

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012020\
 Data File : VX014671.D
 Acq On : 20 Jan 2020 16:43
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 21 00:32:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	445160	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.84	114	664088	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	602312	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	310759	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	254948	51.30	ug/l	0.00
Spiked Amount						
			Recovery	=	102.60%	
35) Dibromofluoromethane	5.48	113	208555	51.88	ug/l	0.00
Spiked Amount						
			Recovery	=	103.76%	
50) Toluene-d8	8.71	98	800854	51.34	ug/l	0.00
Spiked Amount						
			Recovery	=	102.68%	
62) 4-Bromofluorobenzene	11.13	95	287029	50.12	ug/l	0.00
Spiked Amount						
			Recovery	=	100.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	265016	47.961	ug/l	99
3) Chloromethane	1.32	50	271515	47.849	ug/l	99
4) Vinyl Chloride	1.40	62	318719	50.406	ug/l	97
5) Bromomethane	1.63	94	197497	47.120	ug/l	96
6) Chloroethane	1.72	64	174295	50.601	ug/l	97
7) Trichlorofluoromethane	1.92	101	349785	48.766	ug/l	99
8) Diethyl Ether	2.18	74	154627	47.253	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	222614	51.014	ug/l	97
10) Methyl Iodide	2.50	142	282405	54.046	ug/l	100
11) Tert butyl alcohol	3.03	59	229426	221.107	ug/l	99
12) 1,1-Dichloroethene	2.36	96	216960	49.347	ug/l	97
13) Acrolein	2.28	56	212219	255.169	ug/l	99
14) Allyl chloride	2.72	41	383001	49.618	ug/l	98
15) Acrylonitrile	3.12	53	626682	250.239	ug/l	99
16) Acetone	2.43	43	520772	208.305	ug/l	97
17) Carbon Disulfide	2.56	76	539153	43.949	ug/l	100
18) Methyl Acetate	2.76	43	382900	53.609	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	715725	50.711	ug/l	100
20) Methylene Chloride	2.84	84	247009	49.409	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	224521	46.776	ug/l	98
22) Diisopropyl ether	3.84	45	790527	52.994	ug/l	100
23) Vinyl Acetate	3.80	43	3100188	268.432	ug/l	99
24) 1,1-Dichloroethane	3.69	63	418967	51.629	ug/l	99
25) 2-Butanone	4.65	43	855220	230.388	ug/l	98
26) 2,2-Dichloropropane	4.57	77	337401	49.082	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	262406	48.904	ug/l	98
28) Bromochloromethane	5.00	49	168566	49.297	ug/l	93
29) Tetrahydrofuran	5.11	42	556367	253.501	ug/l	98
30) Chloroform	5.19	83	409661	51.661	ug/l	99
31) Cyclohexane	5.56	56	378682	49.855	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	345025	50.831	ug/l	98
36) 1,1-Dichloropropene	5.78	75	313707	50.232	ug/l	98
37) Ethyl Acetate	4.81	43	335677	49.484	ug/l	99
38) Carbon Tetrachloride	5.77	117	300809	52.342	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012020\
 Data File : VX014671.D
 Acq On : 20 Jan 2020 16:43
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 21 00:32:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	393751	50.185	ug/l	98
40) Benzene	6.13	78	945360	51.003	ug/l	99
41) Methacrylonitrile	5.02	41	194158	53.672	ug/l	97
42) 1,2-Dichloroethane	6.17	62	333004	51.383	ug/l	99
43) Isopropyl Acetate	6.43	43	564114	51.478	ug/l	99
44) Trichloroethene	7.20	130	259987	48.808	ug/l	96
45) 1,2-Dichloropropane	7.50	63	249651	52.829	ug/l	97
46) Dibromomethane	7.65	93	158672	48.107	ug/l	98
47) Bromodichloromethane	7.89	83	324379	54.049	ug/l	99
48) Methyl methacrylate	7.76	41	282074	53.744	ug/l	99
49) 1,4-Dioxane	7.73	88	99945	898.713	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	1741251	260.757	ug/l	99
52) Toluene	8.78	92	594718	50.122	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	359599	51.466	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	400777	53.098	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	240947	50.557	ug/l	98
56) Ethyl methacrylate	9.17	69	384295	52.632	ug/l	99
57) 1,3-Dichloropropane	9.36	76	406761	51.046	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	635525	255.825	ug/l	98
59) 2-Hexanone	9.48	43	1300107	246.062	ug/l	99
60) Dibromochloromethane	9.57	129	256784	53.606	ug/l	100
61) 1,2-Dibromoethane	9.67	107	251400	49.798	ug/l	100
64) Tetrachloroethene	9.33	164	270967	44.888	ug/l	99
65) Chlorobenzene	10.13	112	642641	49.165	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	241125	51.691	ug/l	99
67) Ethyl Benzene	10.25	91	1141856	51.252	ug/l	99
68) m/p-Xylenes	10.35	106	868527	101.049	ug/l	97
69) o-Xylene	10.69	106	419851	51.196	ug/l	99
70) Styrene	10.71	104	729710	51.560	ug/l	99
71) Bromoform	10.85	173	200065	52.420	ug/l #	100
73) Isopropylbenzene	11.01	105	1126124	51.605	ug/l	100
74) N-amyl acetate	10.89	43	490381	50.935	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	360120	51.459	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	431043	67.040	ug/l	81
77) Bromobenzene	11.25	156	289767	47.882	ug/l	99
78) n-propylbenzene	11.35	91	1304998	52.218	ug/l	99
79) 2-Chlorotoluene	11.42	91	751977	50.486	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	944412	52.127	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	126010	51.814	ug/l	98
82) 4-Chlorotoluene	11.51	91	886354	50.696	ug/l	98
83) tert-Butylbenzene	11.76	119	898342	52.478	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	957419	52.298	ug/l	99
85) sec-Butylbenzene	11.94	105	1115563	52.421	ug/l	99
86) p-Isopropyltoluene	12.06	119	1023756	51.842	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	521069	47.977	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	520187	50.994	ug/l	99
89) n-Butylbenzene	12.39	91	918232	50.855	ug/l	99
90) Hexachloroethane	12.59	117	182852	52.714	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	520152	48.883	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	76266	48.448	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012020\
Data File : VX014671.D
Acq On : 20 Jan 2020 16:43
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jan 21 00:32:50 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 07 15:54:41 2020
Response via : Initial Calibration

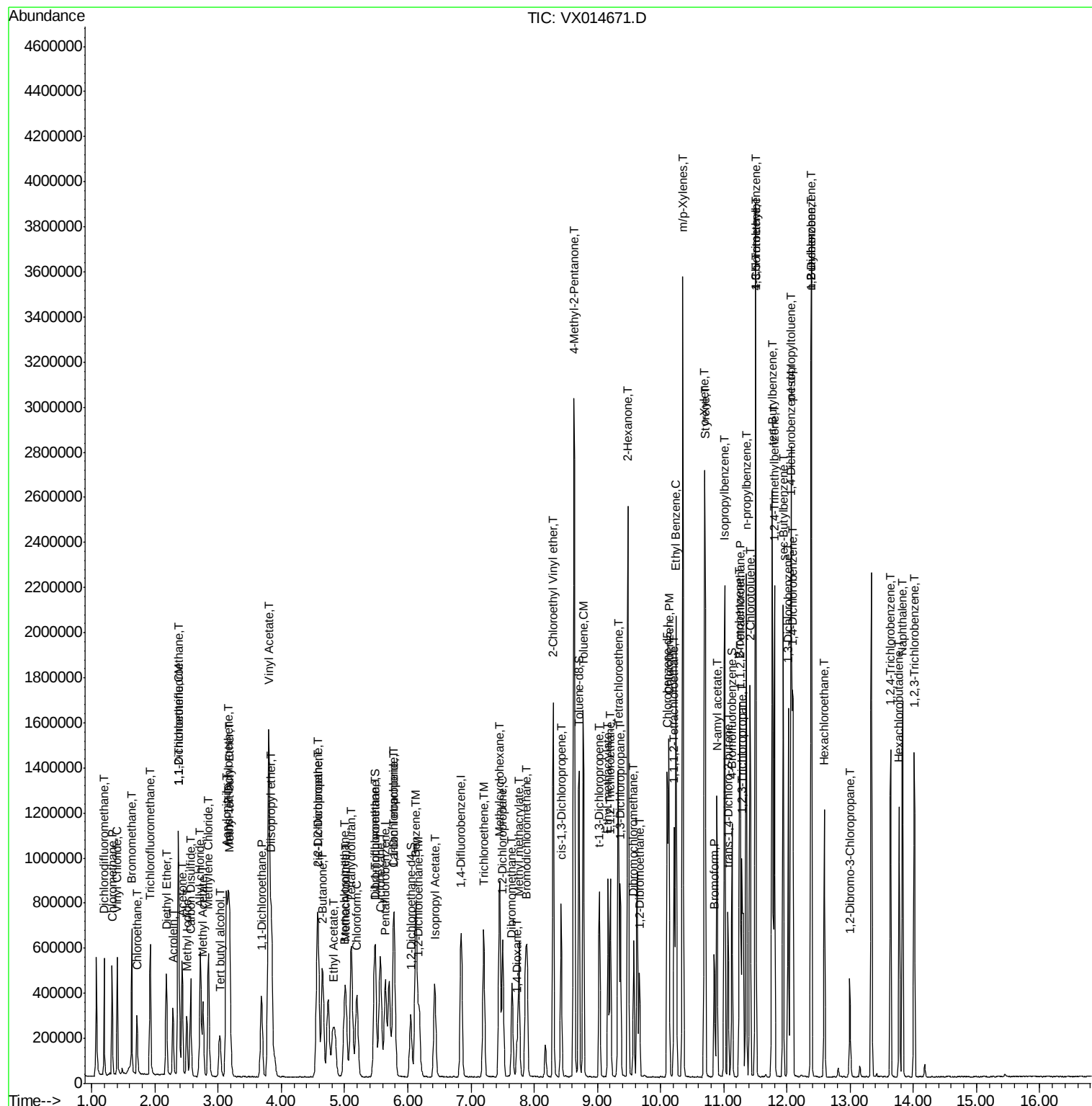
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	365051	48.879	ug/l	100
94) Hexachlorobutadiene	13.77	225	178838	51.128	ug/l	98
95) Naphthalene	13.83	128	1049776	45.288	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	360593	49.194	ug/l	99

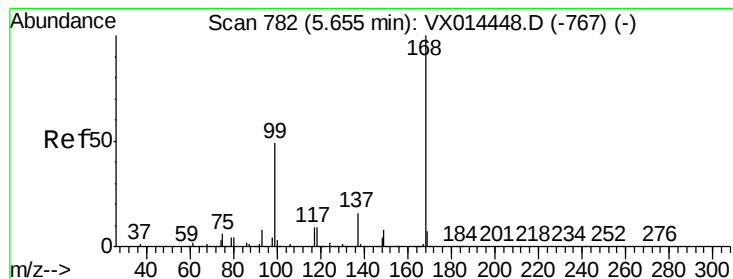
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX012020\
Data File : VX014671.D
Acq On : 20 Jan 2020 16:43
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jan 21 00:32:50 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 07 15:54:41 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.01 min

Lab File: VX014671.D

Acq: 20 Jan 2020 16:43

Instrument :

MSVOA_X

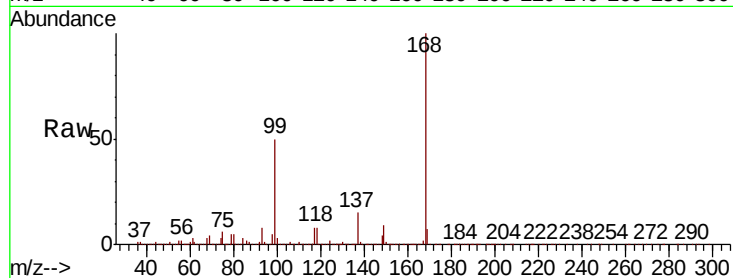
ClientSampleId :

Tot Ion:168 Resp: 445160

Ion Ratio Lower Upper

168 100

99 49.6 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

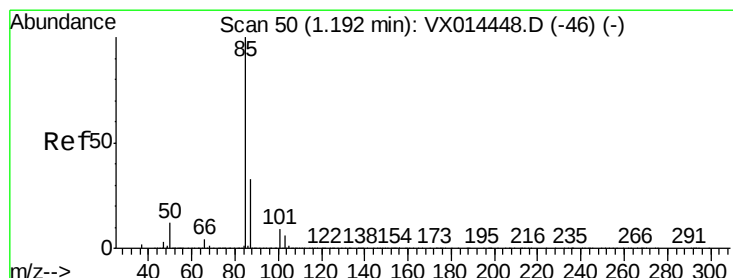
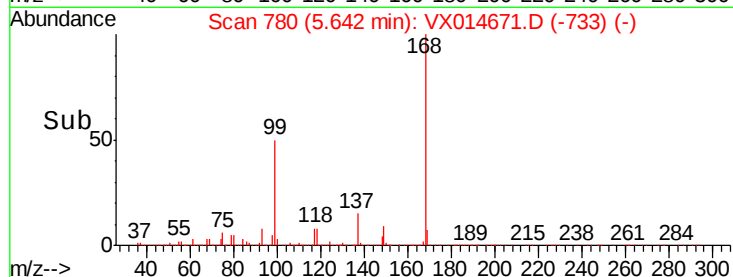
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 47.961 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014671.D

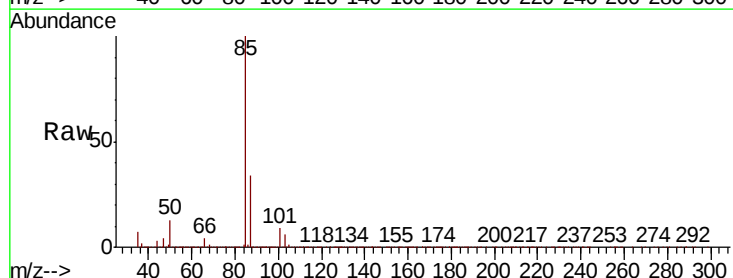
Acq: 20 Jan 2020 16:43

Tgt Ion: 85 Resp: 265016

Ion Ratio Lower Upper

85 100

87 33.6 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

300000

250000

200000

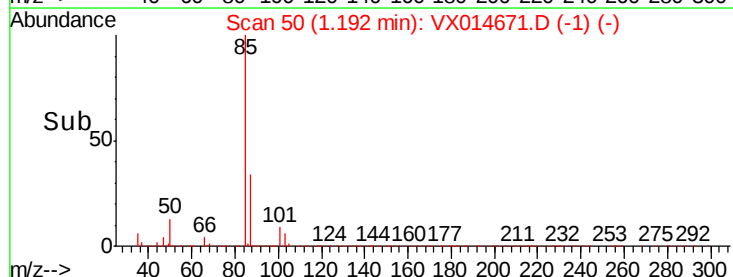
150000

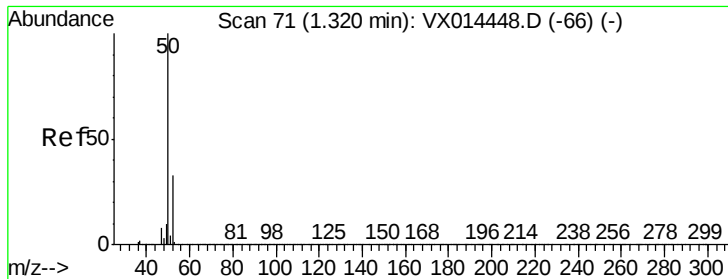
100000

50000

0

Time-->





#3

Chloromethane

Concen: 47.849 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX014671.D

Acq: 20 Jan 2020 16:43

Instrument :

MSVOA_X

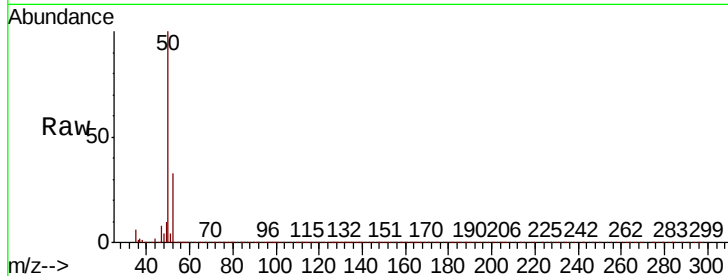
ClientSampleId :

Tot Ion: 50 Resp: 271515

Ion Ratio Lower Upper

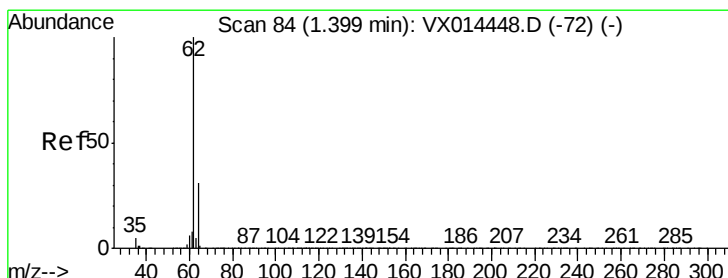
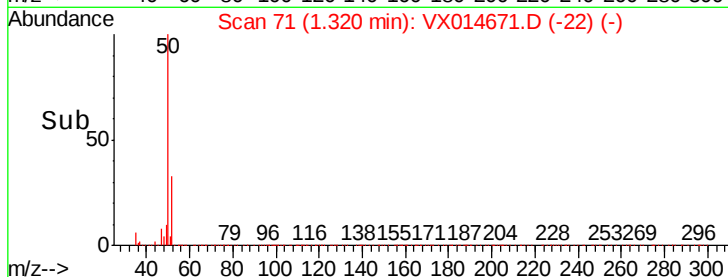
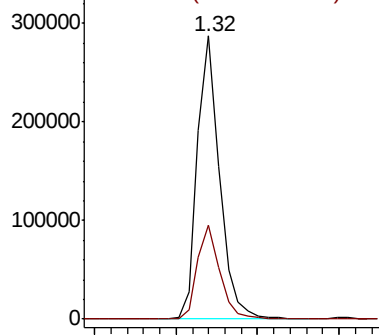
50 100

52 33.0 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 50.406 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX014671.D

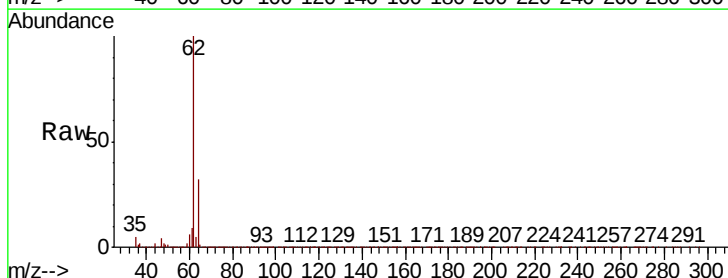
Acq: 20 Jan 2020 16:43

Tgt Ion: 62 Resp: 318719

Ion Ratio Lower Upper

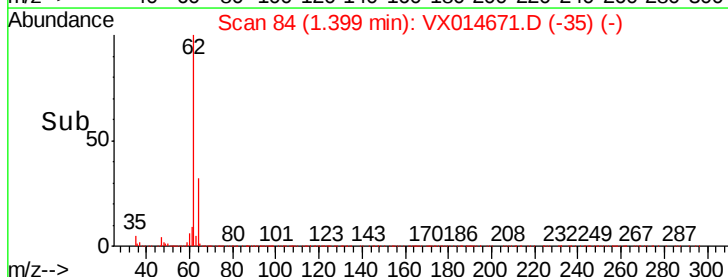
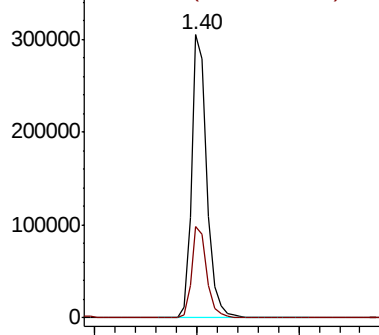
62 100

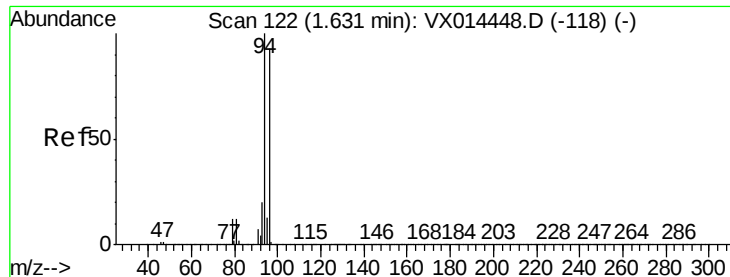
64 32.4 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 47.120 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX014671.D

Acq: 20 Jan 2020 16:43

Instrument :

MSVOA_X

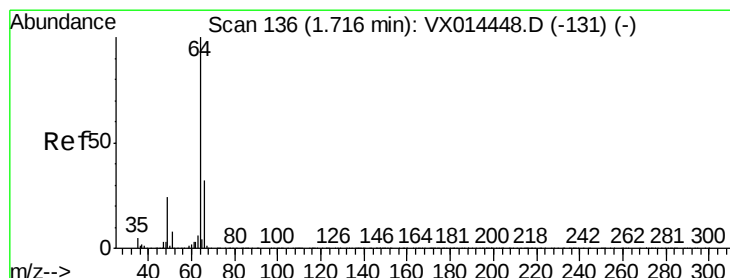
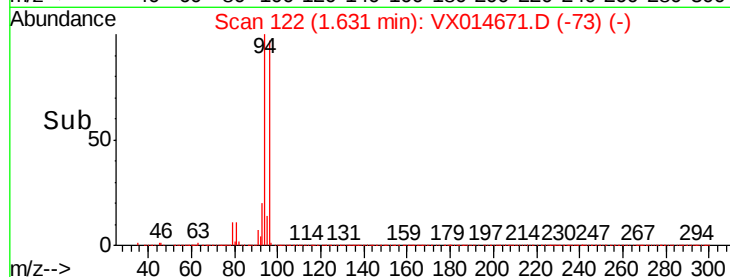
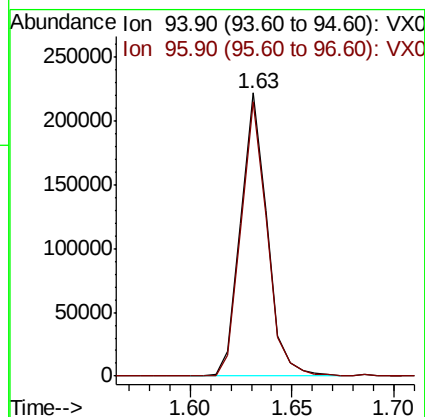
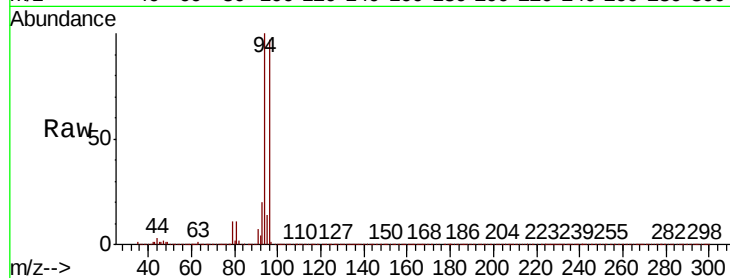
ClientSampleId :

Tot Ion: 94 Resp: 197497

Ion Ratio Lower Upper

94 100

96 96.7 74.2 111.2



#6

Chloroethane

Concen: 50.601 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014671.D

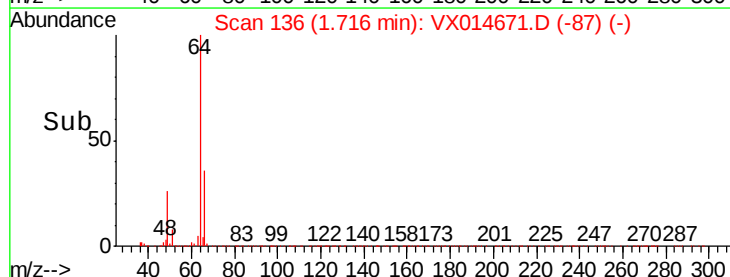
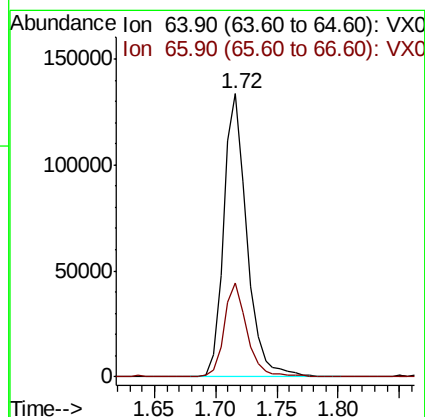
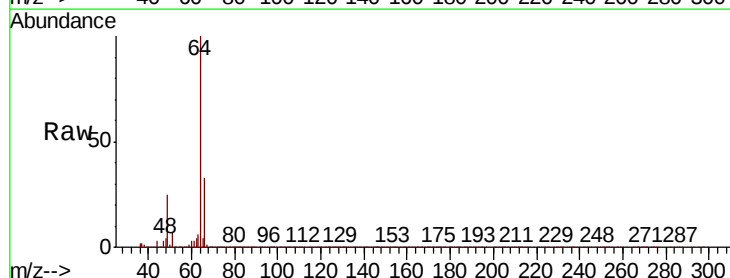
Acq: 20 Jan 2020 16:43

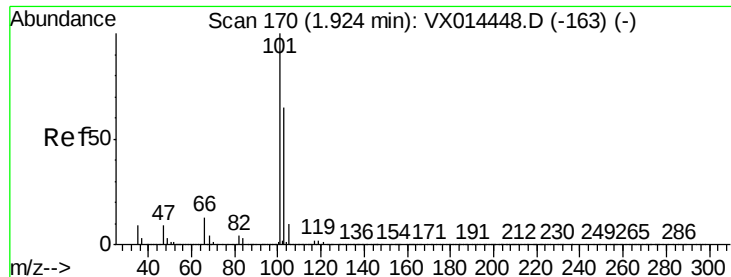
Tgt Ion: 64 Resp: 174295

Ion Ratio Lower Upper

64 100

66 33.2 25.3 37.9



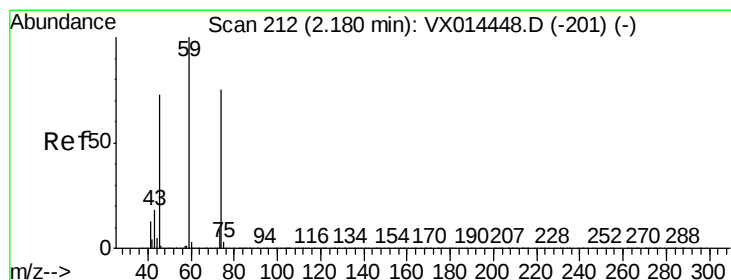
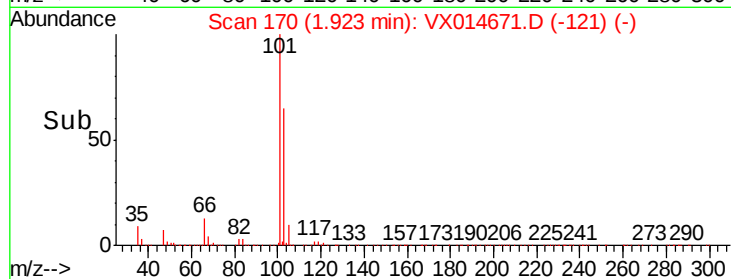
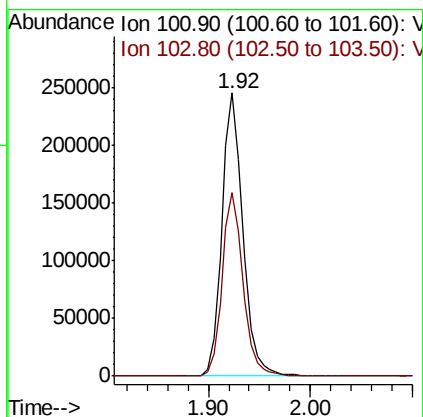
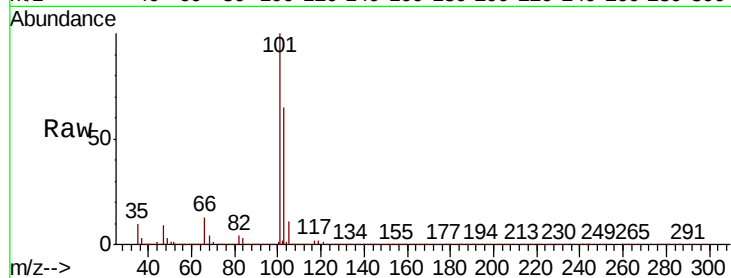


#7

Trichlorofluoromethane
Concen: 48.766 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX014671.D
Acq: 20 Jan 2020 16:43

Instrument :
MSVOA_X
ClientSampled :

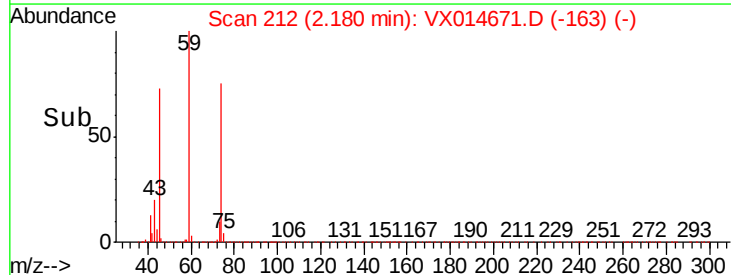
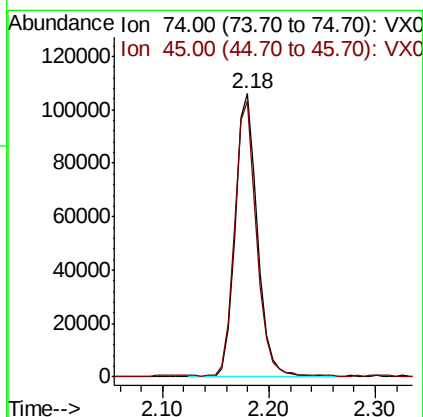
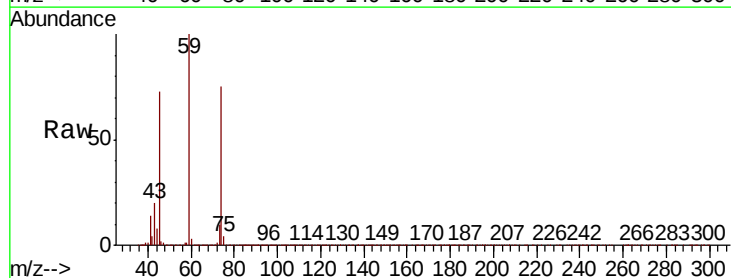
Tot Ion:101 Resp: 349785
Ion Ratio Lower Upper
101 100
103 64.8 52.2 78.4

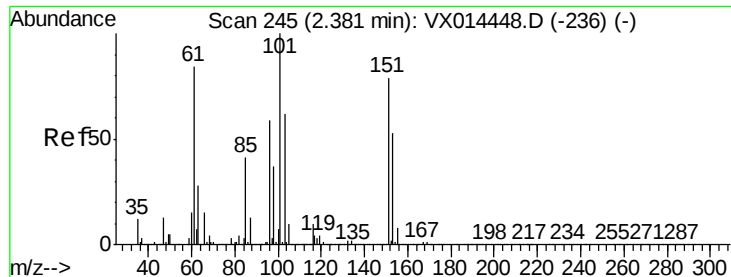


#8

Diethyl Ether
Concen: 47.253 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX014671.D
Acq: 20 Jan 2020 16:43

Tgt Ion: 74 Resp: 154627
Ion Ratio Lower Upper
74 100
45 96.0 48.7 146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.014 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX014671.D

Acq: 20 Jan 2020 16:43

Instrument :

MSVOA_X

ClientSampleId :

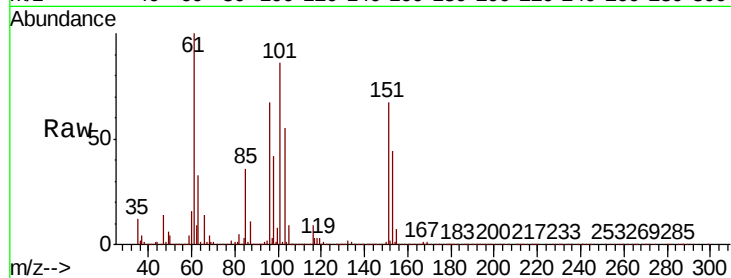
Tot Ion:101 Resp: 222614

Ion Ratio Lower Upper

101 100

85 41.4 33.8 50.8

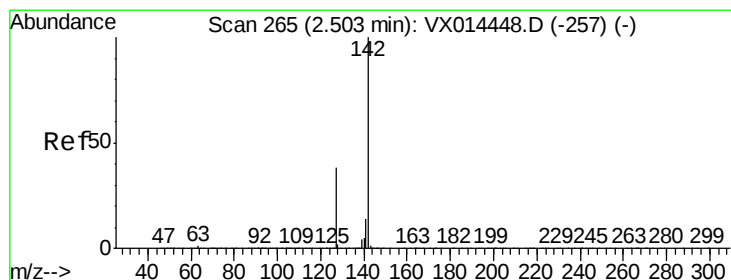
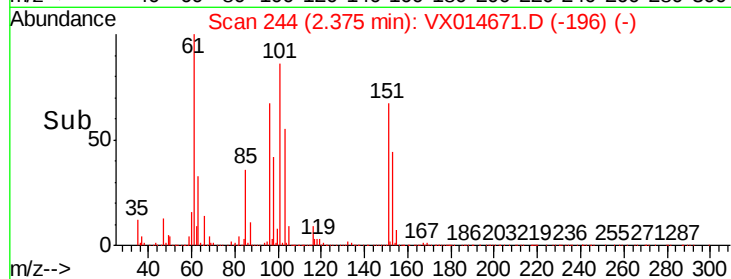
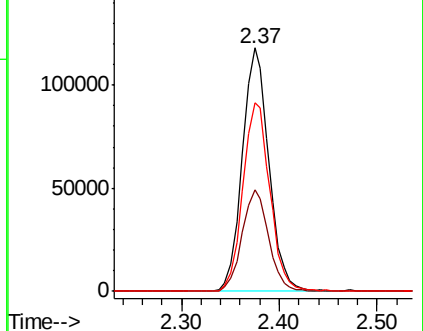
151 78.5 65.3 97.9



