

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX010720\
 Data File : VX014447.D
 Acq On : 07 Jan 2020 14:21
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Quant Time: Jan 07 15:25:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:22:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	542244	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	812658	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	733619	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	374506	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	118938	19.44	ug/l	0.00
Spiked Amount			Recovery	=	38.88%	
35) Dibromofluoromethane	5.49	113	98398	19.95	ug/l	0.00
Spiked Amount			Recovery	=	39.90%	
50) Toluene-d8	8.71	98	383651	20.07	ug/l	0.00
Spiked Amount			Recovery	=	40.14%	
62) 4-Bromofluorobenzene	11.13	95	137321	19.65	ug/l	0.00
Spiked Amount			Recovery	=	39.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	131042	24.999	ug/l	96
3) Chloromethane	1.32	50	136567	20.565	ug/l	98
4) Vinyl Chloride	1.40	62	154742	21.612	ug/l	97
5) Bromomethane	1.64	94	91090	18.473	ug/l	94
6) Chloroethane	1.72	64	84513	19.628	ug/l	98
7) Trichlorofluoromethane	1.93	101	163000	18.913	ug/l	98
8) Diethyl Ether	2.18	74	75019	18.721	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	97048	18.699	ug/l	99
10) Methyl Iodide	2.51	142	116572	18.377	ug/l	100
11) Tert butyl alcohol	3.02	59	127445	94.748	ug/l	99
12) 1,1-Dichloroethene	2.37	96	98287	18.629	ug/l	99
13) Acrolein	2.28	56	97821	118.366	ug/l	97
14) Allyl chloride	2.72	41	177759	18.944	ug/l	99
15) Acrylonitrile	3.13	53	293461	94.136	ug/l	99
16) Acetone	2.43	43	308902	80.057	ug/l	99
17) Carbon Disulfide	2.56	76	270349	17.473	ug/l	100
18) Methyl Acetate	2.76	43	174909	21.351	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	329238	19.066	ug/l	100
20) Methylene Chloride	2.85	84	110745	17.515	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	107630	18.579	ug/l	98
22) Diisopropyl ether	3.84	45	347277	18.613	ug/l	93
23) Vinyl Acetate	3.81	43	1351418	89.902	ug/l	98
24) 1,1-Dichloroethane	3.69	63	188657	18.166	ug/l	99
25) 2-Butanone	4.65	43	437499	89.819	ug/l	98
26) 2,2-Dichloropropane	4.58	77	154979	19.072	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	123620	18.889	ug/l	99
28) Bromochloromethane	5.01	49	80131	22.292	ug/l	99
29) Tetrahydrofuran	5.11	42	262662	94.614	ug/l	100
30) Chloroform	5.20	83	184013	18.710	ug/l	96
31) Cyclohexane	5.57	56	177507	19.059	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	154057	18.312	ug/l	98
36) 1,1-Dichloropropene	5.79	75	141974	18.878	ug/l	99
37) Ethyl Acetate	4.82	43	162453	19.668	ug/l	99
38) Carbon Tetrachloride	5.78	117	132316	19.280	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX010720\
 Data File : VX014447.D
 Acq On : 07 Jan 2020 14:21
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Quant Time: Jan 07 15:25:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:22:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	181192	19.379	ug/l	99
40) Benzene	6.14	78	434239	18.835	ug/l	97
41) Methacrylonitrile	5.03	41	87954	19.145	ug/l	98
42) 1,2-Dichloroethane	6.19	62	151483	19.379	ug/l	100
43) Isopropyl Acetate	6.43	43	259768	18.976	ug/l	100
44) Trichloroethene	7.21	130	122048	18.981	ug/l	100
45) 1,2-Dichloropropane	7.51	63	112438	19.033	ug/l	100
46) Dibromomethane	7.65	93	72528	18.506	ug/l	98
47) Bromodichloromethane	7.89	83	137929	18.709	ug/l	99
48) Methyl methacrylate	7.76	41	125447	18.725	ug/l	99
49) 1,4-Dioxane	7.73	88	53237	387.828	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	812206	94.788	ug/l	99
52) Toluene	8.78	92	273827	18.755	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	158191	19.533	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	177234	19.647	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	110243	18.868	ug/l	98
56) Ethyl methacrylate	9.17	69	174310	19.038	ug/l	99
57) 1,3-Dichloropropane	9.37	76	188880	19.296	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.31	63	308348	91.195	ug/l	99
59) 2-Hexanone	9.48	43	646143	94.284	ug/l	100
60) Dibromochloromethane	9.57	129	111710	19.187	ug/l	98
61) 1,2-Dibromoethane	9.67	107	116756	19.530	ug/l	99
64) Tetrachloroethene	9.33	164	137053	20.474	ug/l	99
65) Chlorobenzene	10.14	112	294731	18.770	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	107983	19.250	ug/l	99
67) Ethyl Benzene	10.25	91	515682	19.135	ug/l	98
68) m/p-Xylenes	10.36	106	397017	38.235	ug/l	99
69) o-Xylene	10.70	106	191767	18.913	ug/l	98
70) Styrene	10.71	104	326887	19.049	ug/l	99
71) Bromoform	10.85	173	84428	18.657	ug/l #	100
73) Isopropylbenzene	11.01	105	511012	19.304	ug/l	100
74) N-amyl acetate	10.89	43	220473	17.941	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	158809	17.583	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	194781	24.512	ug/l	79
77) Bromobenzene	11.25	156	131954	18.094	ug/l	99
78) n-propylbenzene	11.35	91	578208	19.475	ug/l	100
79) 2-Chlorotoluene	11.42	91	342947	19.068	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	423196	19.018	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	54706	18.866	ug/l	96
82) 4-Chlorotoluene	11.51	91	394312	18.843	ug/l	99
83) tert-Butylbenzene	11.76	119	388401	18.062	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	426921	19.180	ug/l	100
85) sec-Butylbenzene	11.94	105	492975	19.241	ug/l	99
86) p-Isopropyltoluene	12.06	119	455776	19.411	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	239114	18.689	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	239878	18.385	ug/l	98
89) n-Butylbenzene	12.39	91	399767	19.868	ug/l	99
90) Hexachloroethane	12.59	117	77408	18.434	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	236277	18.418	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	36180	17.814	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010720\
Data File : VX014447.D
Acq On : 07 Jan 2020 14:21
Operator : JC/SP
Sample : VSTDIC020
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Quant Time: Jan 07 15:25:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 07 15:22:03 2020
Response via : Initial Calibration

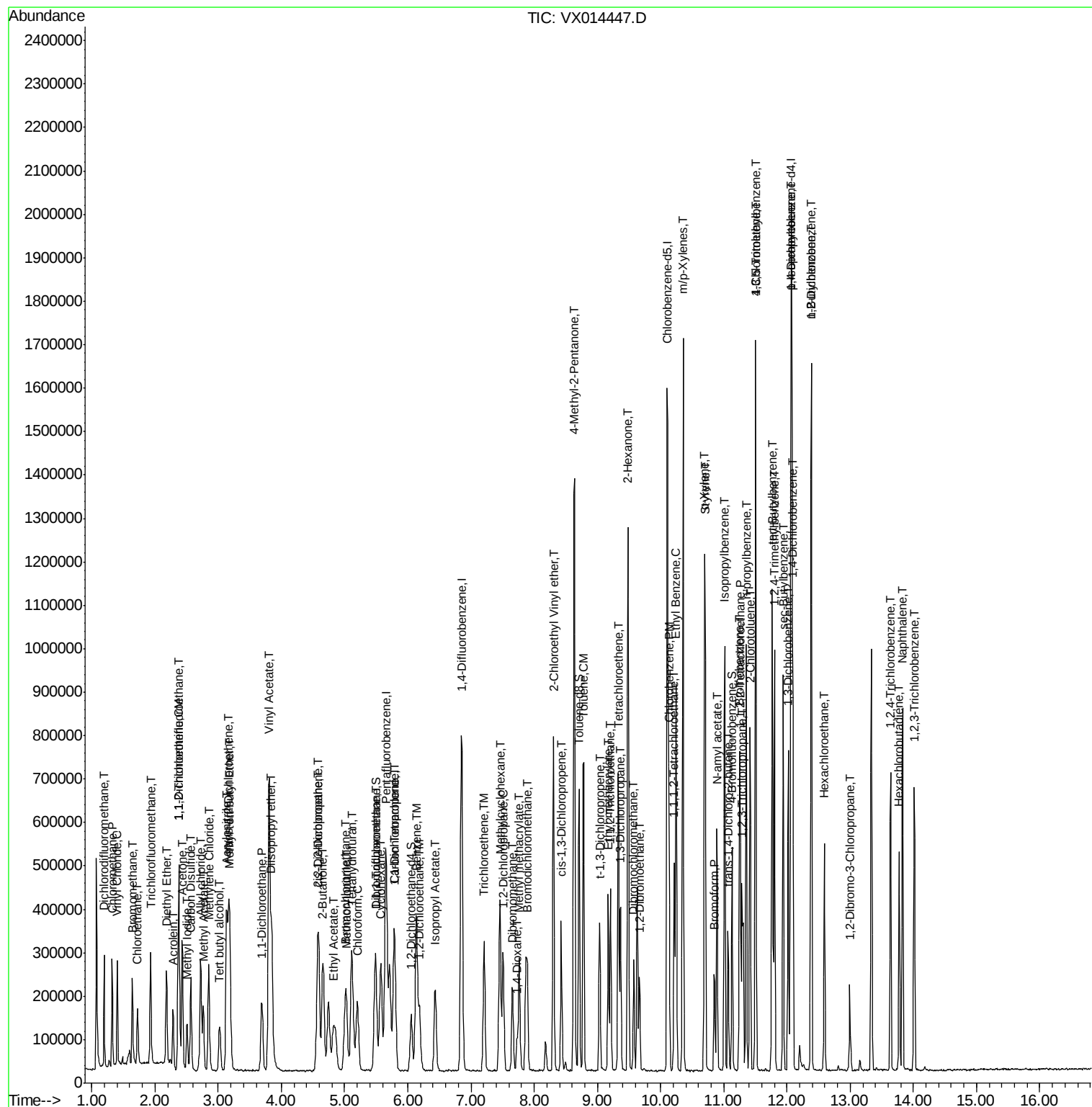
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	171309	20.149	ug/l	98
94) Hexachlorobutadiene	13.78	225	77750	19.048	ug/l	94
95) Naphthalene	13.83	128	515828	20.733	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	167085	19.997	ug/l	100

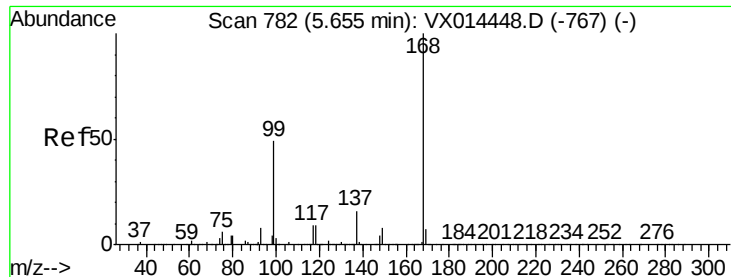
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX010720\
Data File : VX014447.D
Acq On : 07 Jan 2020 14:21
Operator : JC/SP
Sample : VSTDIC020
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Quant Time: Jan 07 15:25:32 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 07 15:22:03 2020
Response via : Initial Calibration



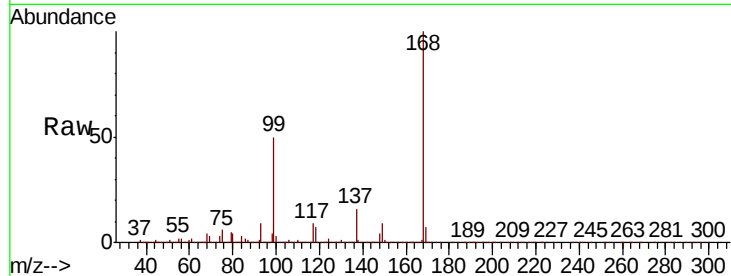


#1

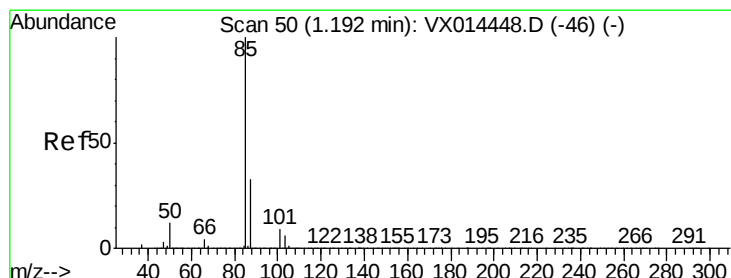
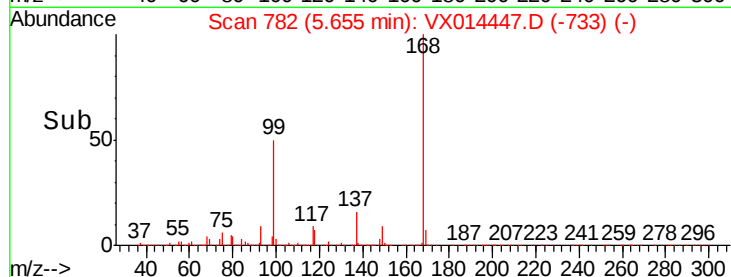
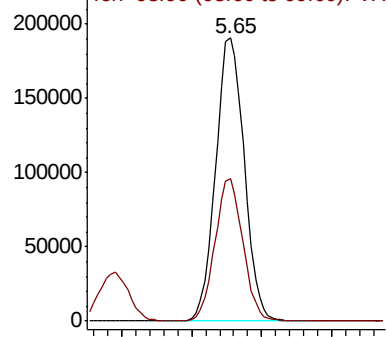
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: VX014447.D
 Acq: 07 Jan 2020 14:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion:168 Resp: 542244
 Ion Ratio Lower Upper
 168 100
 99 50.2 39.2 58.8



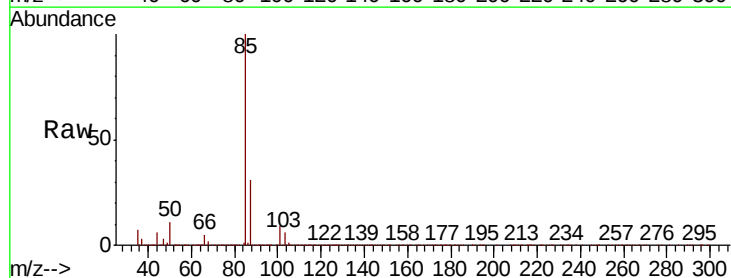
Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.90 (98.60 to 99.60): VX0



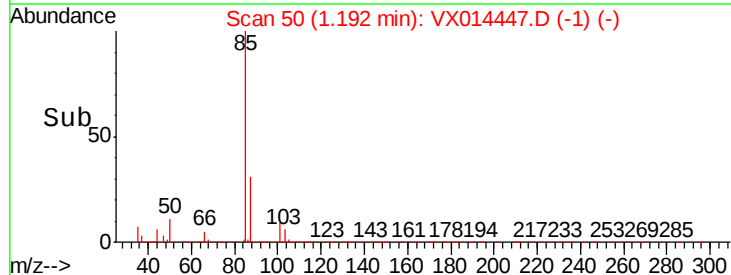
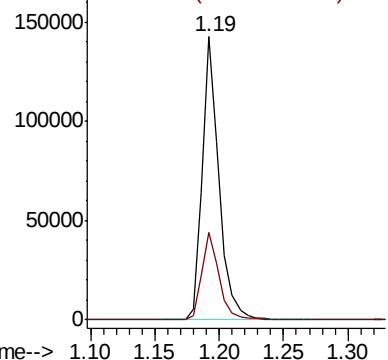
#2

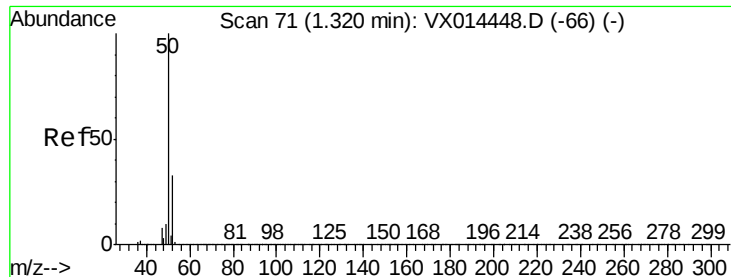
Dichlorodifluoromethane
 Concen: 24.999 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.00 min
 Lab File: VX014447.D
 Acq: 07 Jan 2020 14:21

Tgt Ion: 85 Resp: 131042
 Ion Ratio Lower Upper
 85 100
 87 31.0 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VX0
 Ion 86.90 (86.60 to 87.60): VX0

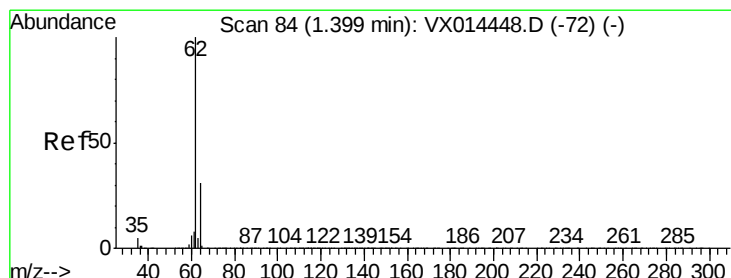
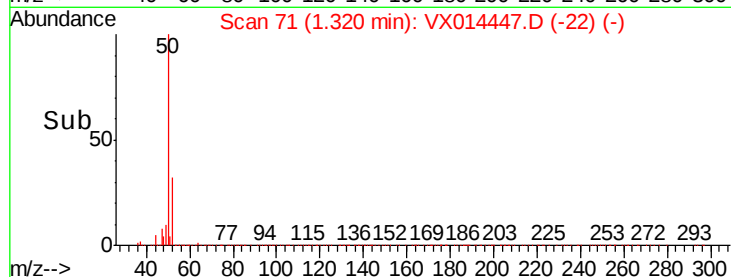
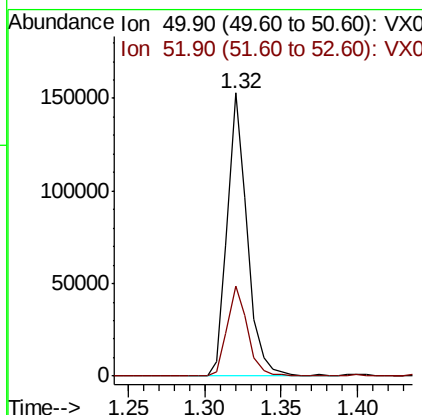
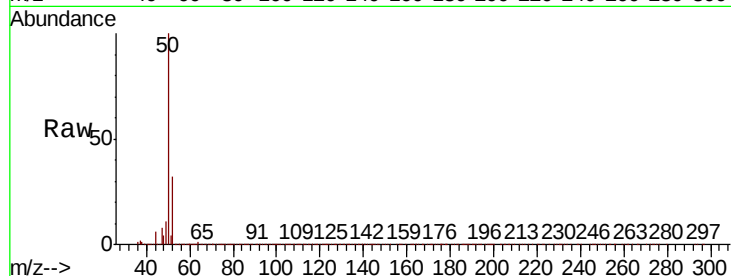




#3
Chloromethane
Concen: 20.565 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

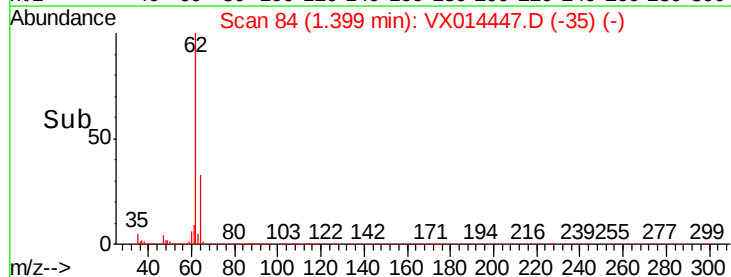
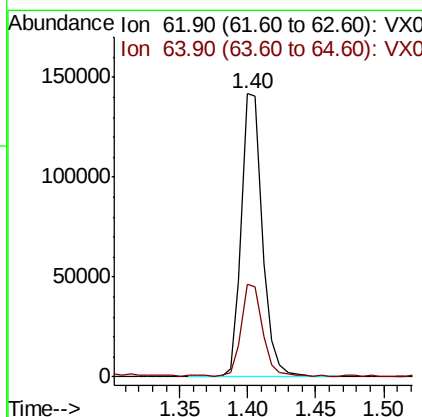
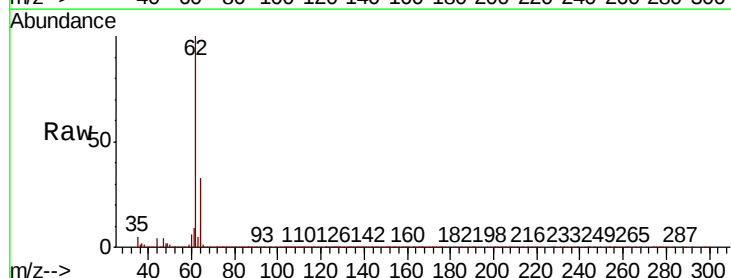
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

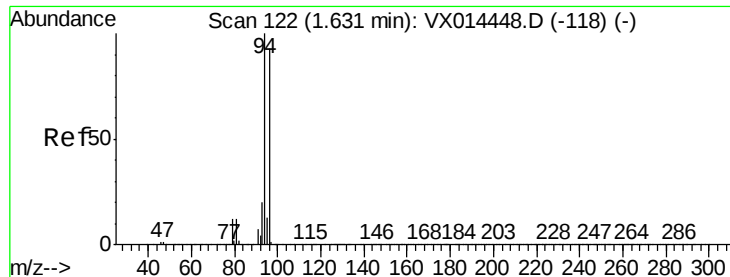
Tot Ion: 50 Resp: 136567
Ion Ratio Lower Upper
50 100
52 31.7 26.1 39.1



#4
Vinyl Chloride
Concen: 21.612 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

Tgt Ion: 62 Resp: 154742
Ion Ratio Lower Upper
62 100
64 32.2 24.6 37.0





#5

Bromomethane

Concen: 18.473 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.01 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

Instrument :

MSVOA_X

ClientSampleId :

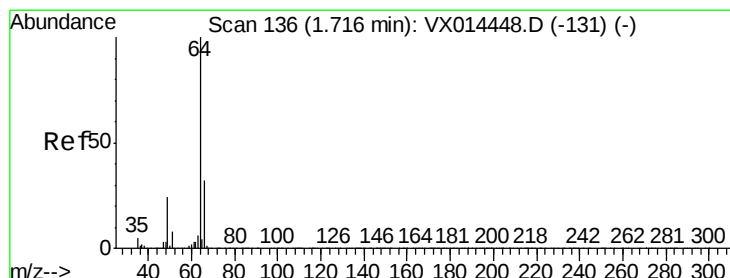
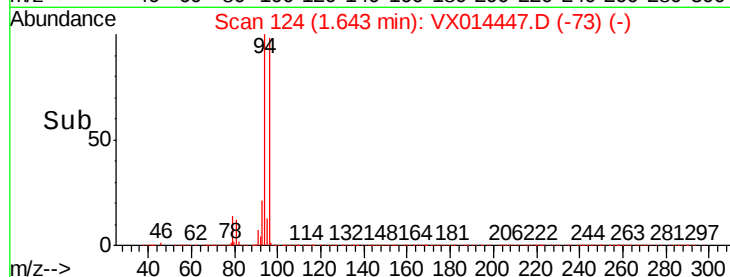
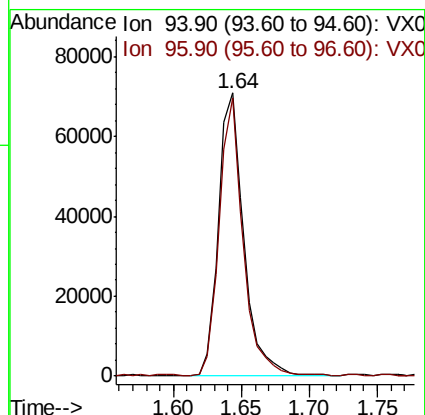
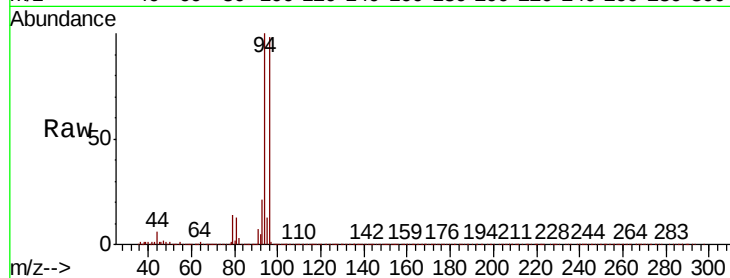
VSTDIC020

Tot Ion: 94 Resp: 91090

Ion Ratio Lower Upper

94 100

96 98.1 74.2 111.2



#6

Chloroethane

Concen: 19.628 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.01 min

Lab File: VX014447.D

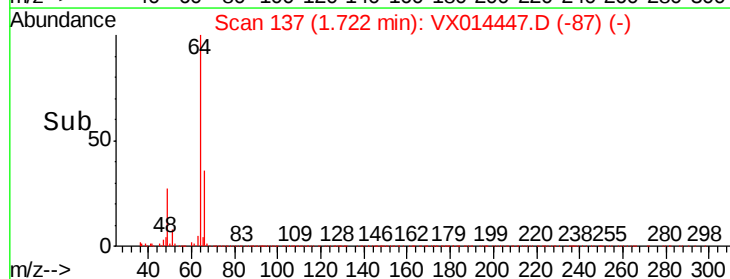
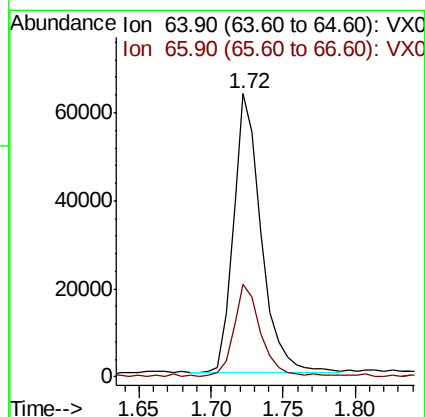
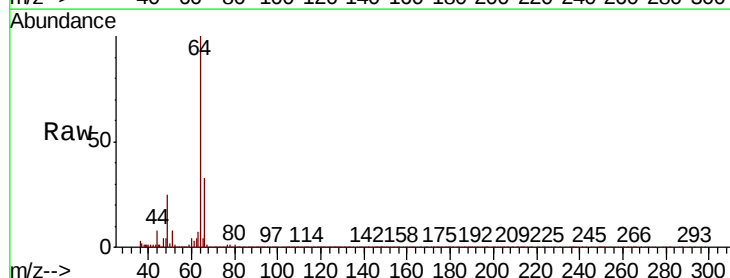
Acq: 07 Jan 2020 14:21

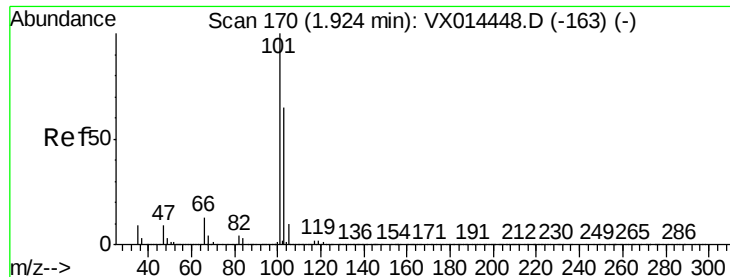
Tgt Ion: 64 Resp: 84513

Ion Ratio Lower Upper

64 100

66 32.8 25.3 37.9



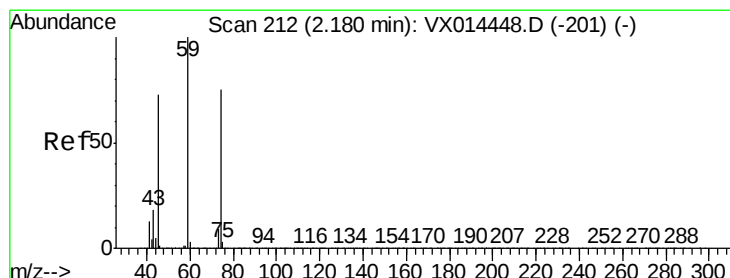
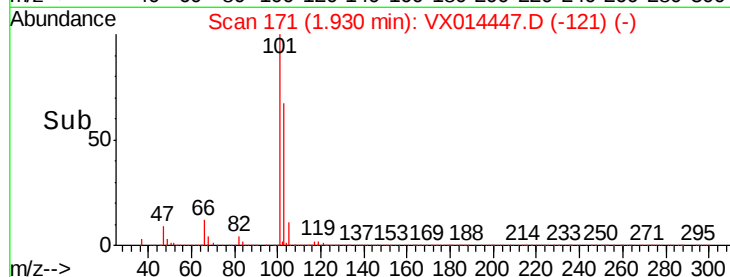
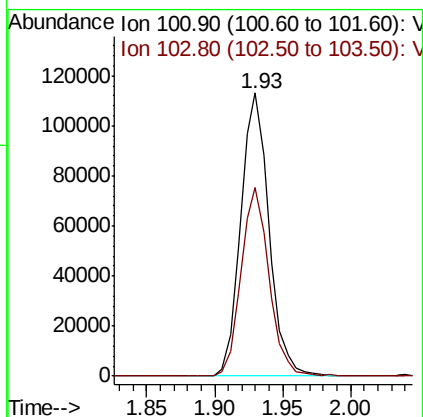
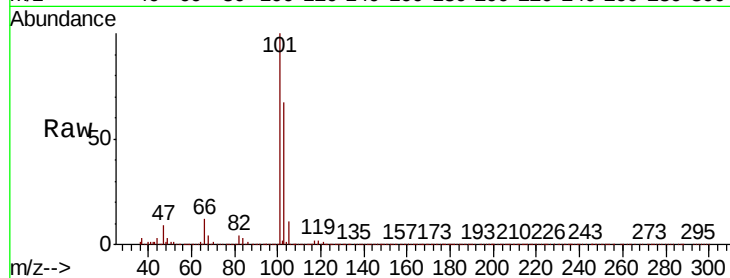


#7

Trichlorofluoromethane
Concen: 18.913 ug/l
RT: 1.93 min Scan# 171
Delta R.T. 0.01 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

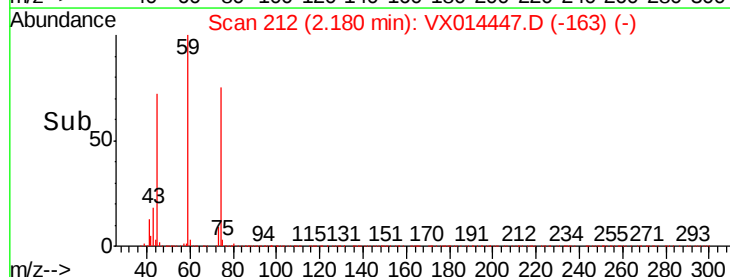
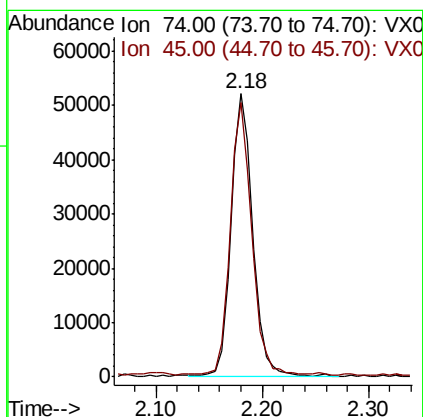
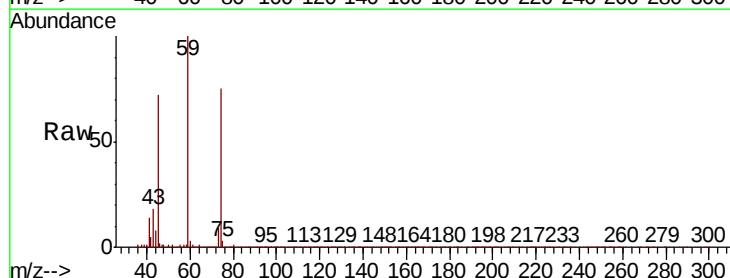
Tot Ion:101 Resp: 163000
Ion Ratio Lower Upper
101 100
103 66.6 52.2 78.4

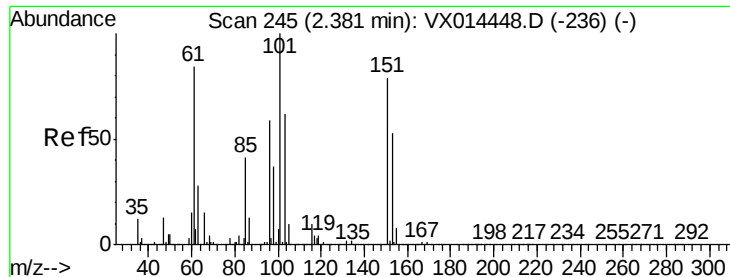


#8

Diethyl Ether
Concen: 18.721 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

