

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012120\
 Data File : VX014675.D
 Acq On : 21 Jan 2020 10:42
 Operator : JC/SP
 Sample : VX0121WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 22 04:23:05 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	5.65	168	447535	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	664187	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	609972	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	307433	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	268423	53.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.46%	
35) Dibromofluoromethane	5.48	113	220148	54.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.50%	
50) Toluene-d8	8.71	98	847167	54.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.60%	
62) 4-Bromofluorobenzene	11.13	95	299159	52.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	109969	19.944	ug/l	100
3) Chloromethane	1.32	50	112070	19.645	ug/l	97
4) Vinyl Chloride	1.40	62	130865	20.587	ug/l	96
5) Bromomethane	1.63	94	76541	18.165	ug/l	98
6) Chloroethane	1.72	64	72190	20.069	ug/l	99
7) Trichlorofluoromethane	1.92	101	147270	20.423	ug/l	98
8) Diethyl Ether	2.18	74	63915	19.428	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	89533	20.408	ug/l	100
10) Methyl Iodide	2.50	142	103064	19.619	ug/l	98
11) Tert butyl alcohol	3.02	59	99820	95.690	ug/l	98
12) 1,1-Dichloroethene	2.37	96	83335	18.854	ug/l	99
13) Acrolein	2.28	56	55825	66.767	ug/l	99
14) Allyl chloride	2.72	41	153624	19.796	ug/l	98
15) Acrylonitrile	3.13	53	260441	103.444	ug/l	99
16) Acetone	2.43	43	270374	105.519	ug/l	97
17) Carbon Disulfide	2.56	76	214308	17.377	ug/l	99
18) Methyl Acetate	2.76	43	160883	22.405	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	292108	20.587	ug/l	98
20) Methylene Chloride	2.85	84	101298	20.155	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	92812	19.234	ug/l	95
22) Diisopropyl ether	3.84	45	328178	21.883	ug/l	92
23) Vinyl Acetate	3.80	43	1233471	106.234	ug/l	99
24) 1,1-Dichloroethane	3.69	63	172928	21.197	ug/l	98
25) 2-Butanone	4.65	43	380872	102.059	ug/l	100
26) 2,2-Dichloropropane	4.57	77	135743	19.642	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	105059	19.476	ug/l	97
28) Bromochloromethane	5.00	49	71418	20.775	ug/l	95
29) Tetrahydrofuran	5.11	42	229657	104.085	ug/l	98
30) Chloroform	5.20	83	169272	21.233	ug/l	97
31) Cyclohexane	5.57	56	153414	20.090	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	137150	20.099	ug/l	97
36) 1,1-Dichloropropene	5.79	75	124354	19.909	ug/l	99
37) Ethyl Acetate	4.81	43	140808	20.754	ug/l	98
38) Carbon Tetrachloride	5.78	117	119441	20.780	ug/l	98

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 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	7.46	83	152717	19.461	ug/l	98
40) Benzene	6.13	78	389568	21.014	ug/l	98
41) Methacrylonitrile	5.02	41	76627	21.179	ug/l	98
42) 1,2-Dichloroethane	6.18	62	136154	21.006	ug/l	99
43) Isopropyl Acetate	6.43	43	227686	20.774	ug/l	99
44) Trichloroethene	7.20	130	107865	20.247	ug/l	97
45) 1,2-Dichloropropane	7.51	63	105202	22.259	ug/l	98
46) Dibromomethane	7.65	93	66047	20.022	ug/l	96
47) Bromodichloromethane	7.89	83	126833	21.130	ug/l	98
48) Methyl methacrylate	7.76	41	110168	20.988	ug/l	99
49) 1,4-Dioxane	7.73	88	43532	391.385	ug/l #	94
51) 4-Methyl-2-Pentanone	8.63	43	726698	108.809	ug/l	98
52) Toluene	8.78	92	243272	20.500	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	139935	20.024	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	157127	20.814	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	102890	21.586	ug/l	99
56) Ethyl methacrylate	9.17	69	150903	20.664	ug/l	98
57) 1,3-Dichloropropane	9.36	76	168977	21.202	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.30	63	249339	100.354	ug/l	100
59) 2-Hexanone	9.48	43	570559	107.969	ug/l	98
60) Dibromochloromethane	9.57	129	101495	21.185	ug/l	99
61) 1,2-Dibromoethane	9.67	107	105931	20.980	ug/l	96
64) Tetrachloroethene	9.33	164	113894	18.631	ug/l	98
65) Chlorobenzene	10.13	112	264290	19.966	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	96685	20.467	ug/l	98
67) Ethyl Benzene	10.25	91	457813	20.291	ug/l	99
68) m/p-Xylenes	10.35	106	349189	40.116	ug/l	97
69) o-Xylene	10.70	106	166627	20.063	ug/l	98
70) Styrene	10.71	104	289911	20.227	ug/l	99
71) Bromoform	10.85	173	73559	19.032	ug/l	98
73) Isopropylbenzene	11.01	105	453134	20.990	ug/l	99
74) N-amyl acetate	10.89	43	193010	20.265	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	149009	21.523	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	166273	26.140	ug/l	84
77) Bromobenzene	11.25	156	117731	19.665	ug/l	99
78) n-propylbenzene	11.35	91	515855	20.864	ug/l	98
79) 2-Chlorotoluene	11.42	91	305636	20.742	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	379154	21.154	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	46666	19.396	ug/l	93
82) 4-Chlorotoluene	11.51	91	351265	20.308	ug/l	98
83) tert-Butylbenzene	11.76	119	353998	20.903	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	382459	21.117	ug/l	99
85) sec-Butylbenzene	11.94	105	442793	21.032	ug/l	98
86) p-Isopropyltoluene	12.06	119	408938	20.932	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	205014	19.081	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	206992	20.156	ug/l	98
89) n-Butylbenzene	12.39	91	346336	19.389	ug/l	99
90) Hexachloroethane	12.59	117	70585	20.569	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	210864	20.031	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	31490	20.221	ug/l	92

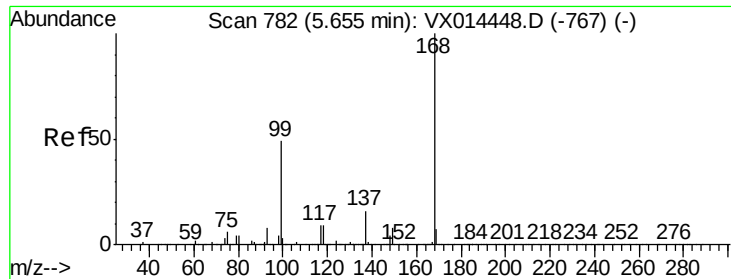
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	139878	18.863	ug/l	99
94) Hexachlorobutadiene	13.78	225	72991	21.129	ug/l	98
95) Naphthalene	13.83	128	404886	17.656	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	141390	19.334	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX014675.D

Acq: 21 Jan 2020 10:42

Instrument :

MSVOA_X

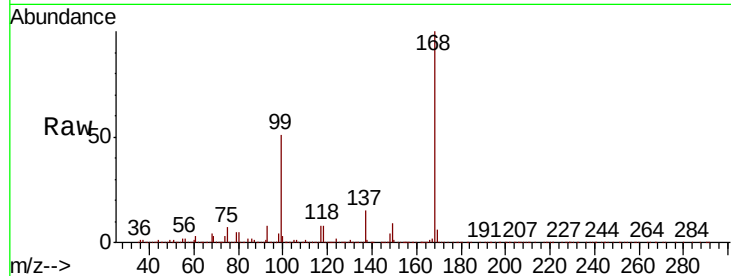
ClientSampleId :

Tot Ion:168 Resp: 447535

Ion Ratio Lower Upper

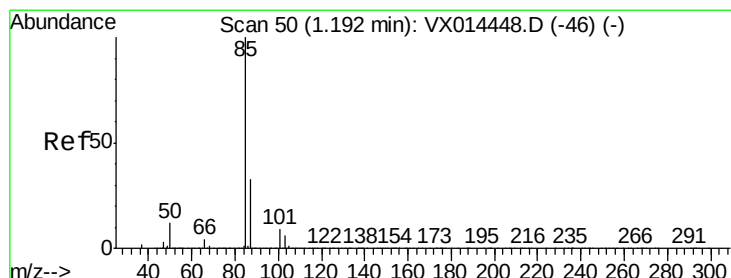
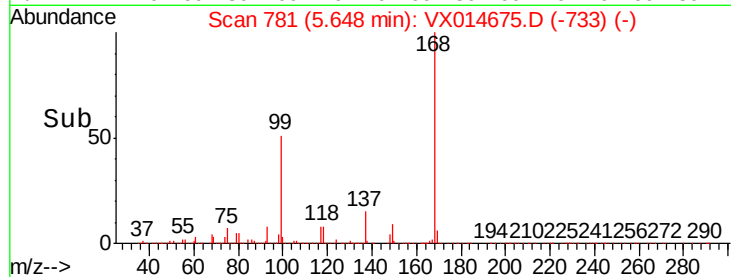
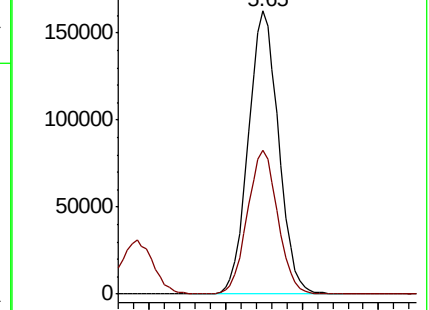
168 100

99 50.5 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.944 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX014675.D

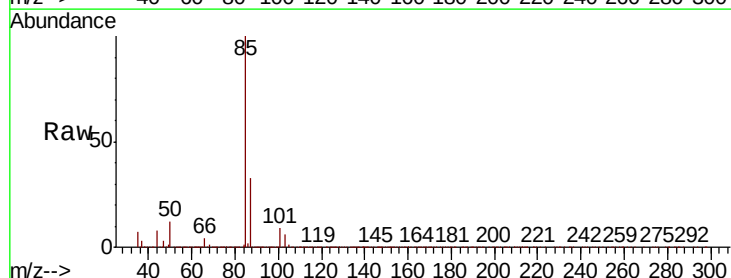
Acq: 21 Jan 2020 10:42

Tgt Ion: 85 Resp: 109969

Ion Ratio Lower Upper

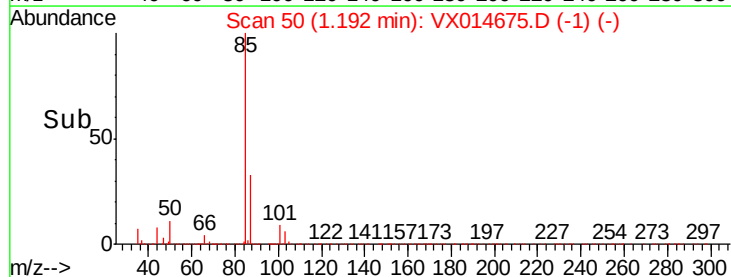
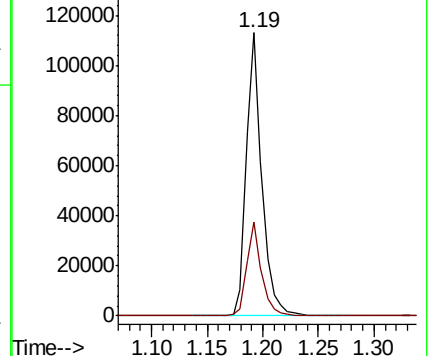
85 100

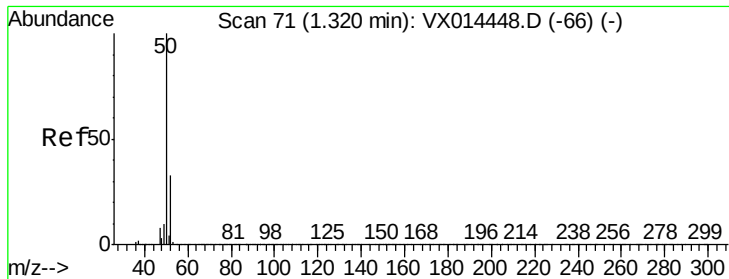
87 33.0 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.645 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX014675.D

Acq: 21 Jan 2020 10:42

Instrument :

MSVOA_X

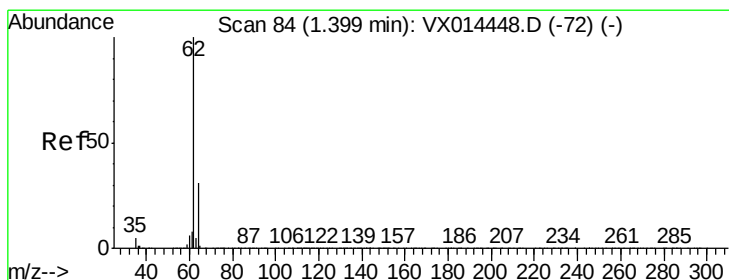
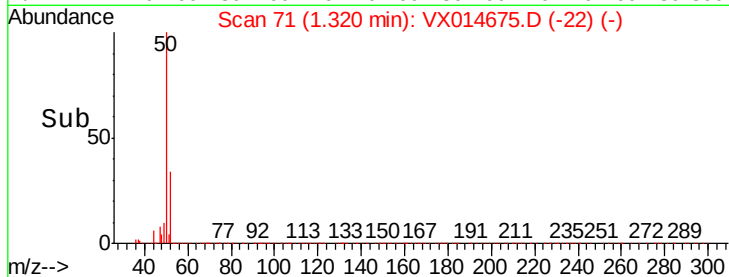
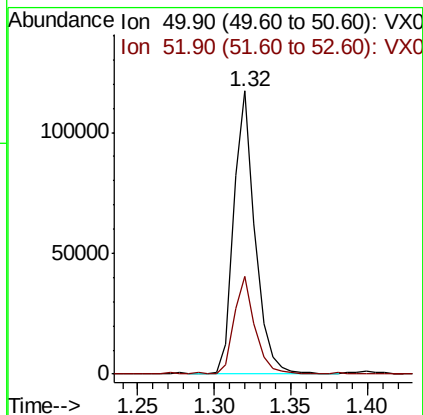
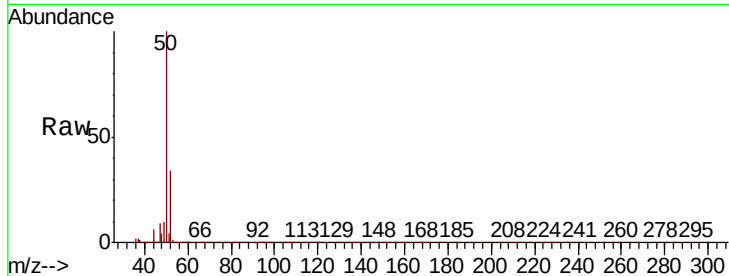
ClientSampleId :

Tot Ion: 50 Resp: 112070

Ion Ratio Lower Upper

50 100

52 34.3 26.1 39.1



#4

Vinyl Chloride

Concen: 20.587 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX014675.D

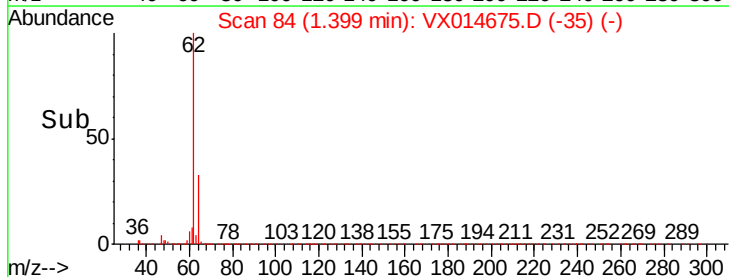
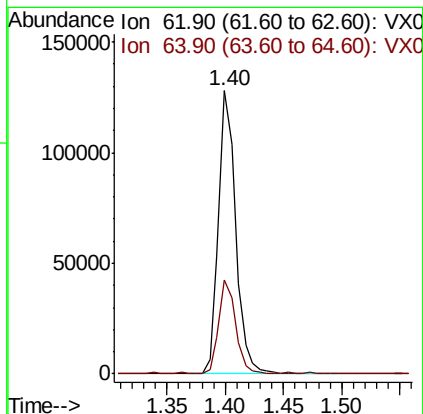
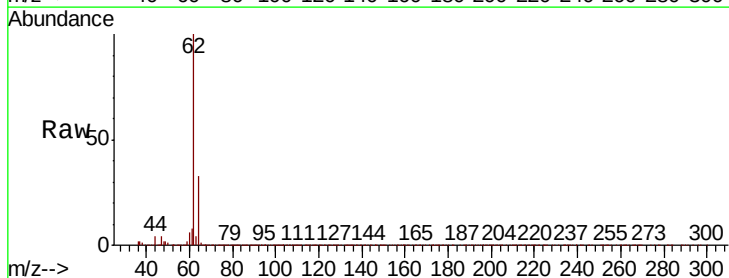
Acq: 21 Jan 2020 10:42

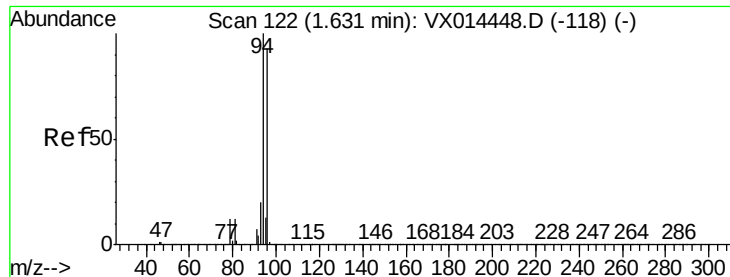
Tgt Ion: 62 Resp: 130865

Ion Ratio Lower Upper

62 100

64 33.1 24.6 37.0





#5

Bromomethane

Concen: 18.165 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX014675.D

Acq: 21 Jan 2020 10:42

Instrument :

MSVOA_X

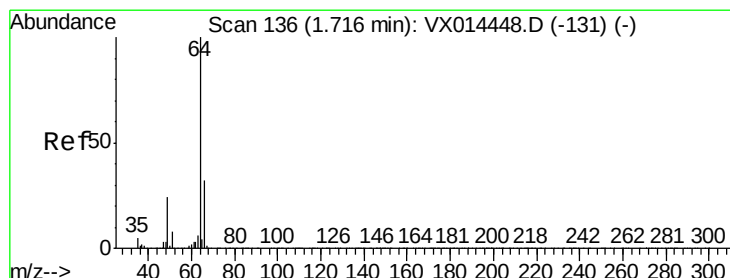
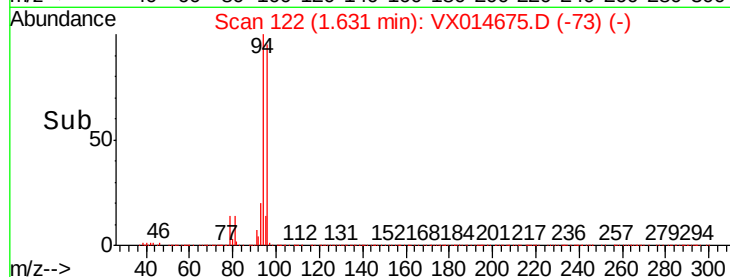
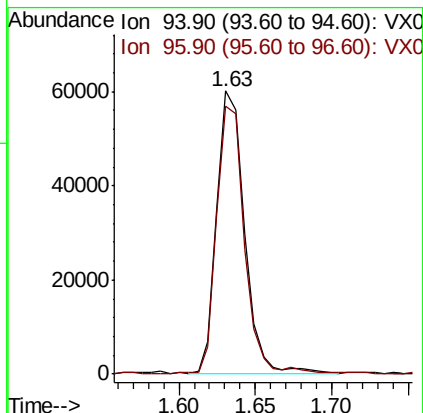
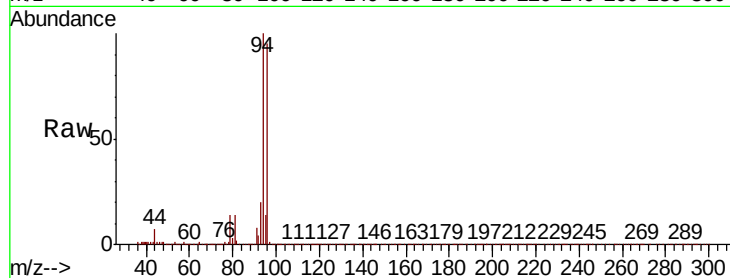
ClientSampleId :

Tot Ion: 94 Resp: 76541

Ion Ratio Lower Upper

94 100

96 94.5 74.2 111.2



#6

Chloroethane

Concen: 20.069 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX014675.D

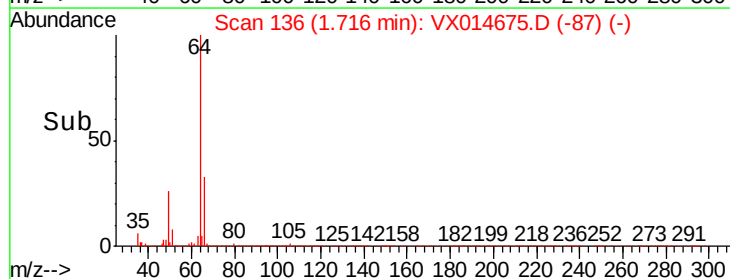
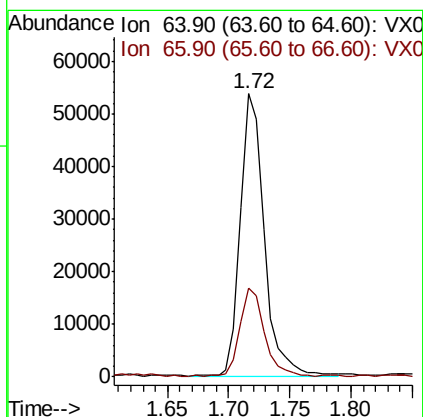
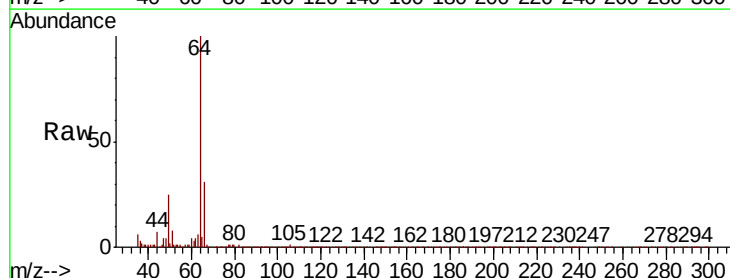
Acq: 21 Jan 2020 10:42

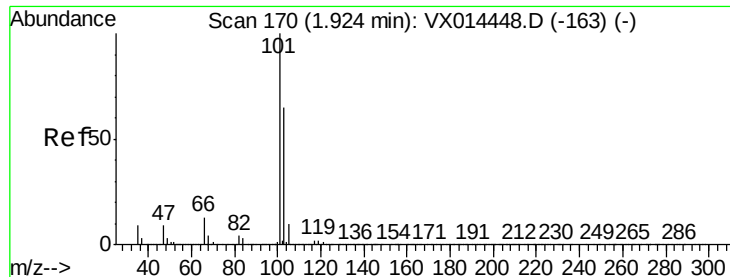
Tgt Ion: 64 Resp: 72190

Ion Ratio Lower Upper

64 100

66 31.1 25.3 37.9



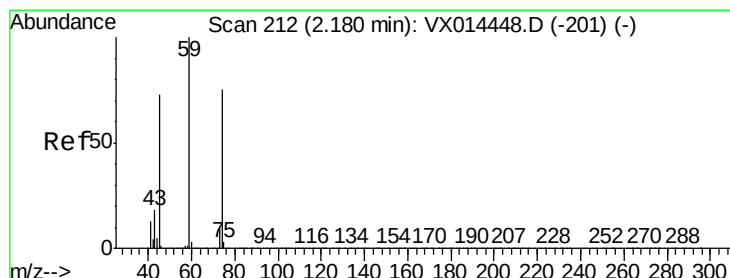
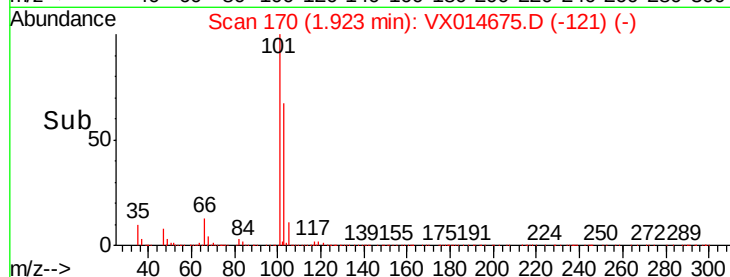
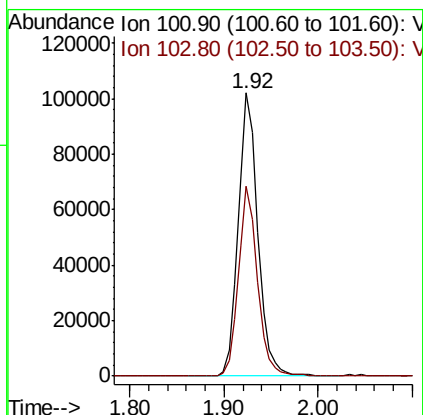
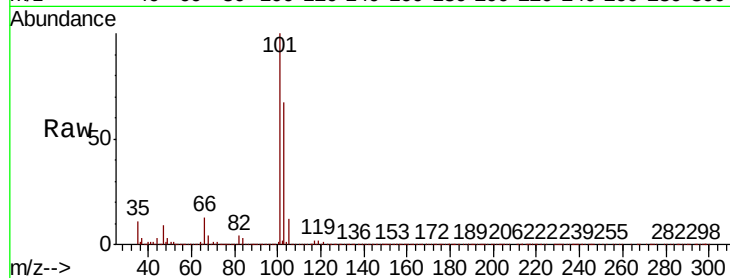


#7

Trichlorofluoromethane
Concen: 20.423 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX014675.D
Acq: 21 Jan 2020 10:42

Instrument :
MSVOA_X
ClientSampleId :

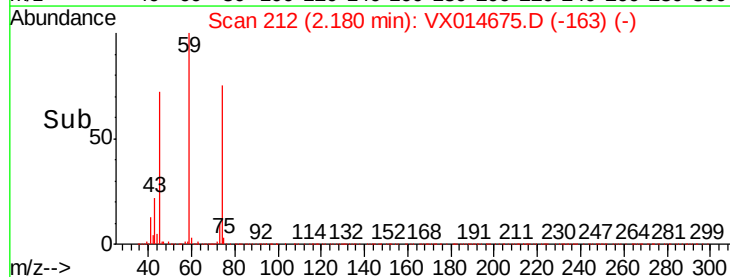
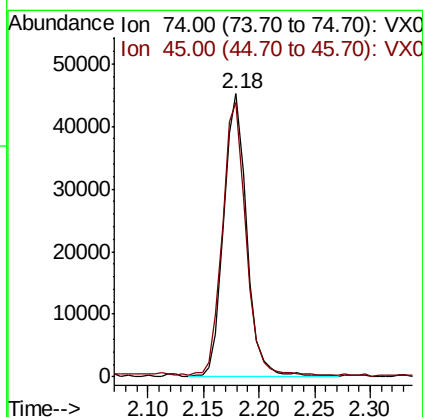
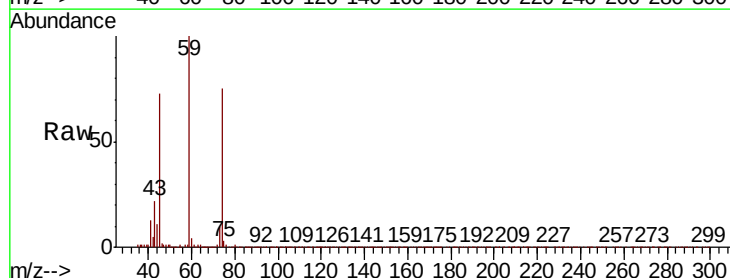
Tot Ion:101 Resp: 147270
Ion Ratio Lower Upper
101 100
103 67.2 52.2 78.4

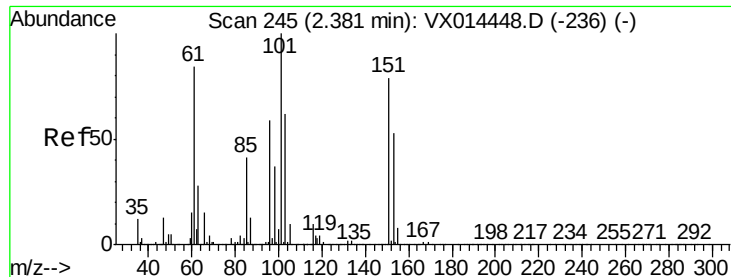


#8

Diethyl Ether
Concen: 19.428 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX014675.D
Acq: 21 Jan 2020 10:42

Tgt Ion: 74 Resp: 63915
Ion Ratio Lower Upper
74 100
45 99.3 48.7 146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.408 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX014675.D

Acq: 21 Jan 2020 10:42

Instrument :

MSVOA_X

ClientSampleId :

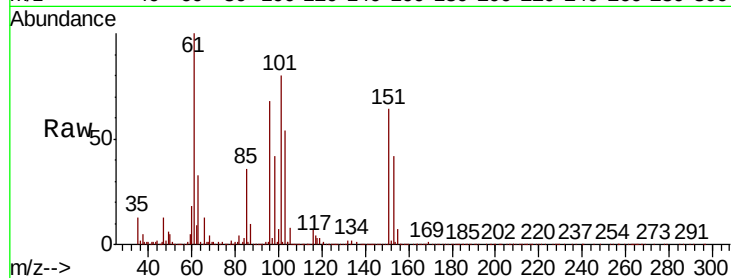
Tot Ion:101 Resp: 89533

Ion Ratio Lower Upper

101 100

85 42.3 33.8 50.8

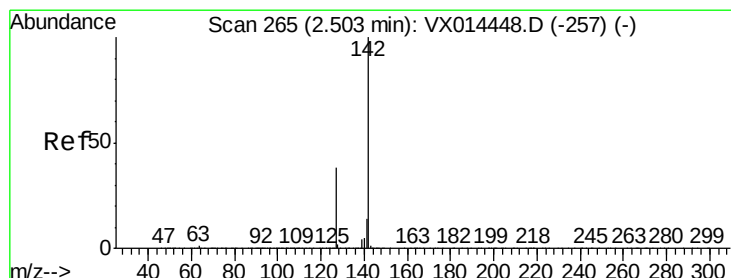
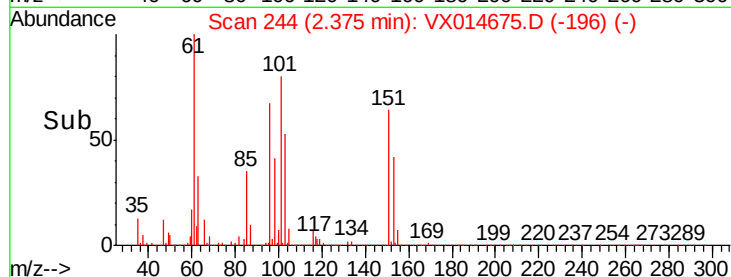
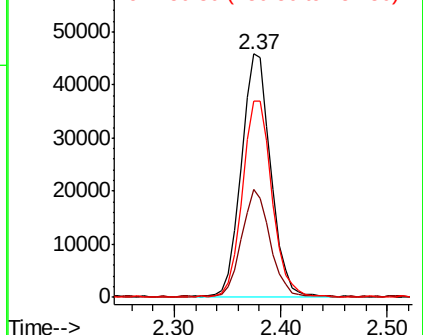
151 81.4 65.3 97.9



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: 19.619 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX014675.D

Acq: 21 Jan 2020 10:42

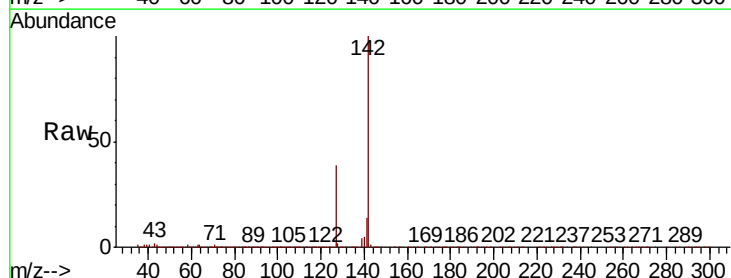
Tgt Ion:142 Resp: 103064

Ion Ratio Lower Upper

142 100

127 40.2 31.2 46.8

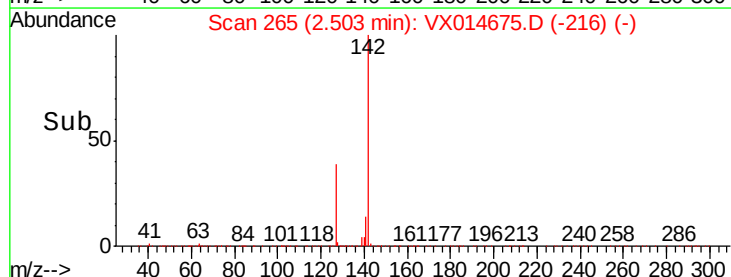
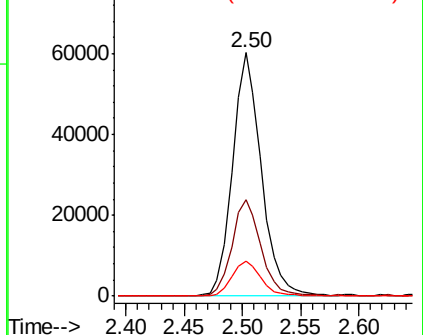
141 15.0 11.4 17.2