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: 54.046 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX014671.D

Acq: 20 Jan 2020 16:43

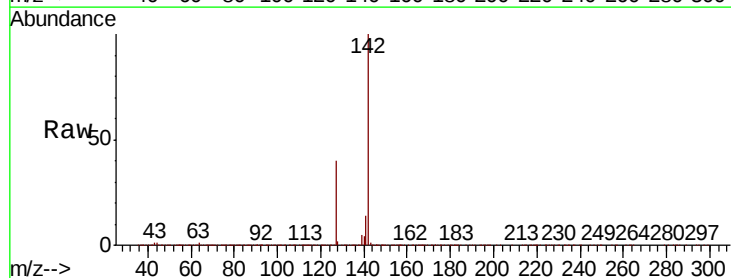
Tgt Ion:142 Resp: 282405

Ion Ratio Lower Upper

142 100

127 39.3 31.2 46.8

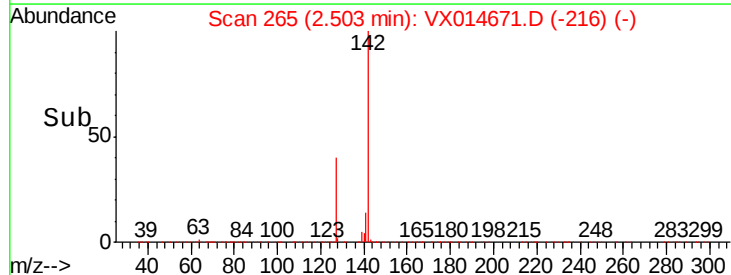
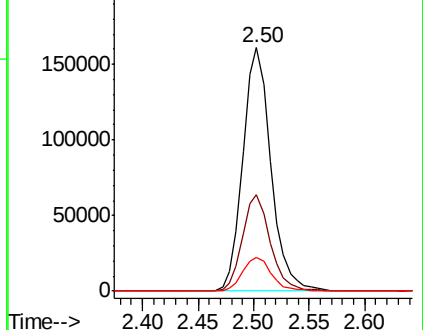
141 14.4 11.4 17.2

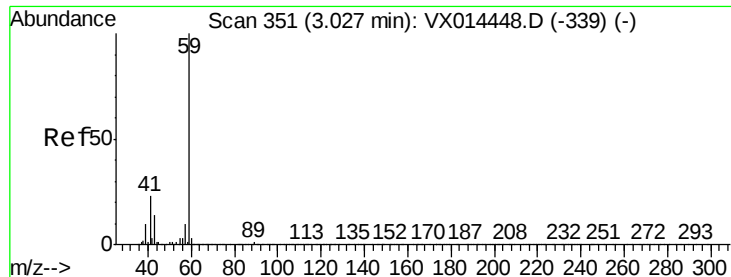


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



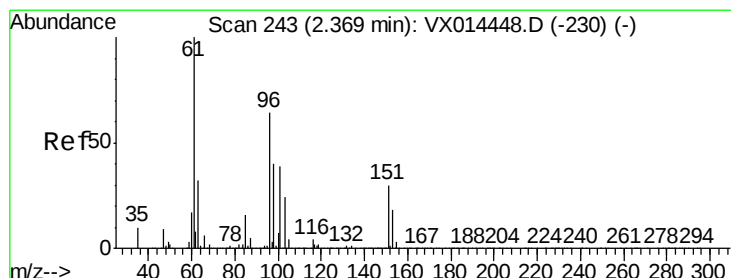
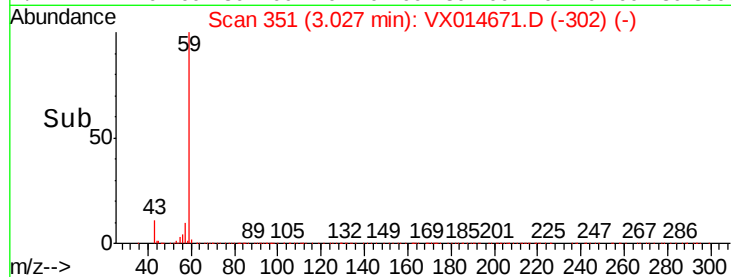
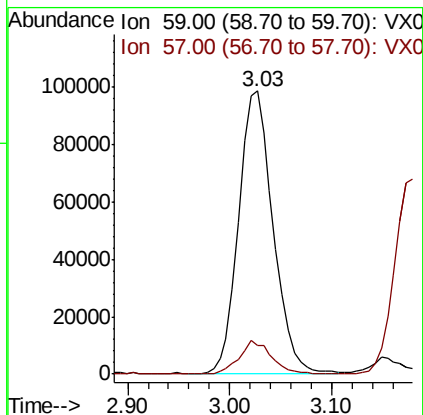
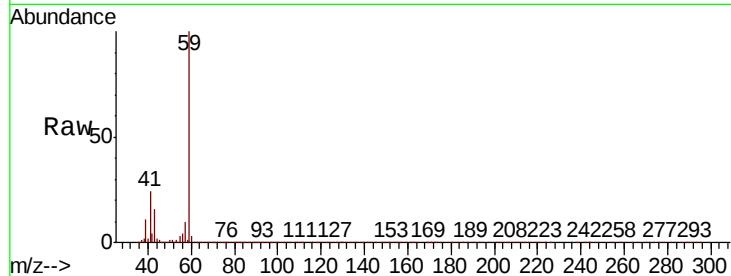


#11

Tert butyl alcohol
 Concen: 221.107 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VX014671.D
 Acq: 20 Jan 2020 16:43

Instrument :
 MSVOA_X
 ClientSampled :

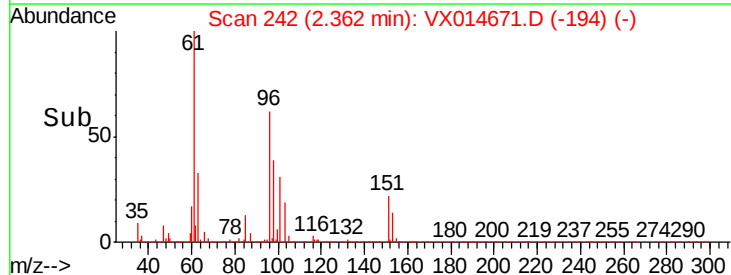
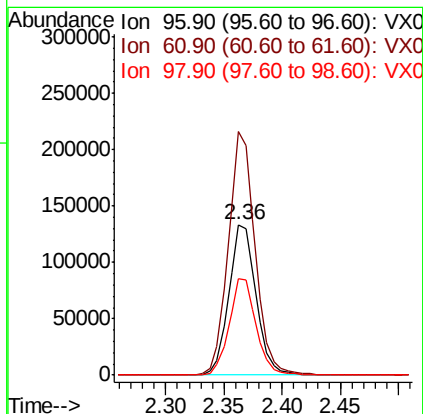
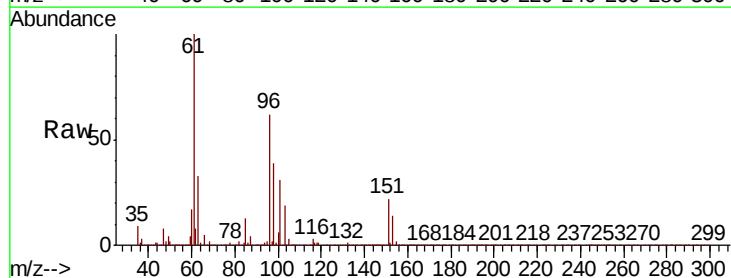
Tot Ion: 59 Resp: 229426
 Ion Ratio Lower Upper
 59 100
 57 10.9 8.5 12.7

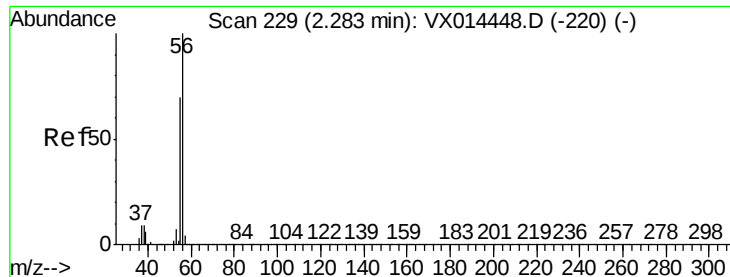


#12

1,1-Dichloroethene
 Concen: 49.347 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. -0.01 min
 Lab File: VX014671.D
 Acq: 20 Jan 2020 16:43

Tgt Ion: 96 Resp: 216960
 Ion Ratio Lower Upper
 96 100
 61 161.5 125.0 187.6
 98 63.5 50.2 75.2

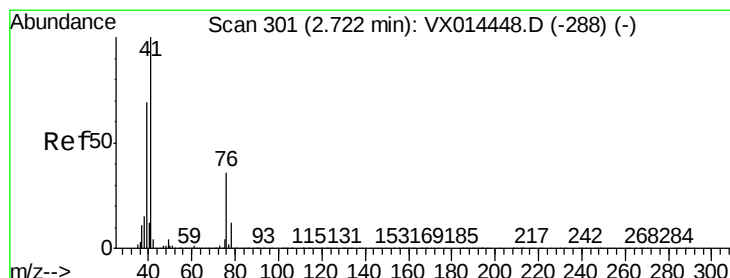
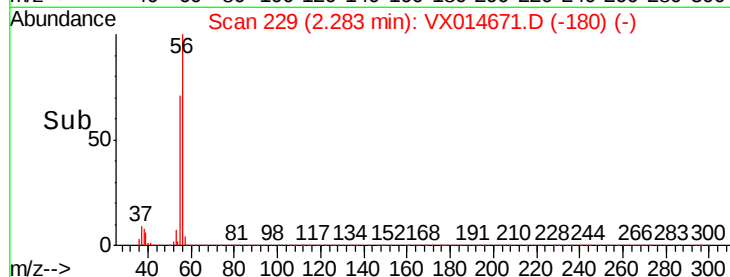
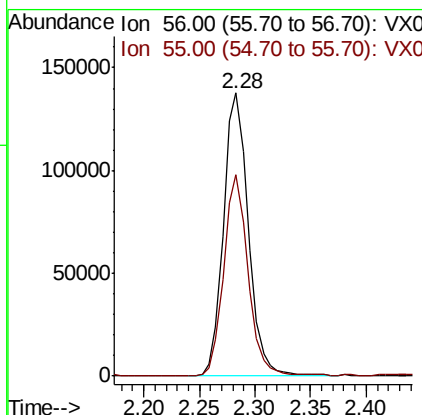
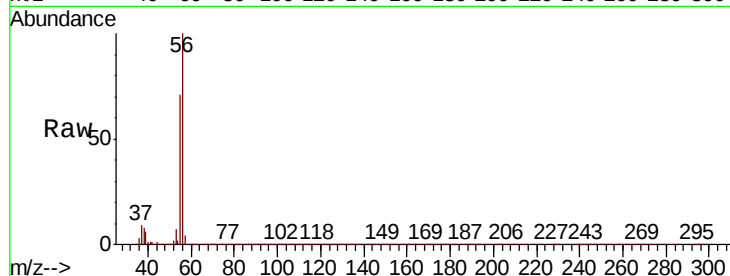




#13
Acrolein
Concen: 255.169 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX014671.D
Acq: 20 Jan 2020 16:43

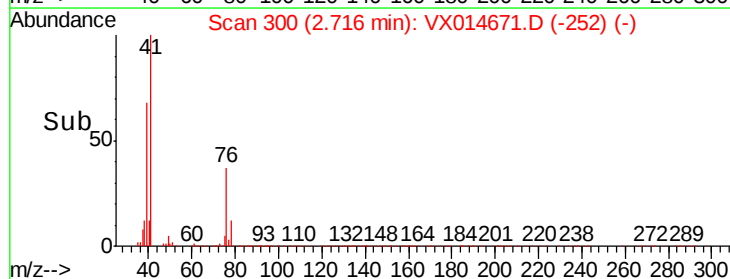
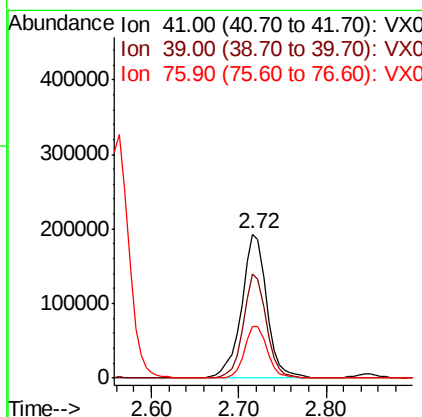
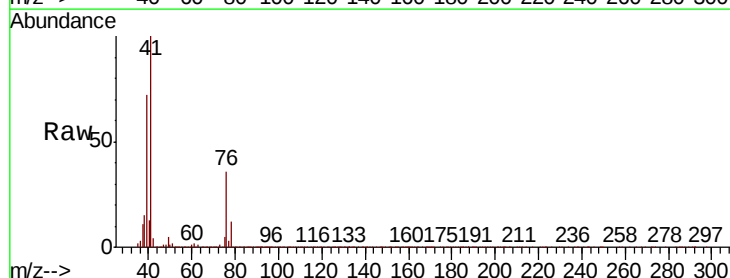
Instrument :
MSVOA_X
ClientSampleId :

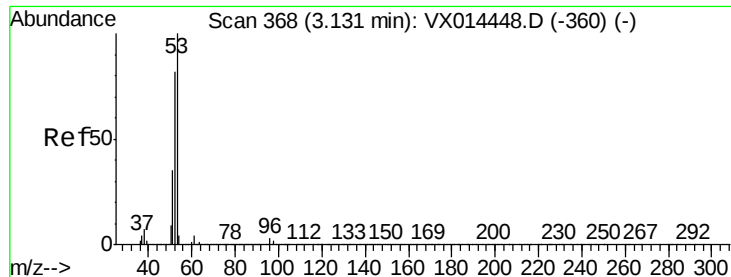
Tot Ion: 56 Resp: 212219
Ion Ratio Lower Upper
56 100
55 70.0 55.0 82.6



#14
Allyl chloride
Concen: 49.618 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.01 min
Lab File: VX014671.D
Acq: 20 Jan 2020 16:43

Tgt Ion: 41 Resp: 383001
Ion Ratio Lower Upper
41 100
39 66.8 51.7 77.5
76 32.6 26.8 40.2

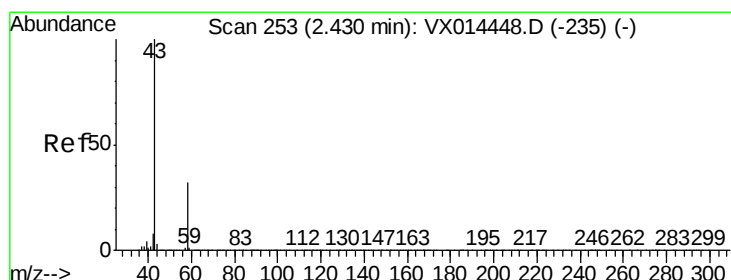
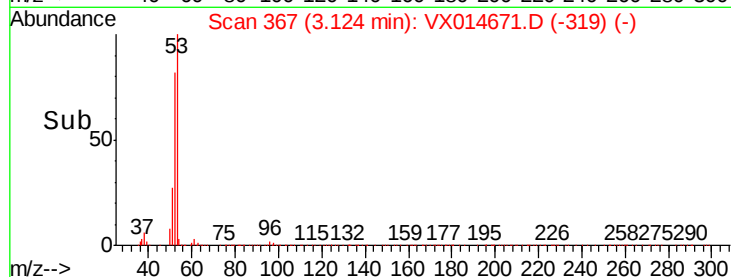
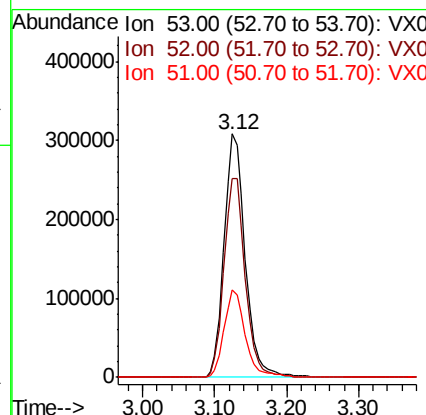
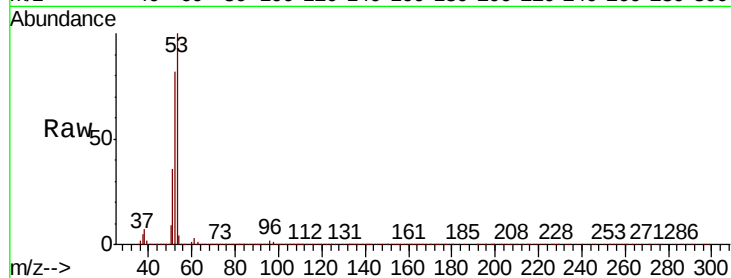




#15
 Acrylonitrile
 Concen: 250.239 ug/l
 RT: 3.12 min Scan# 367
 Delta R.T. -0.01 min
 Lab File: VX014671.D
 Acq: 20 Jan 2020 16:43

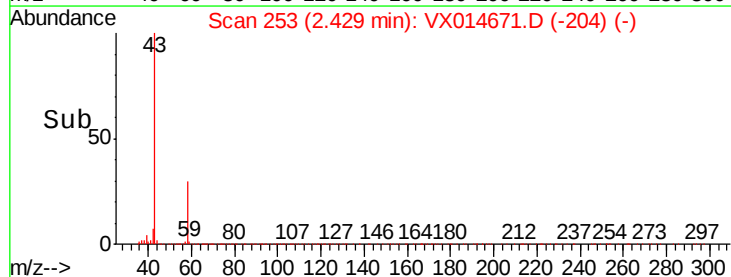
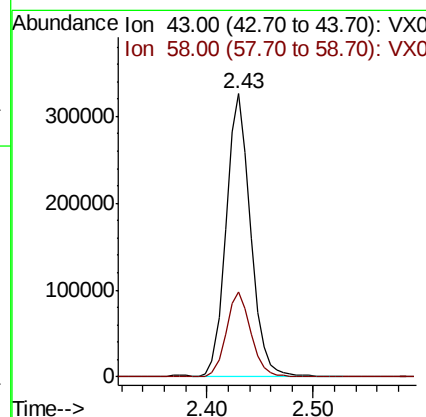
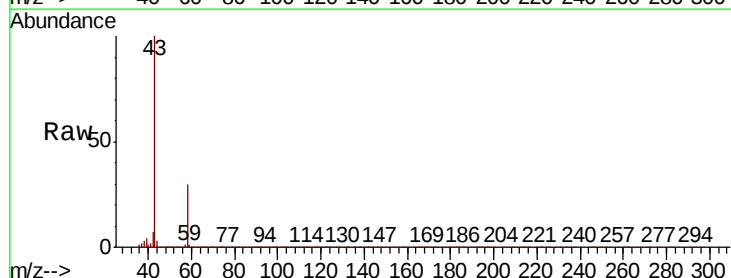
Instrument :
 MSVOA_X
 ClientSampleId :

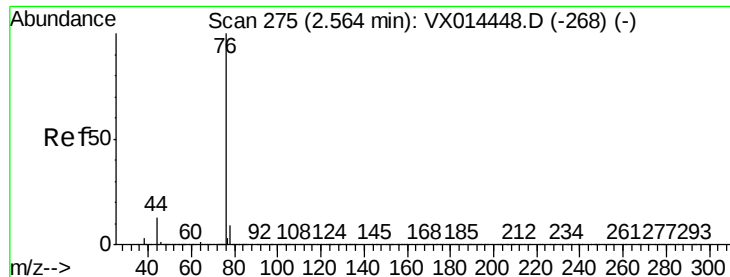
Tot Ion: 53 Resp: 626682
 Ion Ratio Lower Upper
 53 100
 52 82.5 67.0 100.4
 51 36.0 28.5 42.7



#16
 Acetone
 Concen: 208.305 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. 0.00 min
 Lab File: VX014671.D
 Acq: 20 Jan 2020 16:43

Tgt Ion: 43 Resp: 520772
 Ion Ratio Lower Upper
 43 100
 58 30.2 25.4 38.0

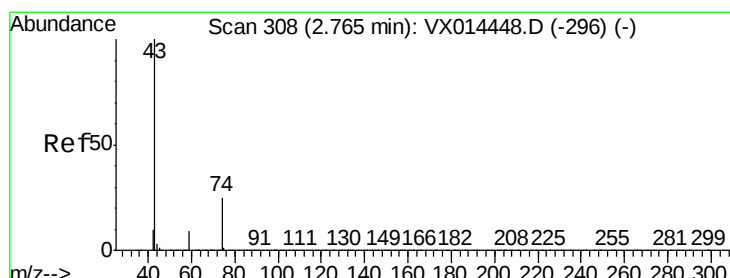
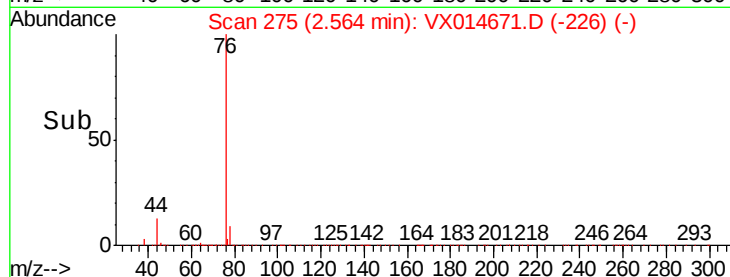
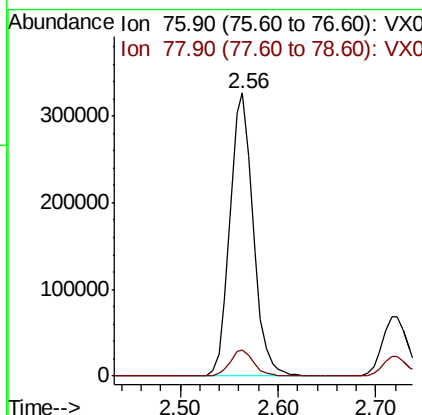
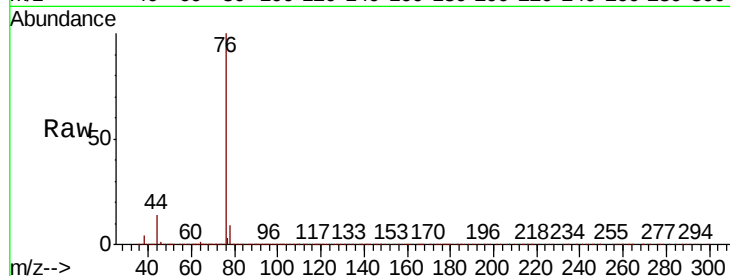




#17
Carbon Disulfide
Concen: 43.949 ug/l
RT: 2.56 min Scan# 275
Delta R.T. -0.00 min
Lab File: VX014671.D
Acq: 20 Jan 2020 16:43

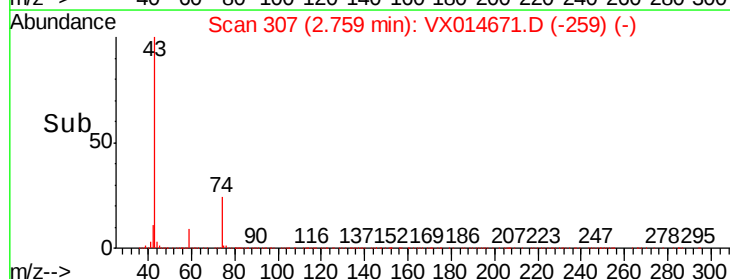
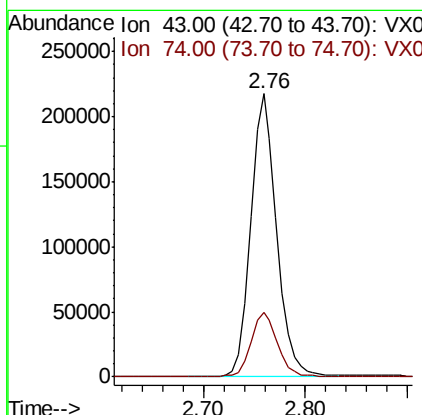
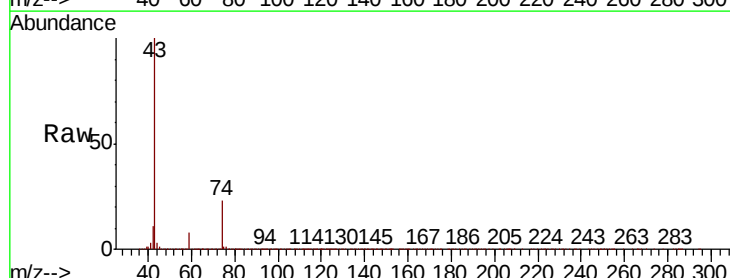
Instrument :
MSVOA_X
ClientSampleId :

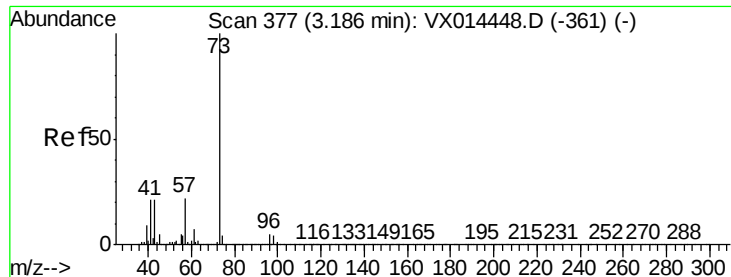
Tot Ion: 76 Resp: 539153
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2



#18
Methyl Acetate
Concen: 53.609 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014671.D
Acq: 20 Jan 2020 16:43

Tgt Ion: 43 Resp: 382900
Ion Ratio Lower Upper
43 100
74 23.7 19.4 29.2

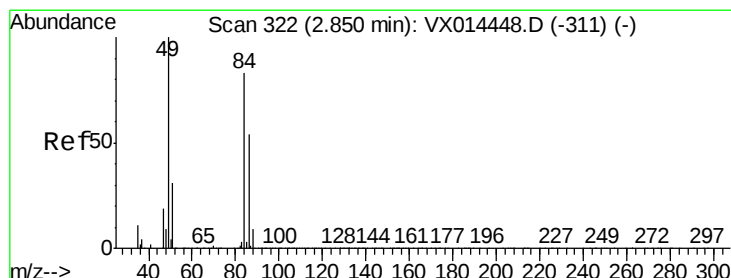
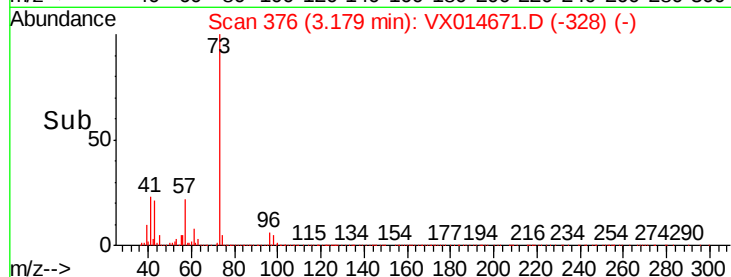
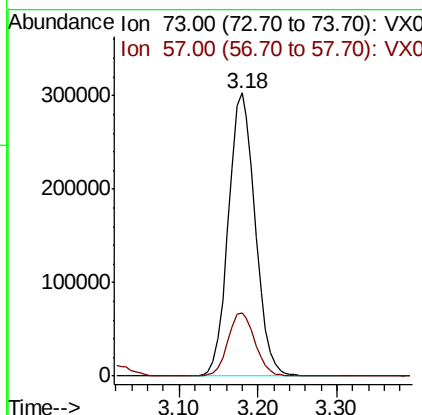
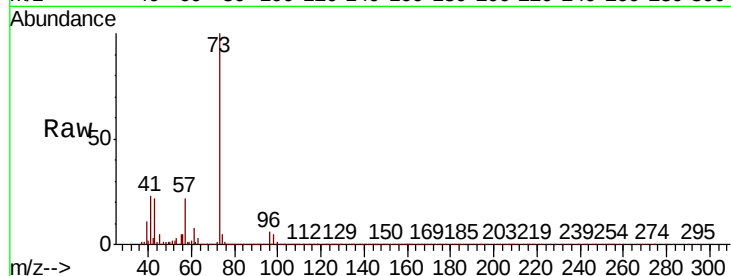




#19
Methyl tert-butyl Ether
Concen: 50.711 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014671.D
Acq: 20 Jan 2020 16:43

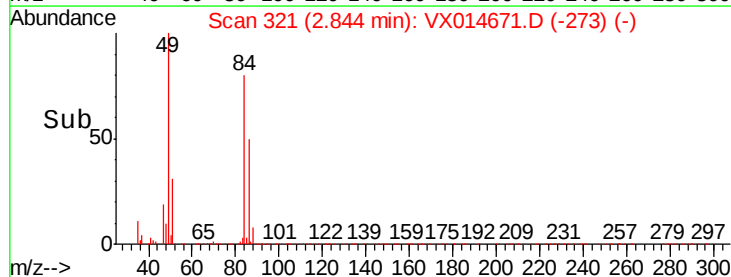
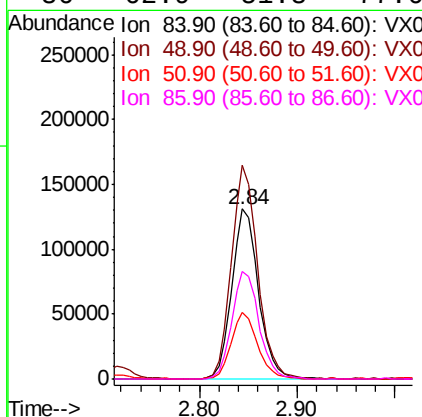
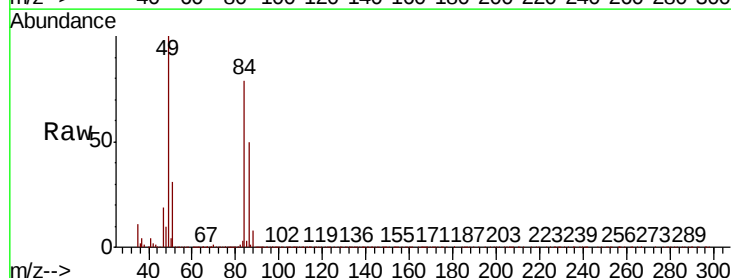
Instrument :
MSVOA_X
ClientSampleId :

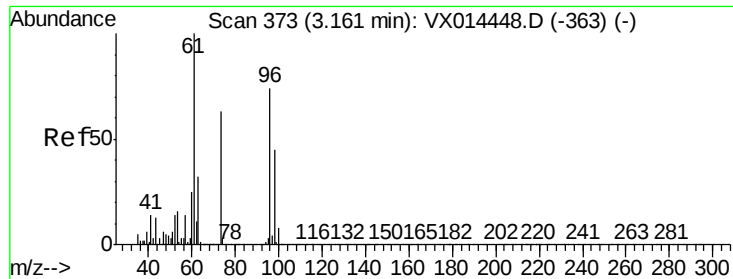
Tot Ion: 73 Resp: 715725
Ion Ratio Lower Upper
73 100
57 22.4 17.8 26.8



#20
Methylene Chloride
Concen: 49.409 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014671.D
Acq: 20 Jan 2020 16:43

Tgt Ion: 84 Resp: 247009
Ion Ratio Lower Upper
84 100
49 125.7 95.8 143.8
51 38.8 30.2 45.4
86 62.9 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 46.776 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014671.D

Acq: 20 Jan 2020 16:43

Instrument :

MSVOA_X

ClientSampleId :

