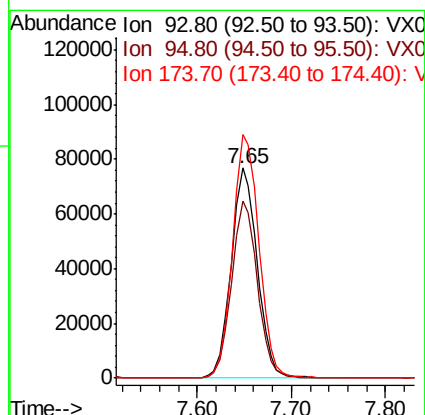
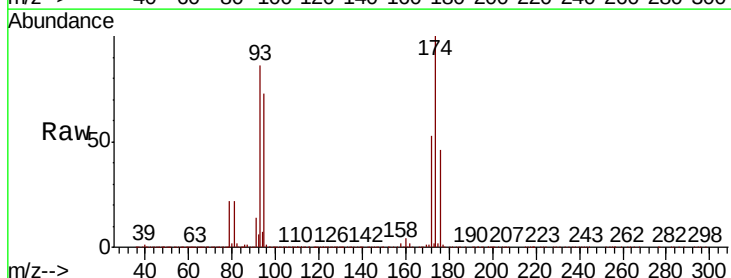
Tgt Ion: 93 Resp: 147416

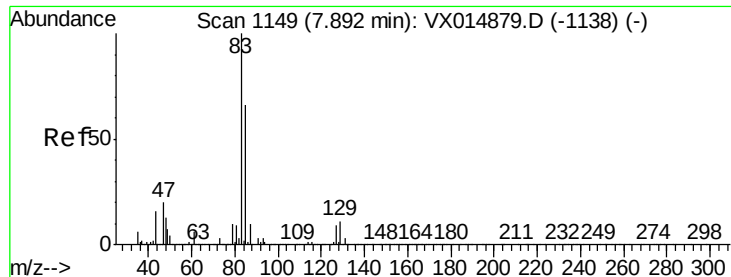
Ion Ratio Lower Upper

93 100

95 83.1 65.8 98.8

174 117.7 95.4 143.2





#47

Bromodichloromethane

Concen: 49.583 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014966.D

Acq: 19 Feb 2020 16:49

Instrument :
MSVOA_X
ClientSampleId :

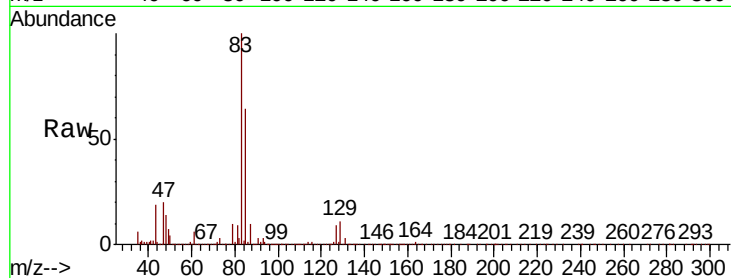
Tot Ion: 83 Resp: 301003

Ion Ratio Lower Upper

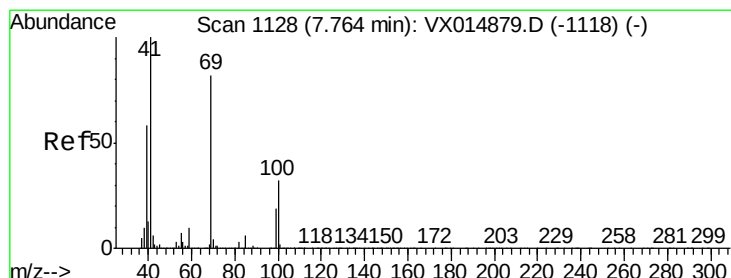
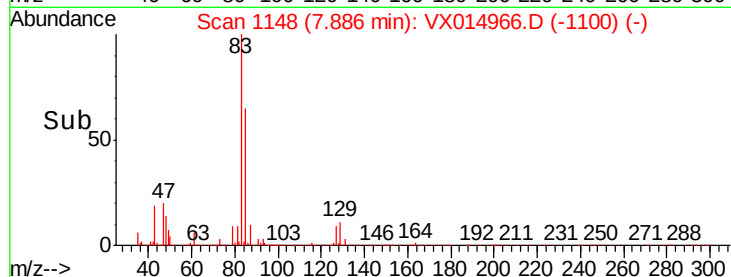
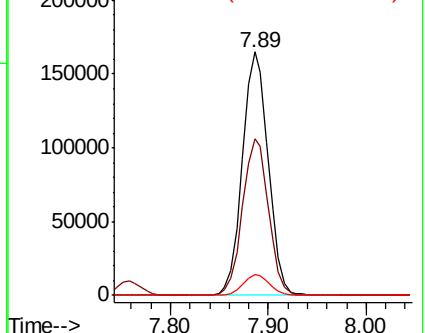
83 100

85 64.5 52.5 78.7

127 8.7 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 50.432 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX014966.D

Acq: 19 Feb 2020 16:49

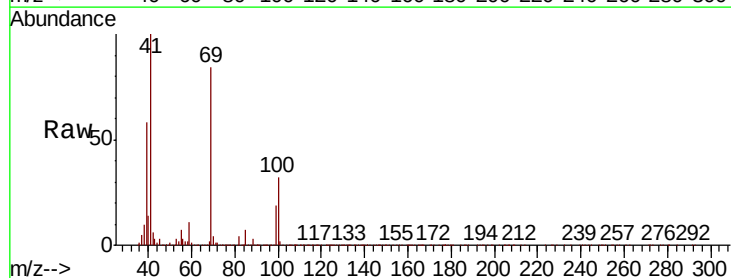
Tgt Ion: 41 Resp: 251014

Ion Ratio Lower Upper

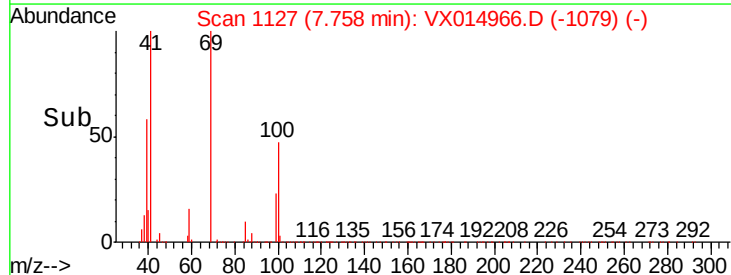
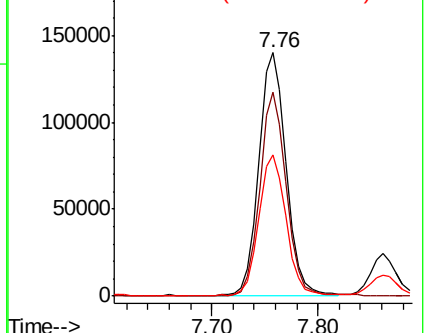
41 100

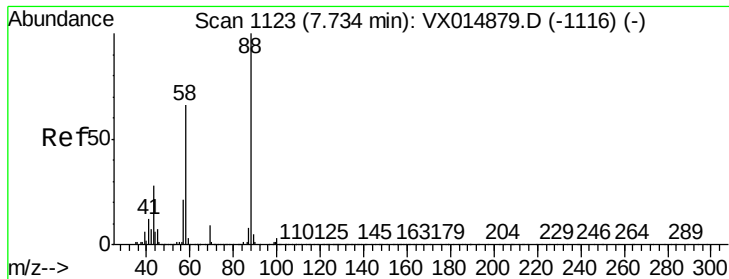
69 81.4 65.7 98.5

39 58.2 45.8 68.8



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





#49

1,4-Dioxane

Concen: 950.960 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX014966.D

Acq: 19 Feb 2020 16:49

Instrument :

MSVOA_X

ClientSampleId :

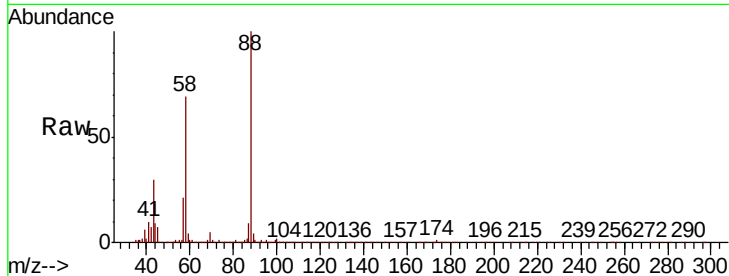
Tot Ion: 88 Resp: 88496

Ion Ratio Lower Upper

88 100

43 34.5 27.0 40.4

58 72.0 53.2 79.8



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

300000

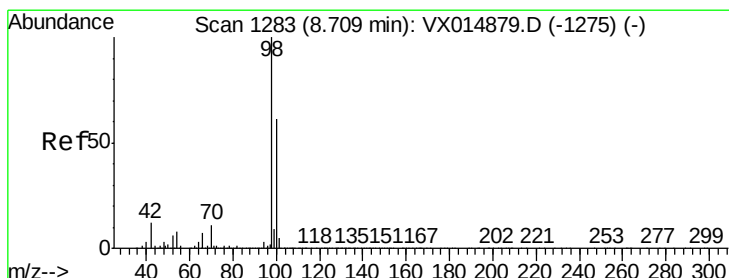
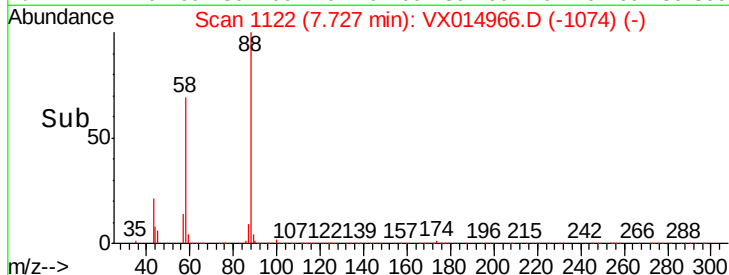
200000

100000

0

7.65 7.70 7.75 7.80

Time-->



#50

Toluene-d8

Concen: 49.337 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX014966.D

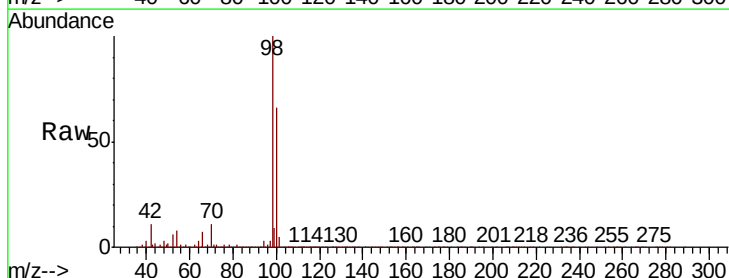
Acq: 19 Feb 2020 16:49

Tgt Ion: 98 Resp: 760803

Ion Ratio Lower Upper

98 100

100 65.9 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

500000

400000

300000

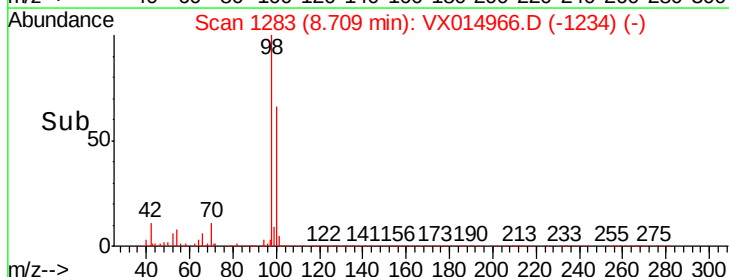
200000

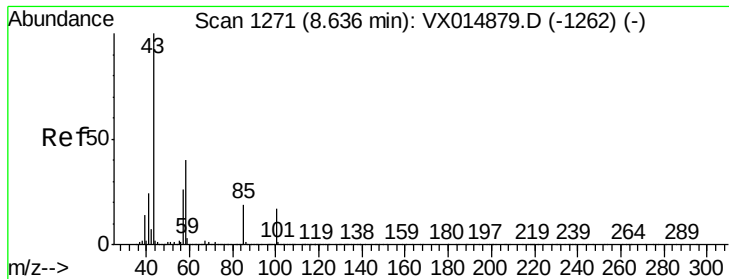
100000

0

8.60 8.65 8.70 8.75 8.80

Time-->





#51

4-Methyl-2-Pentanone

Concen: 252.800 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014966.D

Acq: 19 Feb 2020 16:49

Instrument :

MSVOA_X

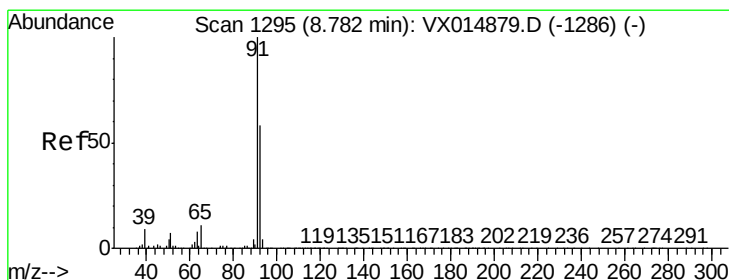
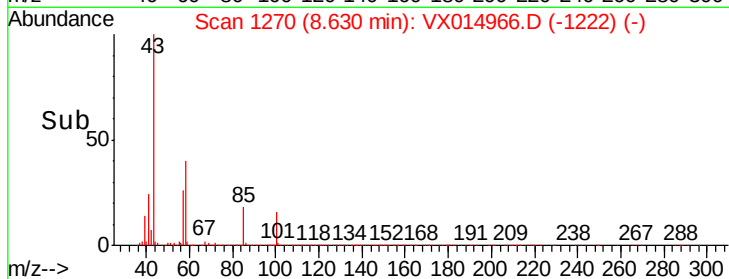
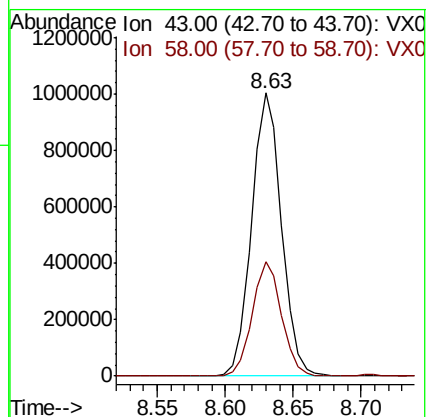
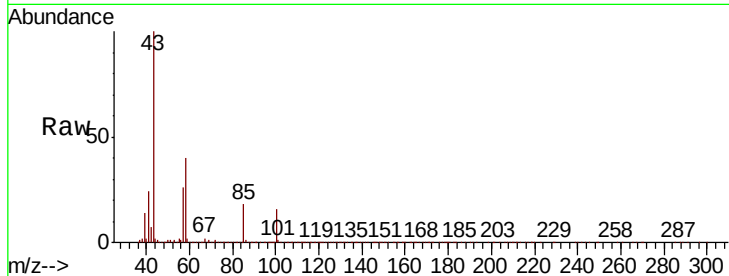
ClientSampleId :

Tot Ion: 43 Resp: 1543816

Ion Ratio Lower Upper

43 100

58 39.8 31.9 47.9



#52

Toluene

Concen: 48.712 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014966.D

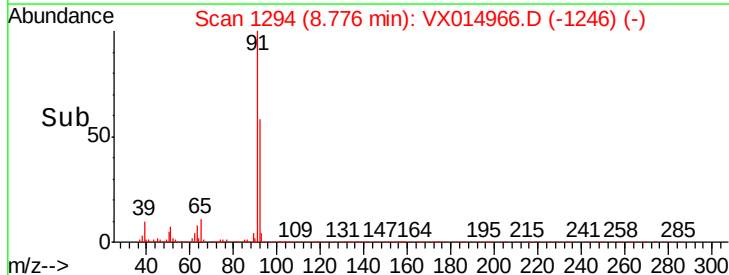
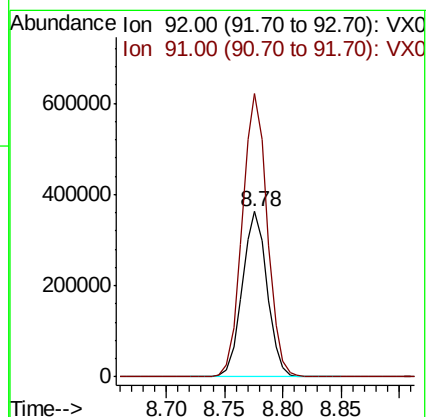
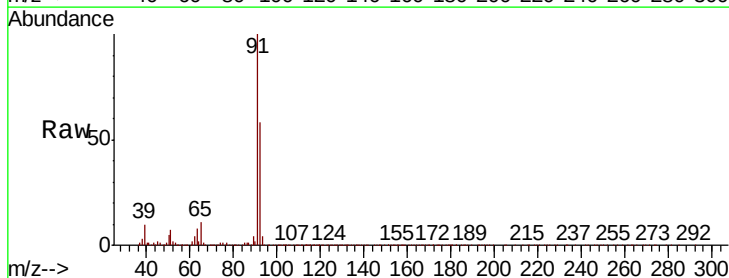
Acq: 19 Feb 2020 16:49