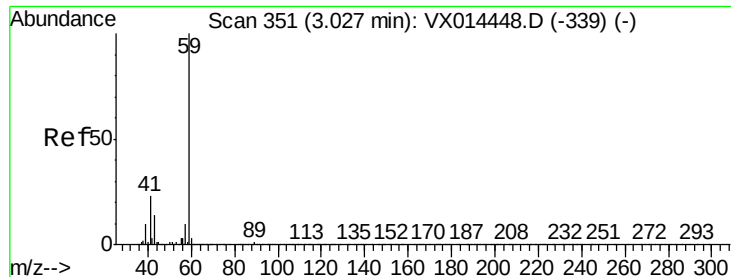


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



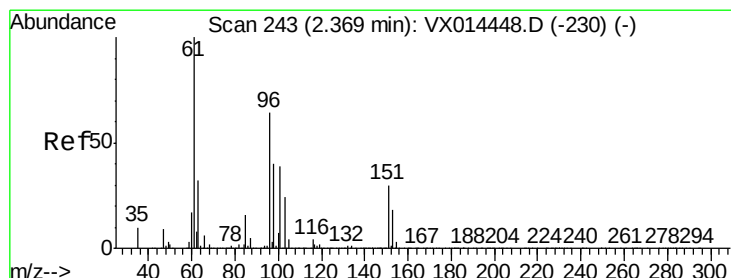
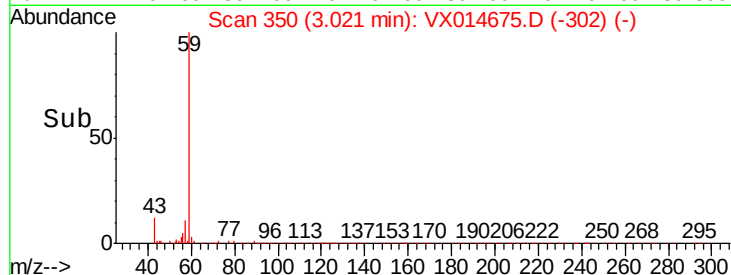
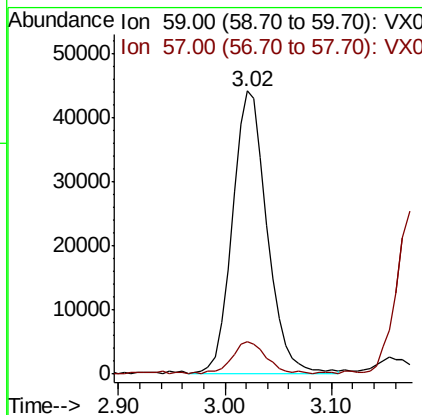
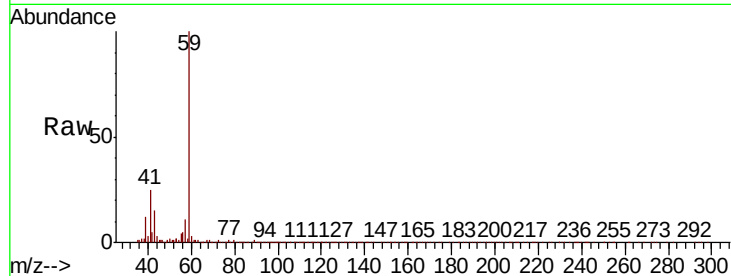


#11

Tert butyl alcohol
Concen: 95.690 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX014675.D
Acq: 21 Jan 2020 10:42

Instrument :
MSVOA_X
ClientSampleId :

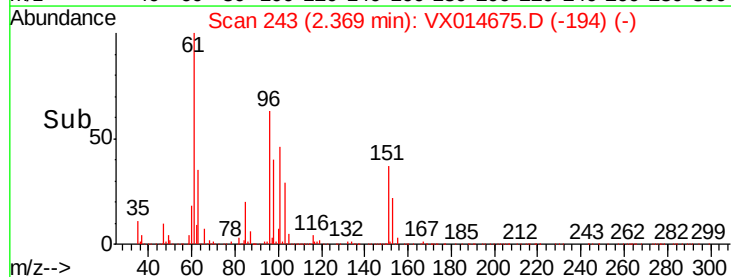
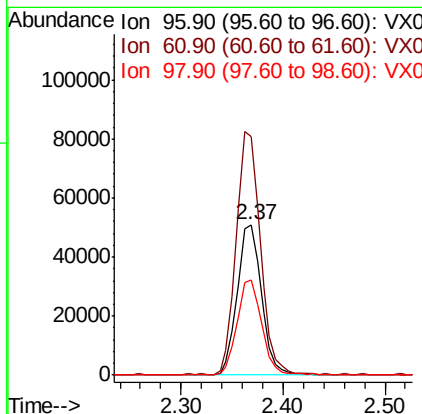
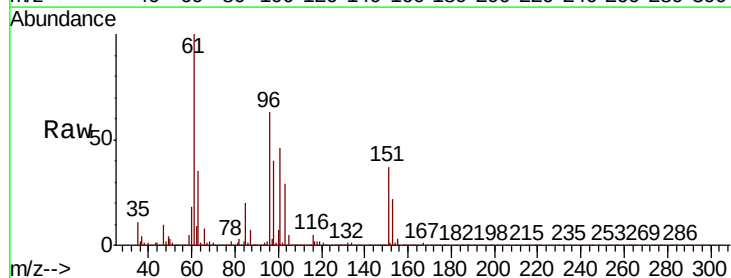
Tot Ion: 59 Resp: 99820
Ion Ratio Lower Upper
59 100
57 11.3 8.5 12.7

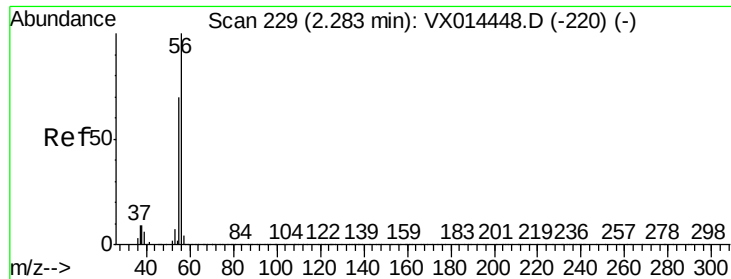


#12

1,1-Dichloroethene
Concen: 18.854 ug/l
RT: 2.37 min Scan# 243
Delta R.T. -0.00 min
Lab File: VX014675.D
Acq: 21 Jan 2020 10:42

Tgt Ion: 96 Resp: 83335
Ion Ratio Lower Upper
96 100
61 158.6 125.0 187.6
98 63.1 50.2 75.2

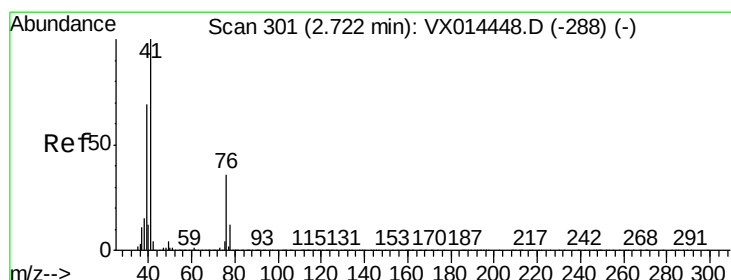
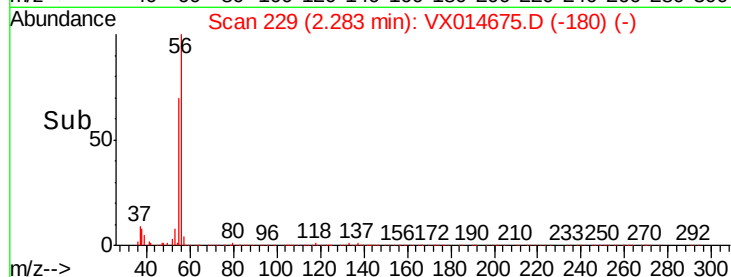
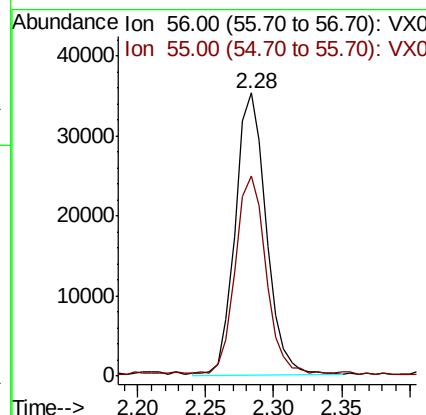
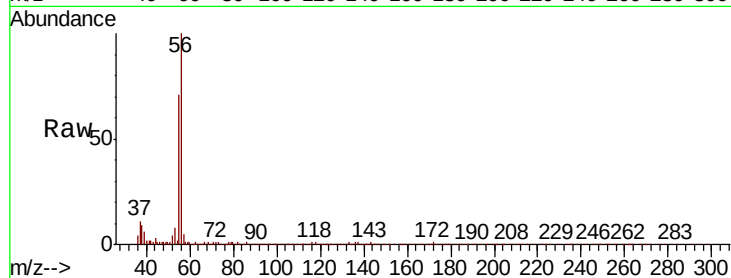




#13
Acrolein
Concen: 66.767 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX014675.D
Acq: 21 Jan 2020 10:42

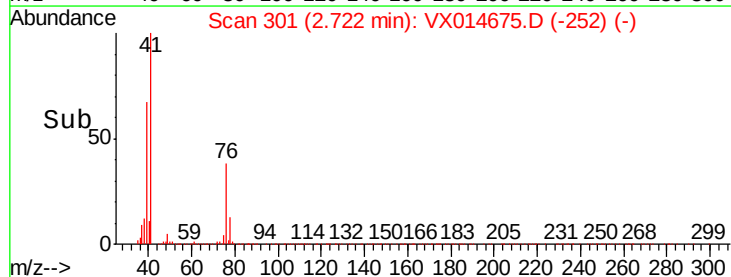
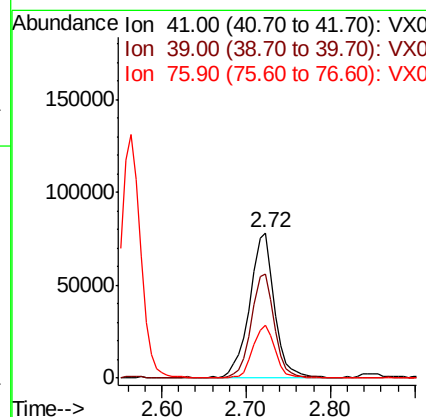
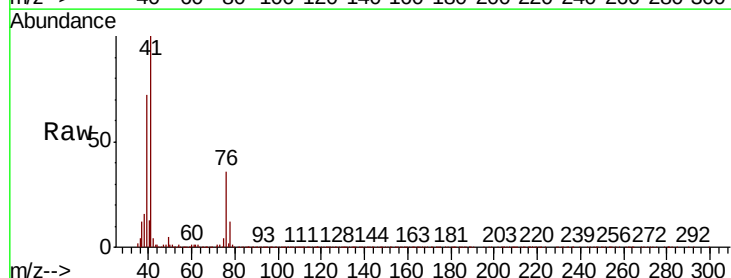
Instrument :
MSVOA_X
ClientSampleId :

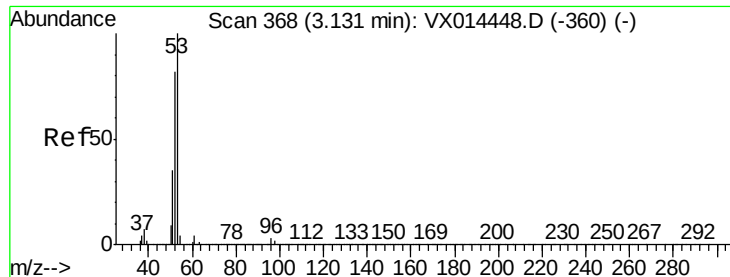
Tot Ion: 56 Resp: 55825
Ion Ratio Lower Upper
56 100
55 68.3 55.0 82.6



#14
Allyl chloride
Concen: 19.796 ug/l
RT: 2.72 min Scan# 301
Delta R.T. -0.00 min
Lab File: VX014675.D
Acq: 21 Jan 2020 10:42

Tgt Ion: 41 Resp: 153624
Ion Ratio Lower Upper
41 100
39 65.8 51.7 77.5
76 31.8 26.8 40.2





#15

Acrylonitrile

Concen: 103.444 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX014675.D

Acq: 21 Jan 2020 10:42

Instrument :

MSVOA_X

ClientSampleId :

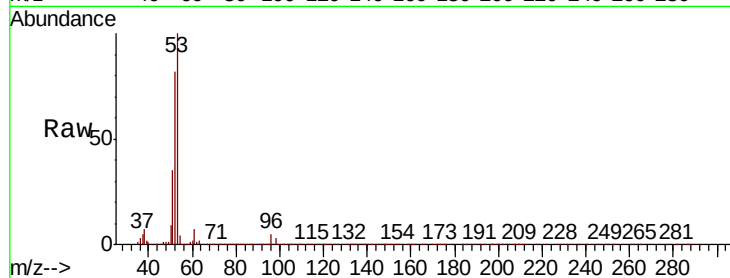
Tot Ion: 53 Resp: 260441

Ion Ratio Lower Upper

53 100

52 83.0 67.0 100.4

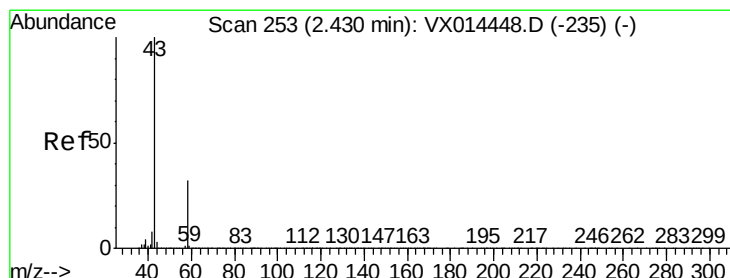
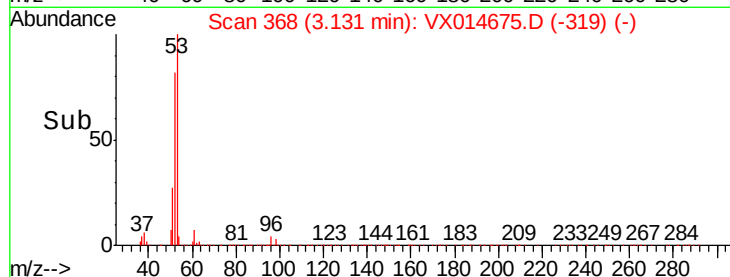
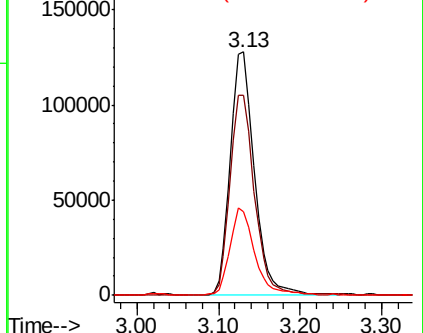
51 36.3 28.5 42.7



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 105.519 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014675.D

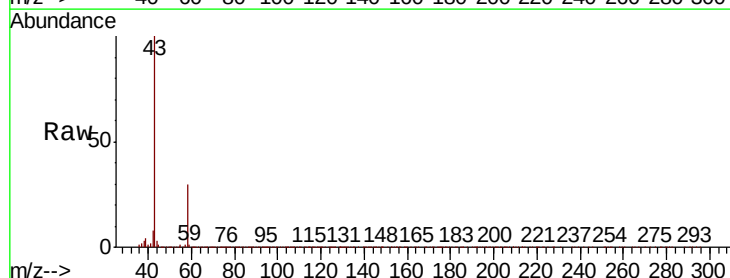
Acq: 21 Jan 2020 10:42

Tgt Ion: 43 Resp: 270374

Ion Ratio Lower Upper

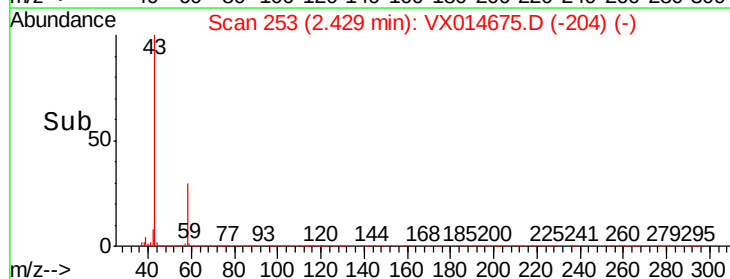
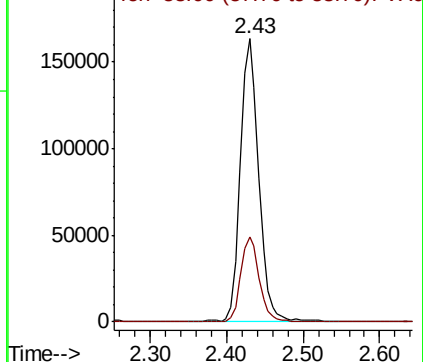
43 100

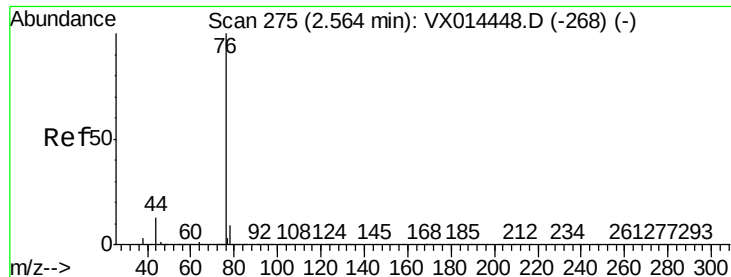
58 30.1 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 17.377 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.00 min

Lab File: VX014675.D

Acq: 21 Jan 2020 10:42

Instrument :

MSVOA_X

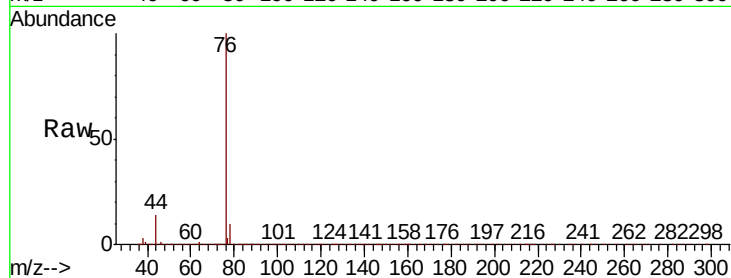
ClientSampleId :

Tot Ion: 76 Resp: 214308

Ion Ratio Lower Upper

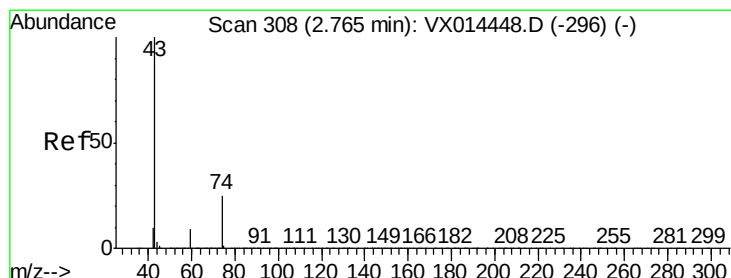
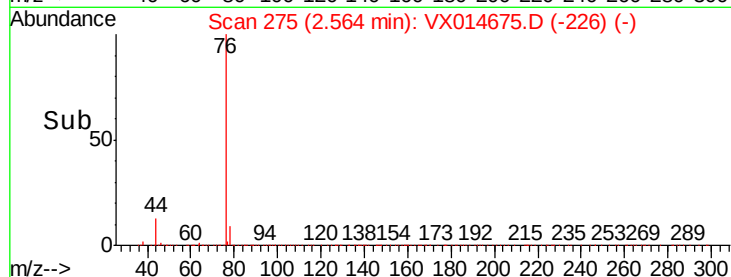
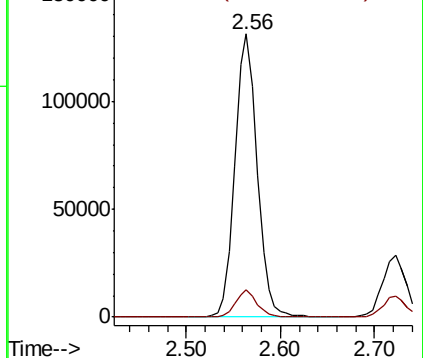
76 100

78 9.5 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 22.405 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX014675.D

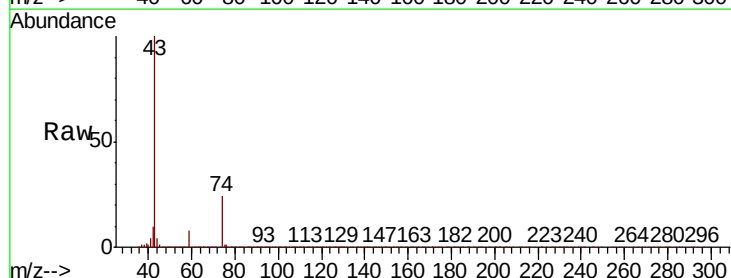
Acq: 21 Jan 2020 10:42

Tgt Ion: 43 Resp: 160883

Ion Ratio Lower Upper

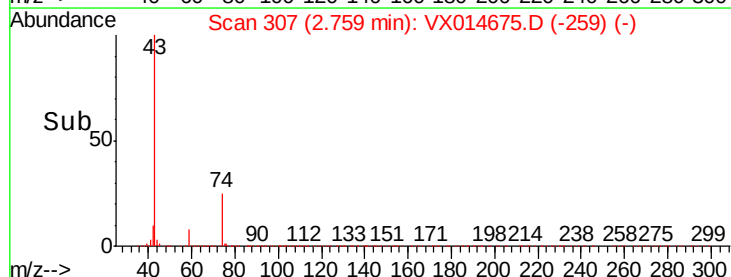
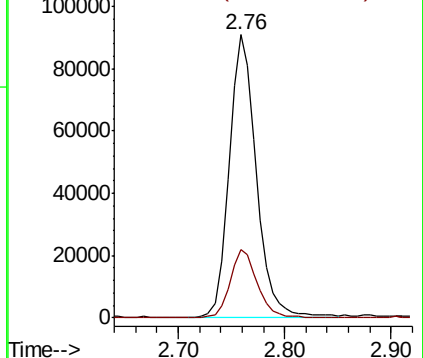
43 100

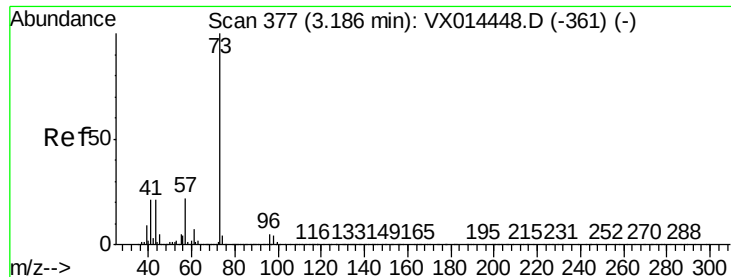
74 24.5 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



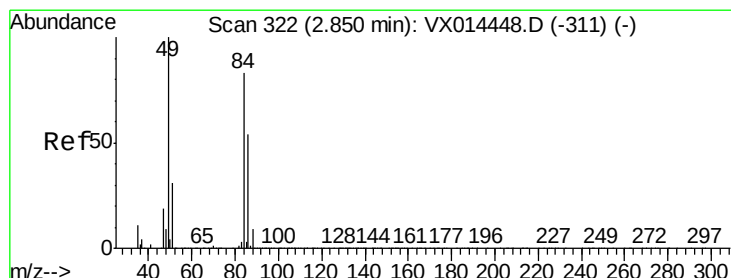
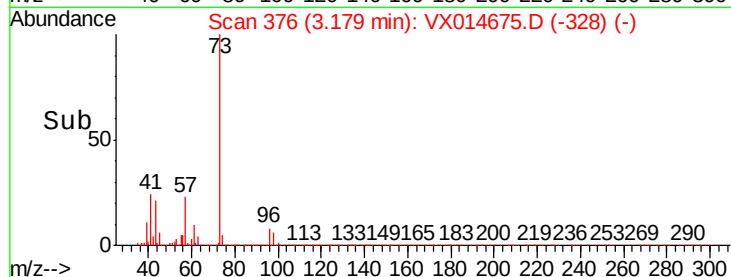
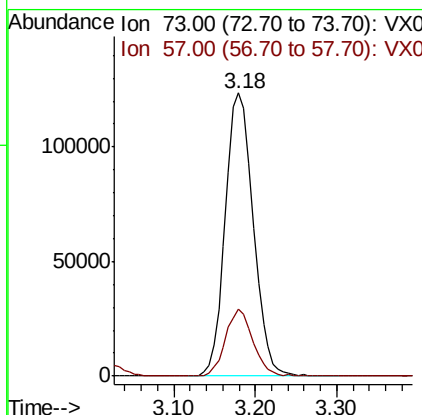
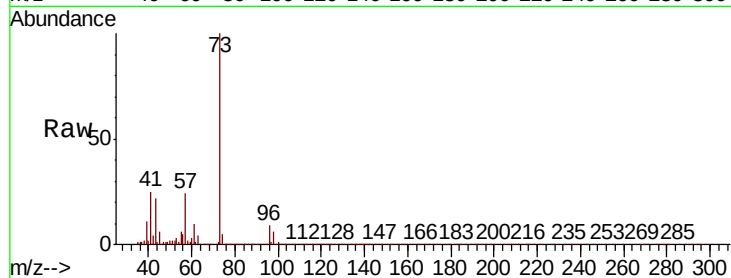


#19

Methyl tert-butyl Ether
 Concen: 20.587 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX014675.D
 Acq: 21 Jan 2020 10:42

Instrument :
 MSVOA_X
 ClientSampled :

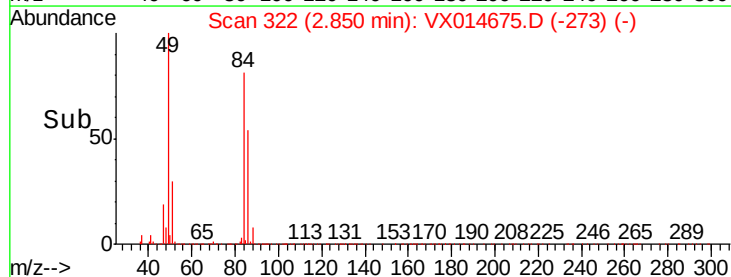
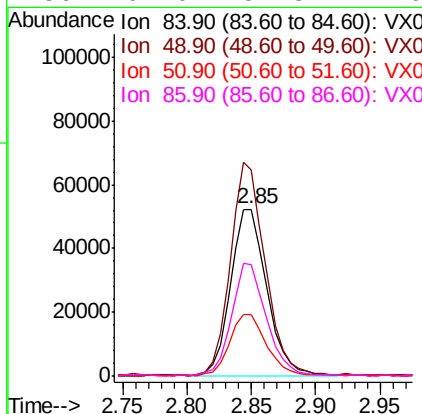
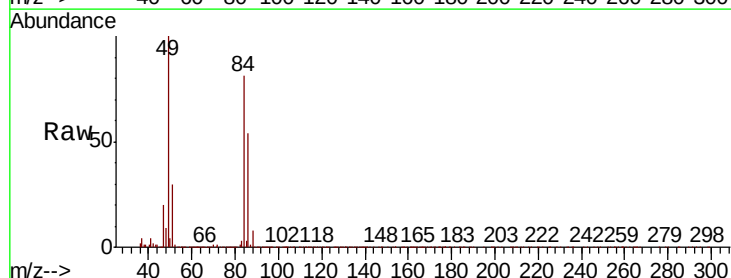
Tot Ion: 73 Resp: 292108
 Ion Ratio Lower Upper
 73 100
 57 23.2 17.8 26.8

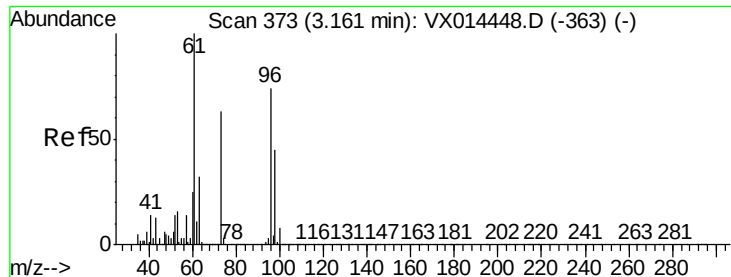


#20

Methylene Chloride
 Concen: 20.155 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. -0.00 min
 Lab File: VX014675.D
 Acq: 21 Jan 2020 10:42

Tgt Ion: 84 Resp: 101298
 Ion Ratio Lower Upper
 84 100
 49 123.5 95.8 143.8
 51 36.2 30.2 45.4
 86 67.0 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 19.234 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014675.D

Acq: 21 Jan 2020 10:42

Instrument :

MSVOA_X

ClientSampleId :

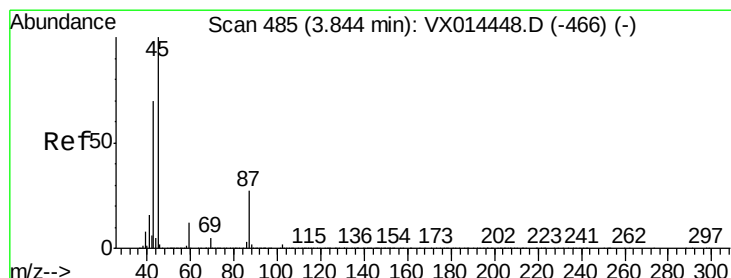
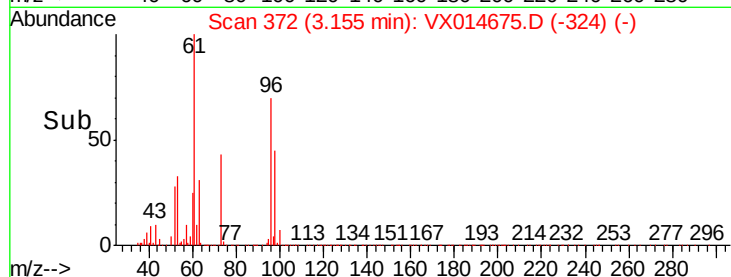
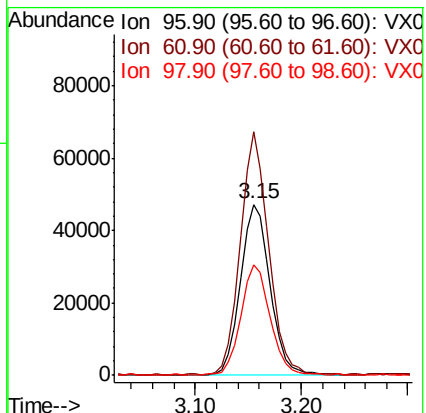
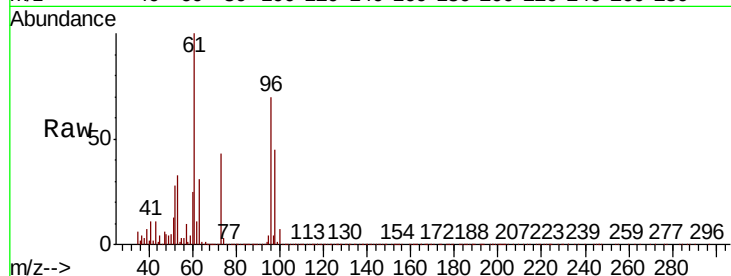
Tot Ion: 96 Resp: 92812

Ion Ratio Lower Upper

96 100

61 141.6 108.2 162.4

98 64.1 48.8 73.2



#22

Diisopropyl ether

Concen: 21.883 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX014675.D

Acq: 21 Jan 2020 10:42

Tgt Ion: 45 Resp: 328178

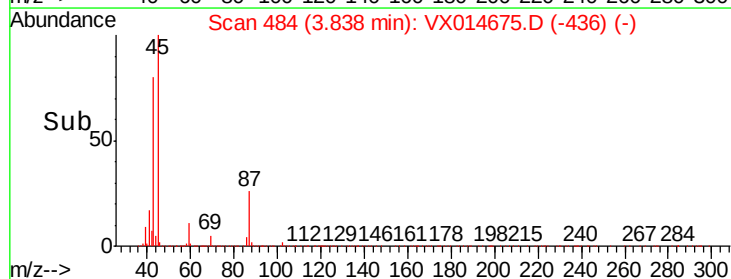
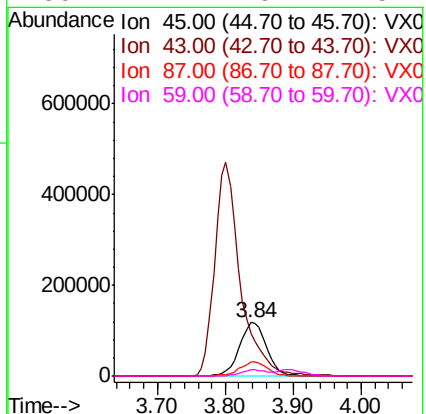
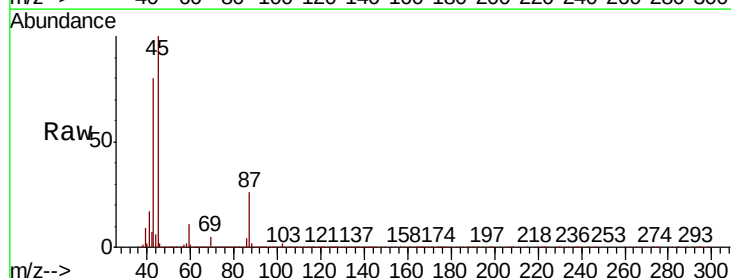
Ion Ratio Lower Upper