Tgt Ion: 74 Resp: 75019
Ion Ratio Lower Upper
74 100
45 93.4 48.7 146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.699 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.00 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

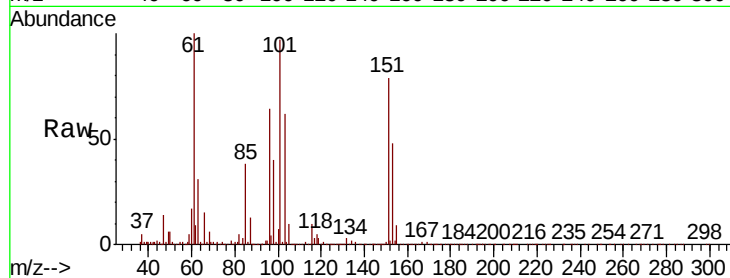
Tot Ion:101 Resp: 97048

Ion Ratio Lower Upper

101 100

85 42.9 33.8 50.8

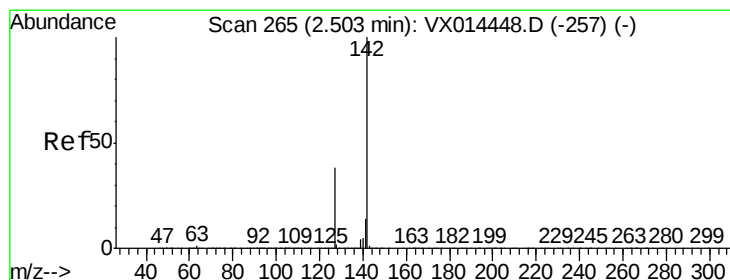
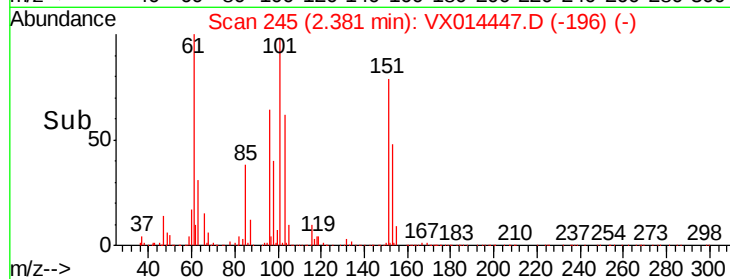
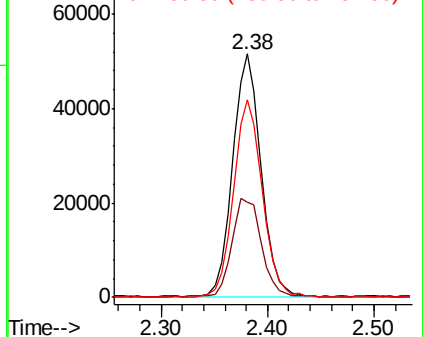
151 82.1 65.3 97.9



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: 18.377 ug/l

RT: 2.51 min Scan# 266

Delta R.T. 0.01 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

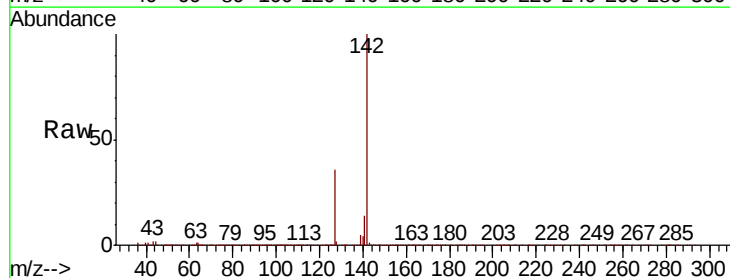
Tgt Ion:142 Resp: 116572

Ion Ratio Lower Upper

142 100

127 38.9 31.2 46.8

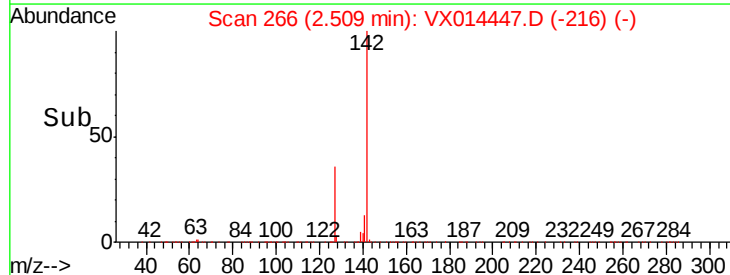
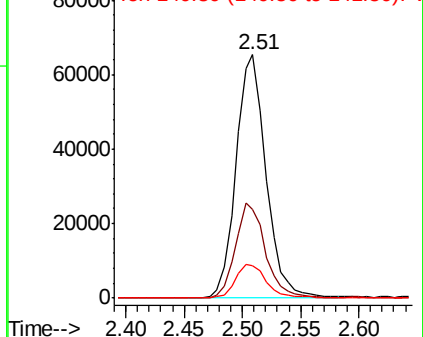
141 14.0 11.4 17.2

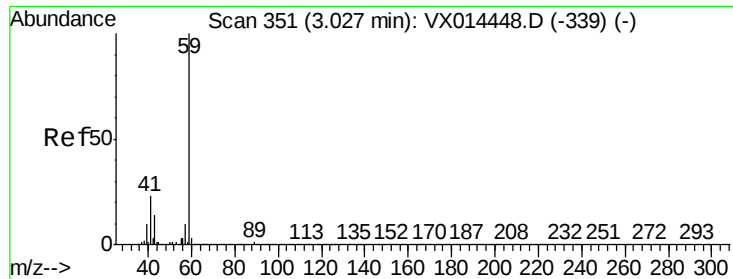


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



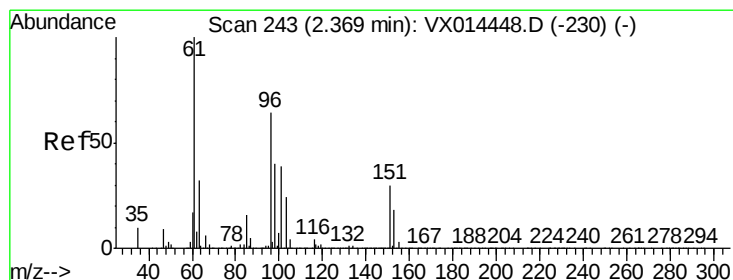
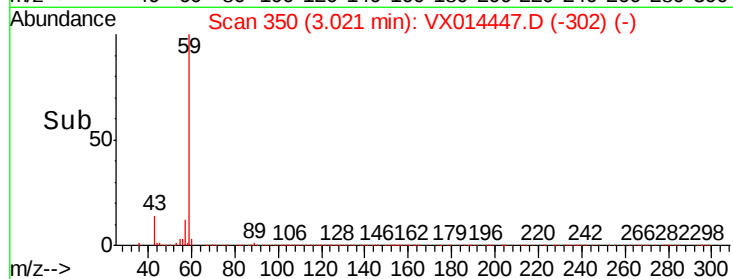
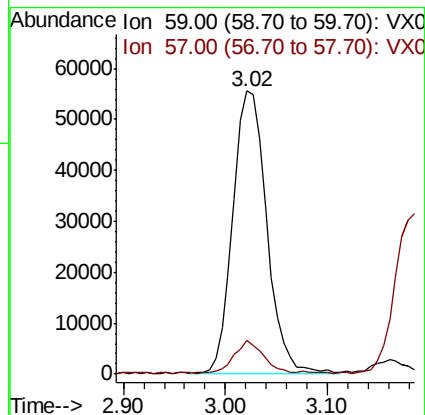
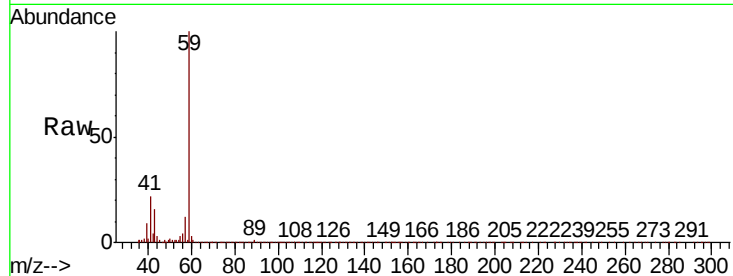


#11

Tert butyl alcohol
 Concen: 94.748 ug/l
 RT: 3.02 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VX014447.D
 Acq: 07 Jan 2020 14:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

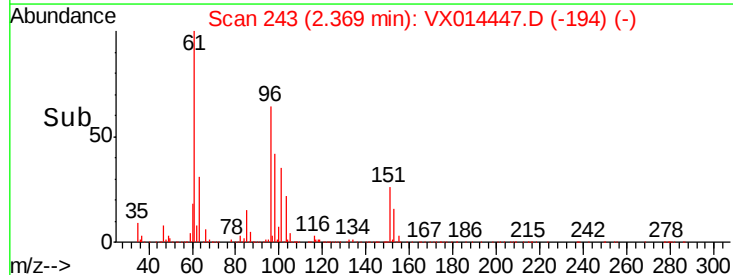
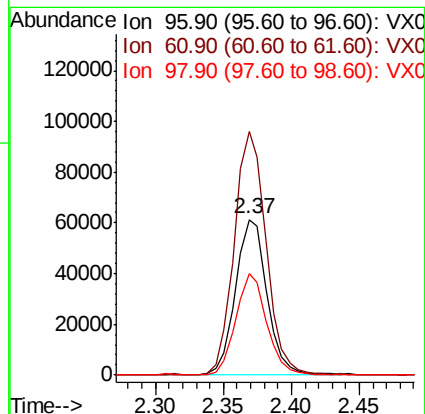
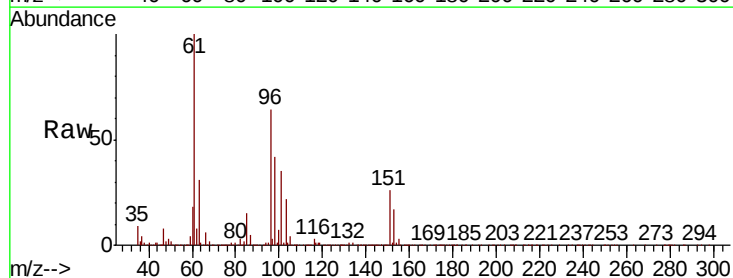
Tot Ion: 59 Resp: 127445
 Ion Ratio Lower Upper
 59 100
 57 10.9 8.5 12.7

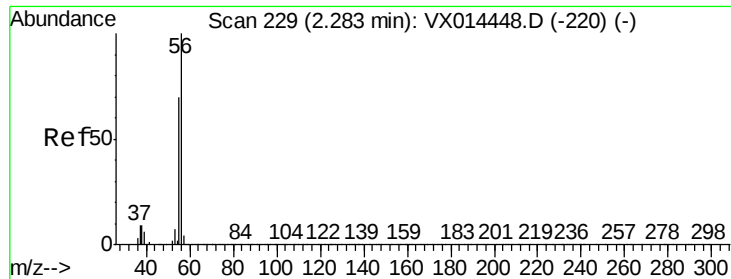


#12

1,1-Dichloroethene
 Concen: 18.629 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. 0.00 min
 Lab File: VX014447.D
 Acq: 07 Jan 2020 14:21

Tgt Ion: 96 Resp: 98287
 Ion Ratio Lower Upper
 96 100
 61 156.4 125.0 187.6
 98 65.3 50.2 75.2

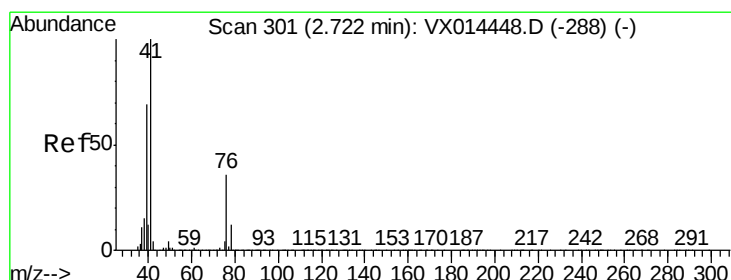
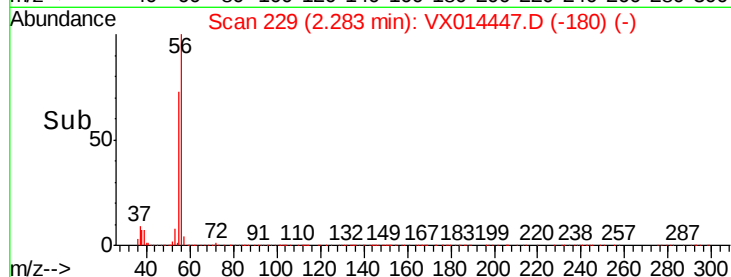
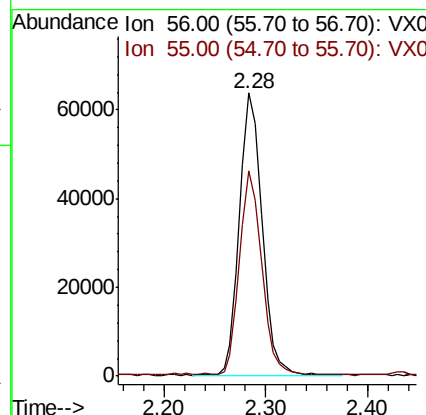
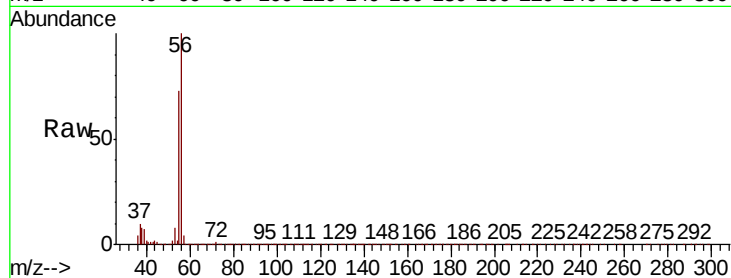




#13
Acrolein
Concen: 118.366 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

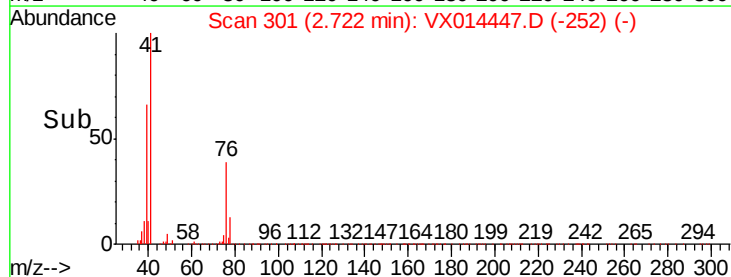
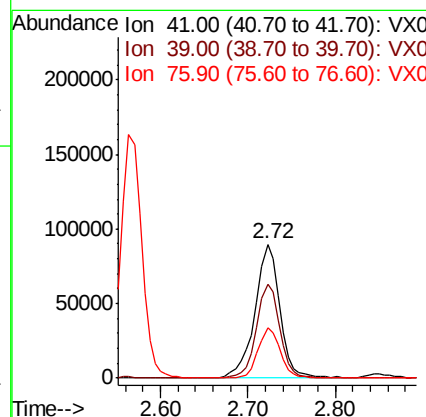
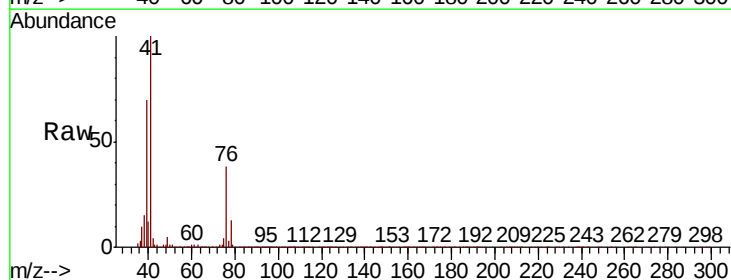
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

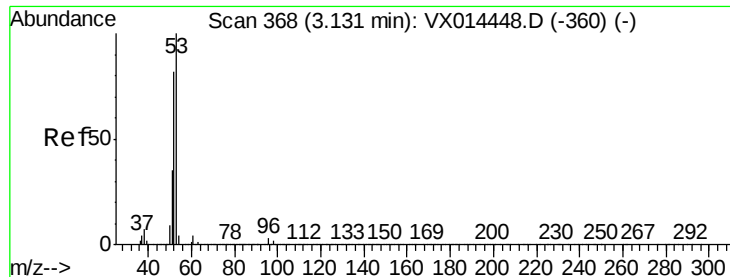
Tot Ion: 56 Resp: 97821
Ion Ratio Lower Upper
56 100
55 71.0 55.0 82.6



#14
Allyl chloride
Concen: 18.944 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

Tgt Ion: 41 Resp: 177759
Ion Ratio Lower Upper
41 100
39 64.3 51.7 77.5
76 32.9 26.8 40.2





#15

Acrylonitrile

Concen: 94.136 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

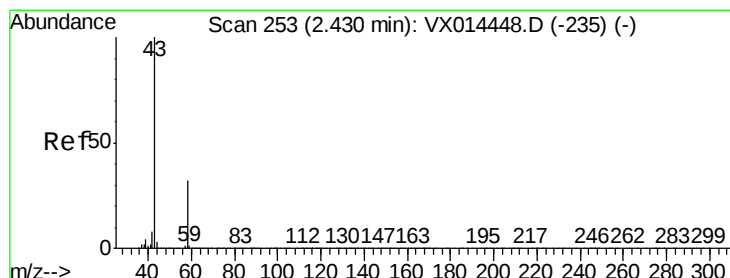
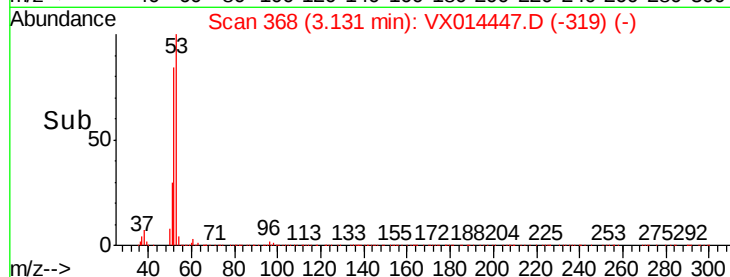
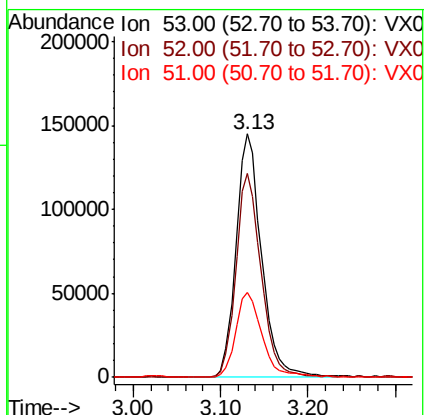
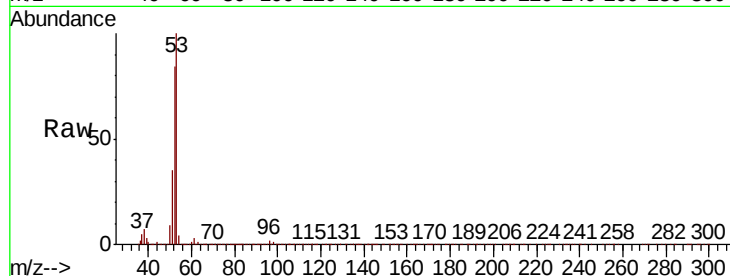
Tot Ion: 53 Resp: 293461

Ion Ratio Lower Upper

53 100

52 82.7 67.0 100.4

51 35.8 28.5 42.7



#16

Acetone

Concen: 80.057 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014447.D

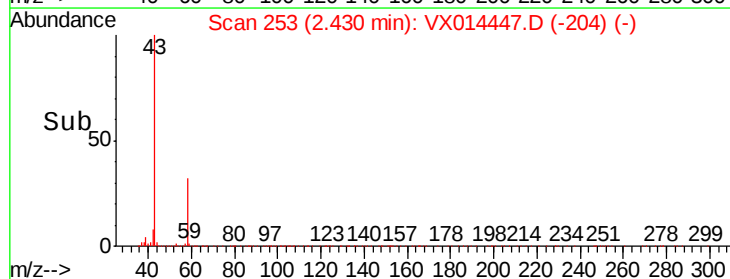
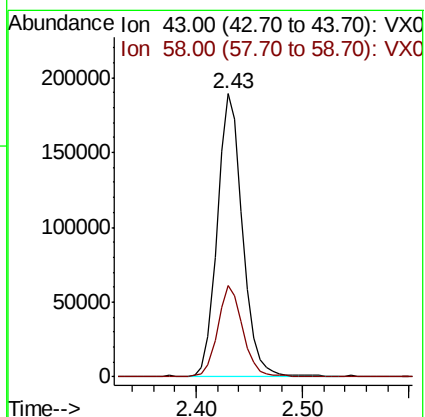
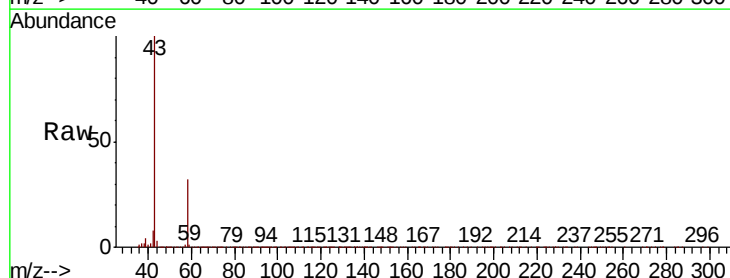
Acq: 07 Jan 2020 14:21

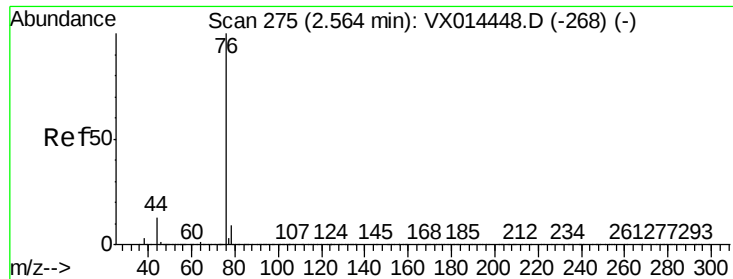
Tgt Ion: 43 Resp: 308902

Ion Ratio Lower Upper

43 100

58 32.3 25.4 38.0





#17

Carbon Disulfide

Concen: 17.473 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

Instrument :

MSVOA_X

ClientSampleId :

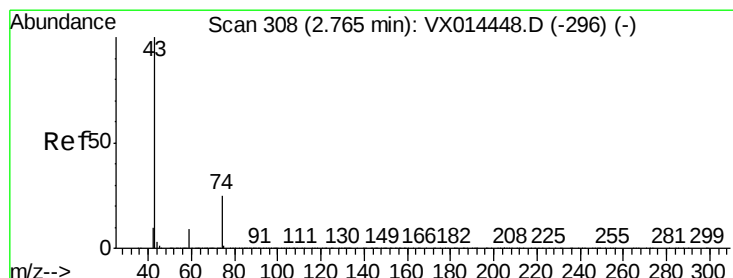
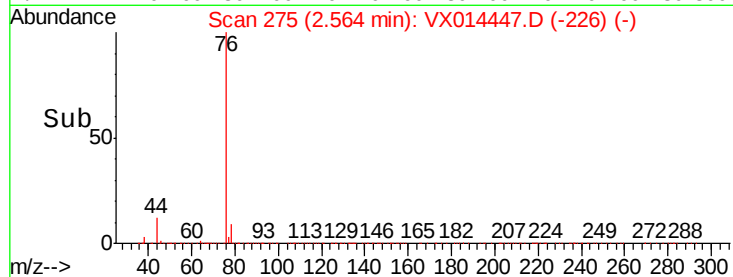
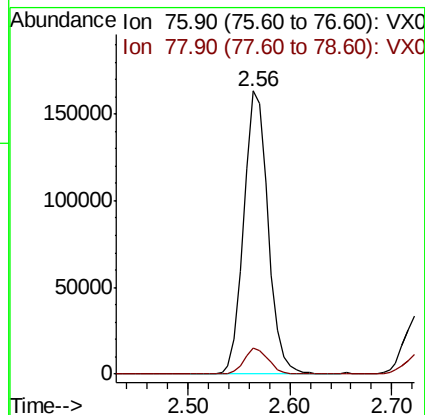
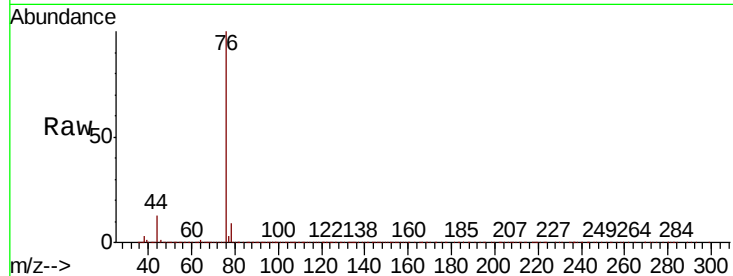
VSTDIC020

Tot Ion: 76 Resp: 270349

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.2



#18

Methyl Acetate

Concen: 21.351 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX014447.D

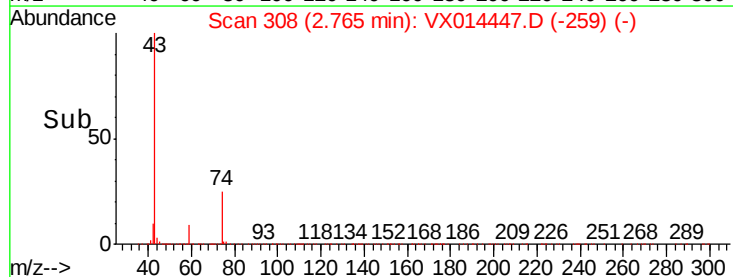
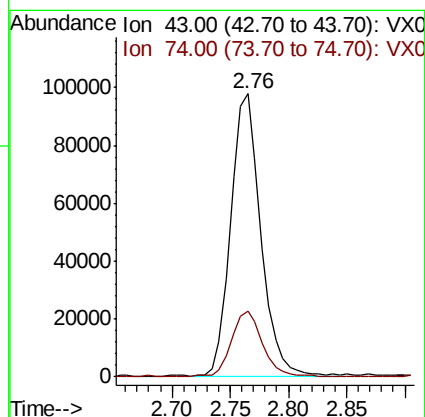
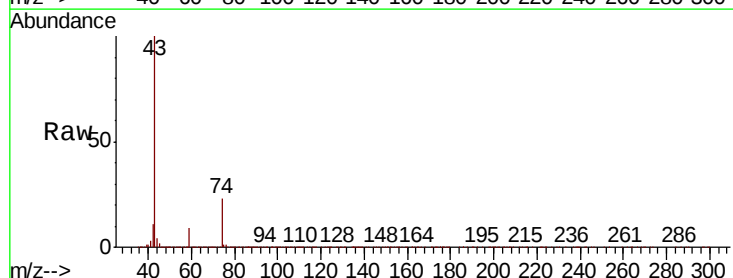
Acq: 07 Jan 2020 14:21

Tgt Ion: 43 Resp: 174909

Ion Ratio Lower Upper

43 100

74 24.4 19.4 29.2



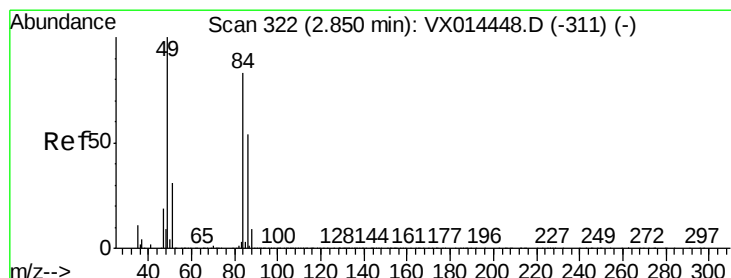
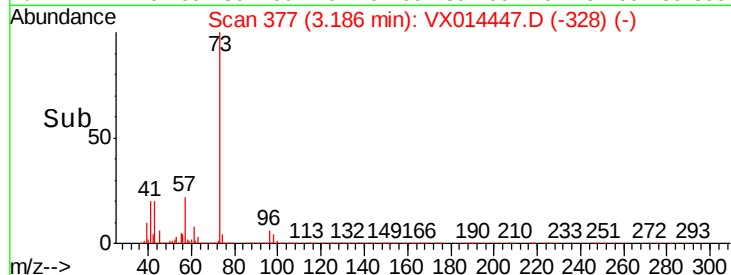
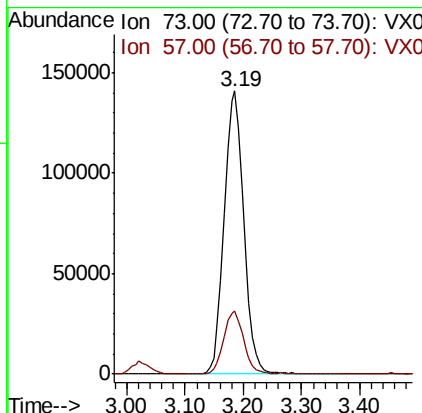
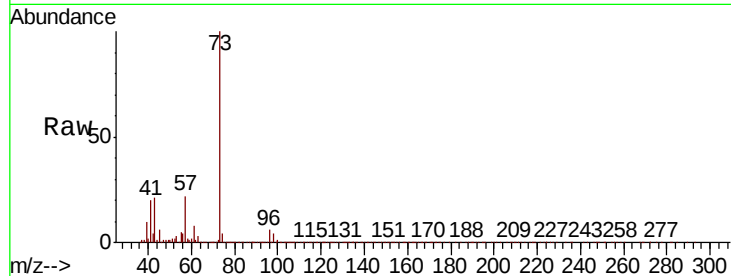


#19

Methyl tert-butyl Ether
 Concen: 19.066 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. 0.00 min
 Lab File: VX014447.D
 Acq: 07 Jan 2020 14:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

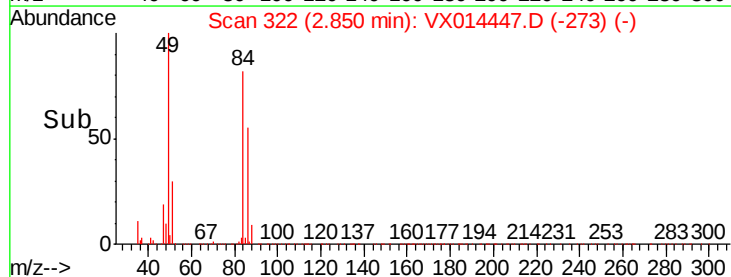
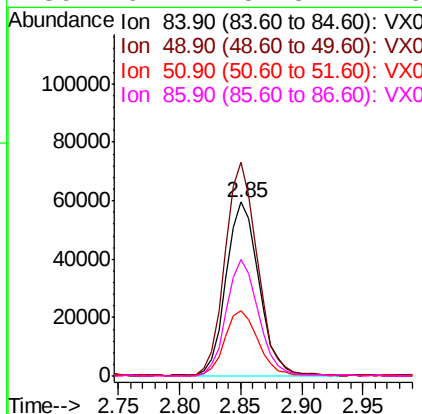
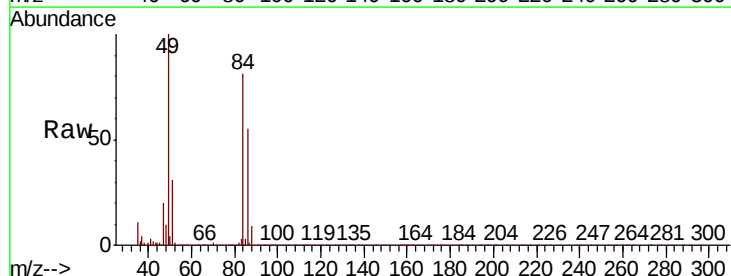
Tot Ion: 73 Resp: 329238
 Ion Ratio Lower Upper
 73 100
 57 22.2 17.8 26.8

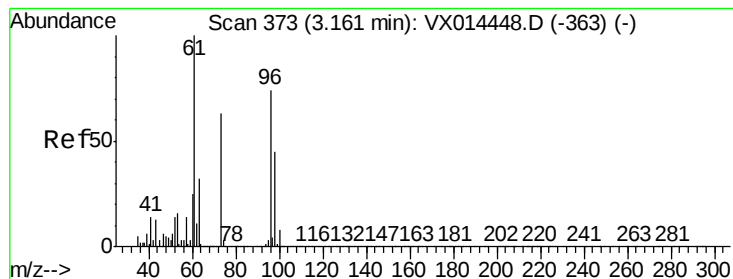


#20

Methylene Chloride
 Concen: 17.515 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. 0.00 min
 Lab File: VX014447.D
 Acq: 07 Jan 2020 14:21

Tgt Ion: 84 Resp: 110745
 Ion Ratio Lower Upper
 84 100
 49 122.8 95.8 143.8
 51 37.6 30.2 45.4
 86 67.4 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 18.579 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

