

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010920\
 Data File : VX014487.D
 Acq On : 09 Jan 2020 09:54
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 09 14:34:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X121219W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 13 01:35:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	78031	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.84	114	444711	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	405345	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	164013	29.35	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.83%
60) 4-Bromofluorobenzene	11.13	95	196250	29.98	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.93%
63) Toluene-d8	8.71	98	543052	29.97	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.90%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	82069	20.821	ug/l 99
3) Chloromethane	1.32	50	112160	20.189	ug/l 94
4) Vinyl Chloride	1.40	62	120981	21.243	ug/l 98
5) Bromomethane	1.64	94	73839	17.736	ug/l 100
6) Chloroethane	1.72	64	82369	23.415	ug/l 97
7) Trichlorofluoromethane	1.92	101	157012	22.156	ug/l 99
8) Diethyl Ether	2.18	74	70142	21.534	ug/l 95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	95431	22.579	ug/l 96
10) 1,1-Dichloroethene	2.37	96	92583	21.188	ug/l 98
11) Methyl Iodide	2.50	142	112087	19.926	ug/l 98
12) Methyl Acetate	2.76	43	141558	20.927	ug/l 100
13) Acrolein	2.28	56	101319	123.493	ug/l 98
14) Acrylonitrile	3.12	53	270382	102.246	ug/l 99
15) Acetone	2.43	58	95715	123.211	ug/l 88
16) Carbon Disulfide	2.56	76	250826	21.190	ug/l 99
17) Allyl chloride	2.72	41	171722	21.870	ug/l 92
18) Methylene Chloride	2.84	84	108040	20.179	ug/l 99
19) trans-1,2-Dichloroethene	3.16	96	100828	21.072	ug/l 92
20) Diisopropyl ether	3.84	45	343494	21.320	ug/l 90
21) 1,1-Dichloroethane	3.69	63	183786	21.018	ug/l 99
22) cis-1,2-Dichloroethene	4.59	96	116842	21.065	ug/l 97
23) tert-Butyl Alcohol	3.02	59	112429	108.394	ug/l # 100
24) Methyl tert-Butyl Ether	3.18	73	312547	21.175	ug/l 98
25) Chloroform	5.20	83	180619	21.666	ug/l 99
26) Cyclohexane	5.56	56	169880	21.788	ug/l # 100
29) 1,1-Dichloropropene	5.79	75	135212	21.049	ug/l 99
30) 2-Butanone	4.65	43	420271	110.998	ug/l 99
32) 1,1,1-Trichloroethane	5.48	97	149710	21.071	ug/l 99
33) Carbon Tetrachloride	5.77	117	128584	21.289	ug/l 97
34) Benzene	6.13	78	425194	21.228	ug/l 99
35) Methacrylonitrile	5.03	41	80736	19.826	ug/l 98
36) 1,2-Dichloroethane	6.18	62	141604	20.352	ug/l 99
37) Trichloroethene	7.20	130	117857	21.624	ug/l 92
38) Methylcyclohexane	7.45	83	173745	22.675	ug/l 99
39) 1,2-Dichloropropane	7.50	63	106845	20.538	ug/l 96
40) Dibromomethane	7.65	93	69172	20.814	ug/l 97
41) Bromodichloromethane	7.89	83	136216	21.168	ug/l 98