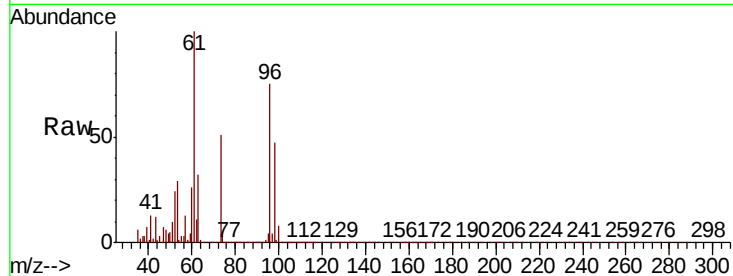
Tot Ion: 96 Resp: 224521

Ion Ratio Lower Upper

96 100

61 133.4 108.2 162.4

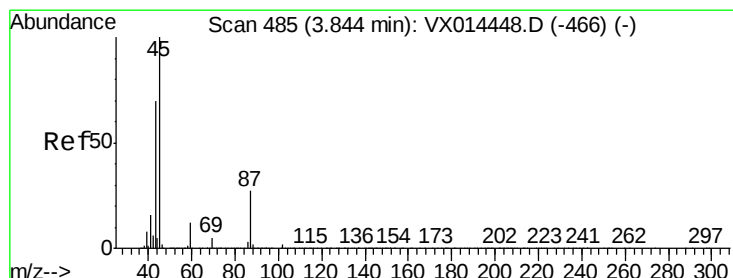
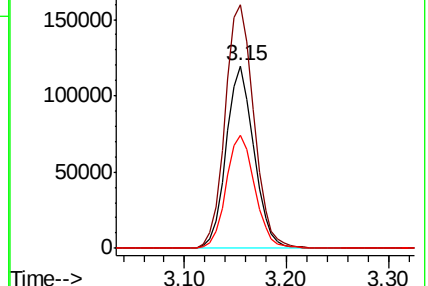
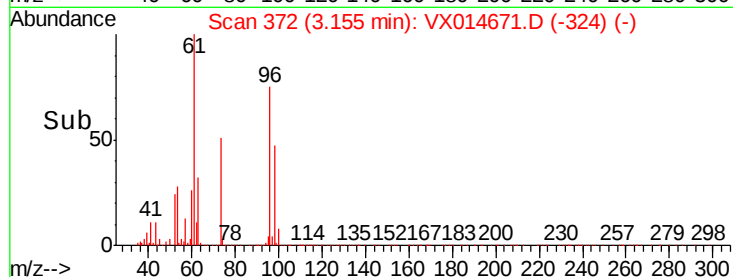
98 62.0 48.8 73.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 52.994 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX014671.D

Acq: 20 Jan 2020 16:43

Tgt Ion: 45 Resp: 790527

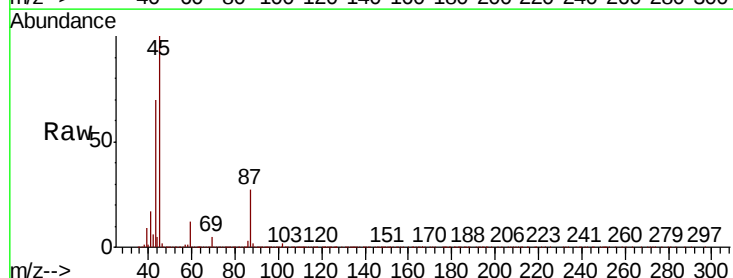
Ion Ratio Lower Upper

45 100

43 69.3 55.8 83.6

87 27.2 21.8 32.8

59 11.4 9.1 13.7

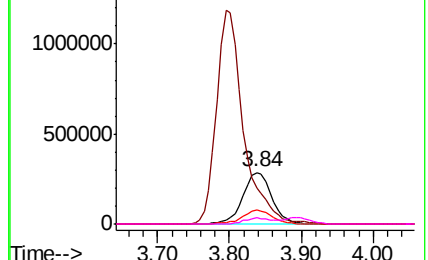
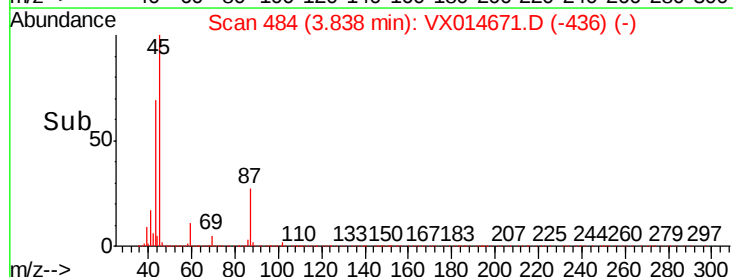


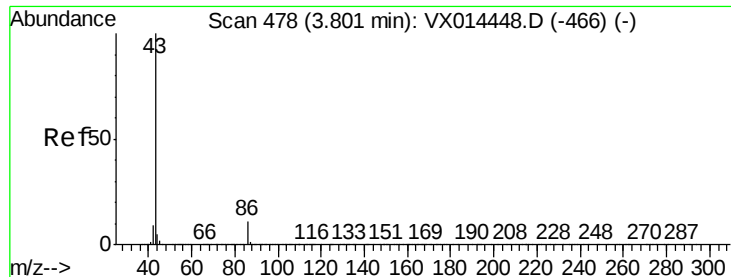
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 268.432 ug/l

RT: 3.80 min Scan# 477

Delta R.T. -0.01 min

Lab File: VX014671.D

Acq: 20 Jan 2020 16:43

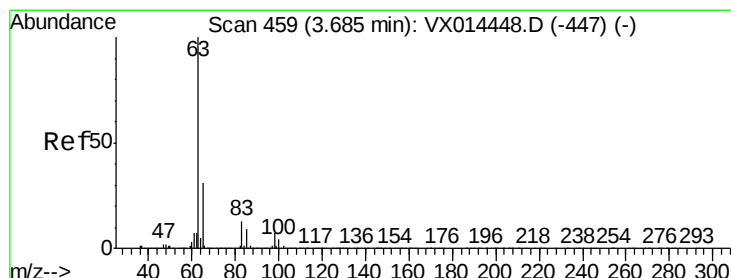
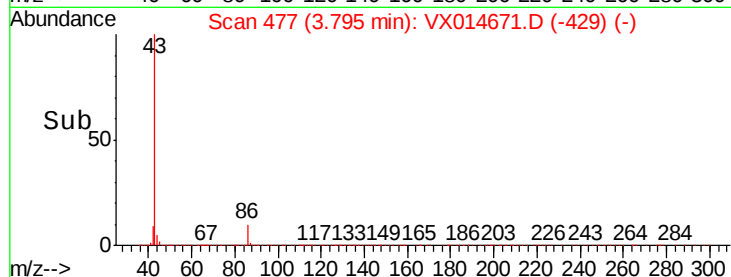
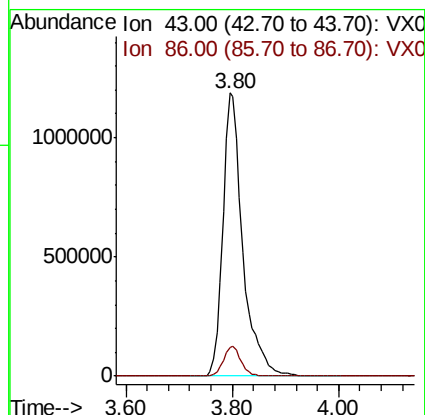
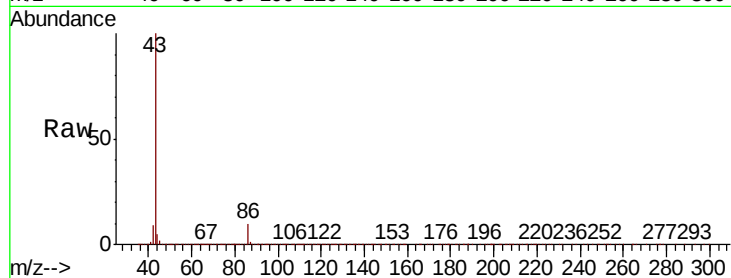
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 3100188

Ion Ratio Lower Upper

43 100

86 10.2 8.4 12.6



#24

1,1-Dichloroethane

Concen: 51.629 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX014671.D

Acq: 20 Jan 2020 16:43

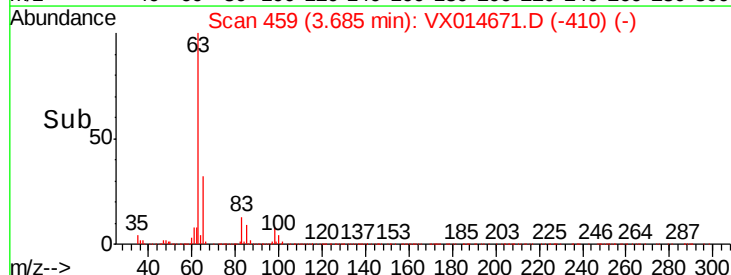
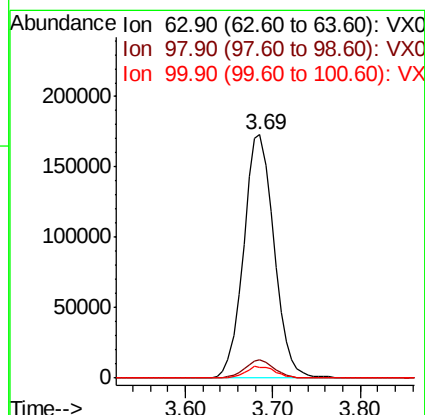
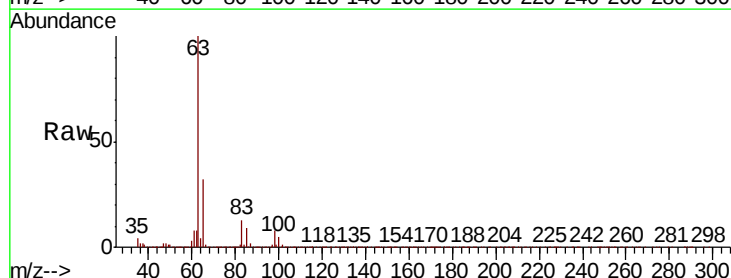
Tgt Ion: 63 Resp: 418967

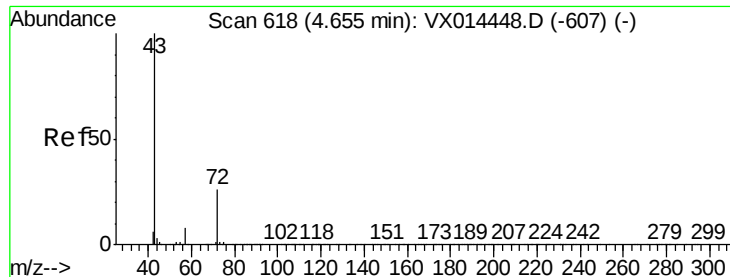
Ion Ratio Lower Upper

63 100

98 7.6 3.6 10.9

100 4.5 2.3 6.8

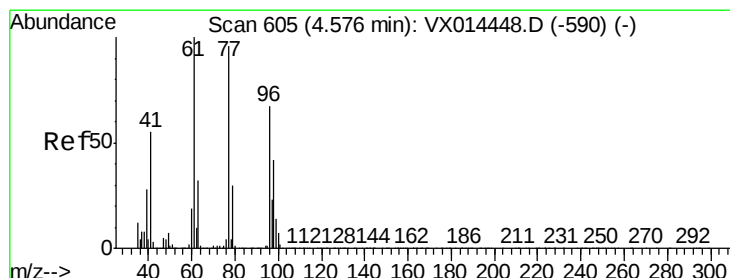
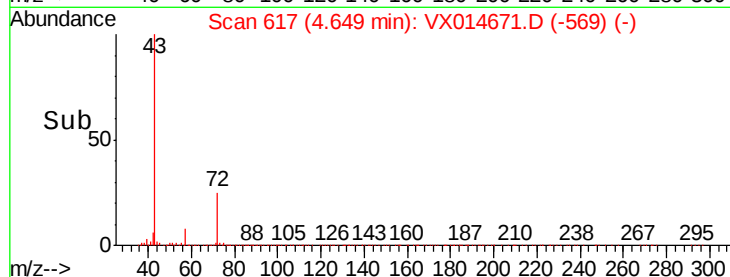
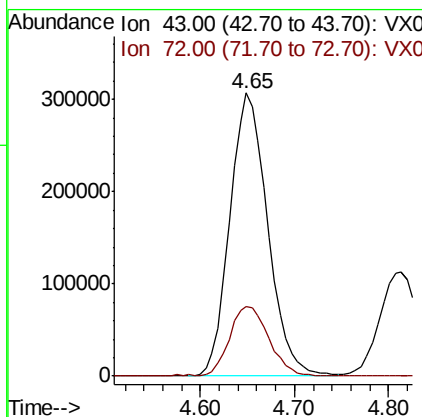
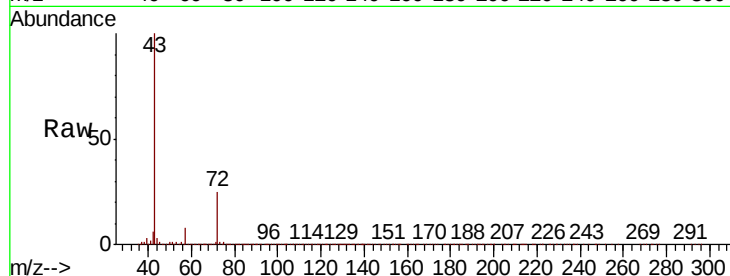




#25
2-Butanone
Concen: 230.388 ug/l
RT: 4.65 min Scan# 617
Delta R.T. -0.01 min
Lab File: VX014671.D
Acq: 20 Jan 2020 16:43

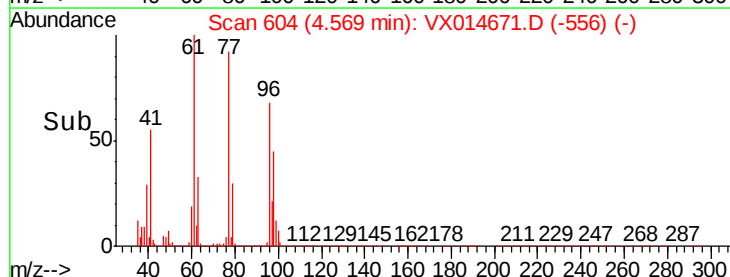
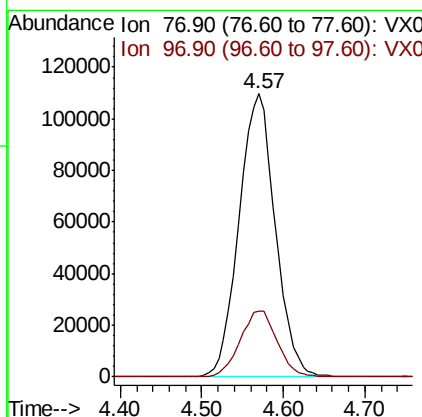
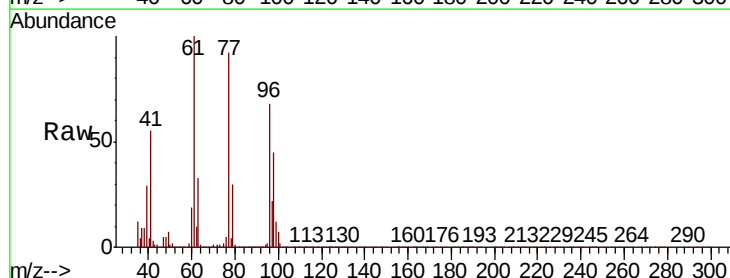
Instrument :
MSVOA_X
ClientSampleId :

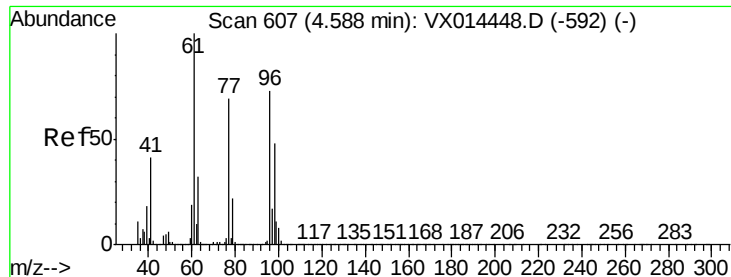
Tot Ion: 43 Resp: 855220
Ion Ratio Lower Upper
43 100
72 24.7 20.6 31.0



#26
2,2-Dichloropropane
Concen: 49.082 ug/l
RT: 4.57 min Scan# 604
Delta R.T. -0.01 min
Lab File: VX014671.D
Acq: 20 Jan 2020 16:43

Tgt Ion: 77 Resp: 337401
Ion Ratio Lower Upper
77 100
97 24.1 11.7 35.1



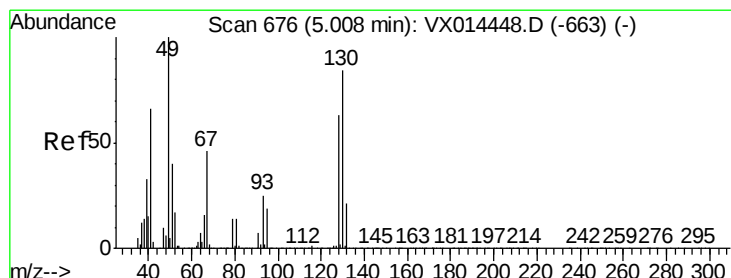
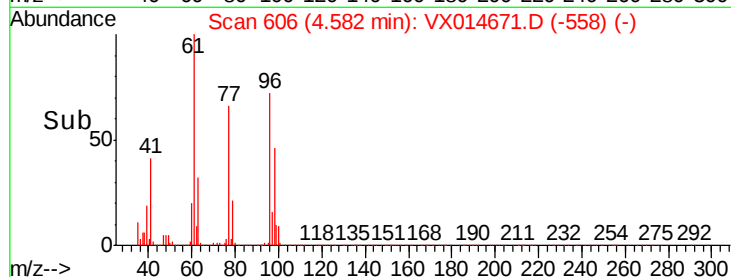
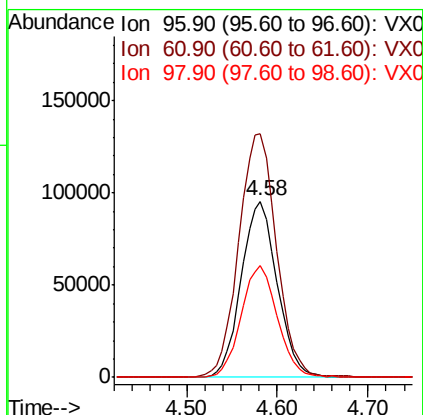
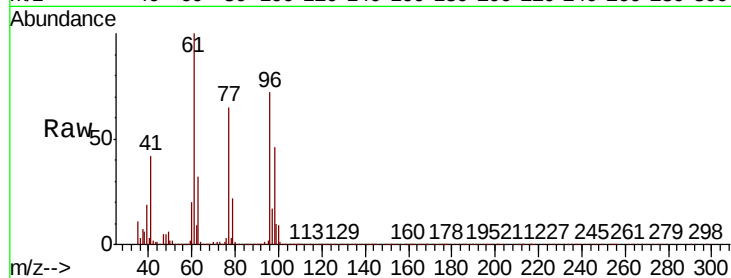


#27

cis-1,2-Dichloroethene
Concen: 48.904 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX014671.D
Acq: 20 Jan 2020 16:43

Instrument :
MSVOA_X
ClientSampleId :

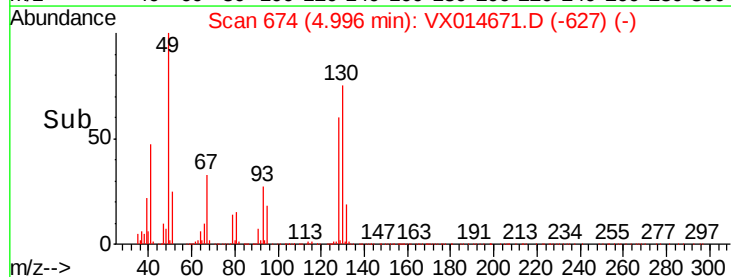
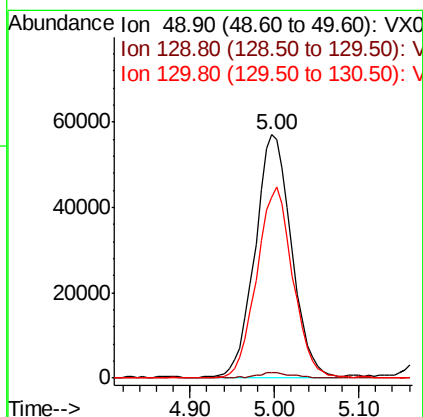
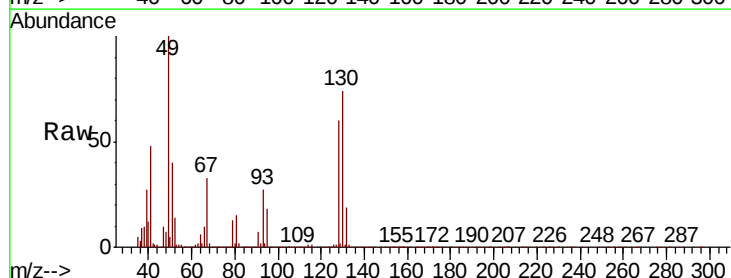
Tot Ion	Ratio	Lower	Upper
96	100		
61	146.0	0.0	285.4
98	63.7	0.0	130.6

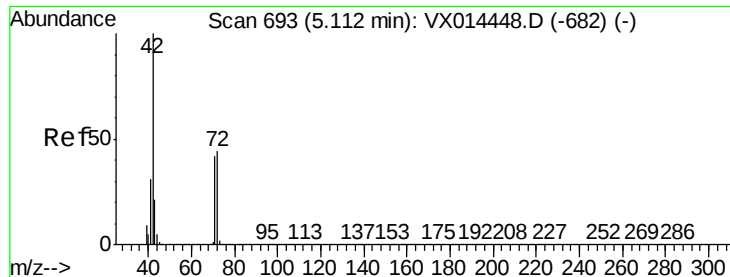


#28

Bromochloromethane
Concen: 49.297 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX014671.D
Acq: 20 Jan 2020 16:43

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.4
130	77.5	67.0	100.4





#29

Tetrahydrofuran

Concen: 253.501 ug/l

RT: 5.11 min Scan# 692

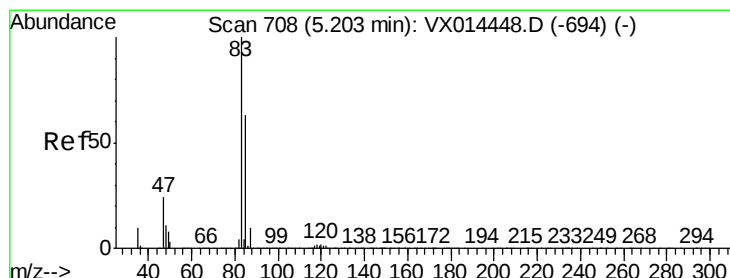
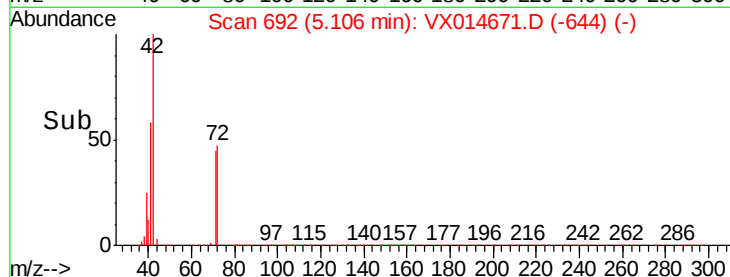
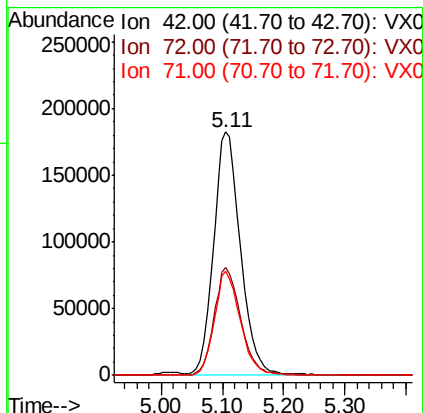
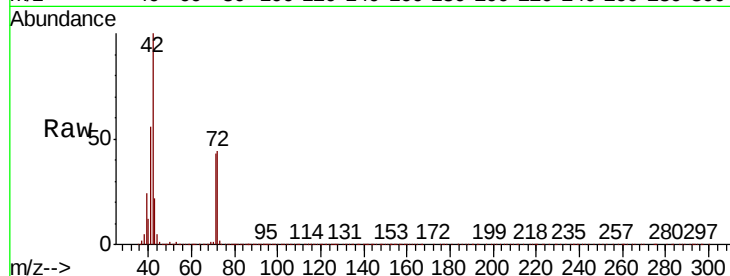
Delta R.T. -0.01 min

Lab File: VX014671.D

Acq: 20 Jan 2020 16:43

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	42	Resp:	556367
Ion	Ratio	Lower	Upper
42	100		
72	44.0	36.2	54.4
71	41.1	34.1	51.1



#30

Chloroform

Concen: 51.661 ug/l

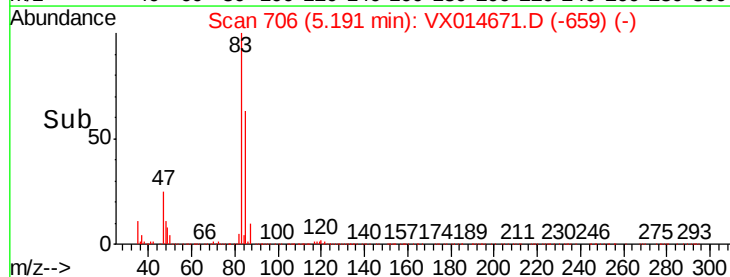
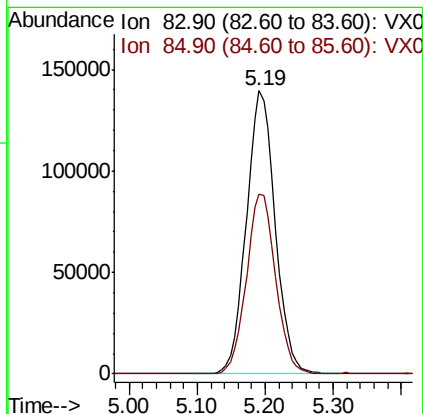
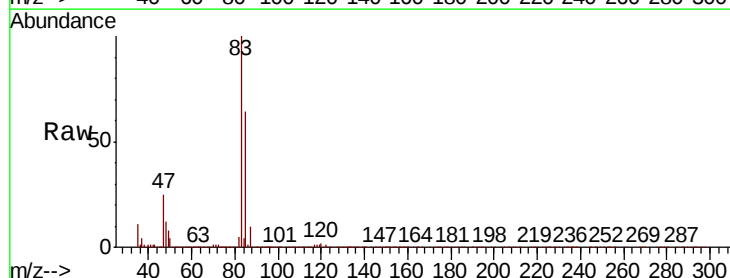
RT: 5.19 min Scan# 706

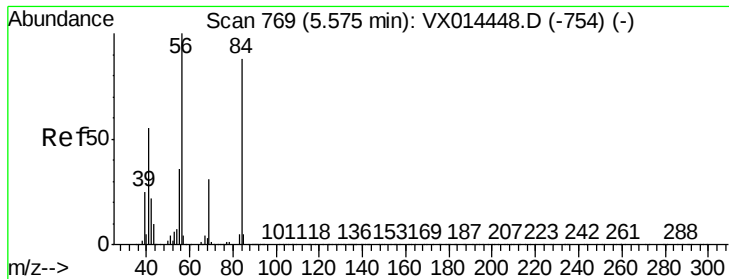
Delta R.T. -0.01 min

Lab File: VX014671.D

Acq: 20 Jan 2020 16:43

Tgt Ion:	83	Resp:	409661
Ion	Ratio	Lower	Upper
83	100		
85	63.6	50.6	75.8

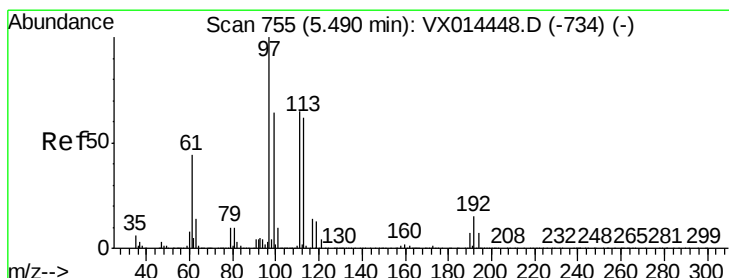
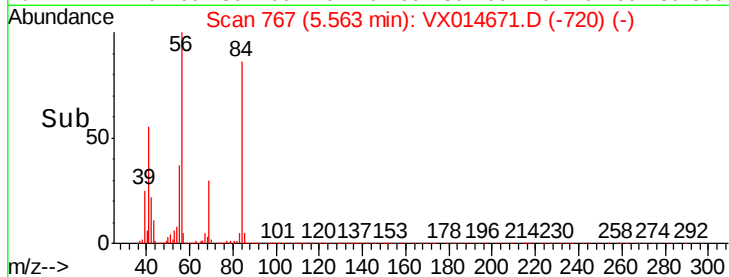
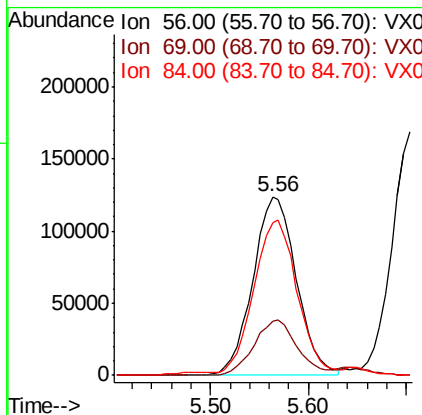
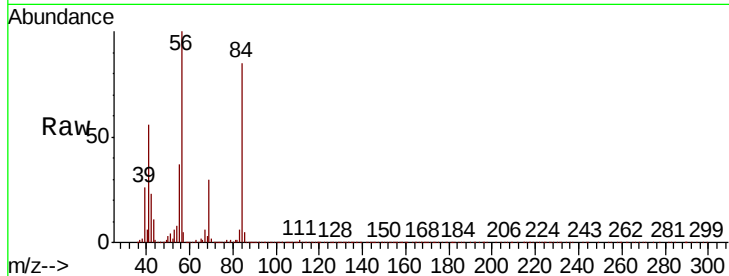




#31
Cyclohexane
Concen: 49.855 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX014671.D
Acq: 20 Jan 2020 16:43

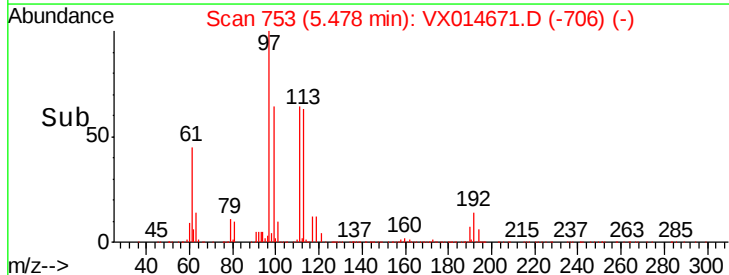
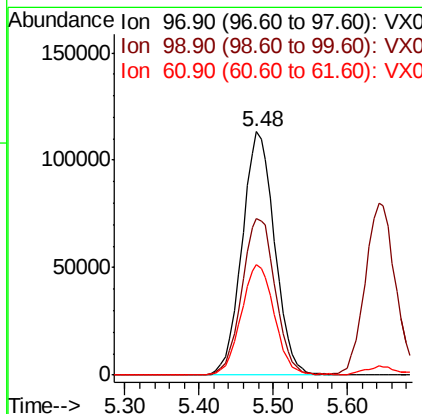
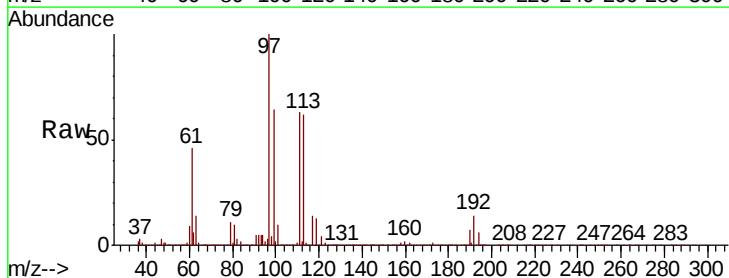
Instrument :
MSVOA_X
ClientSampleId :

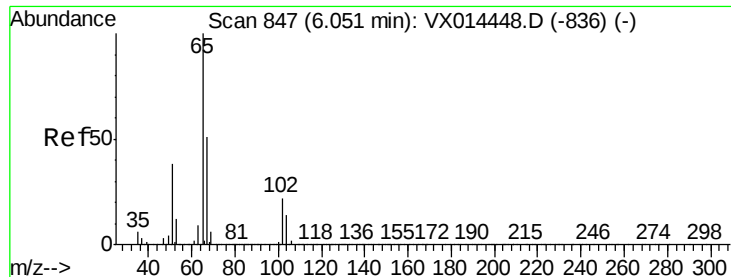
Tot Ion: 56 Resp: 378682
Ion Ratio Lower Upper
56 100
69 30.0 24.4 36.6
84 84.0 70.6 106.0



#32
1,1,1-Trichloroethane
Concen: 50.831 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.01 min
Lab File: VX014671.D
Acq: 20 Jan 2020 16:43

Tgt Ion: 97 Resp: 345025
Ion Ratio Lower Upper
97 100
99 66.1 51.8 77.6
61 46.2 35.9 53.9