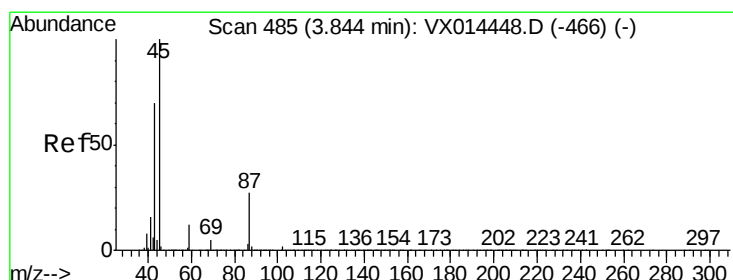
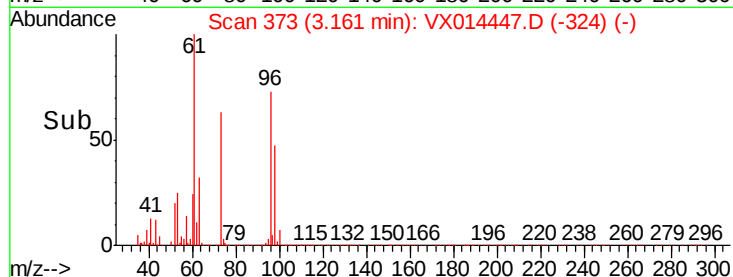
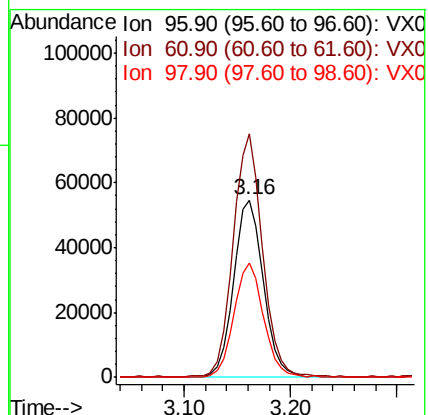
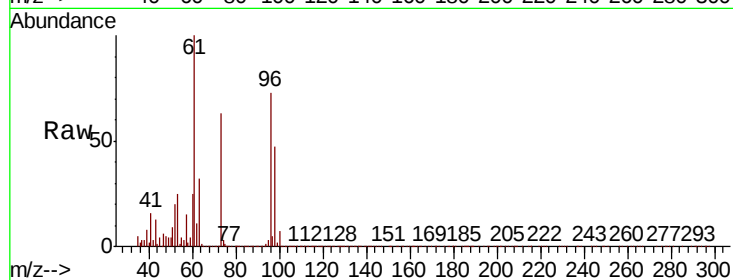
Tot Ion: 96 Resp: 107630

Ion Ratio Lower Upper

96 100

61 136.5 108.2 162.4

98 64.8 48.8 73.2



#22

Diisopropyl ether

Concen: 18.613 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

Tgt Ion: 45 Resp: 347277

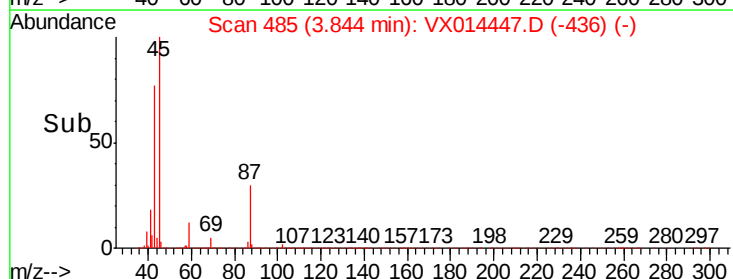
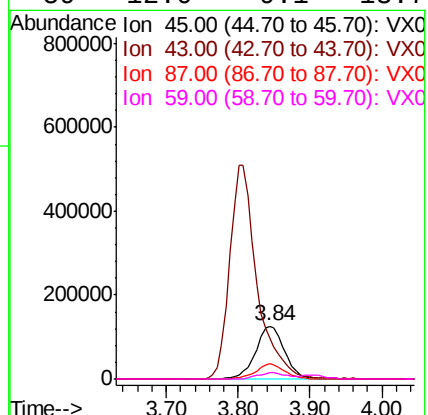
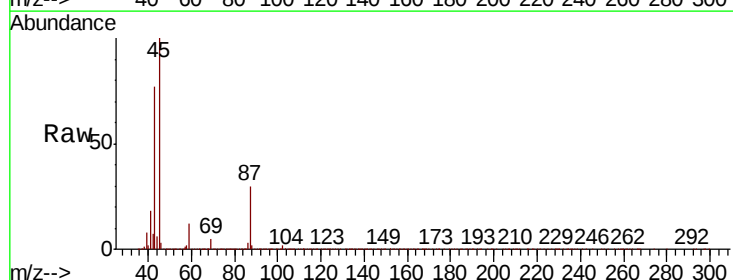
Ion Ratio Lower Upper

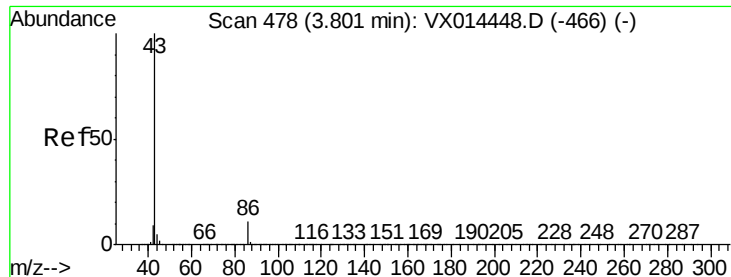
45 100

43 77.4 55.8 83.6

87 29.8 21.8 32.8

59 12.0 9.1 13.7





#23

Vinyl Acetate

Concen: 89.902 ug/l

RT: 3.81 min Scan# 479

Delta R.T. 0.01 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

Instrument :

MSVOA_X

ClientSampleId :

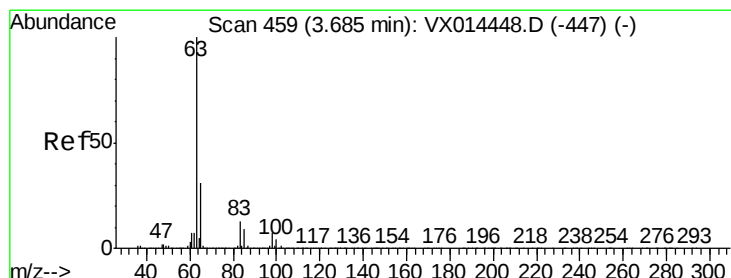
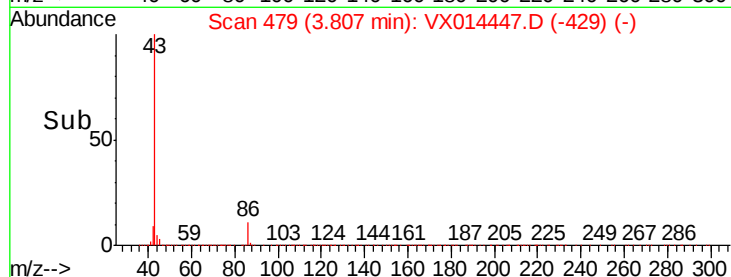
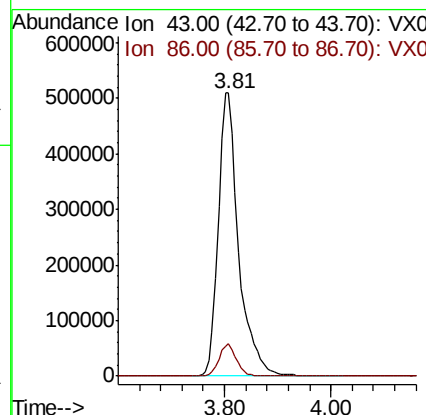
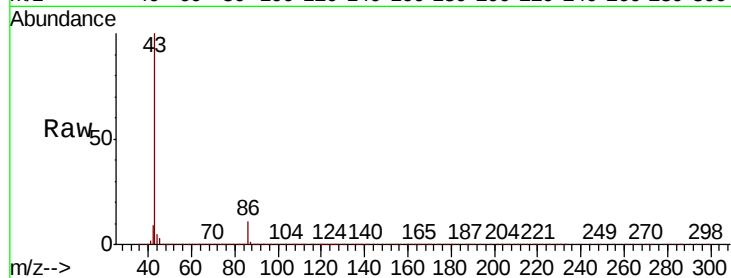
VSTDIC020

Tot Ion: 43 Resp: 1351418

Ion Ratio Lower Upper

43 100

86 11.3 8.4 12.6



#24

1,1-Dichloroethane

Concen: 18.166 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

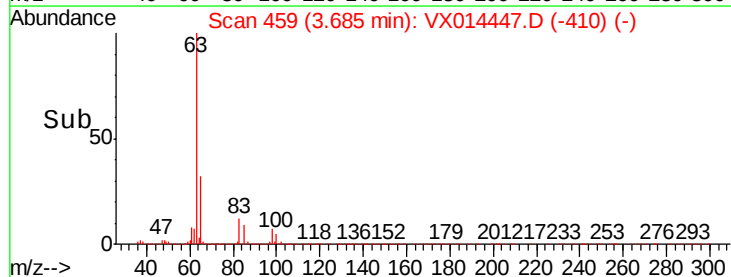
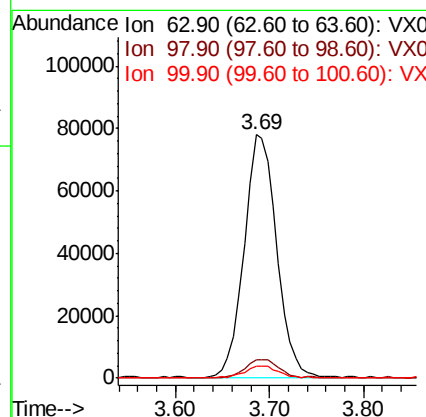
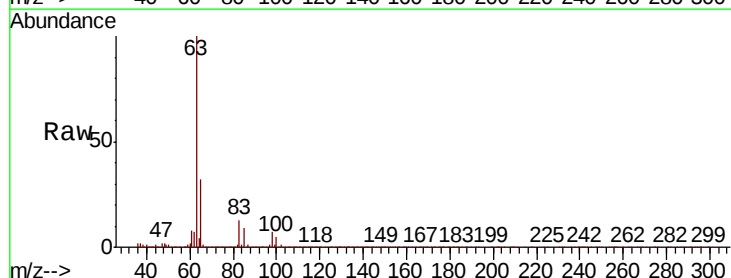
Tgt Ion: 63 Resp: 188657

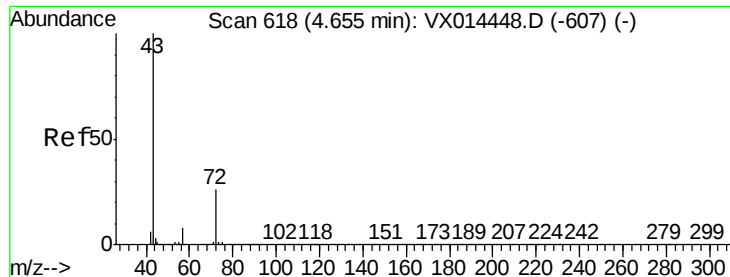
Ion Ratio Lower Upper

63 100

98 7.3 3.6 10.9

100 5.0 2.3 6.8





#25

2-Butanone

Concen: 89.819 ug/l

RT: 4.65 min Scan# 618

Delta R.T. 0.00 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

Instrument :

MSVOA_X

ClientSampleId :

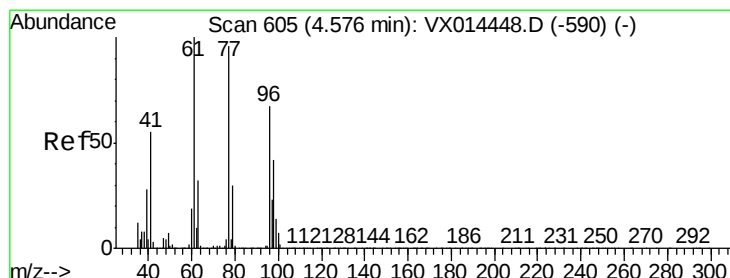
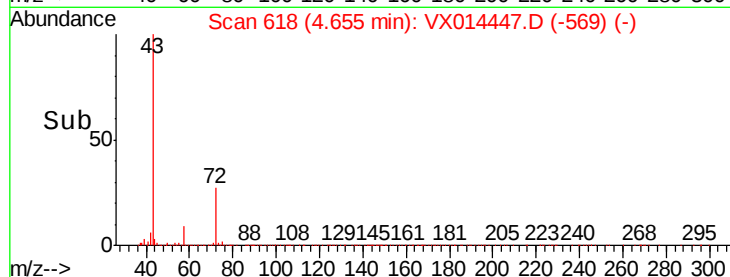
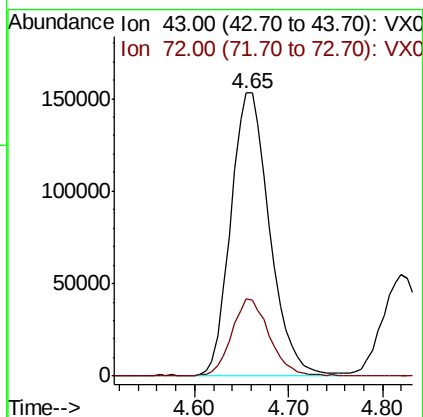
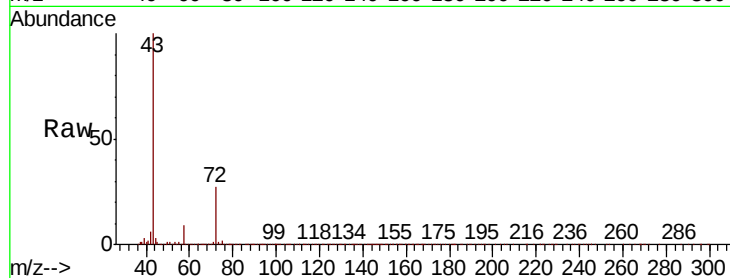
VSTDIC020

Tot Ion: 43 Resp: 437499

Ion Ratio Lower Upper

43 100

72 27.0 20.6 31.0



#26

2,2-Dichloropropane

Concen: 19.072 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014447.D

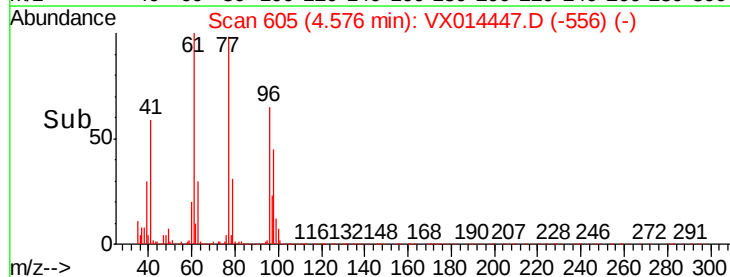
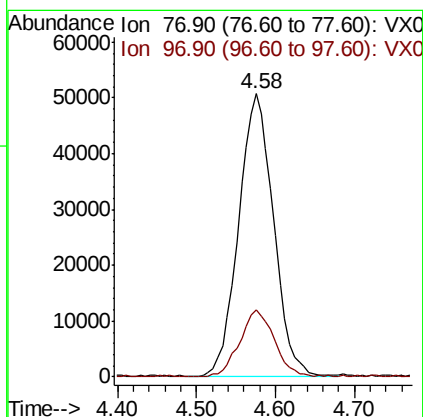
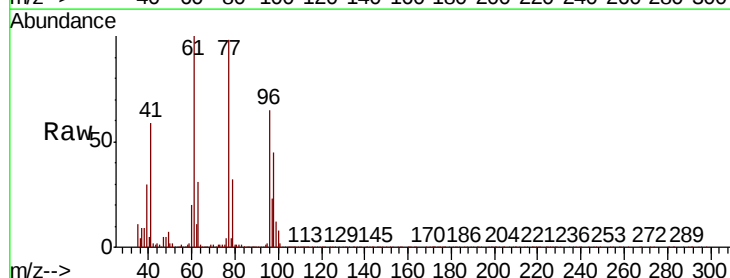
Acq: 07 Jan 2020 14:21

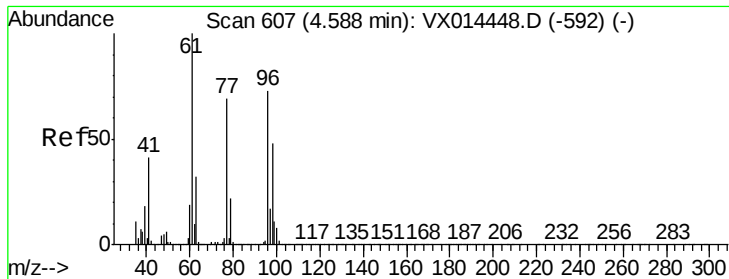
Tgt Ion: 77 Resp: 154979

Ion Ratio Lower Upper

77 100

97 23.8 11.7 35.1



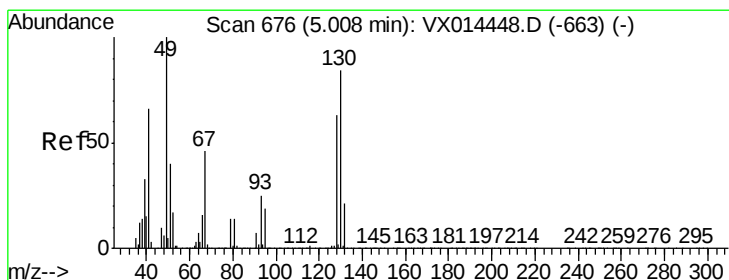
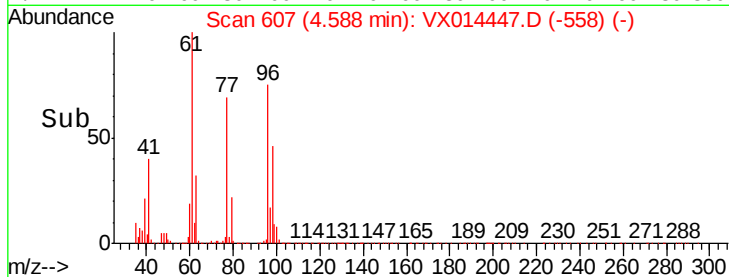
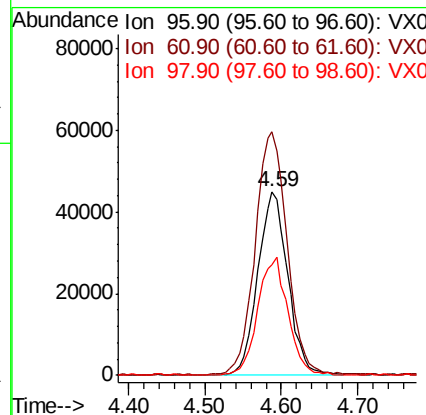
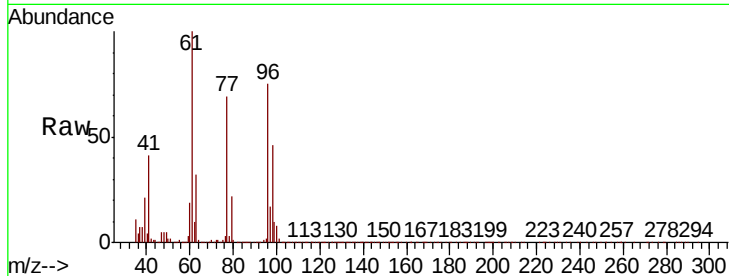


#27

cis-1,2-Dichloroethene
Concen: 18.889 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

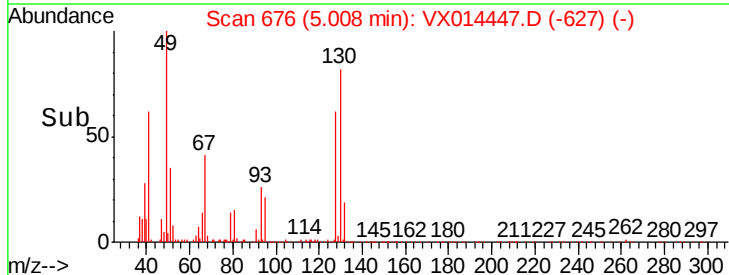
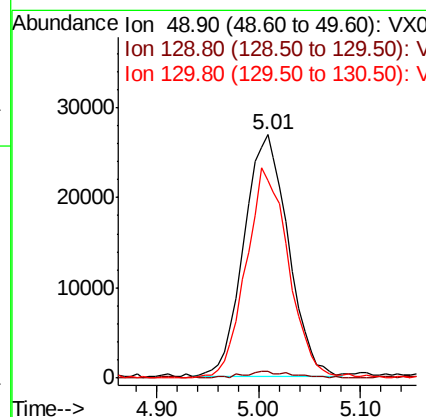
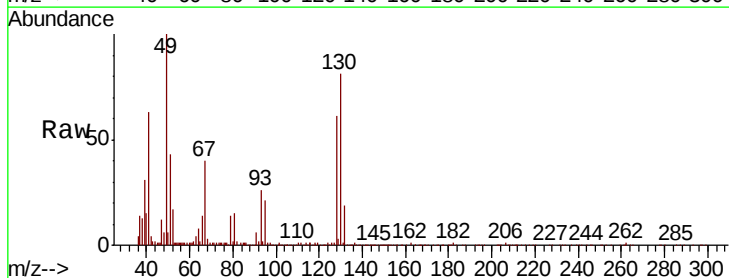
Tot Ion	Ratio	Lower	Upper
96	100		
61	141.2	0.0	285.4
98	63.8	0.0	130.6



#28

Bromochloromethane
Concen: 22.292 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	4.4
130	83.2	67.0	100.4





#29

Tetrahydrofuran

Concen: 94.614 ug/l

RT: 5.11 min Scan# 693

Delta R.T. 0.00 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

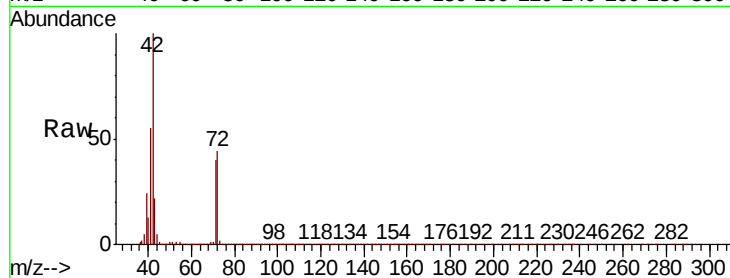
Tot Ion: 42 Resp: 262662

Ion Ratio Lower Upper

42 100

72 45.9 36.2 54.4

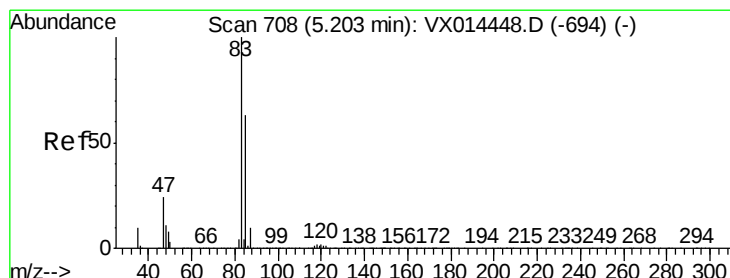
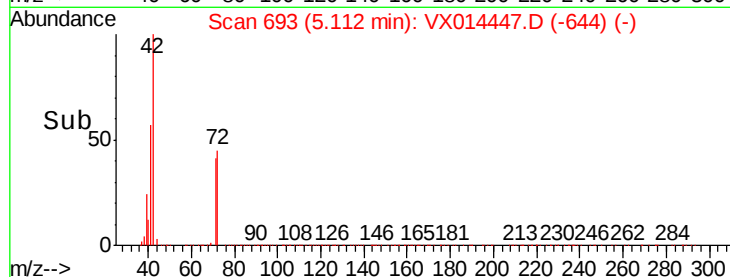
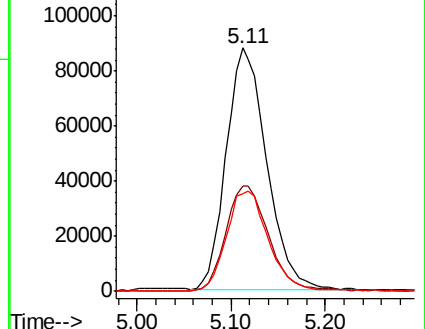
71 42.6 34.1 51.1



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: 18.710 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.00 min

Lab File: VX014447.D

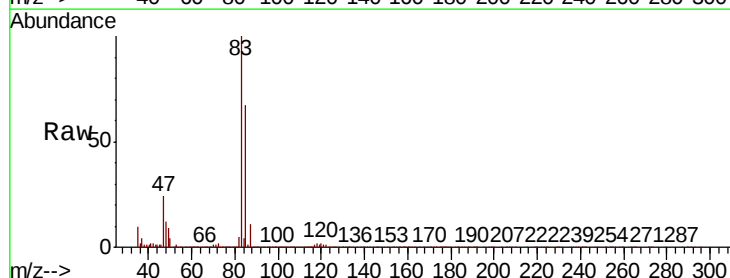
Acq: 07 Jan 2020 14:21

Tgt Ion: 83 Resp: 184013

Ion Ratio Lower Upper

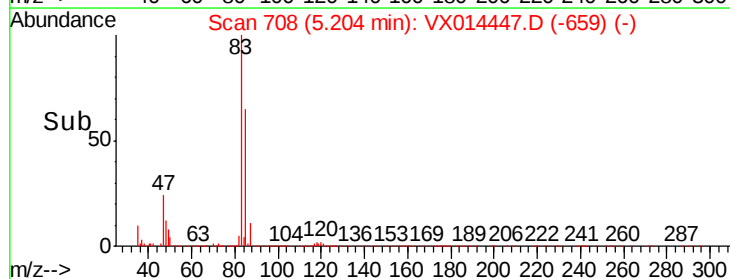
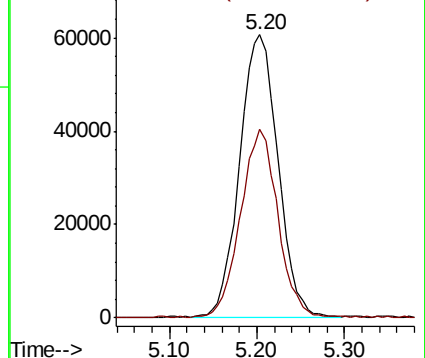
83 100

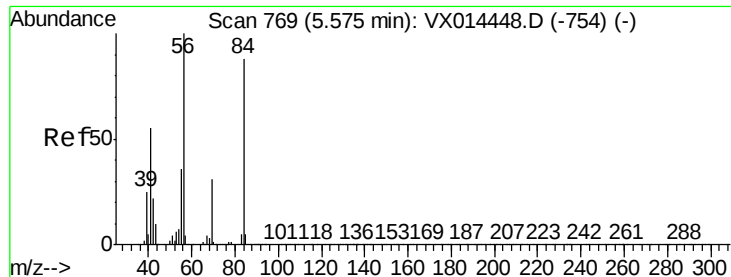
85 66.5 50.6 75.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

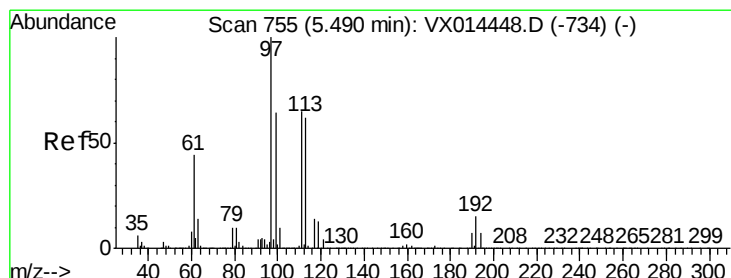
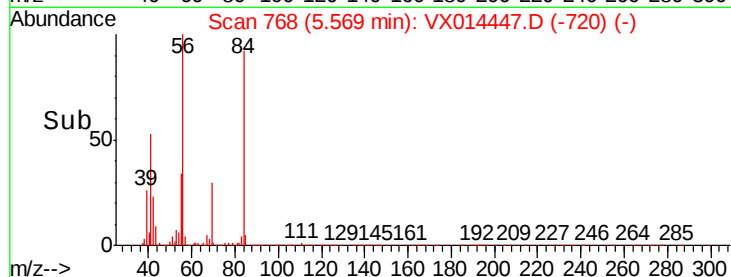
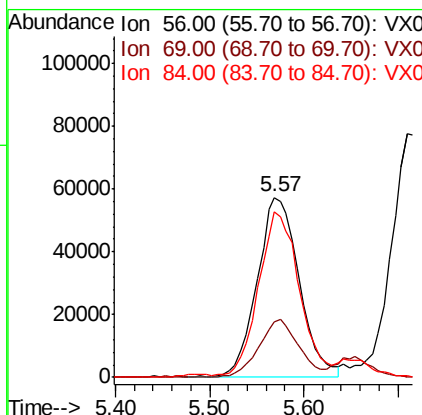
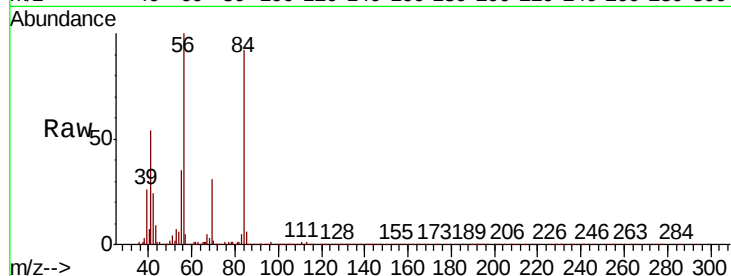




#31
Cyclohexane
Concen: 19.059 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

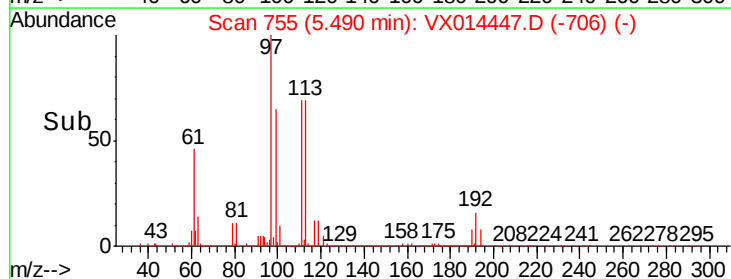
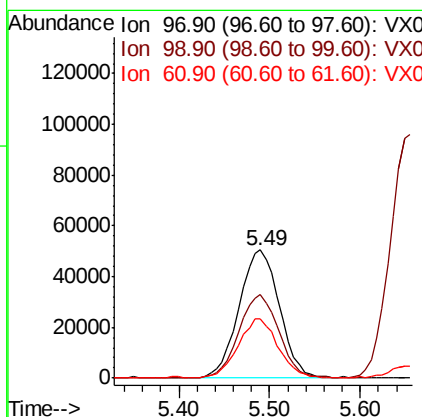
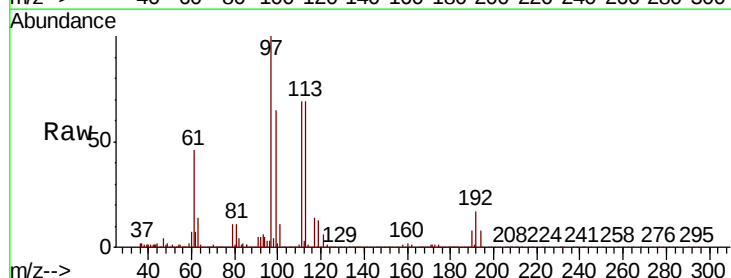
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

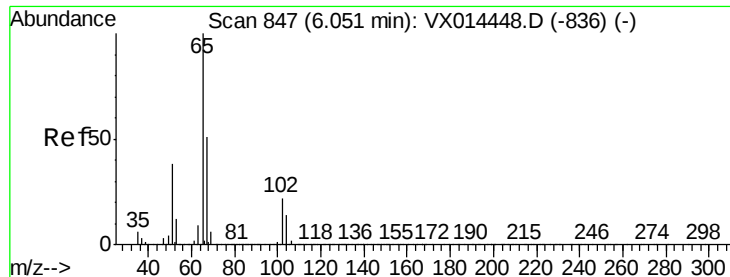
Tot Ion: 56 Resp: 177507
Ion Ratio Lower Upper
56 100
69 30.4 24.4 36.6
84 90.7 70.6 106.0



#32
1,1,1-Trichloroethane
Concen: 18.312 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

Tgt Ion: 97 Resp: 154057
Ion Ratio Lower Upper
97 100
99 65.6 51.8 77.6
61 46.6 35.9 53.9





#33

1,2-Dichloroethane-d4

Concen: 19.439 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

Instrument :

MSVOA_X

ClientSampleId :