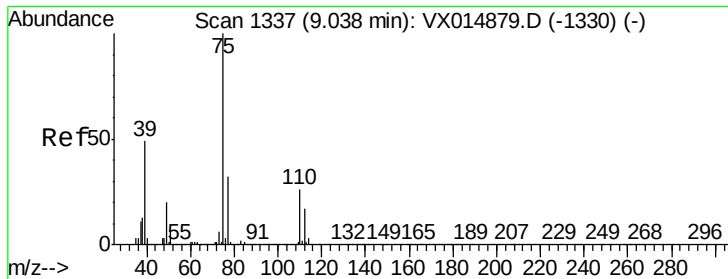
Tgt Ion: 92 Resp: 543381

Ion Ratio Lower Upper

92 100

91 171.3 137.0 205.4

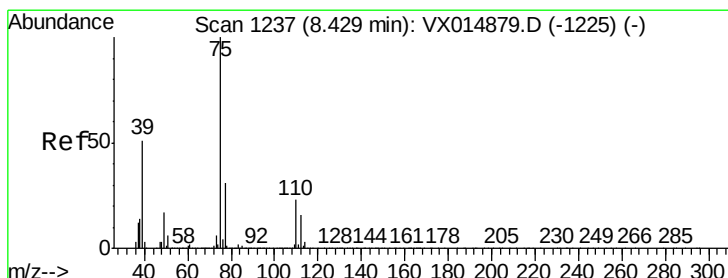
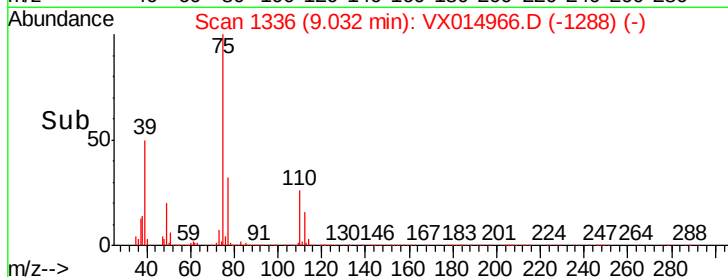
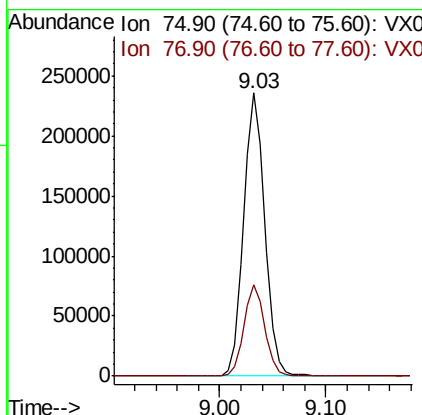
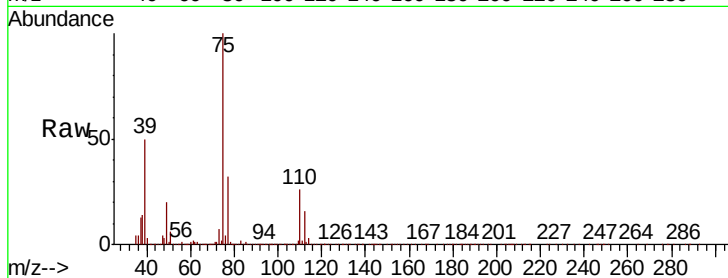




#53
 t-1,3-Dichloropropene
 Concen: 49.535 ug/l
 RT: 9.03 min Scan# 1336
 Delta R.T. -0.01 min
 Lab File: VX014966.D
 Acq: 19 Feb 2020 16:49

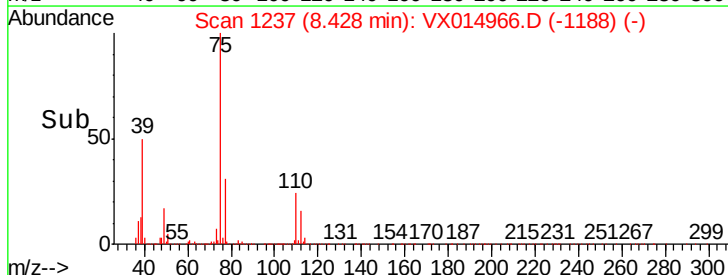
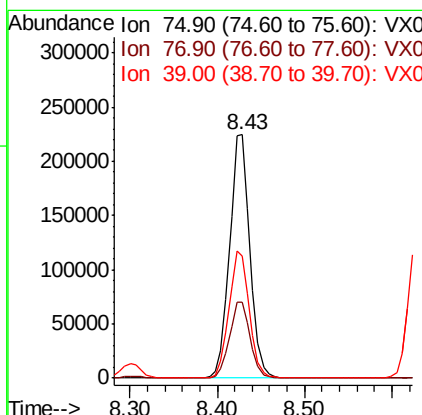
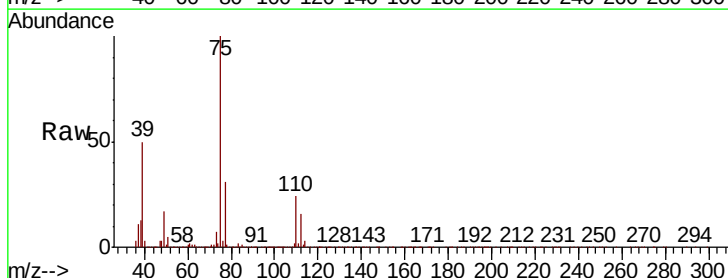
Instrument :
 MSVOA_X
 ClientSampled :

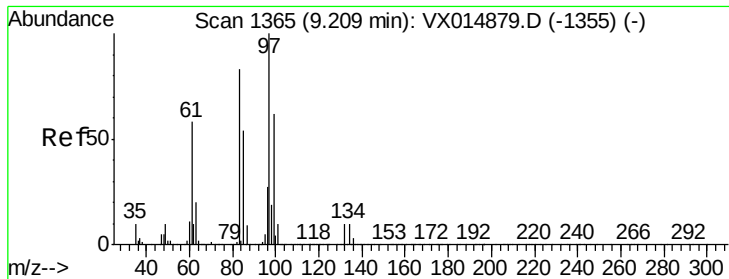
Tot Ion: 75 Resp: 329567
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 49.196 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX014966.D
 Acq: 19 Feb 2020 16:49

Tgt Ion: 75 Resp: 361586
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.6 37.0
 39 50.1 40.9 61.3





#55

1,1,2-Trichloroethane

Concen: 49.176 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX014966.D

Acq: 19 Feb 2020 16:49

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 221937

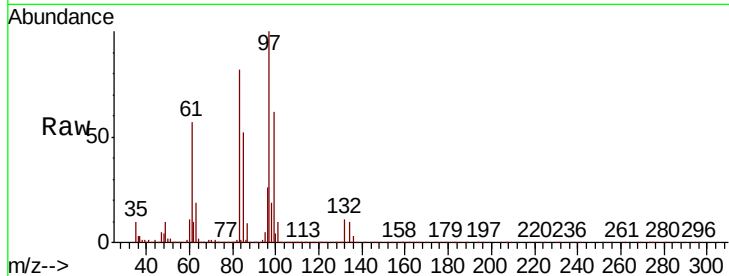
Ion Ratio Lower Upper

97 100

83 82.0 66.6 99.8

85 51.9 43.5 65.3

99 61.5 49.6 74.4

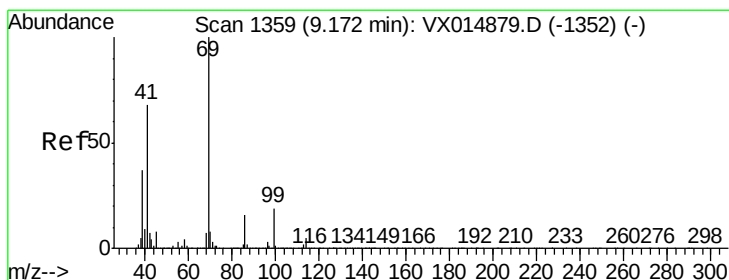
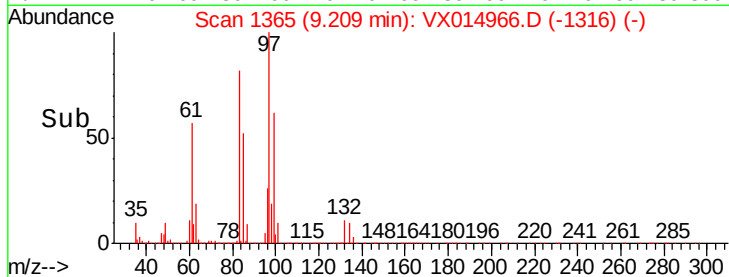
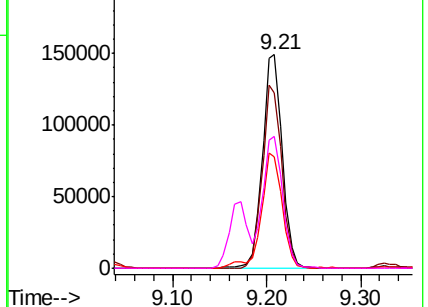


Abundance Ion 96.90 (96.60 to 97.60): VX0

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



#56

Ethyl methacrylate

Concen: 51.408 ug/l

RT: 9.17 min Scan# 1358

Delta R.T. -0.01 min

Lab File: VX014966.D

Acq: 19 Feb 2020 16:49

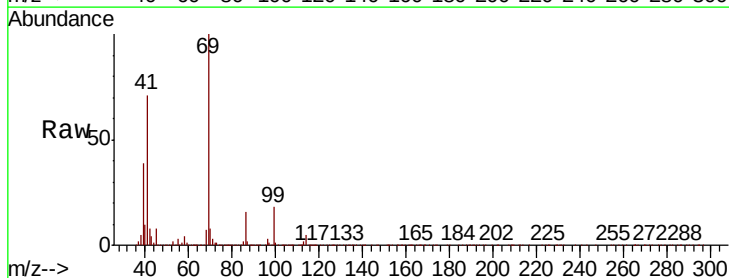
Tgt Ion: 69 Resp: 348731

Ion Ratio Lower Upper

69 100

41 67.7 54.8 82.2

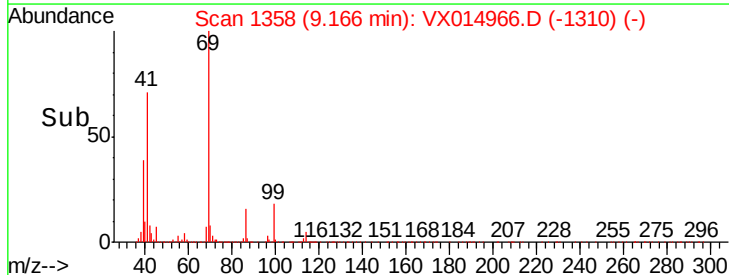
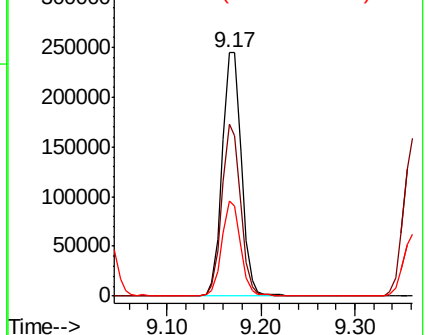
39 37.6 29.9 44.9

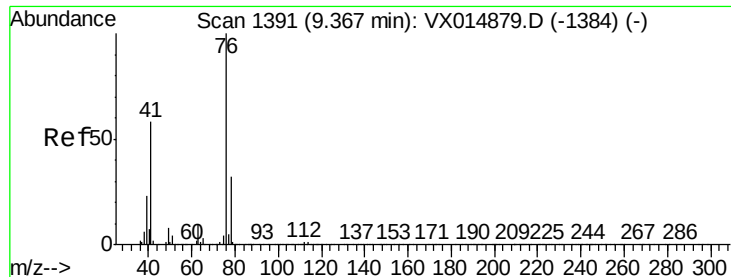


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 48.785 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014966.D

Acq: 19 Feb 2020 16:49

Instrument :

MSVOA_X

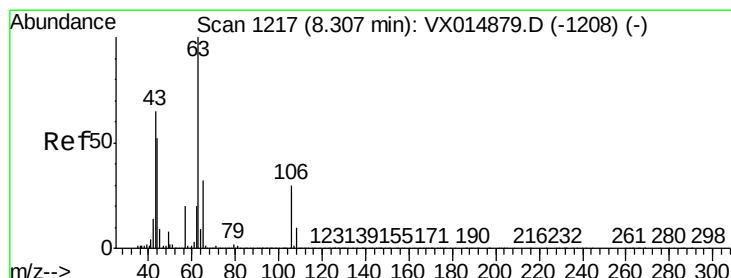
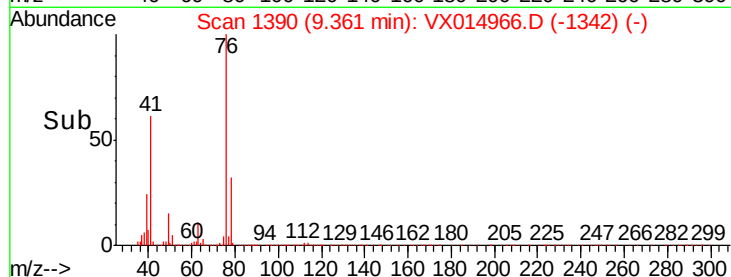
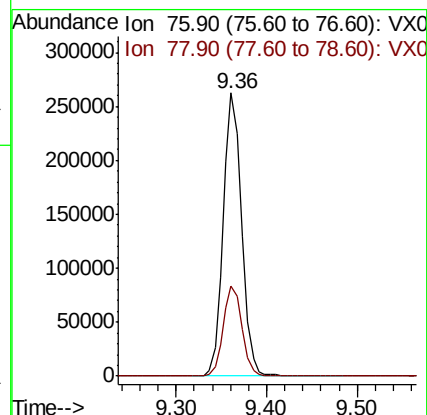
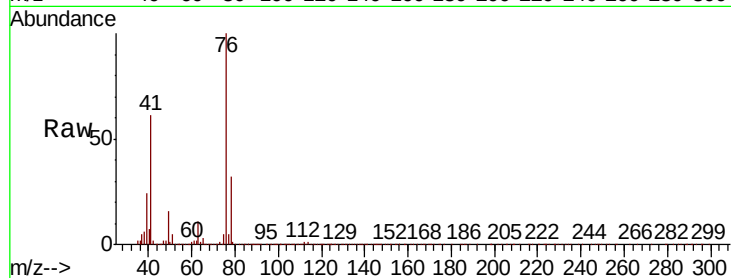
ClientSampleId :

Tot Ion: 76 Resp: 370625

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 267.615 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014966.D

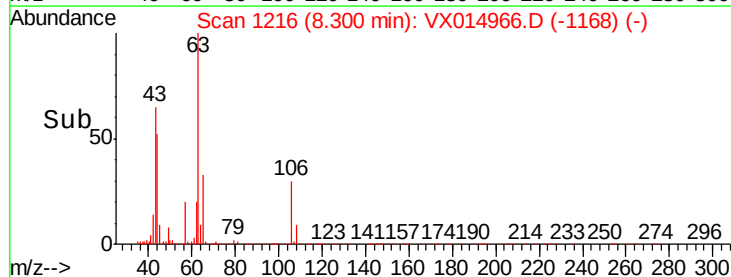
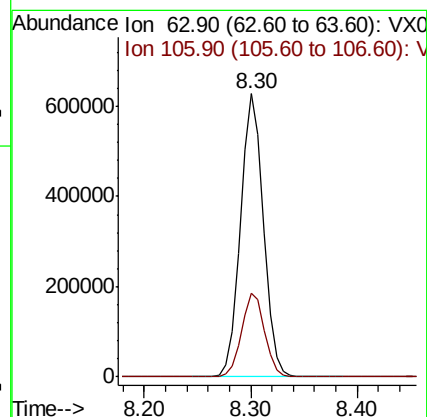
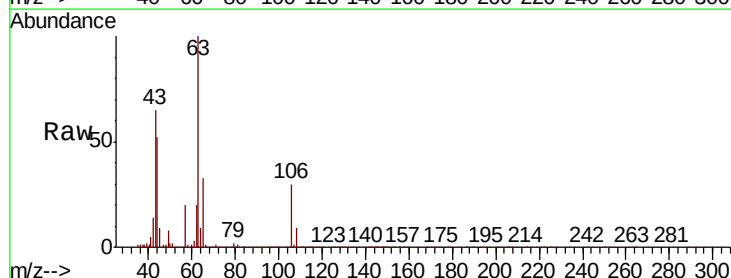
Acq: 19 Feb 2020 16:49