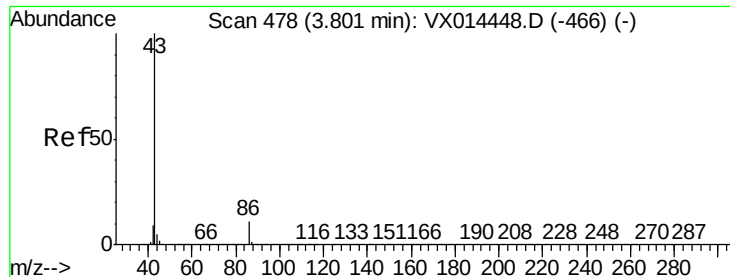
45 100

43 79.7 55.8 83.6

87 26.4 21.8 32.8

59 11.1 9.1 13.7





#23

Vinyl Acetate

Concen: 106.234 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

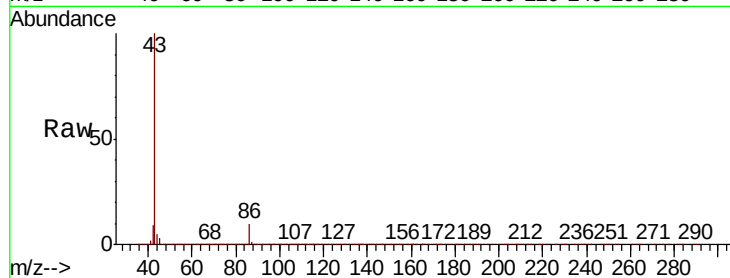
Lab File: VX014675.D

Acq: 21 Jan 2020 10:42

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 1233471

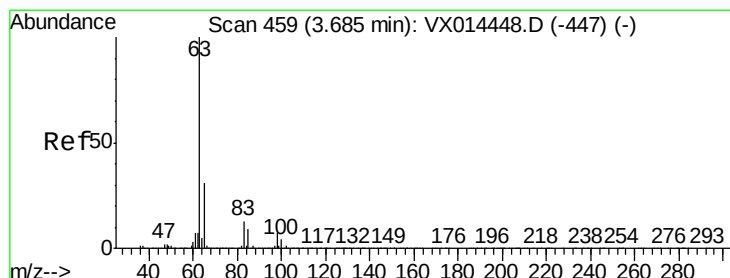
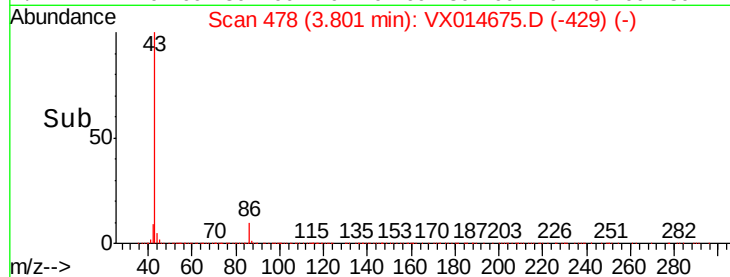
Ion	Ratio	Lower	Upper
43	100		
86	10.2	8.4	12.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

Time-->



#24

1,1-Dichloroethane

Concen: 21.197 ug/l

RT: 3.69 min Scan# 459

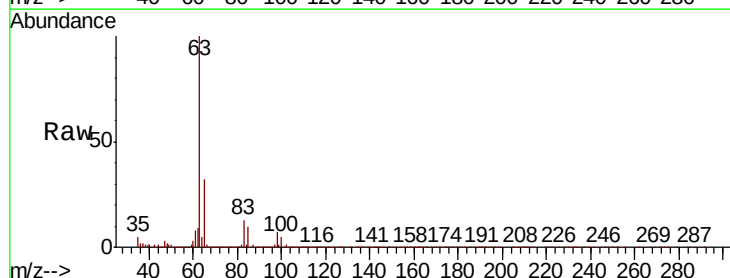
Delta R.T. -0.00 min

Lab File: VX014675.D

Acq: 21 Jan 2020 10:42

Tgt Ion: 63 Resp: 172928

Ion	Ratio	Lower	Upper
63	100		
98	6.4	3.6	10.9
100	4.9	2.3	6.8

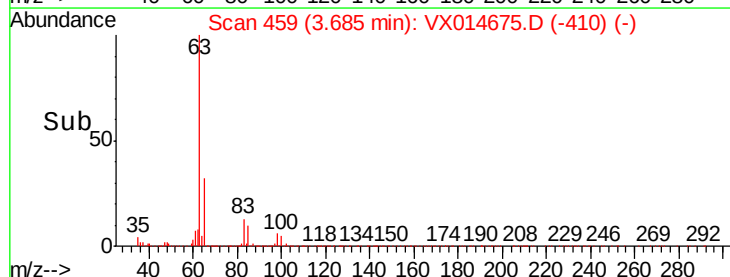


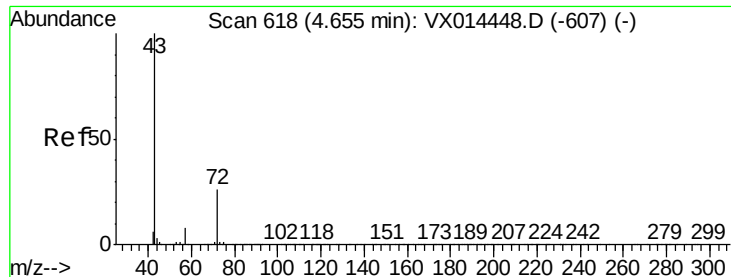
Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

Time-->





#25

2-Butanone

Concen: 102.059 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX014675.D

Acq: 21 Jan 2020 10:42

Instrument :

MSVOA_X

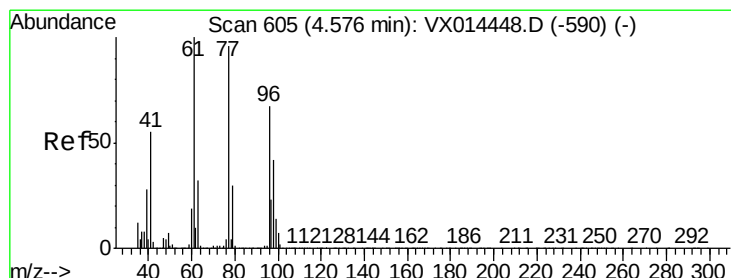
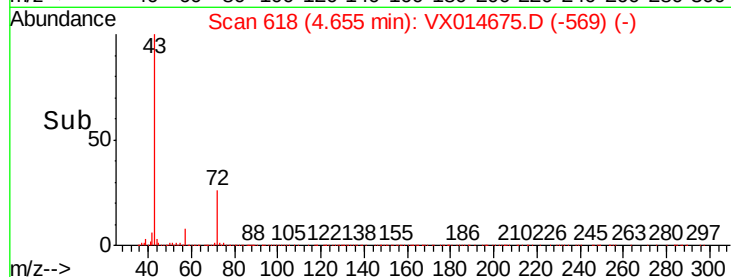
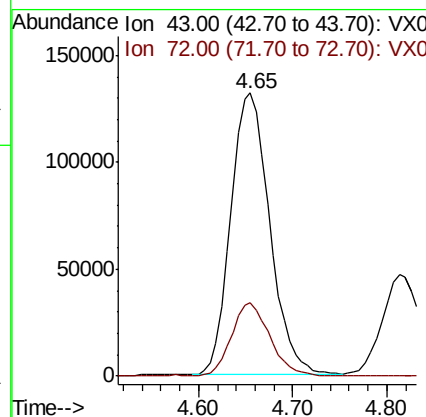
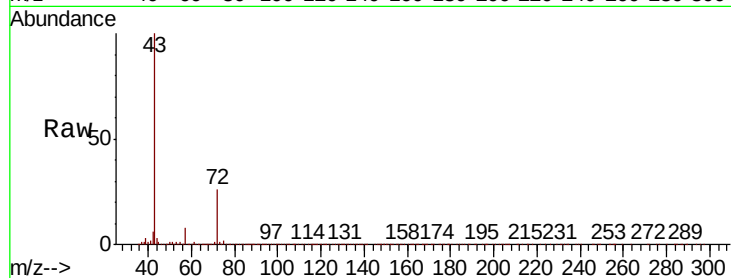
ClientSampleId :

Tot Ion: 43 Resp: 380872

Ion Ratio Lower Upper

43 100

72 25.9 20.6 31.0



#26

2,2-Dichloropropane

Concen: 19.642 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX014675.D

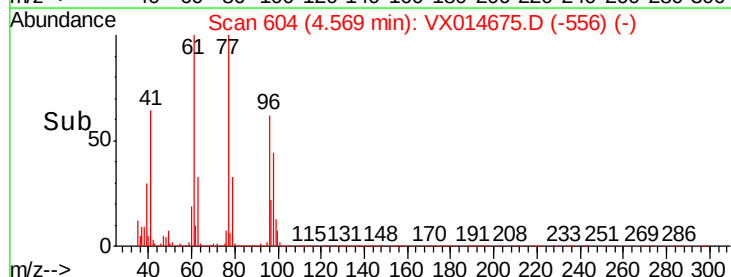
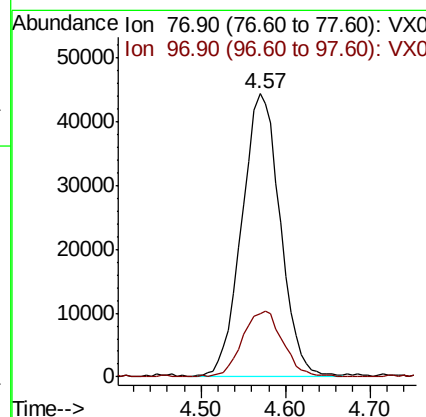
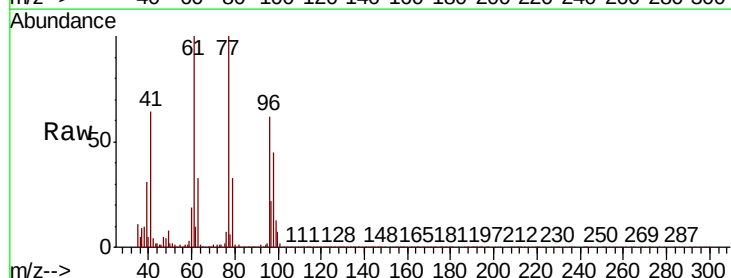
Acq: 21 Jan 2020 10:42

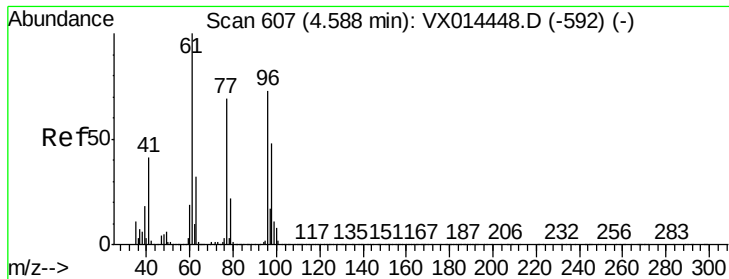
Tgt Ion: 77 Resp: 135743

Ion Ratio Lower Upper

77 100

97 24.2 11.7 35.1



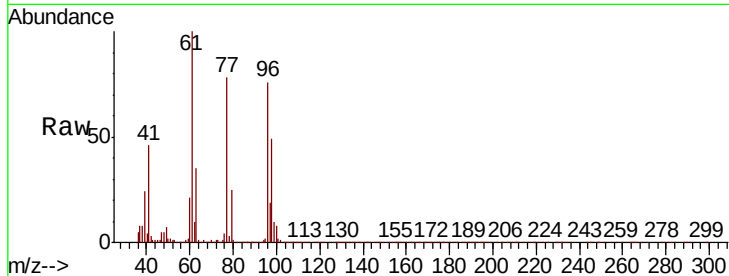


#27

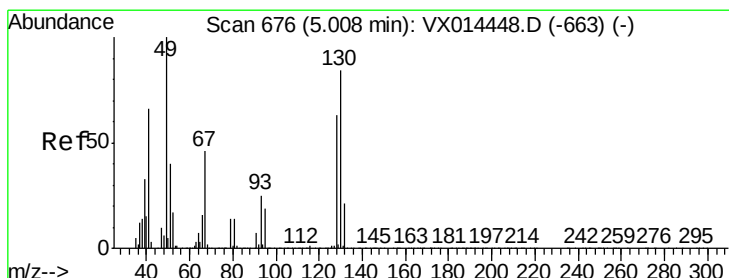
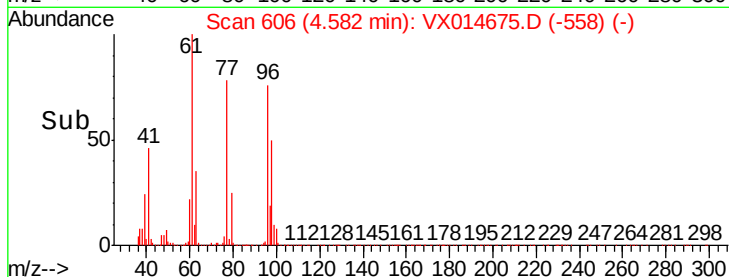
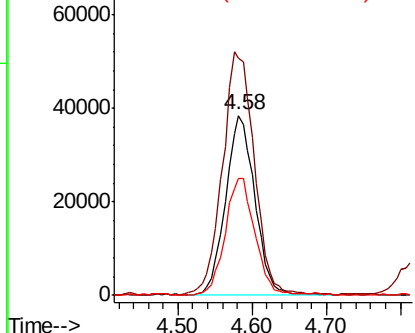
cis-1,2-Dichloroethene
 Concen: 19.476 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: VX014675.D
 Acq: 21 Jan 2020 10:42

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	146.2	0.0	285.4
98	66.8	0.0	130.6



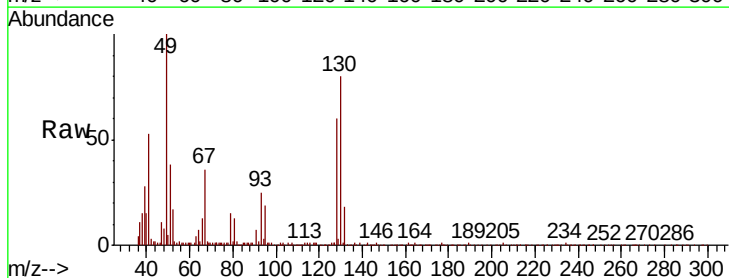
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



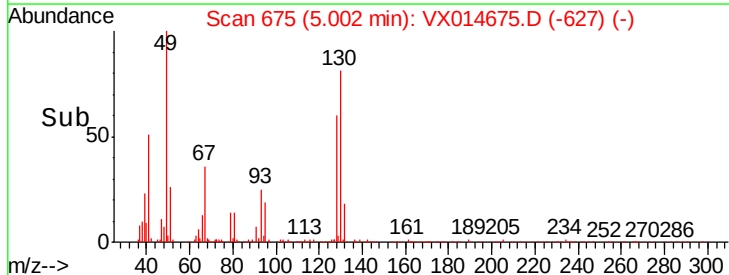
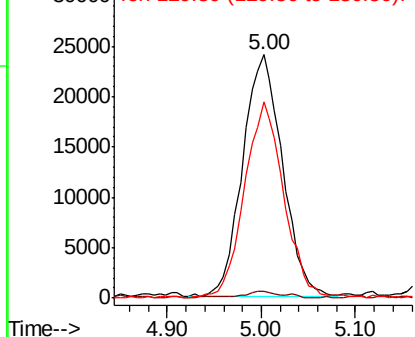
#28

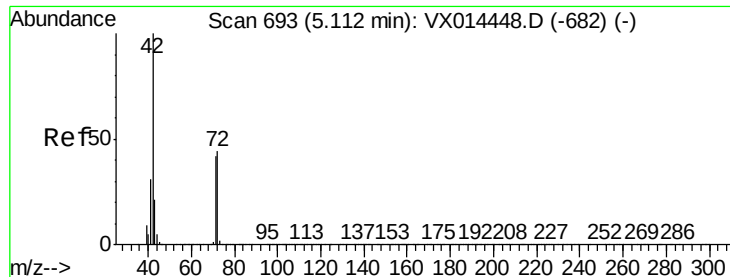
Bromochloromethane
 Concen: 20.775 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: VX014675.D
 Acq: 21 Jan 2020 10:42

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	4.4
130	79.2	67.0	100.4



Abundance Ion 48.90 (48.60 to 49.60): VX0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 104.085 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.00 min

Lab File: VX014675.D

Acq: 21 Jan 2020 10:42

Instrument :

MSVOA_X

ClientSampleId :

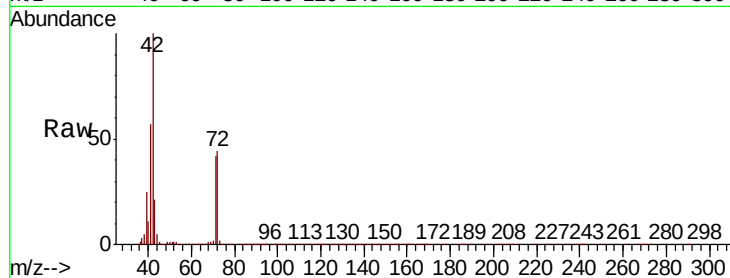
Tot Ion: 42 Resp: 229657

Ion Ratio Lower Upper

42 100

72 44.4 36.2 54.4

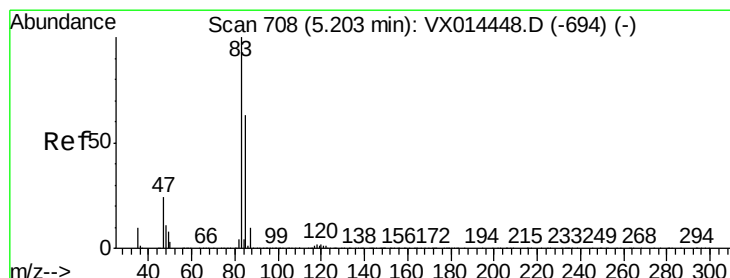
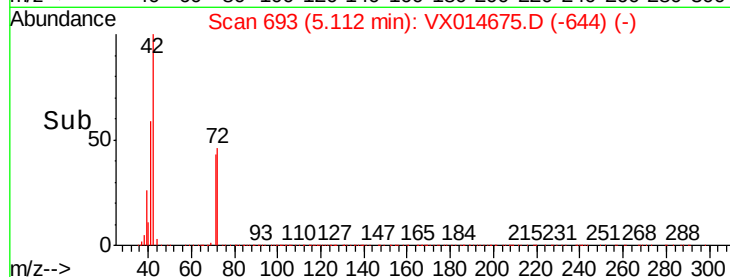
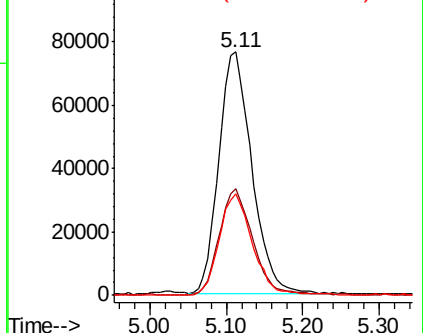
71 41.3 34.1 51.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 21.233 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX014675.D

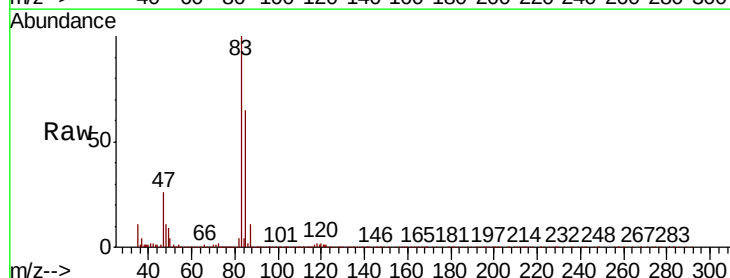
Acq: 21 Jan 2020 10:42

Tgt Ion: 83 Resp: 169272

Ion Ratio Lower Upper

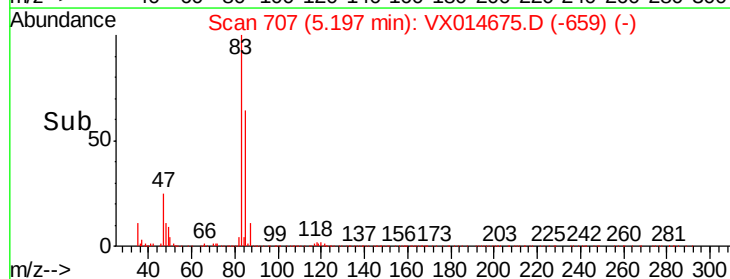
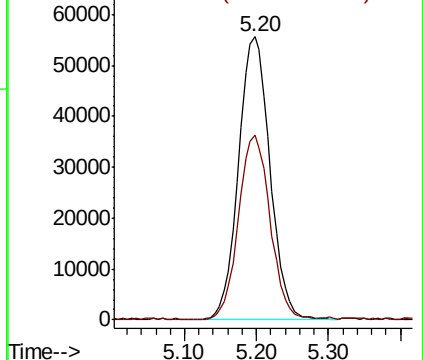
83 100

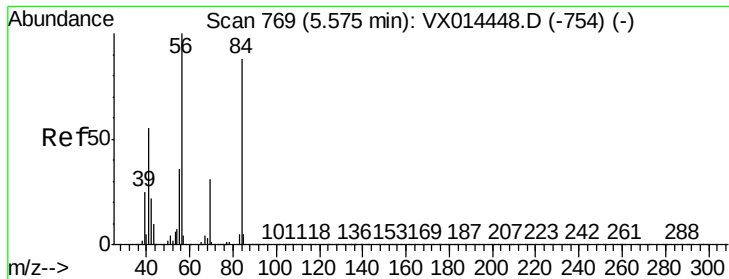
85 65.2 50.6 75.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

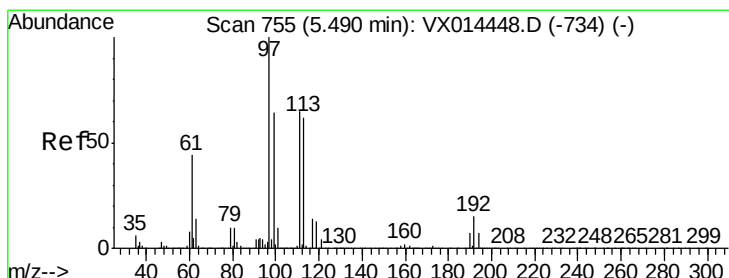
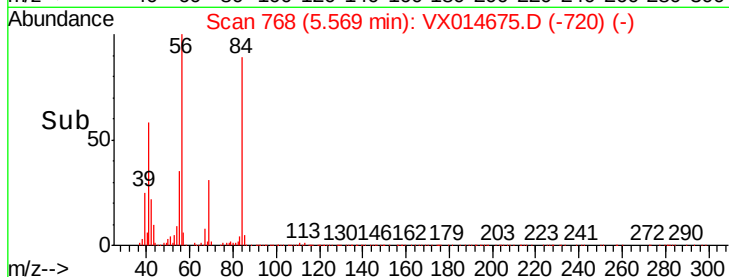
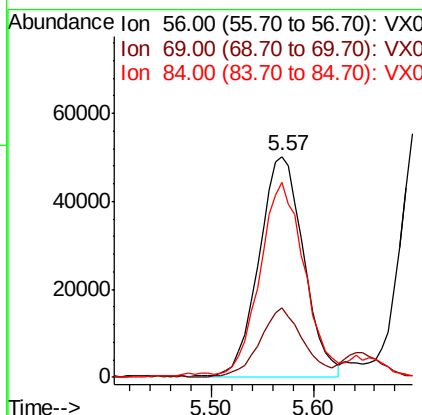
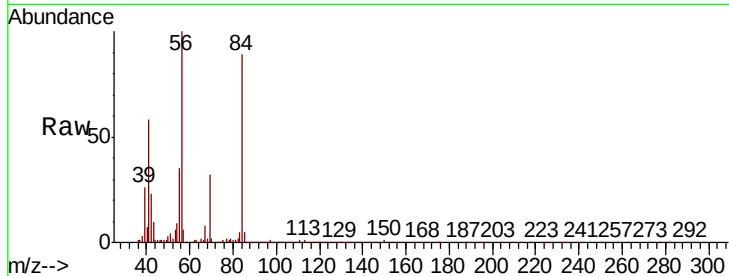




#31
Cyclohexane
Concen: 20.090 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX014675.D
Acq: 21 Jan 2020 10:42

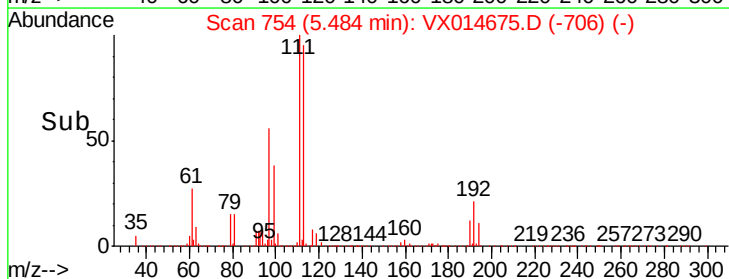
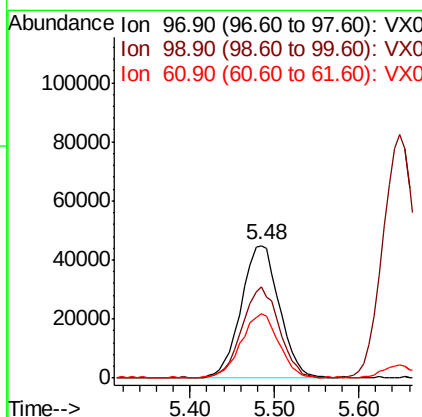
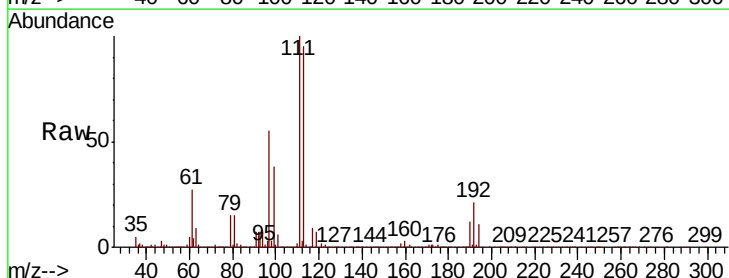
Instrument :
MSVOA_X
ClientSampleId :

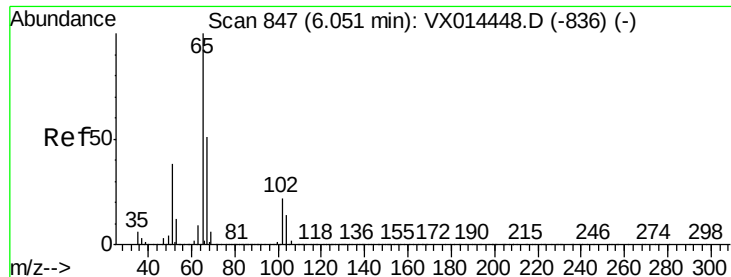
Tot Ion: 56 Resp: 153414
Ion Ratio Lower Upper
56 100
69 31.4 24.4 36.6
84 86.7 70.6 106.0



#32
1,1,1-Trichloroethane
Concen: 20.099 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014675.D
Acq: 21 Jan 2020 10:42

Tgt Ion: 97 Resp: 137150
Ion Ratio Lower Upper
97 100
99 66.9 51.8 77.6
61 47.6 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 53.727 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX014675.D

Acq: 21 Jan 2020 10:42

Instrument :

MSVOA_X

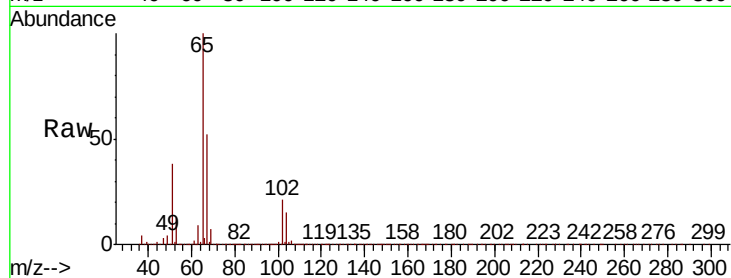
ClientSampleId :

Tot Ion: 65 Resp: 268423

Ion Ratio Lower Upper

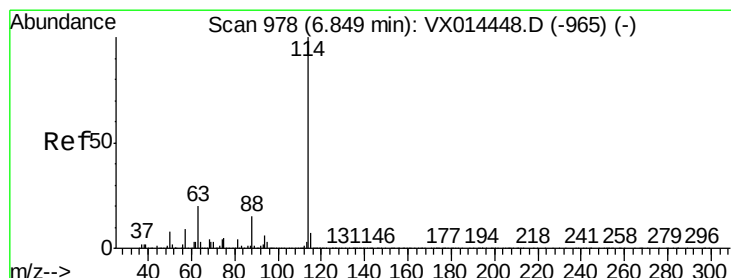
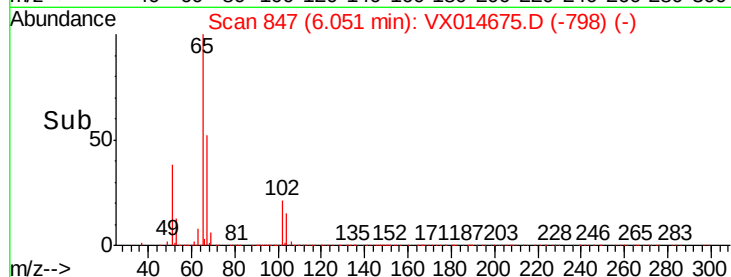
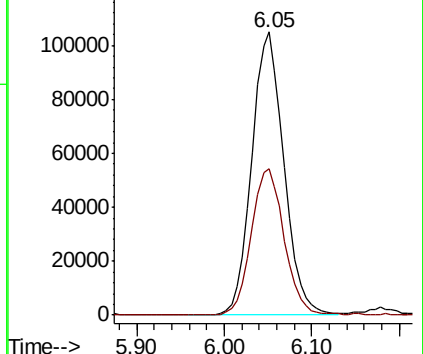
65 100

67 52.4 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX014675.D

Acq: 21 Jan 2020 10:42

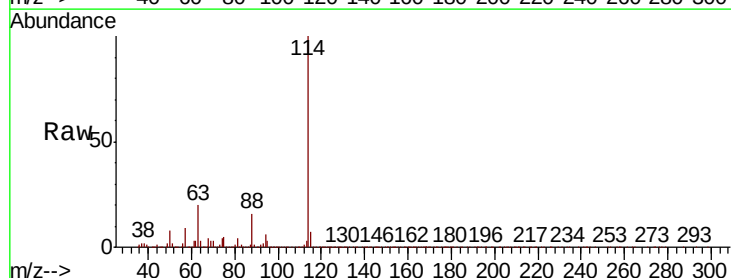
Tgt Ion: 114 Resp: 664187

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.6

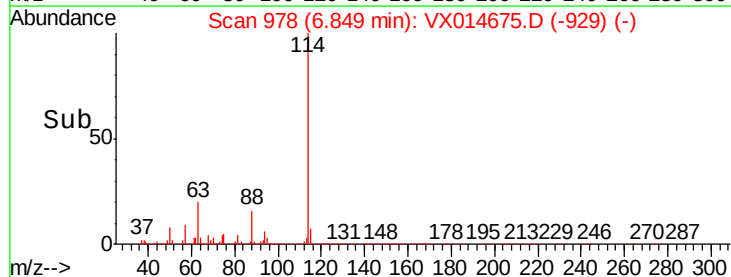
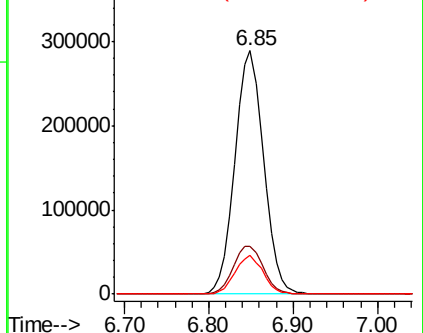
88 15.8 0.0 30.8