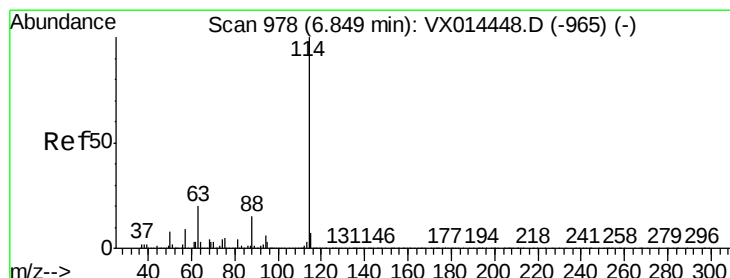
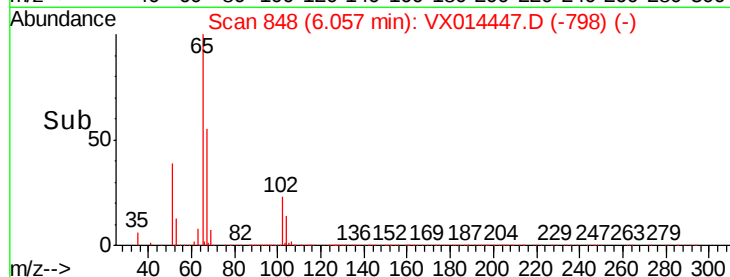
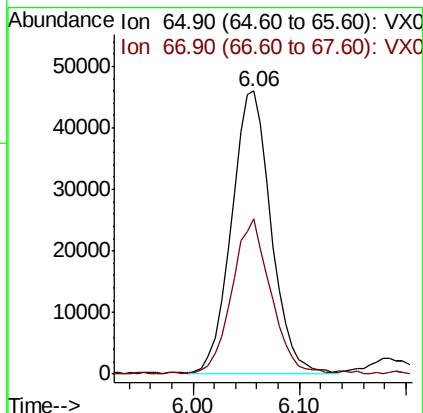
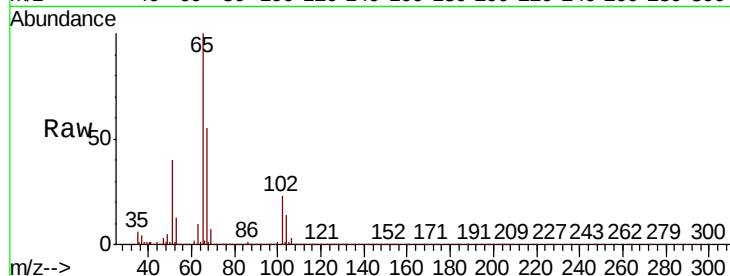
VSTDIC020

Tot Ion: 65 Resp: 118938

Ion Ratio Lower Upper

65 100

67 54.5 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

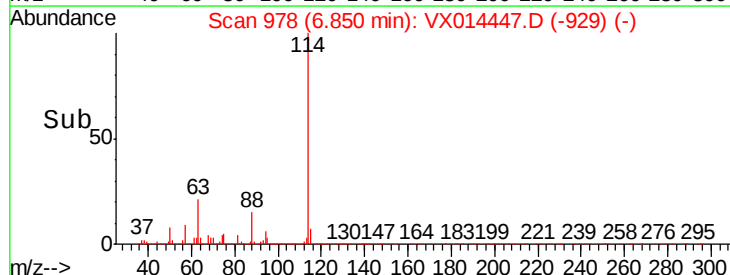
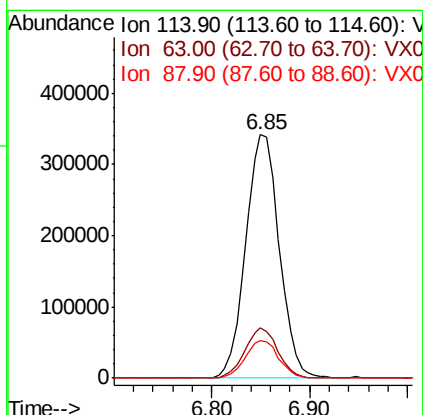
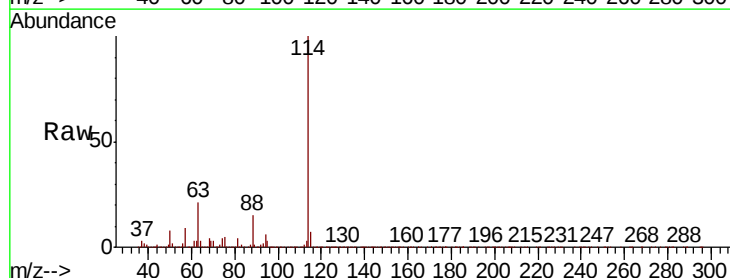
Tgt Ion: 114 Resp: 812658

Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.6

88 15.3 0.0 30.8





#35

Dibromofluoromethane

Concen: 19.949 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

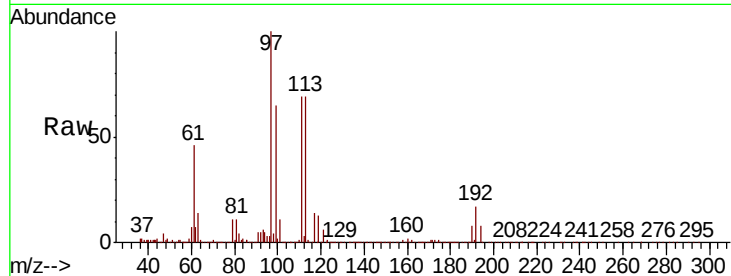
Tot Ion:113 Resp: 98398

Ion Ratio Lower Upper

113 100

111 102.7 81.5 122.3

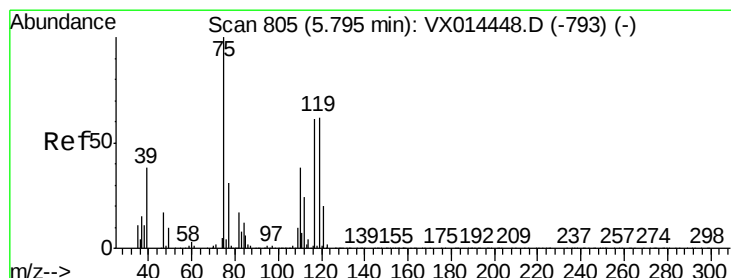
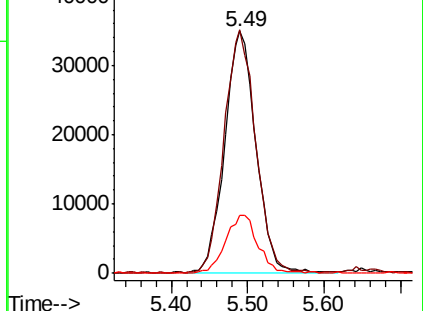
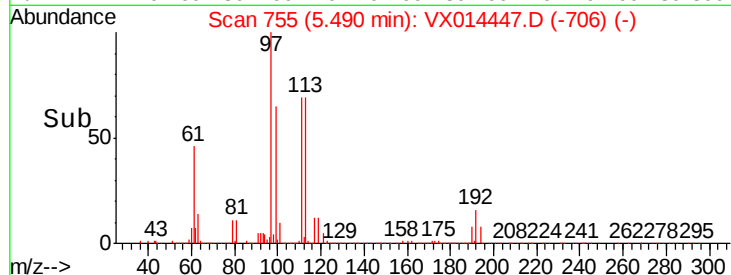
192 24.9 19.2 28.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.878 ug/l

RT: 5.79 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

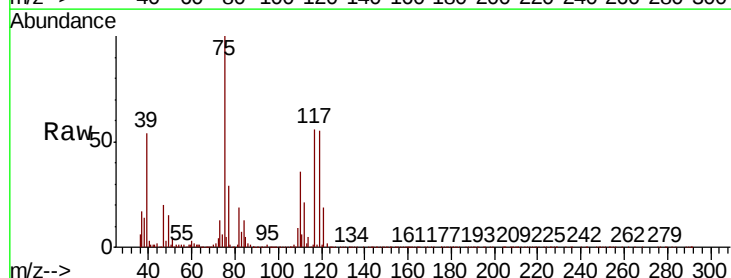
Tgt Ion: 75 Resp: 141974

Ion Ratio Lower Upper

75 100

110 38.2 18.6 55.8

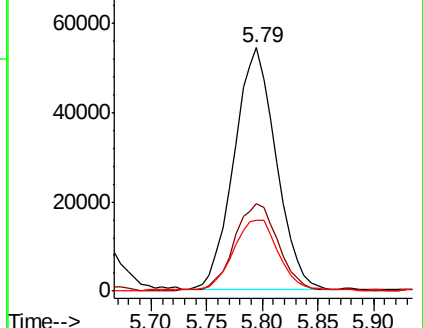
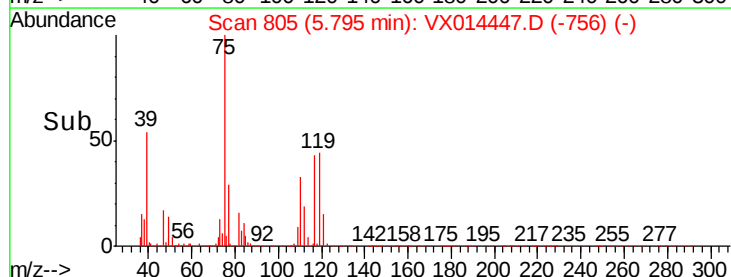
77 30.6 24.5 36.7

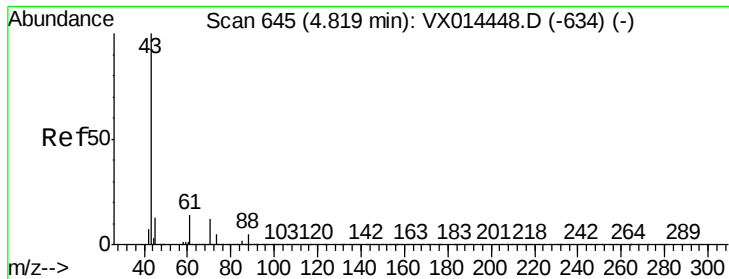


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

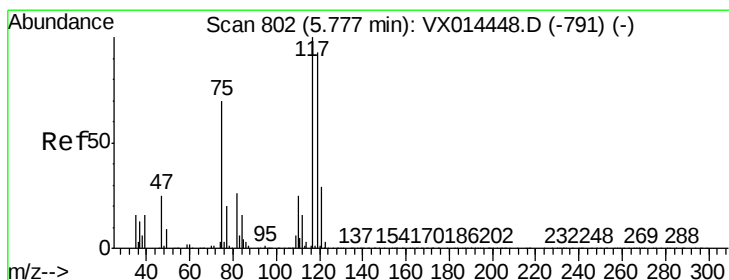
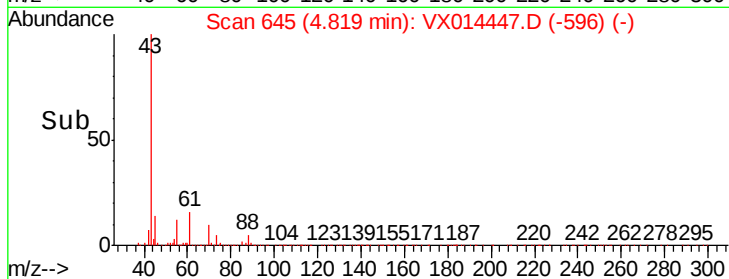
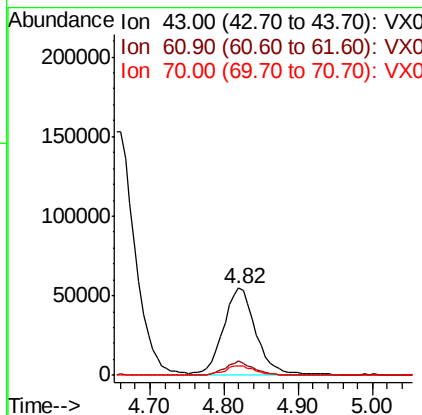
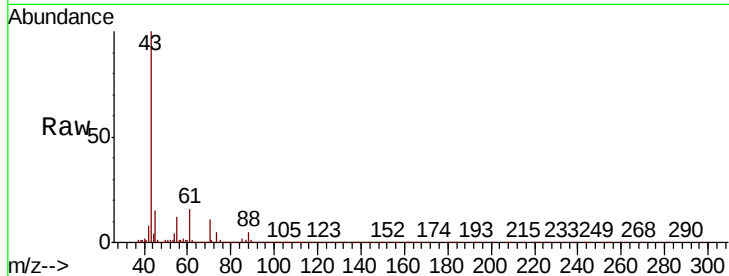




#37
Ethyl Acetate
Concen: 19.668 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

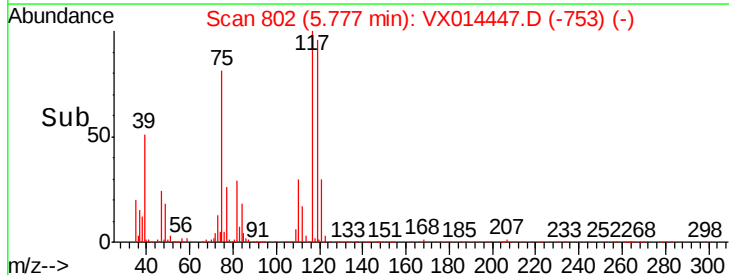
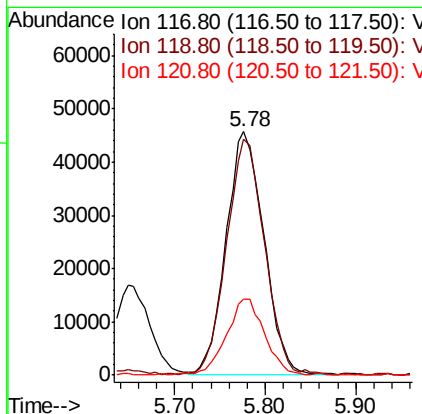
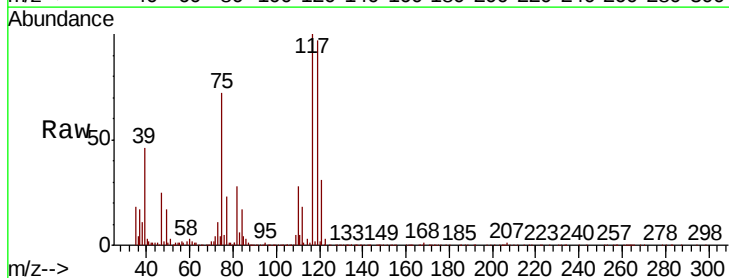
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

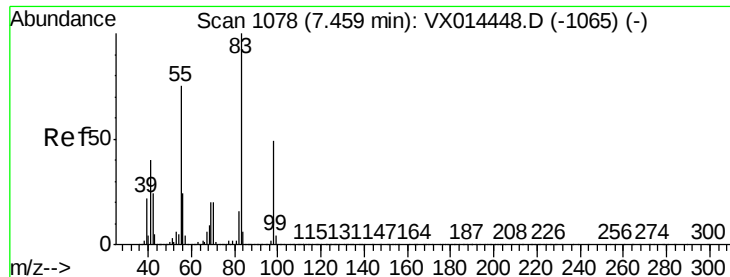
Tot Ion: 43 Resp: 162453
Ion Ratio Lower Upper
43 100
61 13.4 11.1 16.7
70 10.7 8.9 13.3



#38
Carbon Tetrachloride
Concen: 19.280 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

Tgt Ion: 117 Resp: 132316
Ion Ratio Lower Upper
117 100
119 96.7 73.8 110.8
121 30.7 23.4 35.0

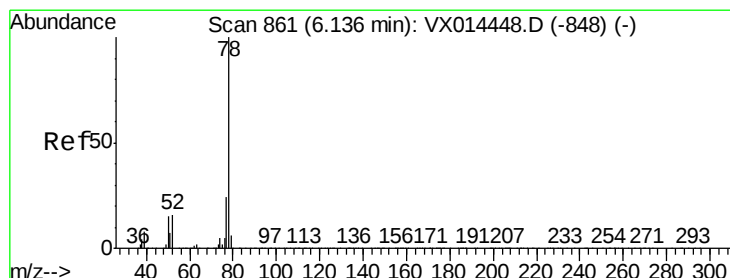
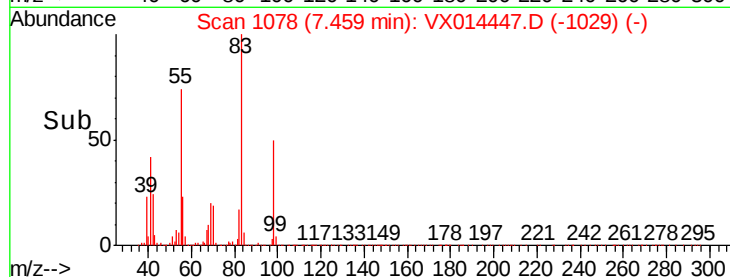
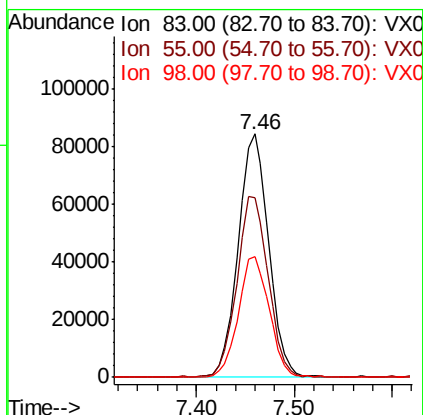
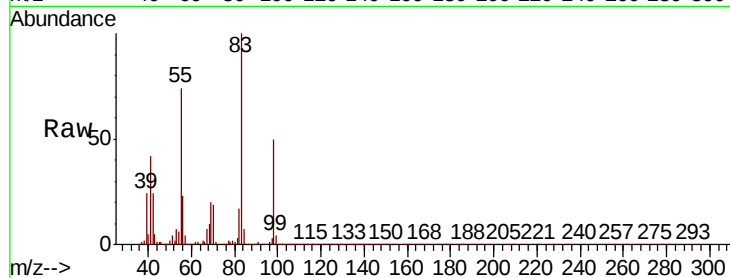




#39
Methvlcvclohexane
Concen: 19.379 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

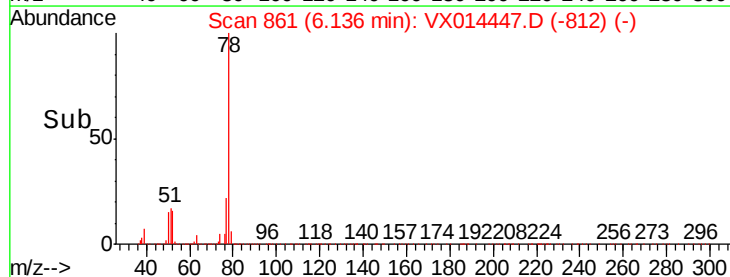
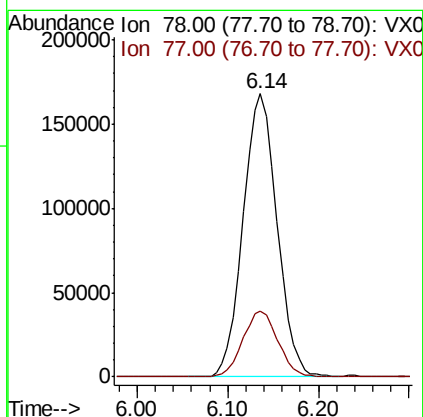
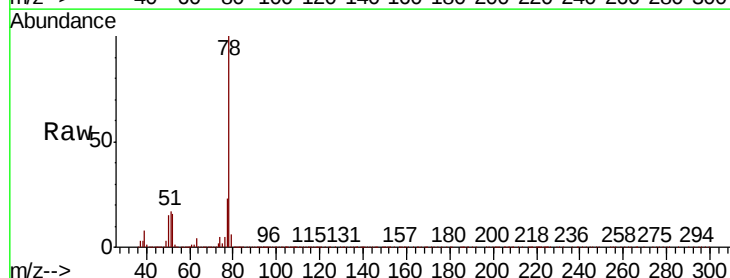
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

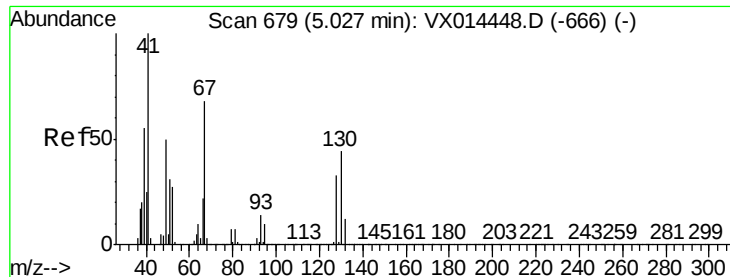
Tot Ion: 83 Resp: 181192
Ion Ratio Lower Upper
83 100
55 73.6 59.7 89.5
98 49.7 39.1 58.7



#40
Benzene
Concen: 18.835 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

Tgt Ion: 78 Resp: 434239
Ion Ratio Lower Upper
78 100
77 23.1 19.5 29.3

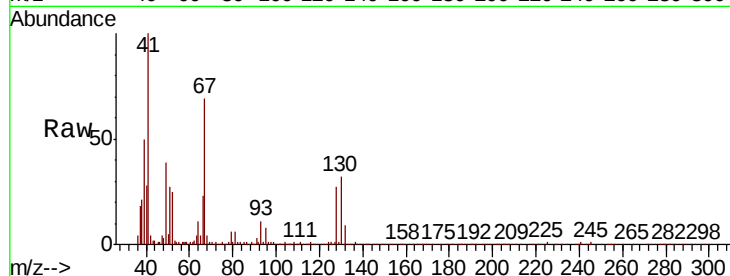




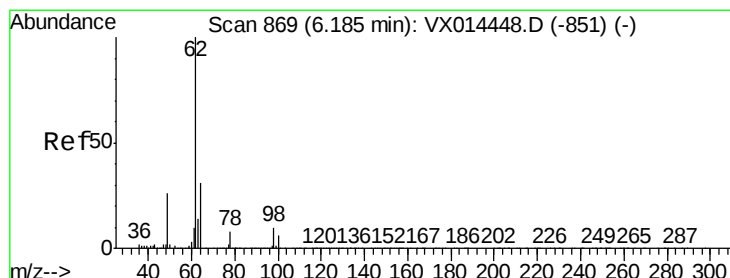
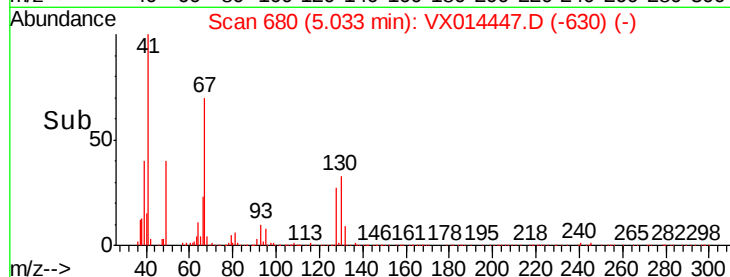
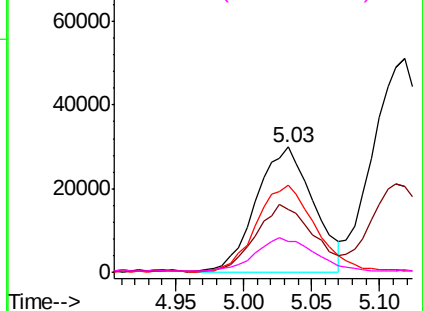
#41
Methacrylonitrile
Concen: 19.145 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion:	41	Resp:	87954
Ion	Ratio	Lower	Upper
41	100		
39	52.9	43.6	65.4
67	71.4	57.9	86.9
52	27.5	23.0	34.6

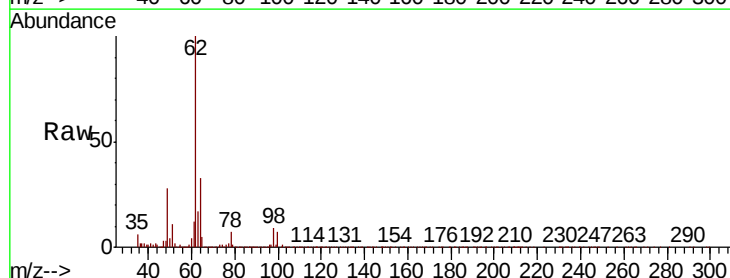


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

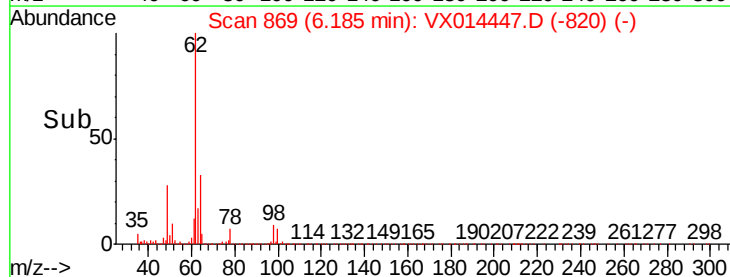
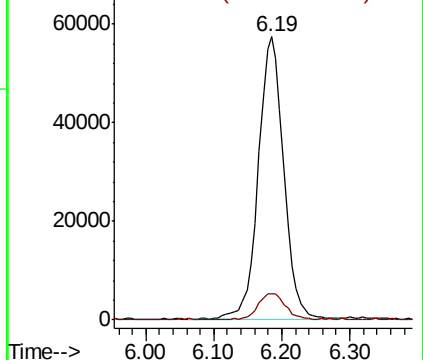


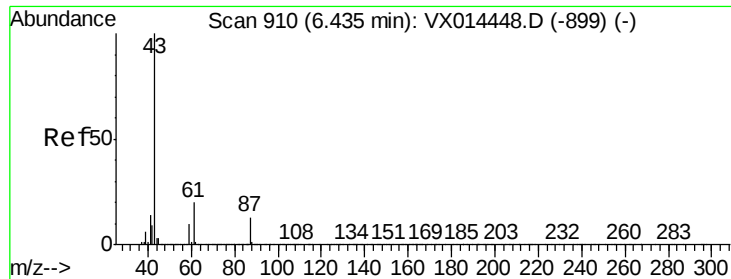
#42
1,2-Dichloroethane
Concen: 19.379 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

Tgt Ion:	62	Resp:	151483
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.4



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



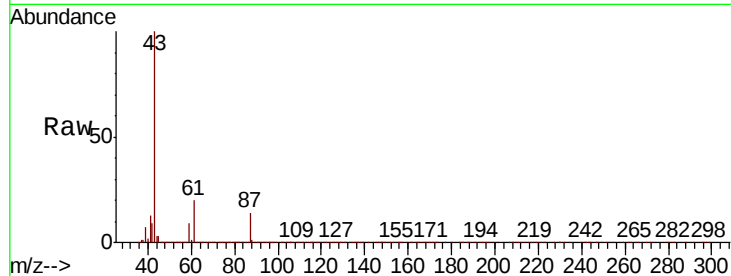


#43

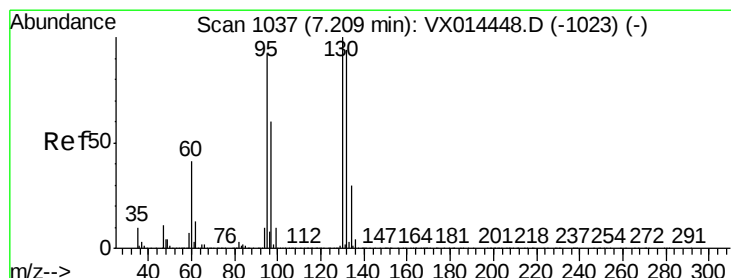
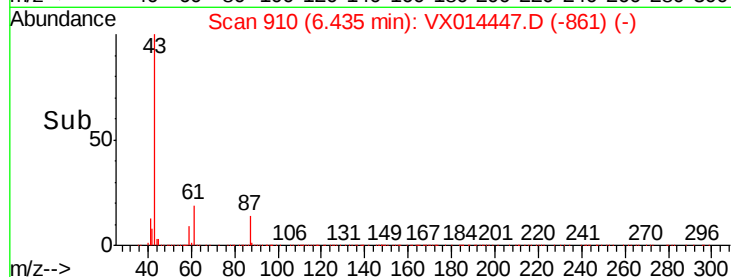
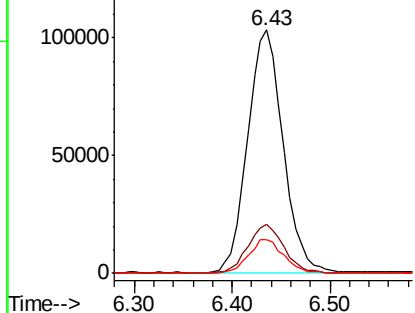
Isopropyl Acetate
 Concen: 18.976 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX014447.D
 Acq: 07 Jan 2020 14:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	43	Resp	259768
Ion Ratio	Lower	Upper	
43	100		
61	20.9	16.6	24.8
87	13.6	10.8	16.2



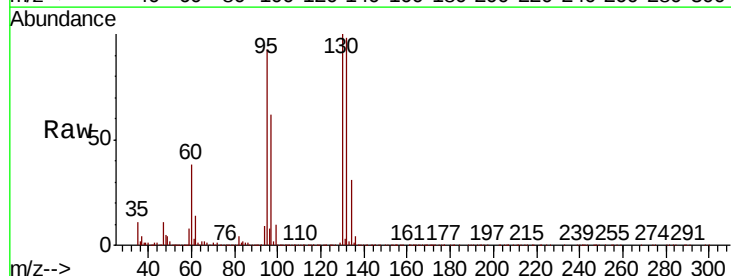
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



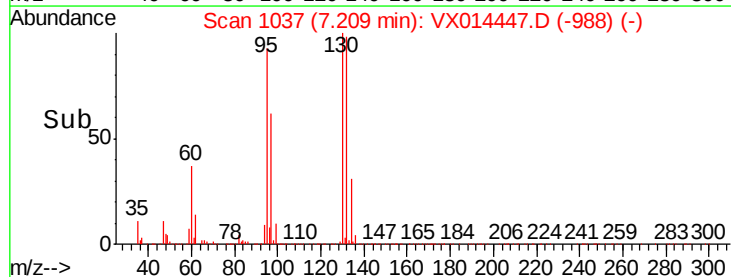
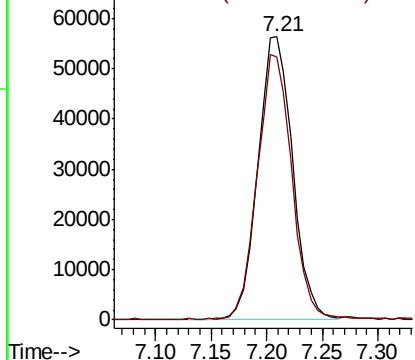
#44

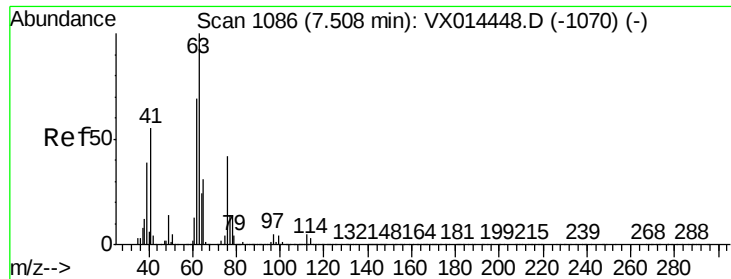
Trichloroethene
 Concen: 18.981 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VX014447.D
 Acq: 07 Jan 2020 14:21

Tgt Ion	130	Resp	122048
Ion Ratio	Lower	Upper	
130	100		
95	92.5	0.0	184.2



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

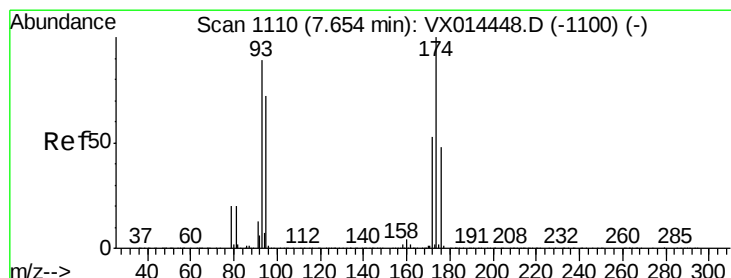
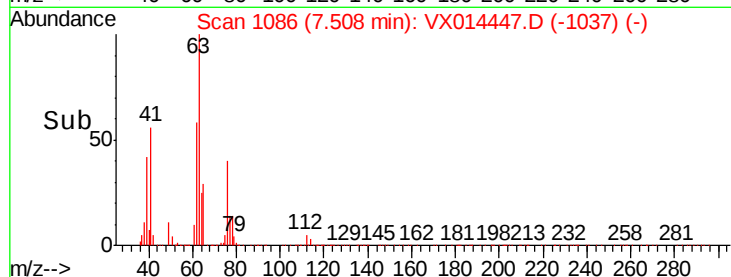
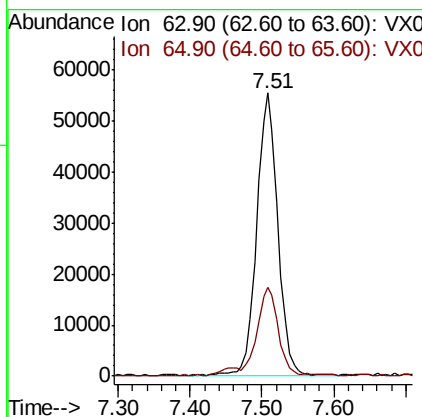
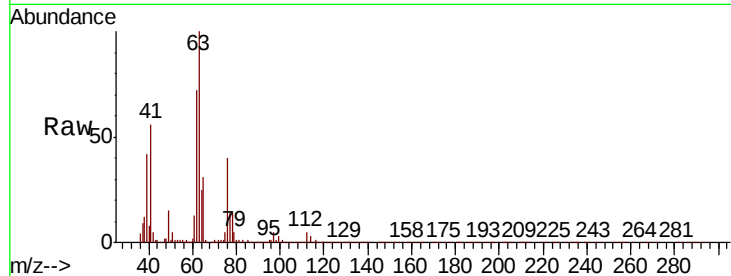