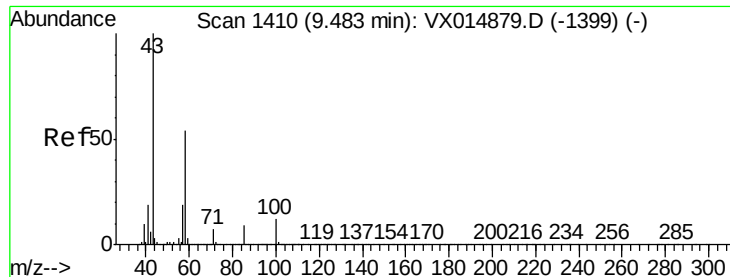
Tgt Ion: 63 Resp: 949415

Ion Ratio Lower Upper

63 100

106 29.9 23.8 35.8

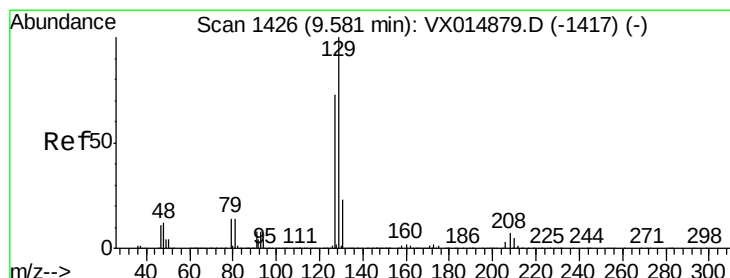
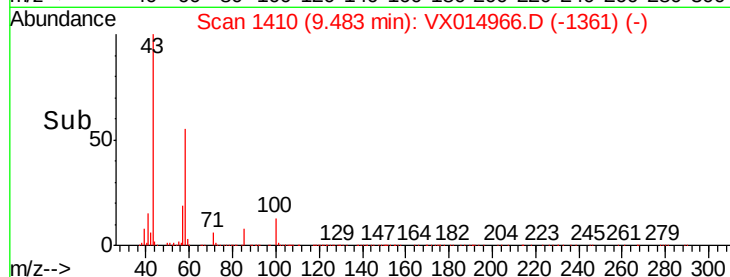
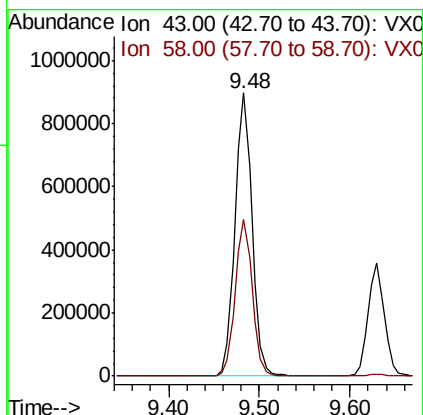
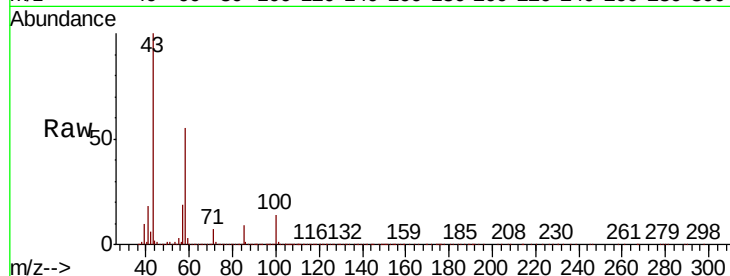




#59
2-Hexanone
Concen: 244.499 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX014966.D
Acq: 19 Feb 2020 16:49

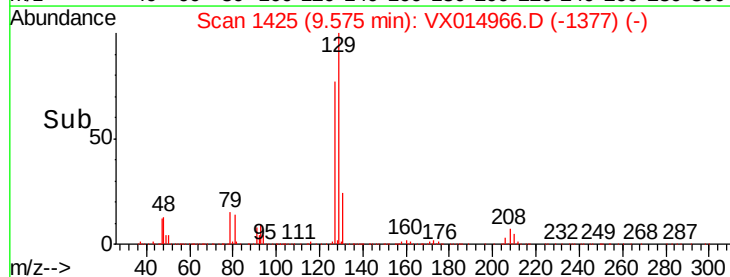
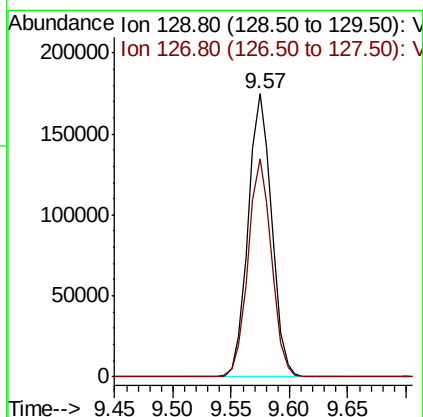
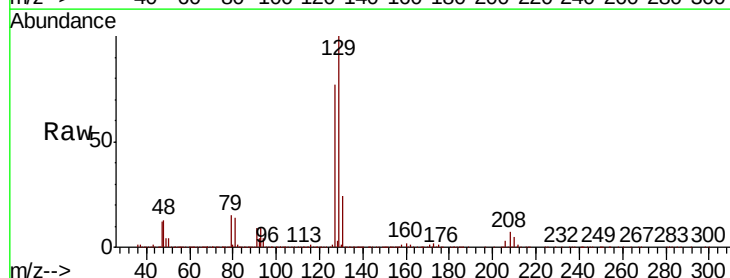
Instrument :
MSVOA_X
ClientSampleId :

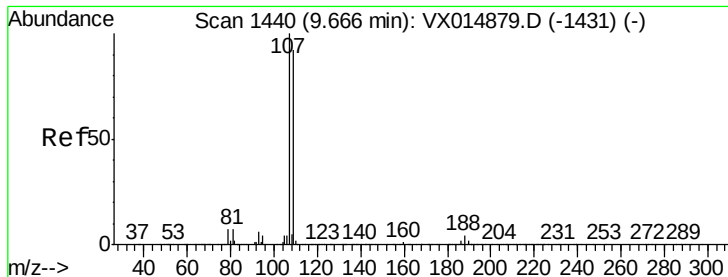
Tot Ion: 43 Resp: 1173616
Ion Ratio Lower Upper
43 100
58 55.4 27.5 82.5



#60
Dibromochloromethane
Concen: 50.980 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX014966.D
Acq: 19 Feb 2020 16:49

Tgt Ion:129 Resp: 247601
Ion Ratio Lower Upper
129 100
127 76.7 37.8 113.3





#61

1,2-Dibromoethane

Concen: 47.934 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX014966.D

Acq: 19 Feb 2020 16:49

Instrument :

MSVOA_X

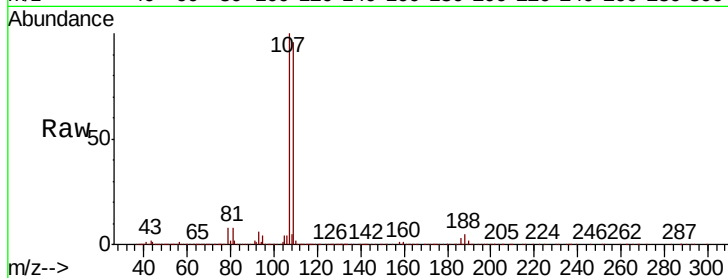
ClientSampleId :

Tot Ion:107 Resp: 233417

Ion Ratio Lower Upper

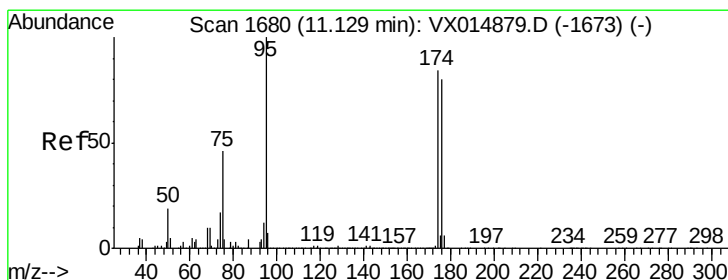
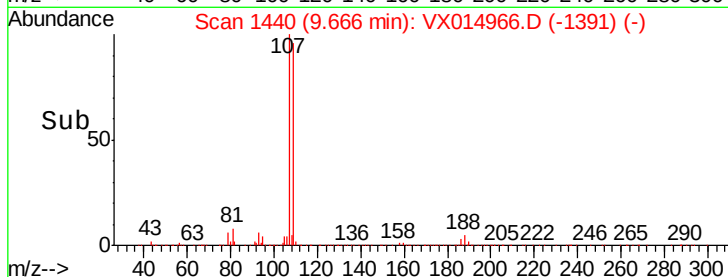
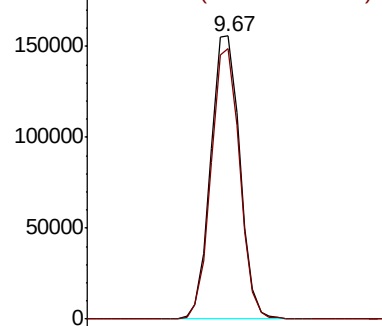
107 100

109 94.2 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.597 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX014966.D

Acq: 19 Feb 2020 16:49

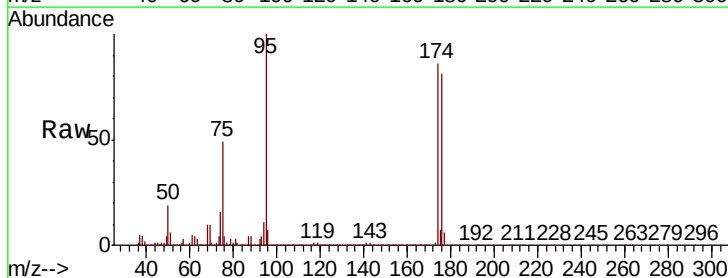
Tgt Ion: 95 Resp: 286618

Ion Ratio Lower Upper

95 100

174 90.5 0.0 183.0

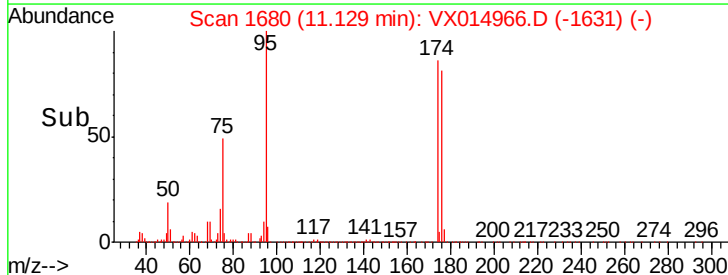
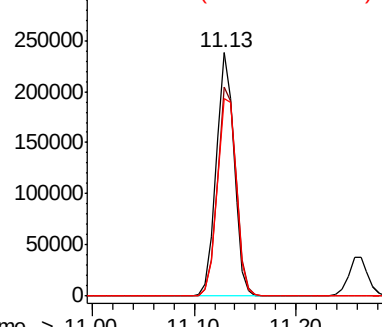
176 87.9 0.0 178.0

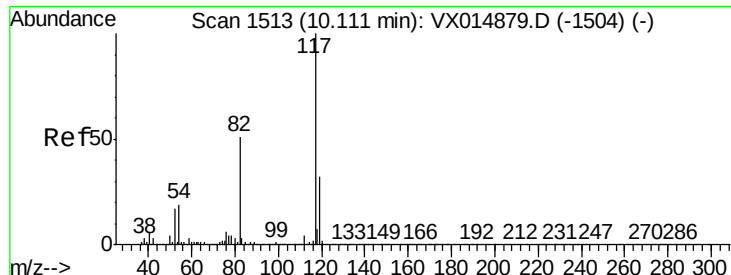


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

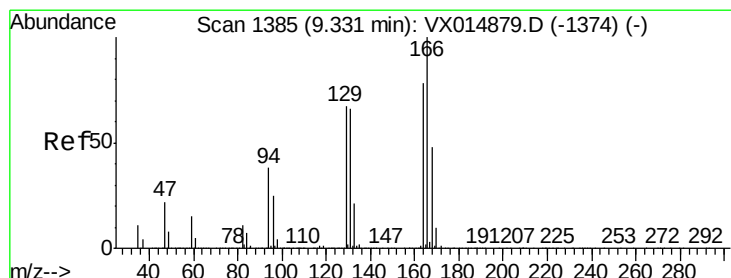
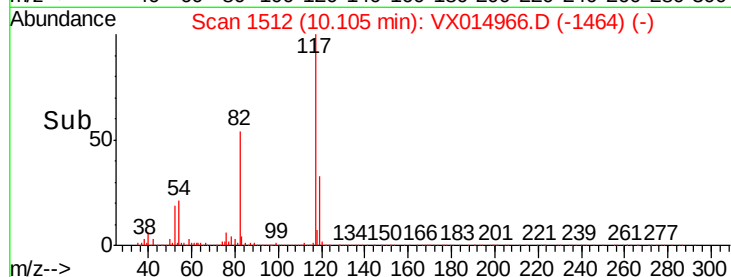
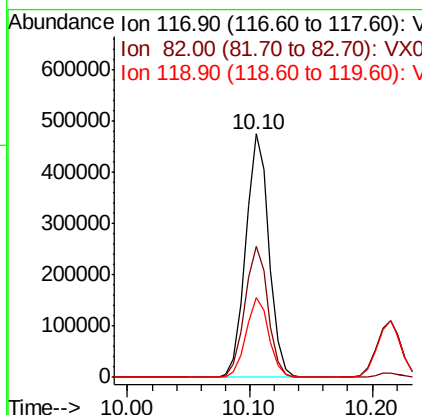
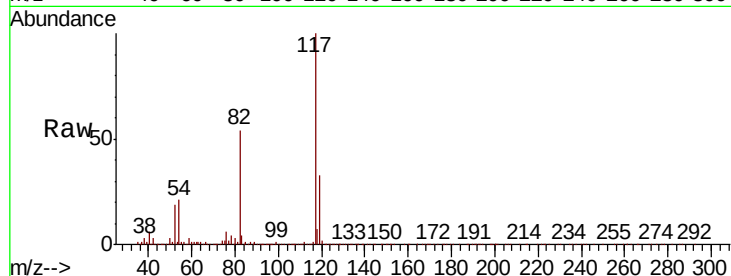




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014966.D
Acq: 19 Feb 2020 16:49

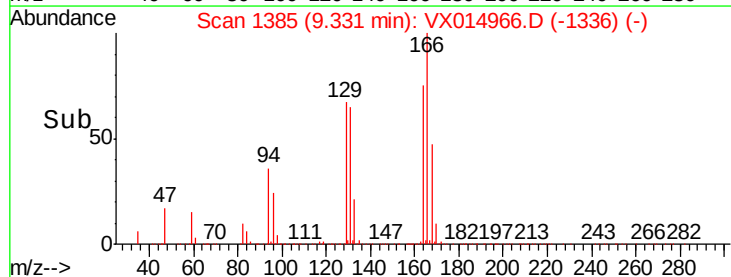
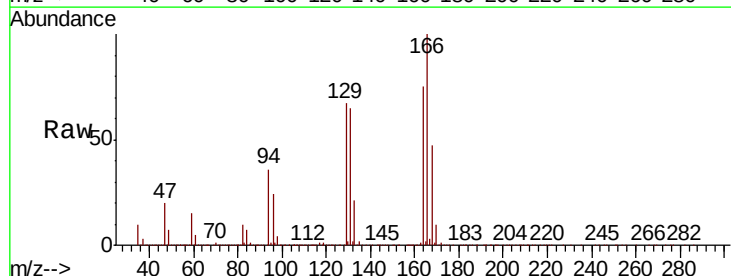
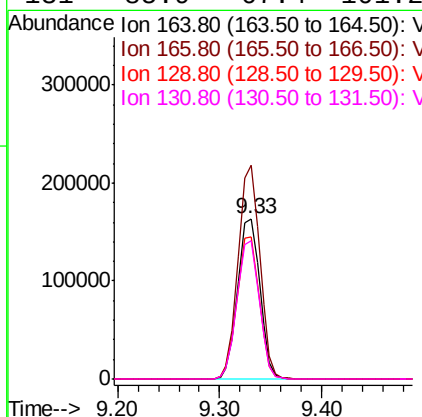
Instrument :
MSVOA_X
ClientSampleId :

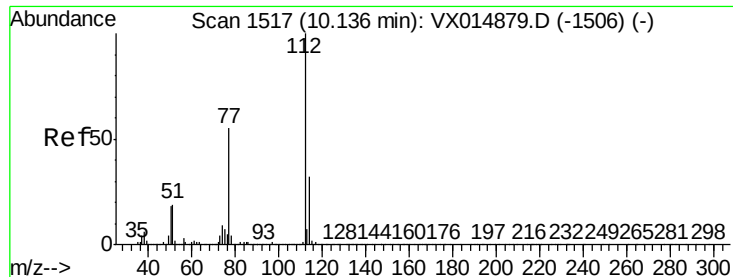
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.5	40.5	60.7
119	32.5	25.8	38.6



#64
Tetrachloroethene
Concen: 42.447 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX014966.D
Acq: 19 Feb 2020 16:49

Tgt Ion	Ratio	Lower	Upper
164	100		
166	133.0	102.6	153.8
129	88.6	68.3	102.5
131	85.9	67.4	101.2