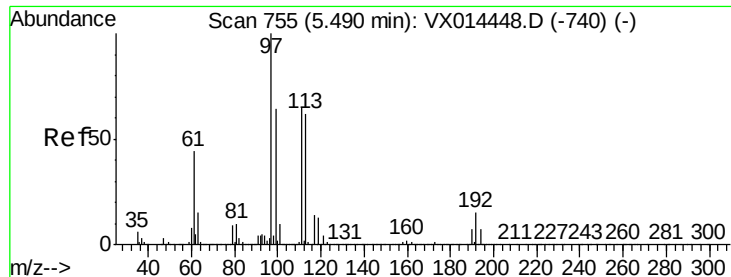


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 54.755 ug/l

RT: 5.48 min Scan# 754

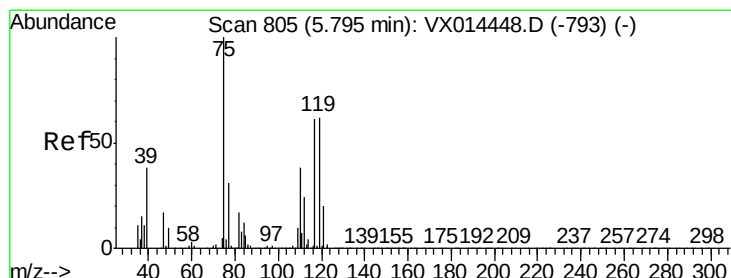
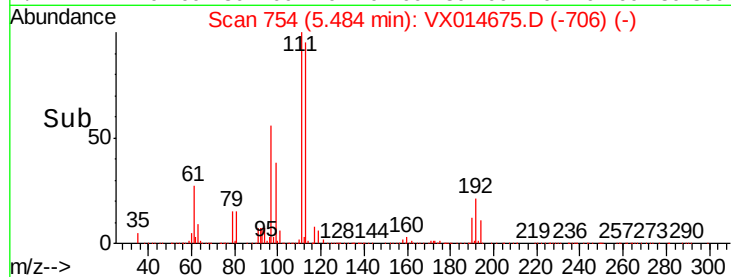
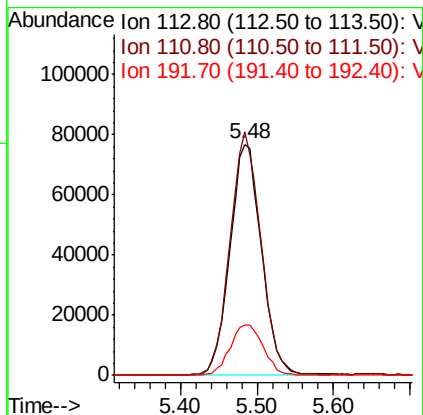
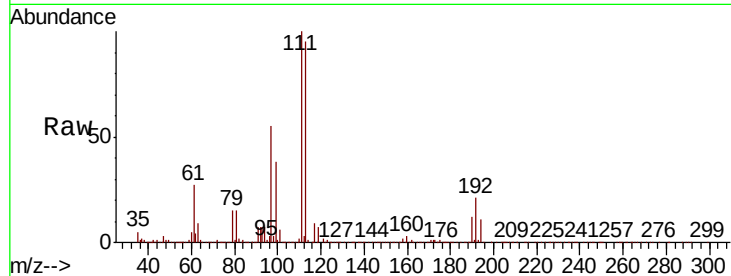
Delta R.T. -0.01 min

Lab File: VX014675.D

Acq: 21 Jan 2020 10:42

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	113	Resp:	220148
Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.5	122.3
192	23.2	19.2	28.8



#36

1,1-Dichloropropene

Concen: 19.909 ug/l

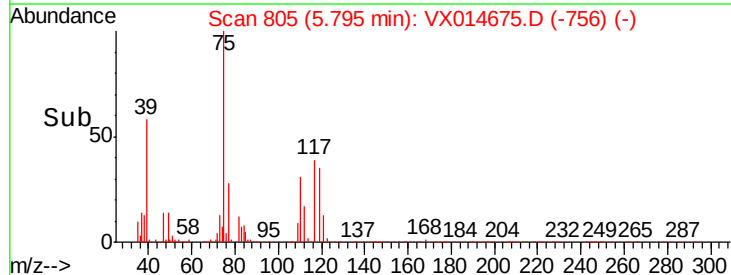
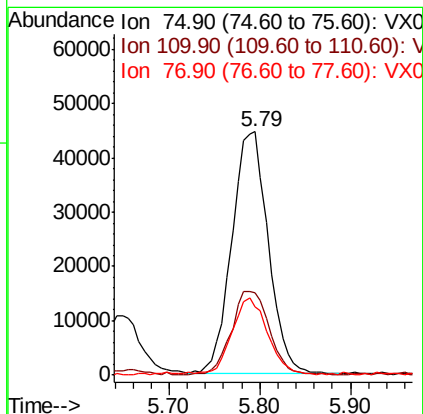
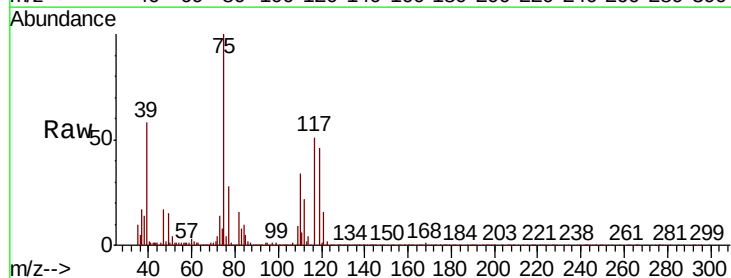
RT: 5.79 min Scan# 805

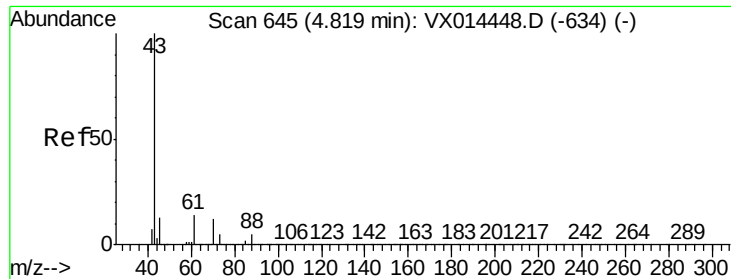
Delta R.T. -0.00 min

Lab File: VX014675.D

Acq: 21 Jan 2020 10:42

Tgt Ion:	75	Resp:	124354
Ion	Ratio	Lower	Upper
75	100		
110	36.6	18.6	55.8
77	30.8	24.5	36.7

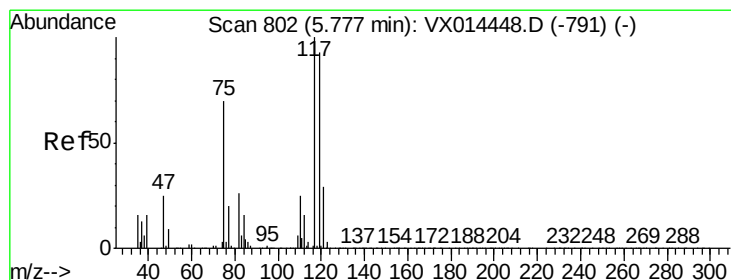
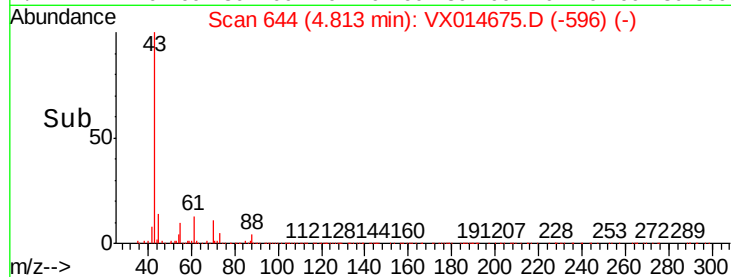
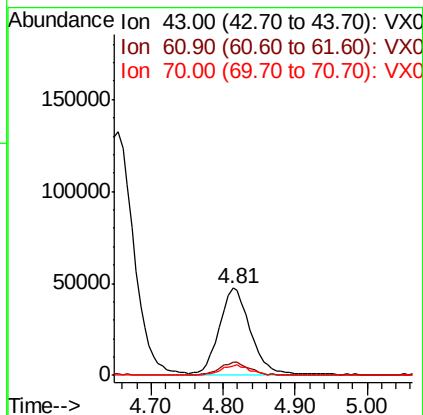
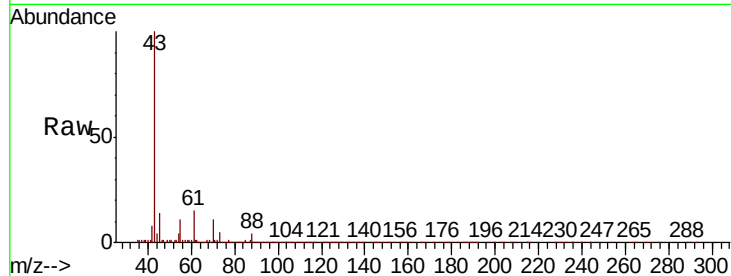




#37
Ethyl Acetate
Concen: 20.754 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX014675.D
Acq: 21 Jan 2020 10:42

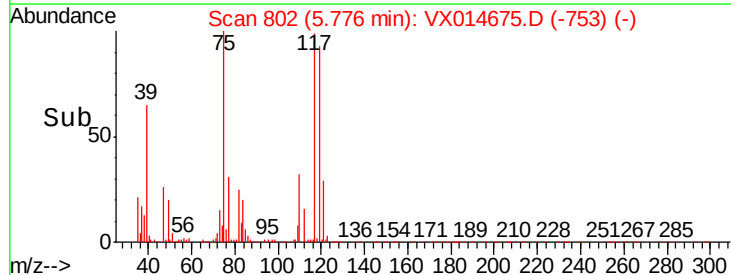
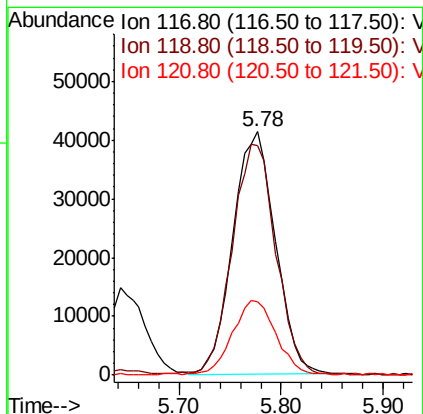
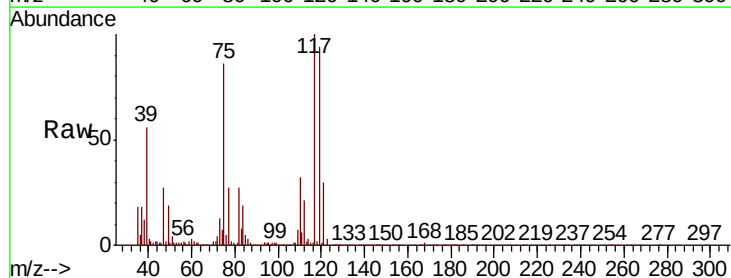
Instrument :
MSVOA_X
ClientSampleId :

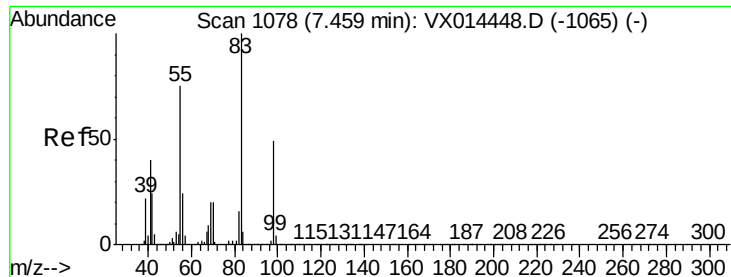
Tot Ion: 43 Resp: 140808
Ion Ratio Lower Upper
43 100
61 15.2 11.1 16.7
70 10.6 8.9 13.3



#38
Carbon Tetrachloride
Concen: 20.780 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX014675.D
Acq: 21 Jan 2020 10:42

Tgt Ion: 117 Resp: 119441
Ion Ratio Lower Upper
117 100
119 94.3 73.8 110.8
121 30.0 23.4 35.0

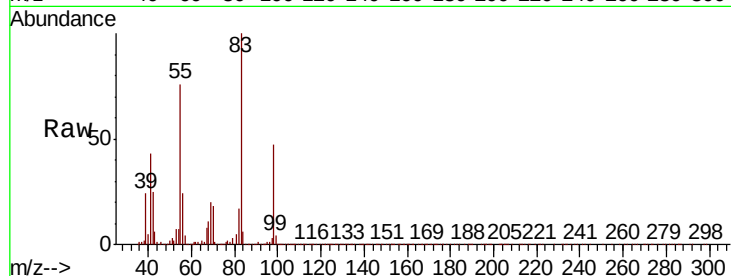




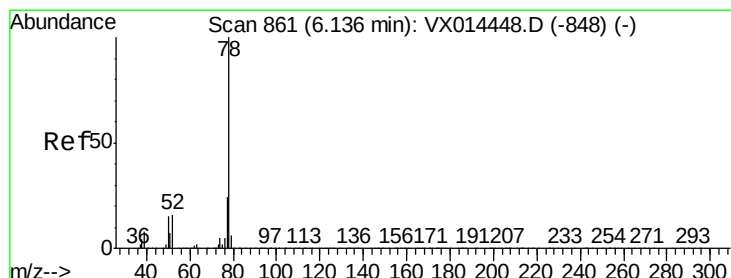
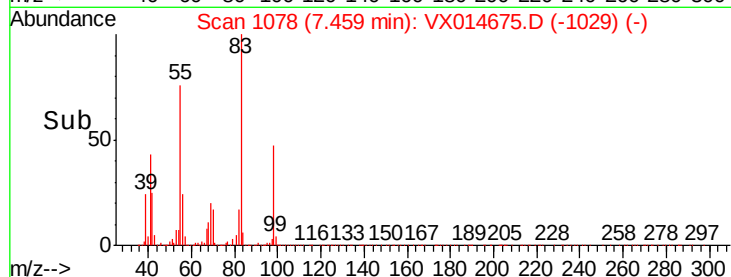
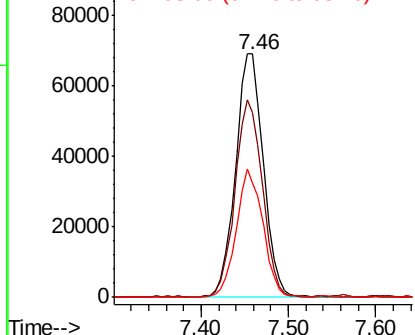
#39
Methylvlcyclohexane
Concen: 19.461 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX014675.D
Acq: 21 Jan 2020 10:42

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.8	59.7	89.5
98	47.1	39.1	58.7

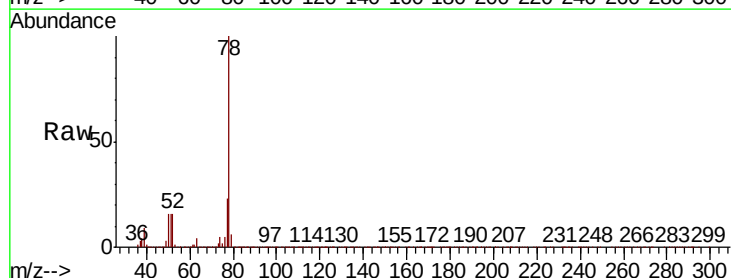


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

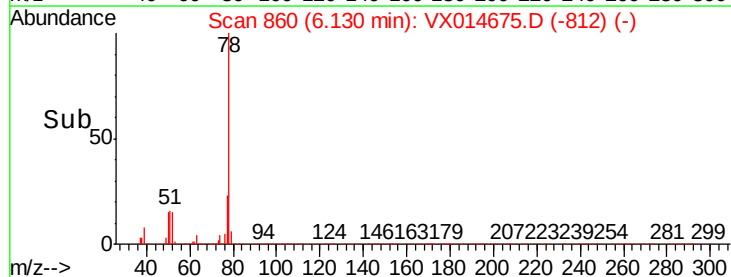
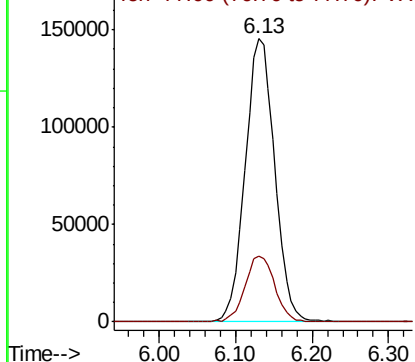


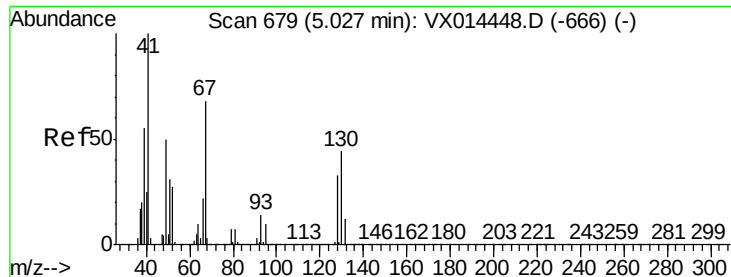
#40
Benzene
Concen: 21.014 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX014675.D
Acq: 21 Jan 2020 10:42

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.5	29.3



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

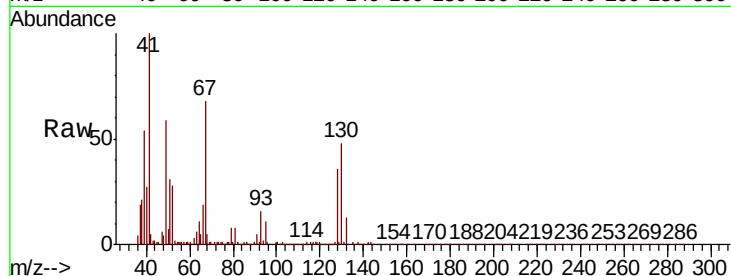




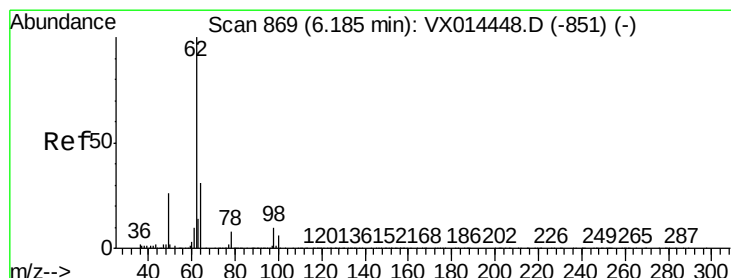
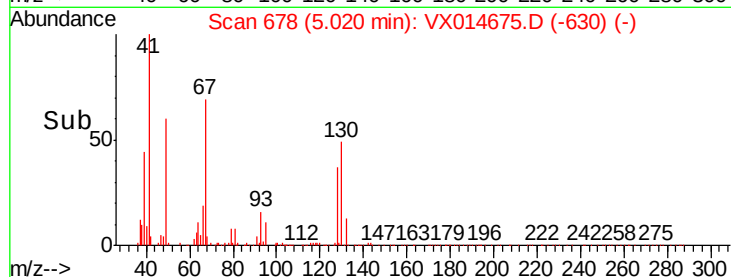
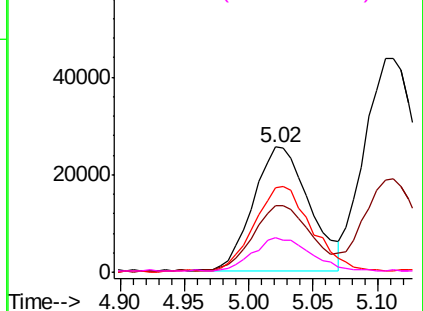
#41
Methacrylonitrile
Concen: 21.179 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX014675.D
Acq: 21 Jan 2020 10:42

Instrument :
MSVOA_X
ClientSampleID :

Tot Ion:	41	Resp:	76627
Ion	Ratio	Lower	Upper
41	100		
39	54.4	43.6	65.4
67	69.8	57.9	86.9
52	29.1	23.0	34.6

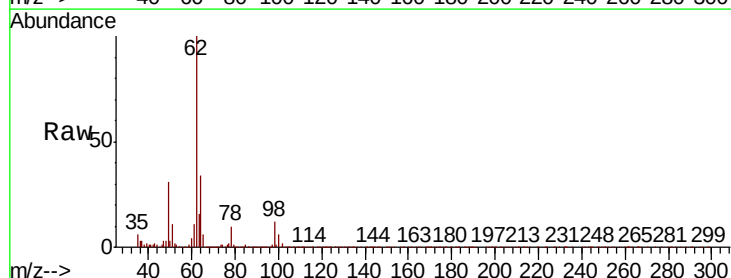


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

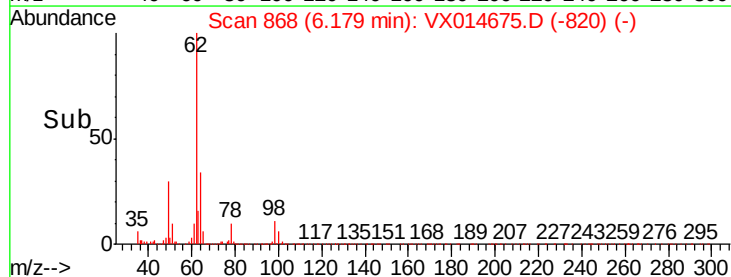
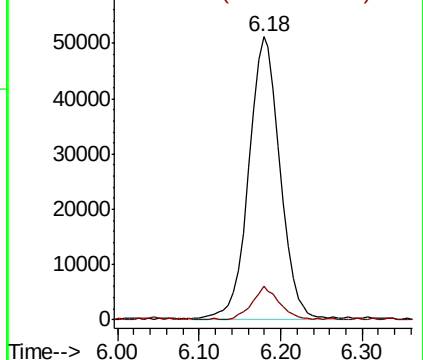


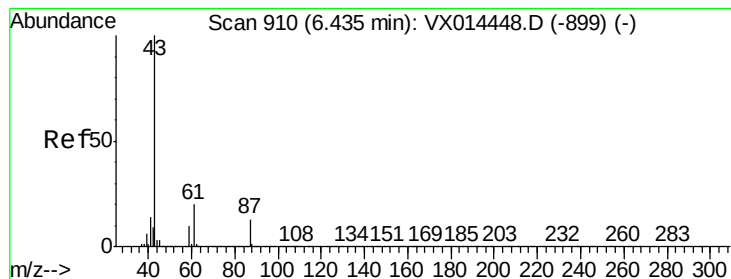
#42
1,2-Dichloroethane
Concen: 21.006 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX014675.D
Acq: 21 Jan 2020 10:42

Tgt Ion:	62	Resp:	136154
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: 20.774 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014675.D

Acq: 21 Jan 2020 10:42

Instrument :

MSVOA_X

ClientSampleId :

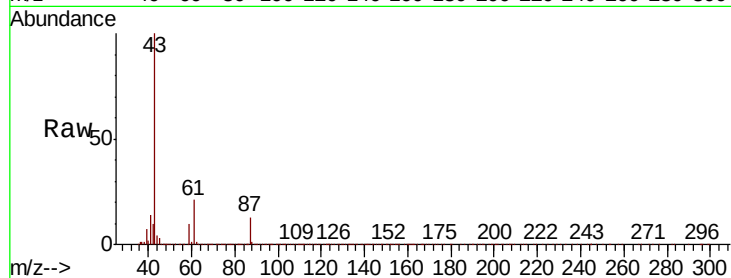
Tot Ion: 43 Resp: 227686

Ion Ratio Lower Upper

43 100

61 19.7 16.6 24.8

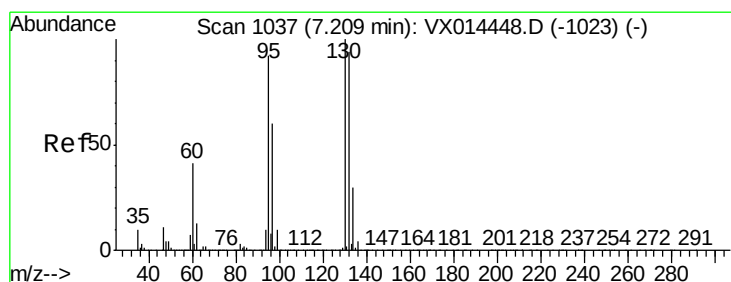
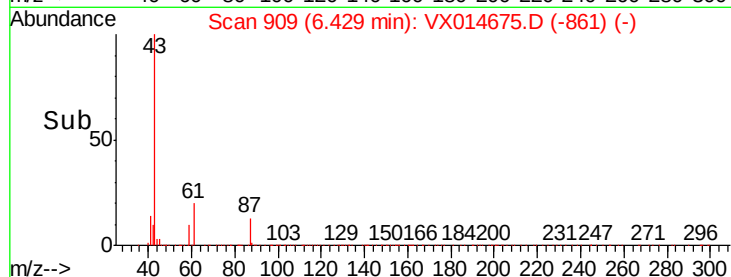
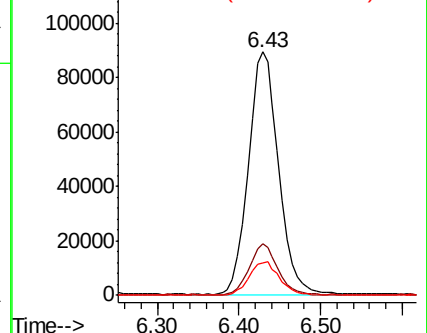
87 13.7 10.8 16.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 20.247 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014675.D

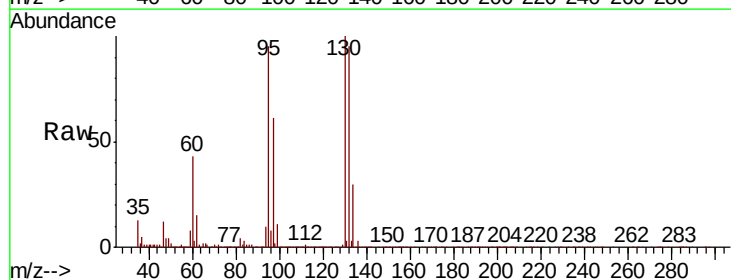
Acq: 21 Jan 2020 10:42

Tgt Ion:130 Resp: 107865

Ion Ratio Lower Upper

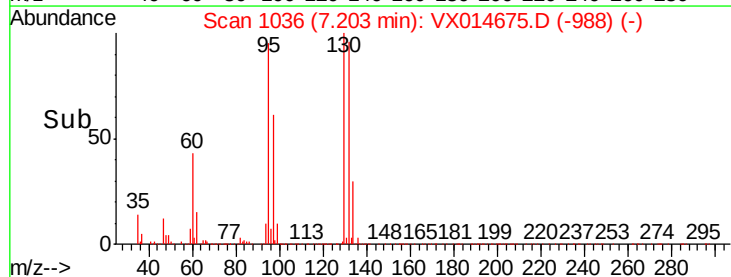
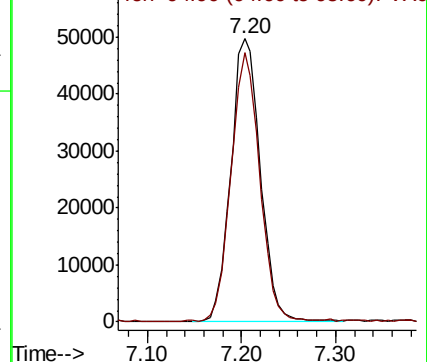
130 100

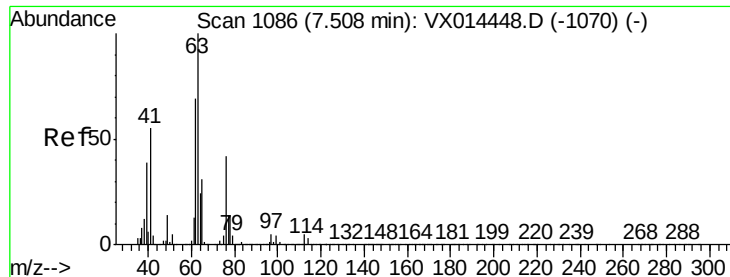
95 94.7 0.0 184.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 22.259 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX014675.D

Acq: 21 Jan 2020 10:42

Instrument :

MSVOA_X

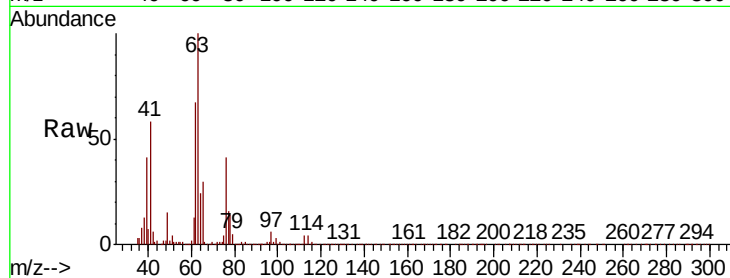
ClientSampleId :

Tot Ion: 63 Resp: 105202

Ion Ratio Lower Upper

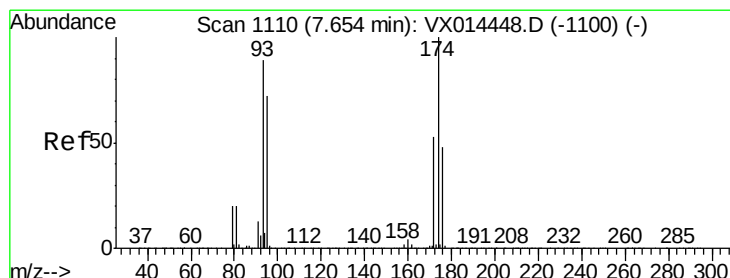
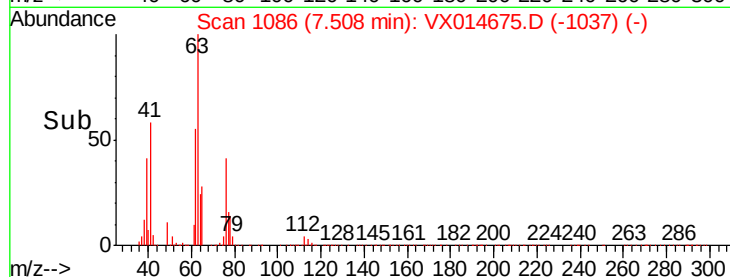
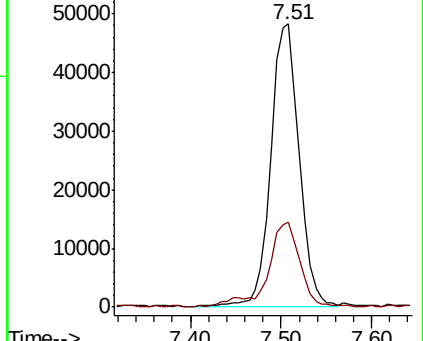
63 100

65 30.1 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 20.022 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX014675.D

Acq: 21 Jan 2020 10:42

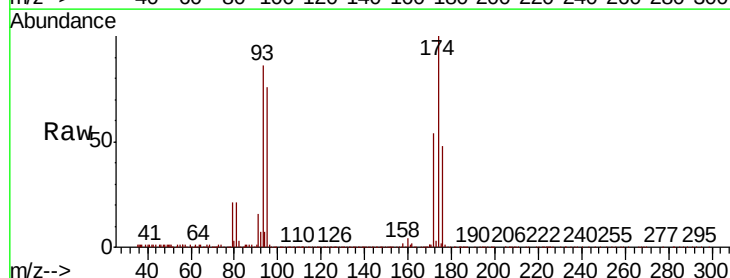
Tgt Ion: 93 Resp: 66047

Ion Ratio Lower Upper

93 100

95 84.4 65.4 98.2

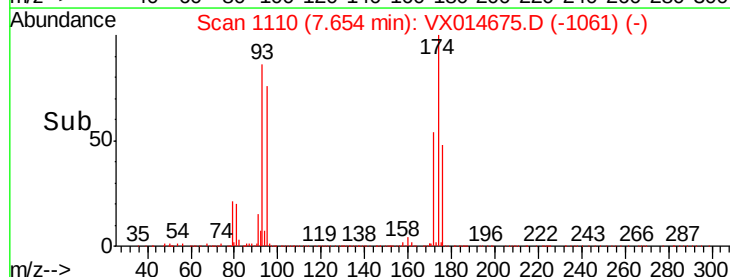
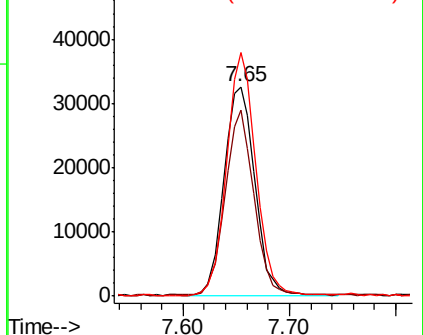
174 111.5 93.0 139.4

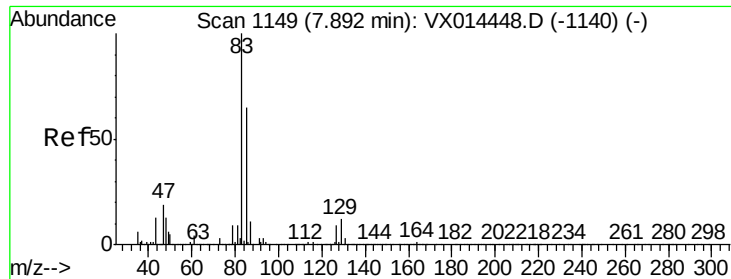


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 21.130 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014675.D

Acq: 21 Jan 2020 10:42

Instrument :

MSVOA_X

ClientSampleId :