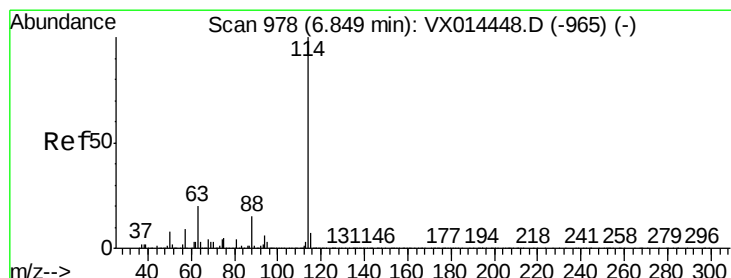
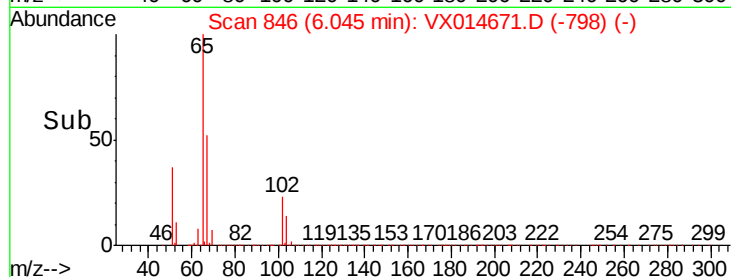
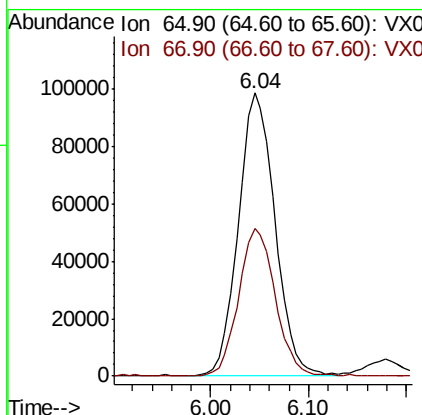
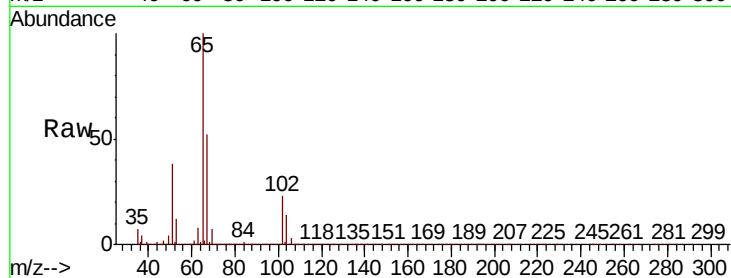




#33
 1,2-Dichloroethane-d4
 Concen: 51.303 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: VX014671.D
 Acq: 20 Jan 2020 16:43

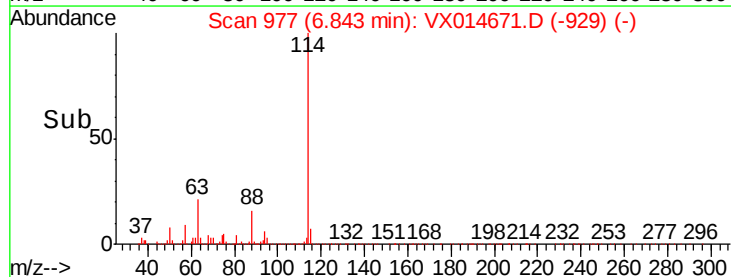
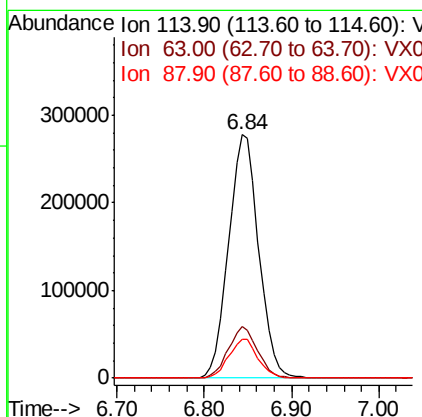
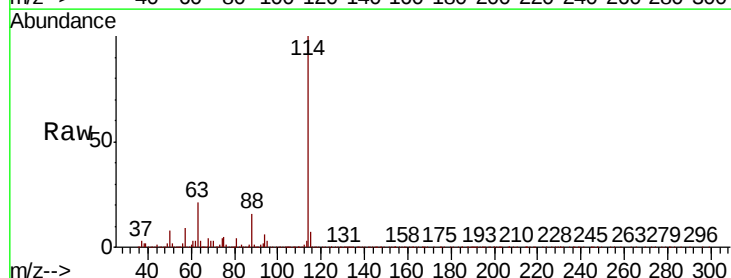
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 65 Resp: 254948
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX014671.D
 Acq: 20 Jan 2020 16:43

Tgt Ion: 114 Resp: 664088
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 39.6
 88 16.0 0.0 30.8





#35

Dibromofluoromethane

Concen: 51.879 ug/l

RT: 5.48 min Scan# 754

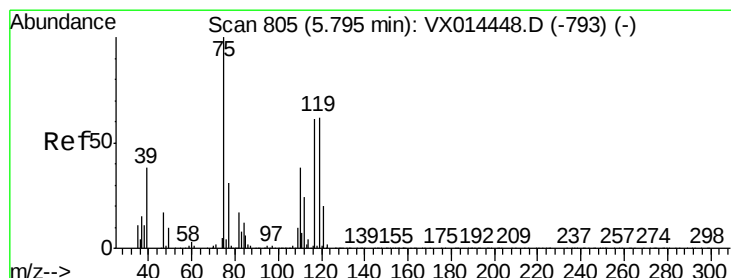
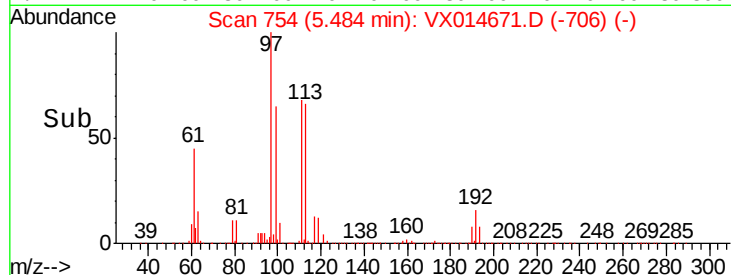
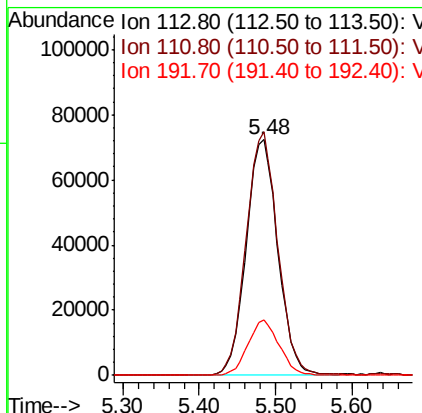
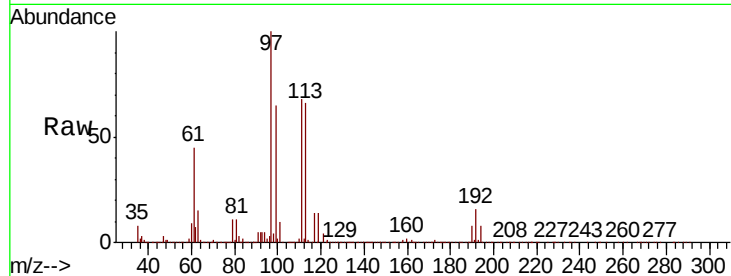
Delta R.T. -0.01 min

Lab File: VX014671.D

Acq: 20 Jan 2020 16:43

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	113	Resp:	208555
Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.5	122.3
192	23.2	19.2	28.8



#36

1,1-Dichloropropene

Concen: 50.232 ug/l

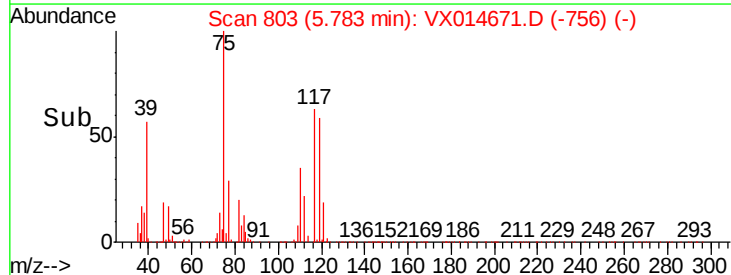
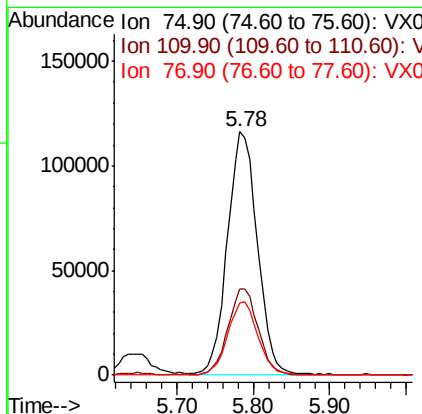
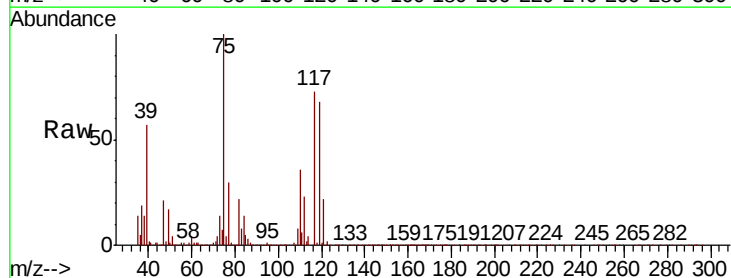
RT: 5.78 min Scan# 803

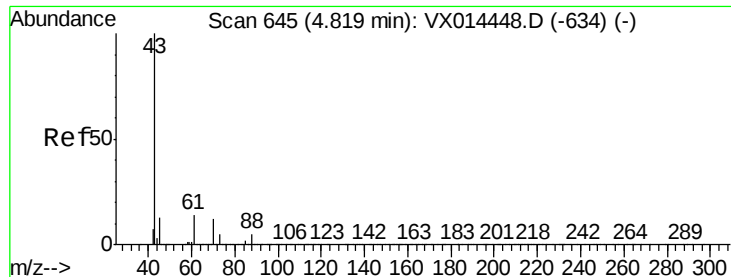
Delta R.T. -0.01 min

Lab File: VX014671.D

Acq: 20 Jan 2020 16:43

Tgt Ion:	75	Resp:	313707
Ion	Ratio	Lower	Upper
75	100		
110	35.8	18.6	55.8
77	29.9	24.5	36.7

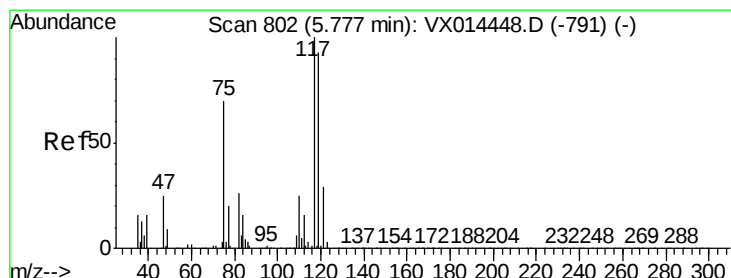
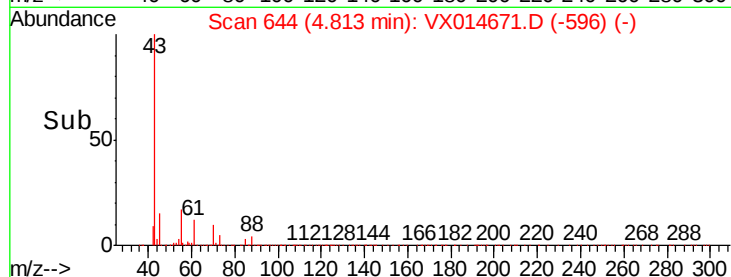
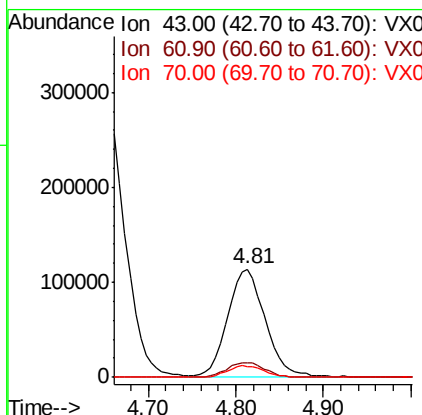
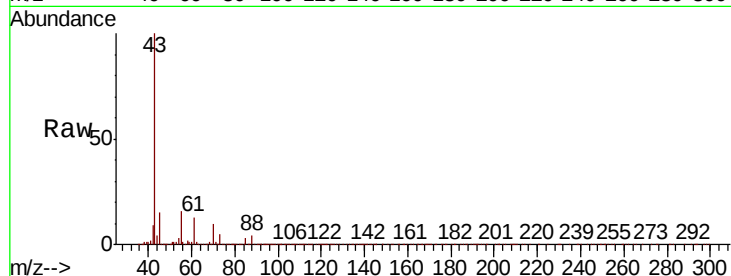




#37
Ethyl Acetate
Concen: 49.484 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014671.D
Acq: 20 Jan 2020 16:43

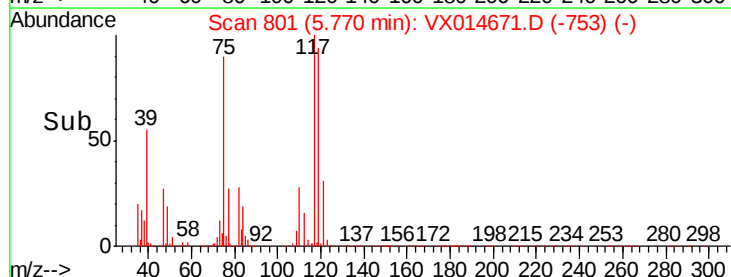
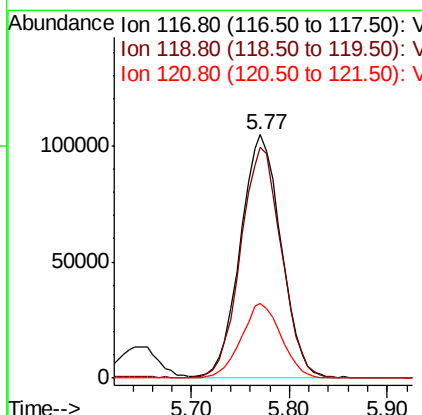
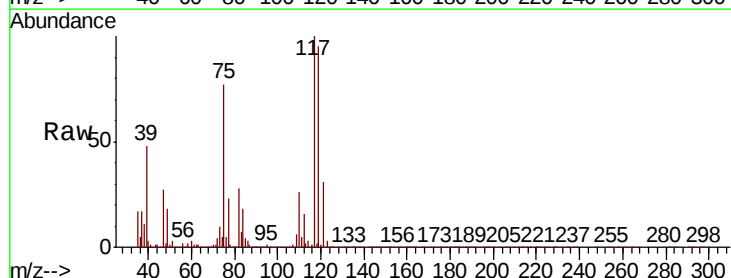
Instrument :
MSVOA_X
ClientSampleId :

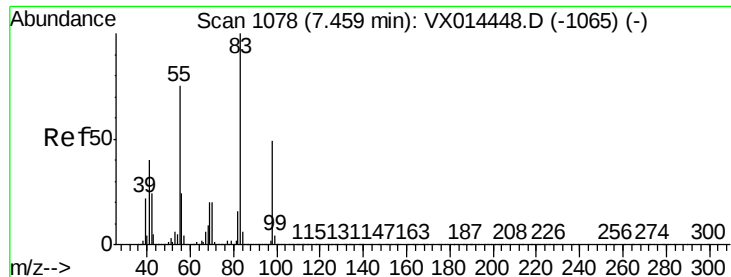
Tot Ion: 43 Resp: 335677
Ion Ratio Lower Upper
43 100
61 13.9 11.1 16.7
70 10.7 8.9 13.3



#38
Carbon Tetrachloride
Concen: 52.342 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX014671.D
Acq: 20 Jan 2020 16:43

Tgt Ion: 117 Resp: 300809
Ion Ratio Lower Upper
117 100
119 94.8 73.8 110.8
121 30.8 23.4 35.0

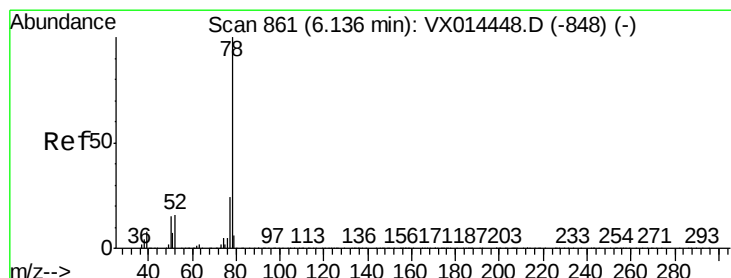
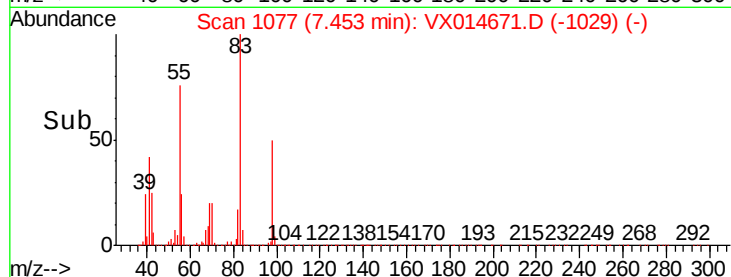
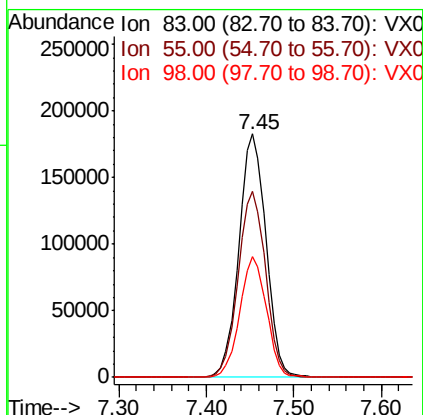
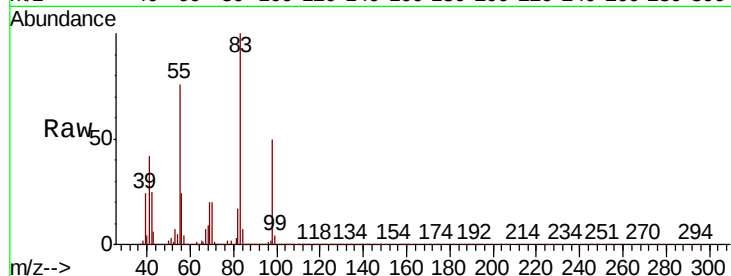




#39
Methvlcvclohexane
Concen: 50.185 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014671.D
Acq: 20 Jan 2020 16:43

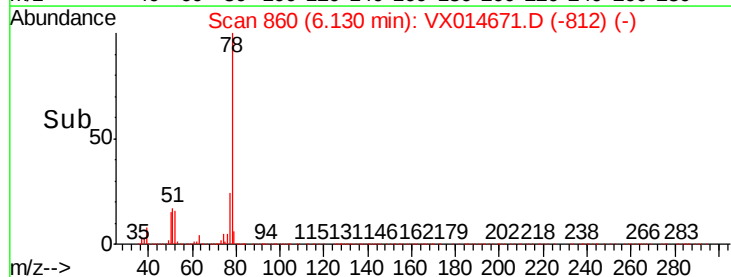
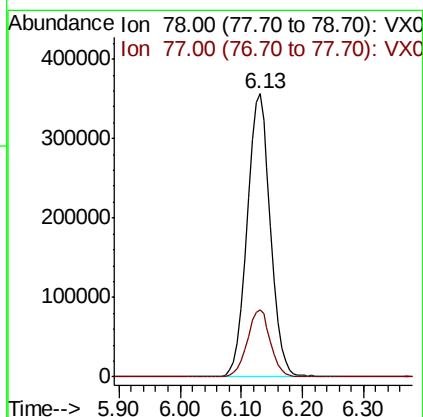
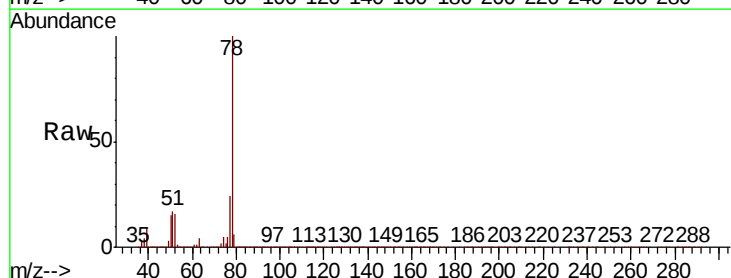
Instrument :
MSVOA_X
ClientSampleId :

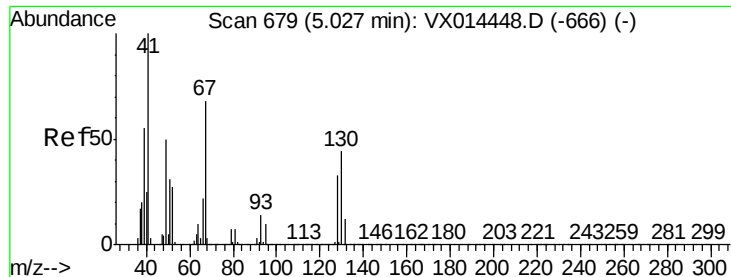
Tot Ion	83.00	Resp	393751
Ion	Ratio	Lower	Upper
83	100		
55	76.2	59.7	89.5
98	49.8	39.1	58.7



#40
Benzene
Concen: 51.003 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014671.D
Acq: 20 Jan 2020 16:43

Tgt Ion	78.00	Resp	945360
Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.5	29.3

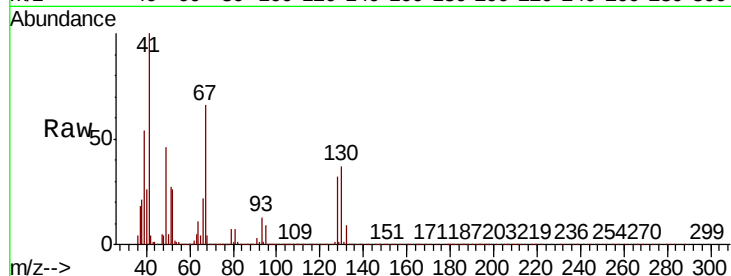




#41
Methacrylonitrile
Concen: 53.672 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014671.D
Acq: 20 Jan 2020 16:43

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	194158
Ion	Ratio	Lower	Upper
41	100		
39	55.1	43.6	65.4
67	68.7	57.9	86.9
52	27.7	23.0	34.6



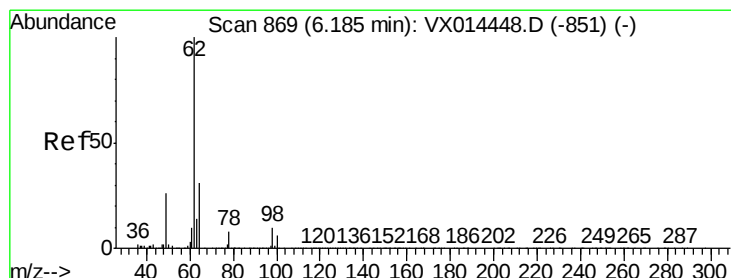
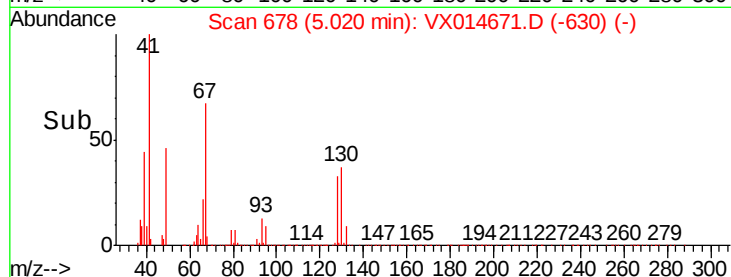
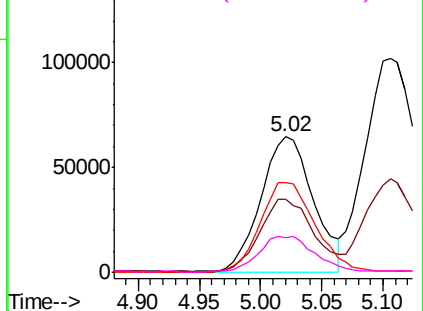
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

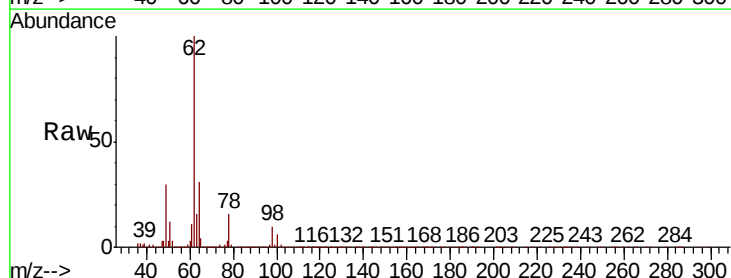
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 51.383 ug/l
RT: 6.17 min Scan# 867
Delta R.T. -0.01 min
Lab File: VX014671.D
Acq: 20 Jan 2020 16:43

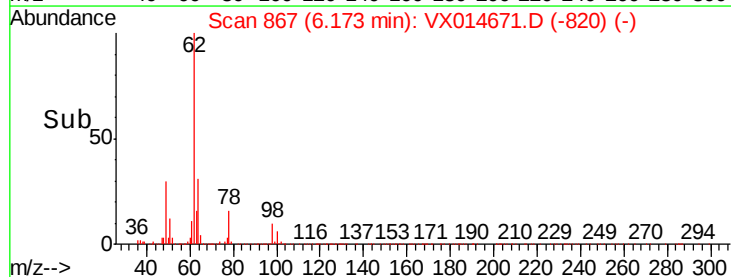
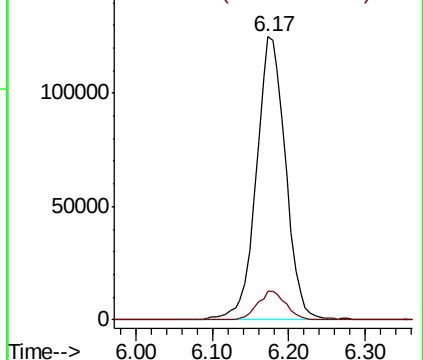
Tgt Ion:	62	Resp:	333004
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.4

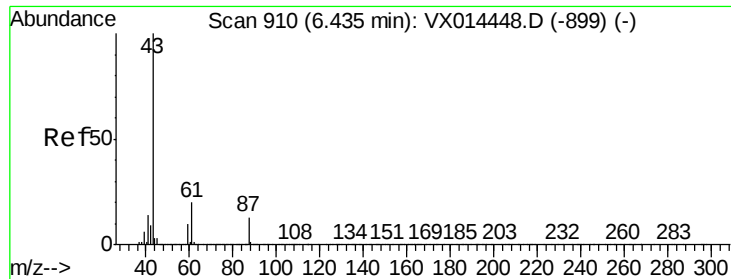


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 51.478 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014671.D

Acq: 20 Jan 2020 16:43

Instrument :
MSVOA_X
ClientSampleId :

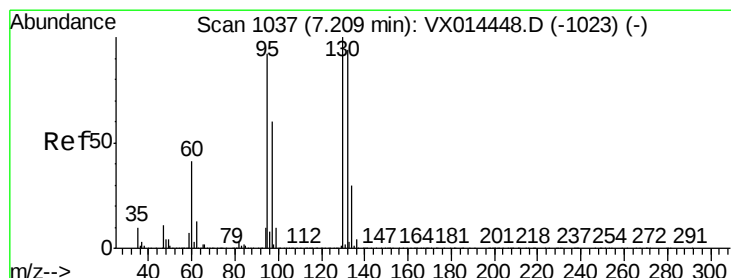
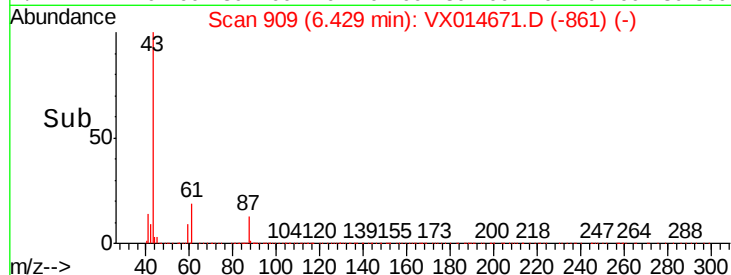
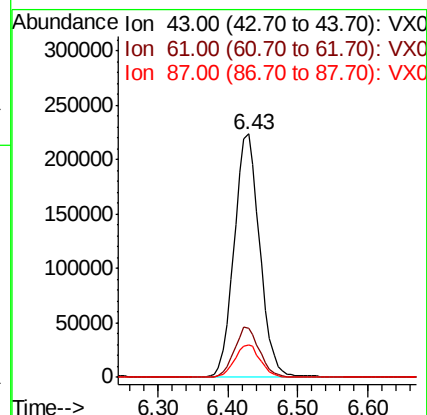
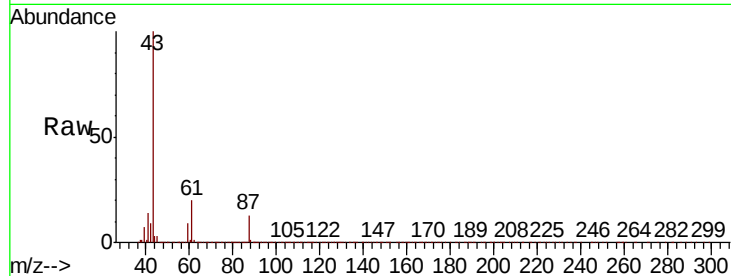
Tot Ion: 43 Resp: 564114

Ion Ratio Lower Upper

43 100

61 20.3 16.6 24.8

87 13.5 10.8 16.2



#44

Trichloroethene

Concen: 48.808 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014671.D

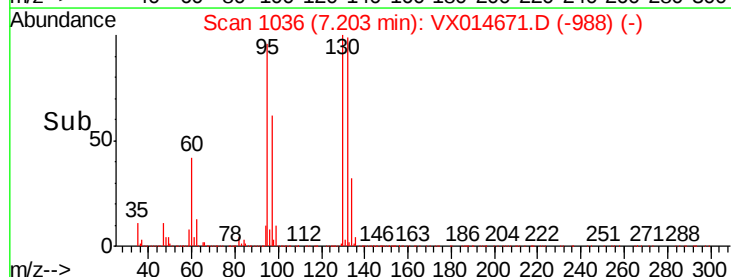
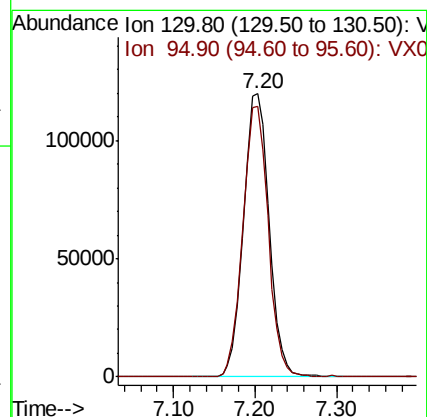
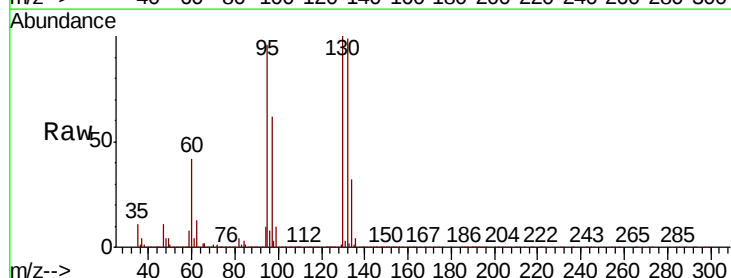
Acq: 20 Jan 2020 16:43