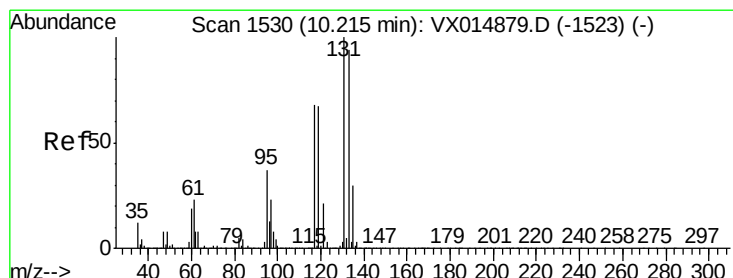
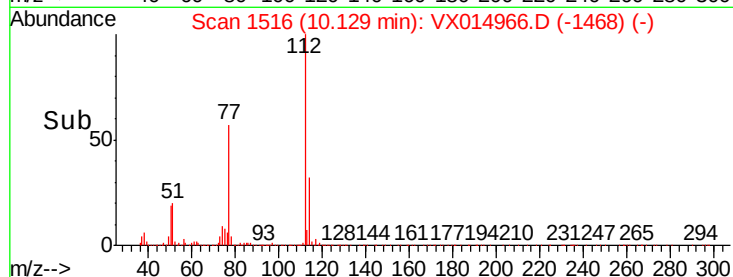
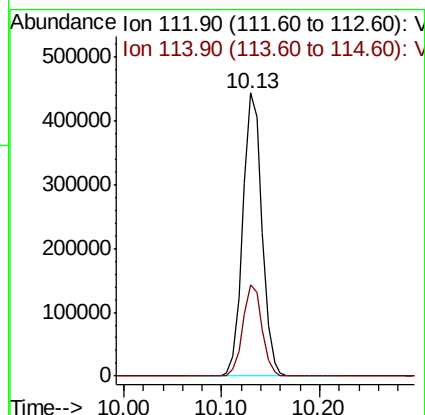
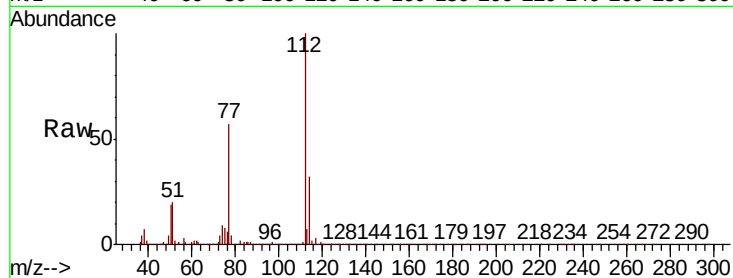




#65
Chlorobenzene
Concen: 47.781 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX014966.D
Acq: 19 Feb 2020 16:49

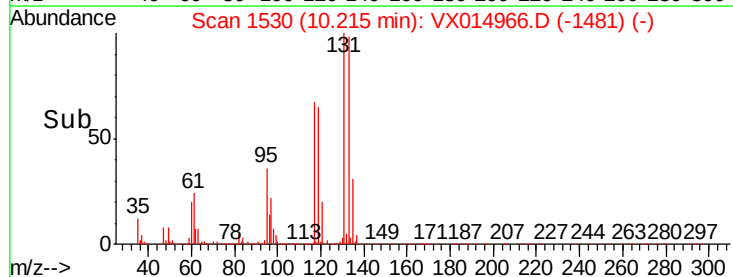
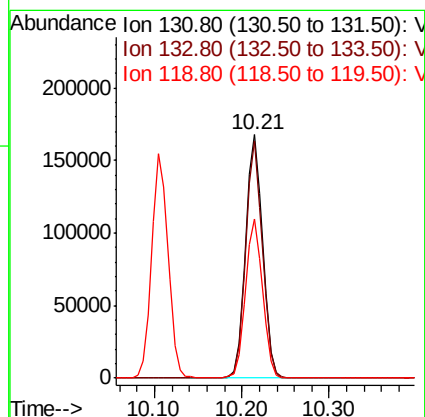
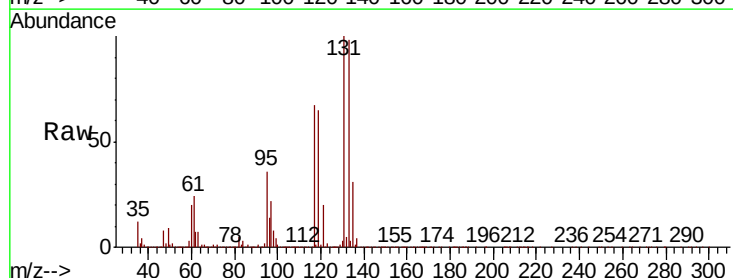
Instrument :
MSVOA_X
ClientSampleId :

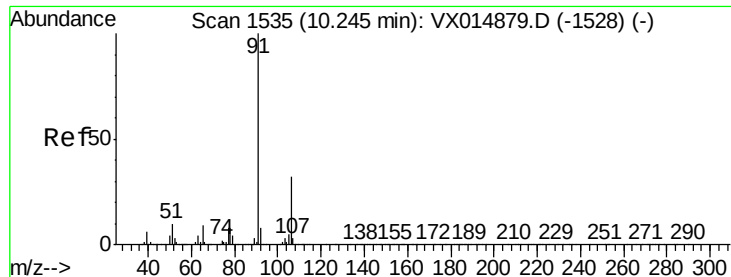
Tot Ion:112 Resp: 603493
Ion Ratio Lower Upper
112 100
114 32.2 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 49.708 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX014966.D
Acq: 19 Feb 2020 16:49

Tgt Ion:131 Resp: 227929
Ion Ratio Lower Upper
131 100
133 95.4 48.1 144.4
119 65.4 33.0 99.0

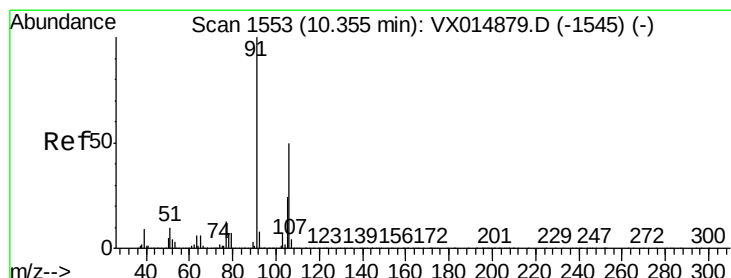
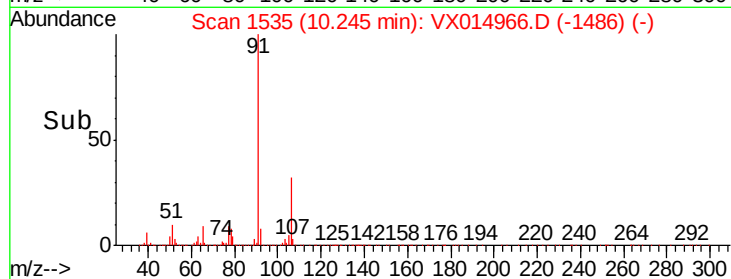
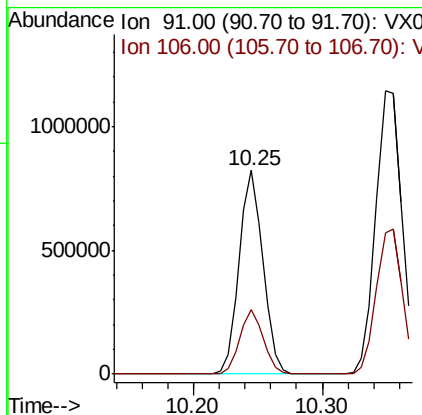
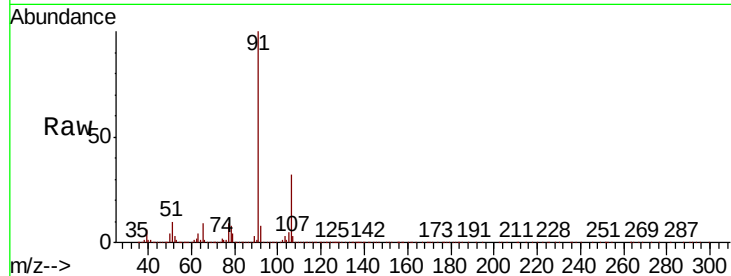




#67
Ethyl Benzene
Concen: 49.047 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX014966.D
Acq: 19 Feb 2020 16:49

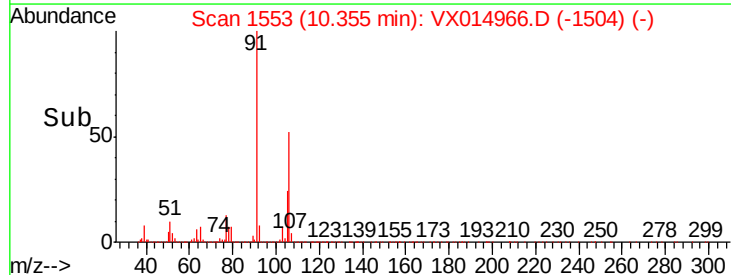
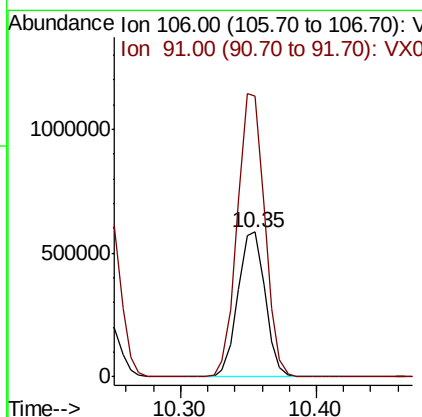
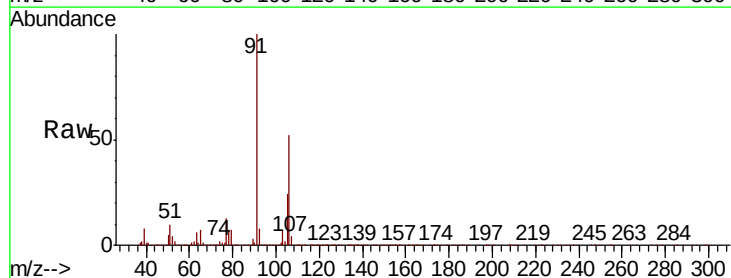
Instrument :
MSVOA_X
ClientSampleId :

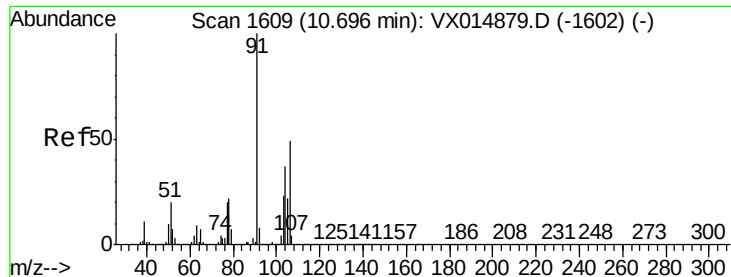
Tot Ion: 91 Resp: 1053547
Ion Ratio Lower Upper
91 100
106 31.8 25.3 37.9



#68
m/p-Xylenes
Concen: 98.657 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX014966.D
Acq: 19 Feb 2020 16:49

Tgt Ion: 106 Resp: 816384
Ion Ratio Lower Upper
106 100
91 196.8 160.6 240.8

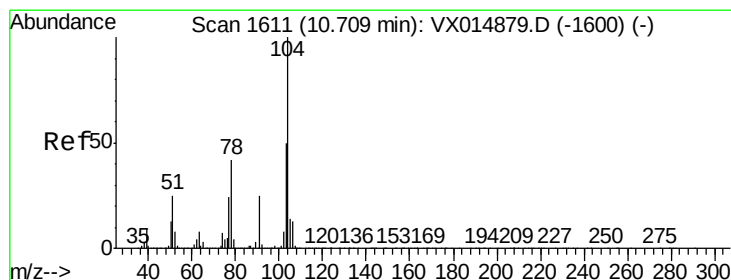
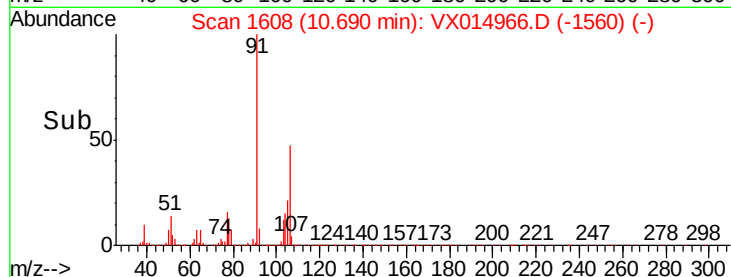
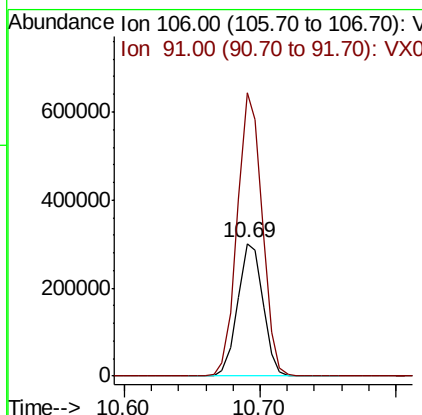
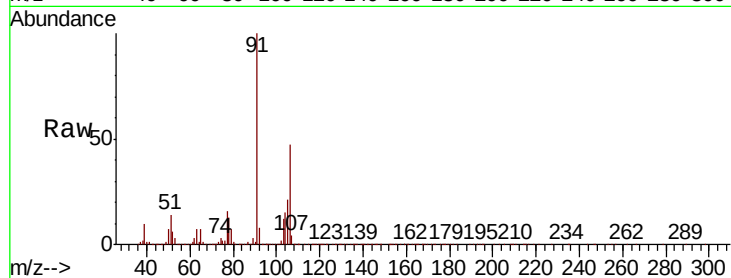




#69
o-Xylene
Concen: 48.913 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014966.D
Acq: 19 Feb 2020 16:49

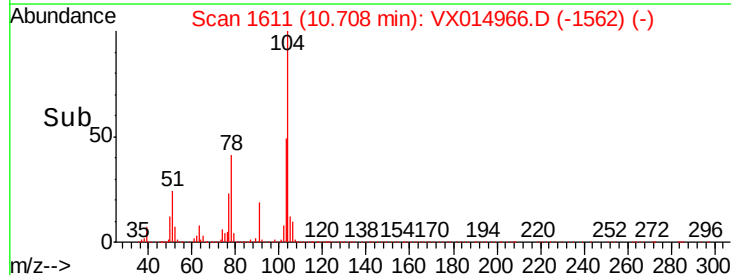
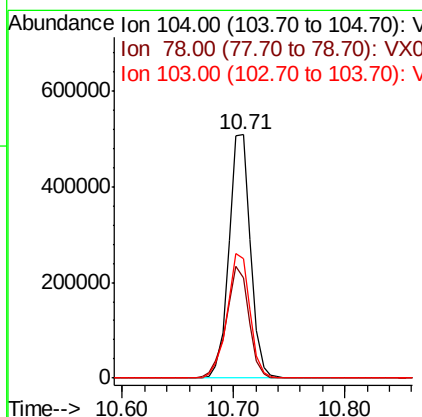
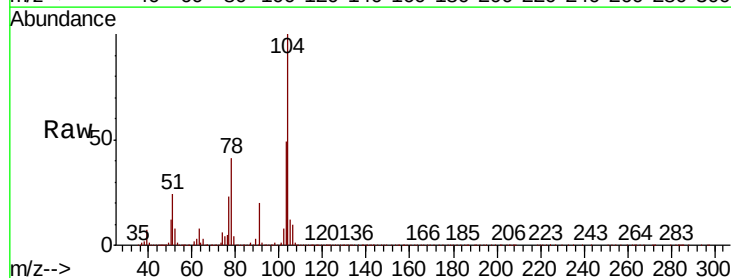
Instrument :
MSVOA_X
ClientSampleId :

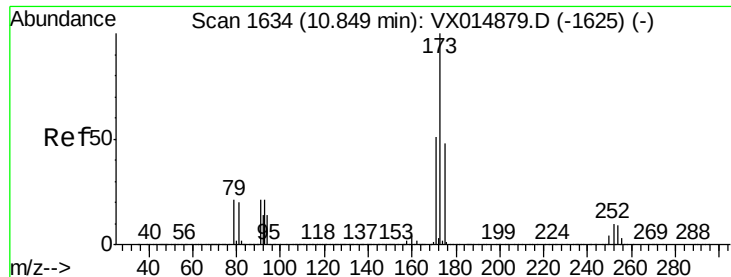
Tot Ion:106 Resp: 389077
Ion Ratio Lower Upper
106 100
91 210.7 105.1 315.3



#70
Styrene
Concen: 50.399 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX014966.D
Acq: 19 Feb 2020 16:49

Tgt Ion:104 Resp: 678210
Ion Ratio Lower Upper
104 100
78 48.2 39.0 58.4
103 54.3 43.4 65.0