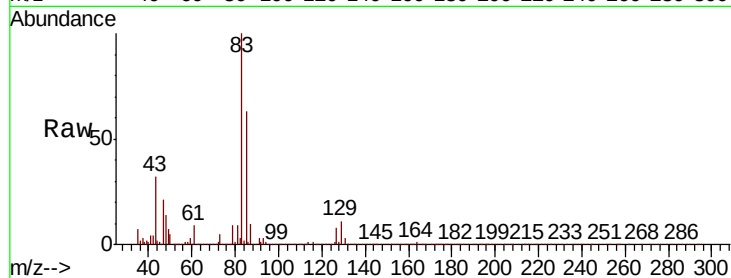
Tot Ion: 83 Resp: 126833

Ion Ratio Lower Upper

83 100

85 63.3 51.7 77.5

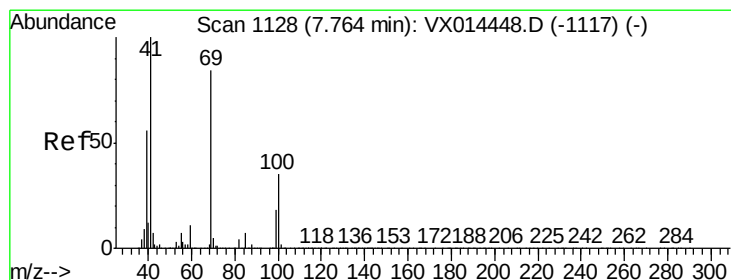
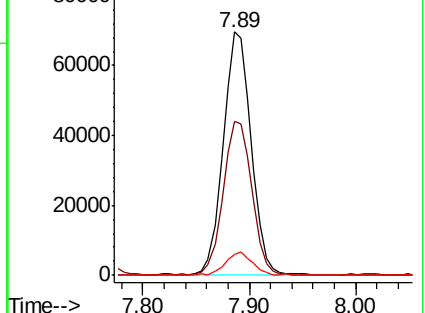
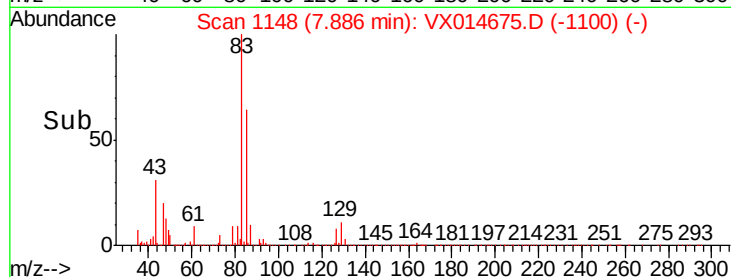
127 8.2 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 20.988 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX014675.D

Acq: 21 Jan 2020 10:42

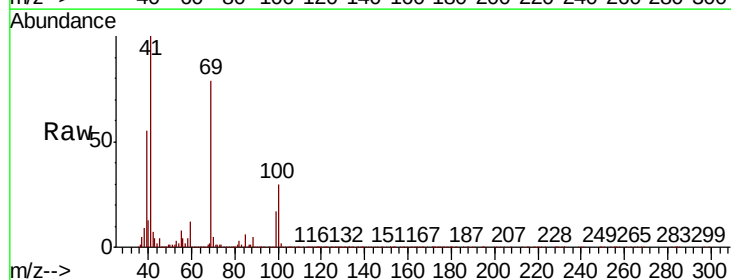
Tgt Ion: 41 Resp: 110168

Ion Ratio Lower Upper

41 100

69 80.9 65.5 98.3

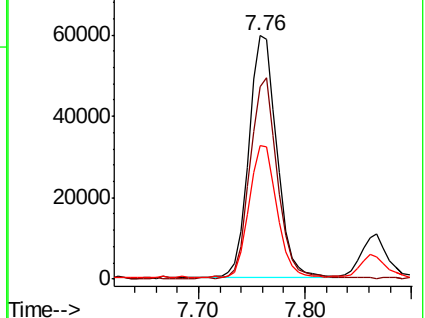
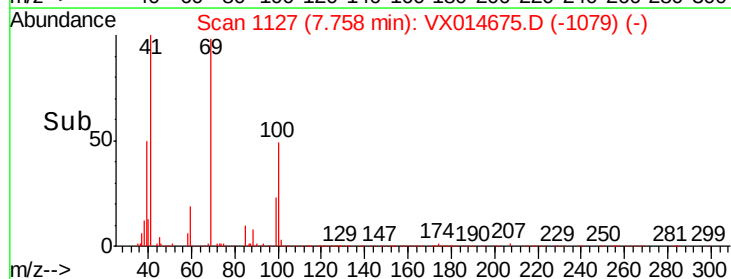
39 54.9 43.9 65.9

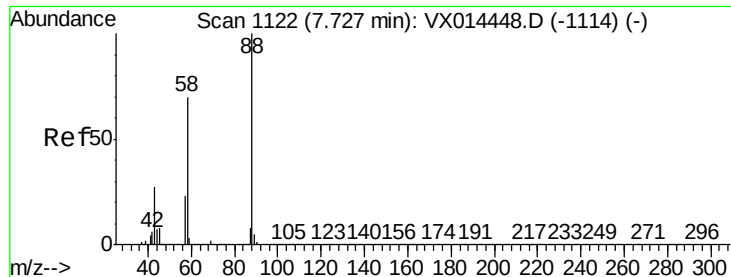


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 391.385 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.00 min

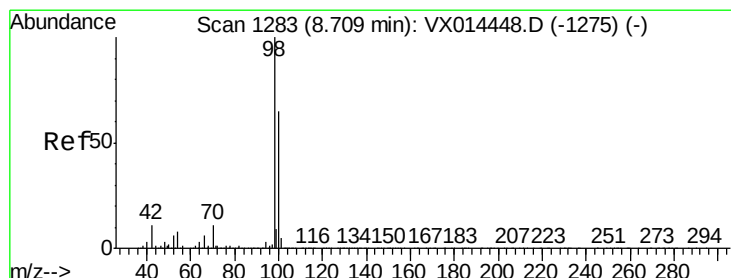
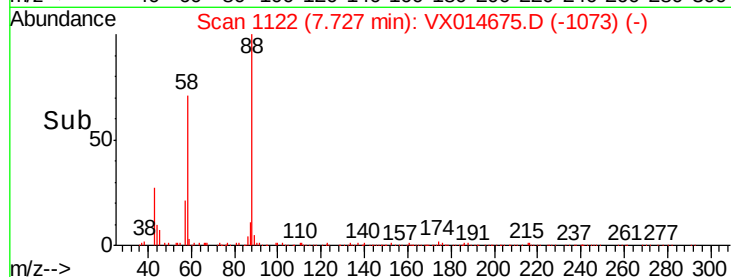
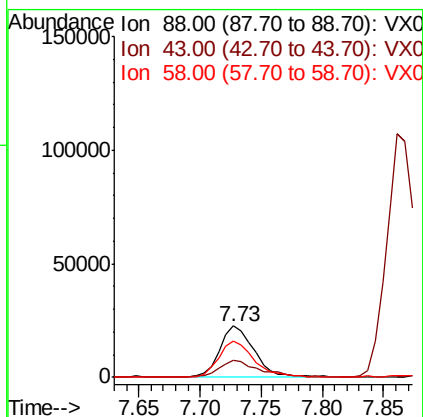
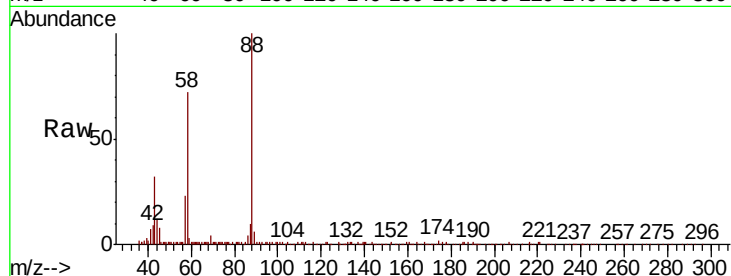
Lab File: VX014675.D

Acq: 21 Jan 2020 10:42

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 88 Resp: 43532

Ion	Ratio	Lower	Upper
88	100		
43	43.1	27.4	41.0#
58	73.1	57.1	85.7



#50

Toluene-d8

Concen: 54.296 ug/l

RT: 8.71 min Scan# 1283

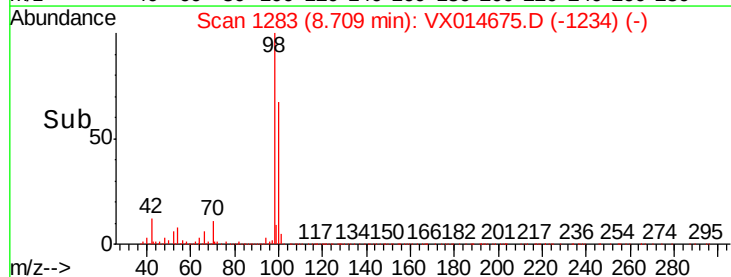
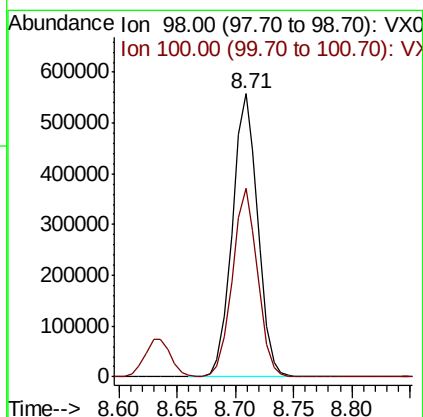
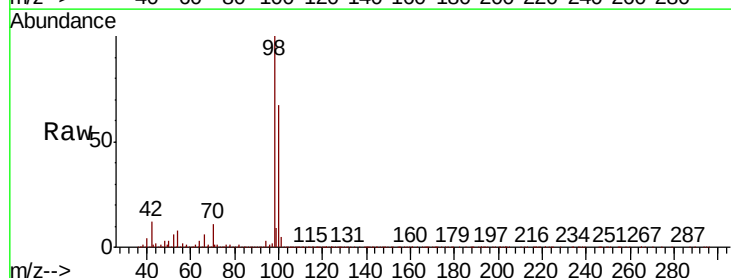
Delta R.T. -0.00 min

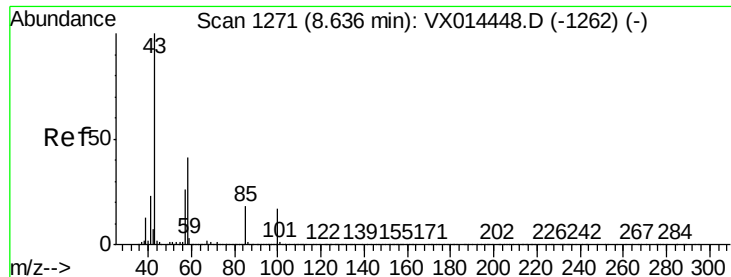
Lab File: VX014675.D

Acq: 21 Jan 2020 10:42

Tgt Ion: 98 Resp: 847167

Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.2	79.8





#51

4-Methyl-2-Pentanone

Concen: 108.809 ug/l

RT: 8.63 min Scan# 1270

Delta R.T. -0.01 min

Lab File: VX014675.D

Acq: 21 Jan 2020 10:42

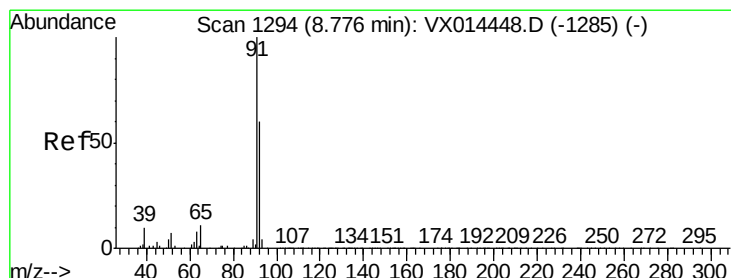
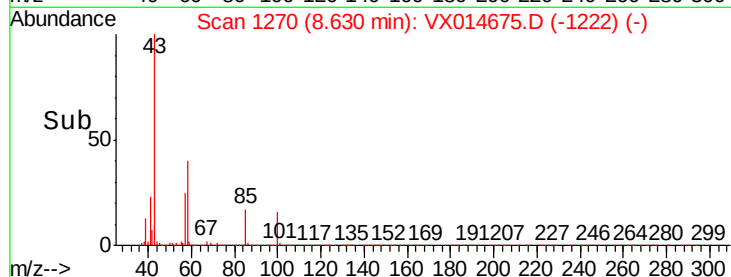
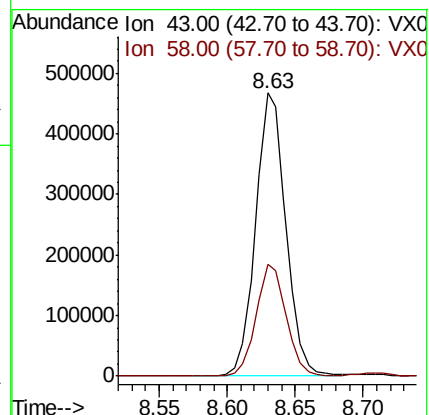
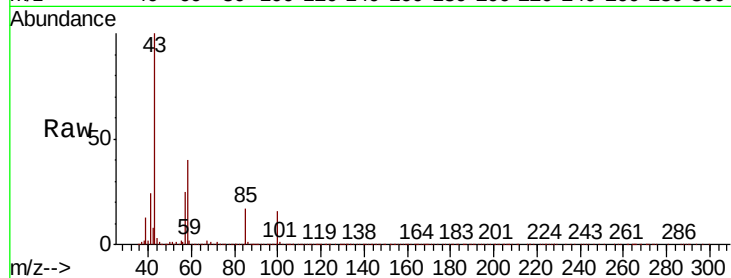
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 726698

Ion Ratio Lower Upper

43 100

58 39.3 32.4 48.6



#52

Toluene

Concen: 20.500 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX014675.D

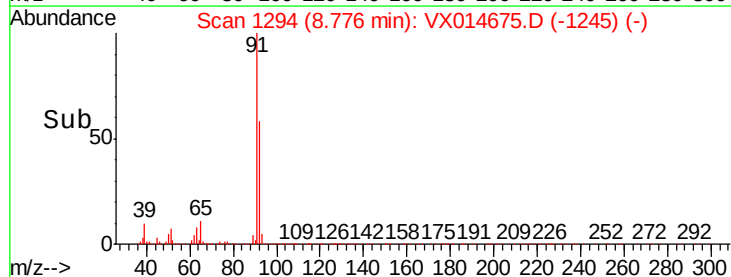
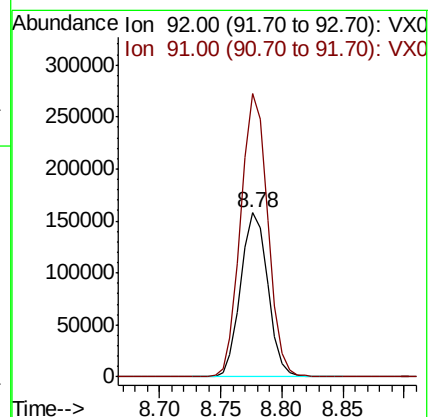
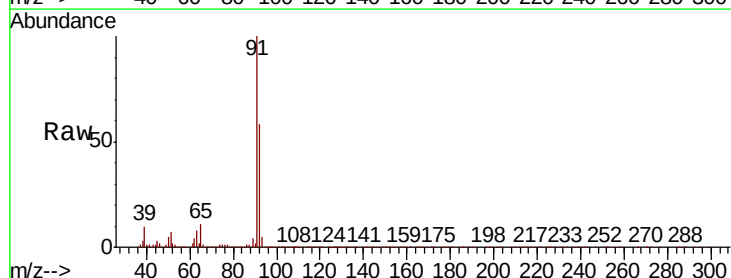
Acq: 21 Jan 2020 10:42

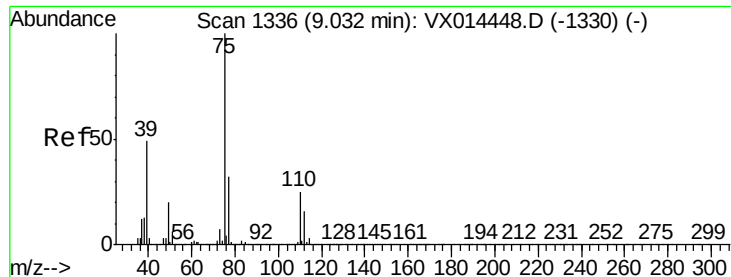
Tgt Ion: 92 Resp: 243272

Ion Ratio Lower Upper

92 100

91 171.5 135.7 203.5

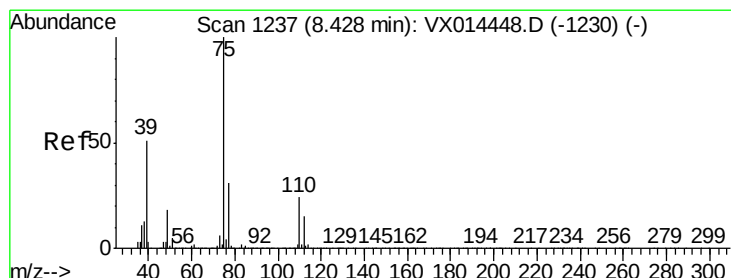
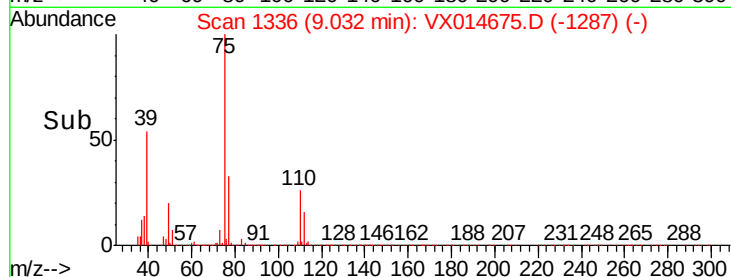
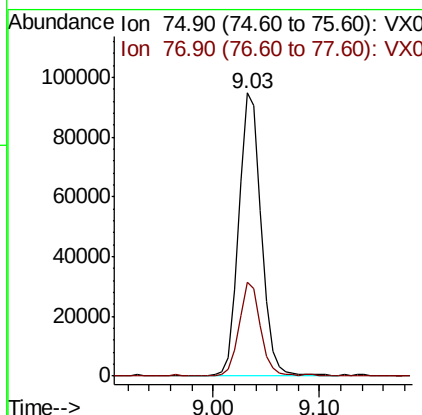
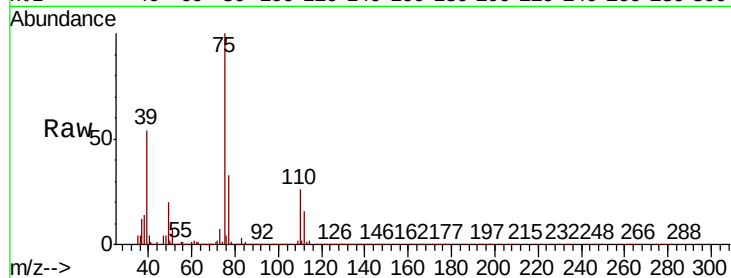




#53
t-1,3-Dichloropropene
Concen: 20.024 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.00 min
Lab File: VX014675.D
Acq: 21 Jan 2020 10:42

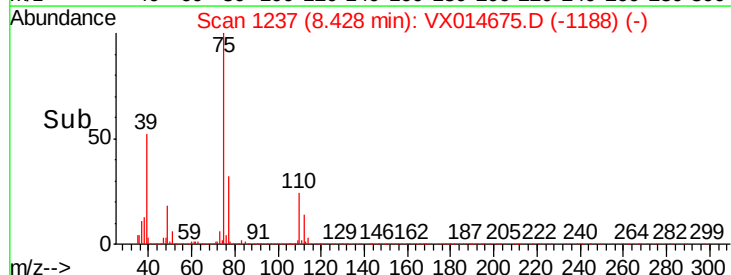
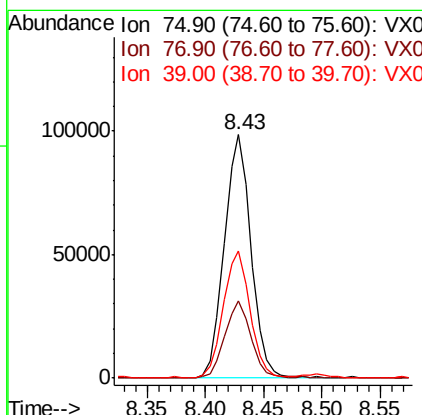
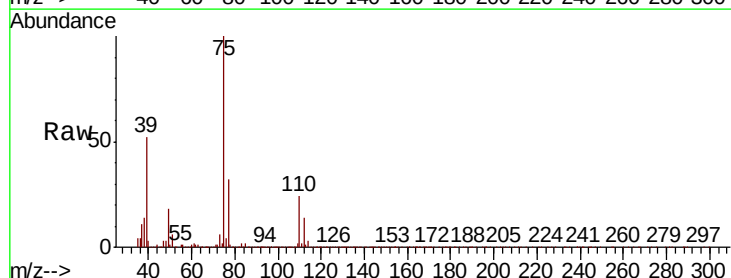
Instrument :
MSVOA_X
ClientSampled :

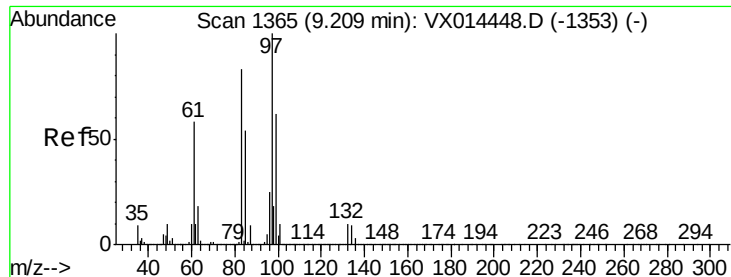
Tot Ion: 75 Resp: 139935
Ion Ratio Lower Upper
75 100
77 33.2 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 20.814 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX014675.D
Acq: 21 Jan 2020 10:42

Tgt Ion: 75 Resp: 157127
Ion Ratio Lower Upper
75 100
77 31.7 25.0 37.4
39 51.9 40.7 61.1

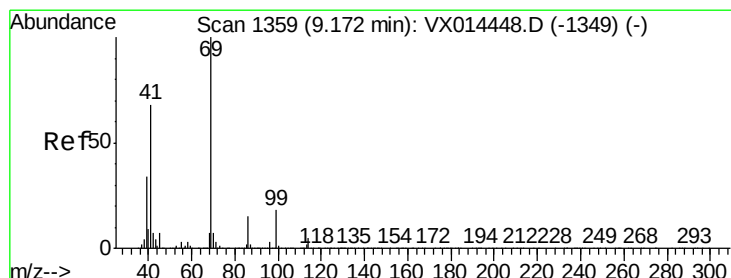
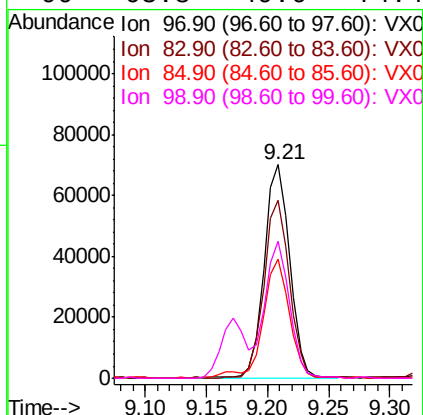
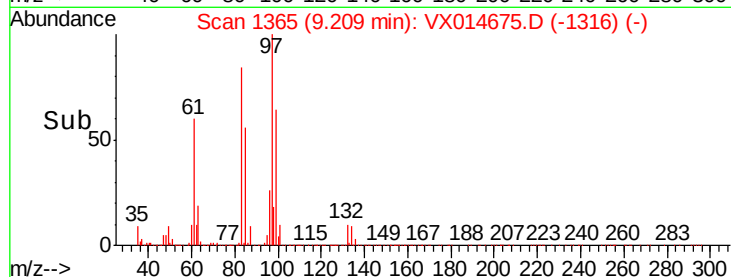
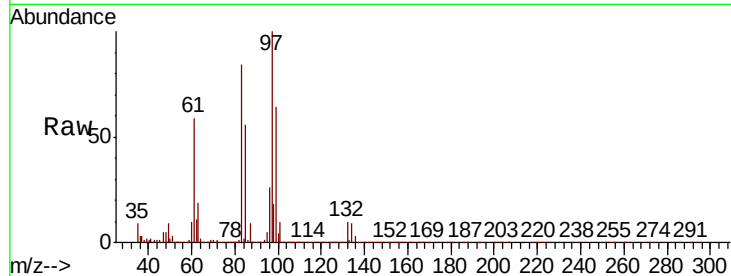




#55
 1,1,2-Trichloroethane
 Concen: 21.586 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX014675.D
 Acq: 21 Jan 2020 10:42

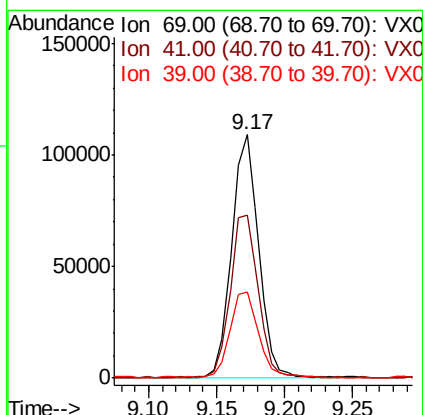
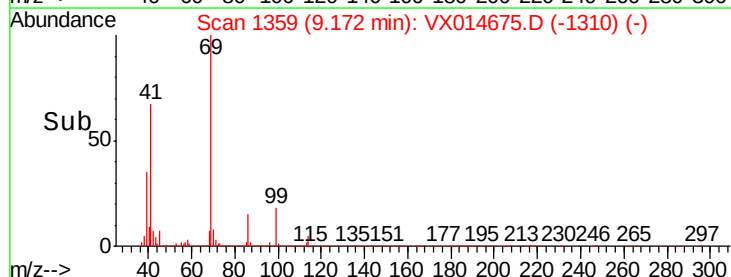
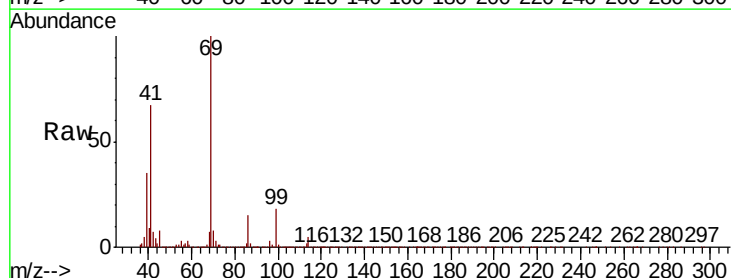
Instrument :
 MSVOA_X
 ClientSampled :

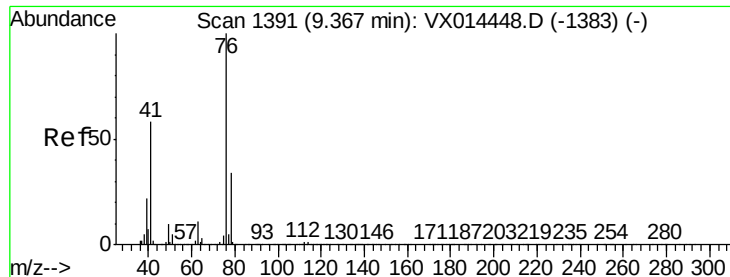
Tot Ion:	97	Resp:	102890
Ion	Ratio	Lower	Upper
97	100		
83	83.3	66.4	99.6
85	55.3	43.4	65.2
99	63.8	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 20.664 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX014675.D
 Acq: 21 Jan 2020 10:42

Tgt Ion:	69	Resp:	150903
Ion	Ratio	Lower	Upper
69	100		
41	69.5	54.2	81.2
39	36.8	28.2	42.2





#57

1,3-Dichloropropane

Concen: 21.202 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014675.D

Acq: 21 Jan 2020 10:42

Instrument :

MSVOA_X

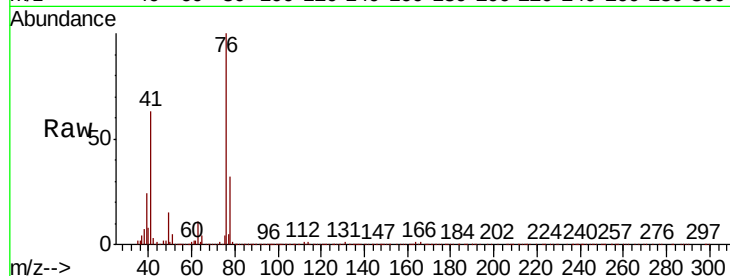
ClientSampleId :

Tot Ion: 76 Resp: 168977

Ion Ratio Lower Upper

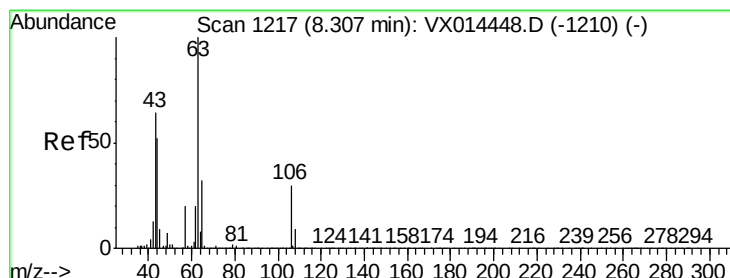
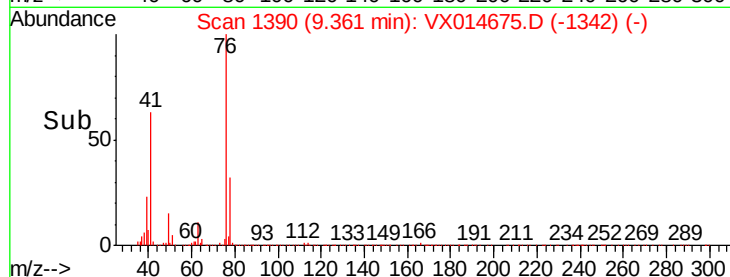
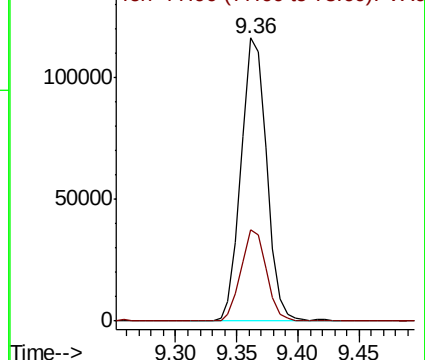
76 100

78 31.6 26.4 39.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 100.354 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX014675.D

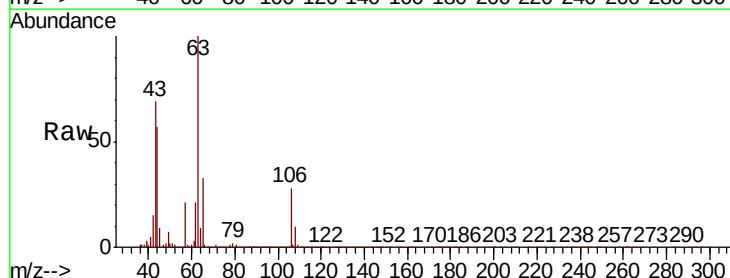
Acq: 21 Jan 2020 10:42

Tgt Ion: 63 Resp: 249339

Ion Ratio Lower Upper

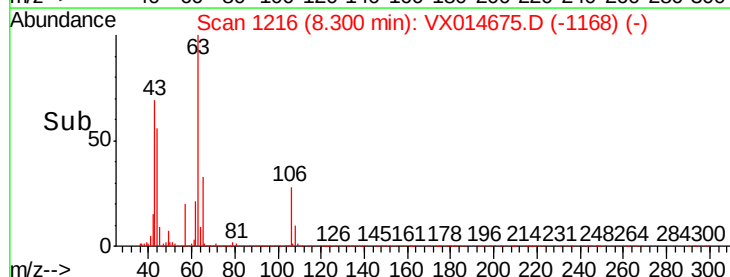
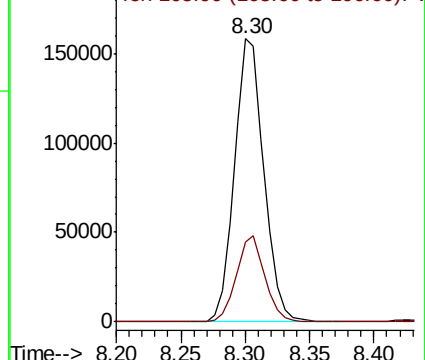
63 100

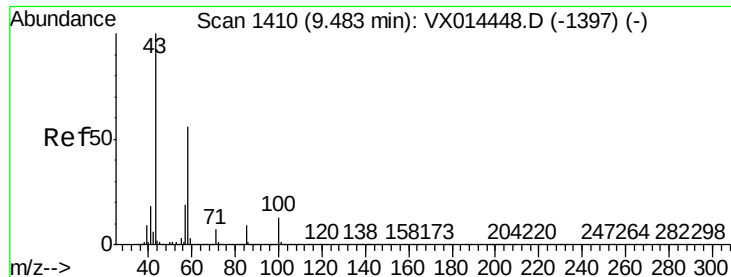
106 29.3 23.6 35.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

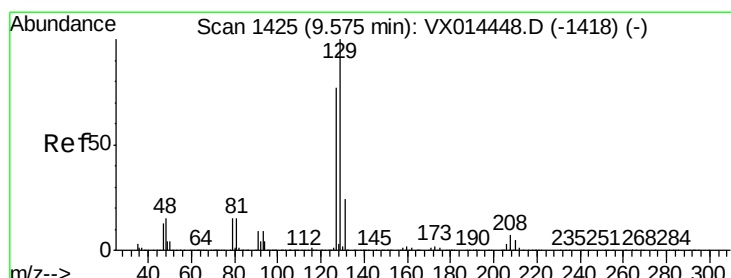
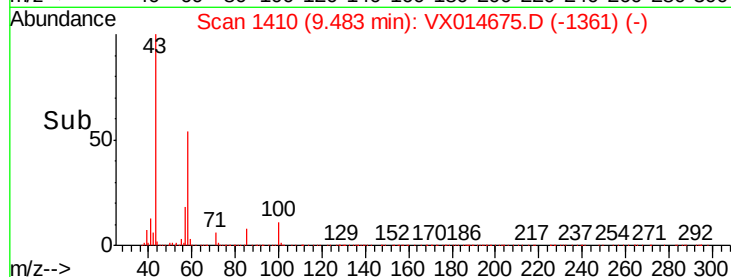
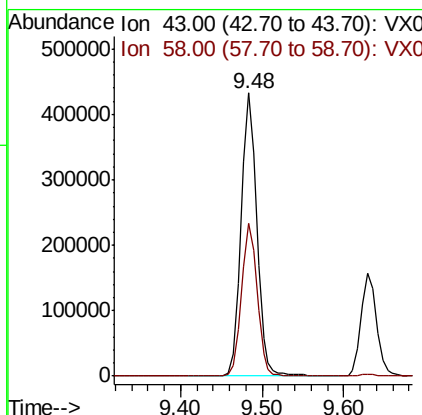
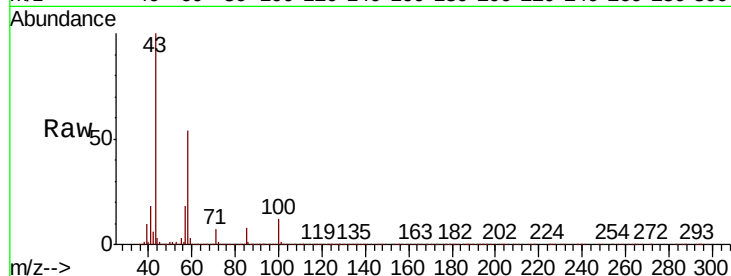