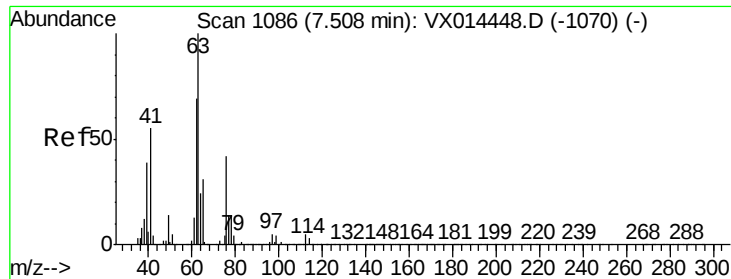
Tgt Ion: 130 Resp: 259987

Ion Ratio Lower Upper

130 100

95 95.8 0.0 184.2

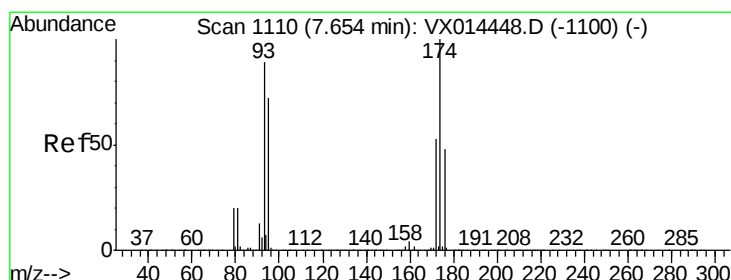
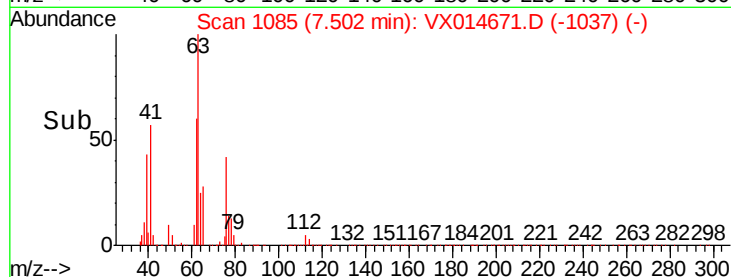
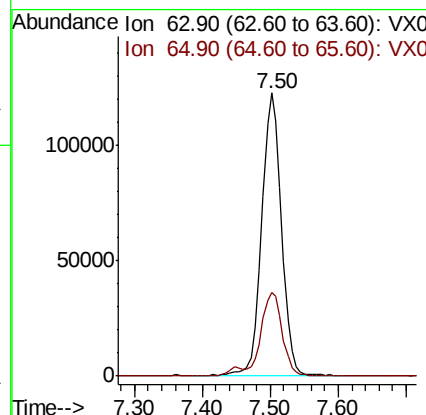
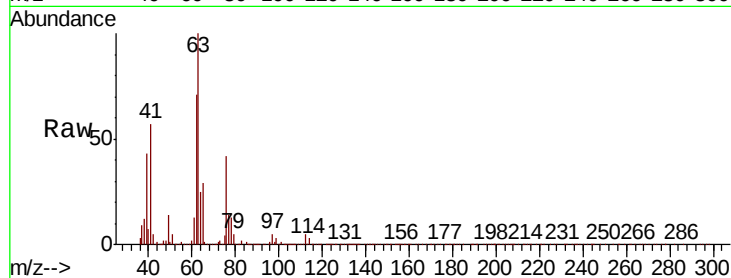




#45
 1,2-Dichloropropane
 Concen: 52.829 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX014671.D
 Acq: 20 Jan 2020 16:43

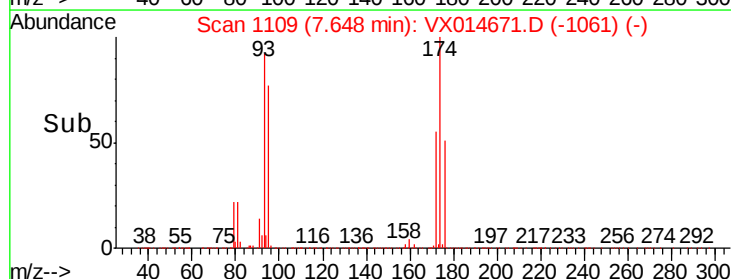
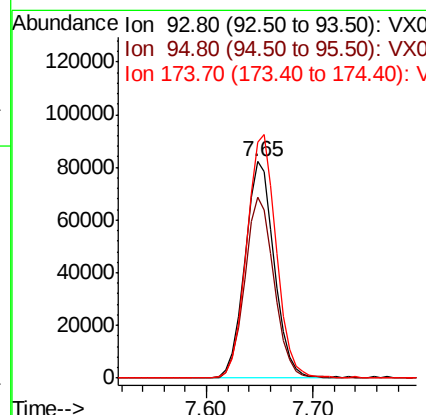
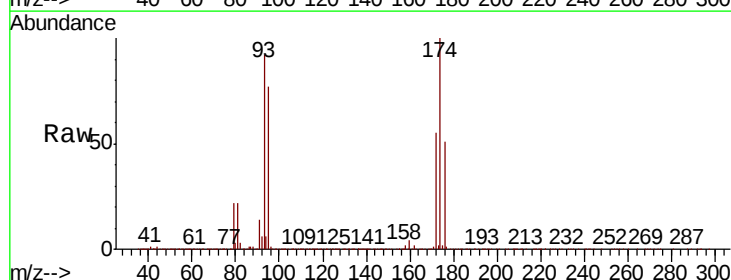
Instrument :
 MSVOA_X
 ClientSampled :

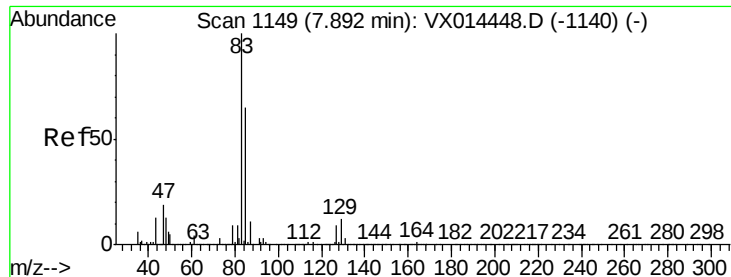
Tot Ion: 63 Resp: 249651
 Ion Ratio Lower Upper
 63 100
 65 29.2 24.8 37.2



#46
 Dibromomethane
 Concen: 48.107 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX014671.D
 Acq: 20 Jan 2020 16:43

Tgt Ion: 93 Resp: 158672
 Ion Ratio Lower Upper
 93 100
 95 84.0 65.4 98.2
 174 113.5 93.0 139.4

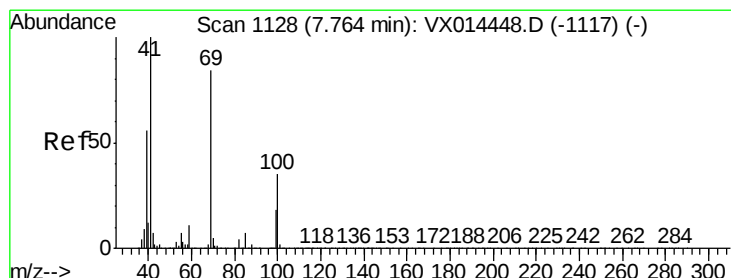
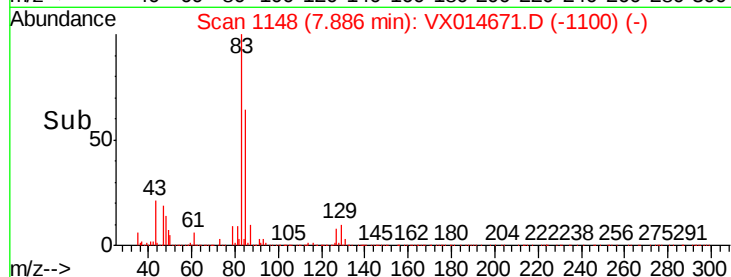
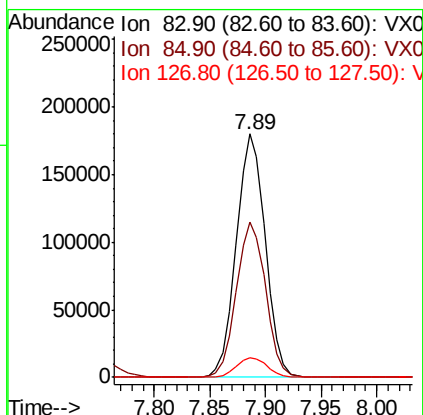
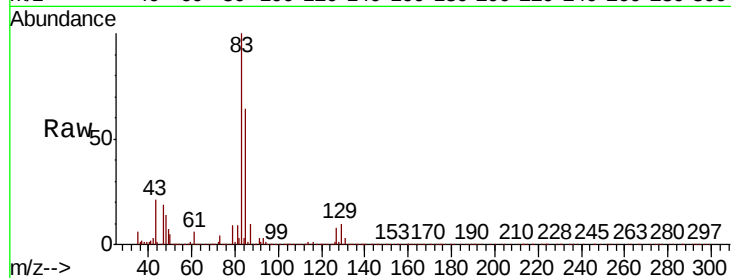




#47
Bromodichloromethane
Concen: 54.049 ug/l
RT: 7.89 min Scan# 1148
Delta R.T. -0.01 min
Lab File: VX014671.D
Acq: 20 Jan 2020 16:43

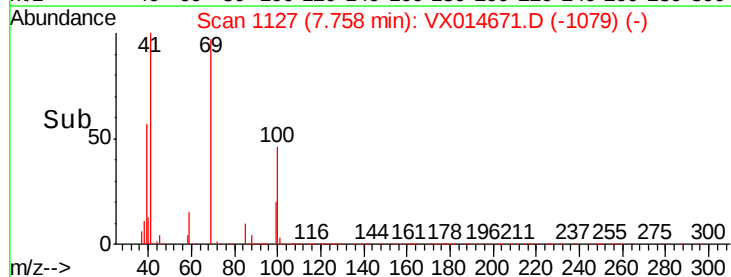
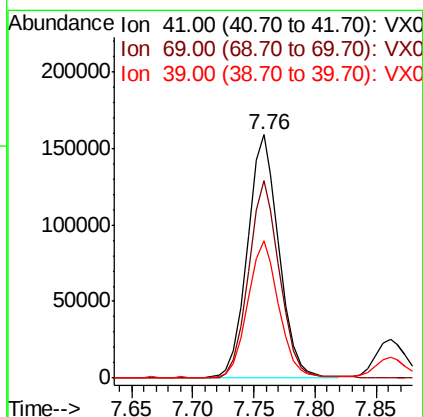
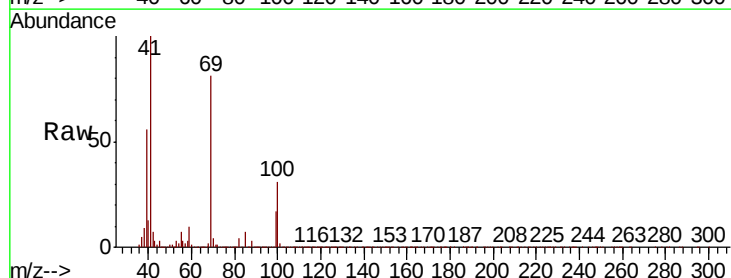
Instrument :
MSVOA_X
ClientSampleId :

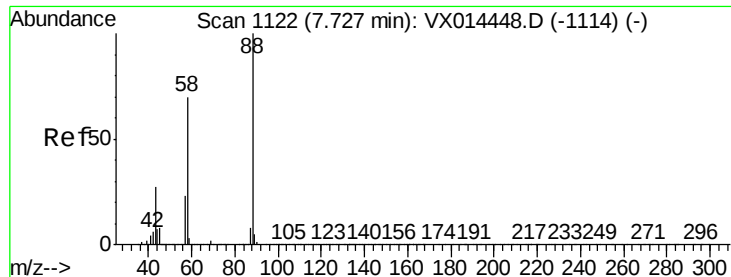
Tot Ion: 83 Resp: 324379
Ion Ratio Lower Upper
83 100
85 63.5 51.7 77.5
127 8.2 7.1 10.7



#48
Methyl methacrylate
Concen: 53.744 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX014671.D
Acq: 20 Jan 2020 16:43

Tgt Ion: 41 Resp: 282074
Ion Ratio Lower Upper
41 100
69 80.7 65.5 98.3
39 55.6 43.9 65.9





#49

1,4-Dioxane

Concen: 898.713 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.00 min

Lab File: VX014671.D

Acq: 20 Jan 2020 16:43

Instrument :

MSVOA_X

ClientSampleId :

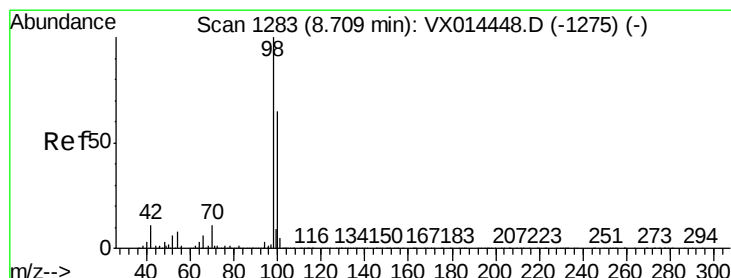
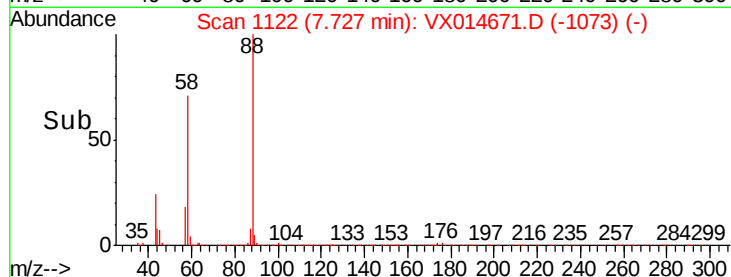
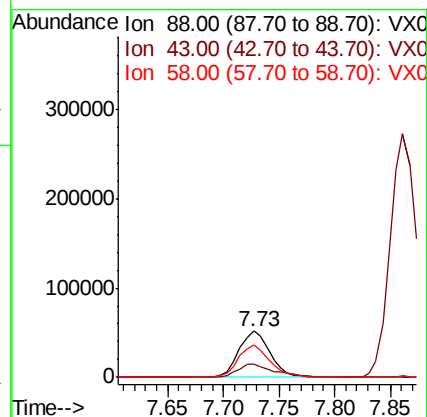
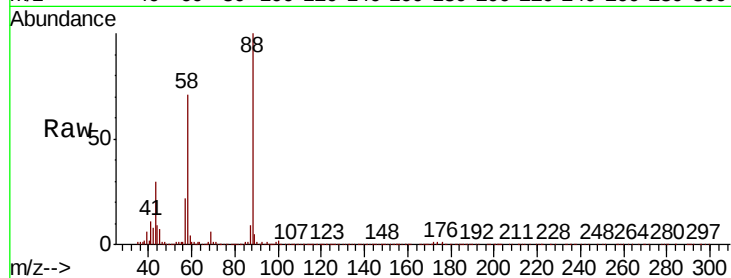
Tot Ion: 88 Resp: 99945

Ion Ratio Lower Upper

88 100

43 33.1 27.4 41.0

58 70.8 57.1 85.7



#50

Toluene-d8

Concen: 51.336 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX014671.D

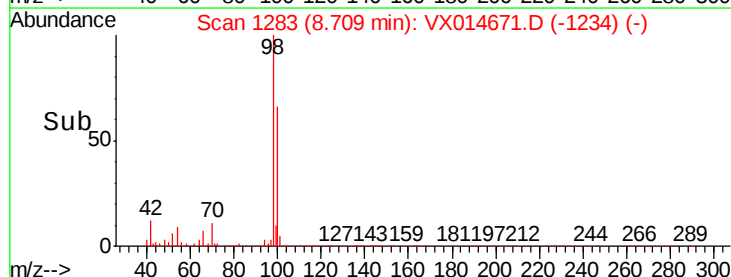
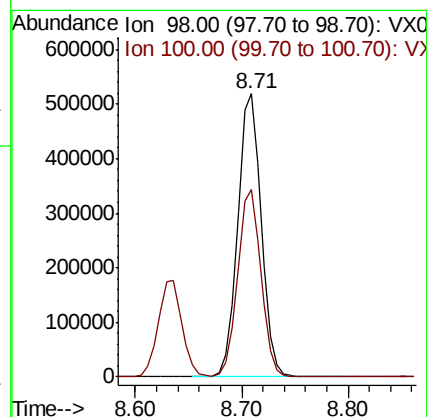
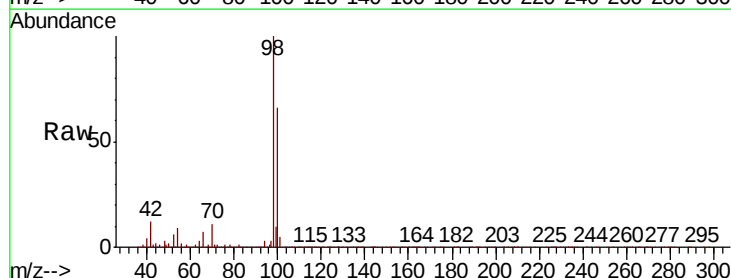
Acq: 20 Jan 2020 16:43

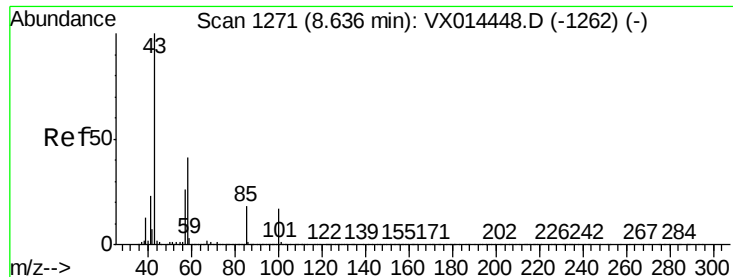
Tgt Ion: 98 Resp: 800854

Ion Ratio Lower Upper

98 100

100 65.9 53.2 79.8





#51

4-Methyl-2-Pentanone

Concen: 260.757 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014671.D

Acq: 20 Jan 2020 16:43

Instrument :

MSVOA_X

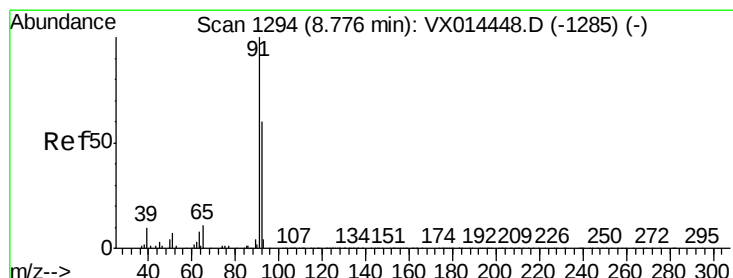
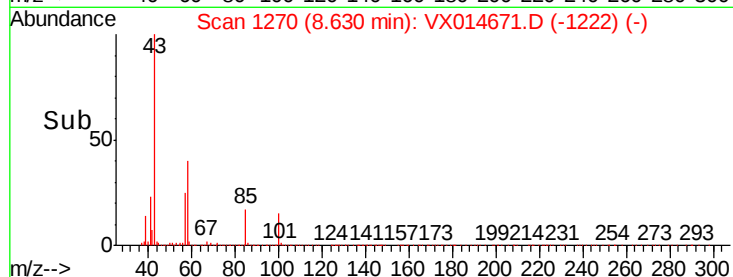
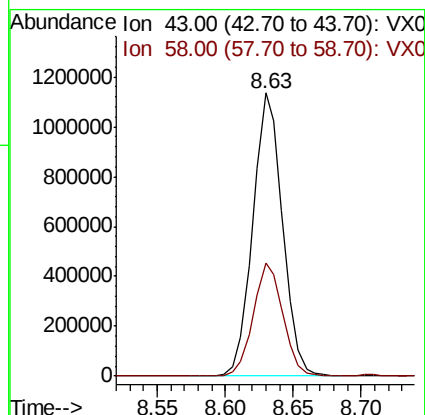
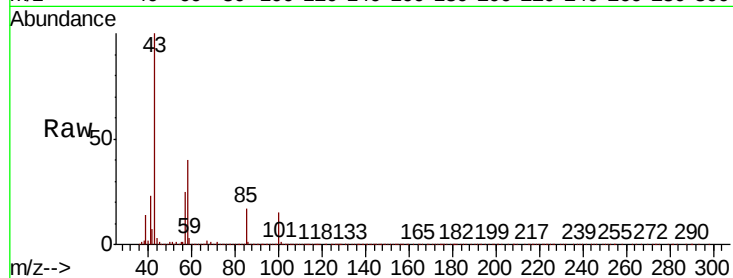
ClientSampleId :

Tot Ion: 43 Resp: 1741251

Ion Ratio Lower Upper

43 100

58 39.6 32.4 48.6



#52

Toluene

Concen: 50.122 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX014671.D

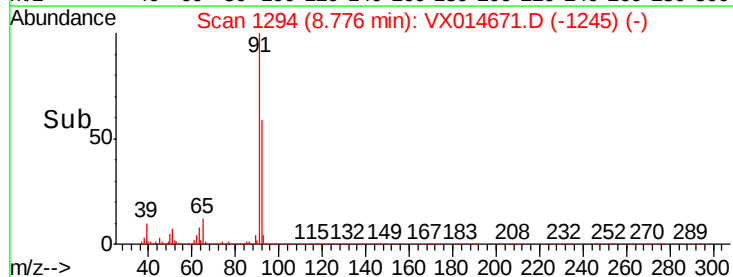
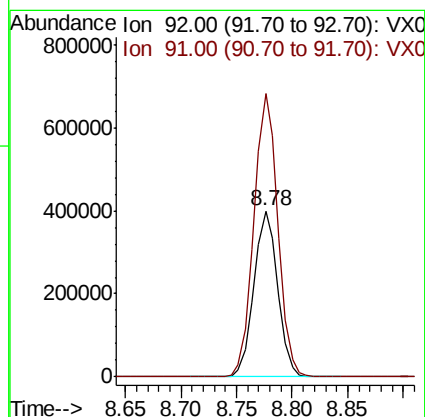
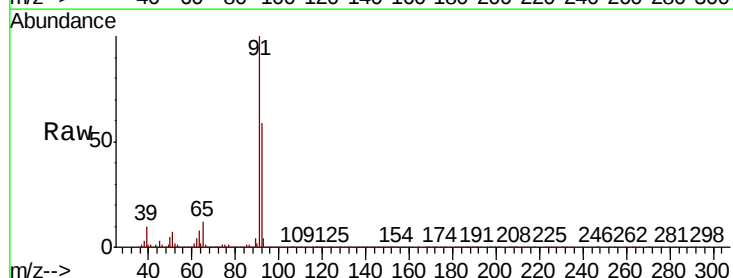
Acq: 20 Jan 2020 16:43

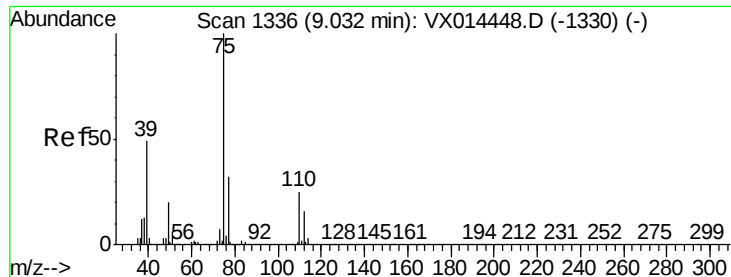
Tgt Ion: 92 Resp: 594718

Ion Ratio Lower Upper

92 100

91 171.6 135.7 203.5





#53

t-1,3-Dichloropropene

Concen: 51.466 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.00 min

Lab File: VX014671.D

Acq: 20 Jan 2020 16:43

Instrument :

MSVOA_X

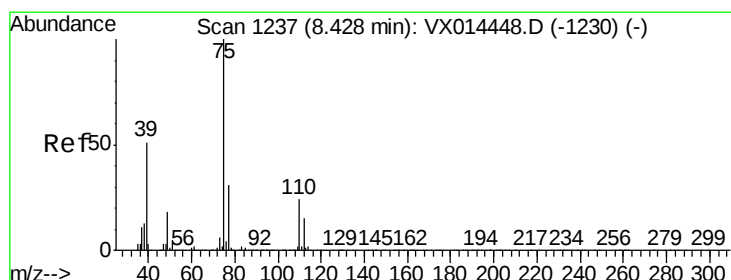
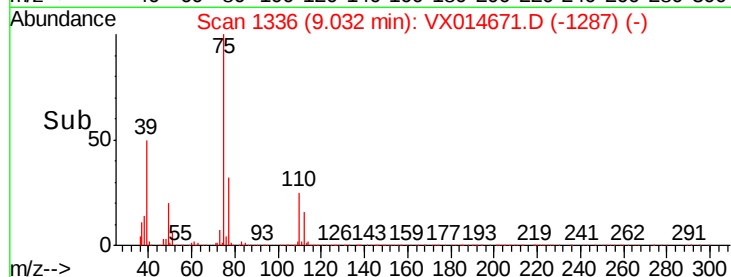
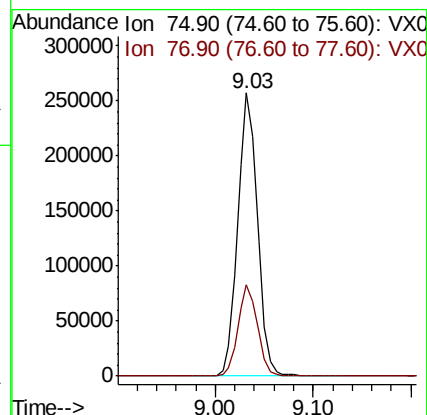
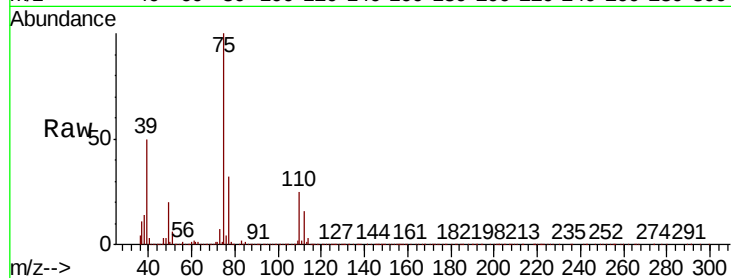
ClientSampleId :

Tot Ion: 75 Resp: 359599

Ion Ratio Lower Upper

75 100

77 32.3 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 53.098 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX014671.D

Acq: 20 Jan 2020 16:43

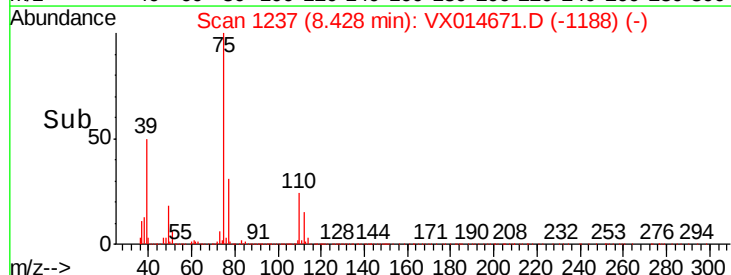
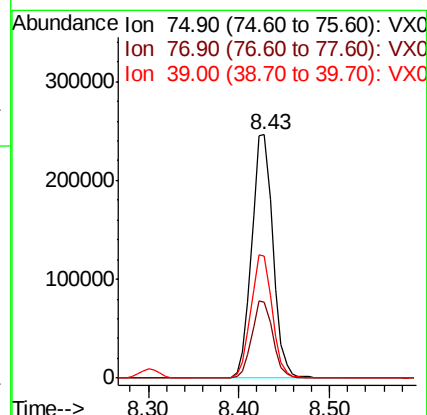
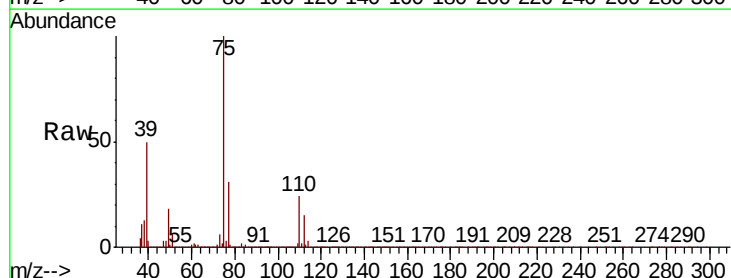
Tgt Ion: 75 Resp: 400777

Ion Ratio Lower Upper

75 100

77 30.9 25.0 37.4

39 49.8 40.7 61.1





#55

1,1,2-Trichloroethane

Concen: 50.557 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX014671.D

Acq: 20 Jan 2020 16:43

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 240947

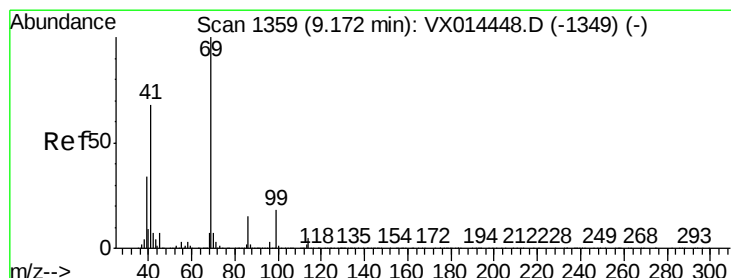
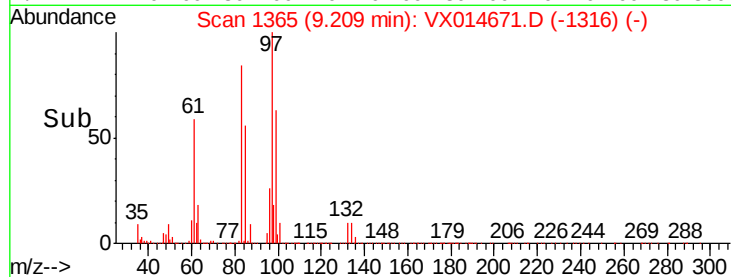
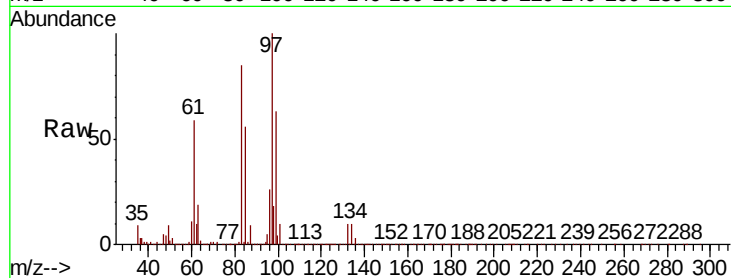
Ion	Ratio	Lower	Upper
97	100		
83	84.5	66.4	99.6
85	55.7	43.4	65.2
99	62.8	49.6	74.4

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: 52.632 ug/l

RT: 9.17 min Scan# 1358

Delta R.T. -0.01 min

Lab File: VX014671.D

Acq: 20 Jan 2020 16:43

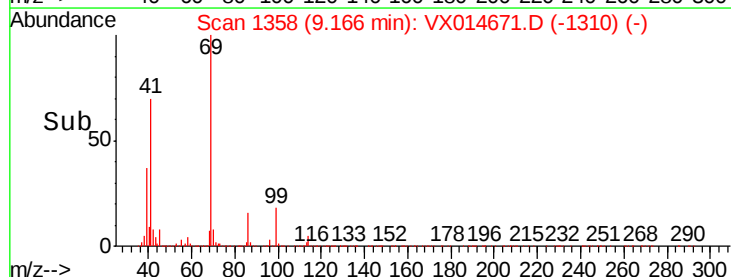
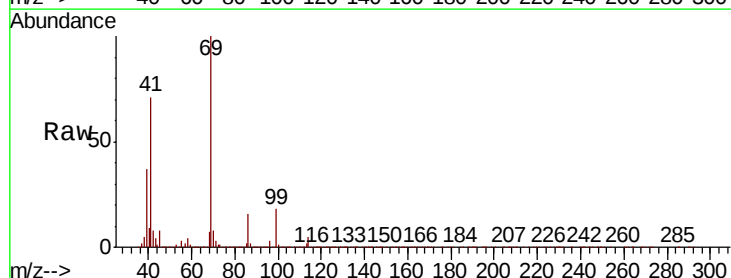
Tgt Ion: 69 Resp: 384295

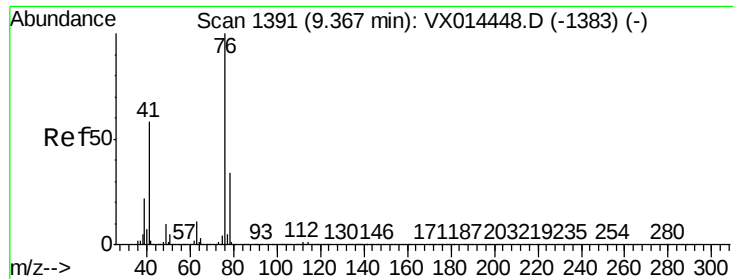
Ion	Ratio	Lower	Upper
69	100		
41	68.4	54.2	81.2
39	36.7	28.2	42.2

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: 51.046 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014671.D

Acq: 20 Jan 2020 16:43

Instrument :

MSVOA_X

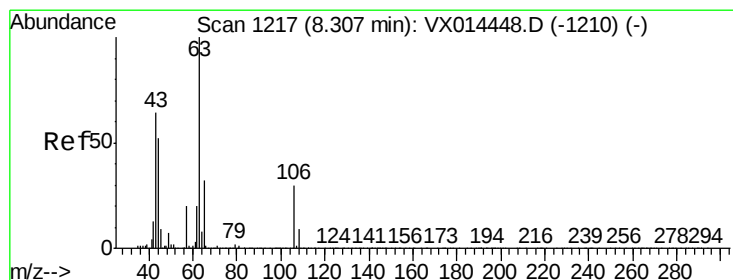
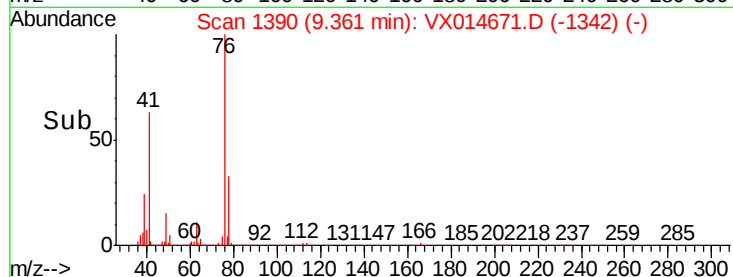
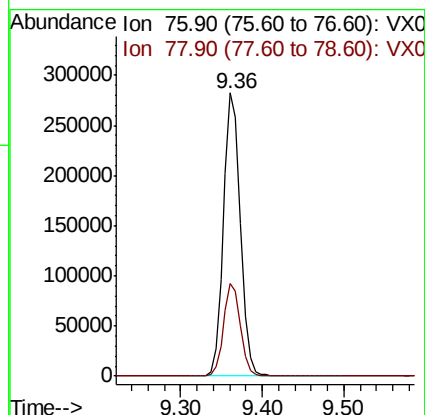
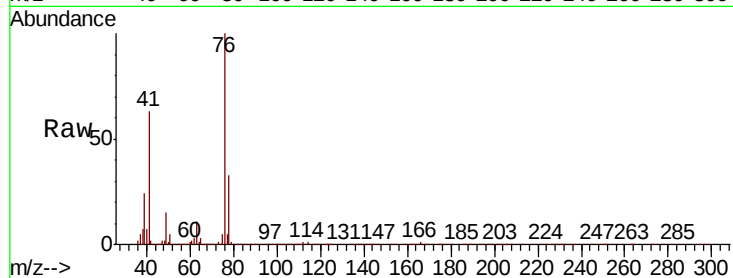
ClientSampleId :