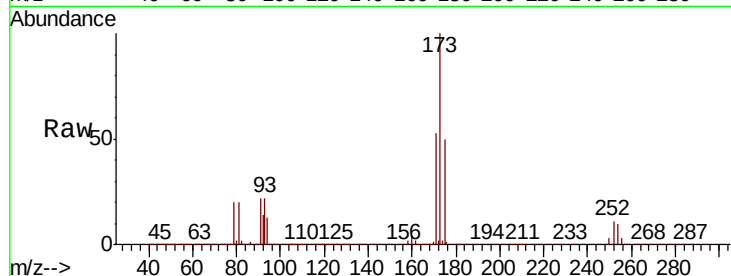




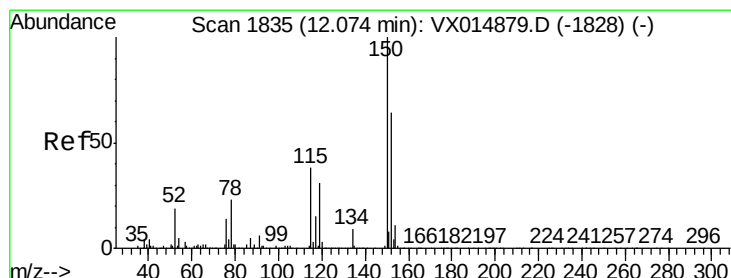
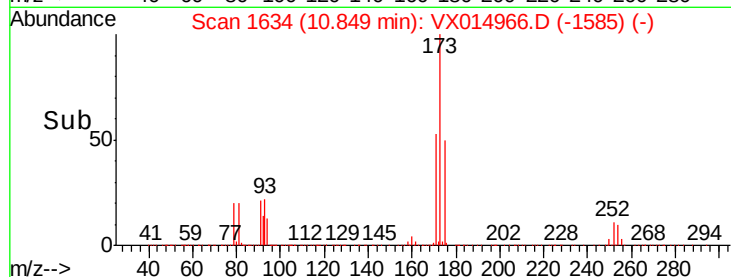
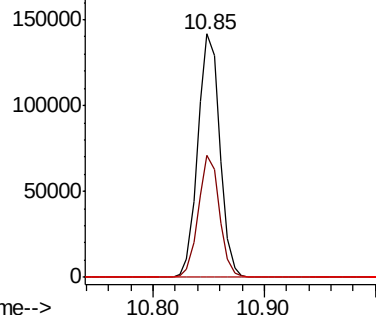
#71
Bromoform
Concen: 50.567 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VX014966.D
Acq: 19 Feb 2020 16:49

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:173 Resp: 193540
Ion Ratio Lower Upper
173 100
175 48.0 24.2 72.6
254 0.1 0.2 0.2#

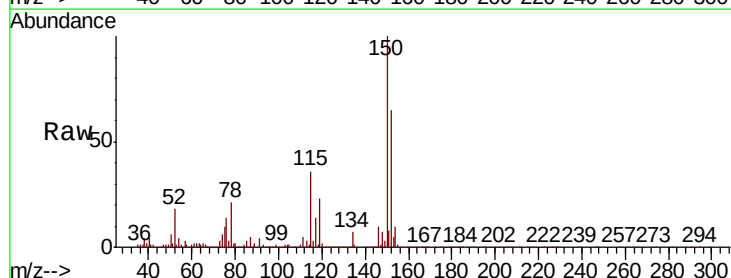


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

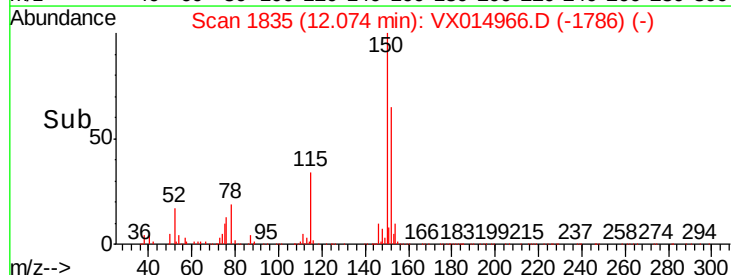
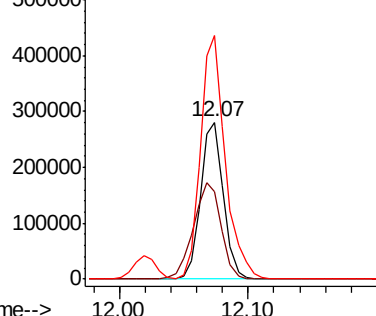


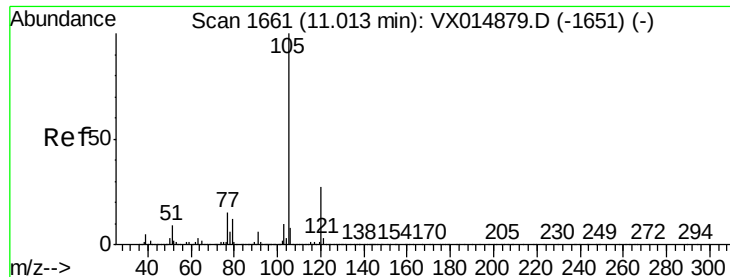
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX014966.D
Acq: 19 Feb 2020 16:49

Tgt Ion:152 Resp: 345029
Ion Ratio Lower Upper
152 100
115 75.1 38.6 116.0
150 169.3 0.0 349.0



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: 48.016 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX014966.D

Acq: 19 Feb 2020 16:49

Instrument :

MSVOA_X

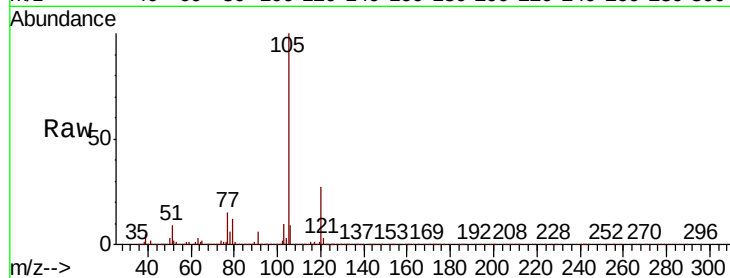
ClientSampleId :

Tot Ion:105 Resp: 1038920

Ion Ratio Lower Upper

105 100

120 27.2 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.01

800000

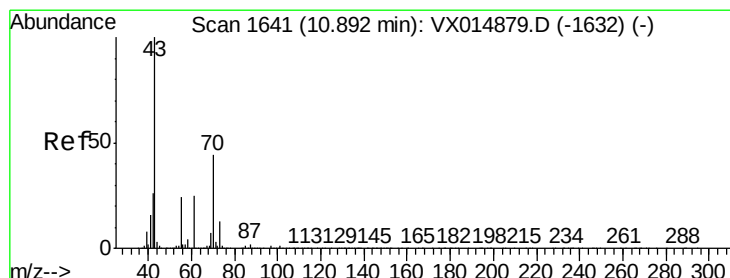
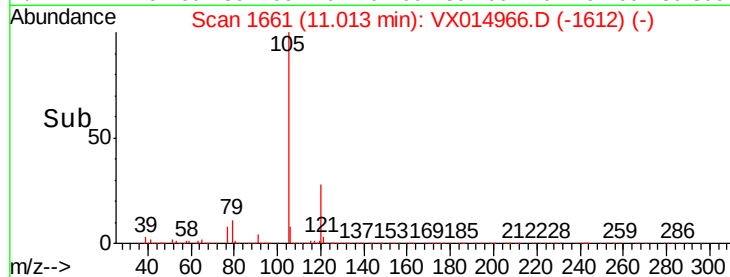
600000

400000

200000

0

Time-->



#74

N-ethyl acetate

Concen: 49.809 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX014966.D

Acq: 19 Feb 2020 16:49

Tgt Ion: 43 Resp: 447801

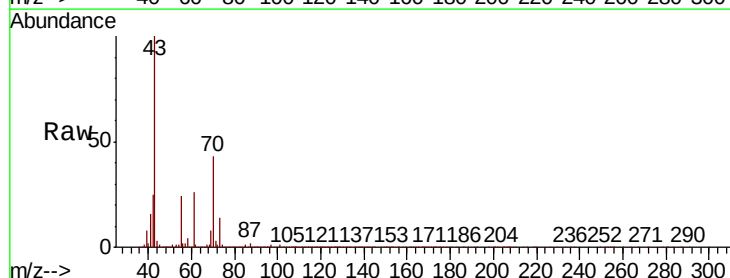
Ion Ratio Lower Upper

43 100

70 43.4 35.0 52.4

55 23.9 19.4 29.2

61 24.8 19.8 29.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

10.89

400000

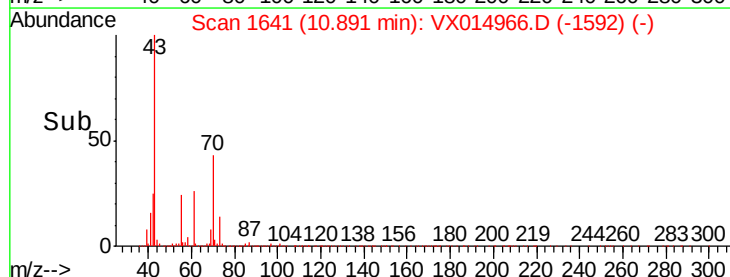
300000

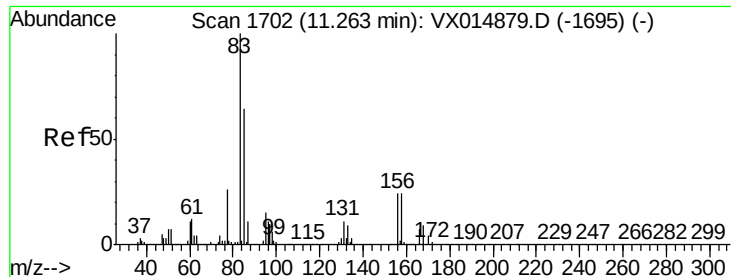
200000

100000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 46.801 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX014966.D

Acq: 19 Feb 2020 16:49

Instrument :

MSVOA_X

ClientSampleId :

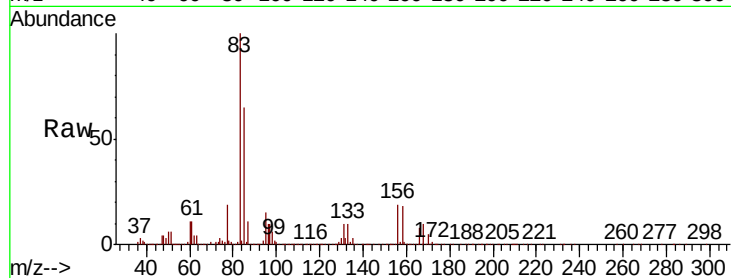
Tot Ion: 83 Resp: 331021

Ion Ratio Lower Upper

83 100

131 10.2 5.3 16.1

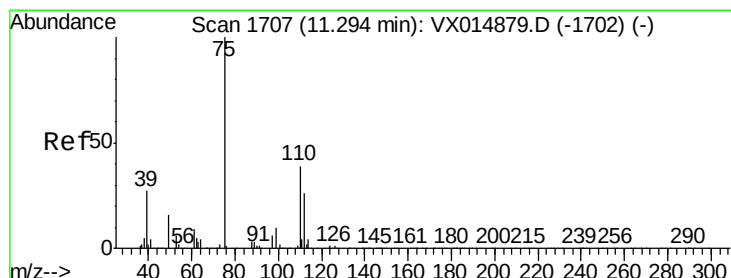
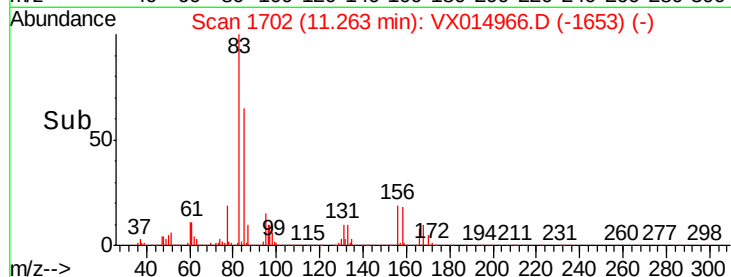
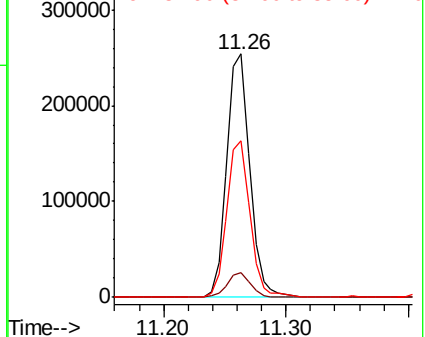
85 64.5 32.6 97.7



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: 62.342 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014966.D

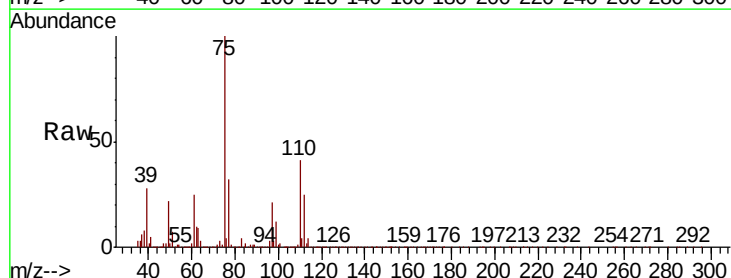
Acq: 19 Feb 2020 16:49

Tgt Ion: 75 Resp: 388966

Ion Ratio Lower Upper

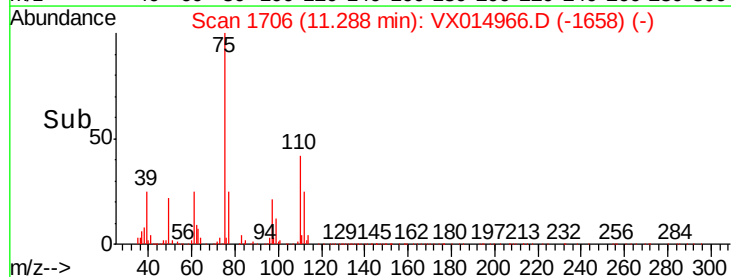
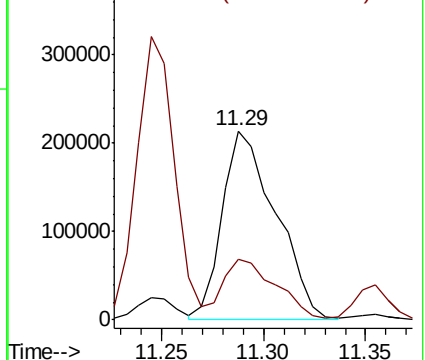
75 100

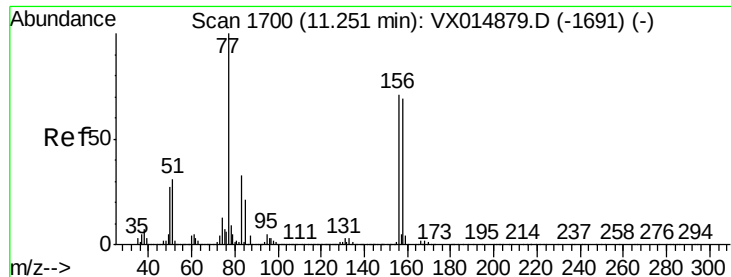
77 32.0 18.4 55.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 46.657 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014966.D

Acq: 19 Feb 2020 16:49

Instrument :

MSVOA_X

ClientSampleId :

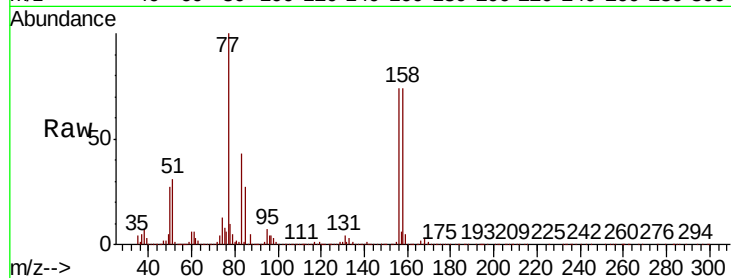
Tot Ion:156 Resp: 281768

Ion Ratio Lower Upper

156 100

77 144.9 74.0 222.0

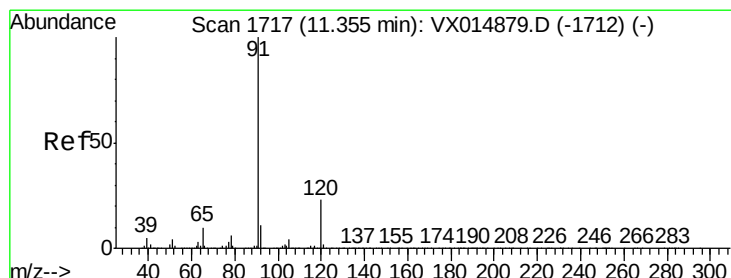
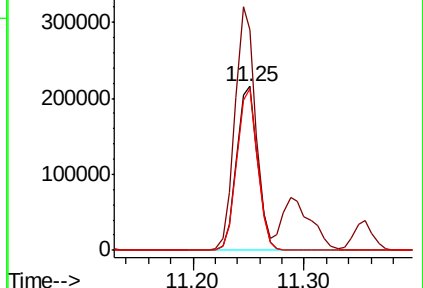
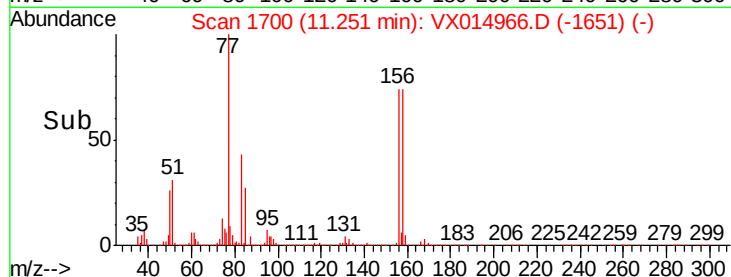
158 97.4 48.9 146.6