#59
2-Hexanone
Concen: 107.969 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX014675.D
Acq: 21 Jan 2020 10:42

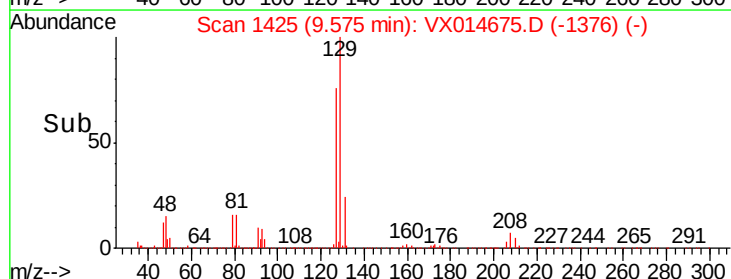
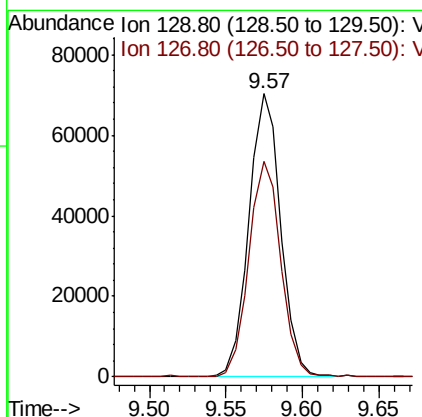
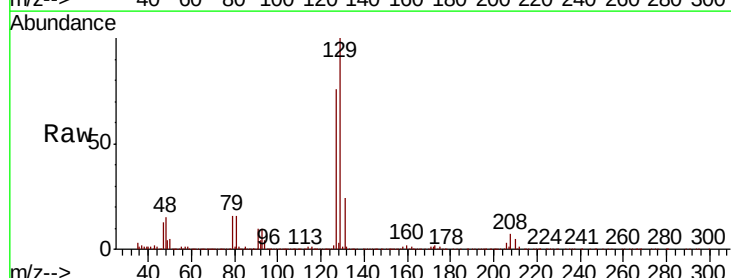
Instrument :
MSVOA_X
ClientSampled :

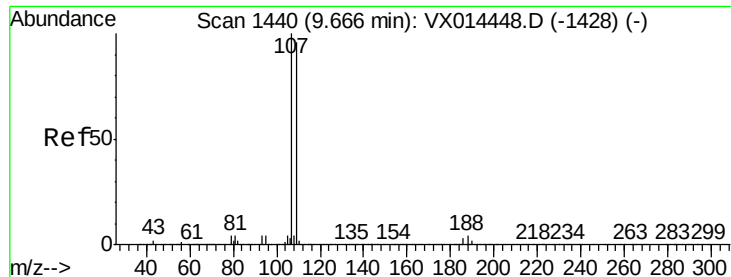
Tot Ion: 43 Resp: 570559
Ion Ratio Lower Upper
43 100
58 54.3 27.9 83.7



#60
Dibromochloromethane
Concen: 21.185 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX014675.D
Acq: 21 Jan 2020 10:42

Tgt Ion: 129 Resp: 101495
Ion Ratio Lower Upper
129 100
127 76.1 38.6 116.0





#61

1,2-Dibromoethane

Concen: 20.980 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX014675.D

Acq: 21 Jan 2020 10:42

Instrument :

MSVOA_X

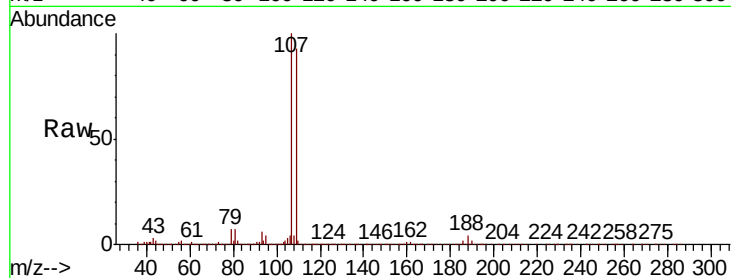
ClientSampleId :

Tot Ion:107 Resp: 105931

Ion Ratio Lower Upper

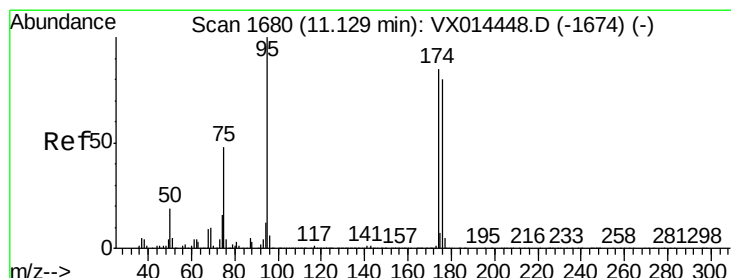
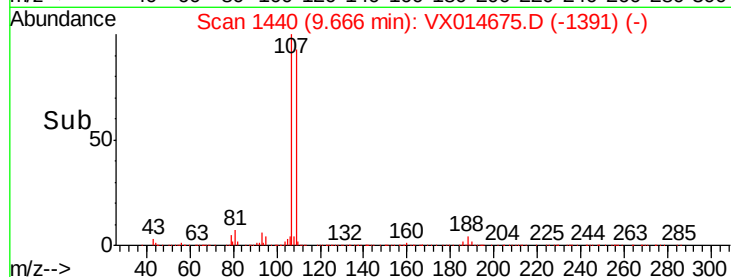
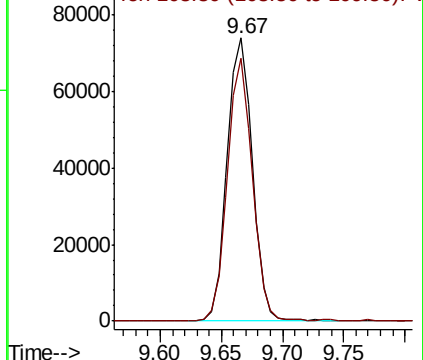
107 100

109 91.3 76.5 114.7



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 52.228 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX014675.D

Acq: 21 Jan 2020 10:42

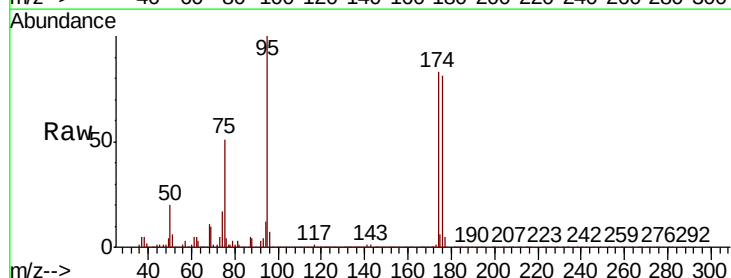
Tgt Ion: 95 Resp: 299159

Ion Ratio Lower Upper

95 100

174 88.6 0.0 180.8

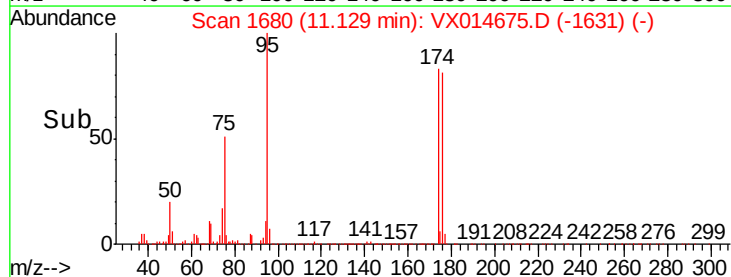
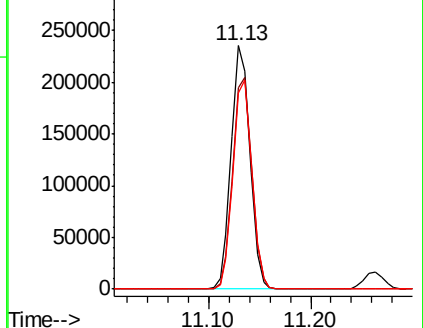
176 86.6 0.0 172.8

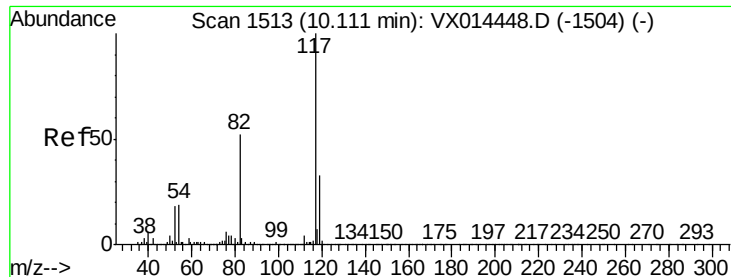


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

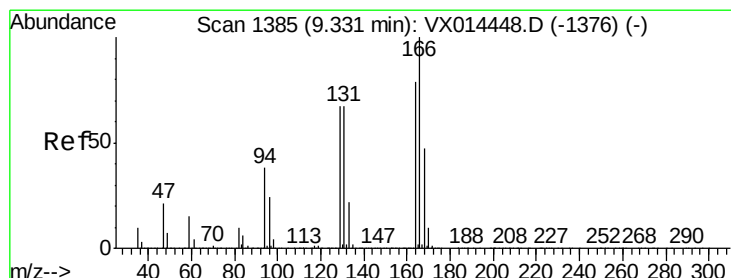
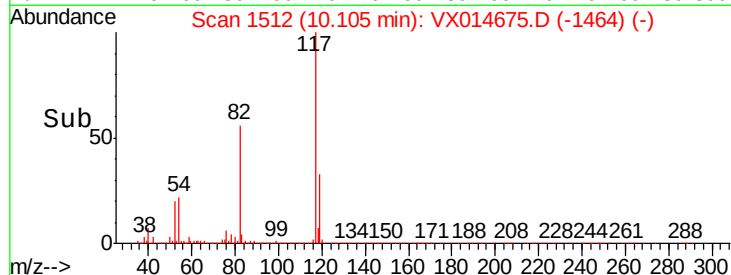
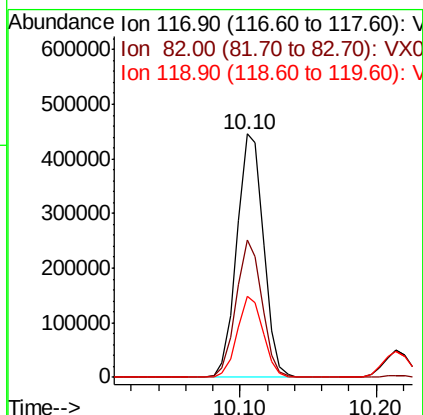
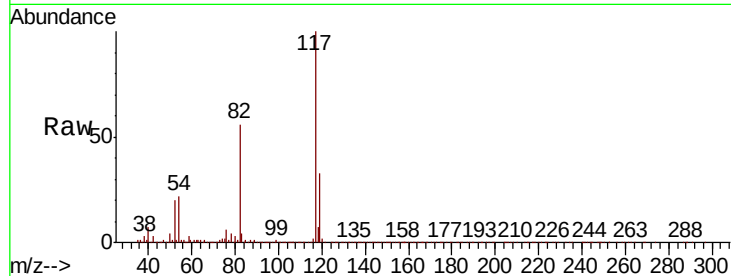




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014675.D
Acq: 21 Jan 2020 10:42

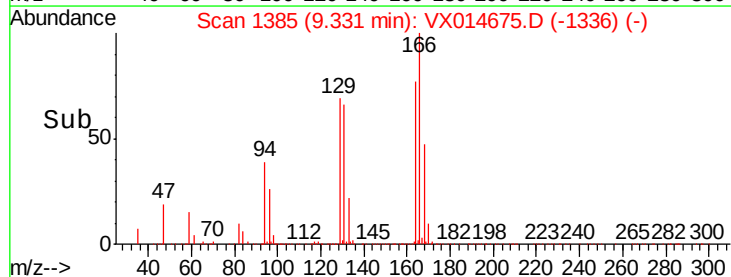
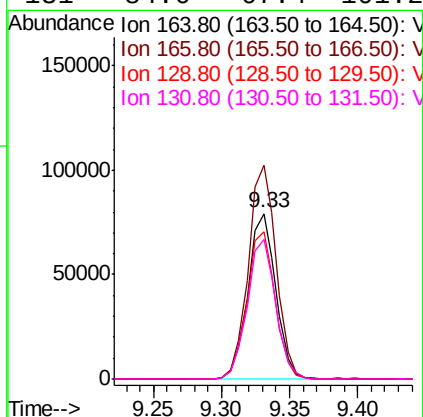
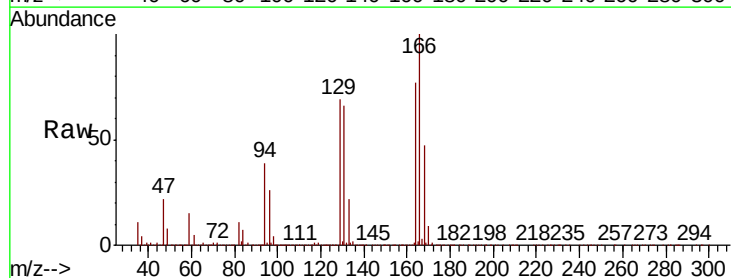
Instrument :
MSVOA_X
ClientSampled :

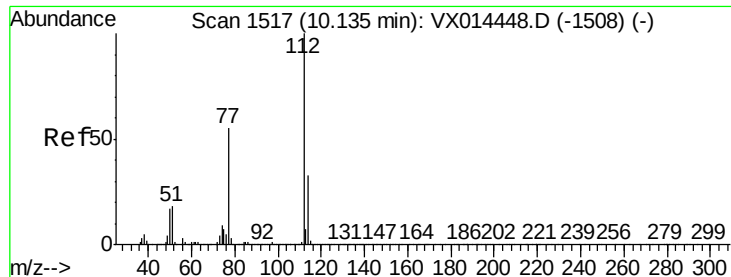
Tot Ion:117 Resp: 609972
Ion Ratio Lower Upper
117 100
82 56.4 41.8 62.6
119 33.1 26.2 39.4



#64
Tetrachloroethene
Concen: 18.631 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX014675.D
Acq: 21 Jan 2020 10:42

Tgt Ion:164 Resp: 113894
Ion Ratio Lower Upper
164 100
166 129.2 101.2 151.8
129 88.7 68.3 102.5
131 84.6 67.4 101.2





#65

Chlorobenzene

Concen: 19.966 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014675.D

Acq: 21 Jan 2020 10:42

Instrument :

MSVOA_X

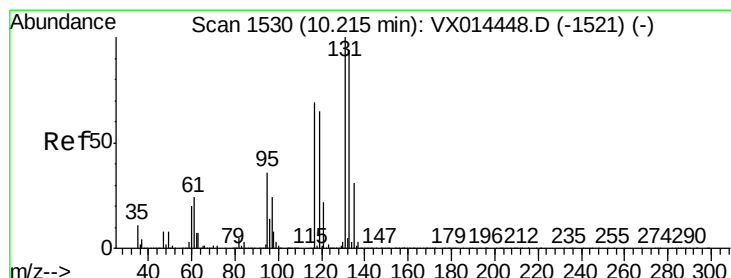
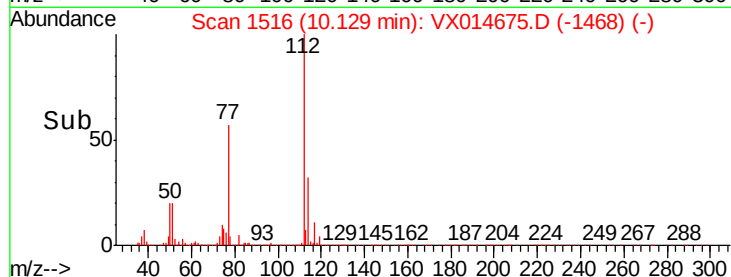
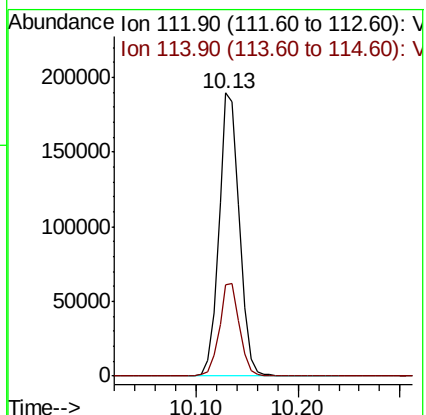
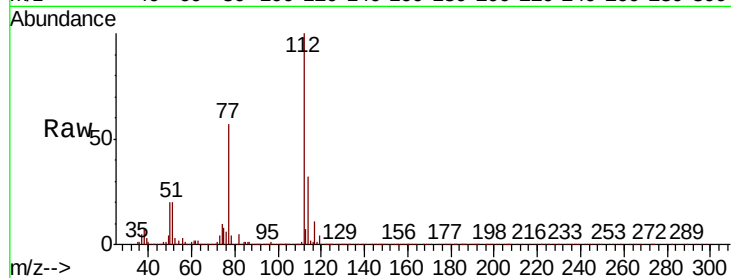
ClientSampleId :

Tot Ion:112 Resp: 264290

Ion Ratio Lower Upper

112 100

114 32.0 26.2 39.4



#66

1,1,1,2-Tetrachloroethane

Concen: 20.467 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX014675.D

Acq: 21 Jan 2020 10:42

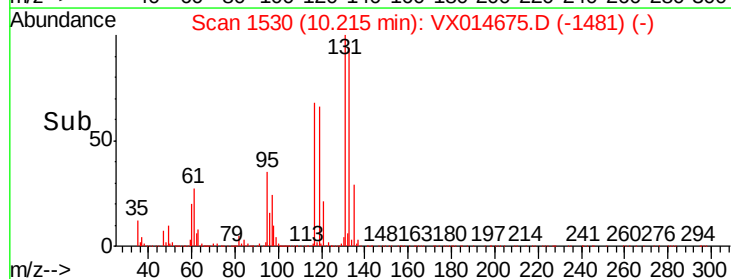
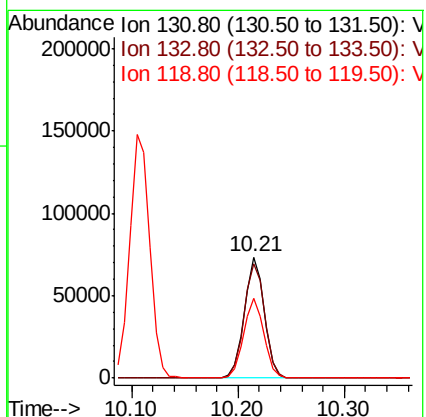
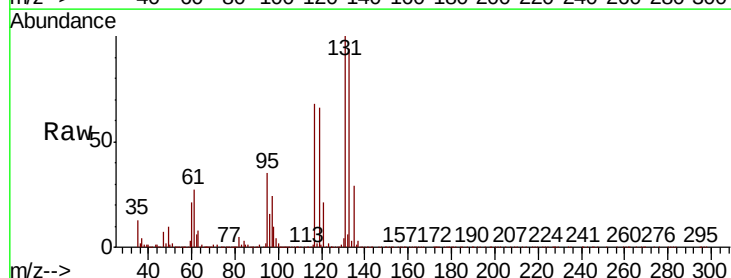
Tgt Ion:131 Resp: 96685

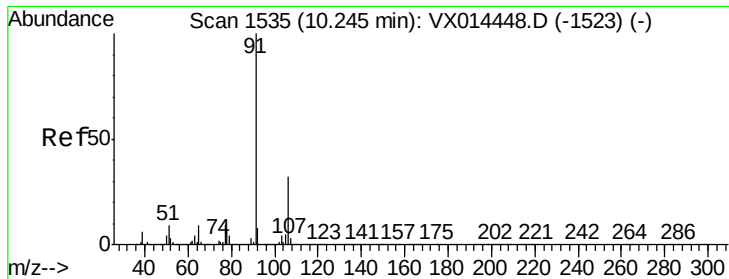
Ion Ratio Lower Upper

131 100

133 97.7 47.3 142.0

119 66.8 32.8 98.4





#67

Ethyl Benzene

Concen: 20.291 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX014675.D

Acq: 21 Jan 2020 10:42

Instrument :

MSVOA_X

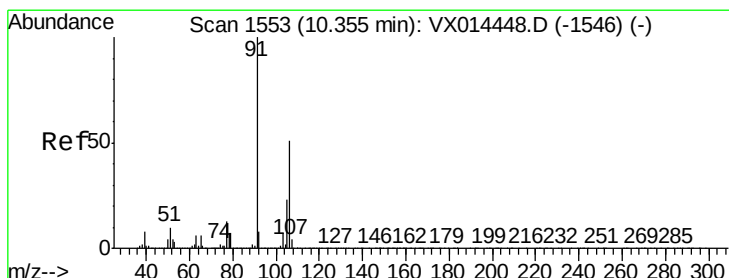
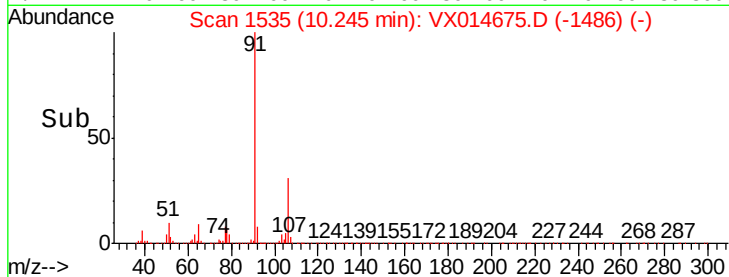
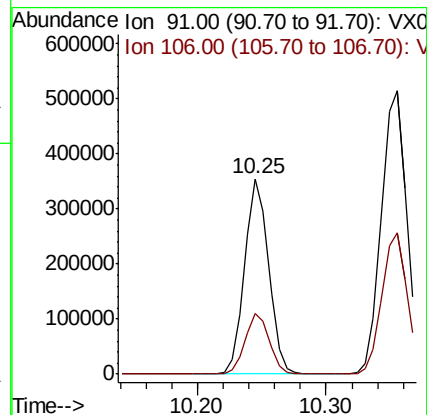
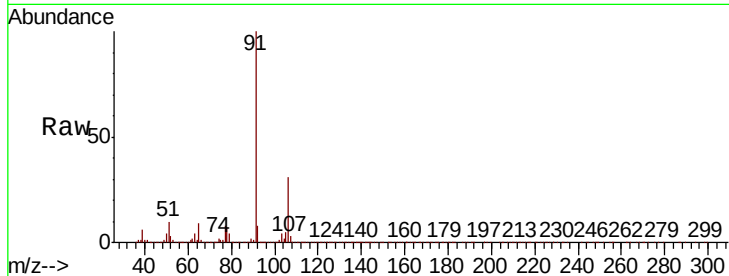
ClientSampled :

Tot Ion: 91 Resp: 457813

Ion Ratio Lower Upper

91 100

106 31.2 25.6 38.4



#68

m/p-Xylenes

Concen: 40.116 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX014675.D

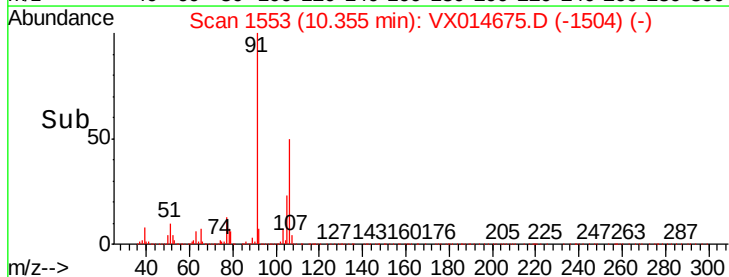
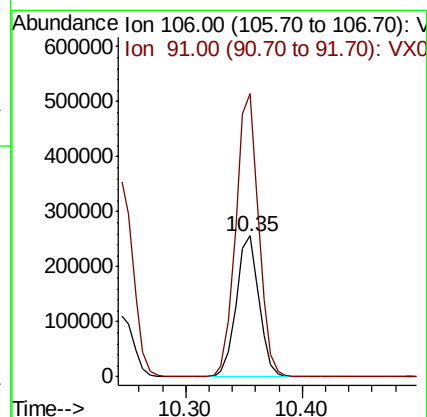
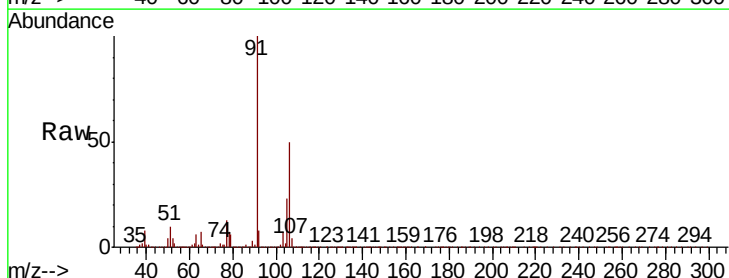
Acq: 21 Jan 2020 10:42

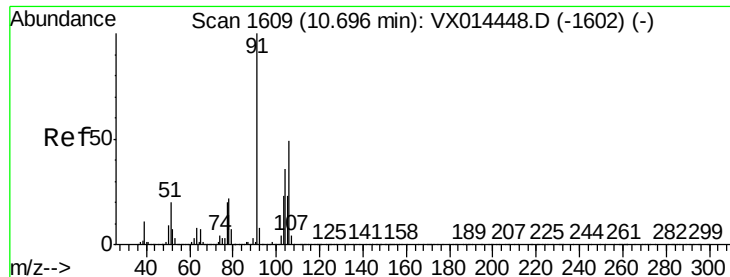
Tgt Ion: 106 Resp: 349189

Ion Ratio Lower Upper

106 100

91 201.4 157.4 236.0

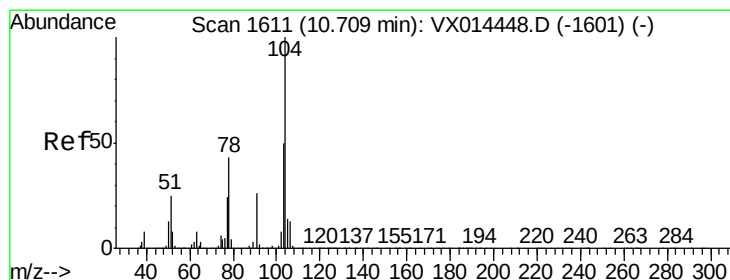
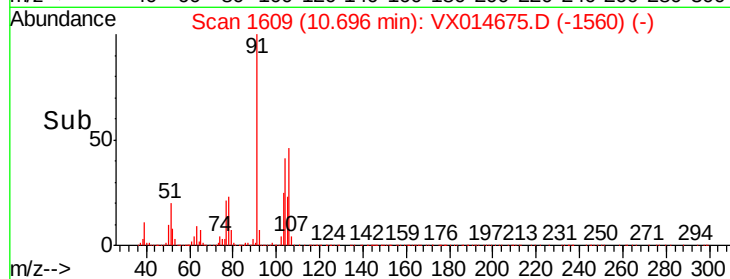
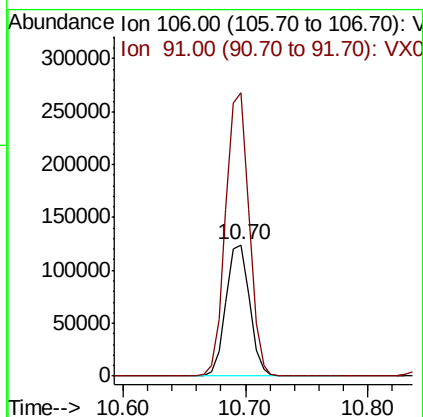
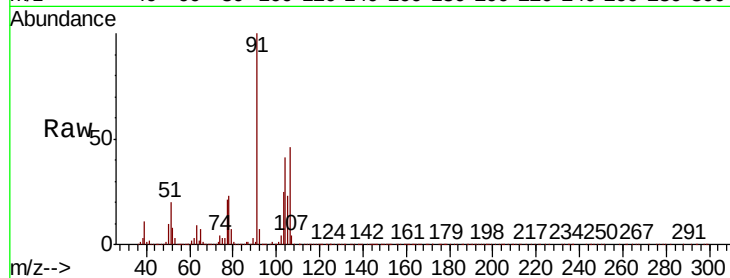




#69
o-Xylene
Concen: 20.063 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX014675.D
Acq: 21 Jan 2020 10:42

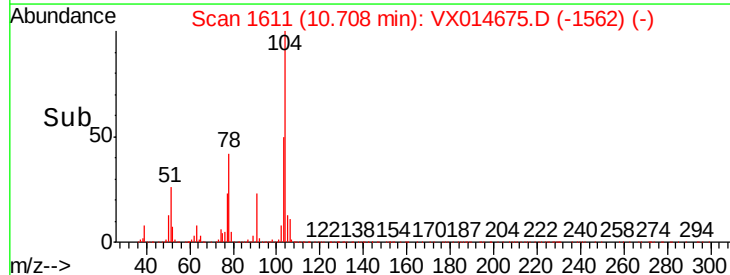
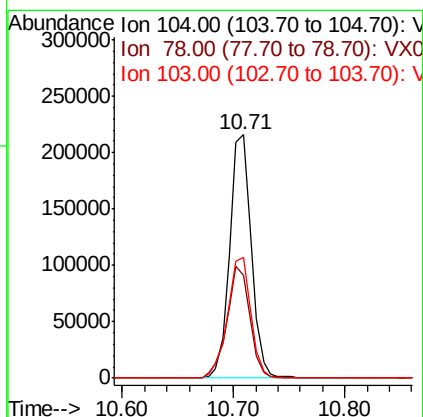
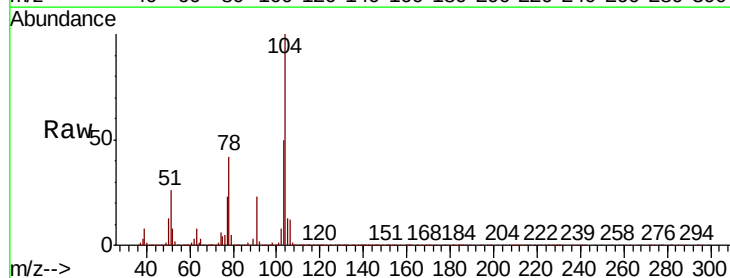
Instrument :
MSVOA_X
ClientSampleId :

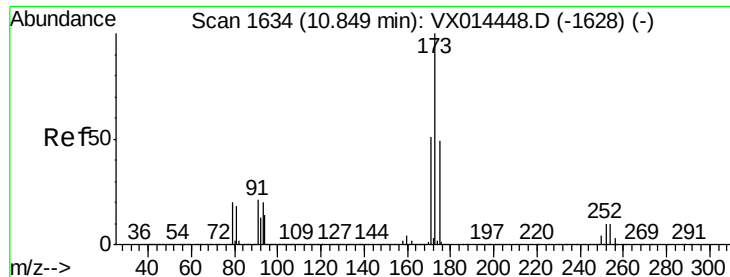
Tot Ion:106 Resp: 166627
Ion Ratio Lower Upper
106 100
91 213.3 105.1 315.1



#70
Styrene
Concen: 20.227 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX014675.D
Acq: 21 Jan 2020 10:42

Tgt Ion:104 Resp: 289911
Ion Ratio Lower Upper
104 100
78 48.9 38.6 58.0
103 53.9 43.7 65.5





#71

Bromoform

Concen: 19.032 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VX014675.D

Acq: 21 Jan 2020 10:42

Instrument :

MSVOA_X

ClientSampleId :