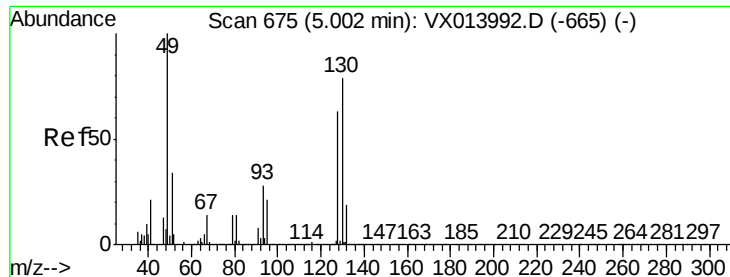
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX010920\
 Data File : VX014487.D
 Acq On : 09 Jan 2020 09:54
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 09 14:34:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X121219W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 13 01:35:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Vinyl Acetate	3.80	43	1424265	106.545	ug/l	100
44) Isopropyl Acetate	6.43	43	246079	20.223	ug/l	99
45) 1,4-Dioxane	7.73	88	52719	462.648	ug/l	96
46) Methyl methacrylate	7.76	41	118593	20.065	ug/l	98
47) n-amyl Acetate	10.89	43	206750	19.109	ug/l	98
48) t-1,3-Dichloropropene	9.03	75	152002	21.642	ug/l	95
49) cis-1,3-Dichloropropene	8.43	75	166754	21.112	ug/l	98
50) 1,1,2-Trichloroethane	9.21	97	107542	20.968	ug/l	98
51) Ethyl methacrylate	9.17	69	164347	20.145	ug/l	95
52) 1,3-Dichloropropane	9.36	76	179147	20.559	ug/l	97
53) Dibromochloromethane	9.57	129	109750	21.400	ug/l	95
54) 1,2-Dibromoethane	9.67	107	110713	20.965	ug/l	97
55) 2-Chloroethyl vinyl ether	8.30	63	360910	100.356	ug/l	99
56) Bromoform	10.85	173	80667	20.170	ug/l	100
58) 4-Methyl-2-Pentanone	8.63	43	761155	100.361	ug/l	99
59) 2-Hexanone	9.48	43	611057	106.167	ug/l	99
61) Tetrachloroethene	9.33	164	129922	24.229	ug/l	96
62) Toluene	8.78	91	455758	21.141	ug/l	99
64) Chlorobenzene	10.13	112	287558	21.290	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.21	131	104047	20.804	ug/l	99
66) Ethyl Benzene	10.25	91	502323	21.291	ug/l	99
67) m/p-Xylenes	10.36	106	388109	43.033	ug/l	100
68) o-Xylene	10.69	106	185052	20.712	ug/l	98
69) Styrene	10.71	104	311830	20.524	ug/l	99
70) Isopropylbenzene	11.01	105	496487	21.504	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	154488	18.868	ug/l	98
72) 1,2,3-Trichloropropane	11.29	75	177053	24.293	ug/l	94
73) Bromobenzene	11.25	156	129247	20.970	ug/l	98
74) n-propylbenzene	11.35	91	567373	21.666	ug/l	98
75) 2-Chlorotoluene	11.42	91	331831	20.971	ug/l	98
76) 1,3,5-Trimethylbenzene	11.50	105	414256	21.151	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	49335	20.499	ug/l	93
78) 4-Chlorotoluene	11.51	91	382417	21.150	ug/l	99
79) tert-butylbenzene	11.76	119	390839	20.703	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	413913	21.135	ug/l	100
81) sec-Butylbenzene	11.94	105	475570	21.179	ug/l	99
82) p-Isopropyltoluene	12.06	119	435650	21.499	ug/l	100
83) 1,3-Dichlorobenzene	12.02	146	225463	20.987	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	227094	21.229	ug/l	100
85) n-Butylbenzene	12.38	91	375255	22.025	ug/l	99
86) Hexachloroethane	12.59	117	74643	20.305	ug/l	98
87) 1,2-Dichlorobenzene	12.39	146	225468	20.663	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	12.99	75	31639	19.387	ug/l	94
89) 1,2,4-Trichlorobenzene	13.64	180	151079	21.664	ug/l	97
90) Hexachlorobutadiene	13.78	225	74139	22.366	ug/l	95
91) Naphthalene	13.83	128	446030	21.279	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	153791	21.742	ug/l	99