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: 48.081 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX014966.D

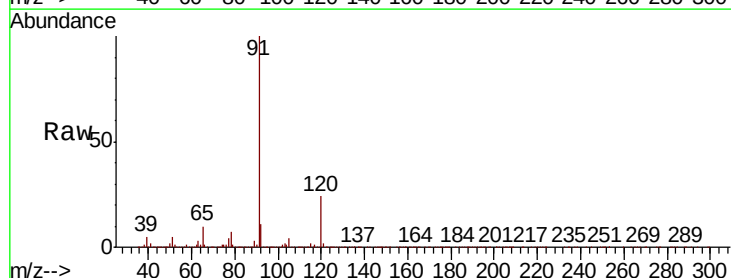
Acq: 19 Feb 2020 16:49

Tgt Ion: 91 Resp: 1203244

Ion Ratio Lower Upper

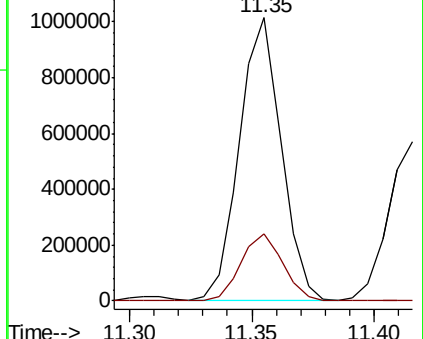
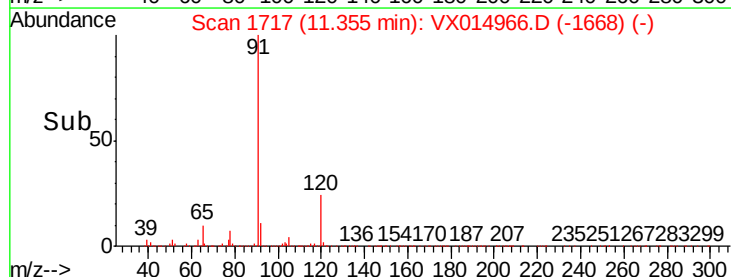
91 100

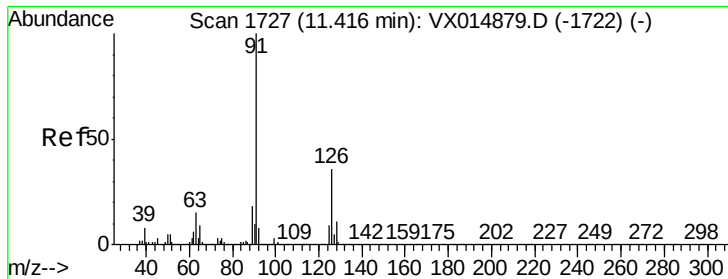
120 23.7 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

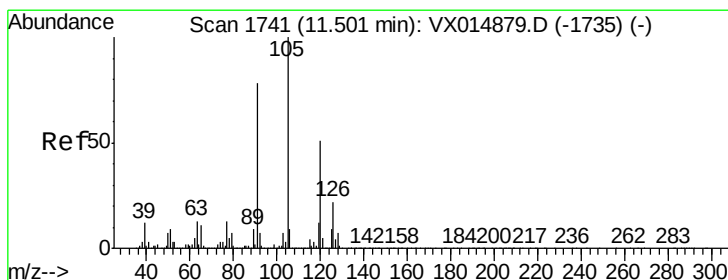
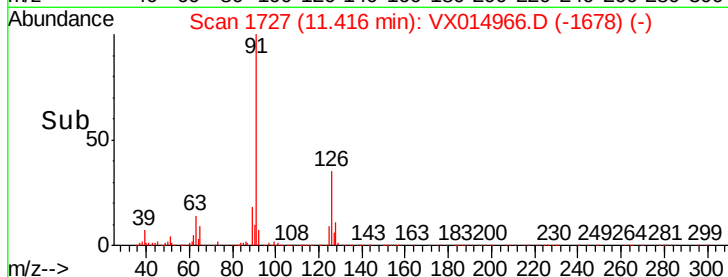
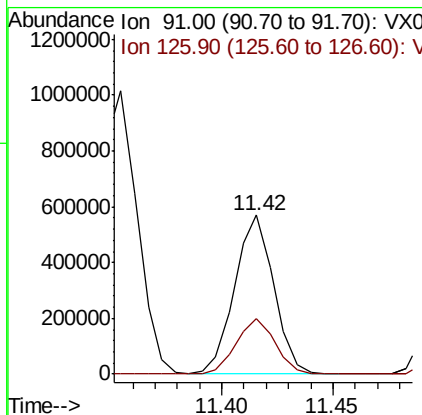
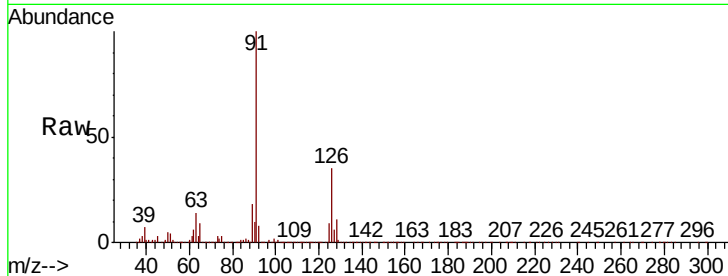




#79
2-Chlorotoluene
Concen: 47.149 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VX014966.D
Acq: 19 Feb 2020 16:49

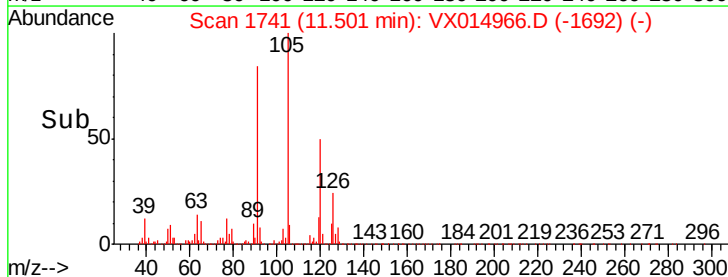
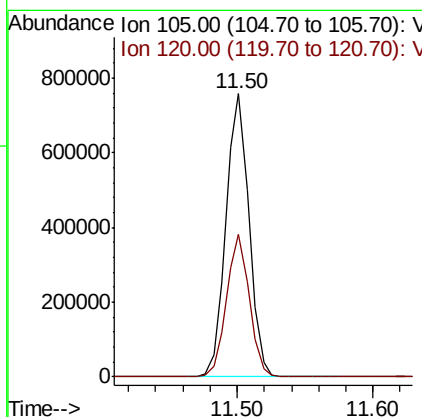
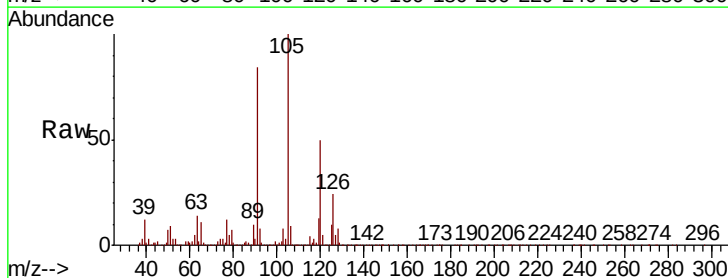
Instrument :
MSVOA_X
ClientSampled :

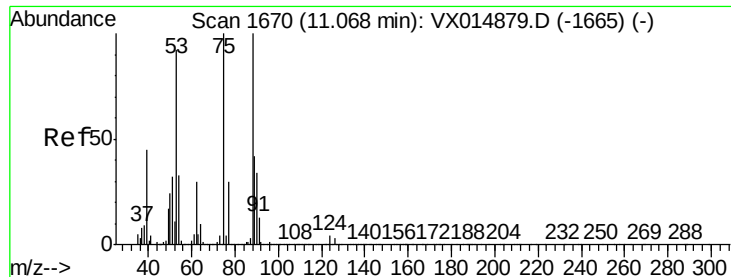
Tot Ion: 91 Resp: 693663
Ion Ratio Lower Upper
91 100
126 35.1 18.0 54.0



#80
1,3,5-Trimethylbenzene
Concen: 49.178 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX014966.D
Acq: 19 Feb 2020 16:49

Tgt Ion: 105 Resp: 889096
Ion Ratio Lower Upper
105 100
120 49.5 25.6 76.6

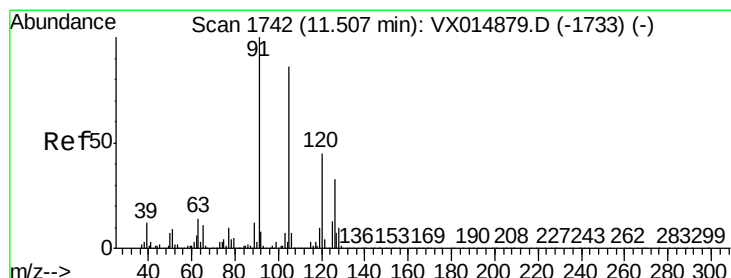
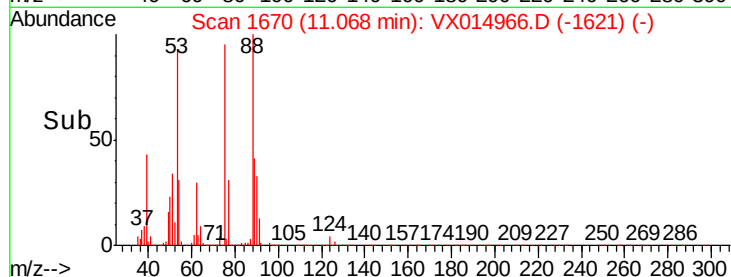
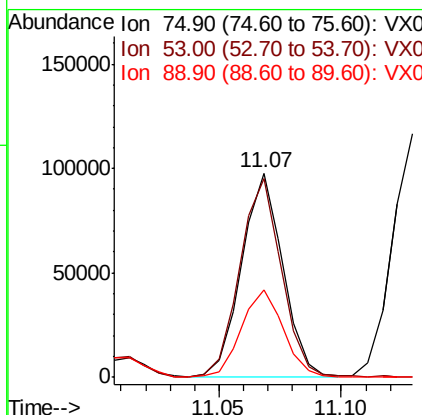
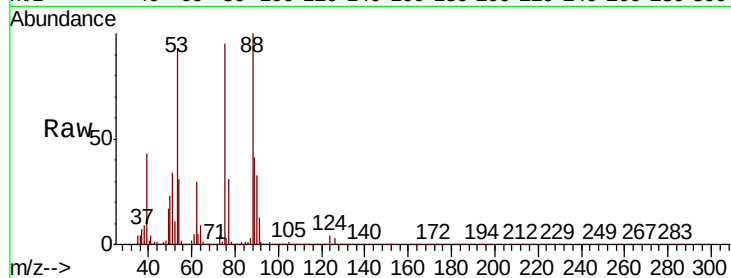




#81
trans-1,4-Dichloro-2-butene
Concen: 46.658 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX014966.D
Acq: 19 Feb 2020 16:49

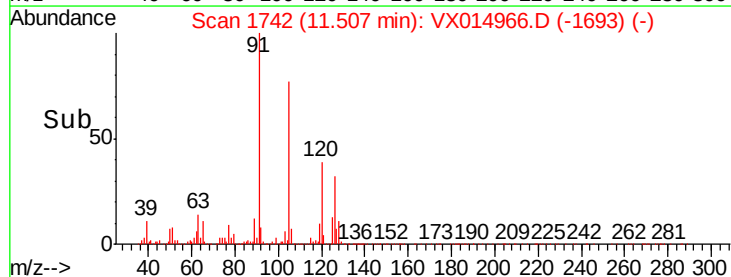
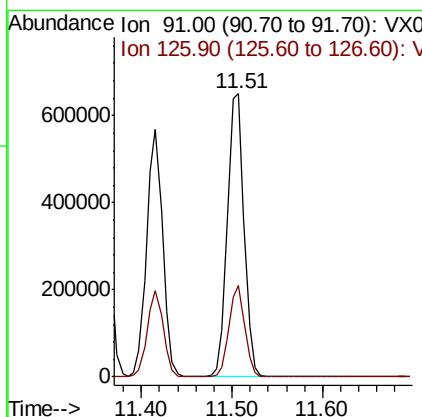
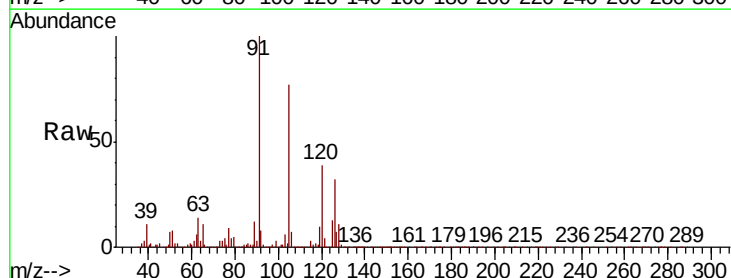
Instrument :
MSVOA_X
ClientSampleId :

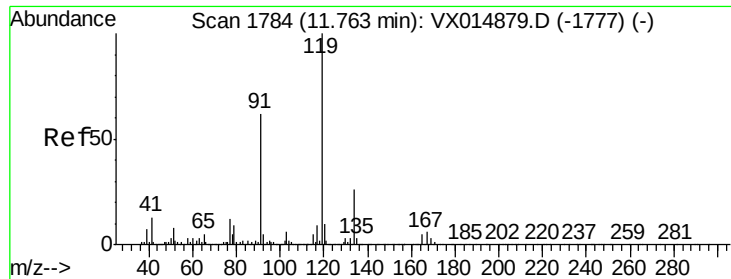
Tot Ion: 75 Resp: 113728
Ion Ratio Lower Upper
75 100
53 98.3 76.2 114.2
89 44.4 35.8 53.6



#82
4-Chlorotoluene
Concen: 47.719 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX014966.D
Acq: 19 Feb 2020 16:49

Tgt Ion: 91 Resp: 831395
Ion Ratio Lower Upper
91 100
126 30.8 15.7 47.0





#83

tert-Butylbenzene

Concen: 49.376 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX014966.D

Acq: 19 Feb 2020 16:49

Instrument :

MSVOA_X

ClientSampleId :

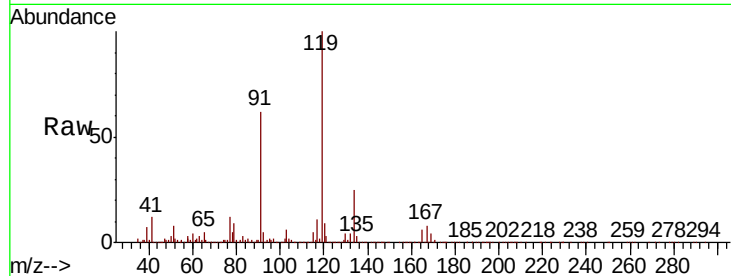
Tot Ion:119 Resp: 845318

Ion Ratio Lower Upper

119 100

91 57.2 29.5 88.6

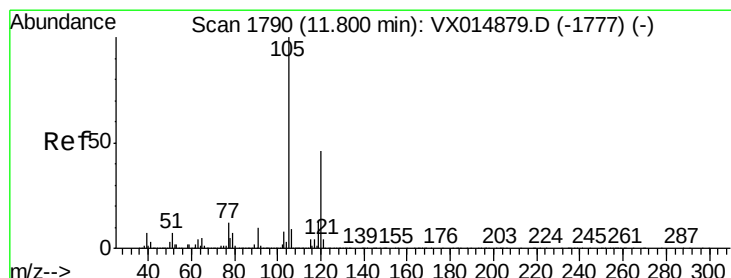
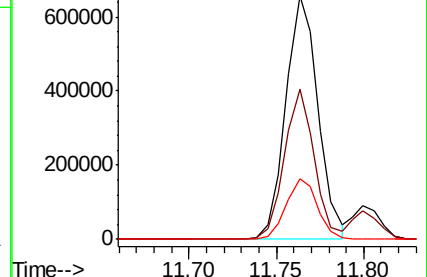
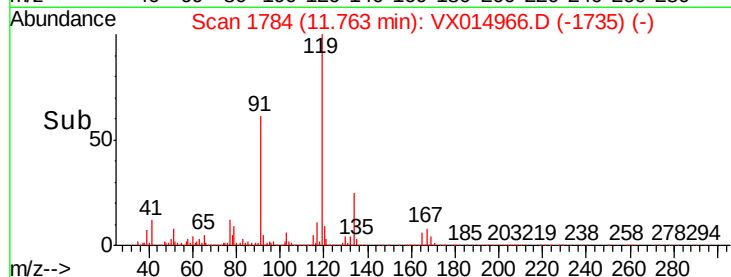
134 24.4 12.6 37.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 48.322 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX014966.D