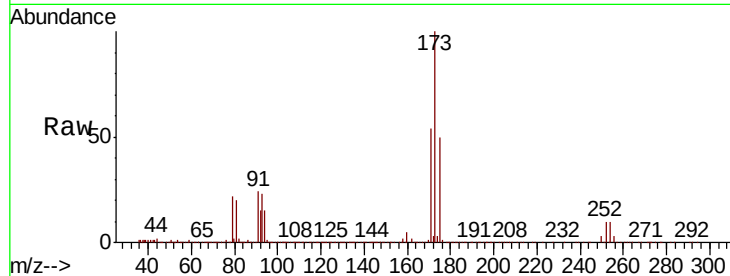
Tot Ion:173 Resp: 73559

Ion Ratio Lower Upper

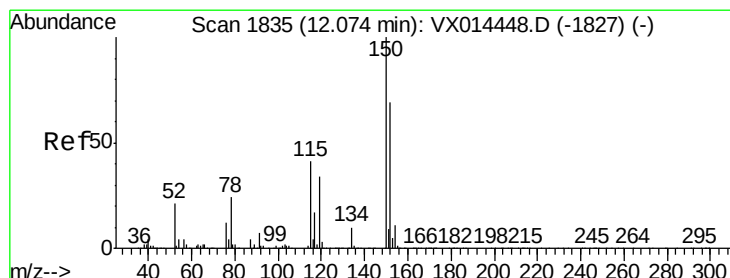
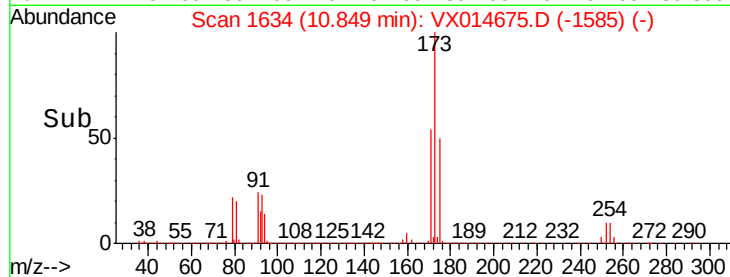
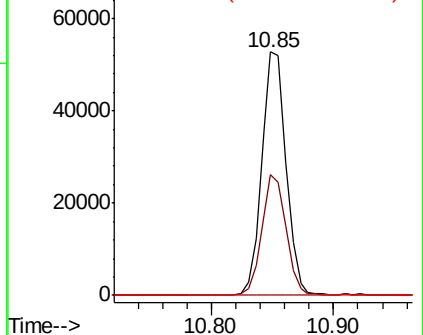
173 100

175 49.5 24.3 72.8

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX014675.D

Acq: 21 Jan 2020 10:42

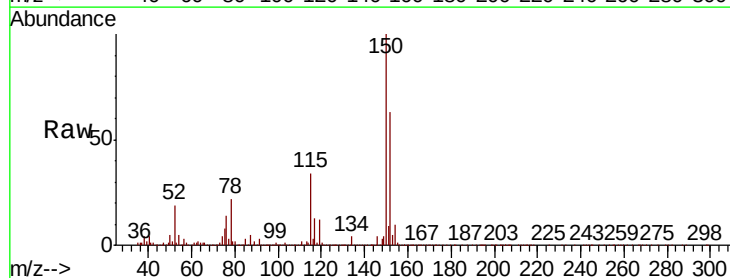
Tgt Ion:152 Resp: 307433

Ion Ratio Lower Upper

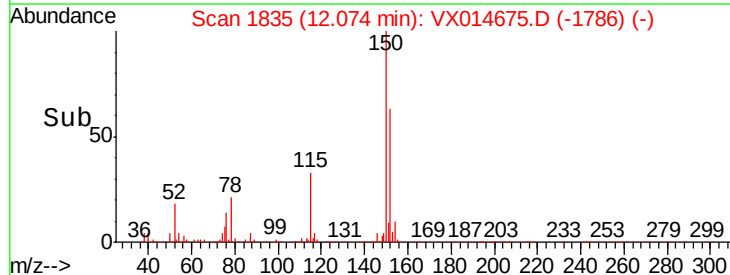
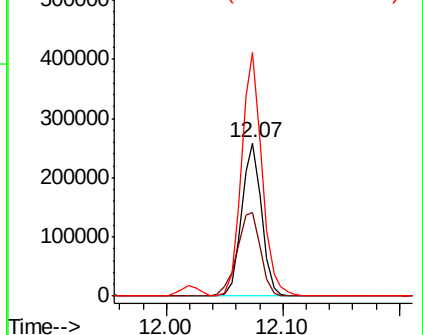
152 100

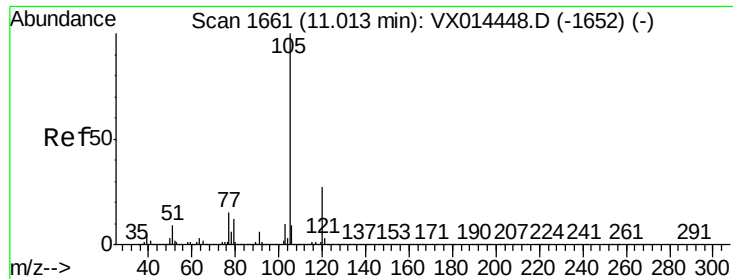
115 64.2 39.5 118.3

150 163.7 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: 20.990 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX014675.D

Acq: 21 Jan 2020 10:42

Instrument :

MSVOA_X

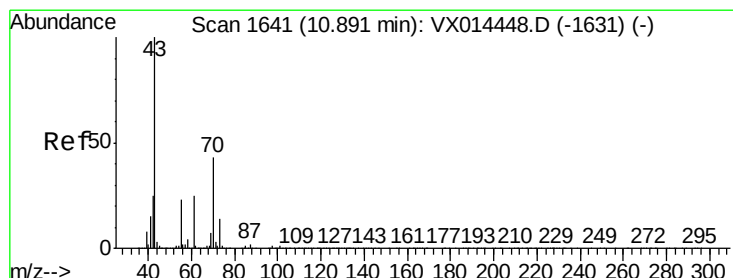
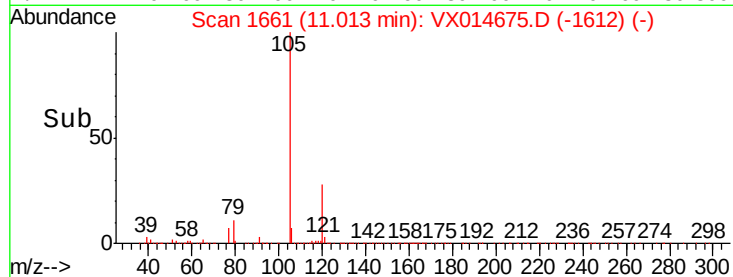
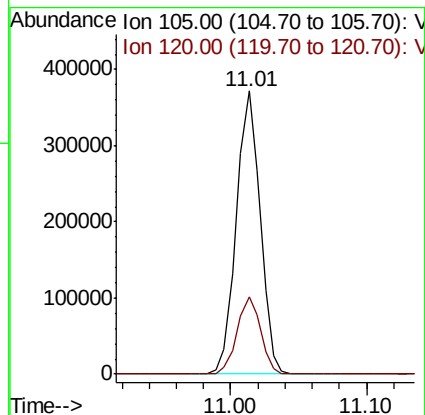
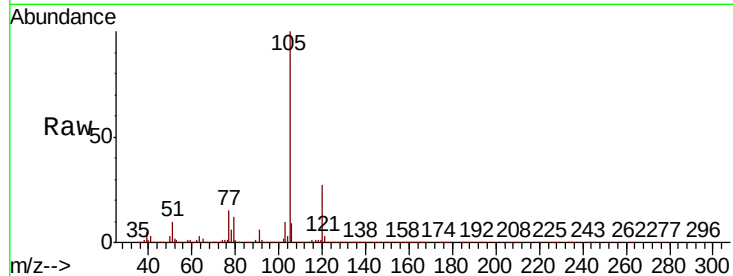
ClientSampleId :

Tot Ion:105 Resp: 453134

Ion Ratio Lower Upper

105 100

120 27.1 13.4 40.2



#74

N-ethyl acetate

Concen: 20.265 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX014675.D

Acq: 21 Jan 2020 10:42

Tgt Ion: 43 Resp: 193010

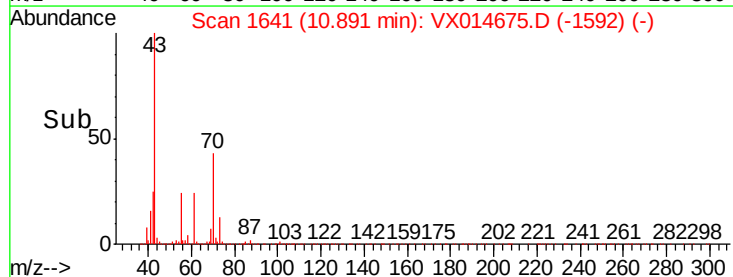
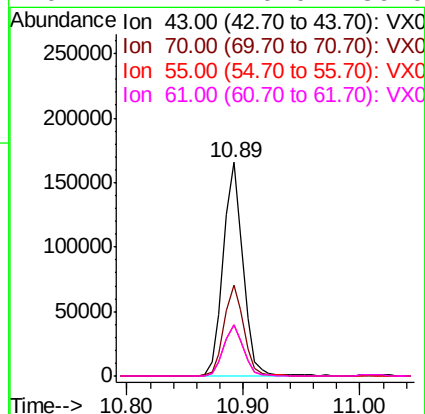
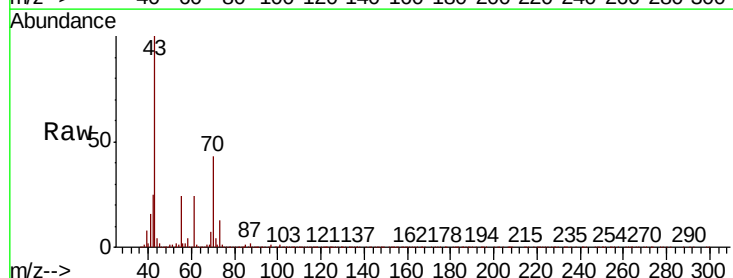
Ion Ratio Lower Upper

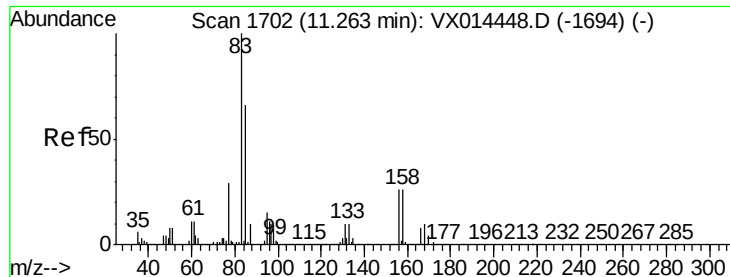
43 100

70 42.5 35.1 52.7

55 24.2 19.3 28.9

61 24.1 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.523 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX014675.D

Acq: 21 Jan 2020 10:42

Instrument :

MSVOA_X

ClientSampled :

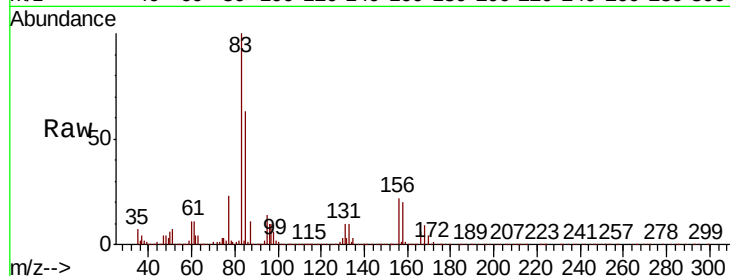
Tot Ion: 83 Resp: 149009

Ion Ratio Lower Upper

83 100

131 9.9 5.1 15.4

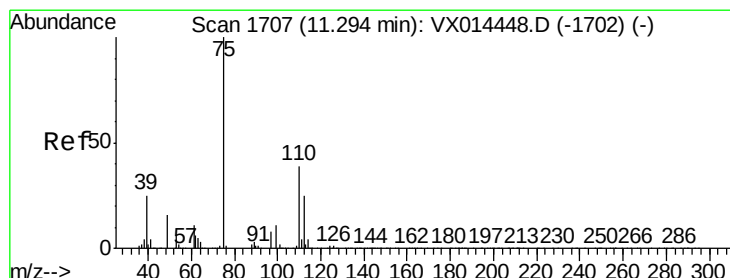
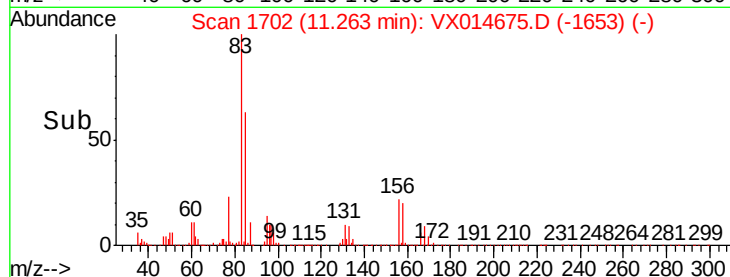
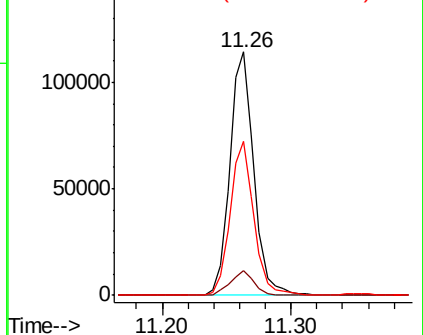
85 62.0 32.5 97.4



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: 26.140 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014675.D

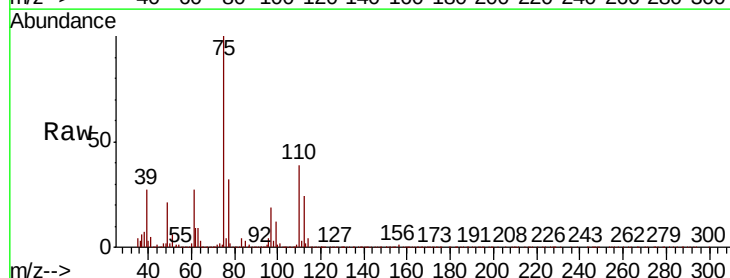
Acq: 21 Jan 2020 10:42

Tgt Ion: 75 Resp: 166273

Ion Ratio Lower Upper

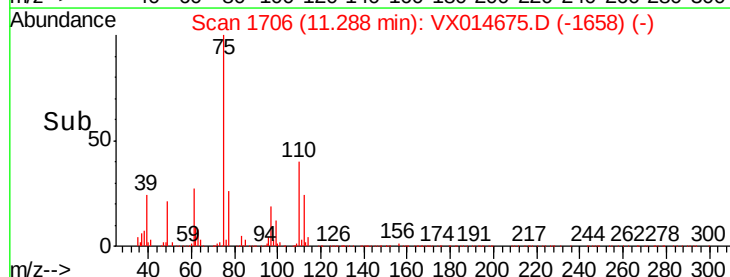
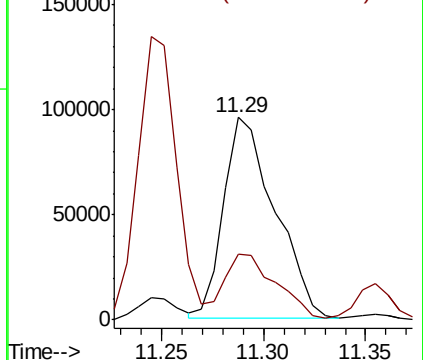
75 100

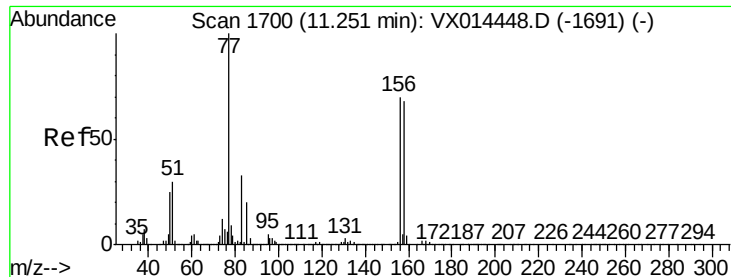
77 33.5 21.9 65.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.665 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014675.D

Acq: 21 Jan 2020 10:42

Instrument :

MSVOA_X

ClientSampleId :

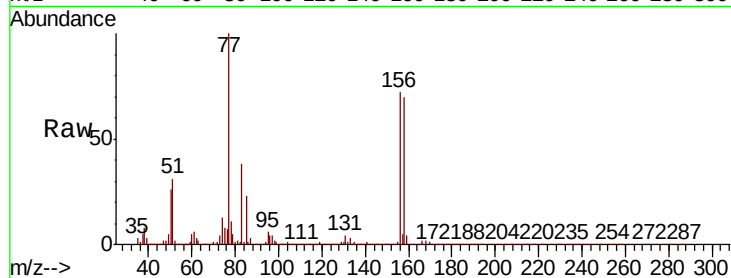
Tot Ion:156 Resp: 117731

Ion Ratio Lower Upper

156 100

77 149.4 75.4 226.3

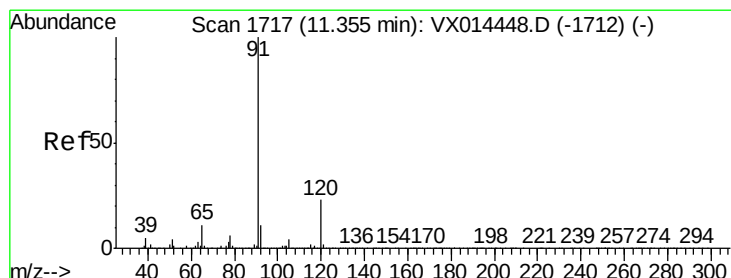
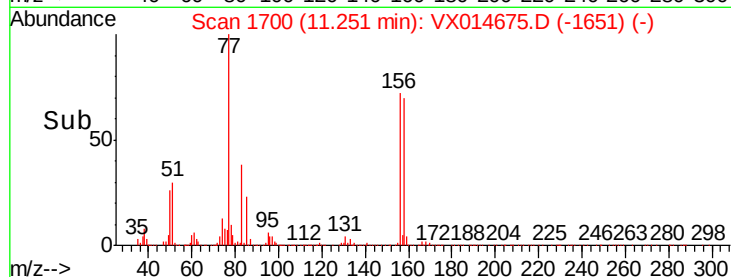
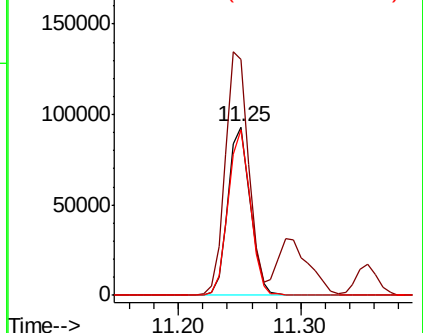
158 96.7 48.8 146.3



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: 20.864 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX014675.D

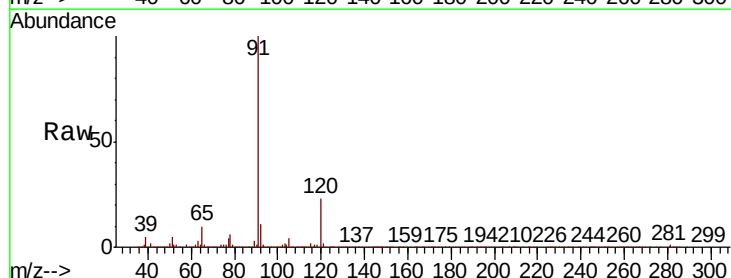
Acq: 21 Jan 2020 10:42

Tgt Ion: 91 Resp: 515855

Ion Ratio Lower Upper

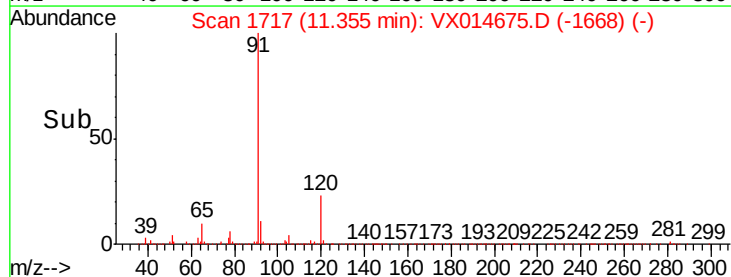
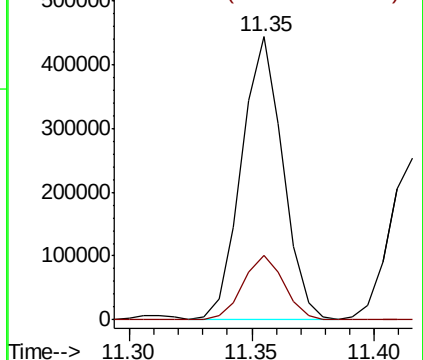
91 100

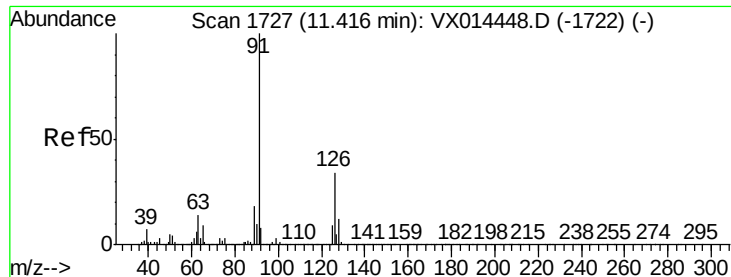
120 22.9 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.742 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX014675.D

Acq: 21 Jan 2020 10:42

Instrument :

MSVOA_X

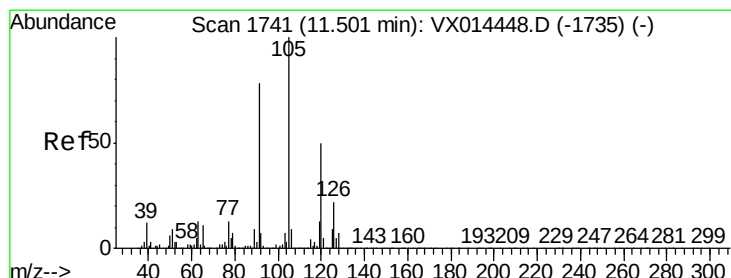
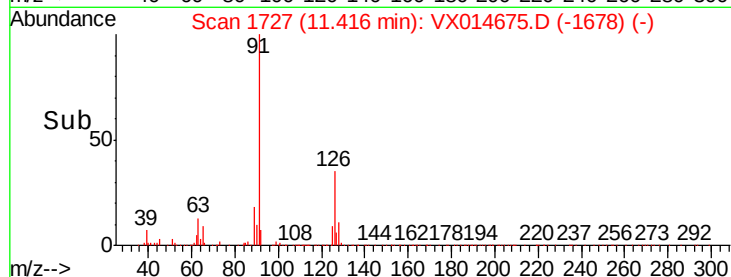
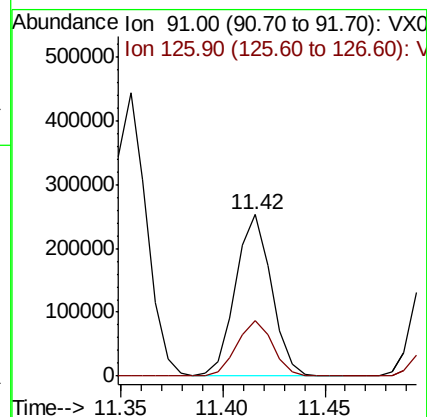
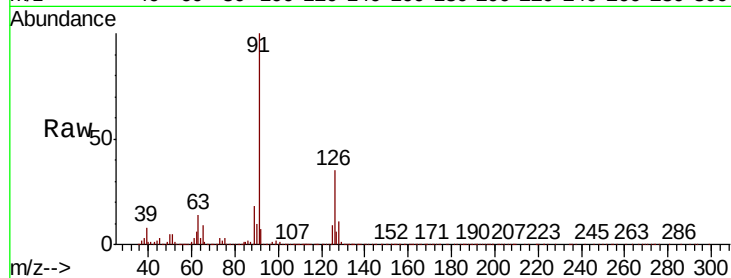
ClientSampleId :

Tot Ion: 91 Resp: 305636

Ion Ratio Lower Upper

91 100

126 34.7 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 21.154 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX014675.D

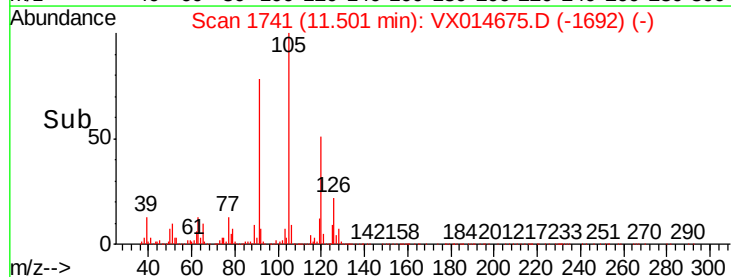
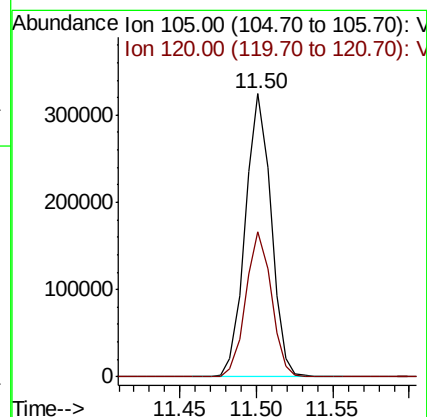
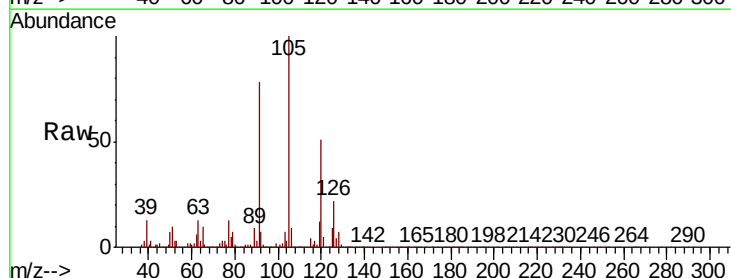
Acq: 21 Jan 2020 10:42

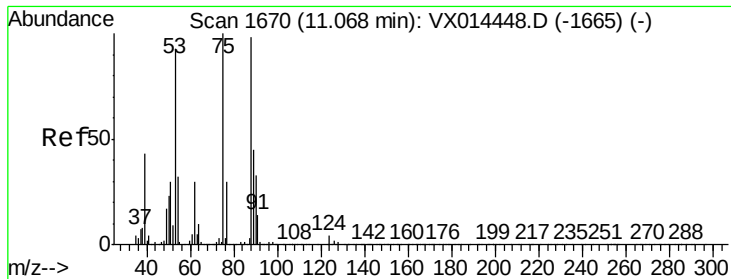
Tgt Ion: 105 Resp: 379154

Ion Ratio Lower Upper

105 100

120 50.9 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 19.396 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX014675.D

Acq: 21 Jan 2020 10:42

Instrument :

MSVOA_X

ClientSampleId :

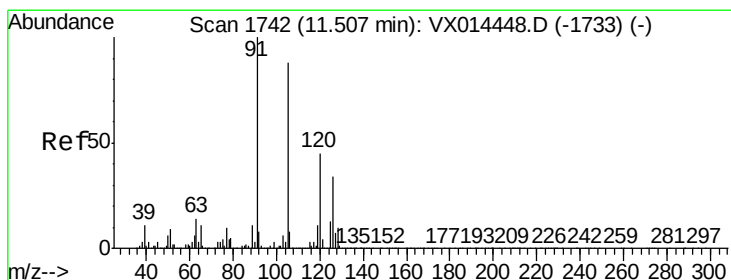
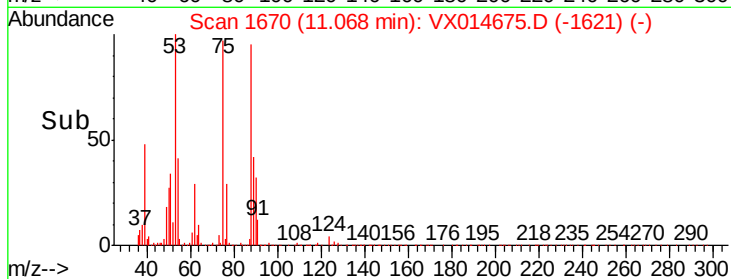
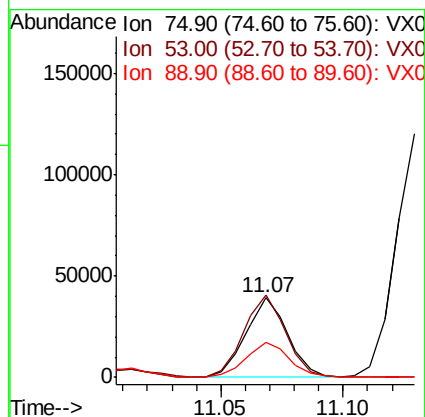
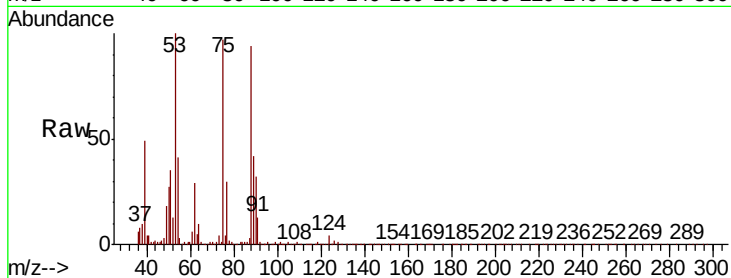
Tot Ion: 75 Resp: 46666

Ion Ratio Lower Upper

75 100

53 103.2 74.8 112.2

89 46.0 36.3 54.5



#82

4-Chlorotoluene

Concen: 20.308 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX014675.D

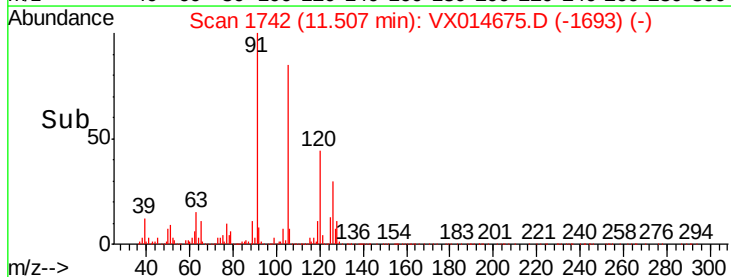
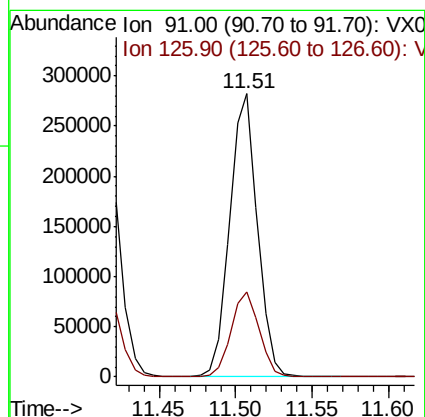
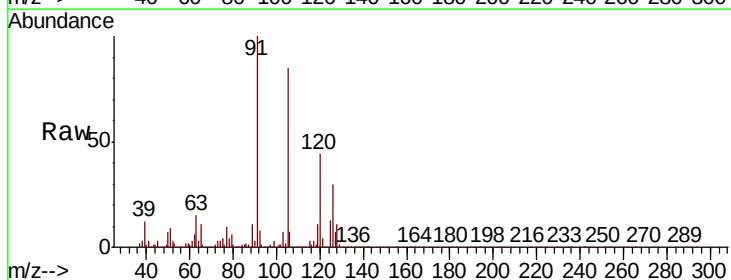
Acq: 21 Jan 2020 10:42

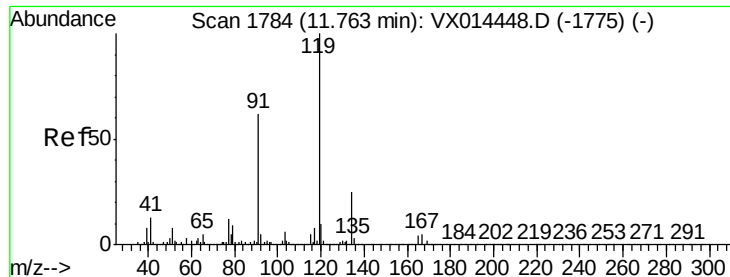
Tgt Ion: 91 Resp: 351265

Ion Ratio Lower Upper

91 100

126 30.4 15.9 47.7

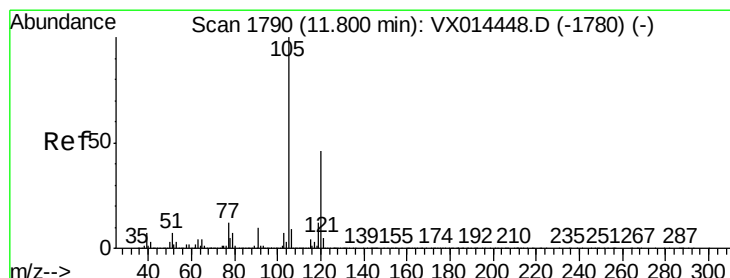
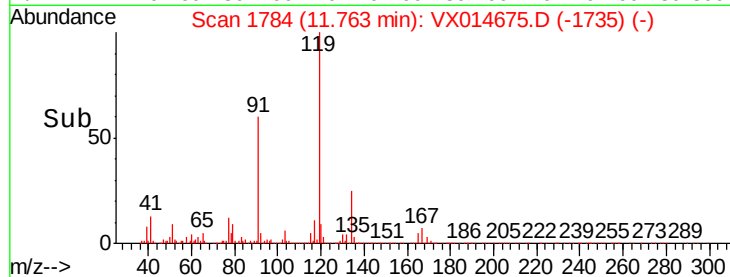
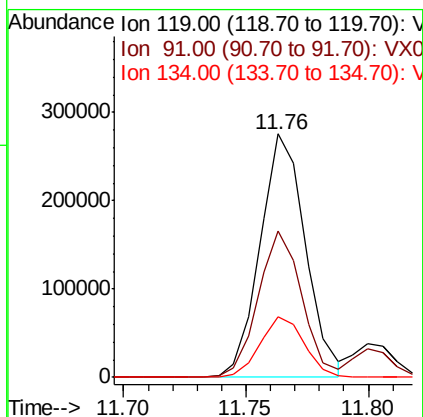
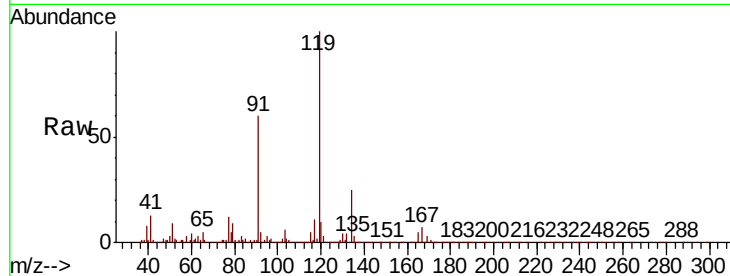