Tot Ion: 76 Resp: 406761

Ion Ratio Lower Upper

76 100

78 32.8 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 255.825 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014671.D

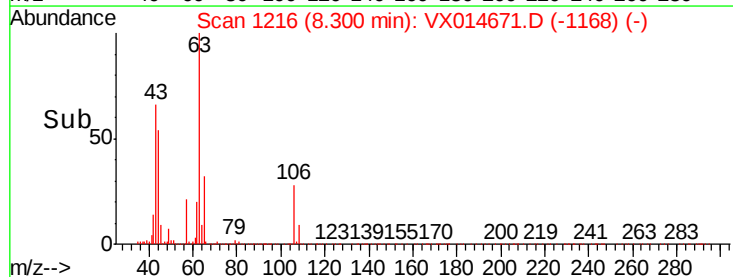
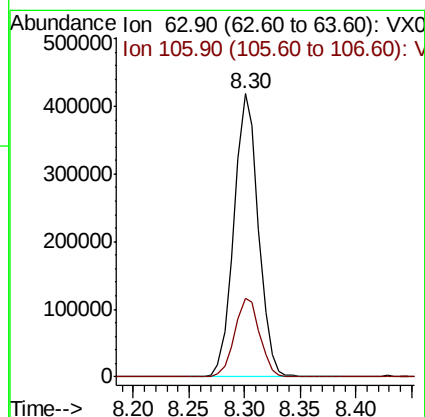
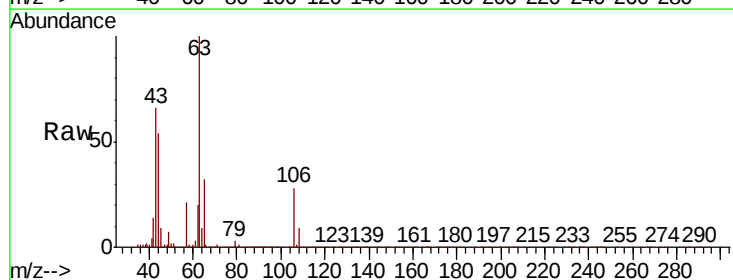
Acq: 20 Jan 2020 16:43

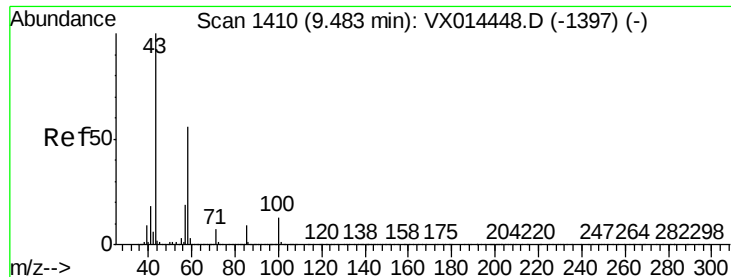
Tgt Ion: 63 Resp: 635525

Ion Ratio Lower Upper

63 100

106 28.5 23.6 35.4

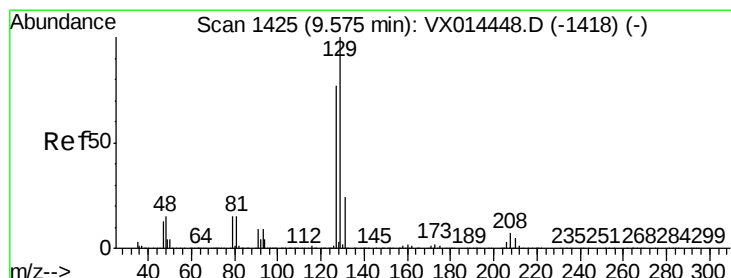
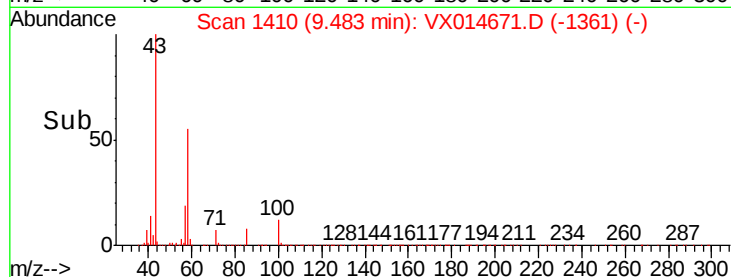
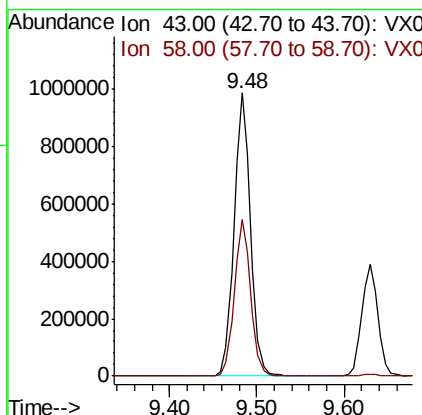
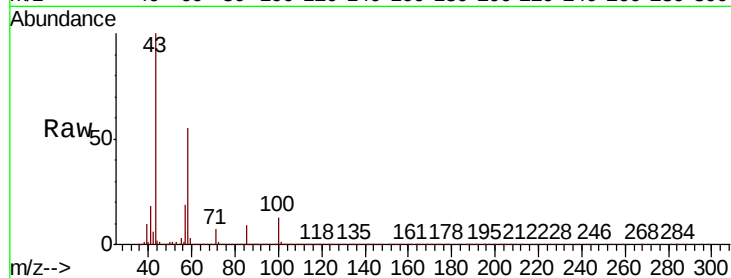




#59
2-Hexanone
Concen: 246.062 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX014671.D
Acq: 20 Jan 2020 16:43

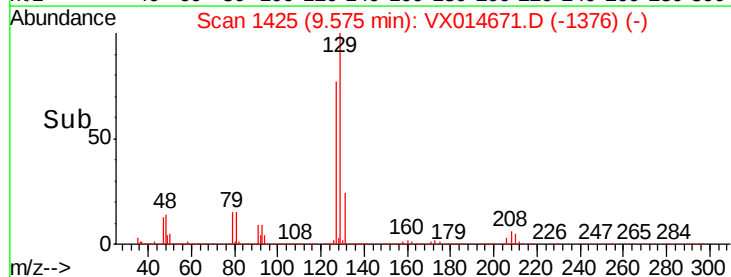
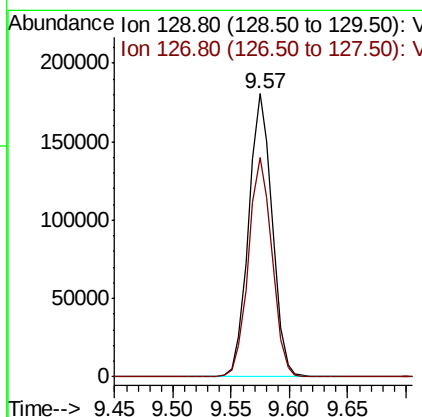
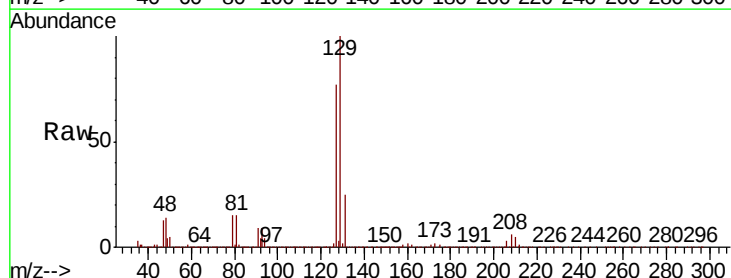
Instrument :
MSVOA_X
ClientSampleId :

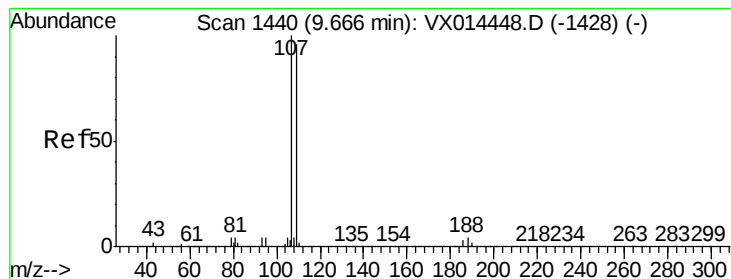
Tot Ion: 43 Resp: 1300107
Ion Ratio Lower Upper
43 100
58 54.9 27.9 83.7



#60
Dibromochloromethane
Concen: 53.606 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX014671.D
Acq: 20 Jan 2020 16:43

Tgt Ion: 129 Resp: 256784
Ion Ratio Lower Upper
129 100
127 77.6 38.6 116.0





#61

1,2-Dibromoethane

Concen: 49.798 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX014671.D

Acq: 20 Jan 2020 16:43

Instrument :

MSVOA_X

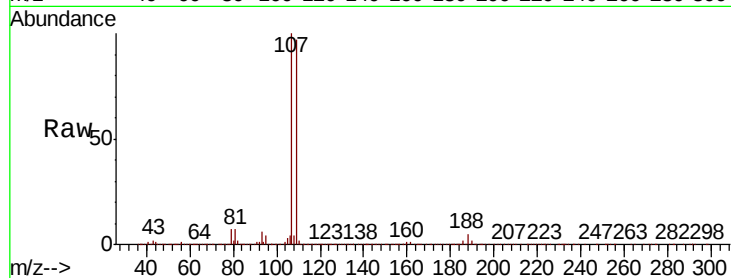
ClientSampleId :

Tot Ion: 107 Resp: 251400

Ion Ratio Lower Upper

107 100

109 96.0 76.5 114.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

200000

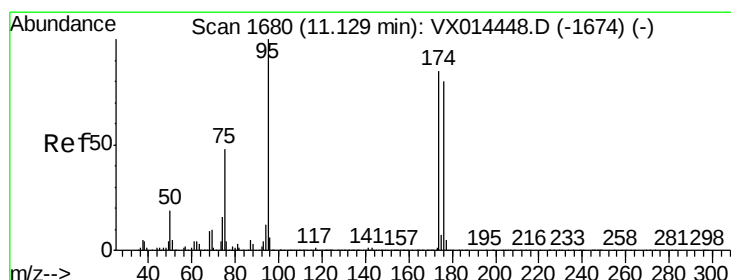
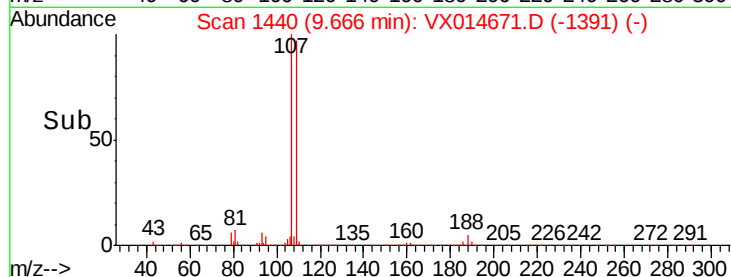
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.118 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX014671.D

Acq: 20 Jan 2020 16:43

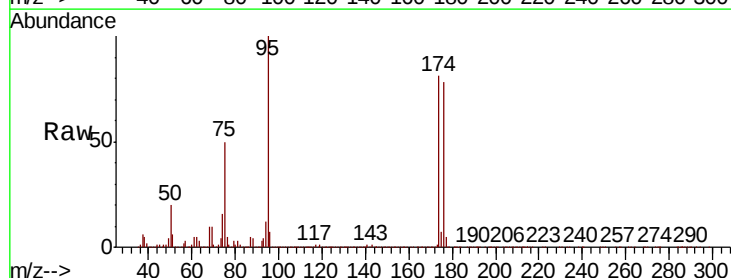
Tgt Ion: 95 Resp: 287029

Ion Ratio Lower Upper

95 100

174 88.7 0.0 180.8

176 87.5 0.0 172.8



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

300000

250000

200000

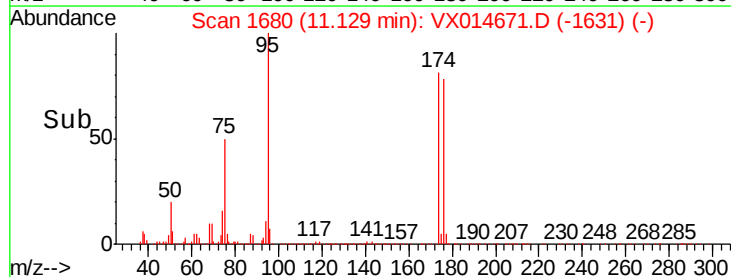
150000

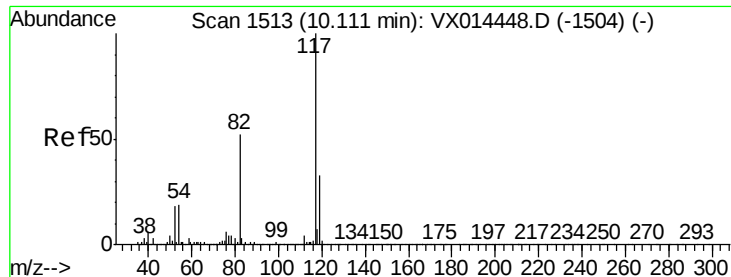
100000

50000

0

Time-->

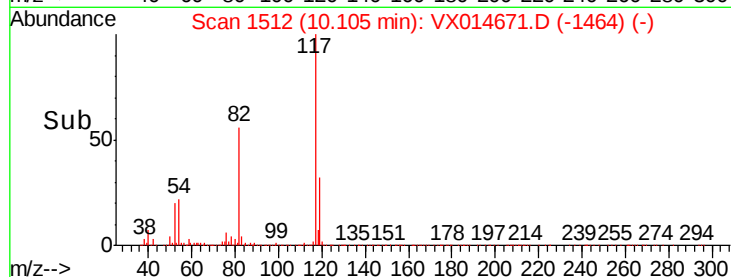
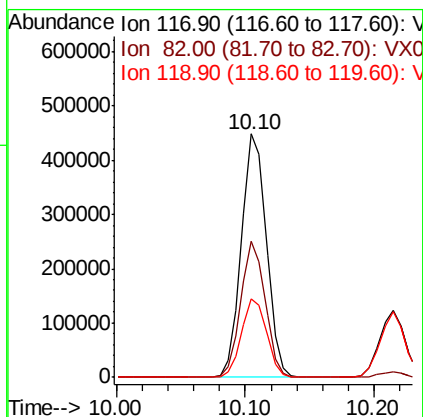
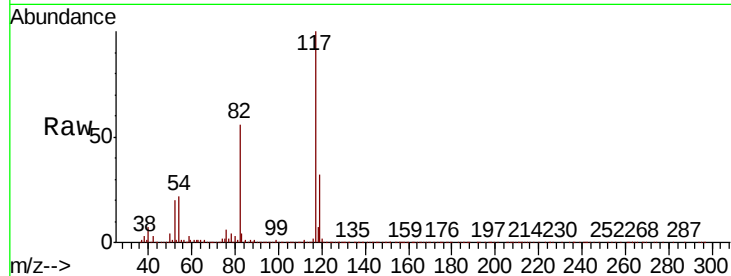




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014671.D
Acq: 20 Jan 2020 16:43

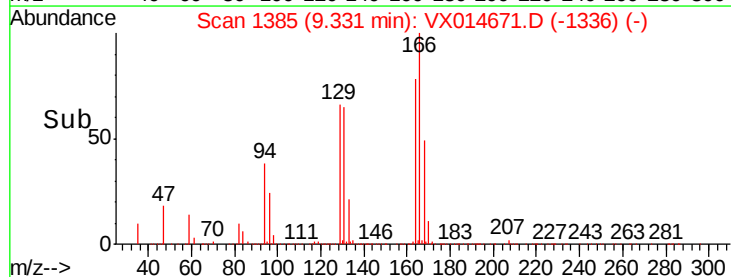
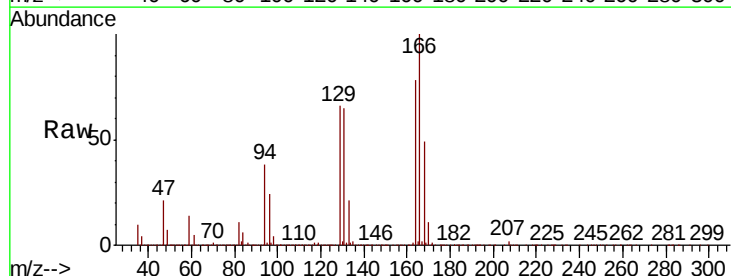
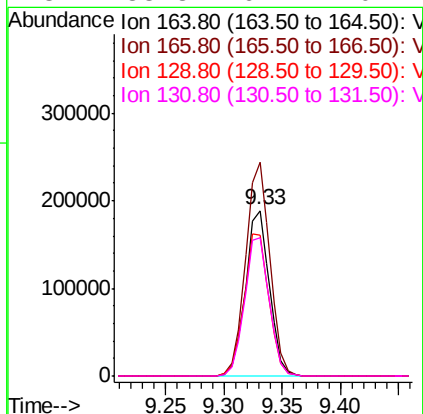
Instrument :
MSVOA_X
ClientSampleId :

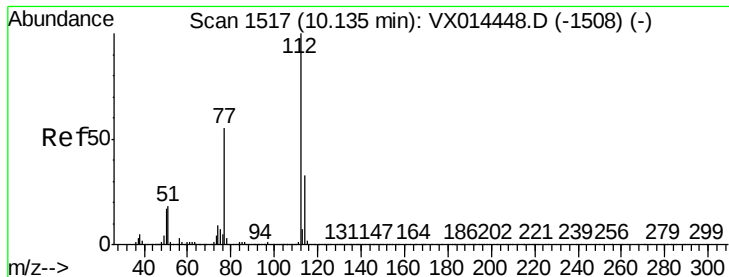
Tot Ion:117 Resp: 602312
Ion Ratio Lower Upper
117 100
82 55.7 41.8 62.6
119 32.4 26.2 39.4



#64
Tetrachloroethene
Concen: 44.888 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX014671.D
Acq: 20 Jan 2020 16:43

Tgt Ion:164 Resp: 270967
Ion Ratio Lower Upper
164 100
166 128.8 101.2 151.8
129 85.2 68.3 102.5
131 83.3 67.4 101.2





#65

Chlorobenzene

Concen: 49.165 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014671.D

Acq: 20 Jan 2020 16:43

Instrument :

MSVOA_X

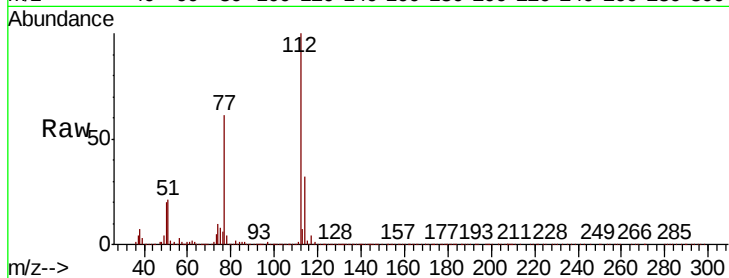
ClientSampleId :

Tot Ion:112 Resp: 642641

Ion Ratio Lower Upper

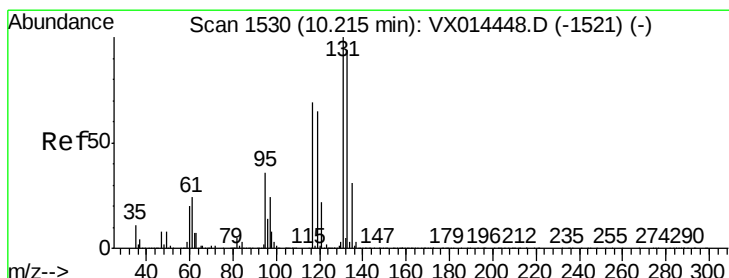
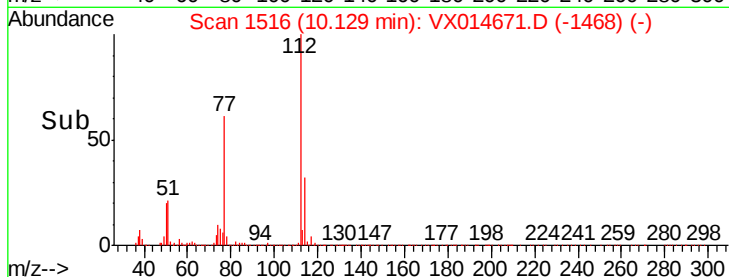
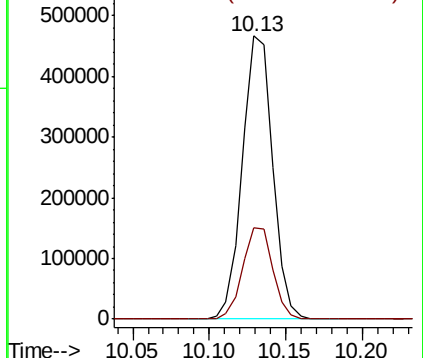
112 100

114 32.3 26.2 39.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 51.691 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX014671.D

Acq: 20 Jan 2020 16:43

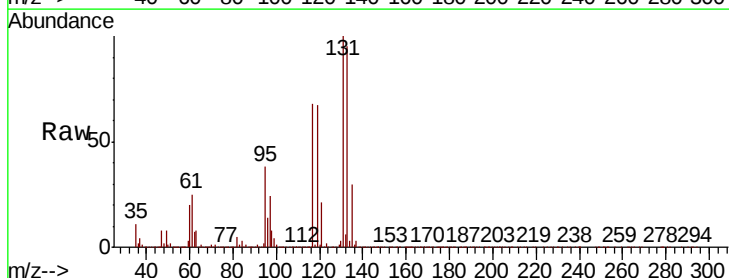
Tgt Ion:131 Resp: 241125

Ion Ratio Lower Upper

131 100

133 96.0 47.3 142.0

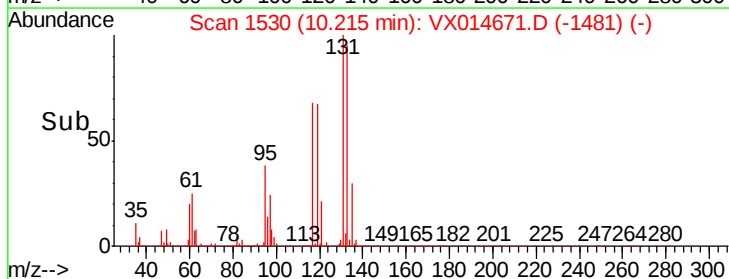
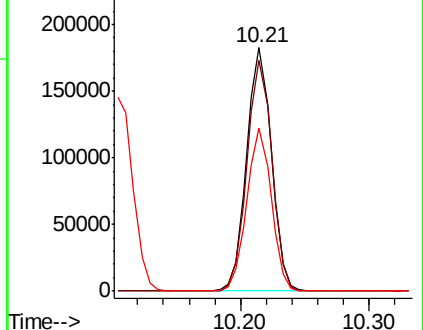
119 66.4 32.8 98.4



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 51.252 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX014671.D

Acq: 20 Jan 2020 16:43

Instrument :

MSVOA_X

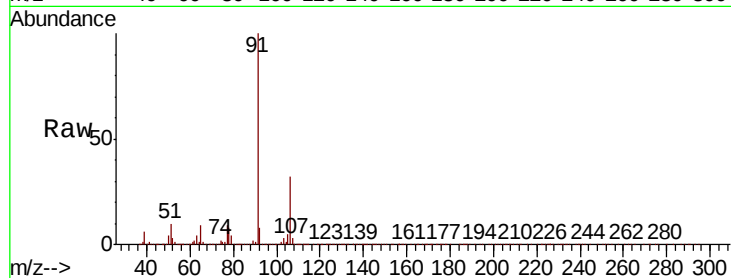
ClientSampleId :

Tot Ion: 91 Resp: 1141856

Ion Ratio Lower Upper

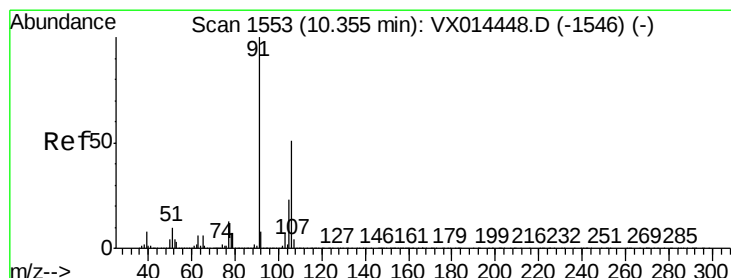
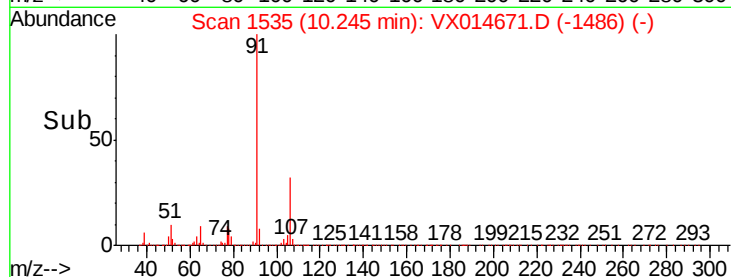
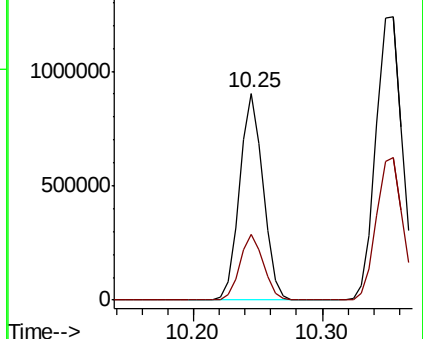
91 100

106 31.6 25.6 38.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 101.049 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX014671.D

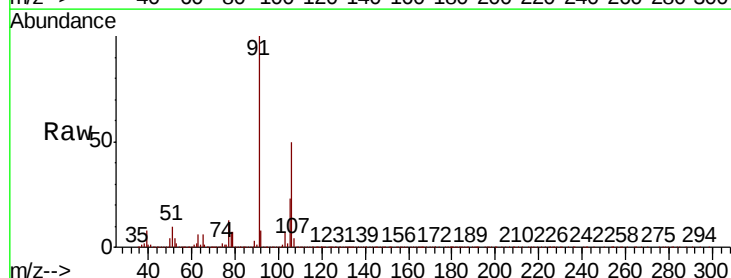
Acq: 20 Jan 2020 16:43

Tgt Ion: 106 Resp: 868527

Ion Ratio Lower Upper

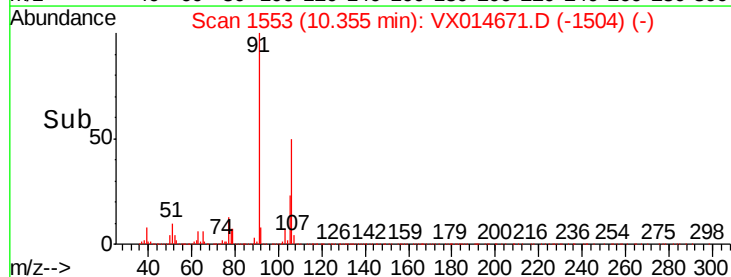
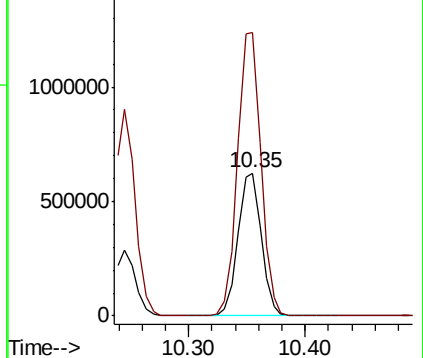
106 100

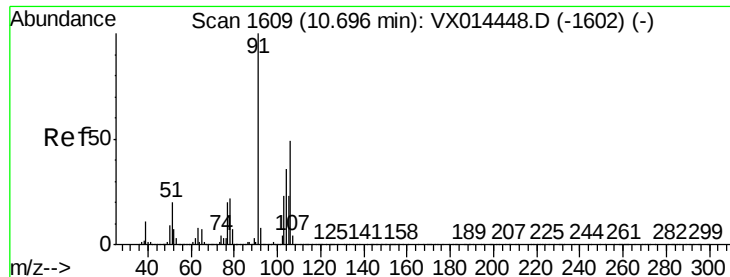
91 200.6 157.4 236.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

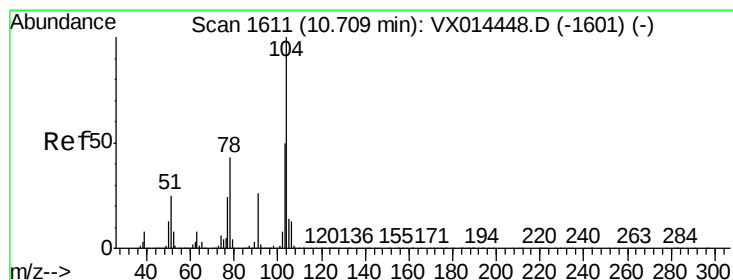
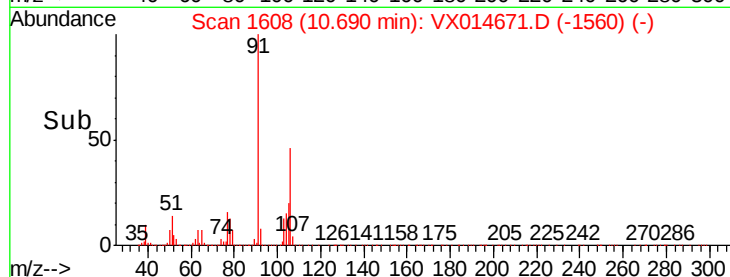
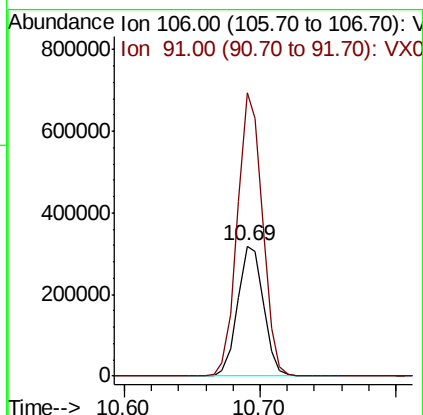
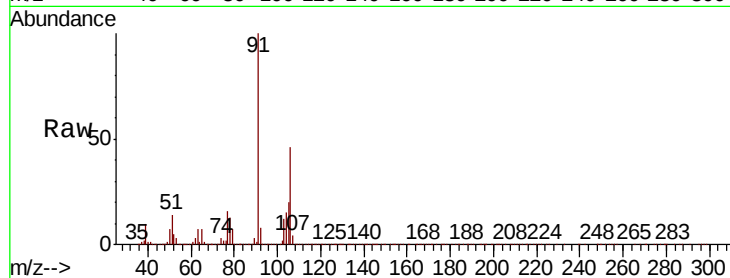




#69
o-Xylene
Concen: 51.196 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014671.D
Acq: 20 Jan 2020 16:43

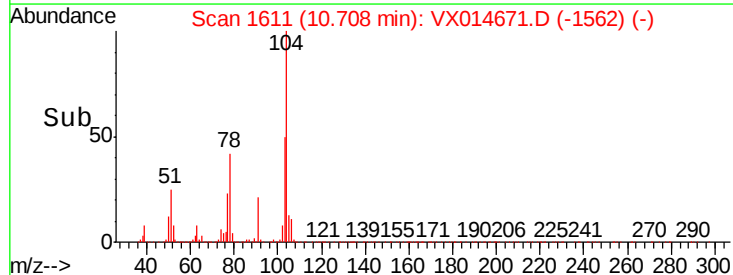
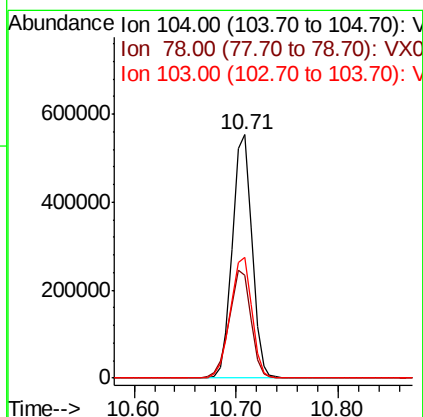
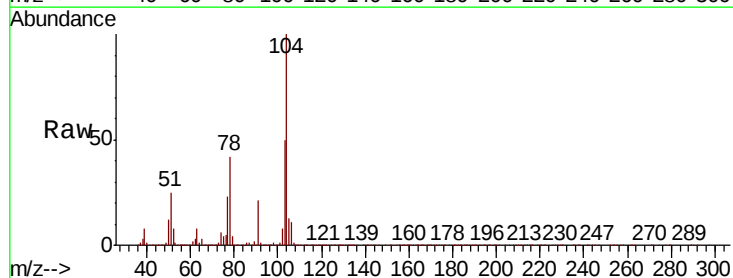
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 419851
Ion Ratio Lower Upper
106 100
91 211.8 105.1 315.1