#45
 1,2-Dichloropropane
 Concen: 19.033 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014447.D
 Acq: 07 Jan 2020 14:21

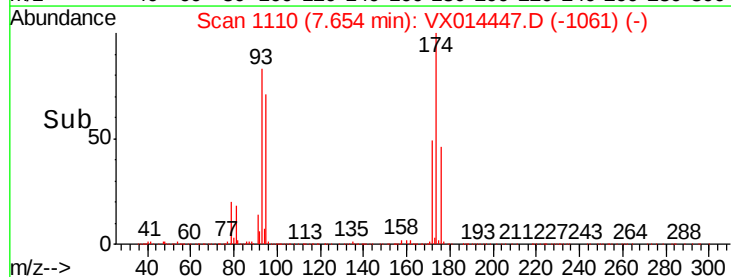
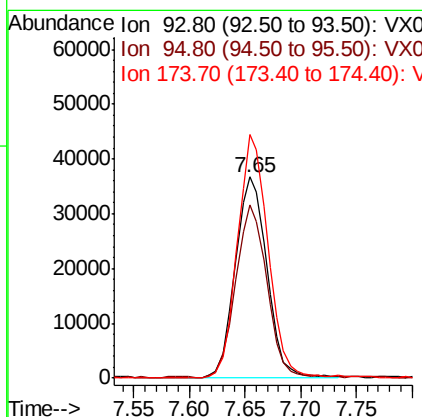
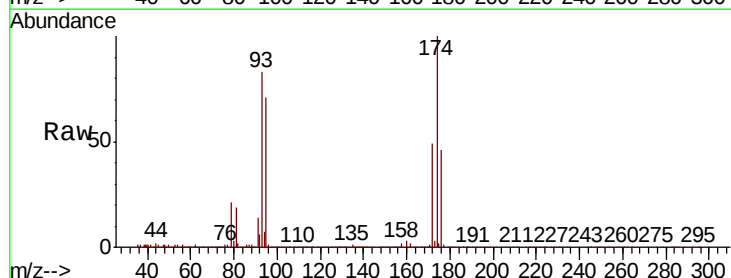
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

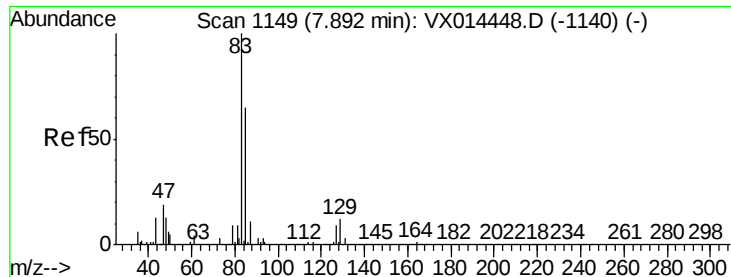
Tot Ion: 63 Resp: 112438
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.8 37.2



#46
 Dibromomethane
 Concen: 18.506 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014447.D
 Acq: 07 Jan 2020 14:21

Tgt Ion: 93 Resp: 72528
 Ion Ratio Lower Upper
 93 100
 95 84.1 65.4 98.2
 174 117.3 93.0 139.4





#47

Bromodichloromethane

Concen: 18.709 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

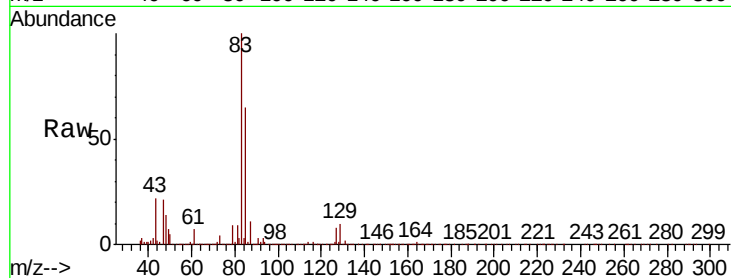
Tot Ion: 83 Resp: 137929

Ion Ratio Lower Upper

83 100

85 64.9 51.7 77.5

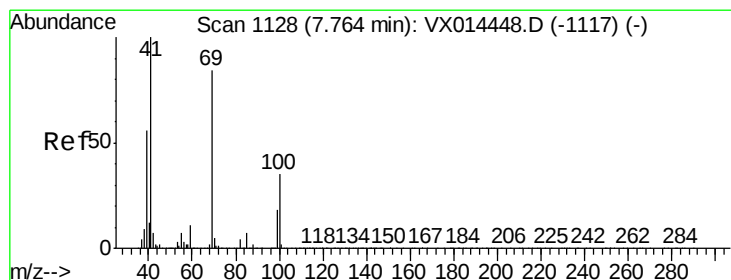
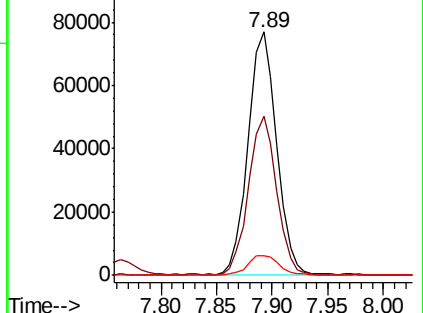
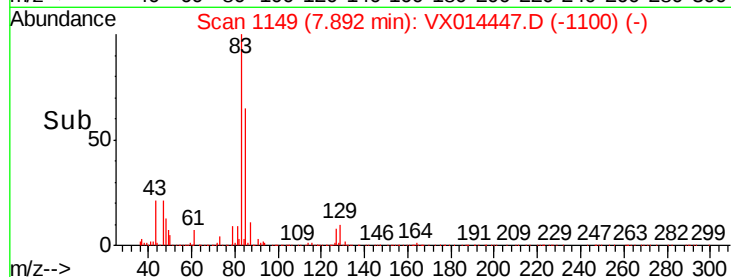
127 8.0 7.1 10.7



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: 18.725 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

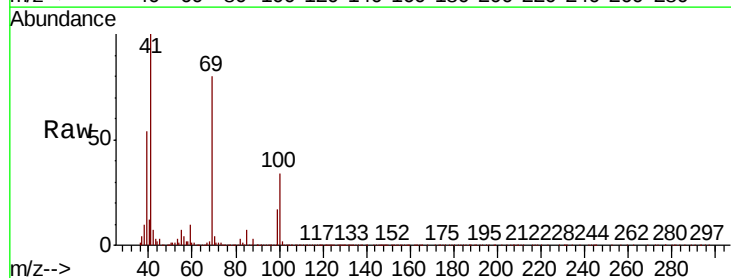
Tgt Ion: 41 Resp: 125447

Ion Ratio Lower Upper

41 100

69 82.8 65.5 98.3

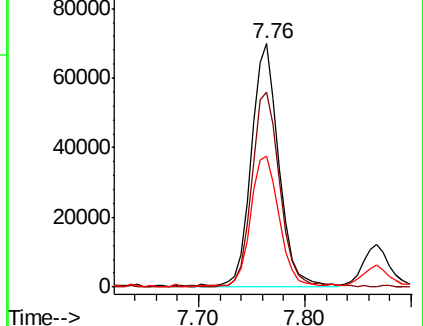
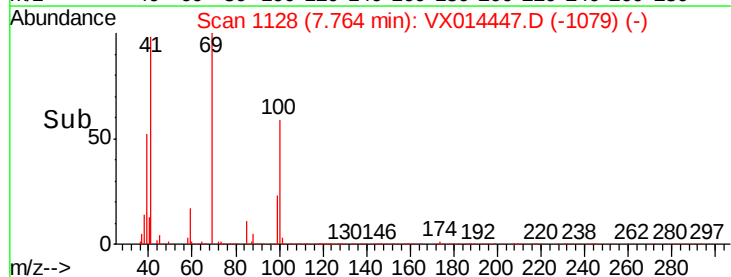
39 55.6 43.9 65.9

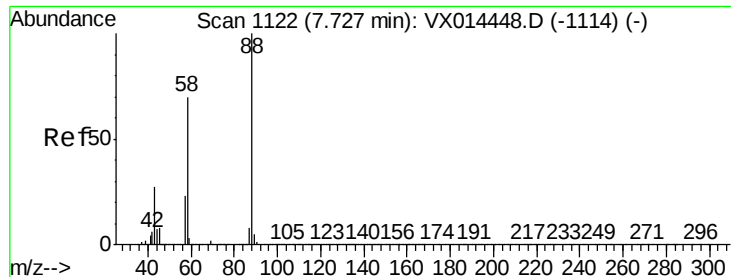


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 387.828 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. 0.00 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

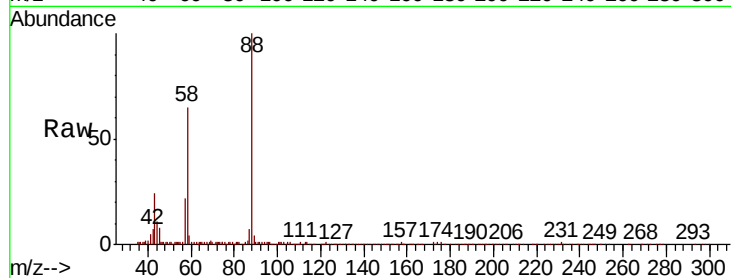
Tot Ion: 88 Resp: 53237

Ion Ratio Lower Upper

88 100

43 32.6 27.4 41.0

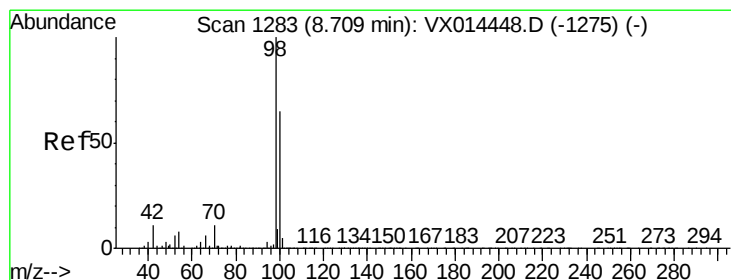
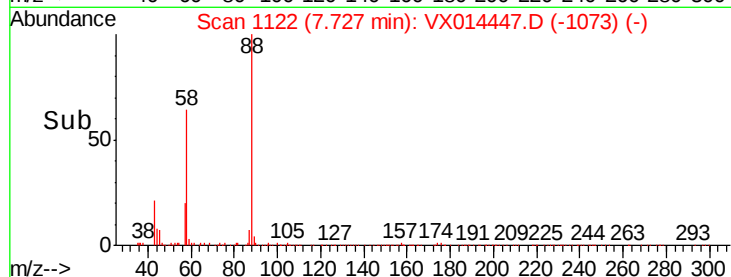
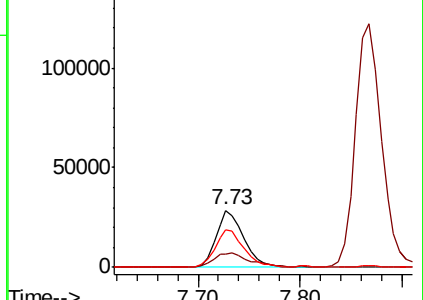
58 69.8 57.1 85.7



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 20.069 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014447.D

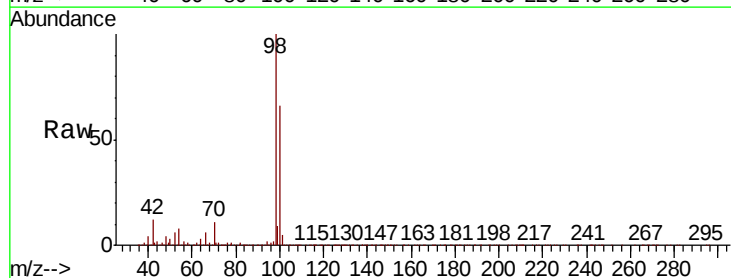
Acq: 07 Jan 2020 14:21

Tgt Ion: 98 Resp: 383651

Ion Ratio Lower Upper

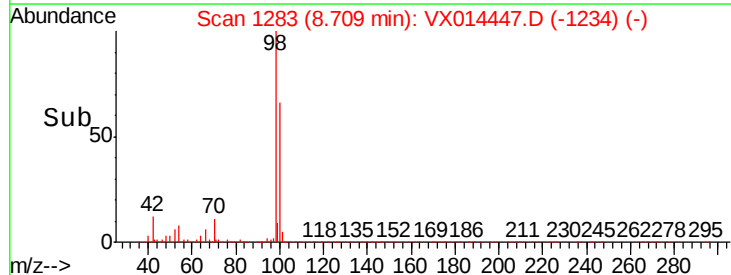
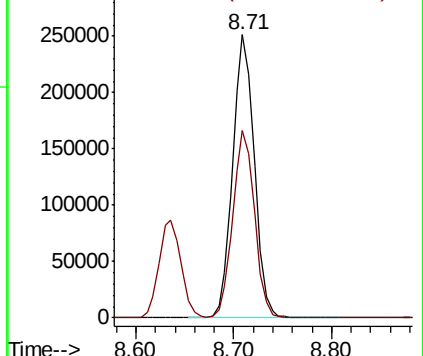
98 100

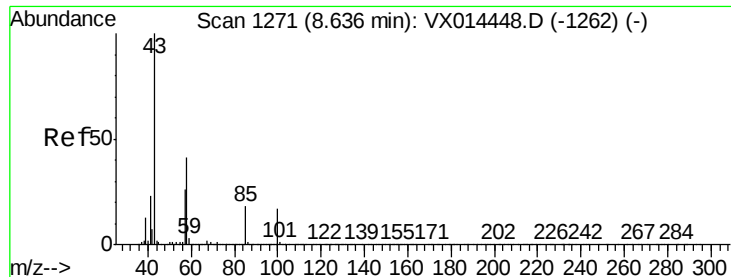
100 66.6 53.2 79.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

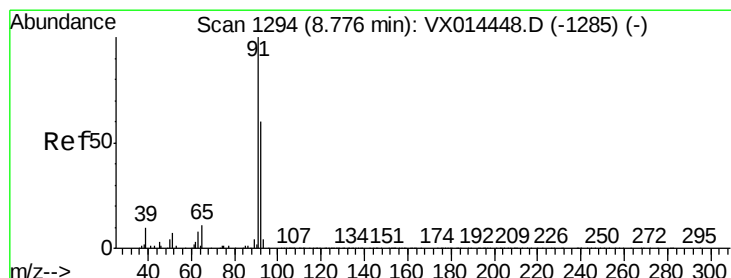
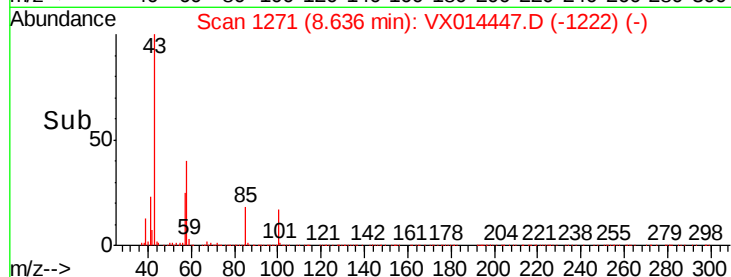
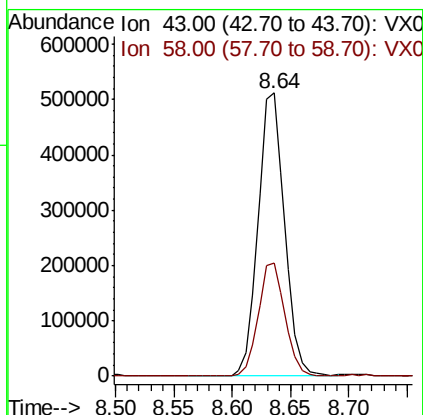
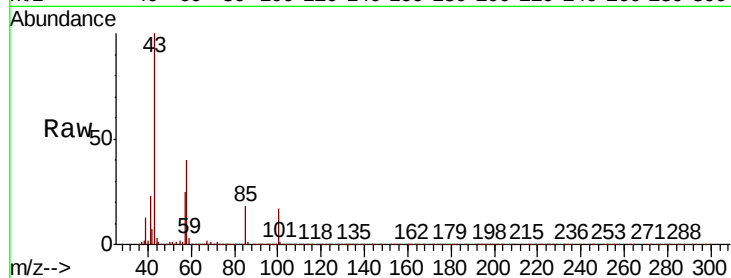




#51
4-Methyl-2-Pentanone
Concen: 94.788 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

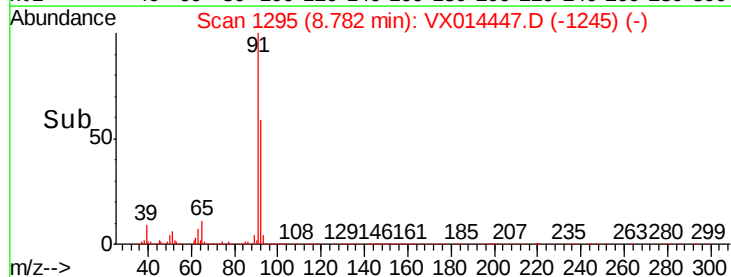
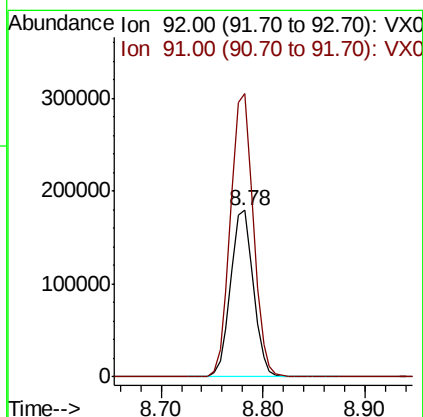
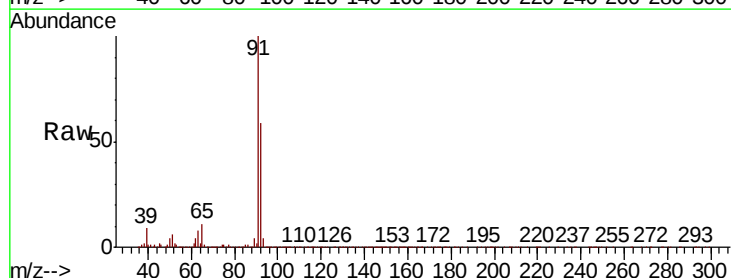
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion: 43 Resp: 812206
Ion Ratio Lower Upper
43 100
58 40.1 32.4 48.6



#52
Toluene
Concen: 18.755 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.01 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

Tgt Ion: 92 Resp: 273827
Ion Ratio Lower Upper
92 100
91 171.3 135.7 203.5





#53

t-1,3-Dichloropropene

Concen: 19.533 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.01 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

Instrument :

MSVOA_X

ClientSampleId :

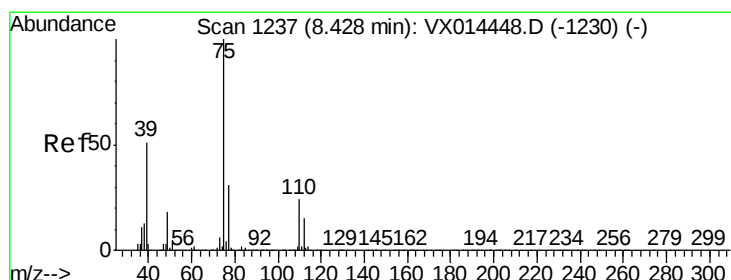
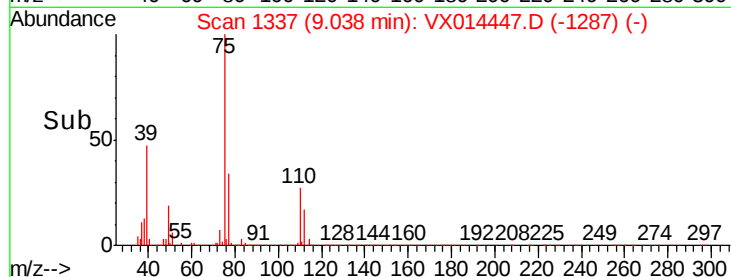
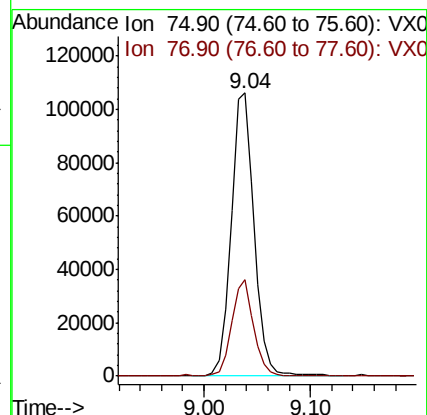
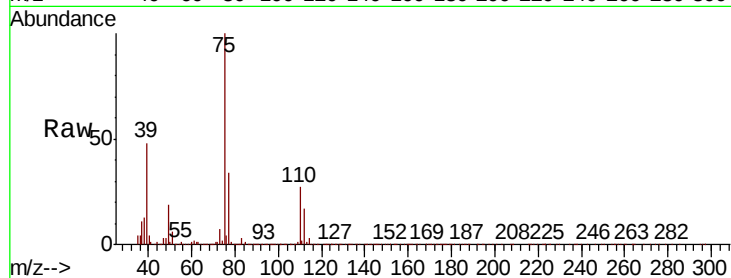
VSTDIC020

Tot Ion: 75 Resp: 158191

Ion Ratio Lower Upper

75 100

77 33.7 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 19.647 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

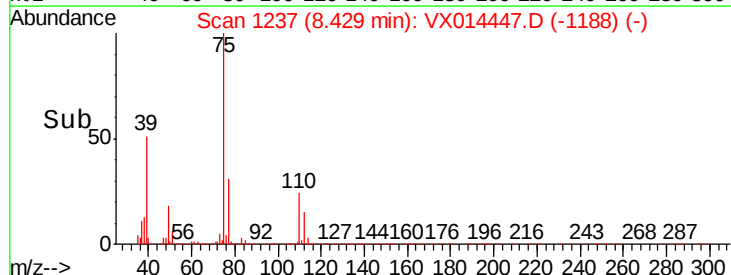
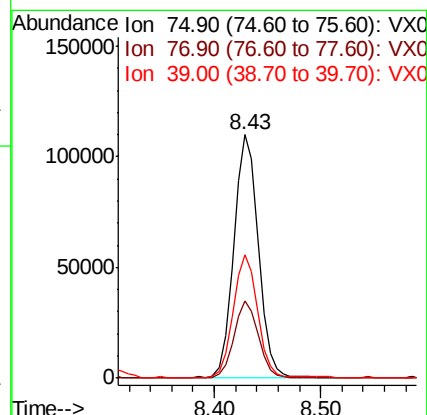
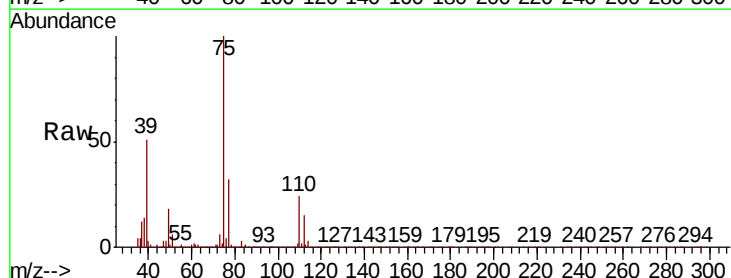
Tgt Ion: 75 Resp: 177234

Ion Ratio Lower Upper

75 100

77 31.4 25.0 37.4

39 50.6 40.7 61.1





#55

1,1,2-Trichloroethane

Concen: 18.868 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 97 Resp: 110243

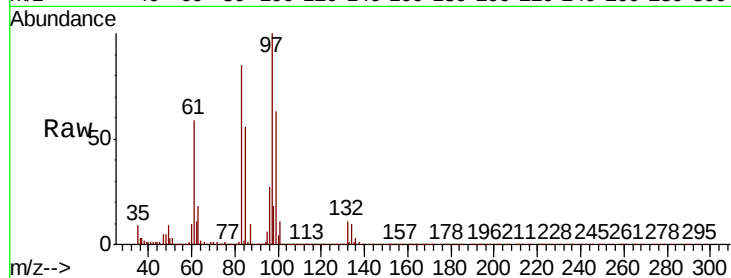
Ion Ratio Lower Upper

97 100

83 85.1 66.4 99.6

85 55.5 43.4 65.2

99 62.3 49.6 74.4



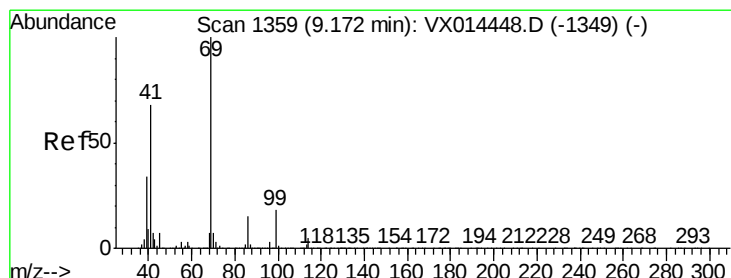
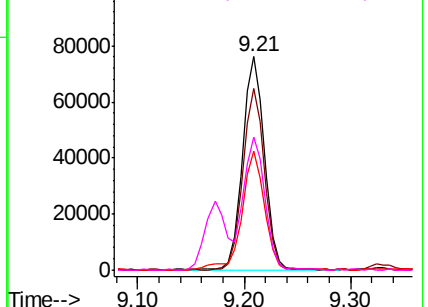
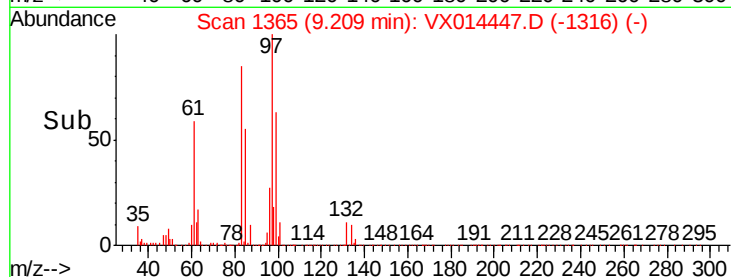
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 19.038 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

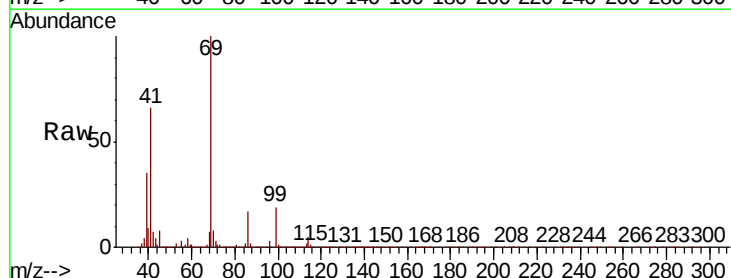
Tgt Ion: 69 Resp: 174310

Ion Ratio Lower Upper

69 100

41 67.4 54.2 81.2

39 36.2 28.2 42.2

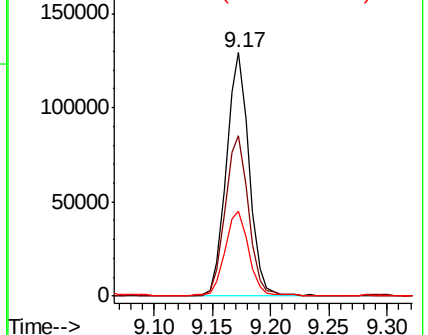
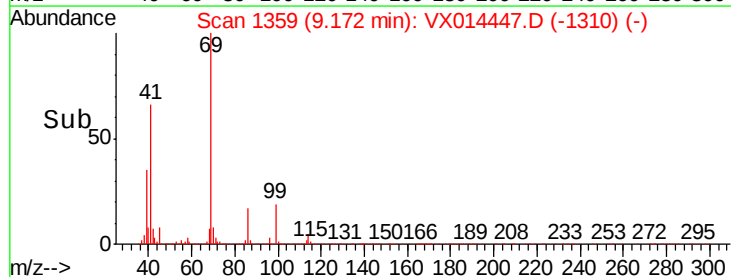


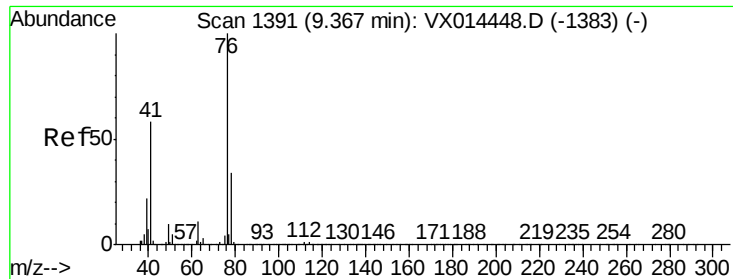
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 19.296 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

Instrument :

MSVOA_X

ClientSampleId :

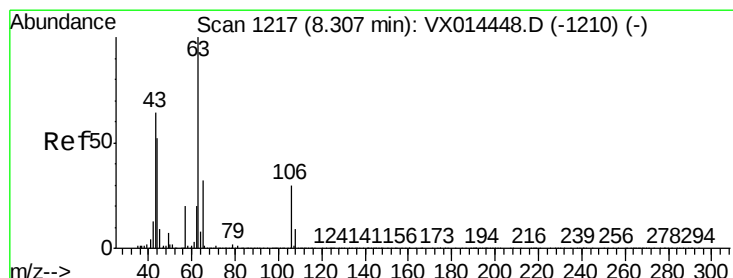
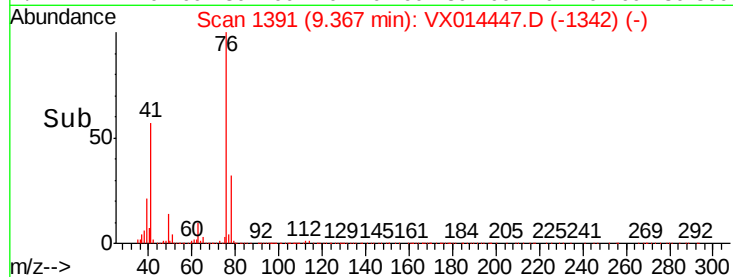
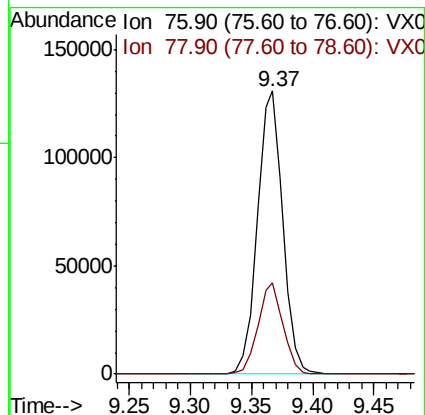
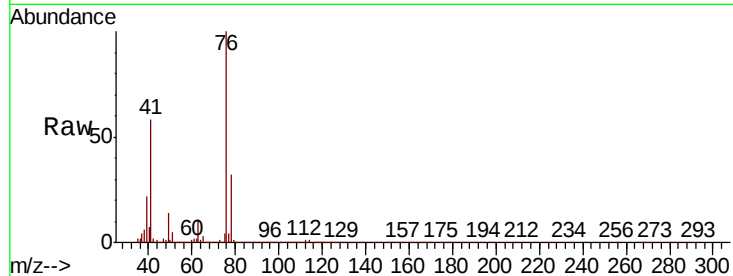
VSTDIC020

Tot Ion: 76 Resp: 188880

Ion Ratio Lower Upper

76 100

78 31.5 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 91.195 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX014447.D