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

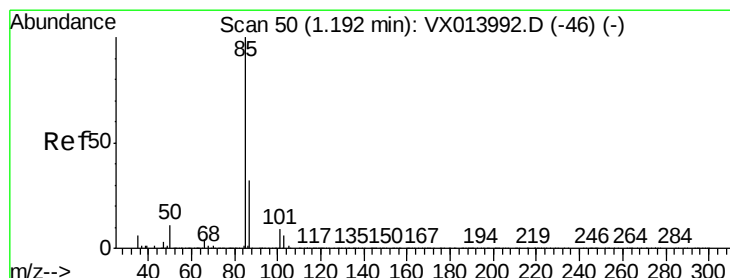
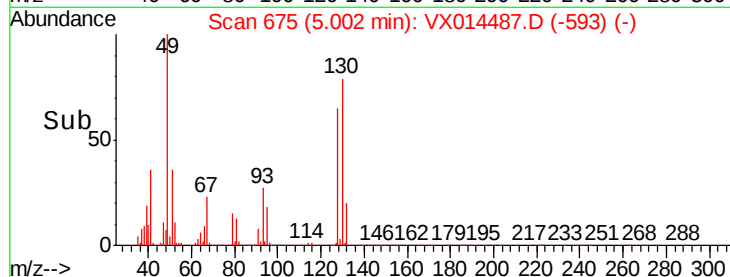
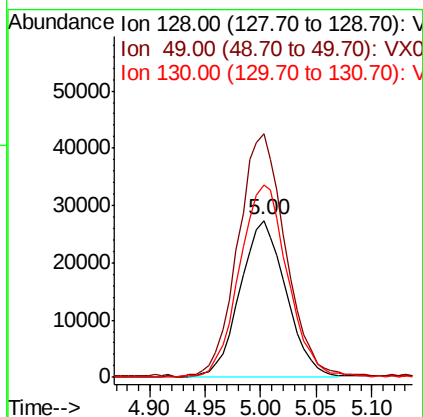
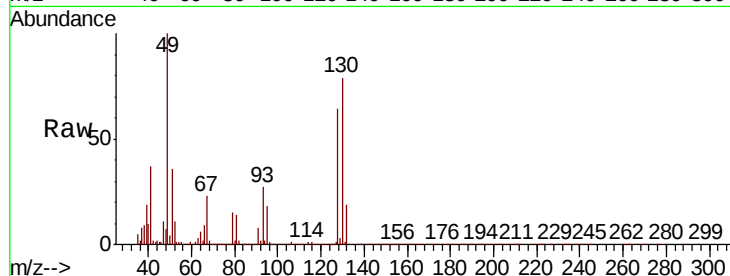


#1

Bromochloromethane
Concen: 30.000 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX014487.D
Acq: 09 Jan 2020 09:54

Instrument :
MSVOA_X
ClientSampled :

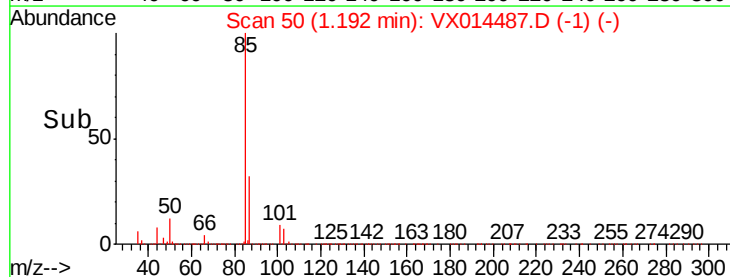
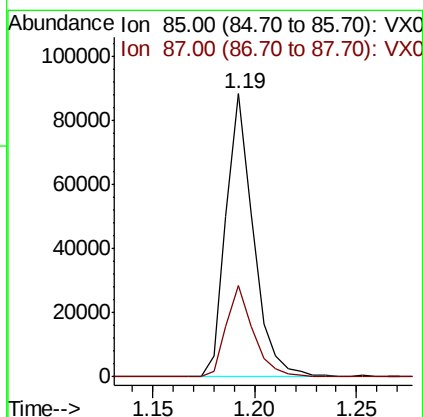
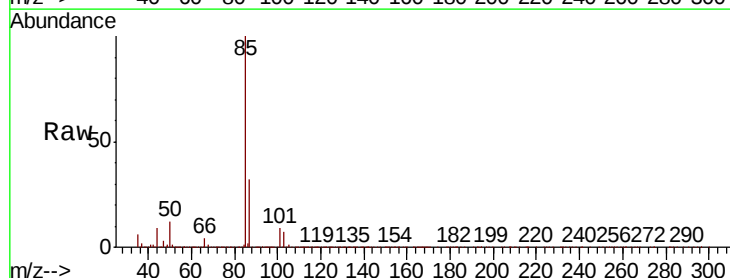
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Ion Ratio Lower Upper
128 100
49 160.4 0.0 405.0
130 130.3 0.0 321.5