#70
Styrene
Concen: 51.560 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX014671.D
Acq: 20 Jan 2020 16:43

Tgt Ion:104 Resp: 729710
Ion Ratio Lower Upper
104 100
78 49.0 38.6 58.0
103 54.6 43.7 65.5





#71

Bromoform

Concen: 52.420 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VX014671.D

Acq: 20 Jan 2020 16:43

Instrument :

MSVOA_X

ClientSampleId :

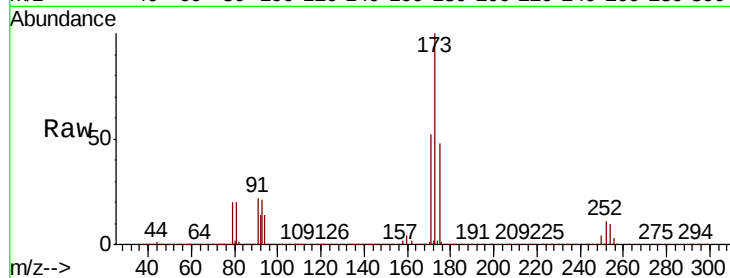
Tot Ion:173 Resp: 200065

Ion Ratio Lower Upper

173 100

175 48.2 24.3 72.8

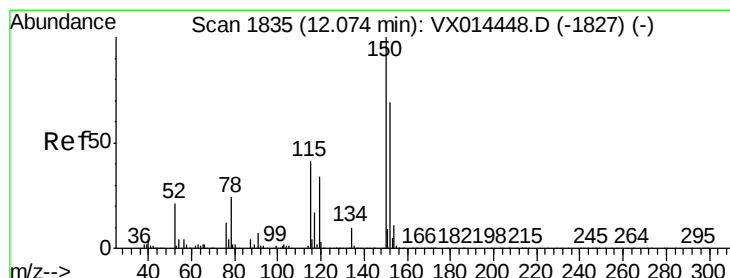
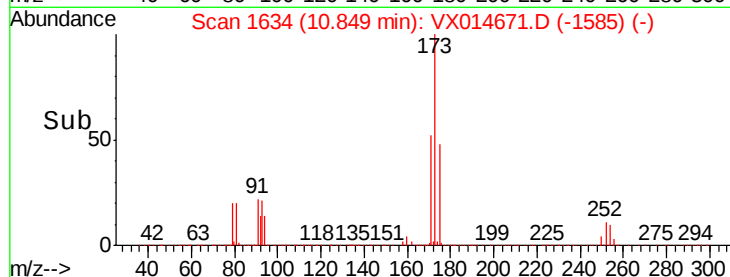
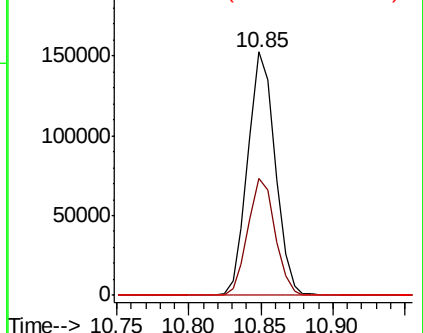
254 0.3 0.2 0.2#



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: VX014671.D

Acq: 20 Jan 2020 16:43

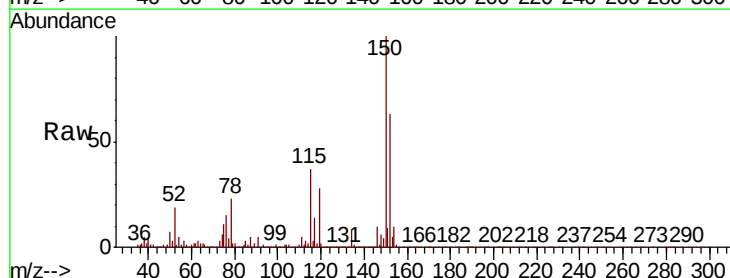
Tgt Ion:152 Resp: 310759

Ion Ratio Lower Upper

152 100

115 79.2 39.5 118.3

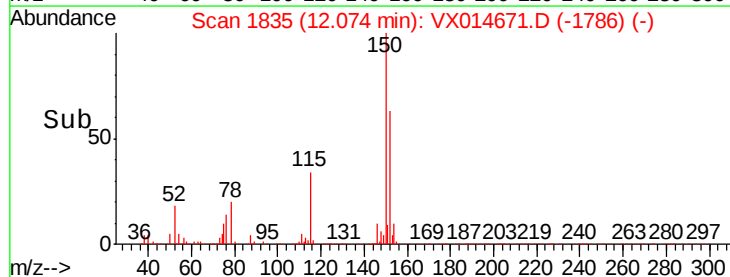
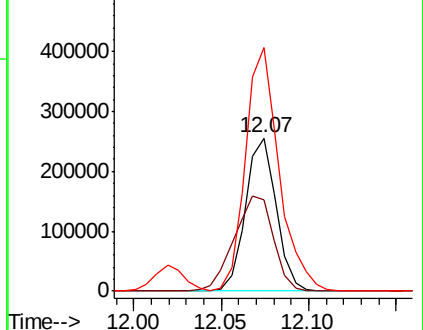
150 174.7 0.0 350.2

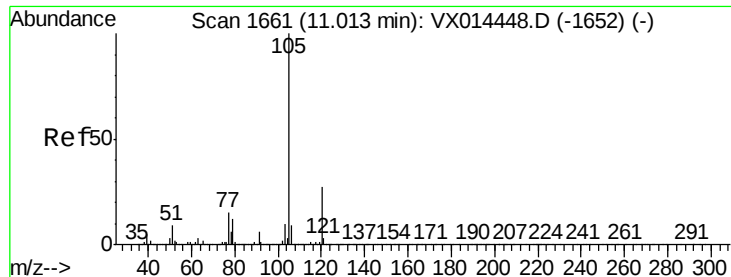


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.605 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX014671.D

Acq: 20 Jan 2020 16:43

Instrument :

MSVOA_X

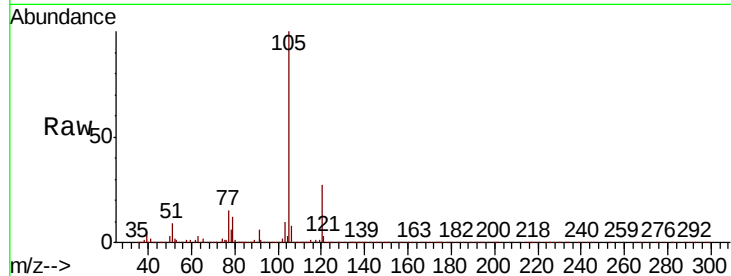
ClientSampleId :

Tot Ion:105 Resp: 1126124

Ion Ratio Lower Upper

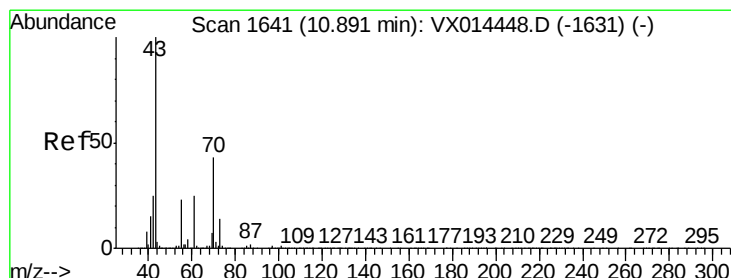
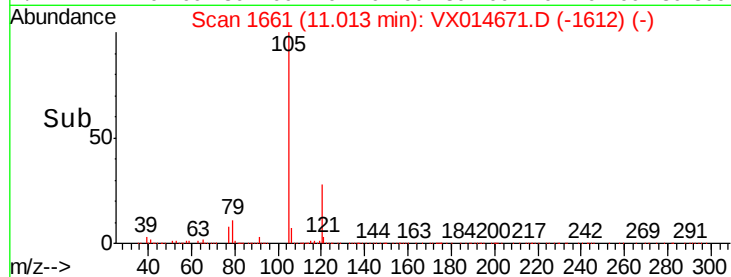
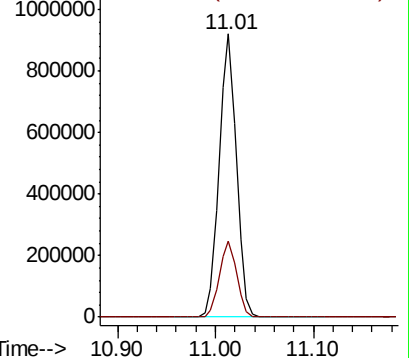
105 100

120 26.9 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.935 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX014671.D

Acq: 20 Jan 2020 16:43

Tgt Ion: 43 Resp: 490381

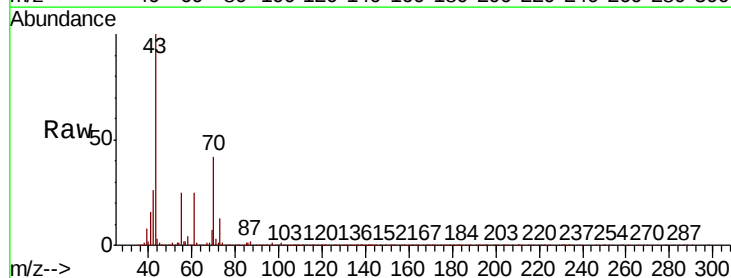
Ion Ratio Lower Upper

43 100

70 42.5 35.1 52.7

55 24.4 19.3 28.9

61 24.7 20.0 30.0

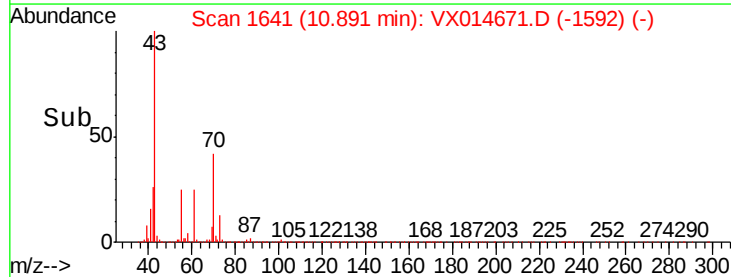
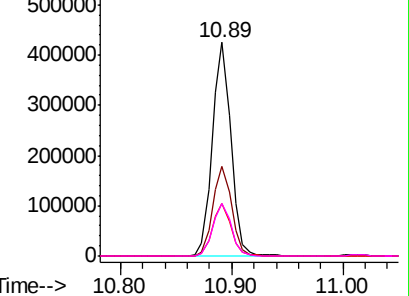


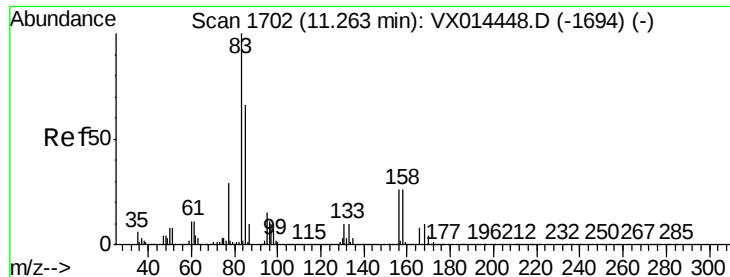
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 51.459 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX014671.D

Acq: 20 Jan 2020 16:43

Instrument :

MSVOA_X

ClientSampleId :

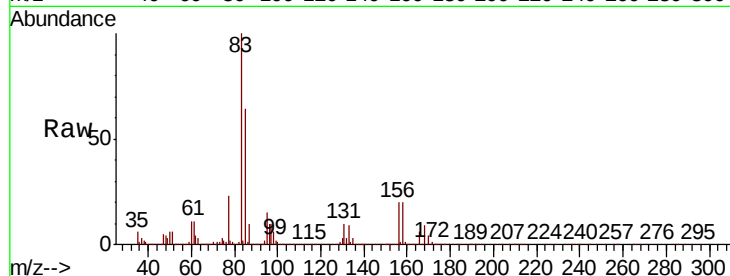
Tot Ion: 83 Resp: 360120

Ion Ratio Lower Upper

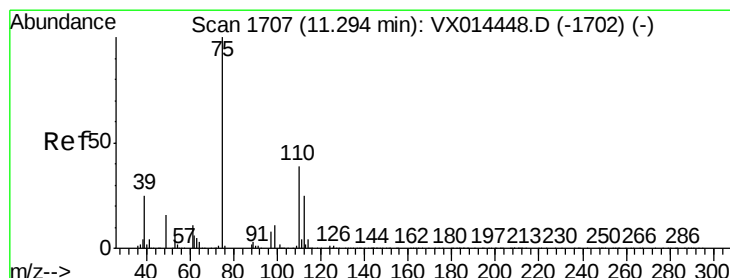
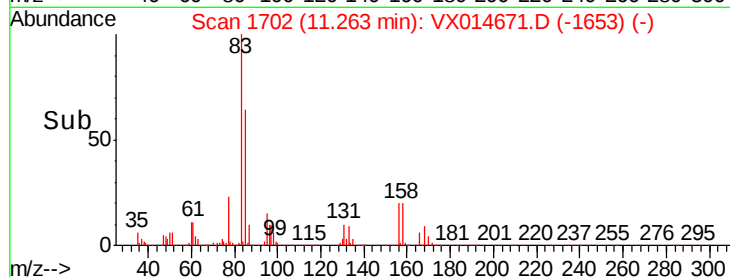
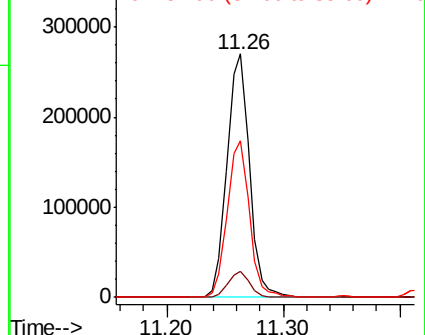
83 100

131 10.3 5.1 15.4

85 64.1 32.5 97.4



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: 67.040 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014671.D

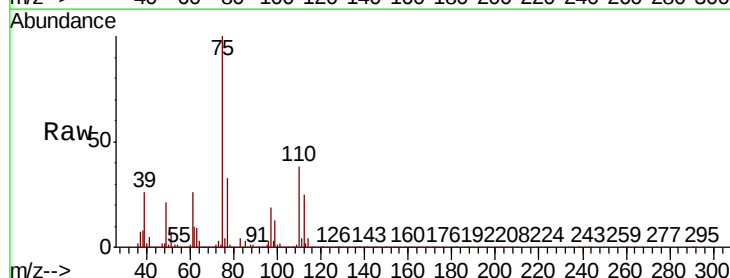
Acq: 20 Jan 2020 16:43

Tgt Ion: 75 Resp: 431043

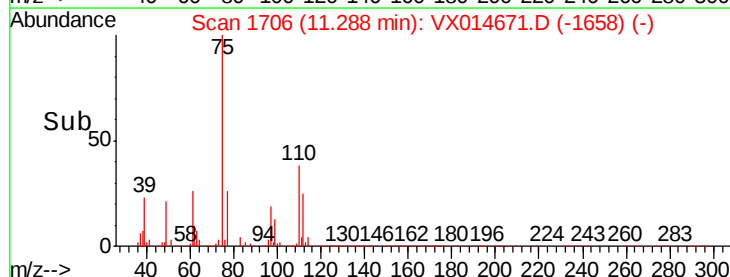
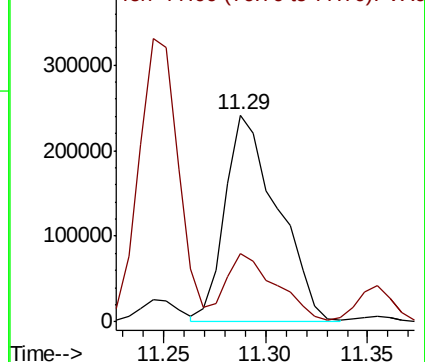
Ion Ratio Lower Upper

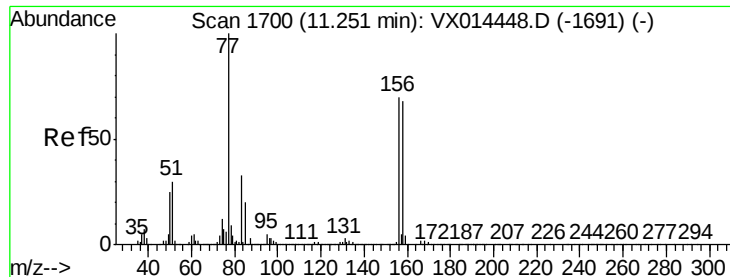
75 100

77 31.7 21.9 65.7



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.882 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014671.D

Acq: 20 Jan 2020 16:43

Instrument :

MSVOA_X

ClientSampleId :

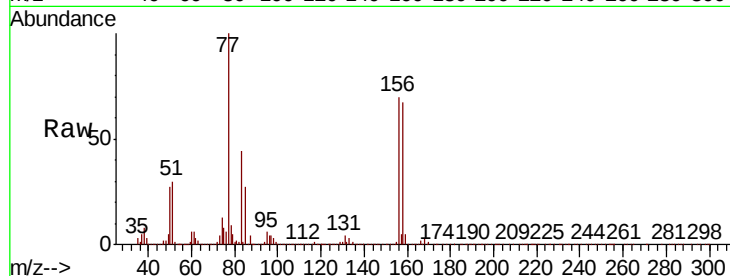
Tot Ion:156 Resp: 289767

Ion Ratio Lower Upper

156 100

77 152.3 75.4 226.3

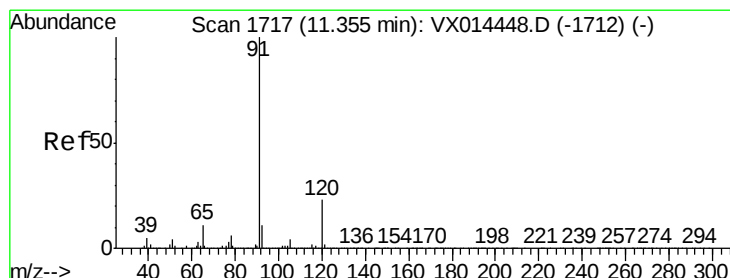
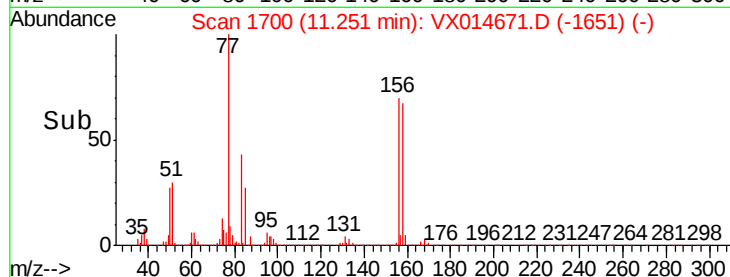
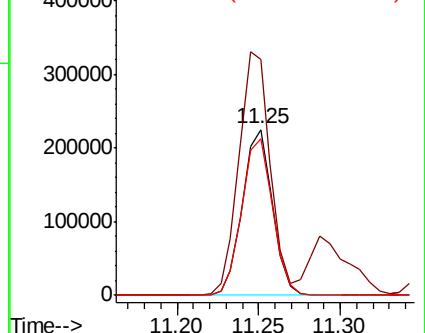
158 97.5 48.8 146.3



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: 52.218 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX014671.D

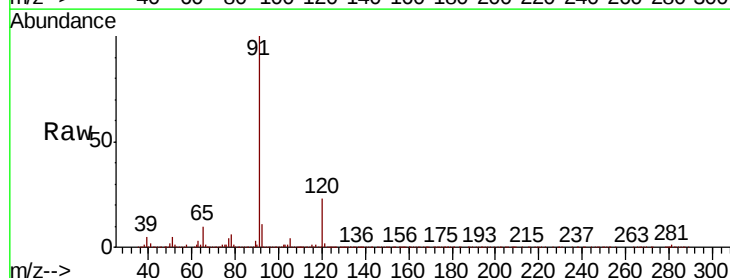
Acq: 20 Jan 2020 16:43

Tgt Ion: 91 Resp: 1304998

Ion Ratio Lower Upper

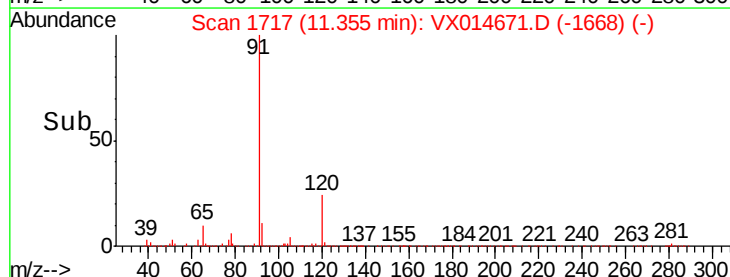
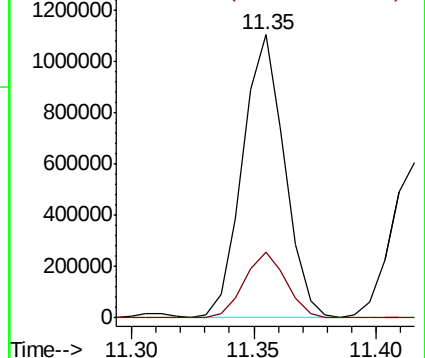
91 100

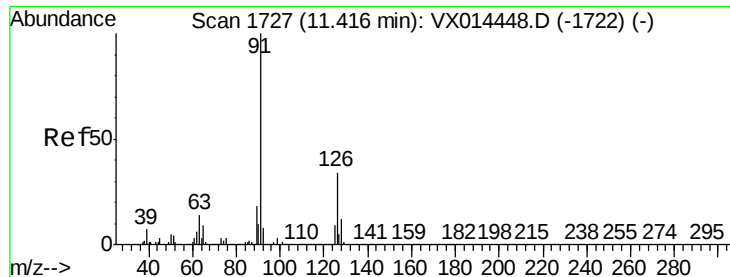
120 23.2 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.486 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX014671.D

Acq: 20 Jan 2020 16:43

Instrument :

MSVOA_X

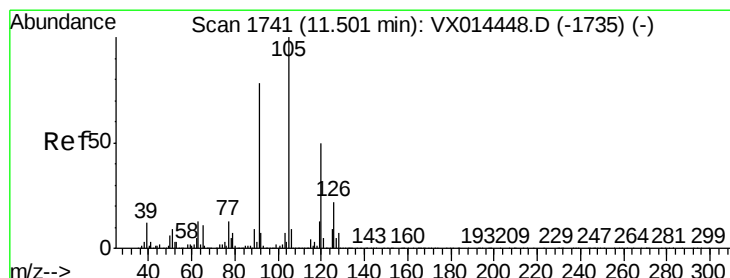
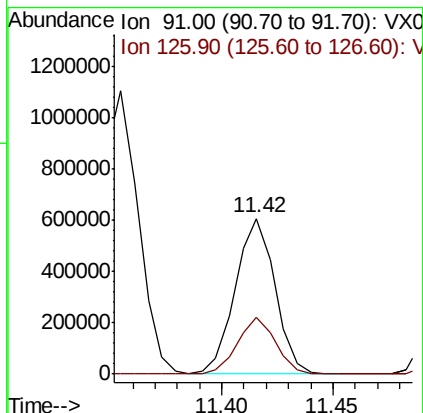
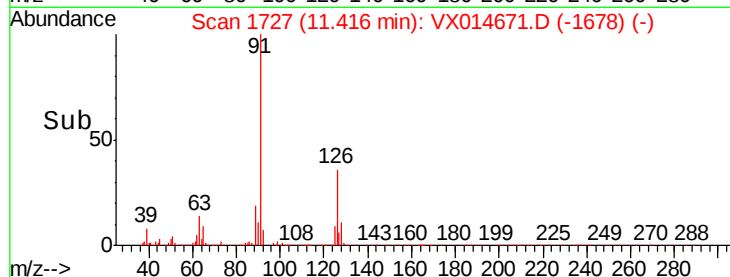
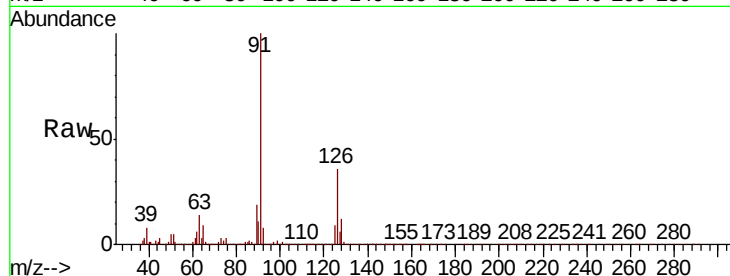
ClientSampleId :

Tot Ion: 91 Resp: 751977

Ion Ratio Lower Upper

91 100

126 35.2 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 52.127 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX014671.D

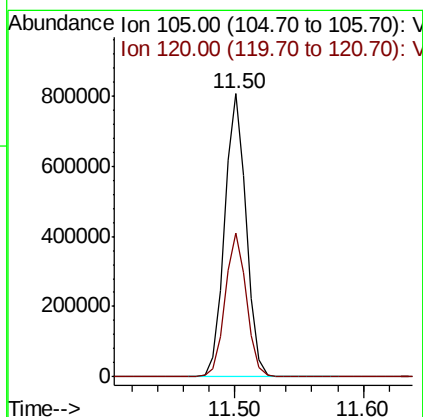
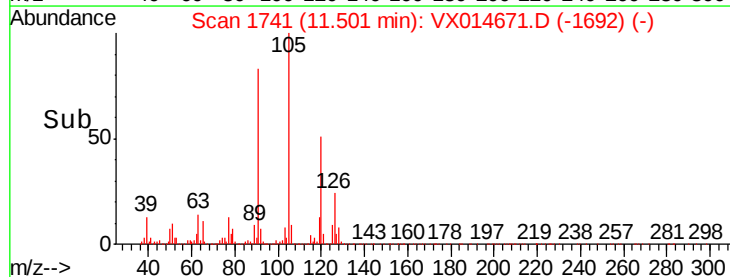
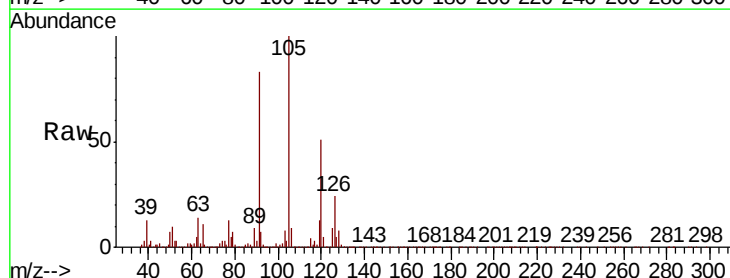
Acq: 20 Jan 2020 16:43

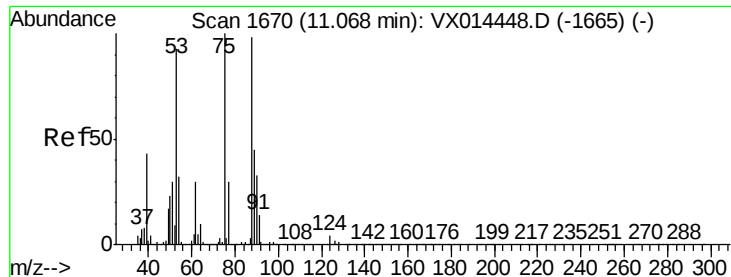
Tgt Ion: 105 Resp: 944412

Ion Ratio Lower Upper

105 100

120 50.3 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 51.814 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX014671.D

Acq: 20 Jan 2020 16:43

Instrument :

MSVOA_X

ClientSampleId :

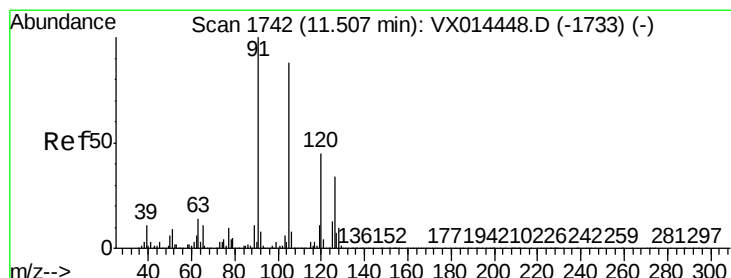
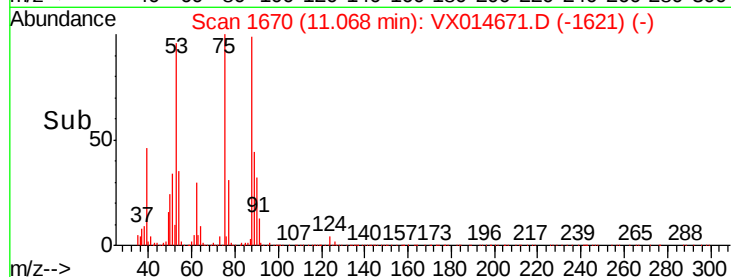
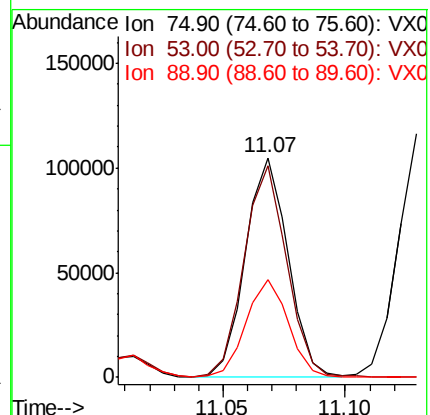
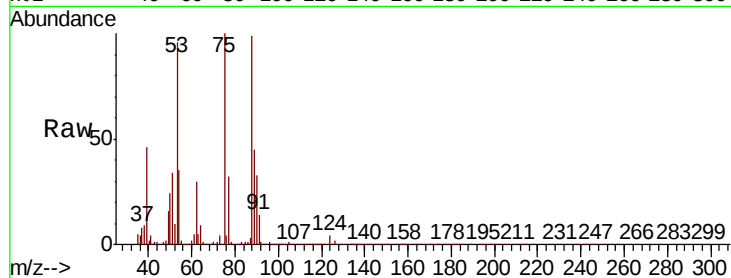
Tot Ion: 75 Resp: 126010

Ion Ratio Lower Upper

75 100

53 96.1 74.8 112.2

89 44.5 36.3 54.5



#82

4-Chlorotoluene

Concen: 50.696 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX014671.D

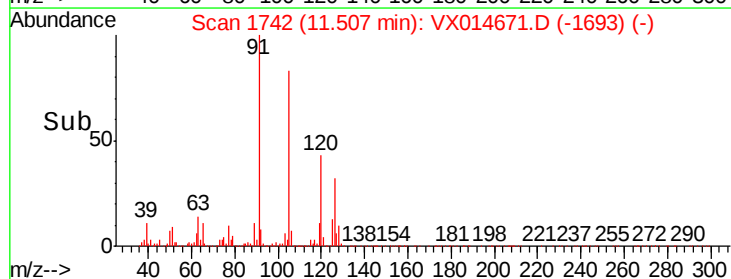
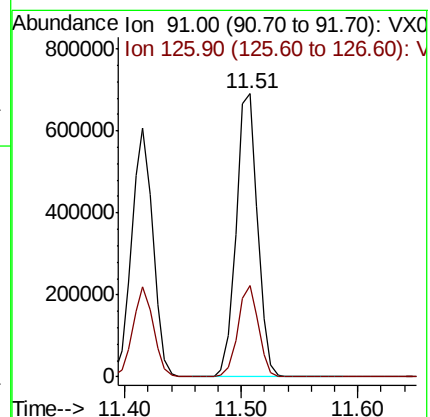
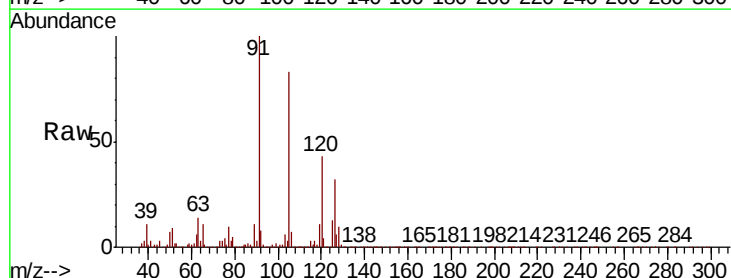
Acq: 20 Jan 2020 16:43