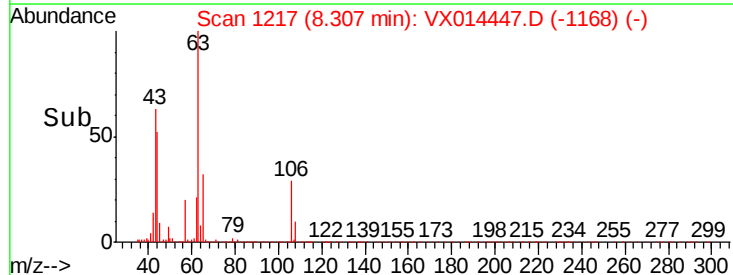
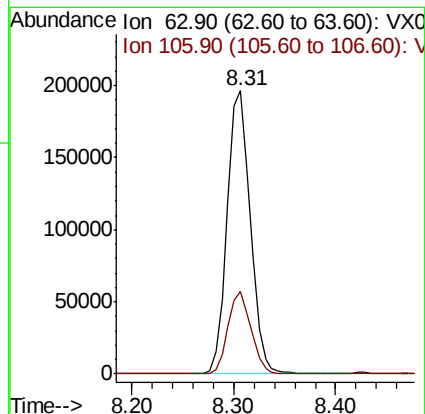
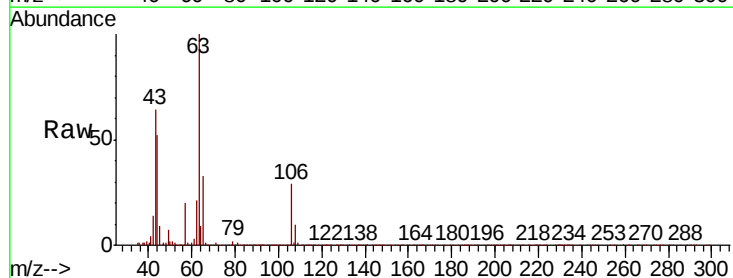
Acq: 07 Jan 2020 14:21

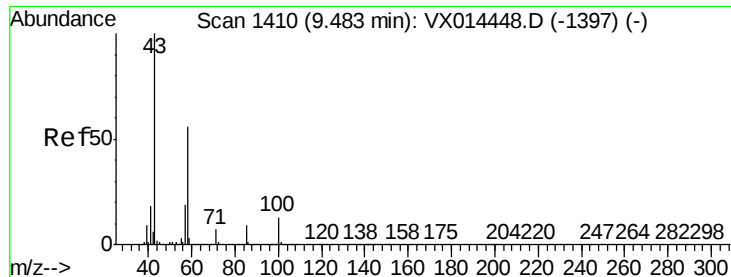
Tgt Ion: 63 Resp: 308348

Ion Ratio Lower Upper

63 100

106 28.8 23.6 35.4





#59

2-Hexanone

Concen: 94.284 ug/l

RT: 9.48 min Scan# 1410

Delta R.T. 0.00 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

Instrument :

MSVOA_X

ClientSampleId :

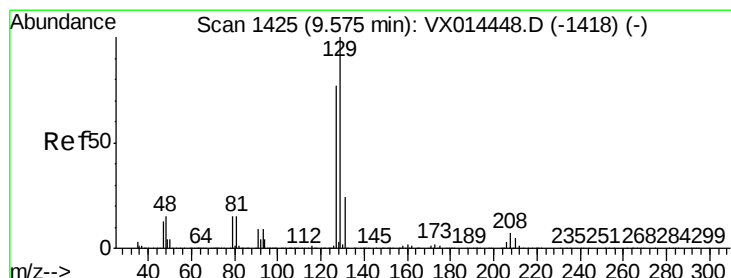
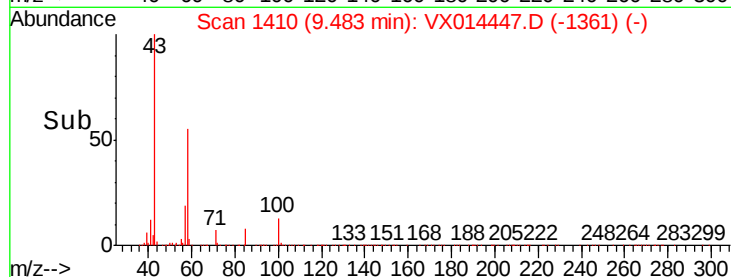
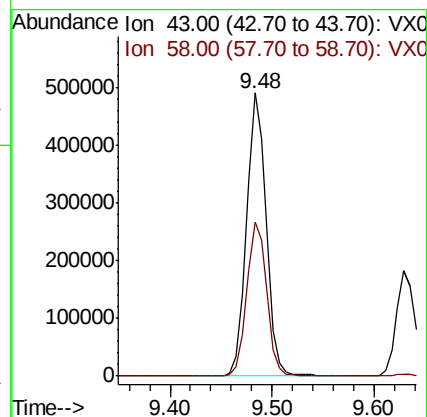
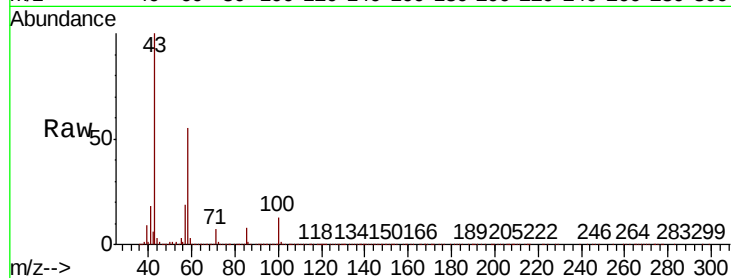
VSTDIC020

Tot Ion: 43 Resp: 646143

Ion Ratio Lower Upper

43 100

58 55.6 27.9 83.7



#60

Dibromochloromethane

Concen: 19.187 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. 0.00 min

Lab File: VX014447.D

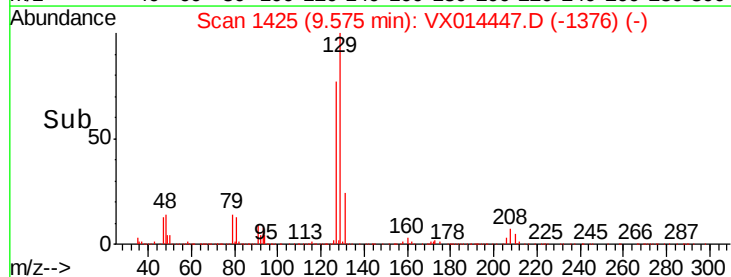
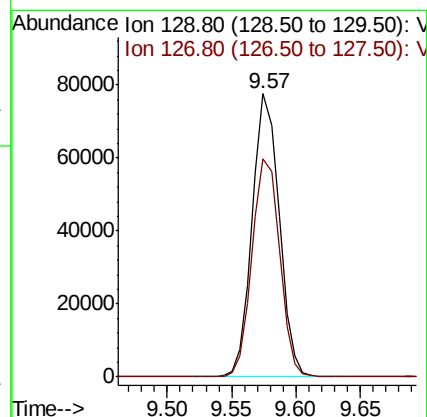
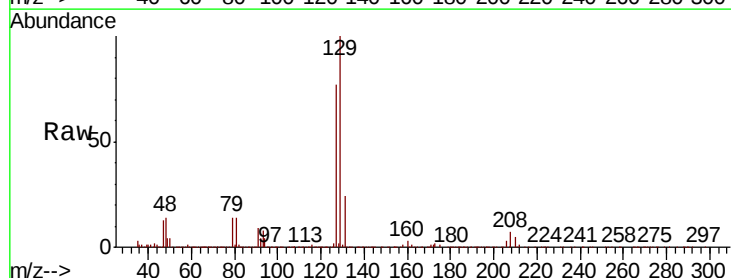
Acq: 07 Jan 2020 14:21

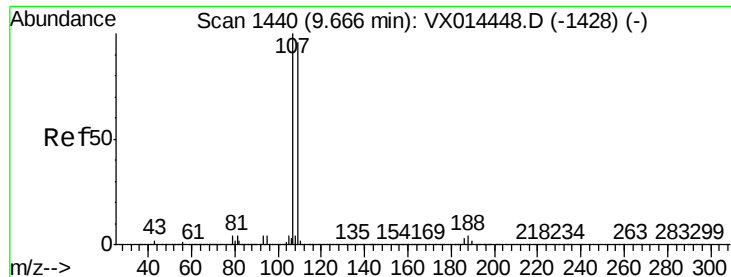
Tgt Ion: 129 Resp: 111710

Ion Ratio Lower Upper

129 100

127 78.7 38.6 116.0





#61

1,2-Dibromoethane

Concen: 19.530 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

Instrument :

MSVOA_X

ClientSampleId :

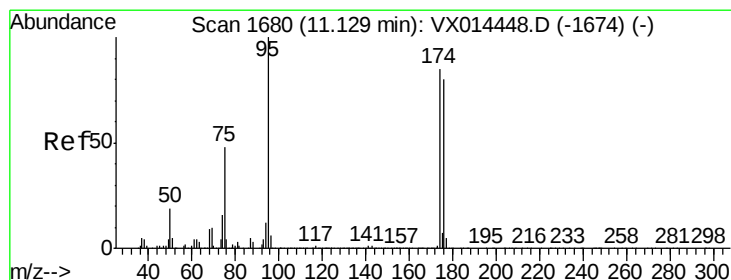
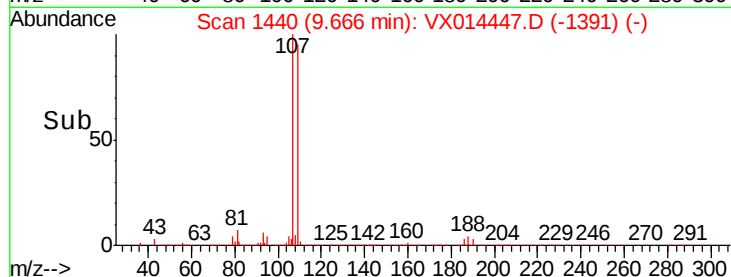
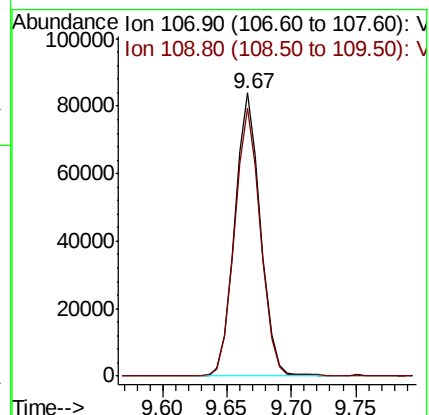
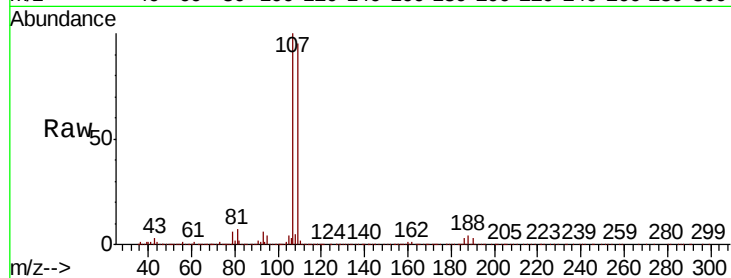
VSTDIC020

Tot Ion:107 Resp: 116756

Ion Ratio Lower Upper

107 100

109 94.8 76.5 114.7



#62

4-Bromofluorobenzene

Concen: 19.647 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

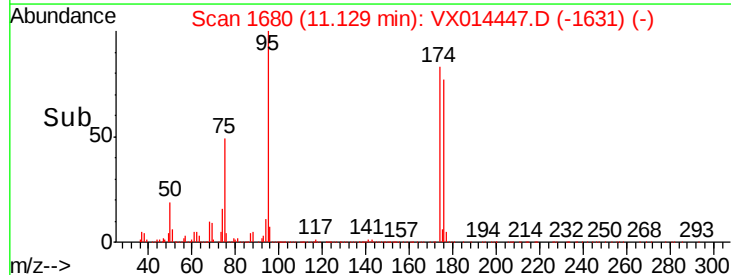
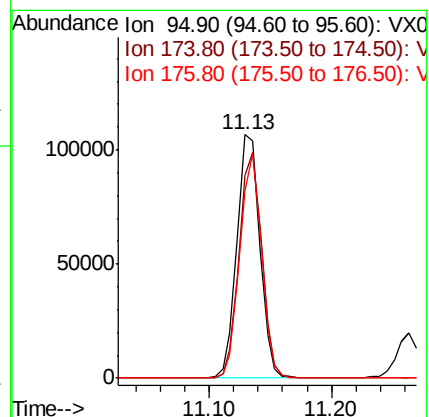
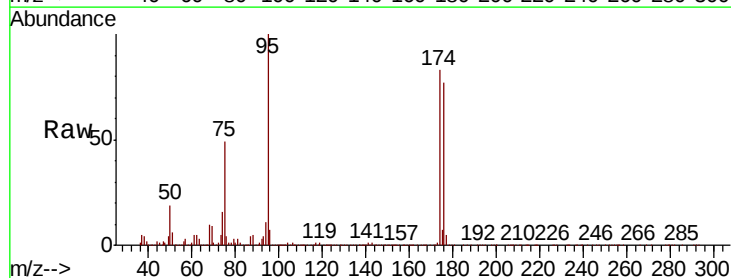
Tgt Ion: 95 Resp: 137321

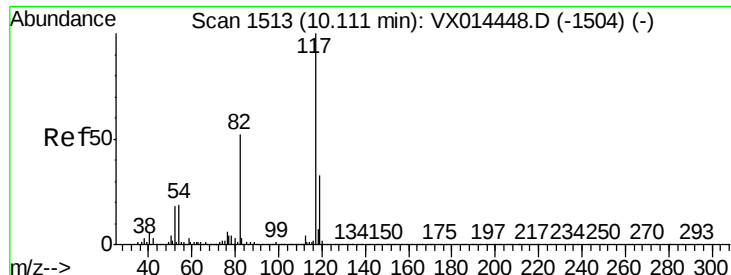
Ion Ratio Lower Upper

95 100

174 91.8 0.0 180.8

176 87.4 0.0 172.8

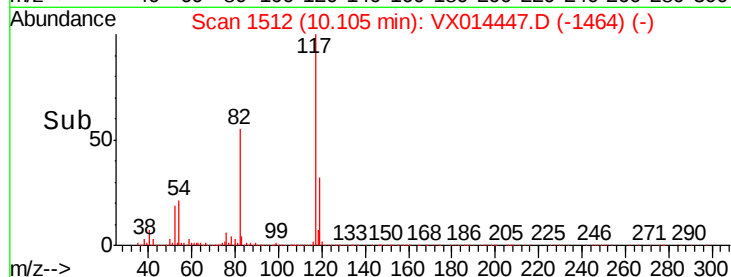
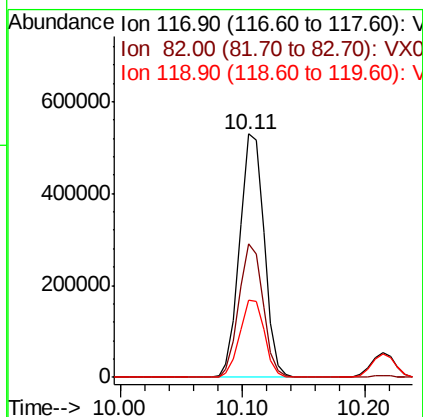
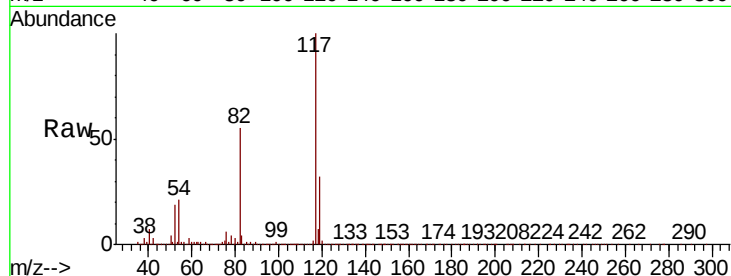




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

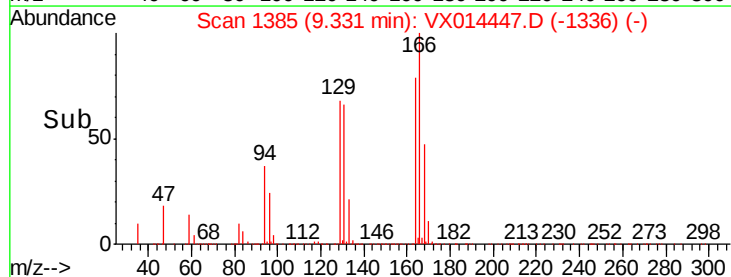
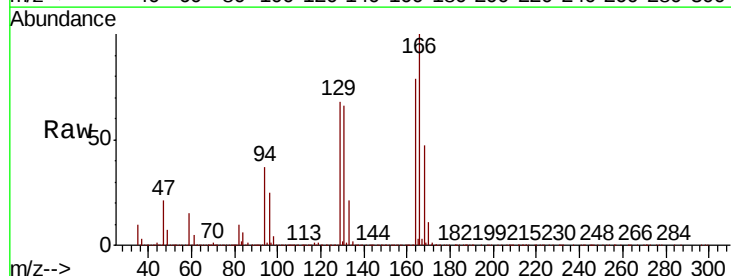
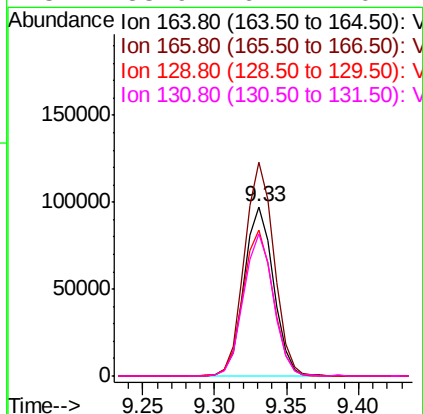
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

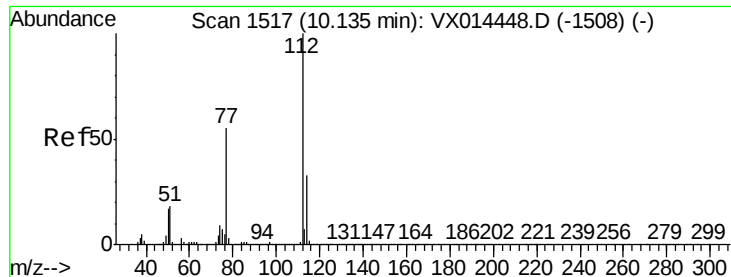
Tot Ion:117 Resp: 733619
Ion Ratio Lower Upper
117 100
82 55.0 41.8 62.6
119 31.8 26.2 39.4



#64
Tetrachloroethene
Concen: 20.474 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

Tgt Ion:164 Resp: 137053
Ion Ratio Lower Upper
164 100
166 126.2 101.2 151.8
129 86.4 68.3 102.5
131 83.9 67.4 101.2





#65

Chlorobenzene

Concen: 18.770 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

Instrument :

MSVOA_X

ClientSampleId :

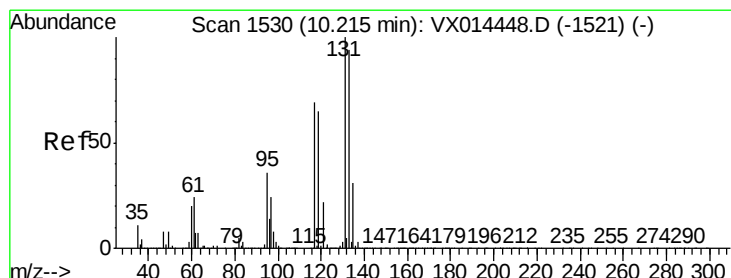
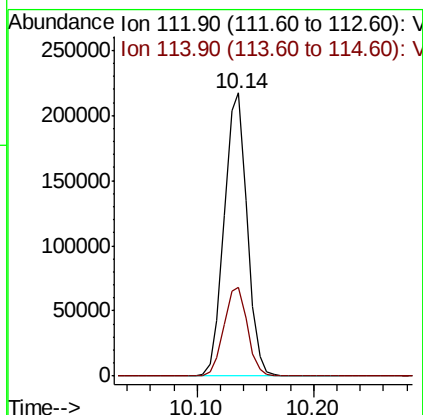
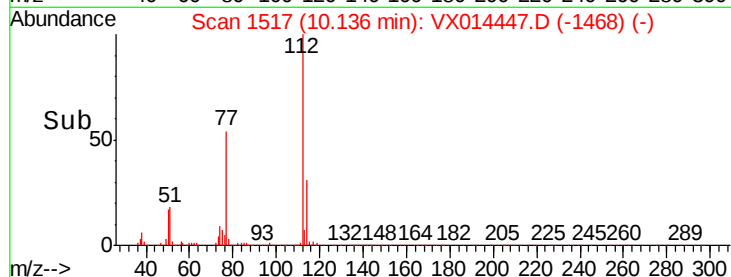
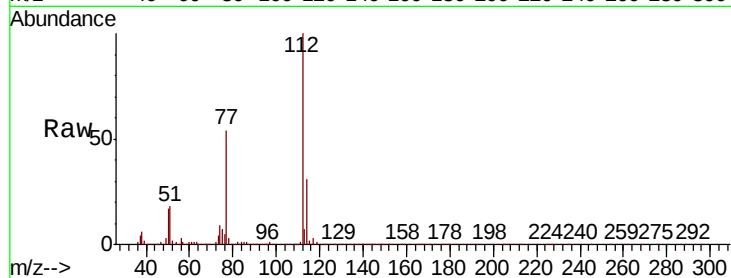
VSTDIC020

Tot Ion:112 Resp: 294731

Ion Ratio Lower Upper

112 100

114 31.2 26.2 39.4



#66

1,1,1,2-Tetrachloroethane

Concen: 19.250 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

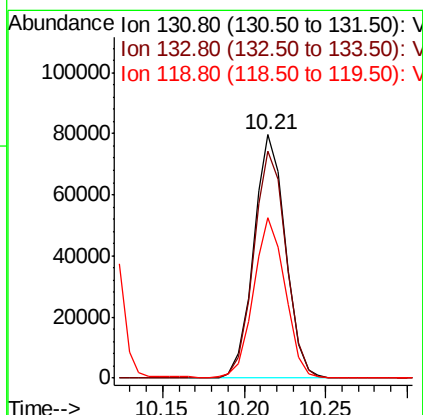
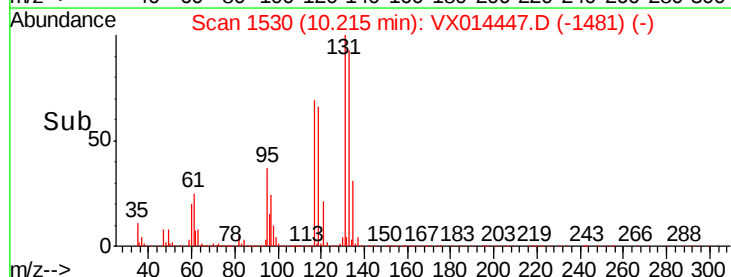
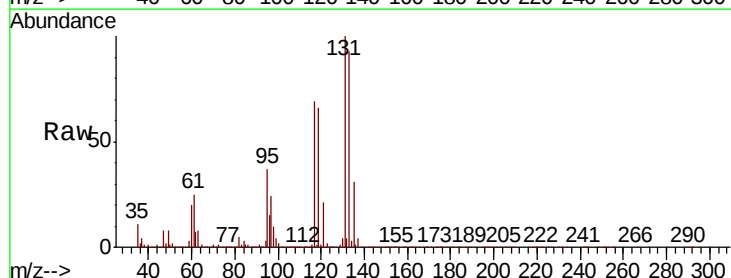
Tgt Ion:131 Resp: 107983

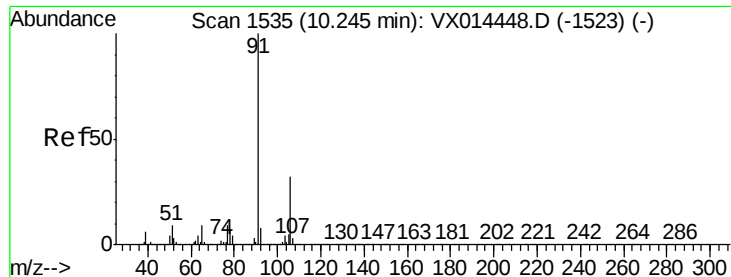
Ion Ratio Lower Upper

131 100

133 95.4 47.3 142.0

119 65.2 32.8 98.4





#67

Ethyl Benzene

Concen: 19.135 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

Instrument :

MSVOA_X

ClientSampleId :

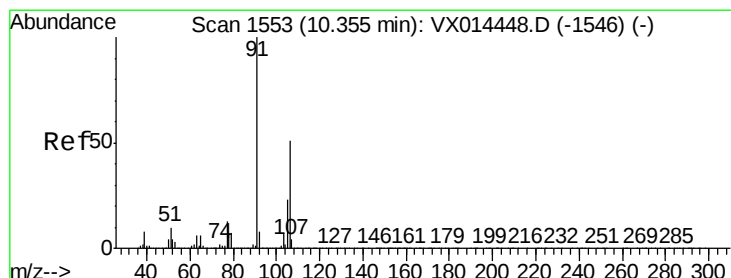
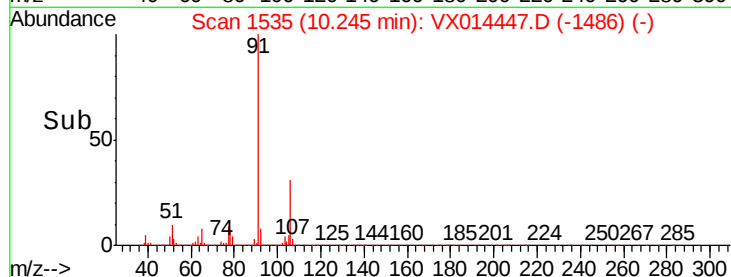
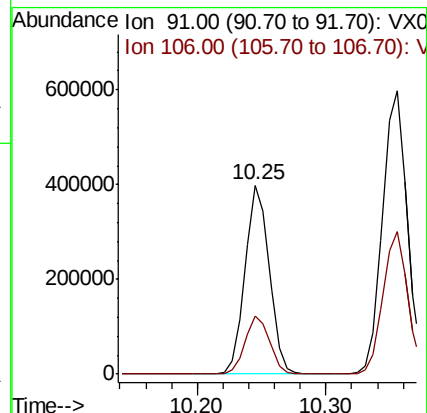
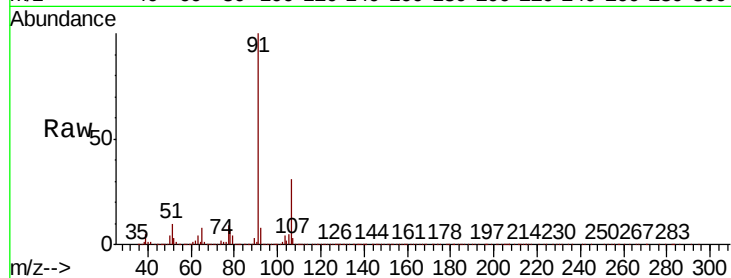
VSTDIC020

Tot Ion: 91 Resp: 515682

Ion Ratio Lower Upper

91 100

106 30.7 25.6 38.4



#68

m/p-Xylenes

Concen: 38.235 ug/l

RT: 10.36 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX014447.D

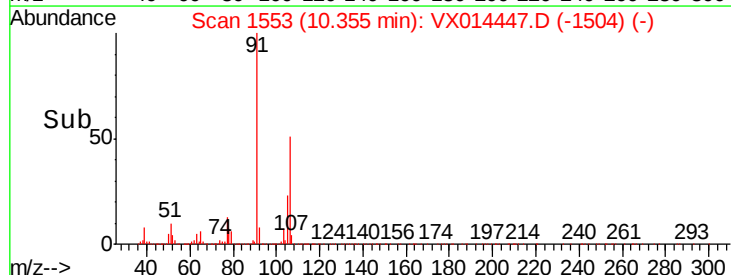
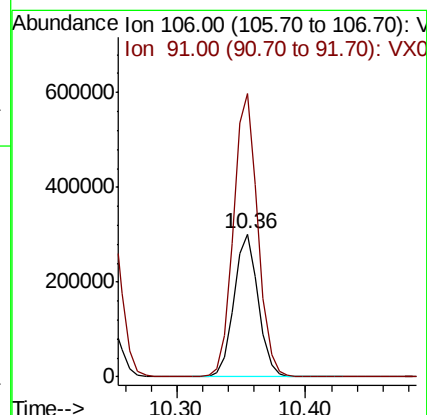
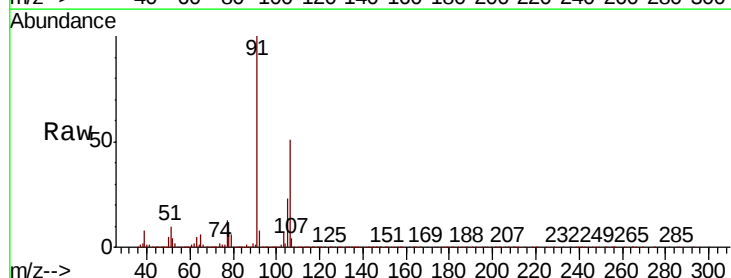
Acq: 07 Jan 2020 14:21

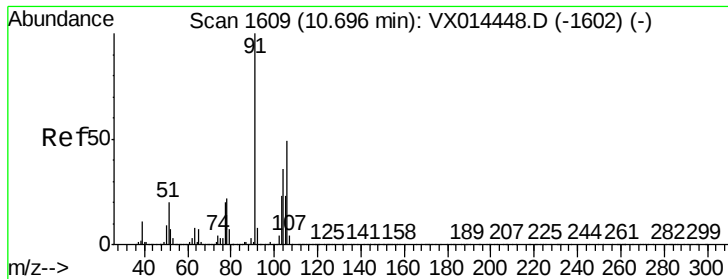
Tgt Ion: 106 Resp: 397017

Ion Ratio Lower Upper

106 100

91 198.9 157.4 236.0

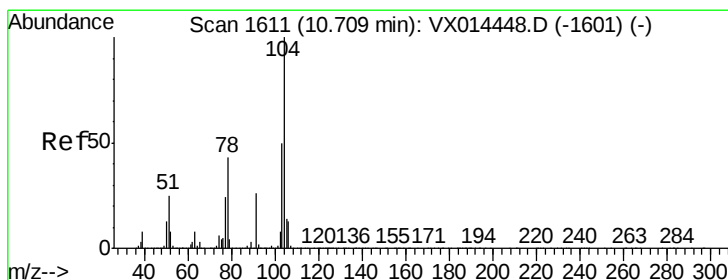
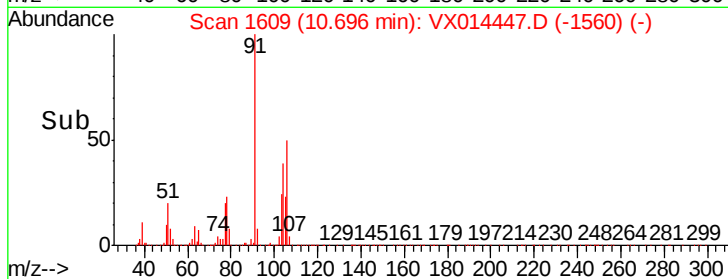
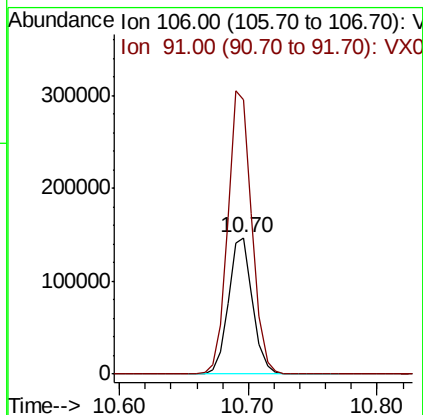
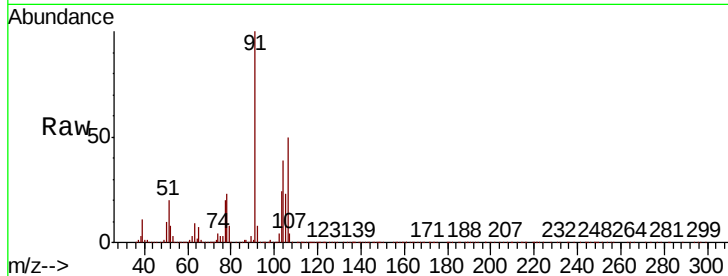




#69
o-Xylene
Concen: 18.913 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