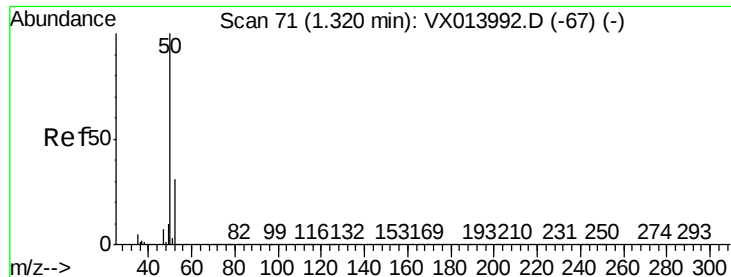


#2

Dichlorodifluoromethane
Concen: 20.821 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX014487.D
Acq: 09 Jan 2020 09:54

Tgt Ion: 85 Resp: 82069
Ion Ratio Lower Upper
85 100
87 32.2 16.3 48.9

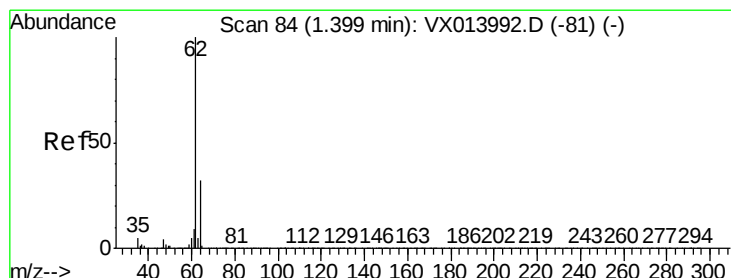
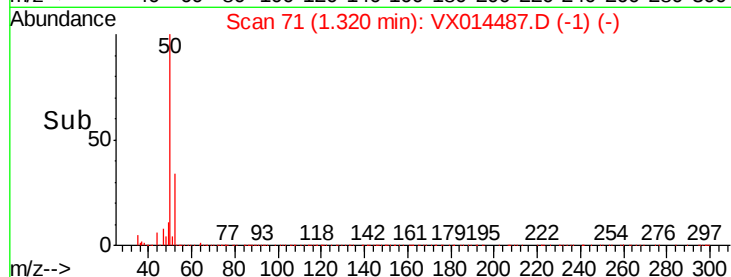
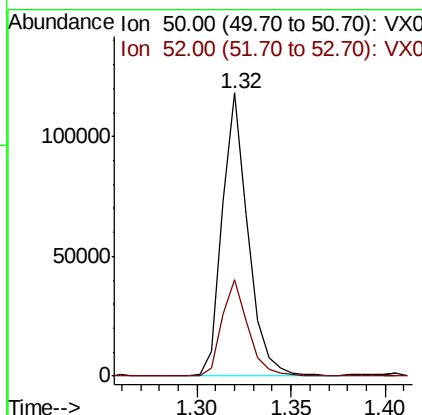
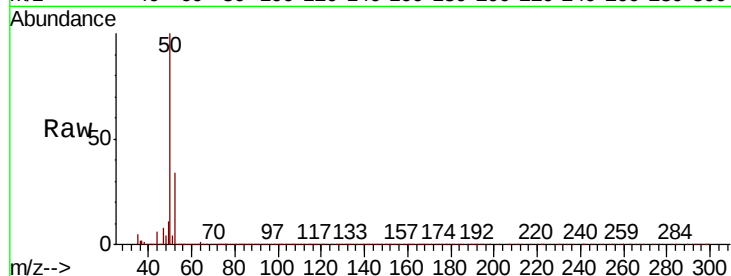




#3
Chloromethane
Concen: 20.189 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX014487.D
Acq: 09 Jan 2020 09:54