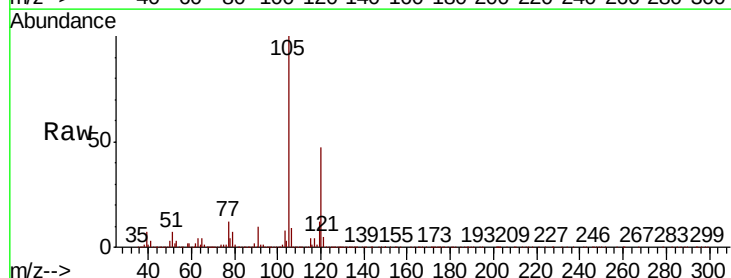
Acq: 19 Feb 2020 16:49

Tgt Ion:105 Resp: 880408

Ion Ratio Lower Upper

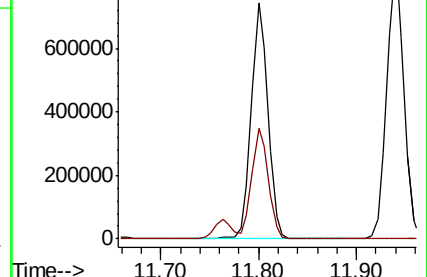
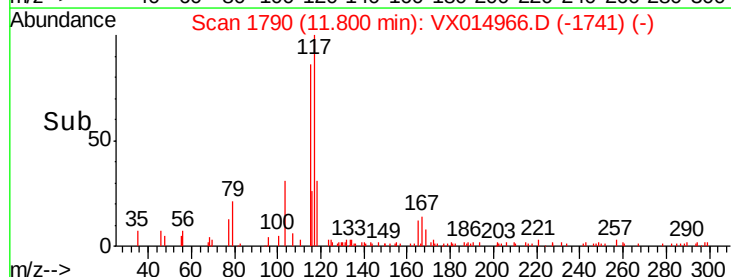
105 100

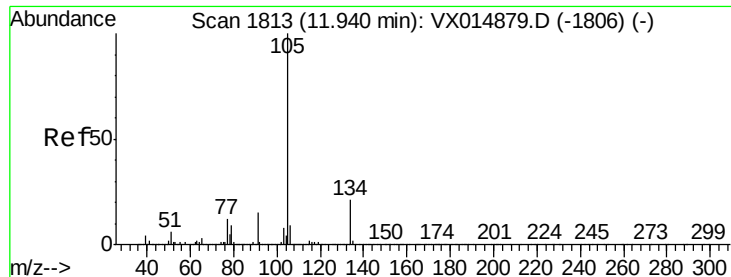
120 46.1 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 49.006 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX014966.D

Acq: 19 Feb 2020 16:49

Instrument :

MSVOA_X

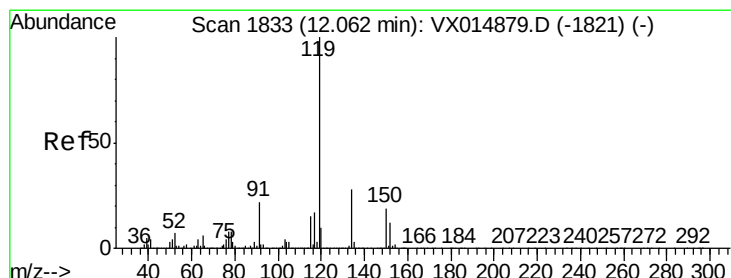
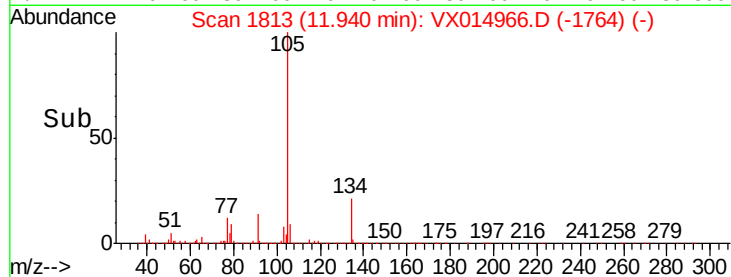
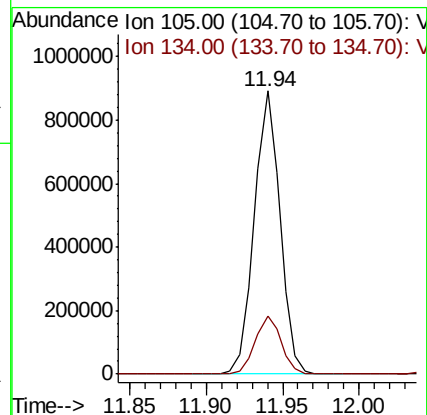
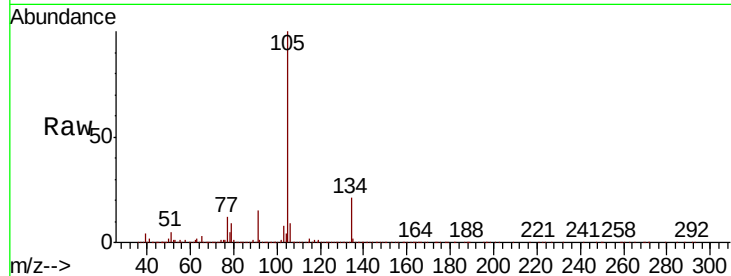
ClientSampleId :

Tot Ion:105 Resp: 1042266

Ion Ratio Lower Upper

105 100

134 20.9 10.6 31.8



#86

p-Isopropyltoluene

Concen: 48.575 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014966.D

Acq: 19 Feb 2020 16:49

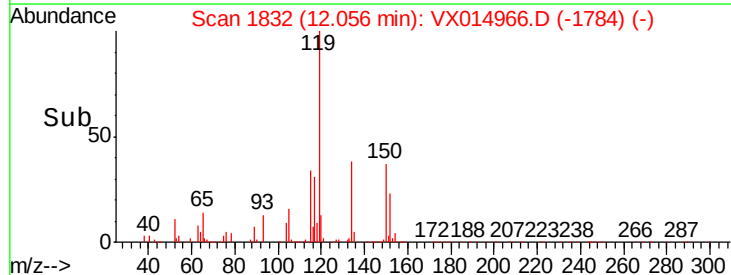
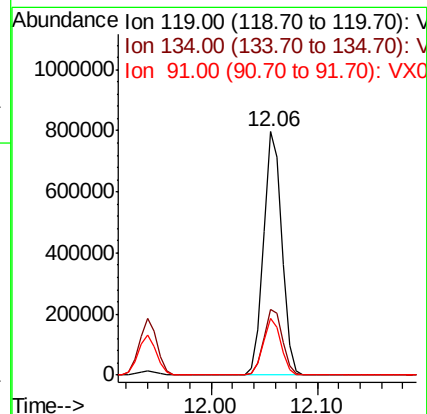
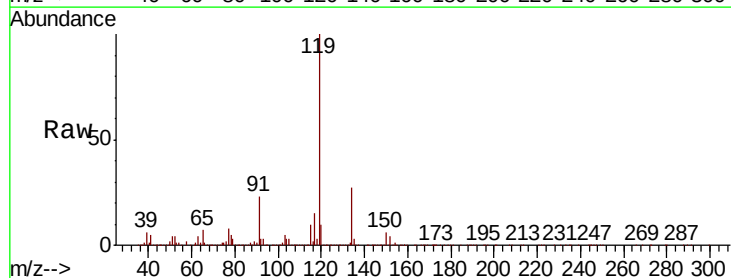
Tgt Ion:119 Resp: 966759

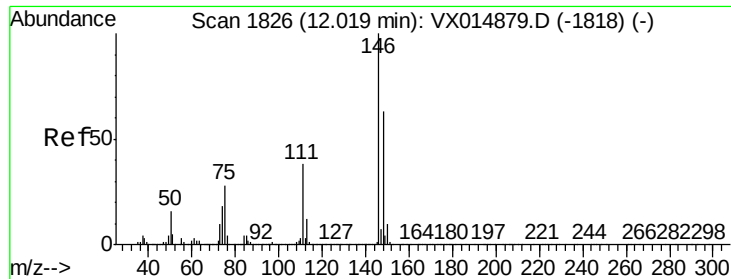
Ion Ratio Lower Upper

119 100

134 27.4 13.5 40.5

91 22.4 11.4 34.1

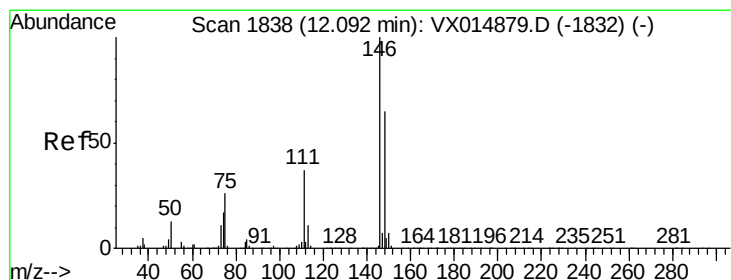
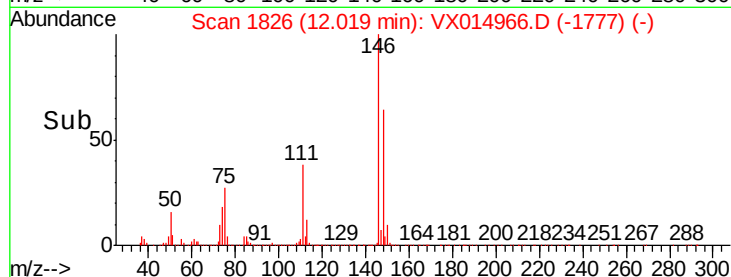
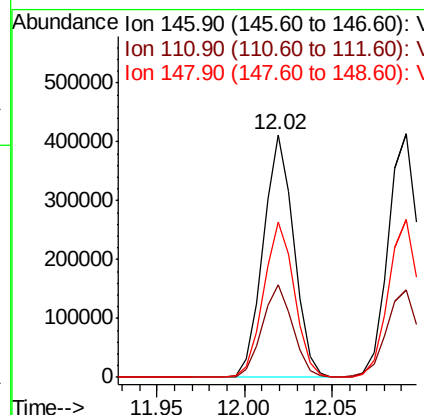
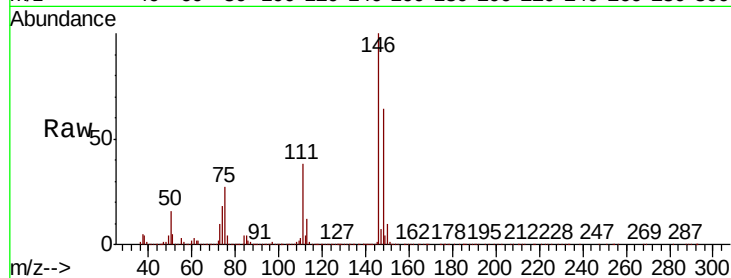




#87
 1,3-Dichlorobenzene
 Concen: 46.117 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX014966.D
 Acq: 19 Feb 2020 16:49

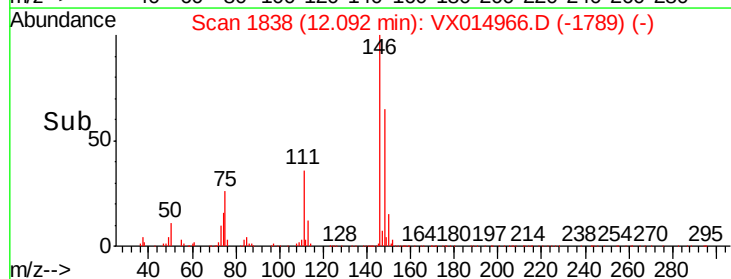
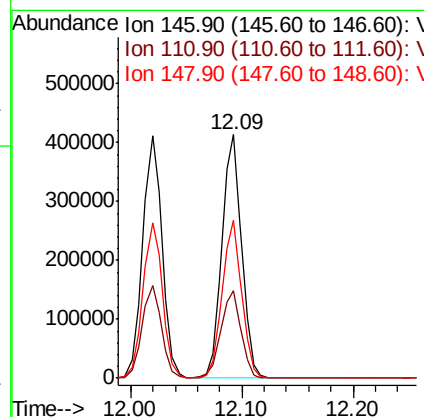
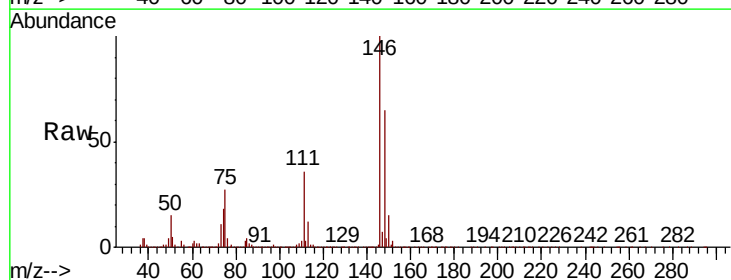
Instrument :
 MSVOA_X
 ClientSampleId :

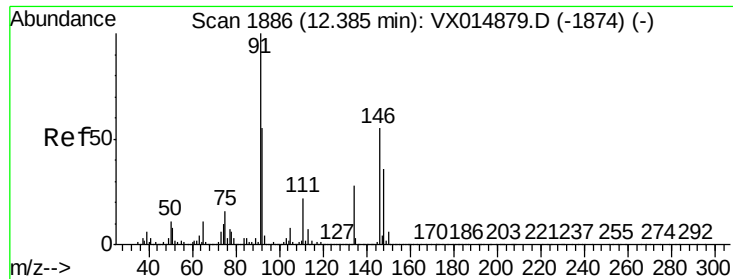
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.6	56.0
148	64.3	31.8	95.4



#88
 1,4-Dichlorobenzene
 Concen: 45.536 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX014966.D
 Acq: 19 Feb 2020 16:49

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.6	55.6
148	64.1	32.4	97.0





#89

n-Butylbenzene

Concen: 48.567 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX014966.D

Acq: 19 Feb 2020 16:49

Instrument :

MSVOA_X

ClientSampled :

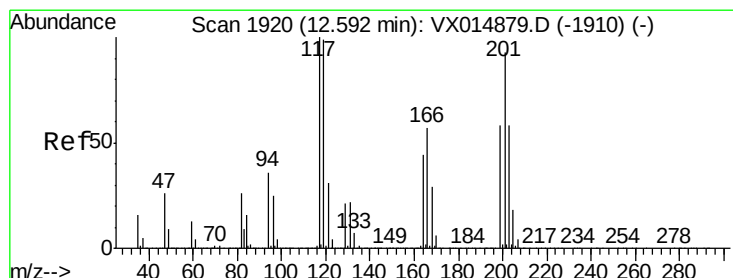
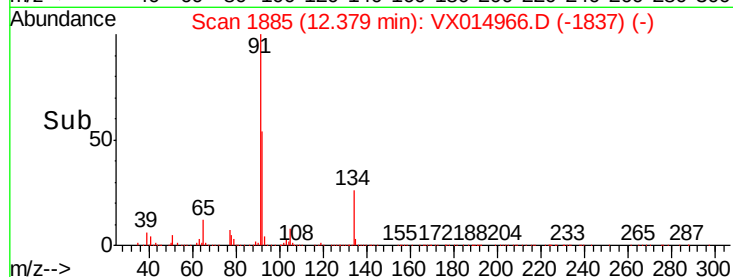
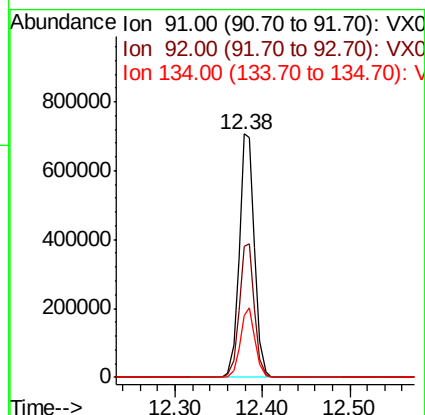
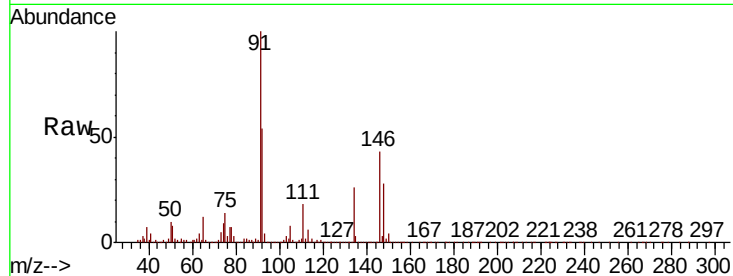
Tot Ion: 91 Resp: 865696