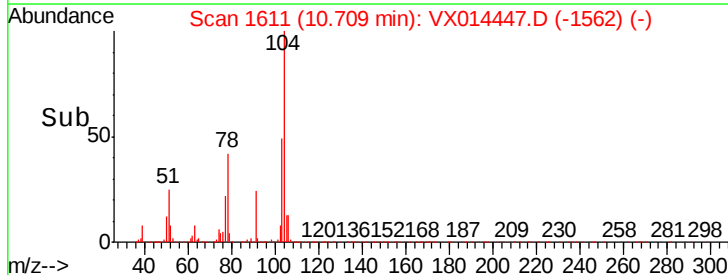
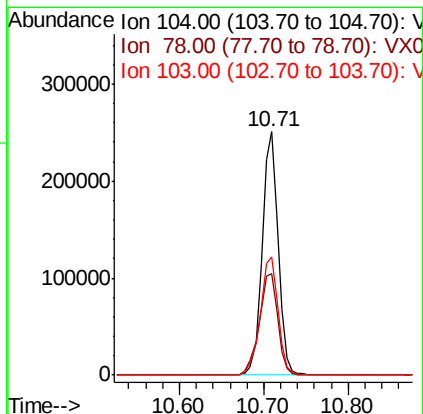
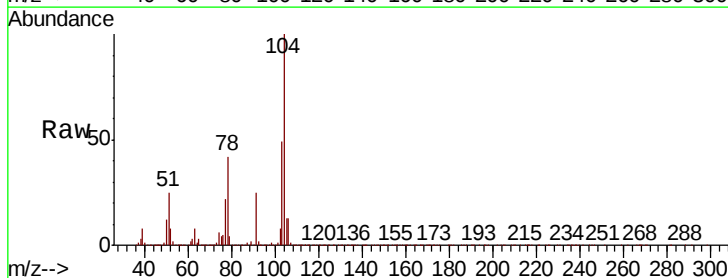
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion:106 Resp: 191767
Ion Ratio Lower Upper
106 100
91 207.4 105.1 315.1



#70
Styrene
Concen: 19.049 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

Tgt Ion:104 Resp: 326887
Ion Ratio Lower Upper
104 100
78 48.0 38.6 58.0
103 54.1 43.7 65.5





#71

Bromoform

Concen: 18.657 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.01 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

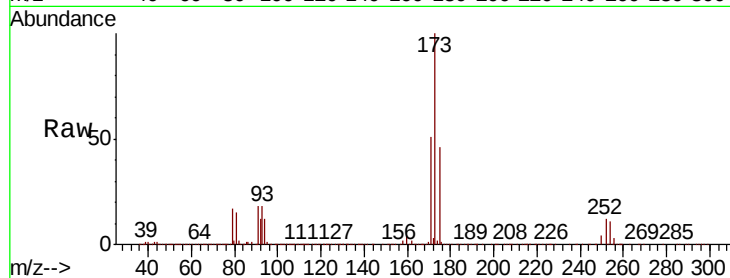
Tot Ion:173 Resp: 84428

Ion Ratio Lower Upper

173 100

175 48.3 24.3 72.8

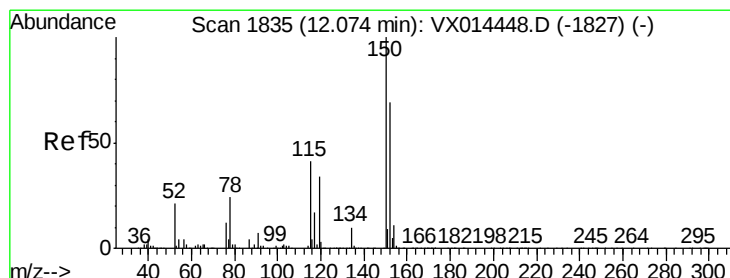
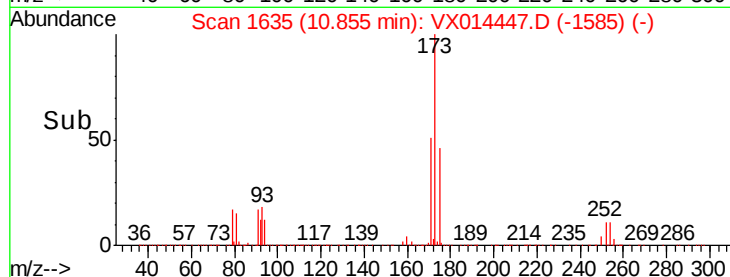
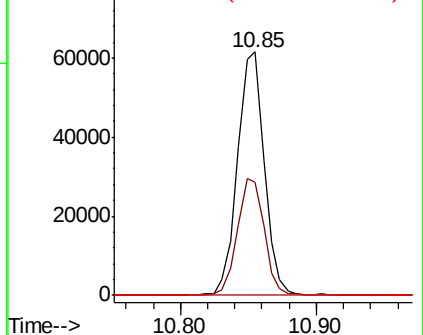
254 0.5 0.2 0.2#



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: VX014447.D

Acq: 07 Jan 2020 14:21

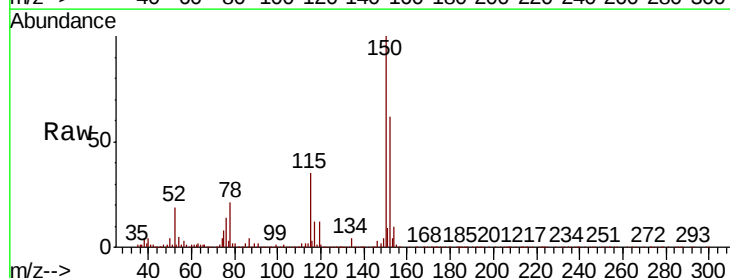
Tgt Ion:152 Resp: 374506

Ion Ratio Lower Upper

152 100

115 64.2 39.5 118.3

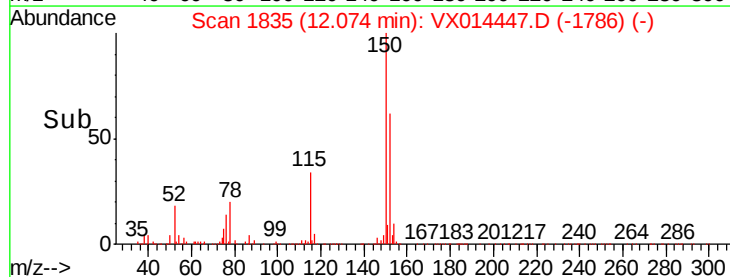
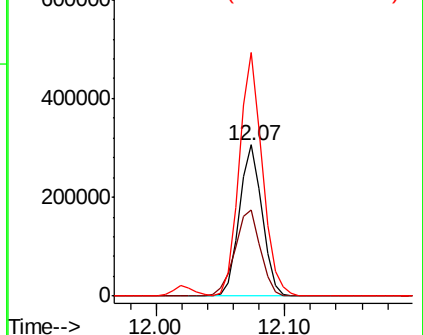
150 163.5 0.0 350.2

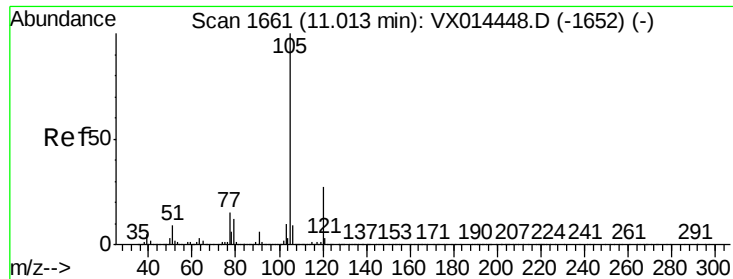


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.304 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

Instrument :

MSVOA_X

ClientSampleId :

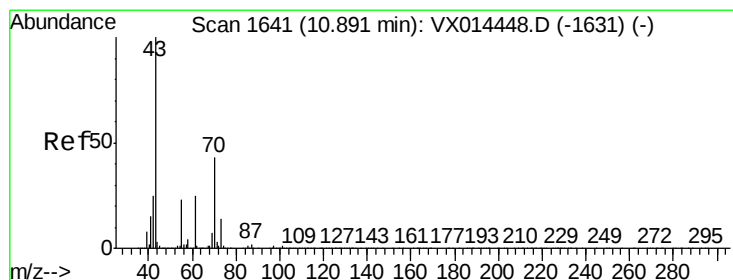
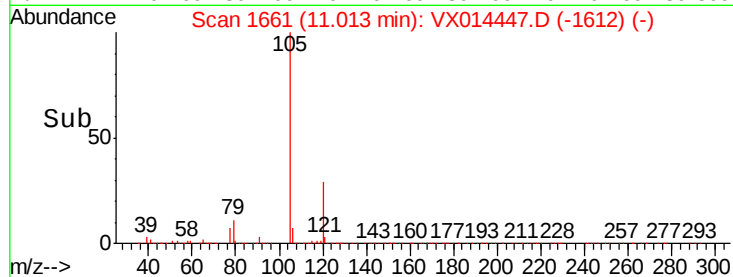
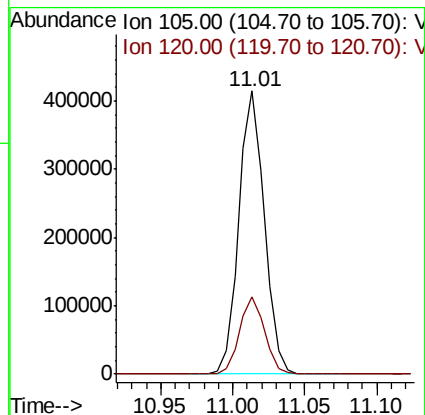
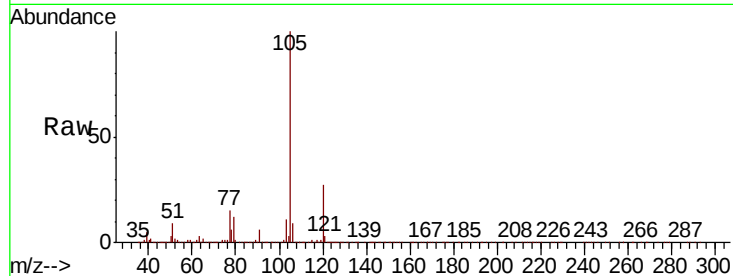
VSTDIC020

Tot Ion:105 Resp: 511012

Ion Ratio Lower Upper

105 100

120 27.0 13.4 40.2



#74

N-ethyl acetate

Concen: 17.941 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

Tgt Ion: 43 Resp: 220473

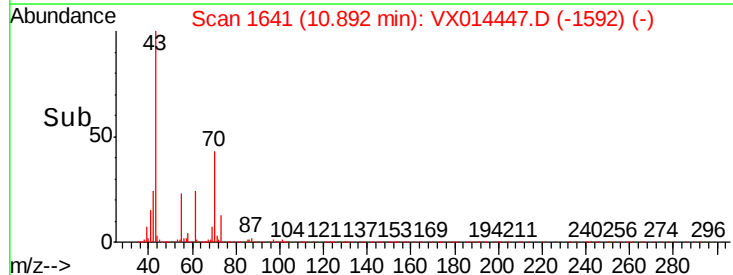
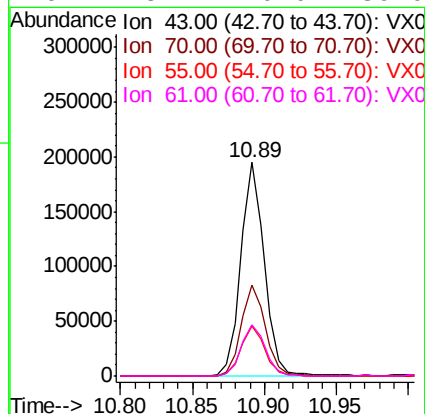
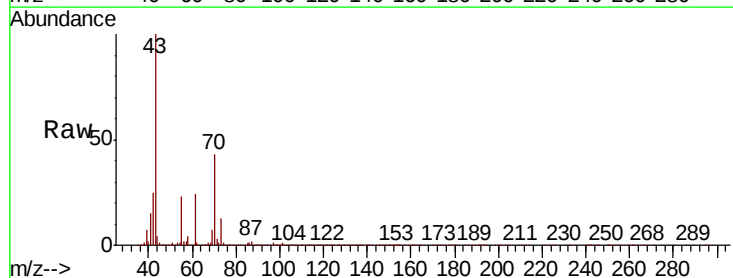
Ion Ratio Lower Upper

43 100

70 43.7 35.1 52.7

55 23.9 19.3 28.9

61 25.4 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 17.583 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

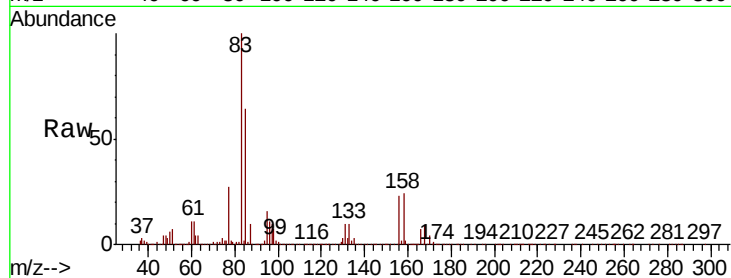
Tot Ion: 83 Resp: 158809

Ion Ratio Lower Upper

83 100

131 10.0 5.1 15.4

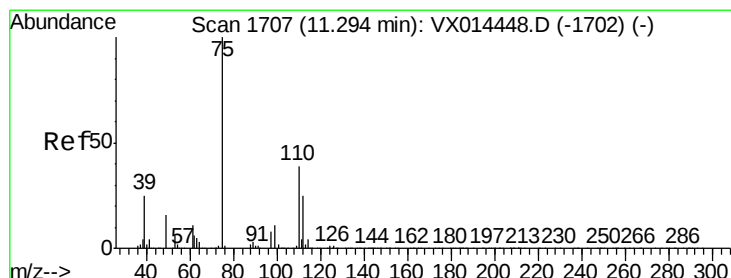
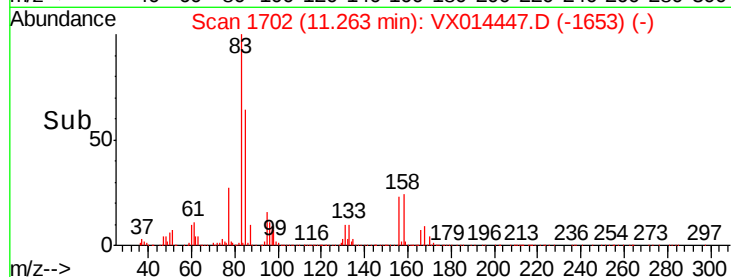
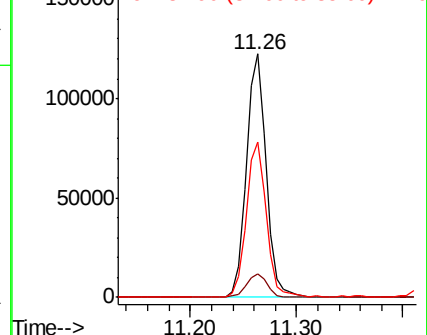
85 65.1 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.512 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014447.D

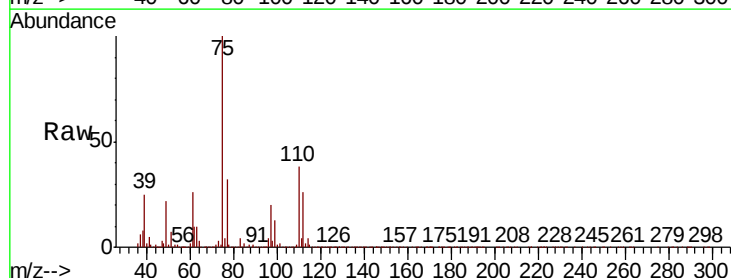
Acq: 07 Jan 2020 14:21

Tgt Ion: 75 Resp: 194781

Ion Ratio Lower Upper

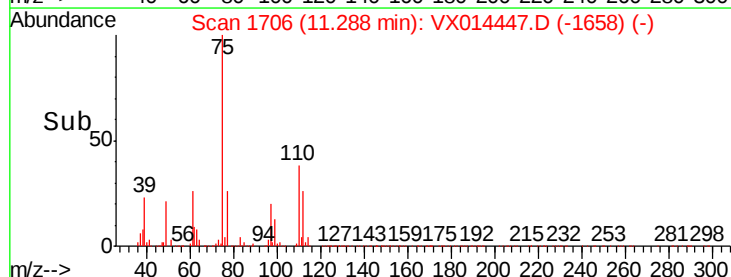
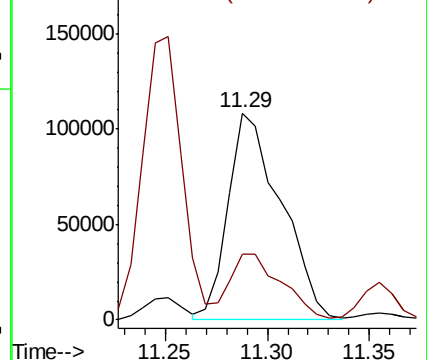
75 100

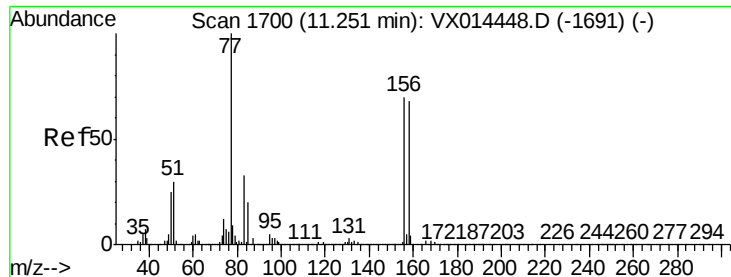
77 30.3 21.9 65.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.094 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

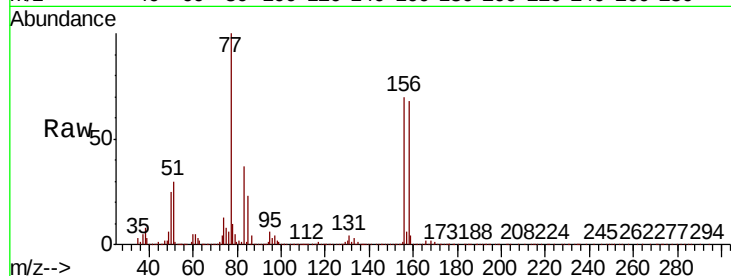
Tot Ion:156 Resp: 131954

Ion Ratio Lower Upper

156 100

77 150.1 75.4 226.3

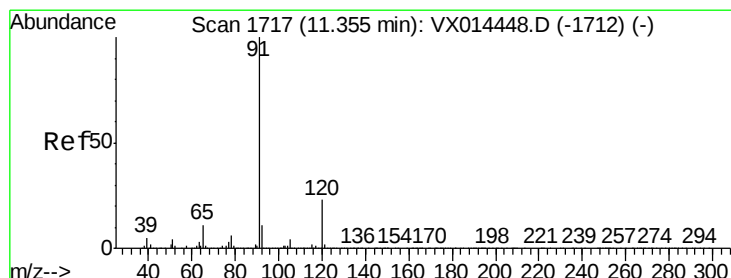
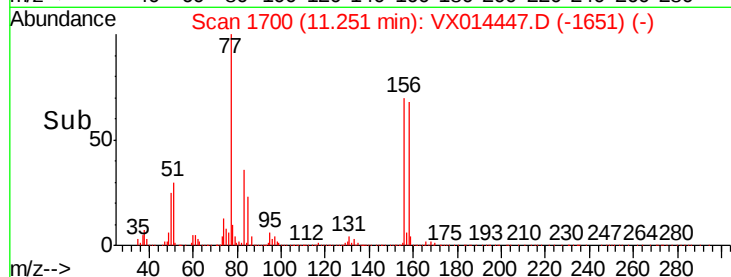
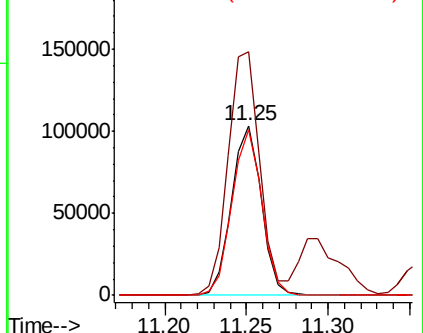
158 97.8 48.8 146.3



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: 19.475 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014447.D

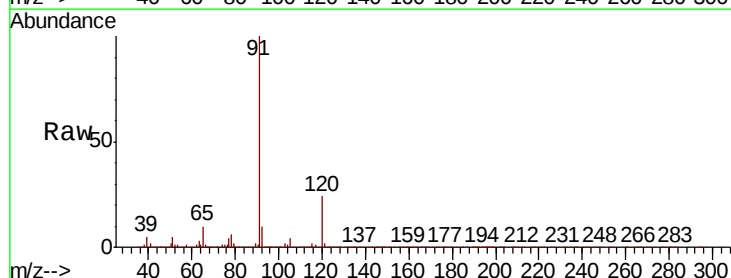
Acq: 07 Jan 2020 14:21

Tgt Ion: 91 Resp: 578208

Ion Ratio Lower Upper

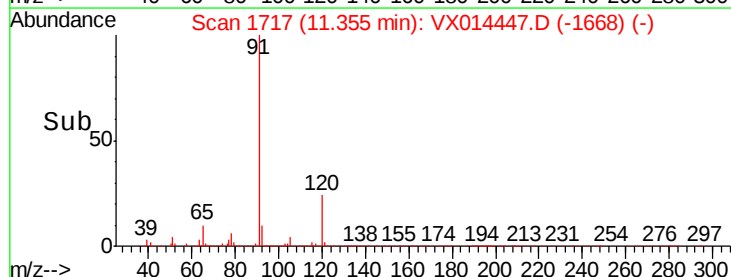
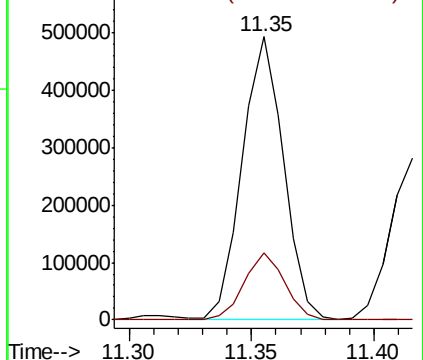
91 100

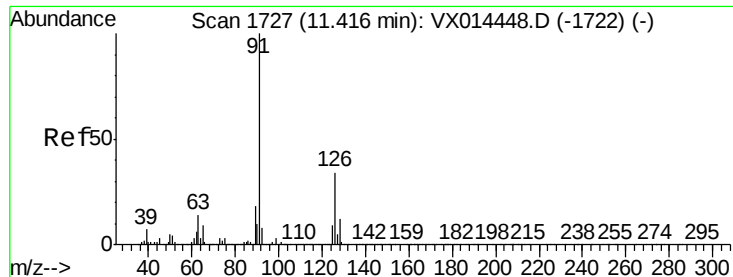
120 23.6 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.068 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

Instrument :

MSVOA_X

ClientSampled :

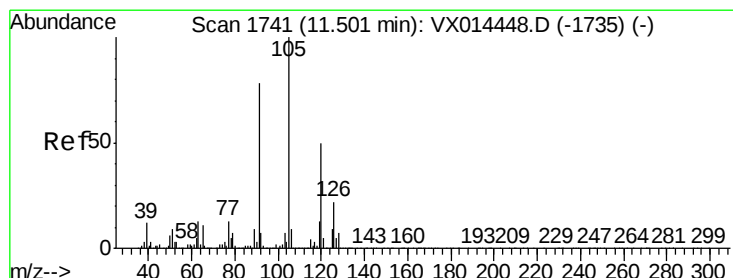
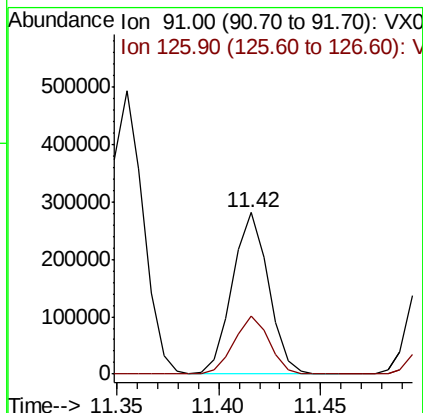
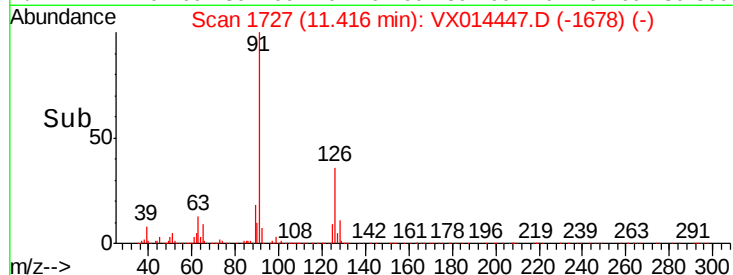
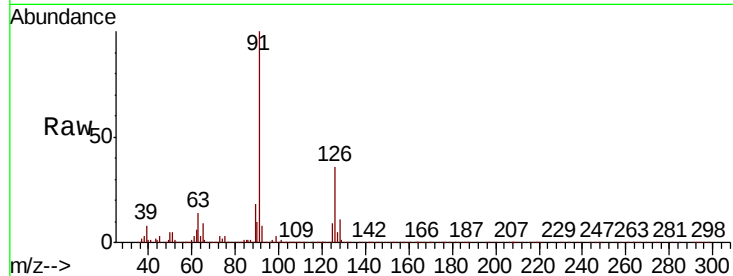
VSTDIC020

Tot Ion: 91 Resp: 342947

Ion Ratio Lower Upper

91 100

126 35.2 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 19.018 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014447.D

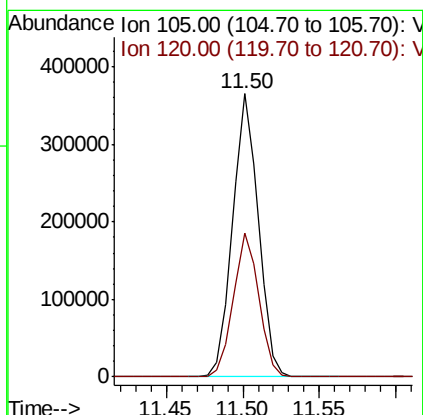
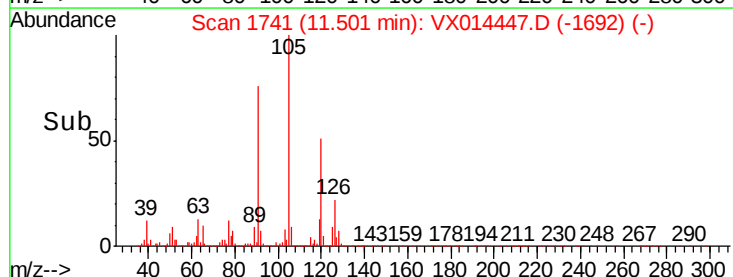
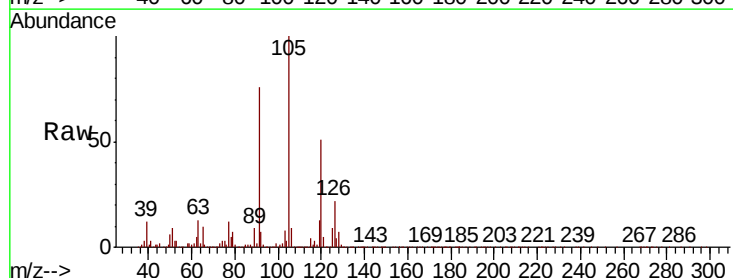
Acq: 07 Jan 2020 14:21

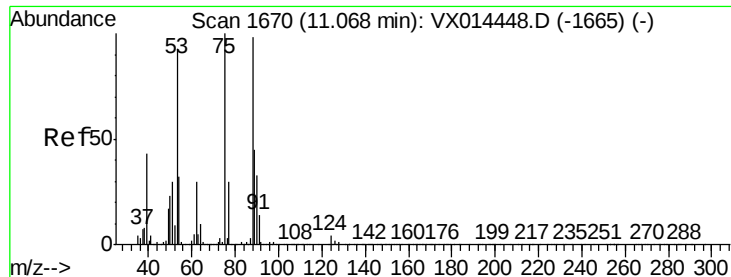
Tgt Ion: 105 Resp: 423196

Ion Ratio Lower Upper

105 100

120 50.6 25.2 75.6





#81

trans-1,4-Dichloro-2-butene

Concen: 18.866 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

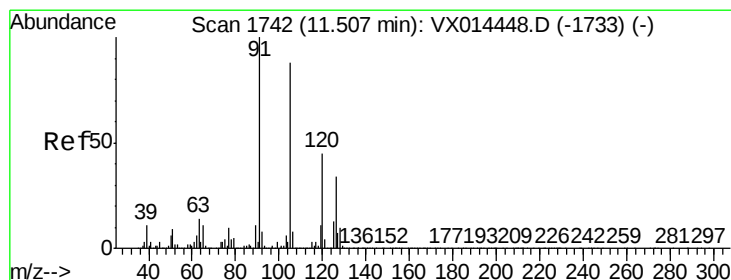
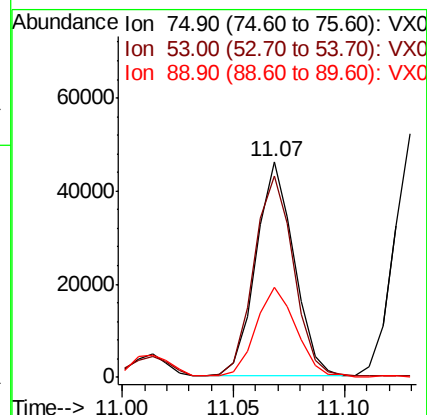
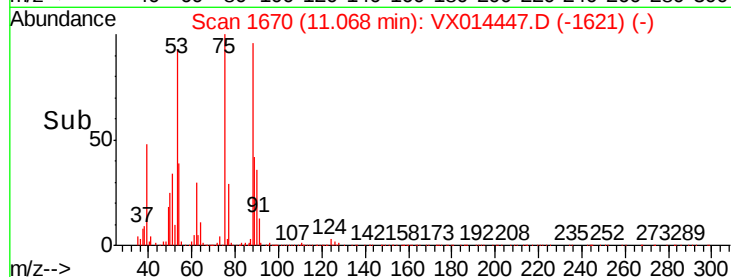
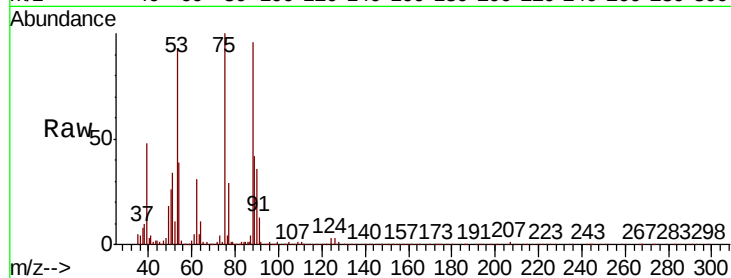
Tot Ion: 75 Resp: 54706

Ion Ratio Lower Upper

75 100

53 98.0 74.8 112.2

89 44.4 36.3 54.5



#82

4-Chlorotoluene

Concen: 18.843 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014447.D

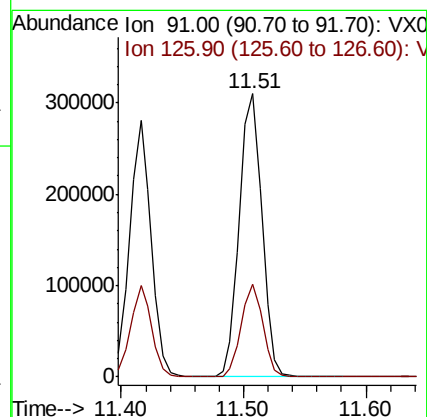
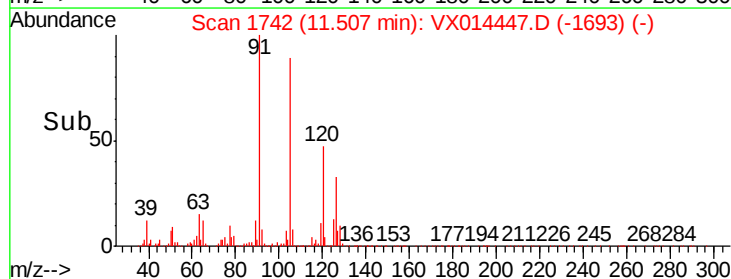
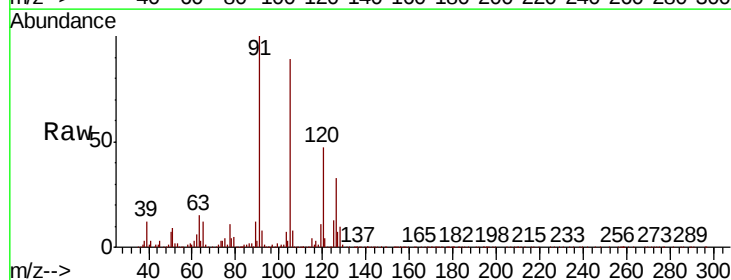
Acq: 07 Jan 2020 14:21