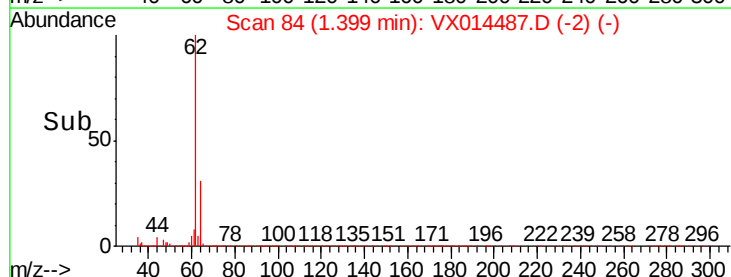
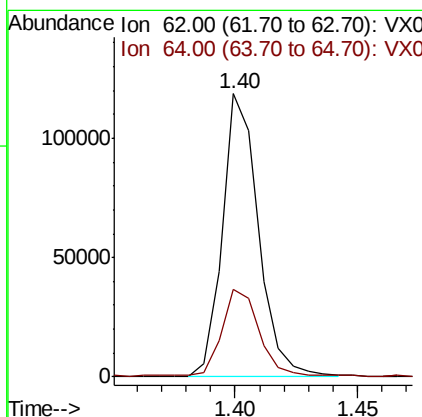
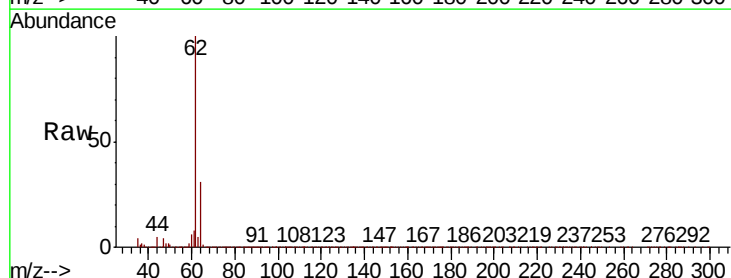
Instrument :
MSVOA_X
ClientSampleId :

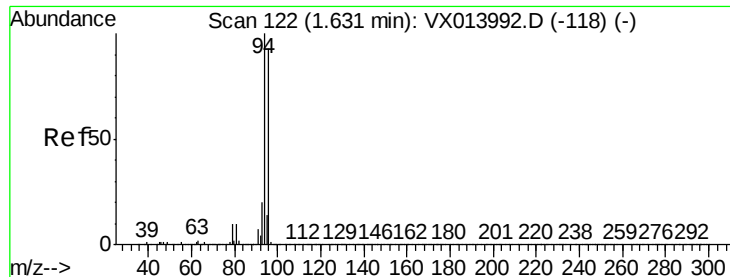
Tot Ion: 50 Resp: 112160
Ion Ratio Lower Upper
50 100
52 33.9 24.3 36.5



#4
Vinyl Chloride
Concen: 21.243 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX014487.D
Acq: 09 Jan 2020 09:54

Tgt Ion: 62 Resp: 120981
Ion Ratio Lower Upper
62 100
64 30.7 25.2 37.8





#5

Bromomethane

Concen: 17.736 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX014487.D

Acq: 09 Jan 2020 09:54

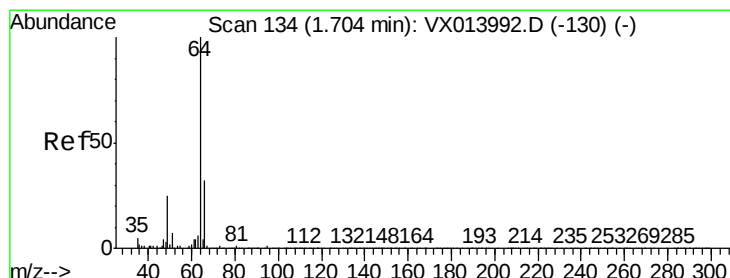
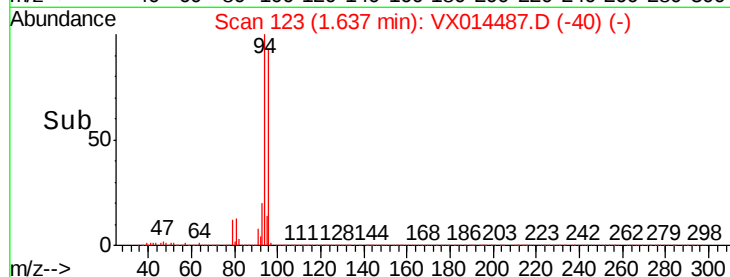
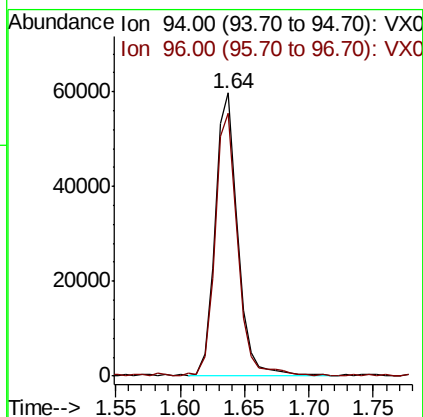
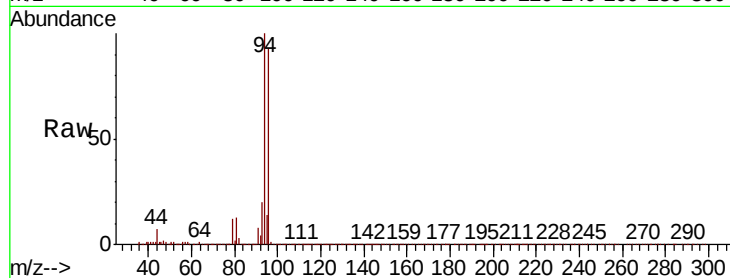
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 73839