Tgt Ion: 91 Resp: 886354

Ion Ratio Lower Upper

91 100

126 30.9 15.9 47.7

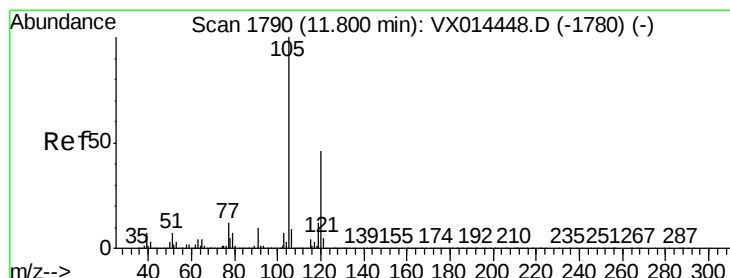
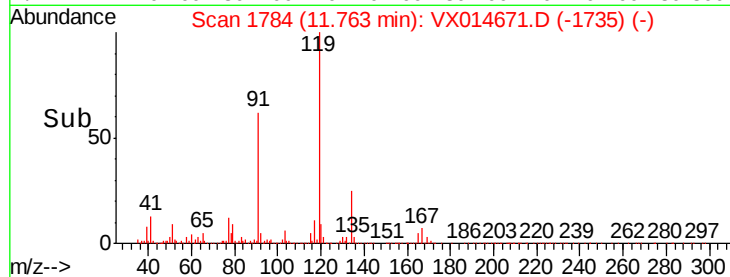
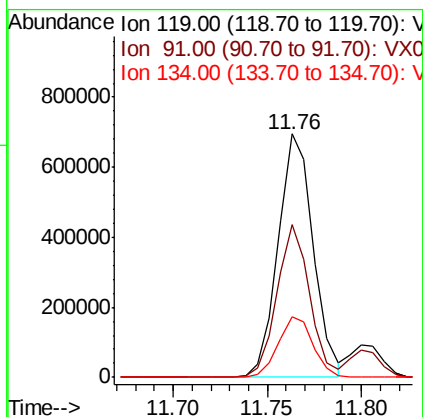
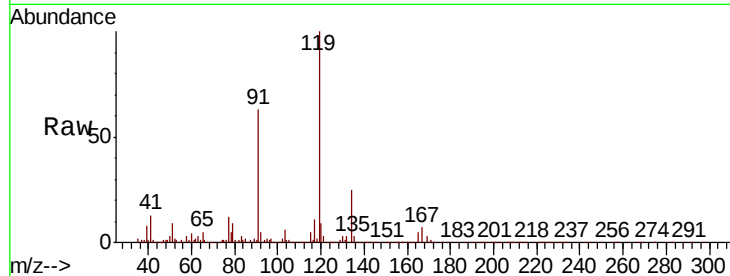




#83
tert-Butylbenzene
Concen: 52.478 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX014671.D
Acq: 20 Jan 2020 16:43

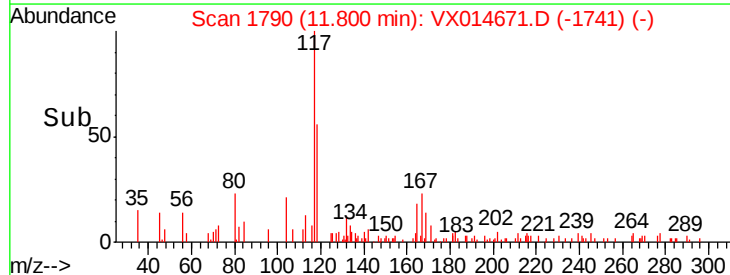
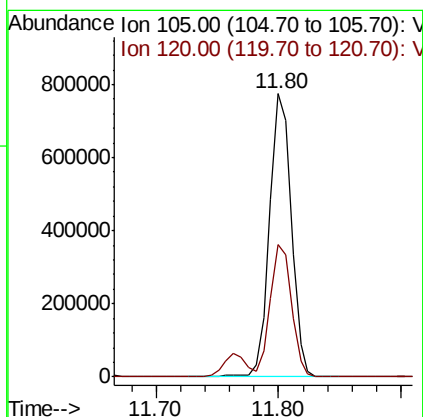
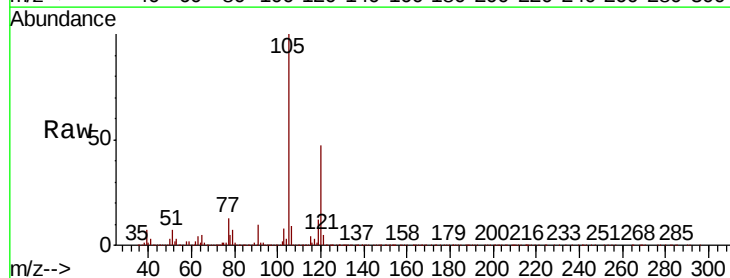
Instrument :
MSVOA_X
ClientSampleId :

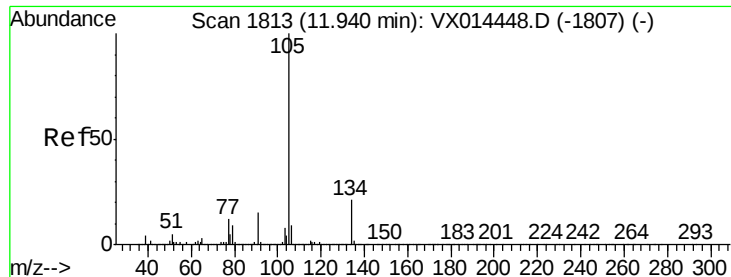
Tot Ion	Ratio	Lower	Upper
119	100		
91	58.3	29.3	88.0
134	24.4	12.4	37.4



#84
1,2,4-Trimethylbenzene
Concen: 52.298 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX014671.D
Acq: 20 Jan 2020 16:43

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.6	23.1	69.3





#85

sec-Butylbenzene

Concen: 52.421 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX014671.D

Acq: 20 Jan 2020 16:43

Instrument :

MSVOA_X

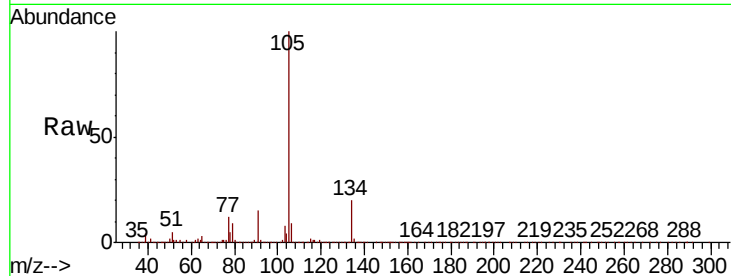
ClientSampleId :

Tot Ion:105 Resp: 1115563

Ion Ratio Lower Upper

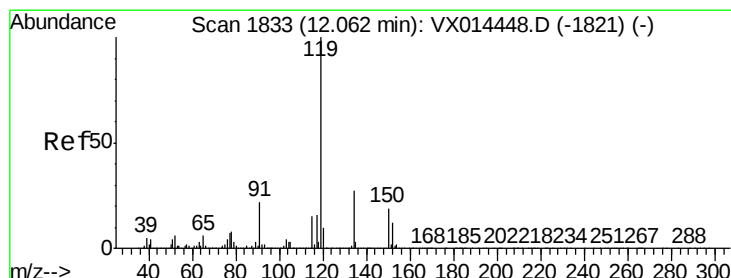
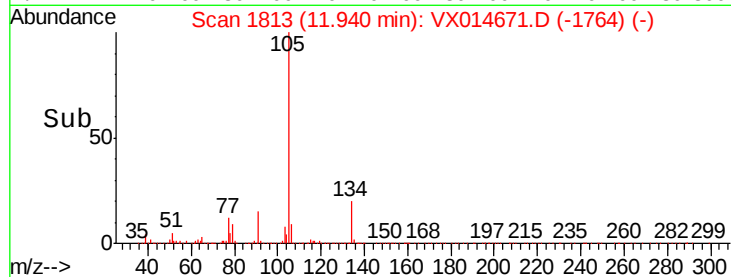
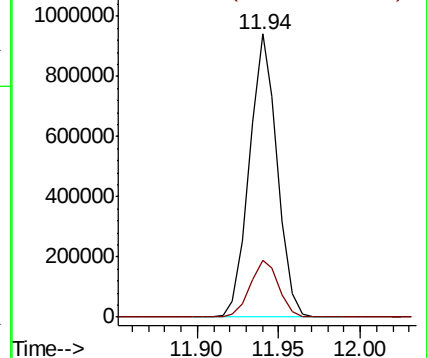
105 100

134 20.8 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.842 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014671.D

Acq: 20 Jan 2020 16:43

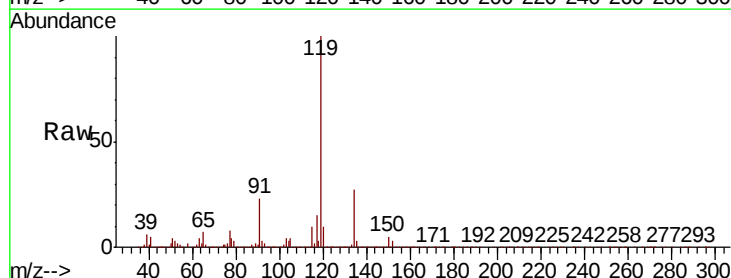
Tgt Ion:119 Resp: 1023756

Ion Ratio Lower Upper

119 100

134 26.9 13.5 40.4

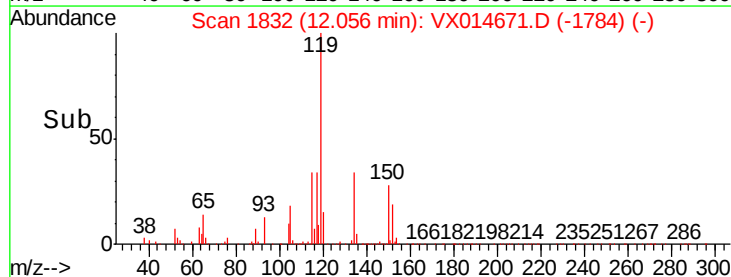
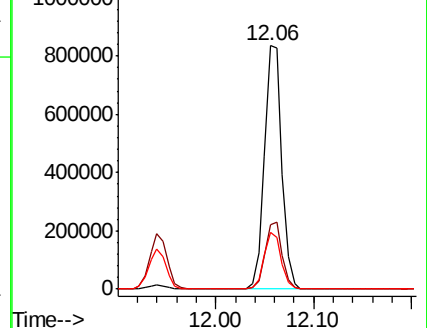
91 22.8 11.1 33.3

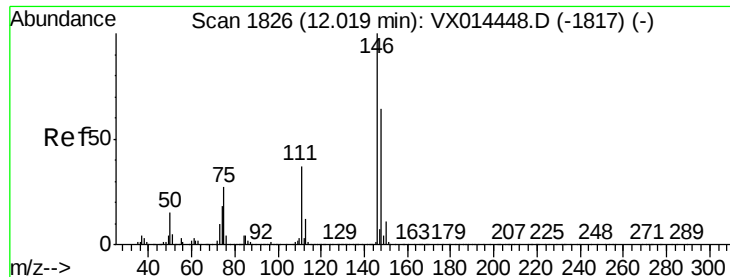


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 47.977 ug/l

RT: 12.02 min Scan# 1826

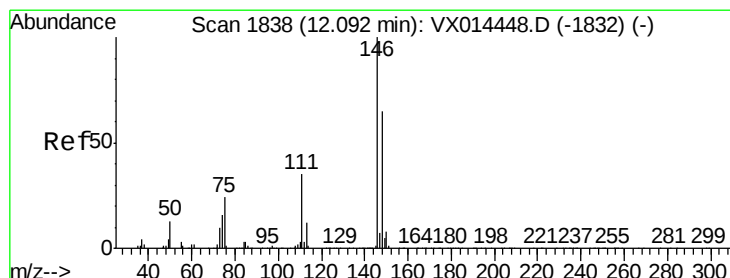
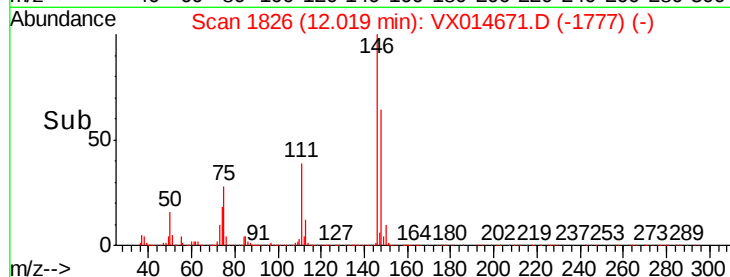
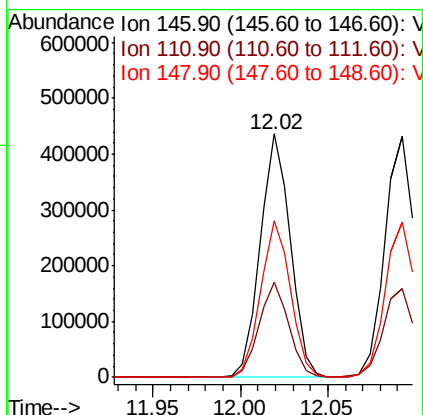
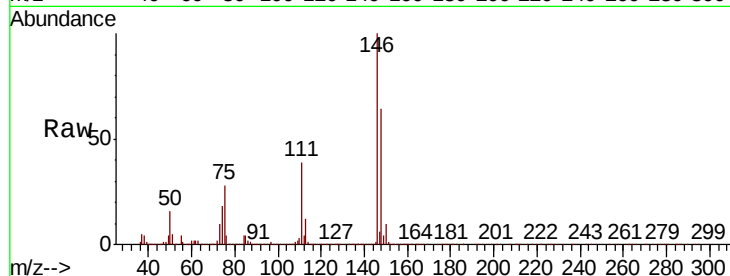
Delta R.T. -0.00 min

Lab File: VX014671.D

Acq: 20 Jan 2020 16:43

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.9	56.7
148	63.9	32.2	96.6



#88

1,4-Dichlorobenzene

Concen: 50.994 ug/l

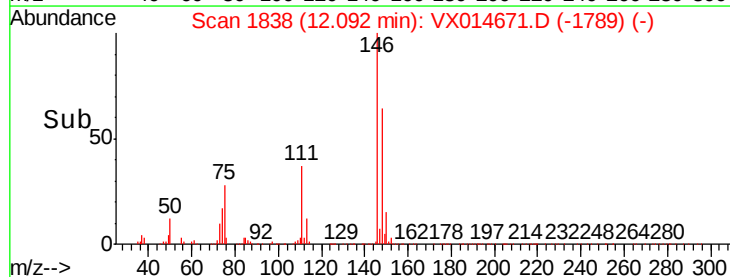
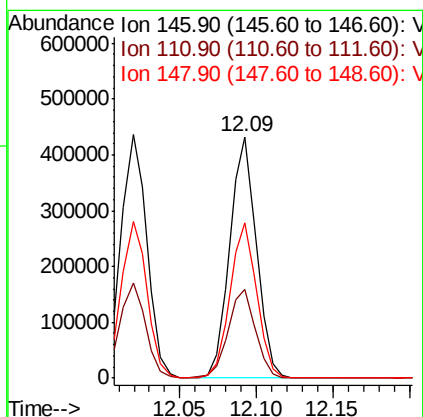
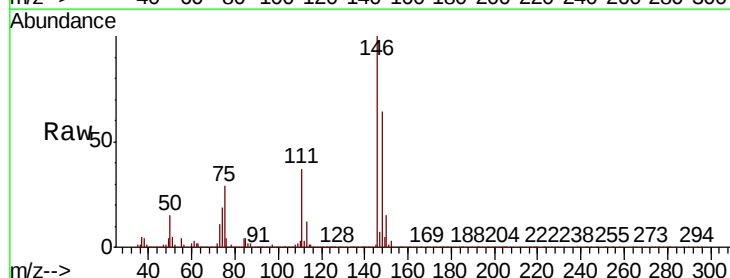
RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX014671.D

Acq: 20 Jan 2020 16:43

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.1	54.1
148	64.1	32.1	96.3

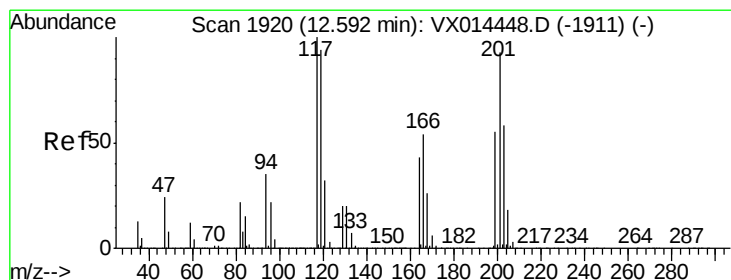
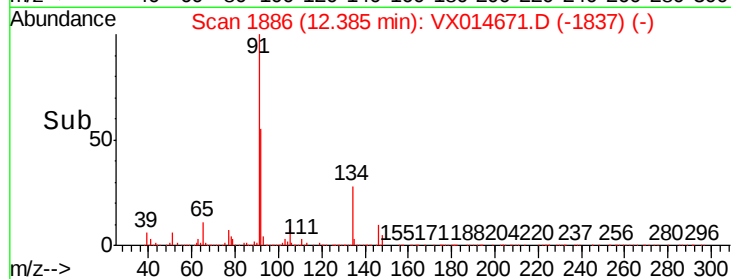
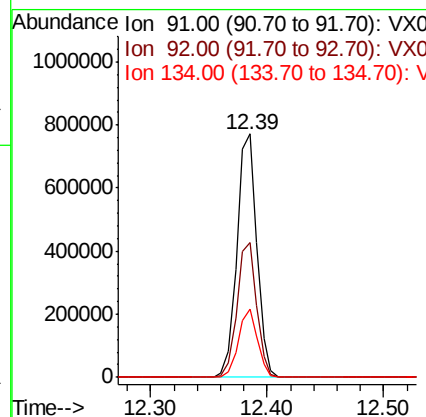
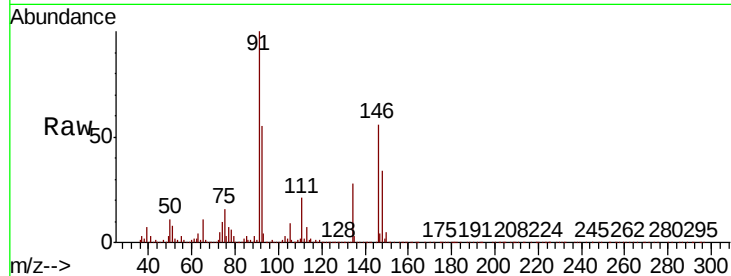




#89
n-Butylbenzene
Concen: 50.855 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX014671.D
Acq: 20 Jan 2020 16:43

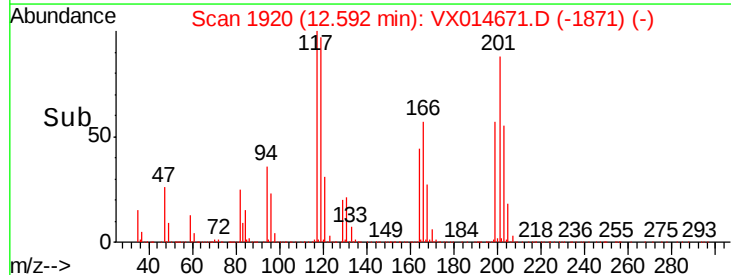
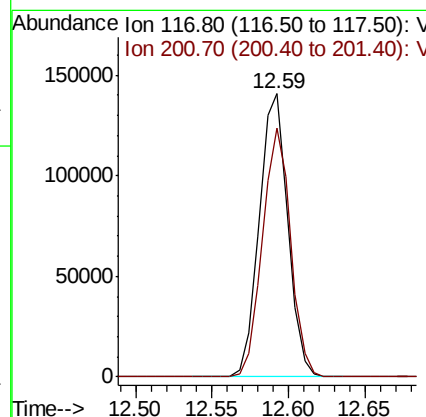
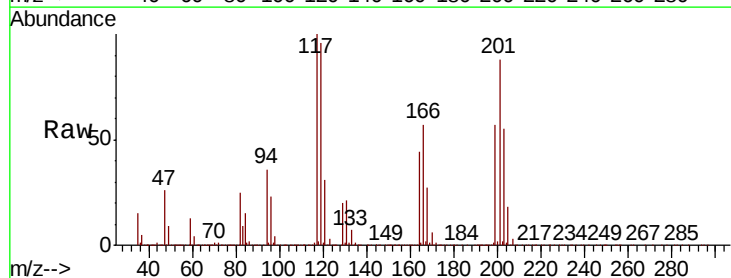
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 91 Resp: 918232
Ion Ratio Lower Upper
91 100
92 54.7 27.4 82.2
134 26.8 13.9 41.7



#90
Hexachloroethane
Concen: 52.714 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX014671.D
Acq: 20 Jan 2020 16:43

Tgt Ion: 117 Resp: 182852
Ion Ratio Lower Upper
117 100
201 87.2 44.8 134.3





#91

1,2-Dichlorobenzene

Concen: 48.883 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX014671.D

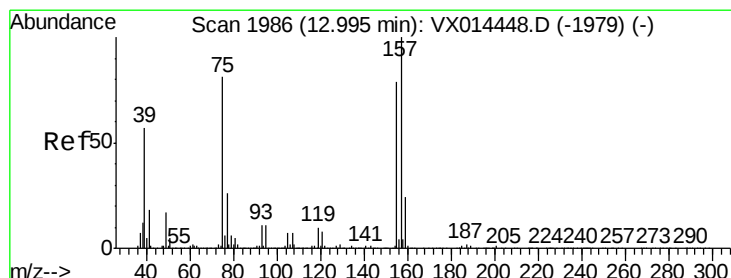
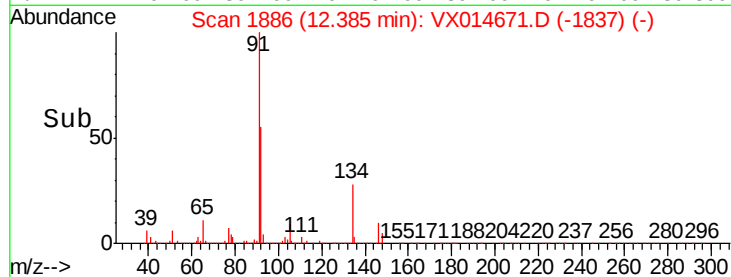
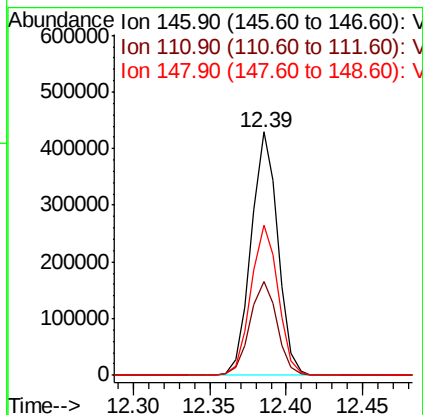
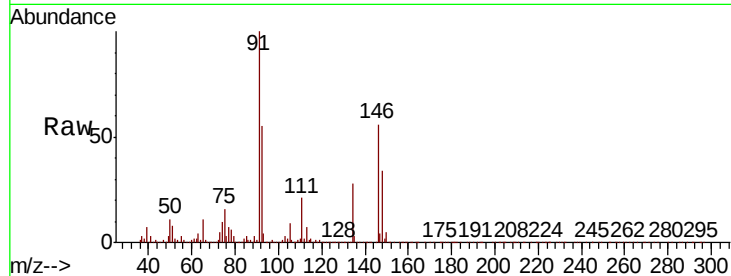
Acq: 20 Jan 2020 16:43

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:	146	Resp:	520152
Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.8	59.4
148	63.0	32.3	96.8



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.448 ug/l

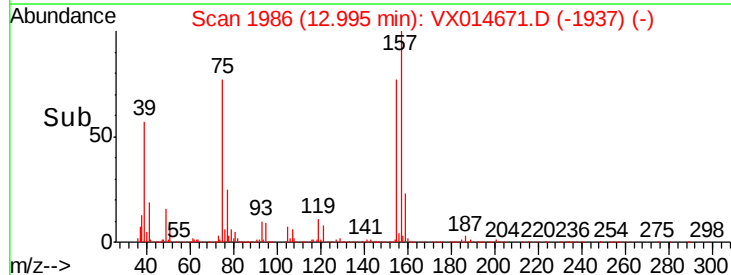
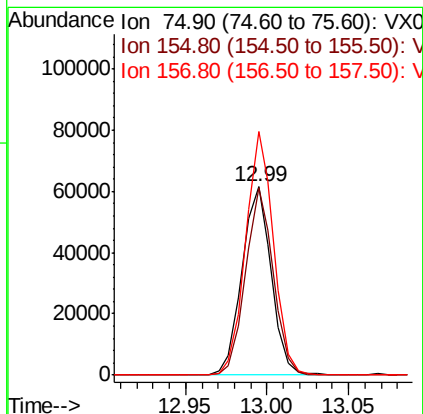
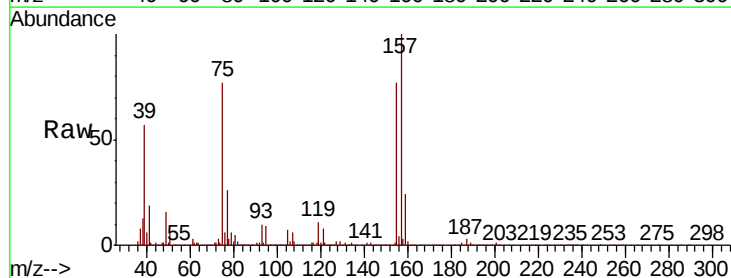
RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX014671.D

Acq: 20 Jan 2020 16:43

Tgt Ion:	75	Resp:	76266
Ion	Ratio	Lower	Upper
75	100		
155	95.3	48.7	146.1
157	124.5	62.0	185.9





#93

1,2,4-Trichlorobenzene

Concen: 48.879 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX014671.D

Acq: 20 Jan 2020 16:43

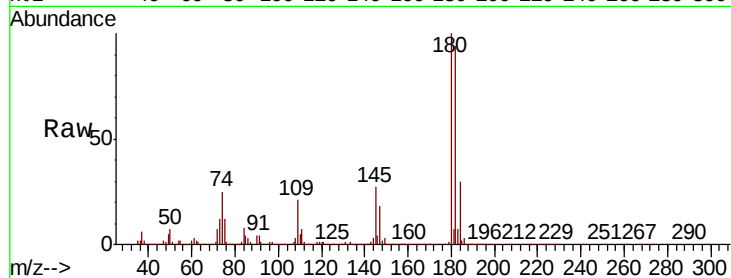
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:180 Resp: 365051

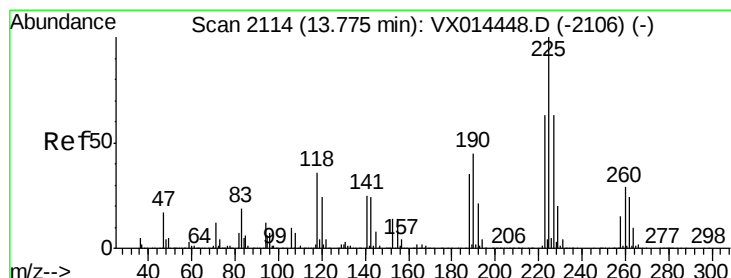
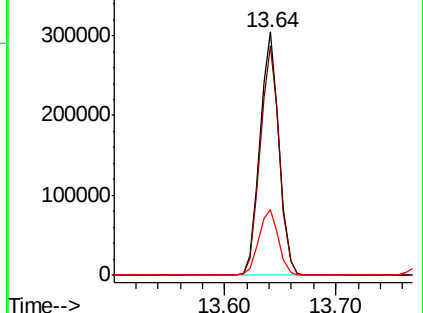
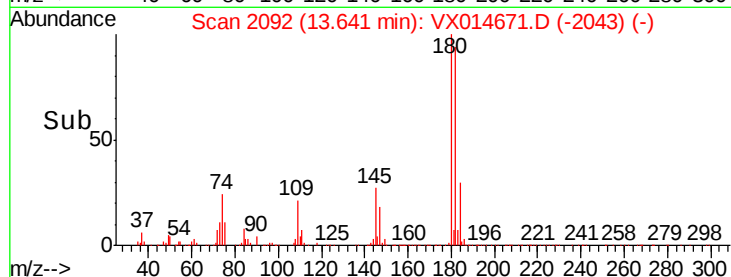
Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.5	142.5
145	27.7	13.9	41.6



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 51.128 ug/l

RT: 13.77 min Scan# 2114

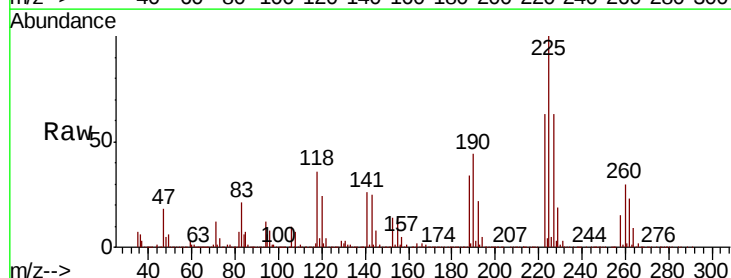
Delta R.T. -0.00 min

Lab File: VX014671.D

Acq: 20 Jan 2020 16:43

Tgt Ion:225 Resp: 178838

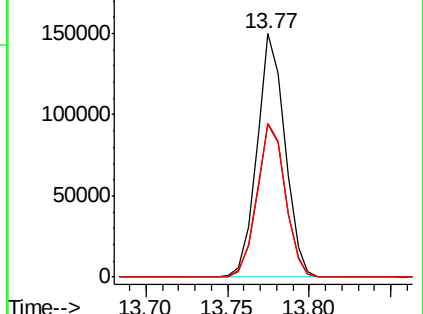
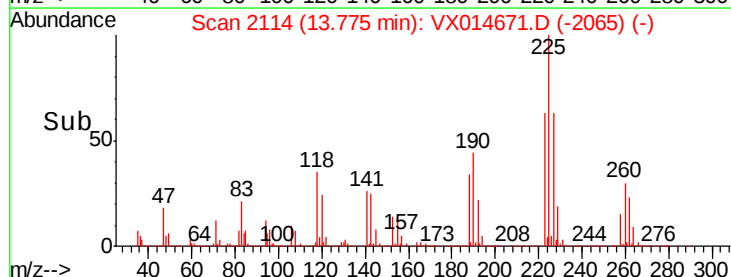
Ion	Ratio	Lower	Upper
225	100		
223	64.1	31.1	93.2
227	63.8	31.4	94.2

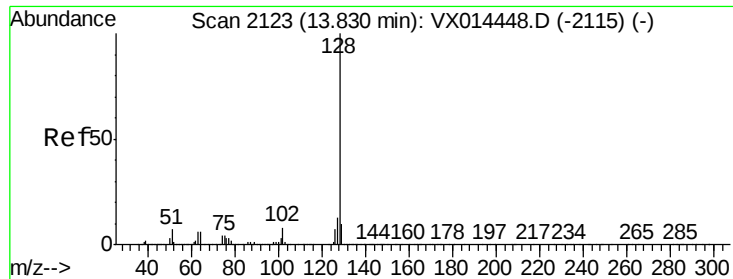


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

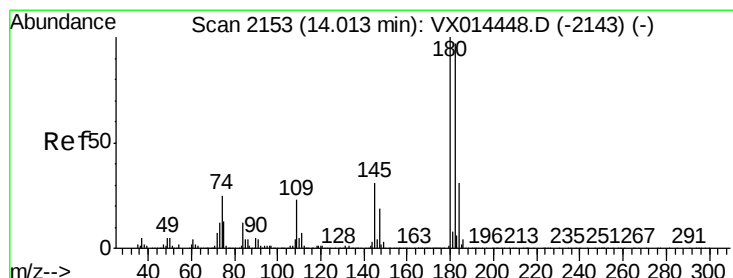
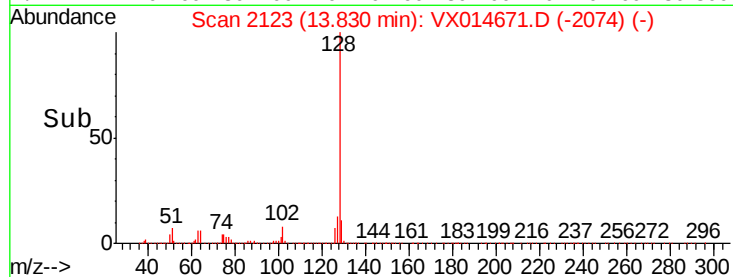
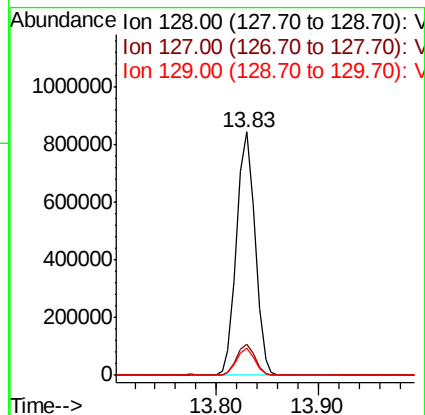
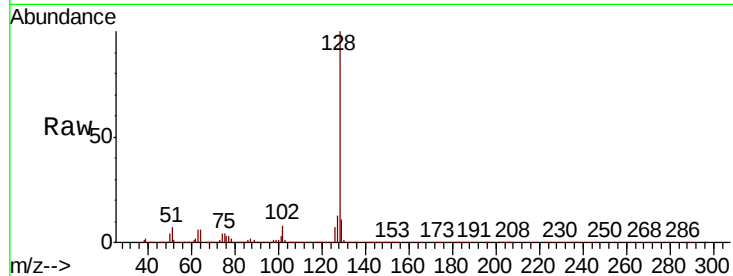




#95
Naphthalene
Concen: 45.288 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX014671.D
Acq: 20 Jan 2020 16:43

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:128 Resp: 1049776
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 49.194 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014671.D
Acq: 20 Jan 2020 16:43

Tgt Ion:180 Resp: 360593
Ion Ratio Lower Upper
180 100
182 94.4 47.9 143.6
145 29.7 14.8 44.3