Ion Ratio Lower Upper

91 100

92 54.4 27.3 81.8

134 27.4 13.8 41.4



#90

Hexachloroethane

Concen: 48.792 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX014966.D

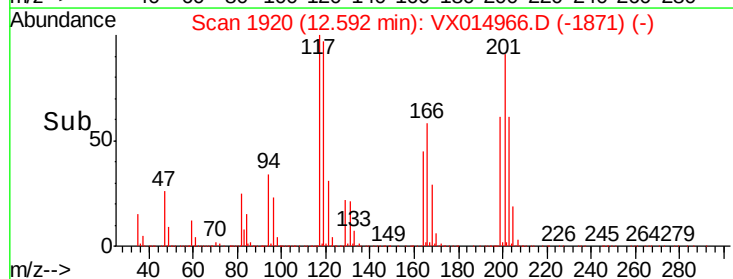
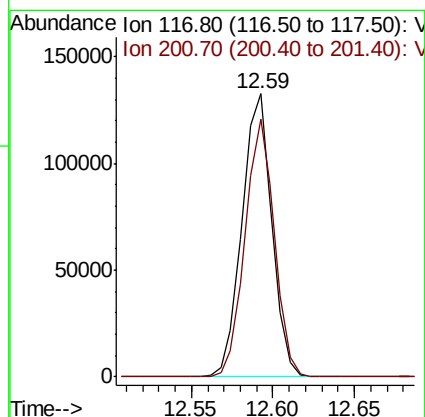
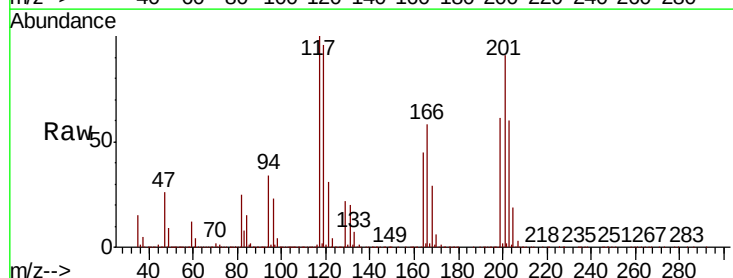
Acq: 19 Feb 2020 16:49

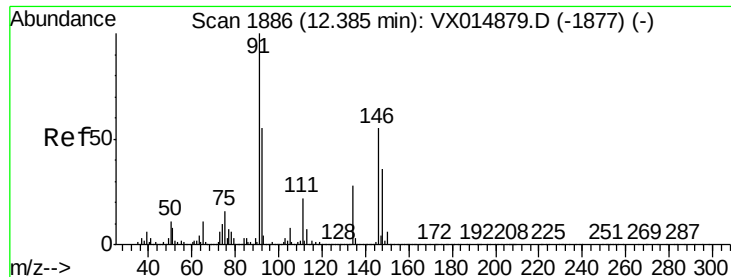
Tgt Ion: 117 Resp: 169582

Ion Ratio Lower Upper

117 100

201 89.2 44.8 134.3

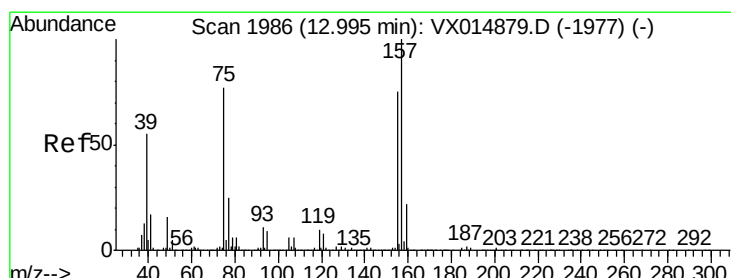
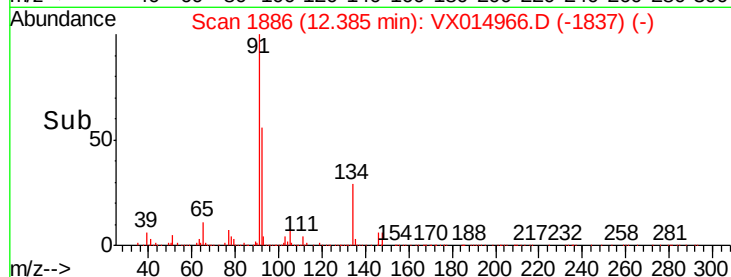
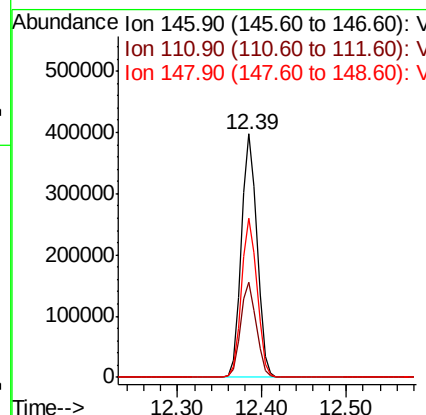
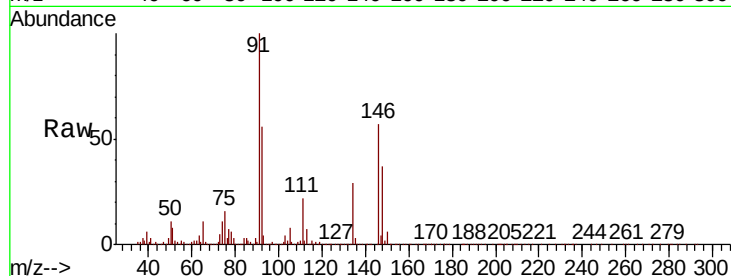




#91
 1,2-Dichlorobenzene
 Concen: 46.612 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX014966.D
 Acq: 19 Feb 2020 16:49

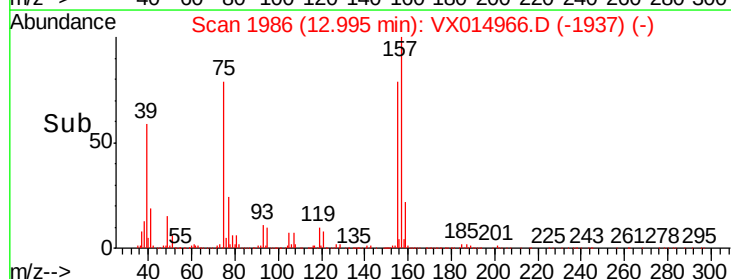
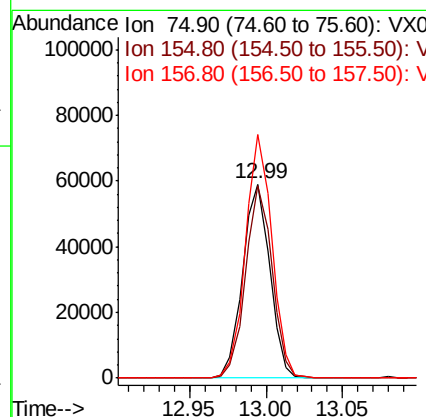
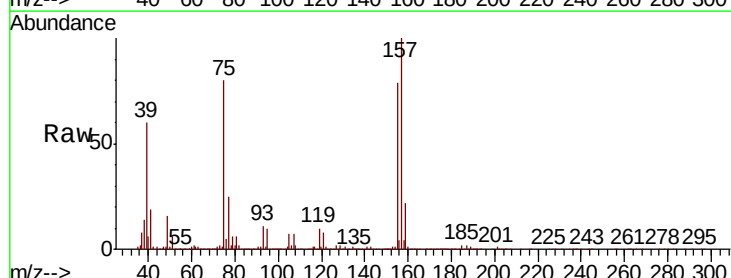
Instrument :
 MSVOA_X
 ClientSampleId :

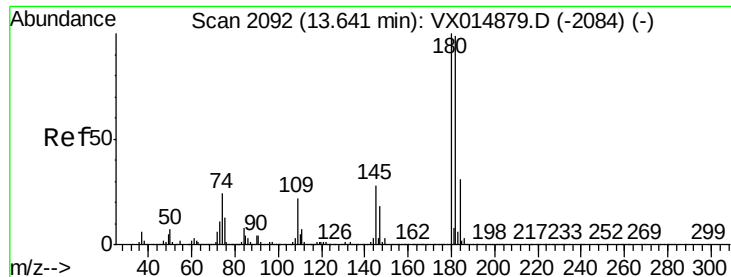
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.8	59.3
148	64.9	32.4	97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.683 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX014966.D
 Acq: 19 Feb 2020 16:49

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.6	48.6	145.9
157	122.6	62.0	186.0

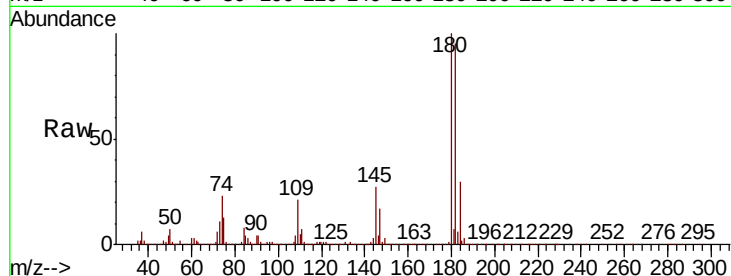




#93
 1,2,4-Trichlorobenzene
 Concen: 46.912 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX014966.D
 Acq: 19 Feb 2020 16:49

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	48.4	145.3
145	27.7	14.1	42.4

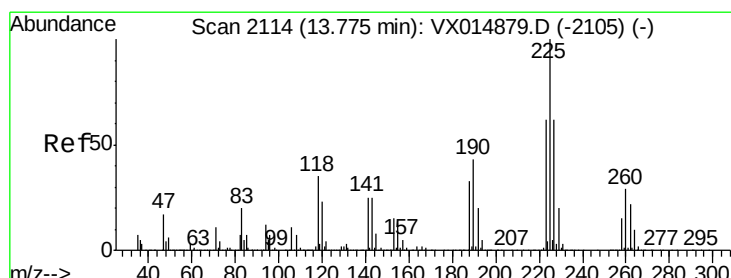
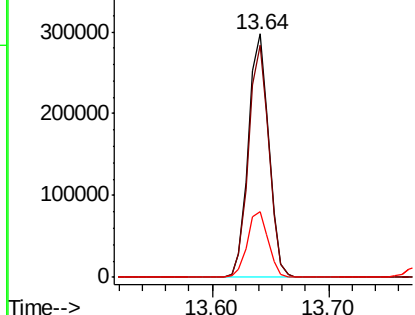
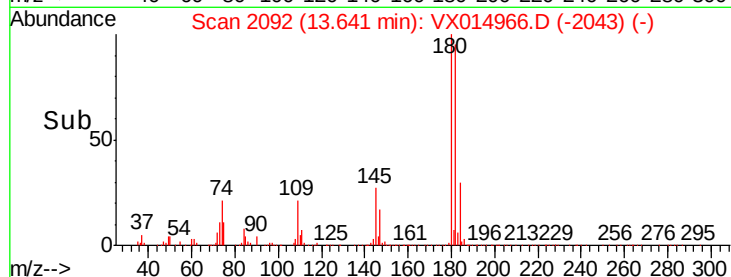


Abundance

Ion 179.80 (179.50 to 180.50): V

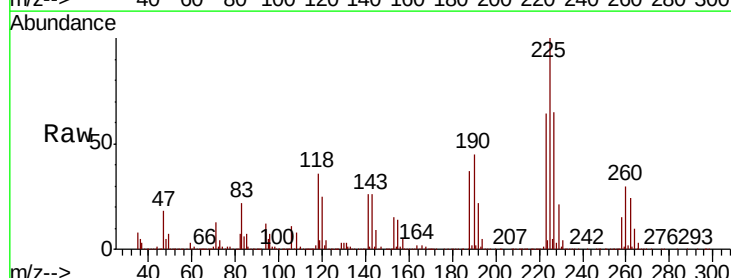
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 47.179 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX014966.D
 Acq: 19 Feb 2020 16:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	31.1	93.2
227	65.0	30.9	92.5

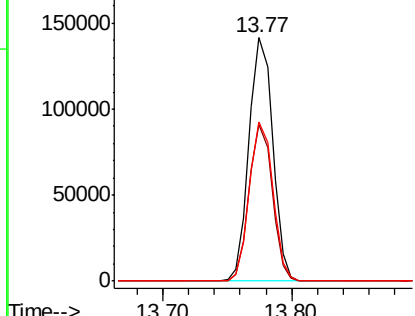
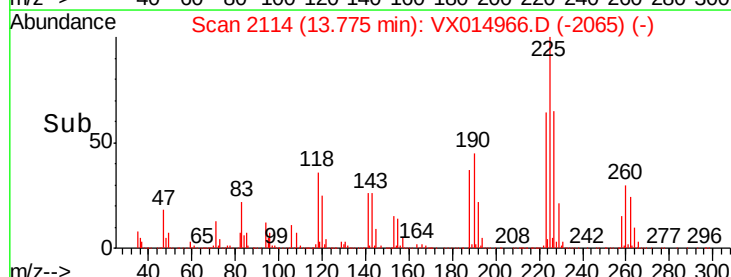


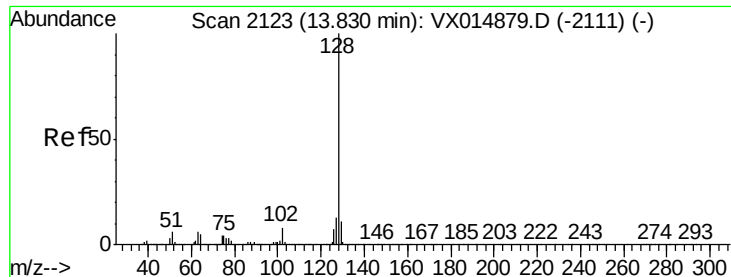
Abundance

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

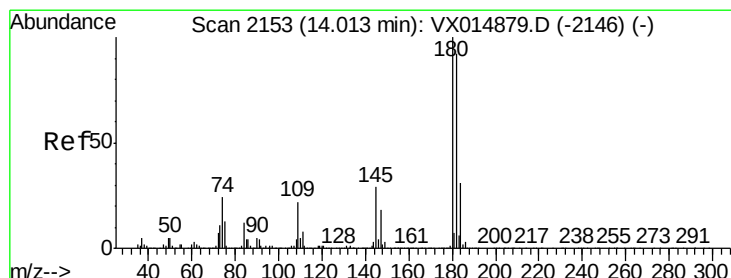
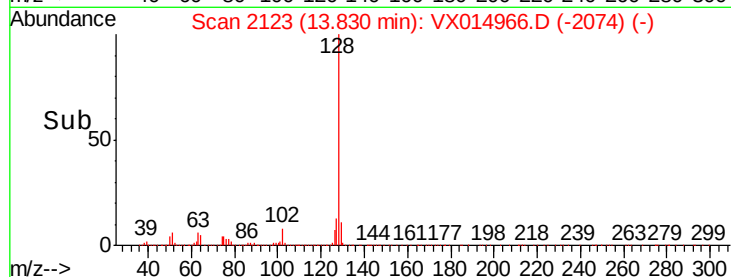
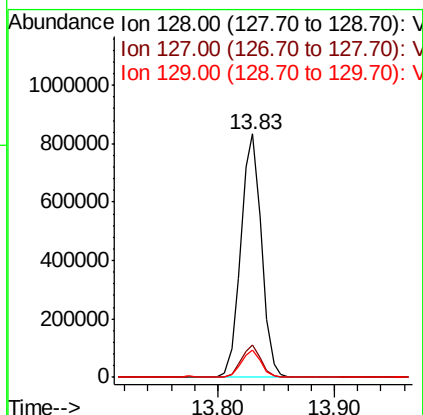
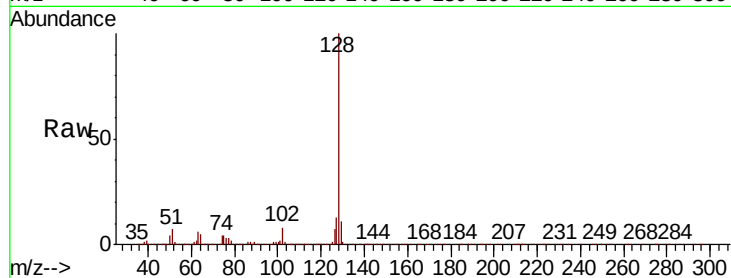




#95
Naphthalene
Concen: 49.349 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX014966.D
Acq: 19 Feb 2020 16:49

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 1028974
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.7 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 47.583 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX014966.D
Acq: 19 Feb 2020 16:49

Tgt Ion:180 Resp: 360517
Ion Ratio Lower Upper
180 100
182 94.0 47.5 142.6
145 29.0 14.5 43.5