#83
 tert-Butylbenzene
 Concen: 20.903 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX014675.D
 Acq: 21 Jan 2020 10:42

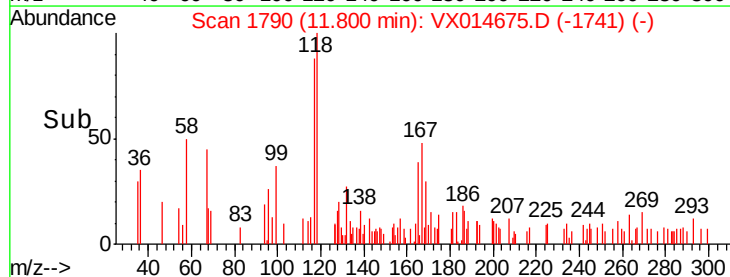
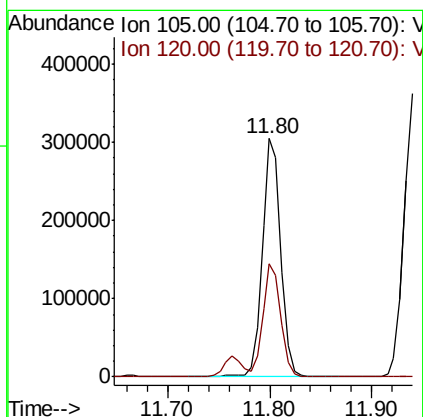
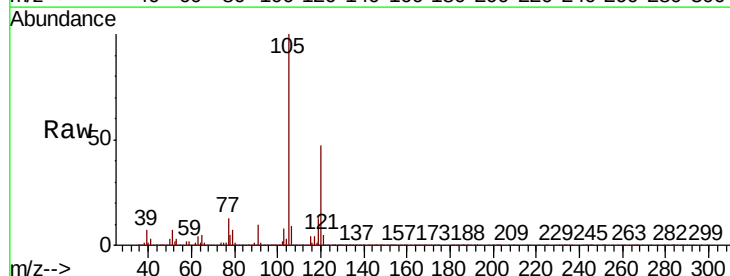
Instrument :
 MSVOA_X
 ClientSampleId :

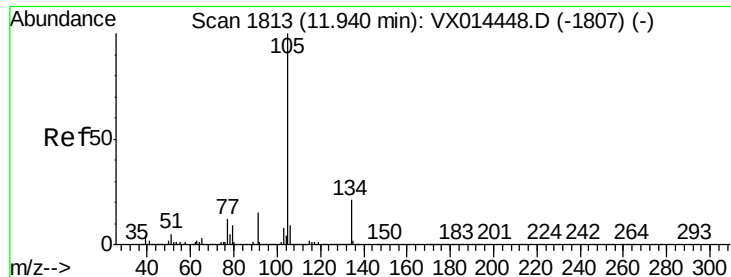
Tot Ion	Ratio	Lower	Upper
119	100		
91	57.8	29.3	88.0
134	24.3	12.4	37.4



#84
 1,2,4-Trimethylbenzene
 Concen: 21.117 ug/l
 RT: 11.80 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX014675.D
 Acq: 21 Jan 2020 10:42

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.7	23.1	69.3





#85

sec-Butylbenzene

Concen: 21.032 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX014675.D

Acq: 21 Jan 2020 10:42

Instrument :

MSVOA_X

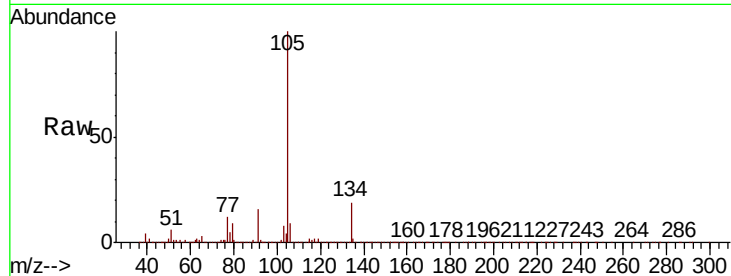
ClientSampleId :

Tot Ion:105 Resp: 442793

Ion Ratio Lower Upper

105 100

134 20.2 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

400000

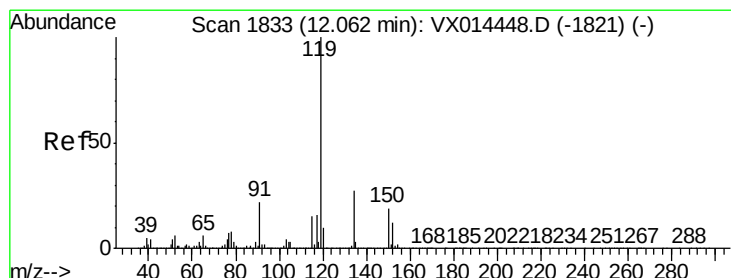
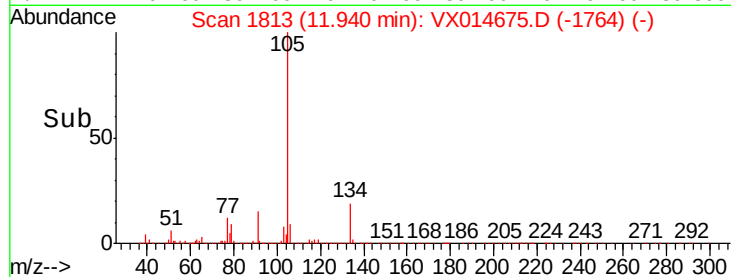
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.932 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX014675.D

Acq: 21 Jan 2020 10:42

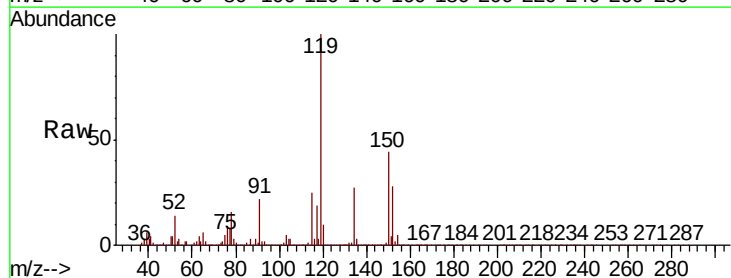
Tgt Ion:119 Resp: 408938

Ion Ratio Lower Upper

119 100

134 26.2 13.5 40.4

91 22.5 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

12.06

400000

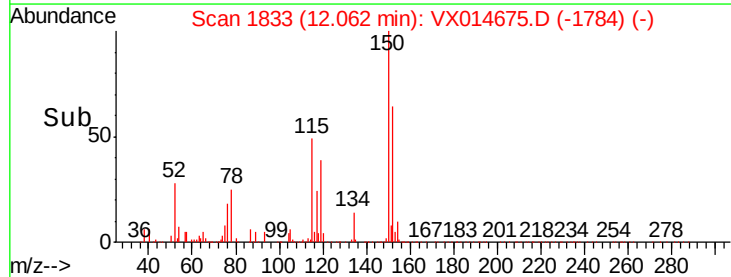
300000

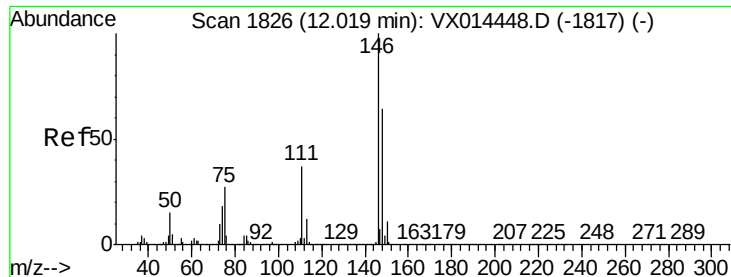
200000

100000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 19.081 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX014675.D

Acq: 21 Jan 2020 10:42

Instrument :

MSVOA_X

ClientSampleId :

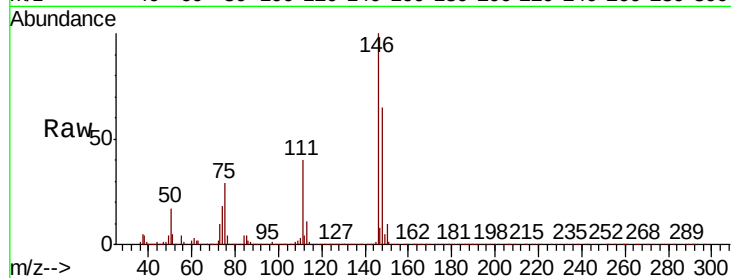
Tot Ion:146 Resp: 205014

Ion Ratio Lower Upper

146 100

111 39.4 18.9 56.7

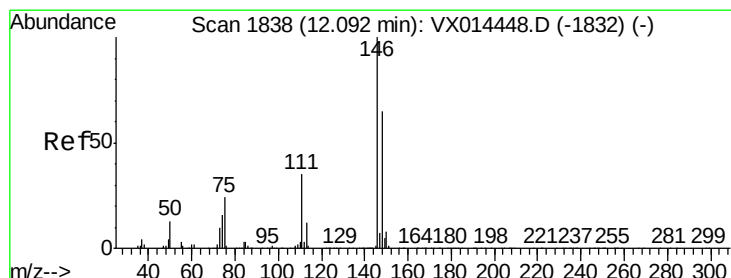
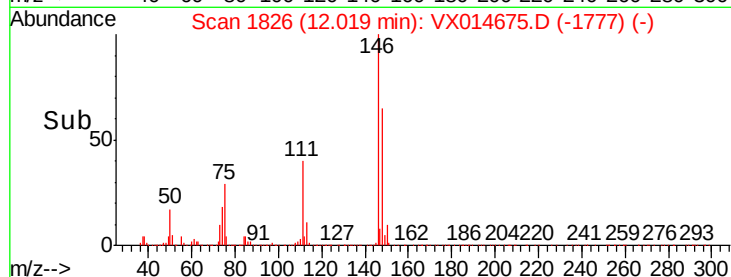
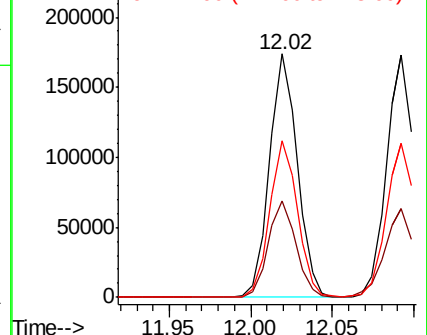
148 64.3 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 20.156 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX014675.D

Acq: 21 Jan 2020 10:42

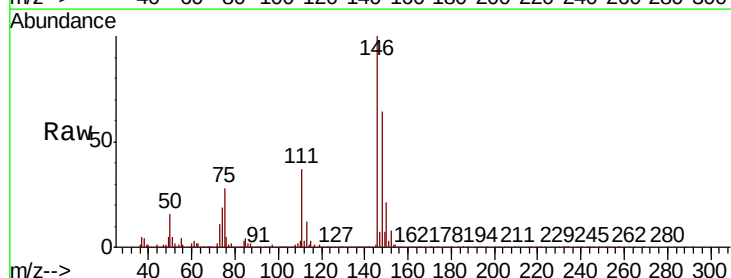
Tgt Ion:146 Resp: 206992

Ion Ratio Lower Upper

146 100

111 38.4 18.1 54.1

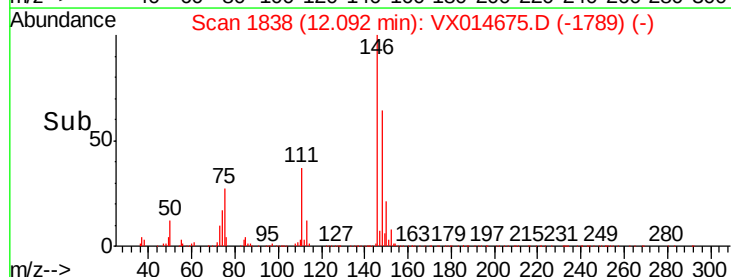
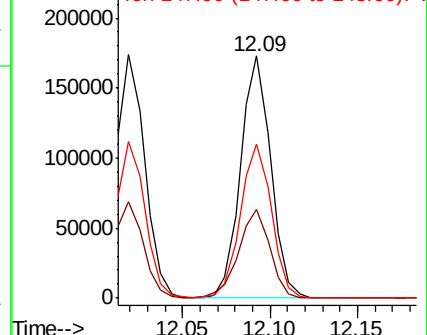
148 65.3 32.1 96.3

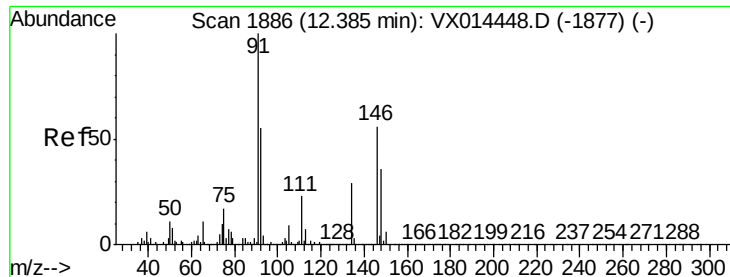


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 19.389 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX014675.D

Acq: 21 Jan 2020 10:42

Instrument :

MSVOA_X

ClientSampleId :

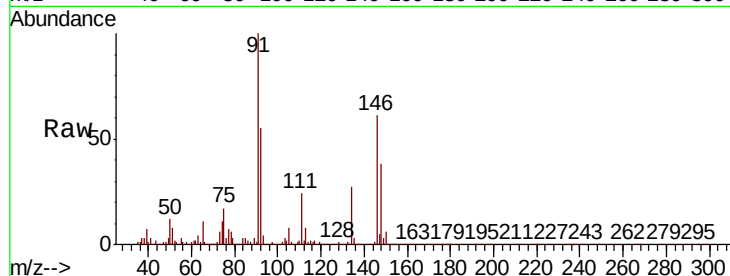
Tot Ion: 91 Resp: 346336

Ion Ratio Lower Upper

91 100

92 54.6 27.4 82.2

134 26.3 13.9 41.7

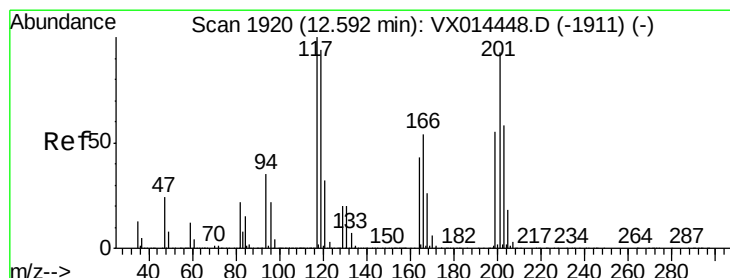
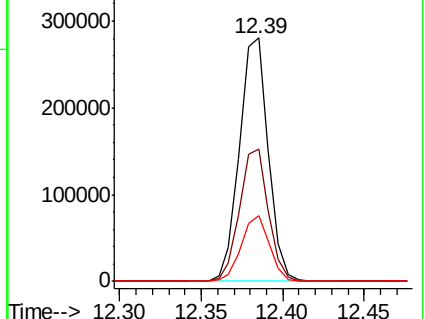
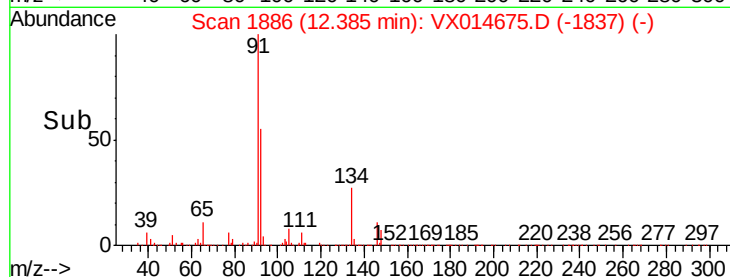


Abundance Ion 91.00 (90.70 to 91.70): VX014448.D (-1877) (-)

Ion 92.00 (91.70 to 92.70): VX014448.D (-1877) (-)

Ion 134.00 (133.70 to 134.70): VX014448.D (-1877) (-)

Time-->



#90

Hexachloroethane

Concen: 20.569 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. -0.00 min

Lab File: VX014675.D

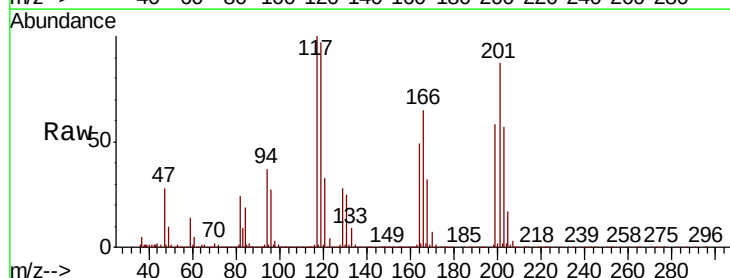
Acq: 21 Jan 2020 10:42

Tgt Ion: 117 Resp: 70585

Ion Ratio Lower Upper

117 100

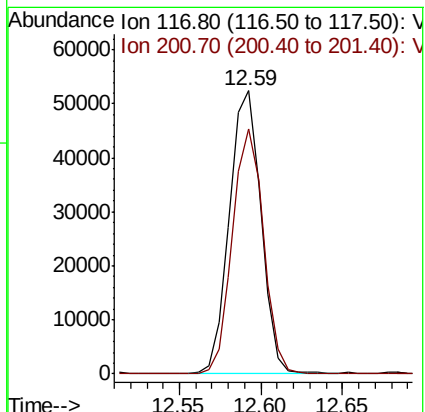
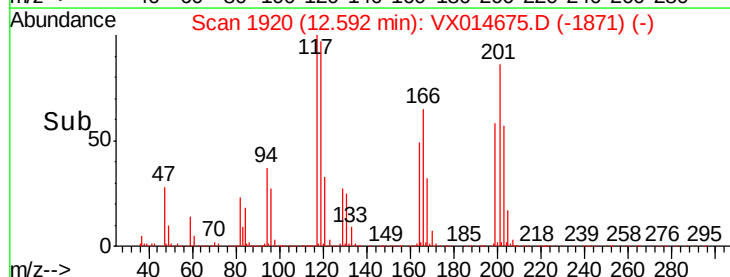
201 85.5 44.8 134.3

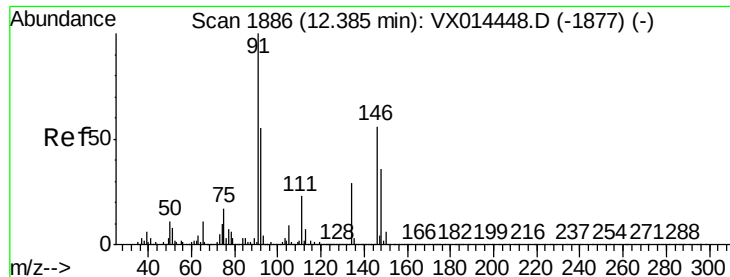


Abundance Ion 116.80 (116.50 to 117.50): VX014448.D (-1911) (-)

Ion 200.70 (200.40 to 201.40): VX014448.D (-1911) (-)

Time-->





#91

1,2-Dichlorobenzene

Concen: 20.031 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX014675.D

Acq: 21 Jan 2020 10:42

Instrument :

MSVOA_X

ClientSampled :

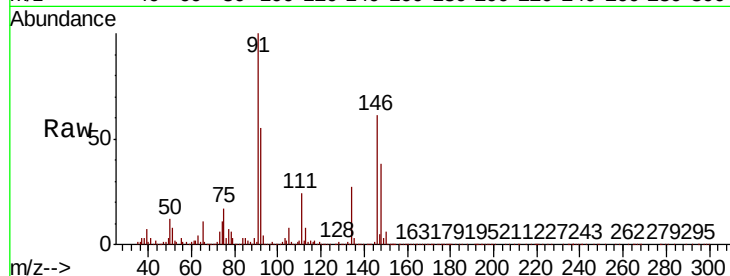
Tot Ion:146 Resp: 210864

Ion Ratio Lower Upper

146 100

111 39.9 19.8 59.4

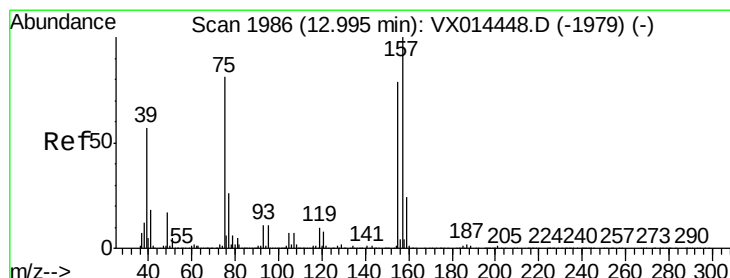
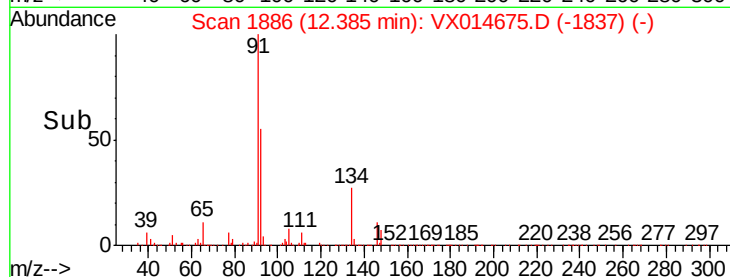
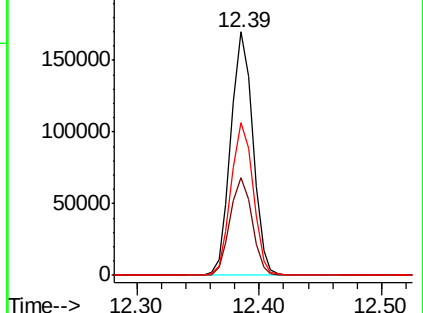
148 63.4 32.3 96.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.221 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VX014675.D

Acq: 21 Jan 2020 10:42

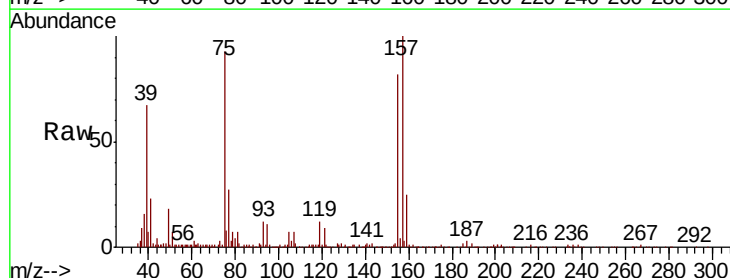
Tgt Ion: 75 Resp: 31490

Ion Ratio Lower Upper

75 100

155 92.4 48.7 146.1

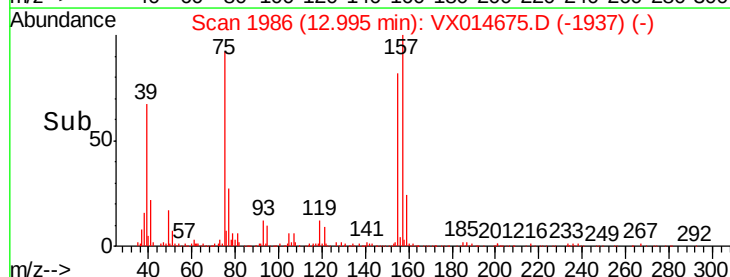
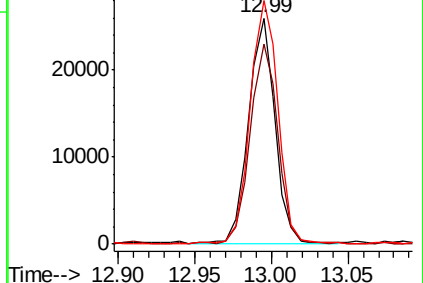
157 113.2 62.0 185.9

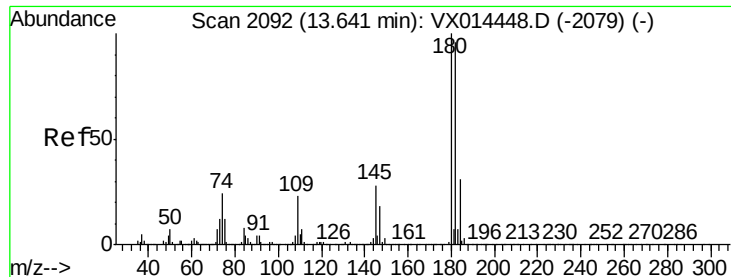


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

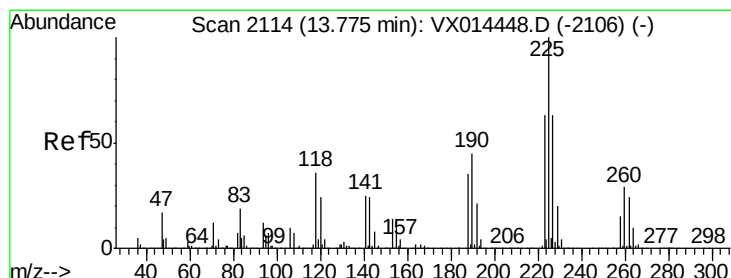
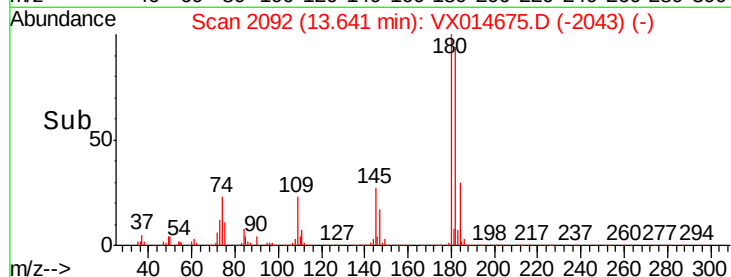
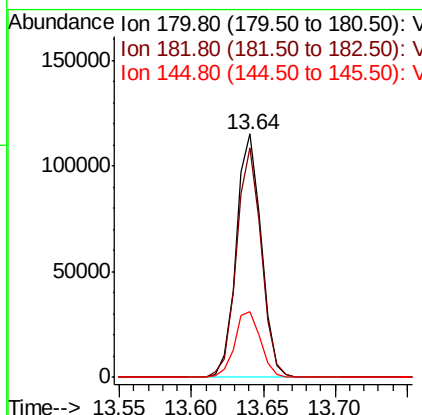
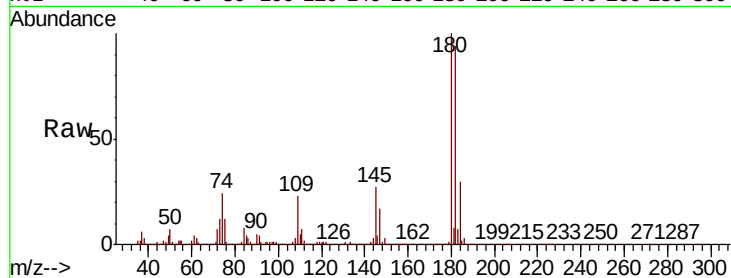




#93
 1,2,4-Trichlorobenzene
 Concen: 18.863 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014675.D
 Acq: 21 Jan 2020 10:42

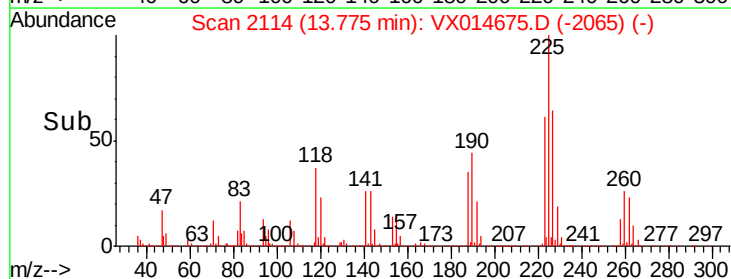
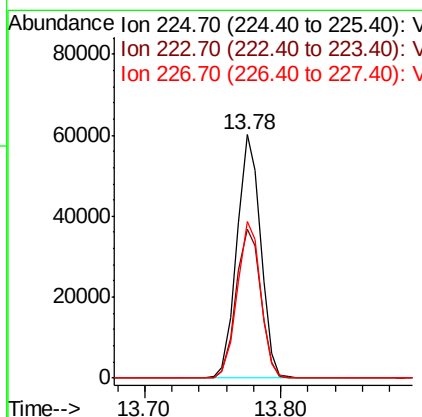
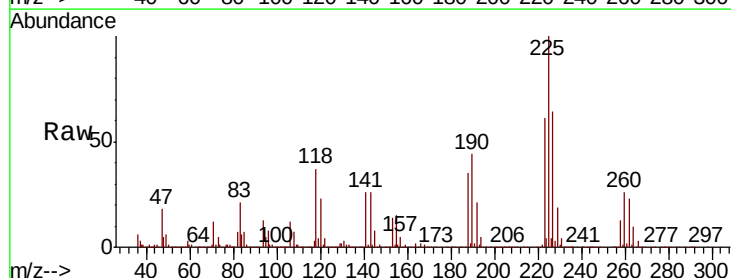
Instrument :
 MSVOA_X
 ClientSampleId :

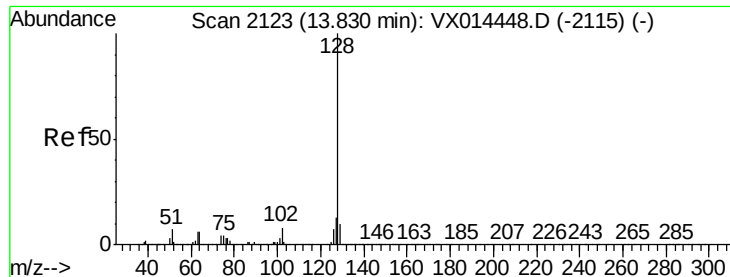
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.6	47.5	142.5
145	28.2	13.9	41.6



#94
 Hexachlorobutadiene
 Concen: 21.129 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014675.D
 Acq: 21 Jan 2020 10:42

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	31.1	93.2
227	63.3	31.4	94.2

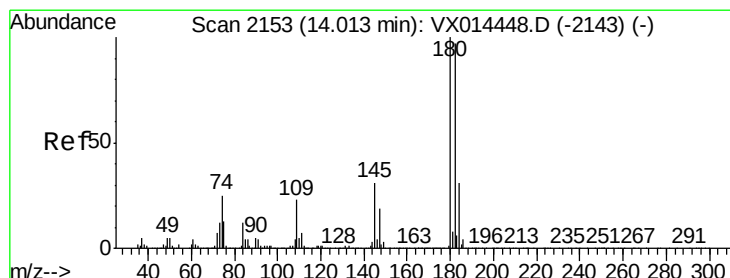
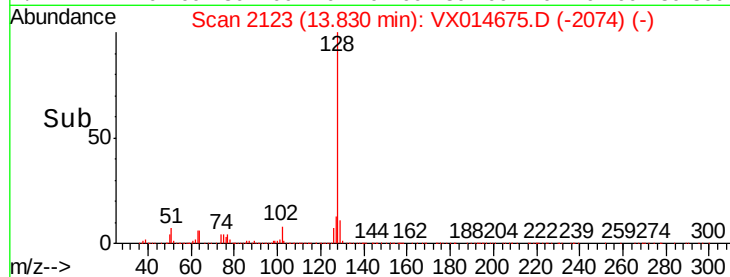
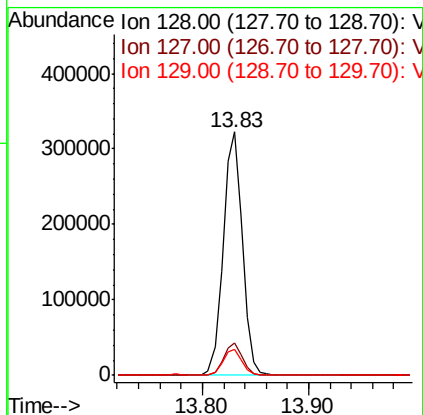
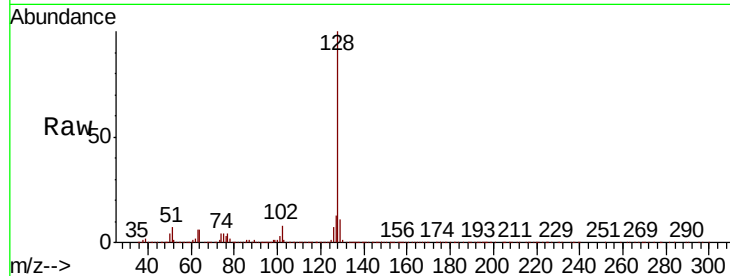




#95
Naphthalene
Concen: 17.656 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX014675.D
Acq: 21 Jan 2020 10:42

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 404886
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.6 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.334 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014675.D
Acq: 21 Jan 2020 10:42

Tgt Ion:180 Resp: 141390
Ion Ratio Lower Upper
180 100
182 94.9 47.9 143.6
145 29.9 14.8 44.3