Ion Ratio Lower Upper

94 100

96 93.0 74.4 111.6



#6

Chloroethane

Concen: 23.415 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014487.D

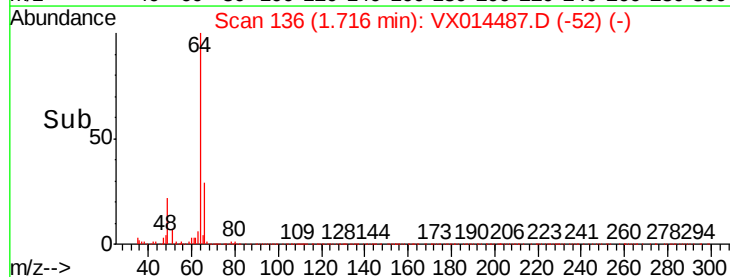
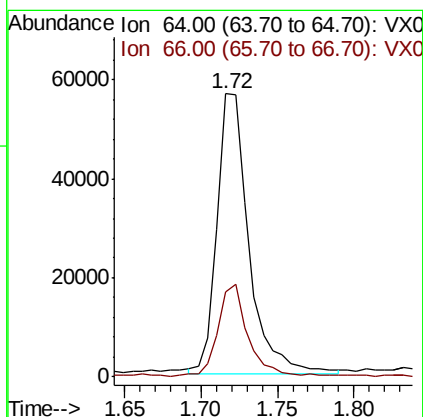
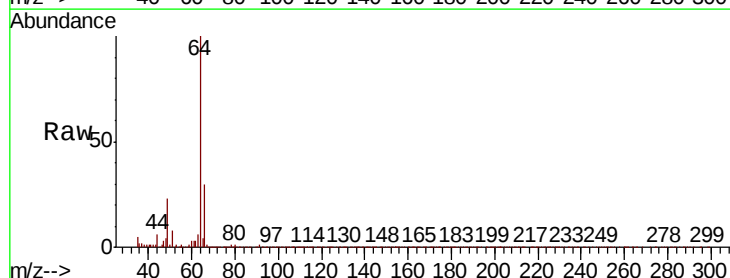
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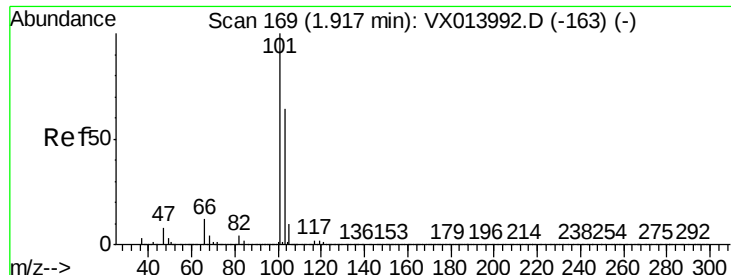
Tgt Ion: 64 Resp: 82369