Tgt Ion: 91 Resp: 394312

Ion Ratio Lower Upper

91 100

126 31.2 15.9 47.7

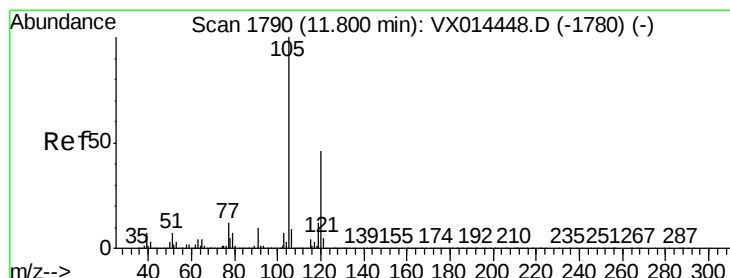
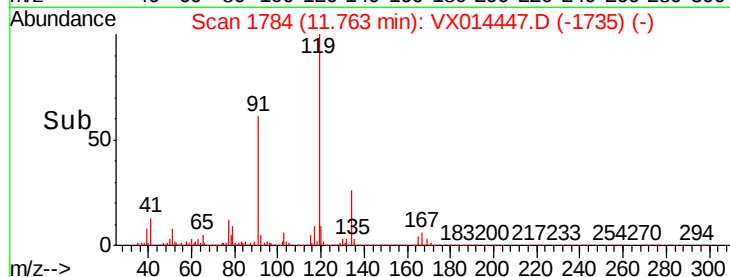
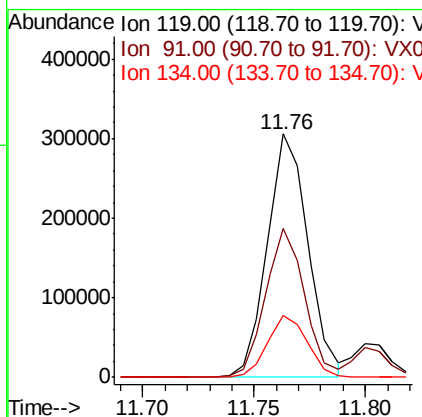
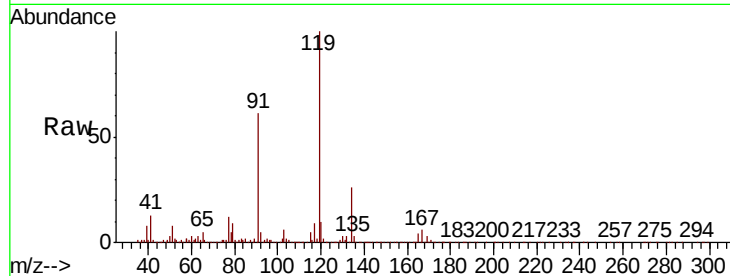




#83
tert-Butylbenzene
Concen: 18.062 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

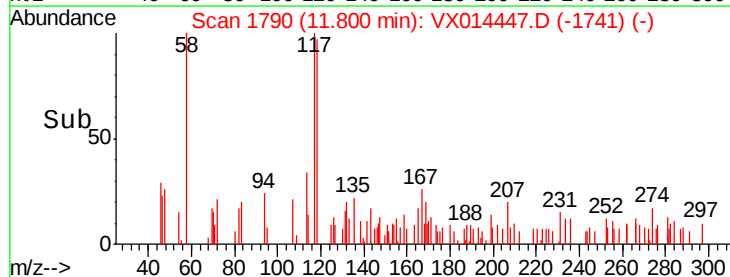
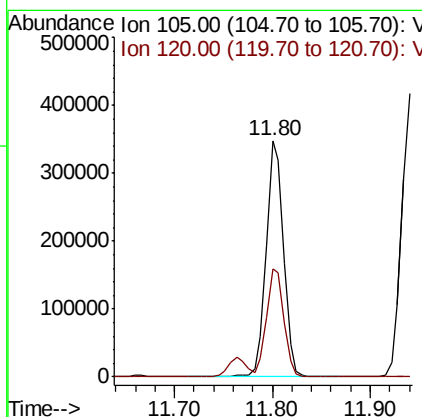
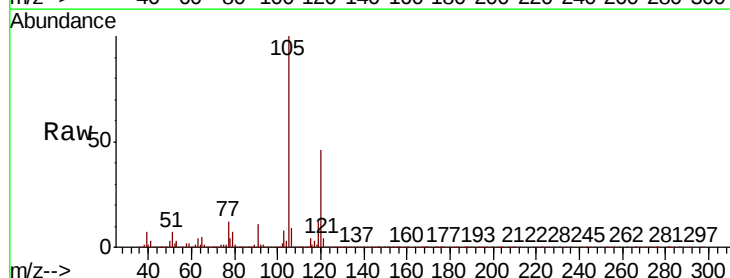
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

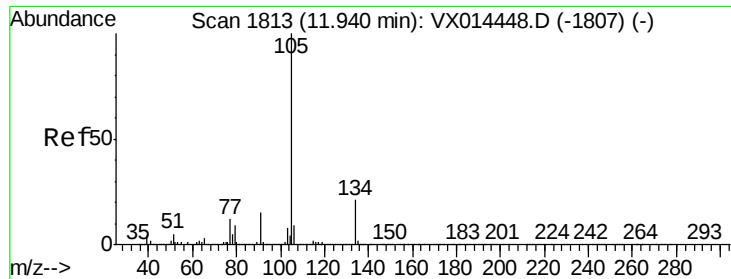
Tot Ion	Ratio	Lower	Upper
119	100		
91	58.8	29.3	88.0
134	25.0	12.4	37.4



#84
1,2,4-Trimethylbenzene
Concen: 19.180 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.0	23.1	69.3





#85

sec-Butylbenzene

Concen: 19.241 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

Instrument :

MSVOA_X

ClientSampleId :

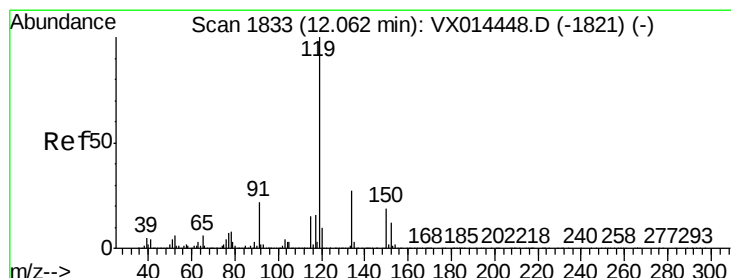
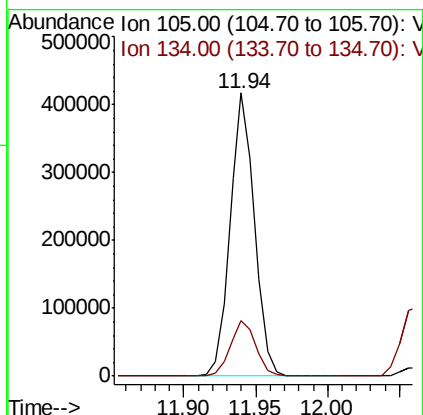
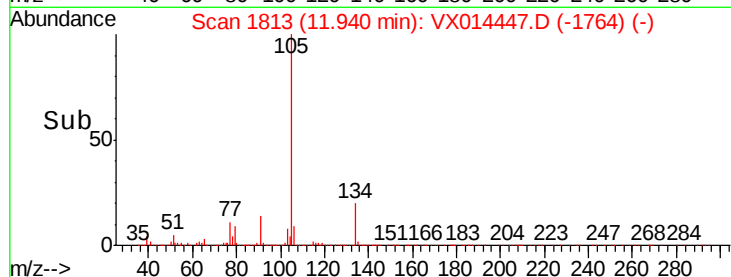
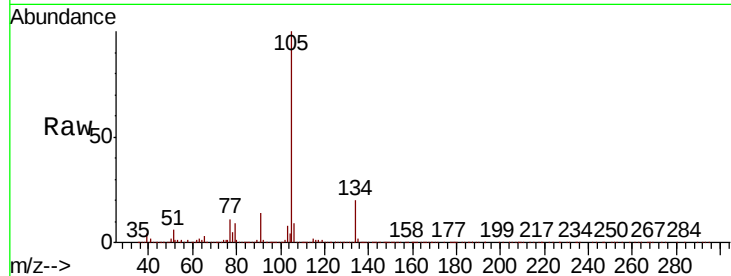
VSTDIC020

Tot Ion:105 Resp: 492975

Ion Ratio Lower Upper

105 100

134 20.6 10.5 31.5



#86

p-Isopropyltoluene

Concen: 19.411 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

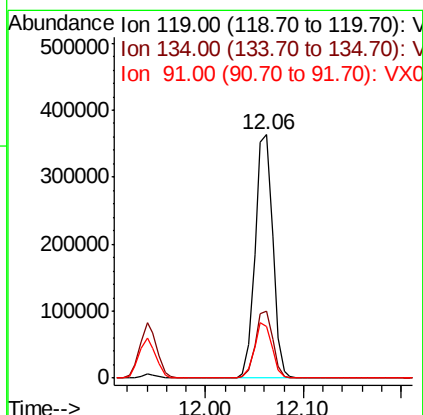
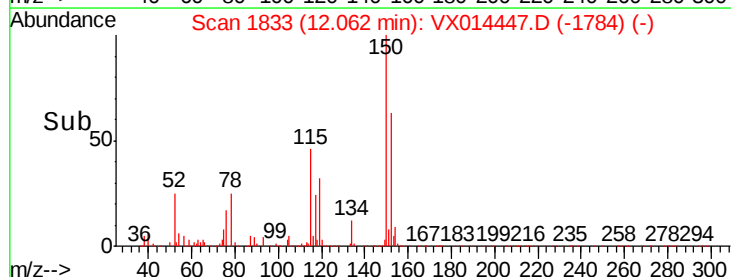
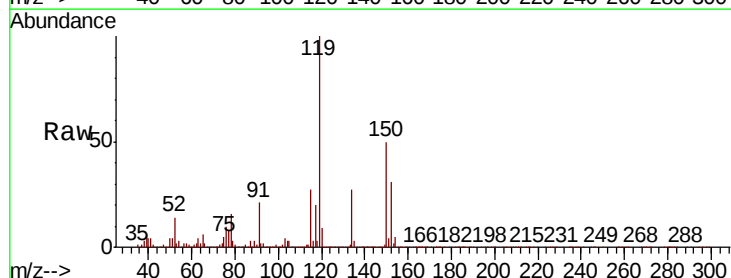
Tgt Ion:119 Resp: 455776

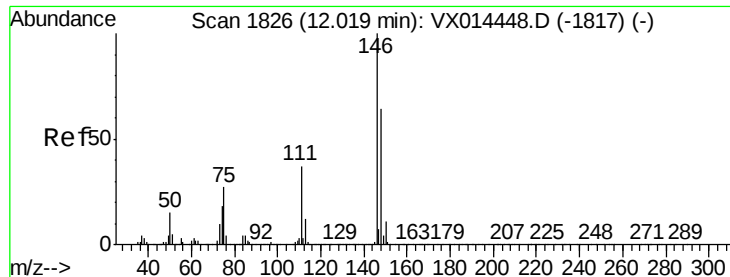
Ion Ratio Lower Upper

119 100

134 27.1 13.5 40.4

91 22.6 11.1 33.3





#87

1,3-Dichlorobenzene

Concen: 18.689 ug/l

RT: 12.02 min Scan# 1826

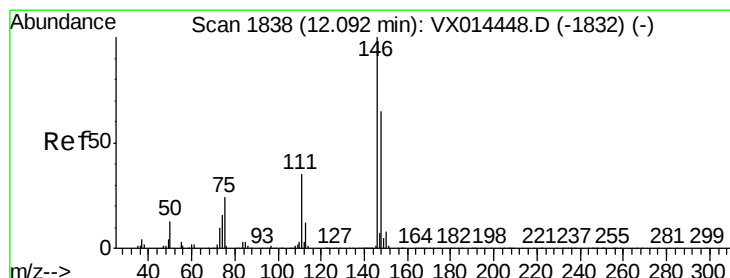
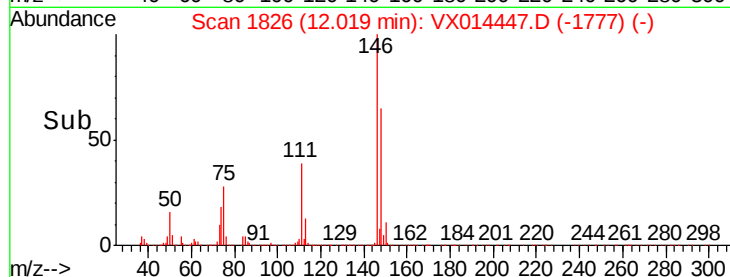
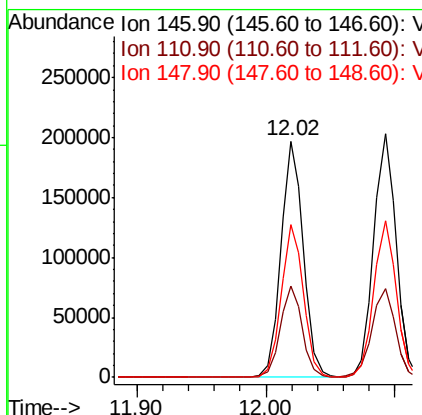
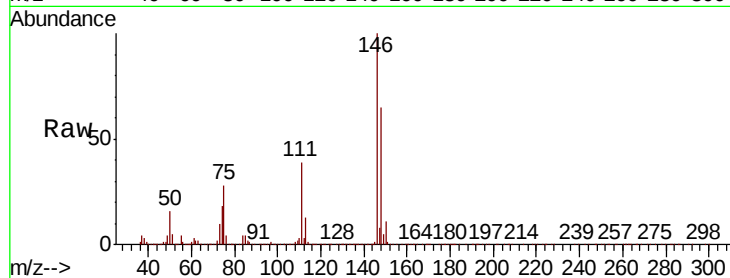
Delta R.T. 0.00 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.9	56.7
148	64.5	32.2	96.6



#88

1,4-Dichlorobenzene

Concen: 18.385 ug/l

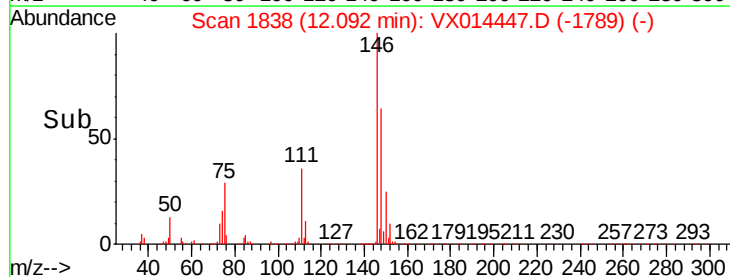
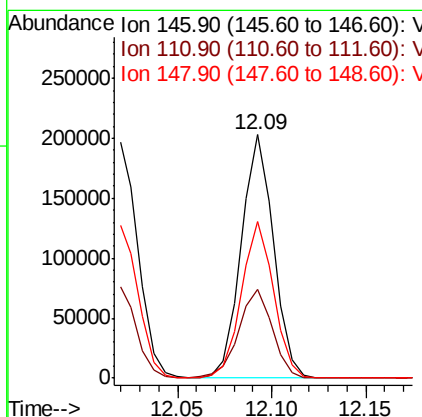
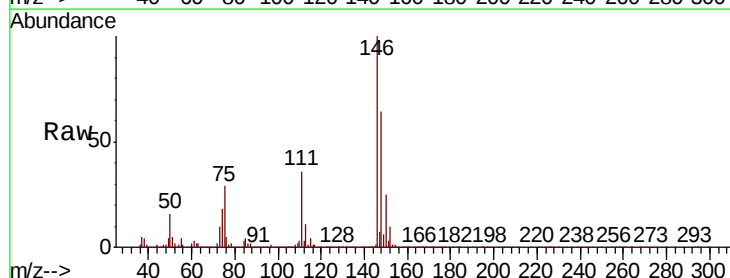
RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.1	54.1
148	64.3	32.1	96.3





#89

n-Butylbenzene

Concen: 19.868 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014447.D

Acq: 07 Jan 2020 14:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

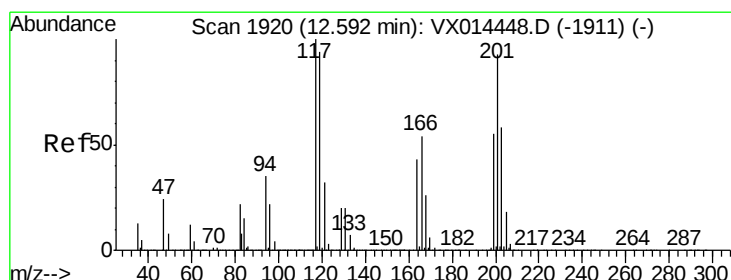
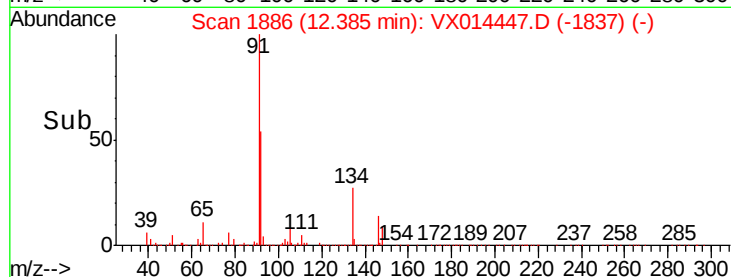
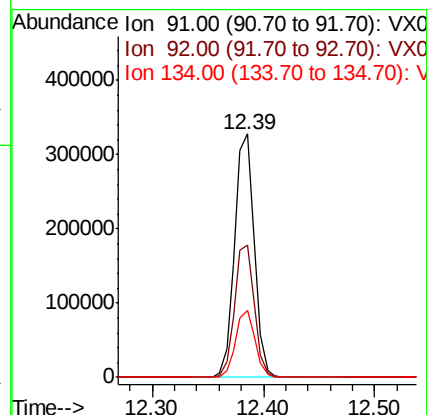
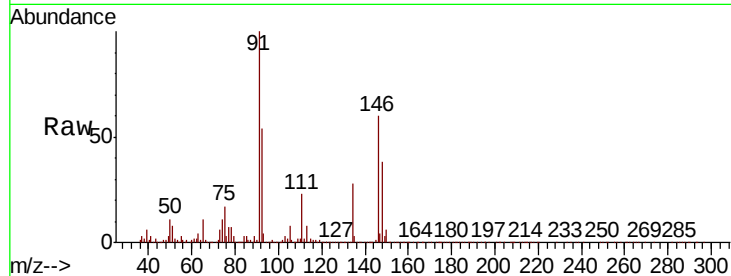
Tot Ion: 91 Resp: 399767

Ion Ratio Lower Upper

91 100

92 54.7 27.4 82.2

134 27.2 13.9 41.7



#90

Hexachloroethane

Concen: 18.434 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX014447.D

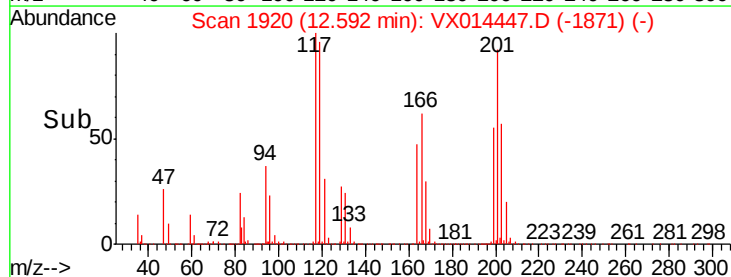
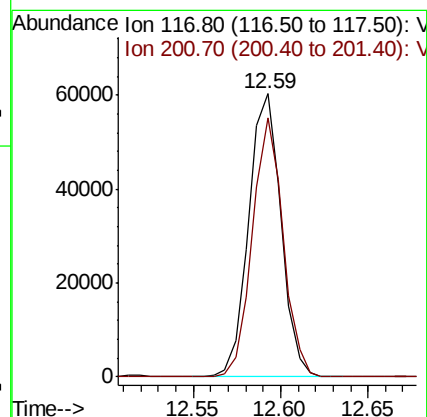
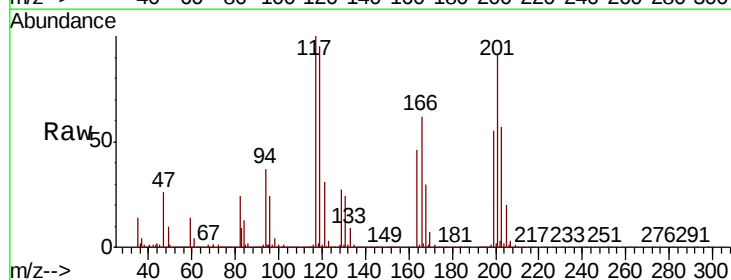
Acq: 07 Jan 2020 14:21

Tgt Ion: 117 Resp: 77408

Ion Ratio Lower Upper

117 100

201 87.2 44.8 134.3

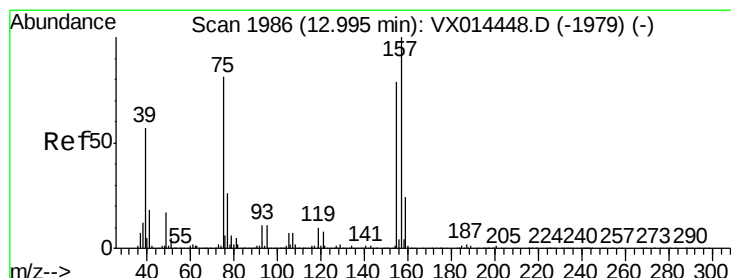
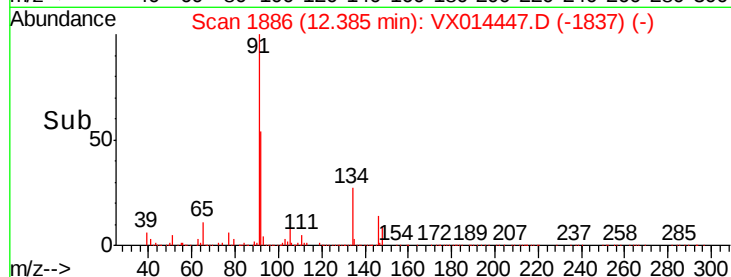
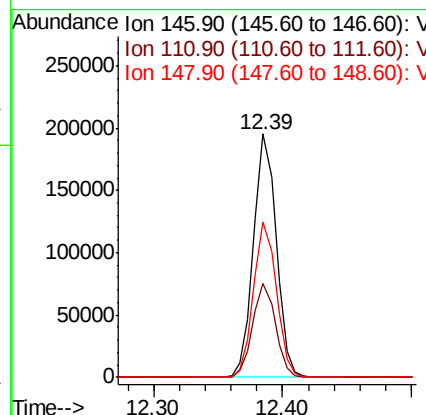
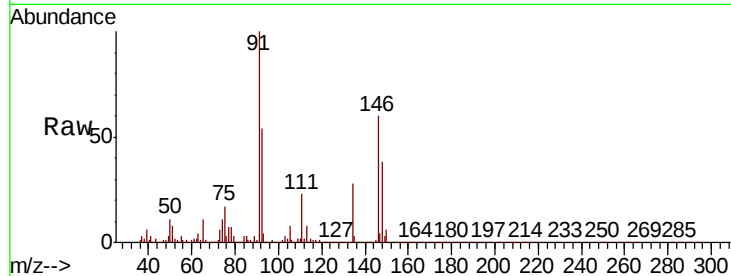




#91
 1,2-Dichlorobenzene
 Concen: 18.418 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX014447.D
 Acq: 07 Jan 2020 14:21

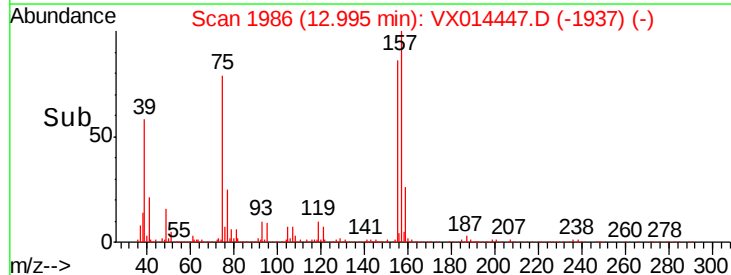
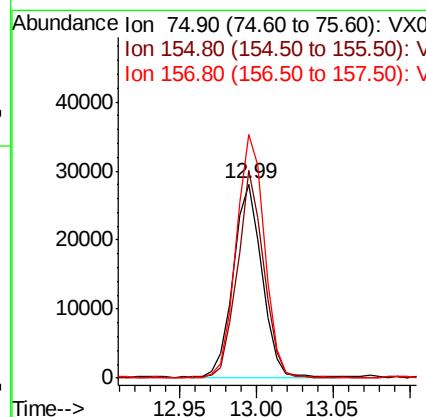
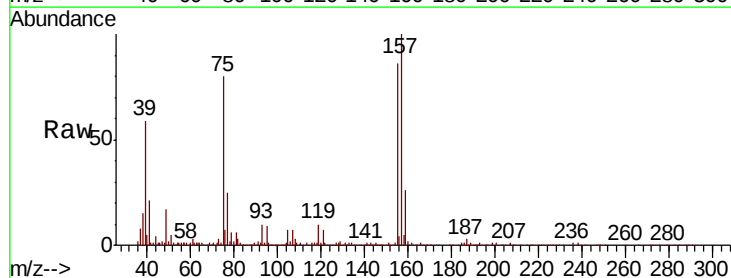
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.8	59.4
148	64.1	32.3	96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.814 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX014447.D
 Acq: 07 Jan 2020 14:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.9	48.7	146.1
157	125.0	62.0	185.9

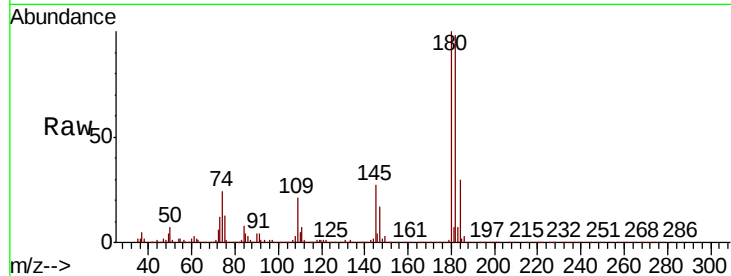




#93
 1,2,4-Trichlorobenzene
 Concen: 20.149 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014447.D
 Acq: 07 Jan 2020 14:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.2	47.5	142.5
145	27.2	13.9	41.6

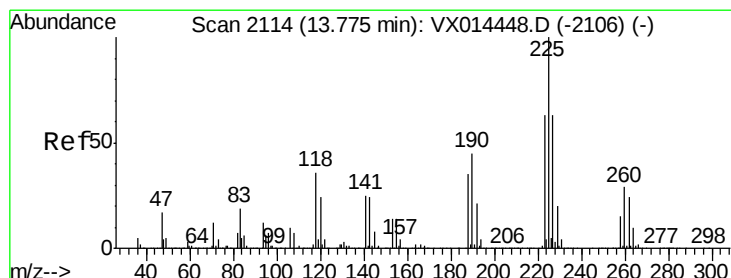
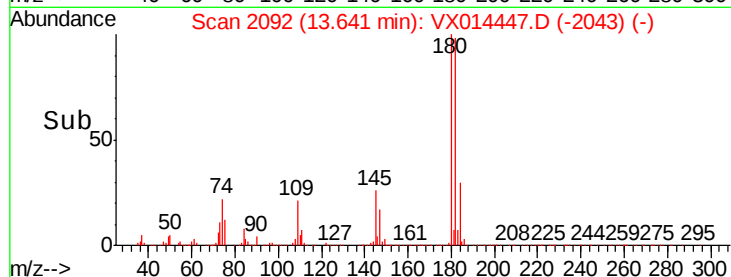
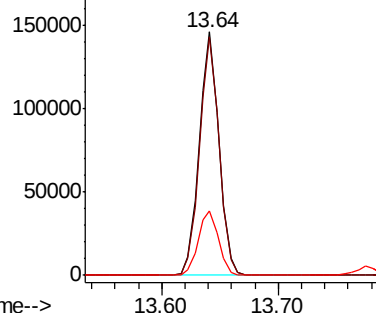


Abundance

Ion 179.80 (179.50 to 180.50): V

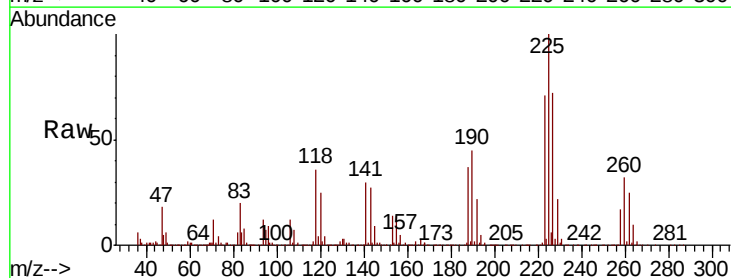
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 19.048 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014447.D
 Acq: 07 Jan 2020 14:21

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.6	31.1	93.2
227	68.0	31.4	94.2

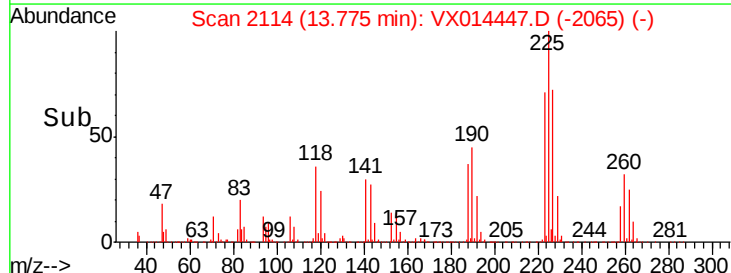
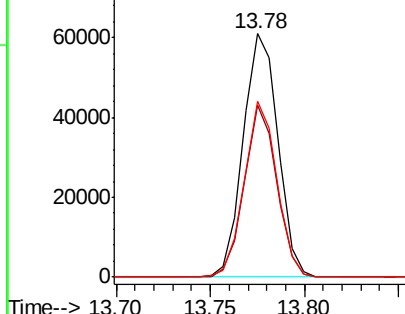


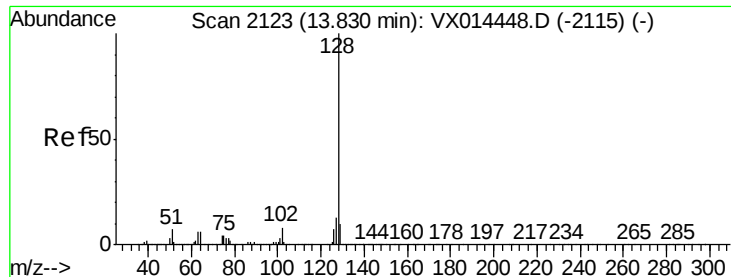
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

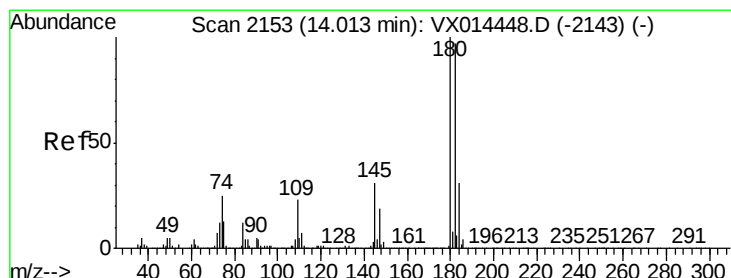
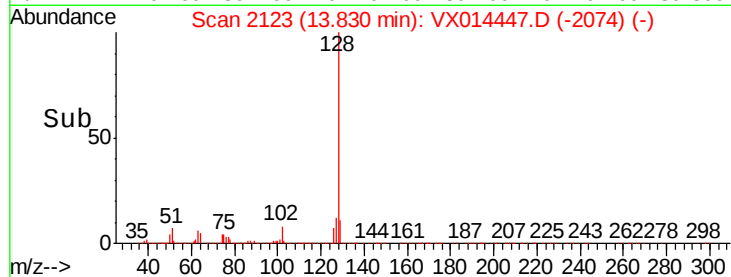
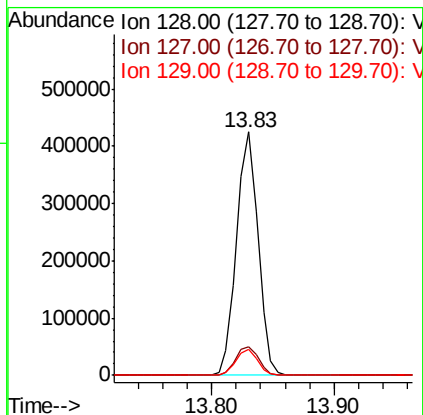
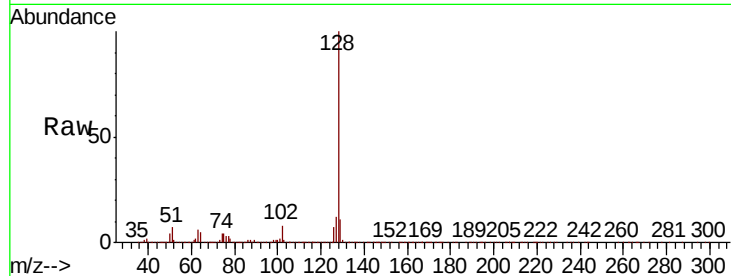




#95
Naphthalene
Concen: 20.733 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

Tot Ion:128 Resp: 515828
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.997 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014447.D
Acq: 07 Jan 2020 14:21

Tgt Ion:180 Resp: 167085
Ion Ratio Lower Upper
180 100
182 96.1 47.9 143.6
145 29.7 14.8 44.3