Ion Ratio Lower Upper

64 100

66 30.0 25.2 37.8



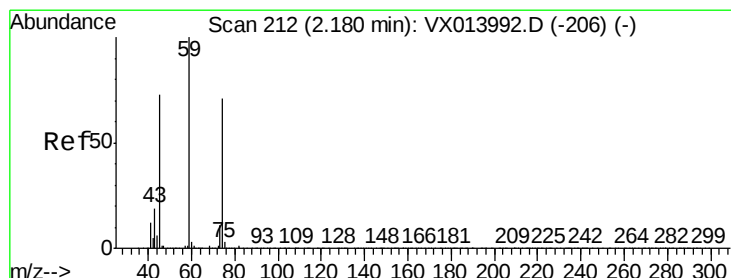
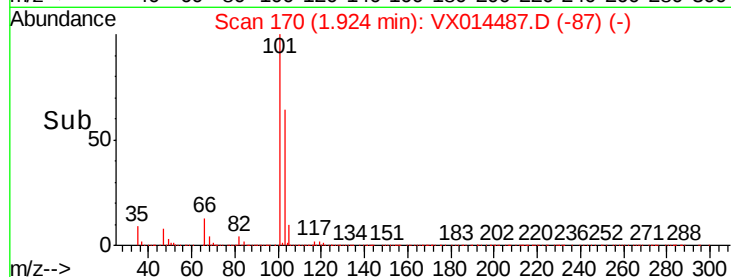
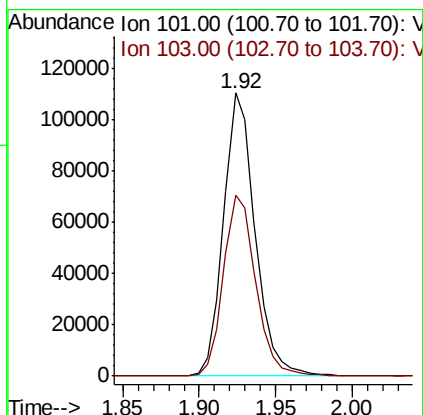
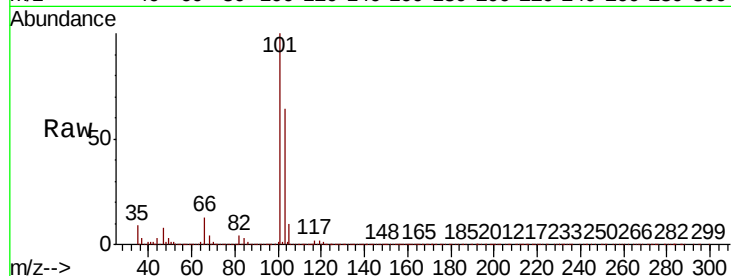


#7

Trichlorofluoromethane
Concen: 22.156 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014487.D
Acq: 09 Jan 2020 09:54

Instrument :
MSVOA_X
ClientSampleId :

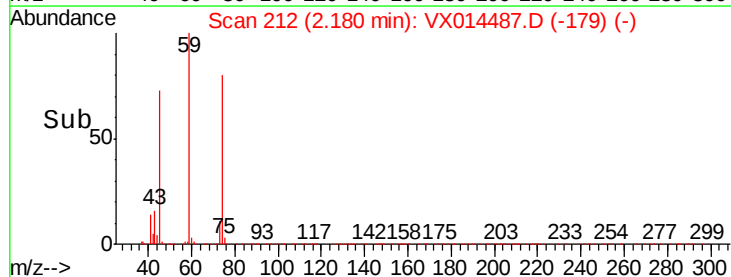
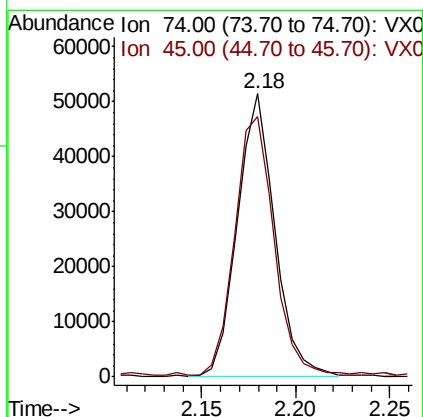
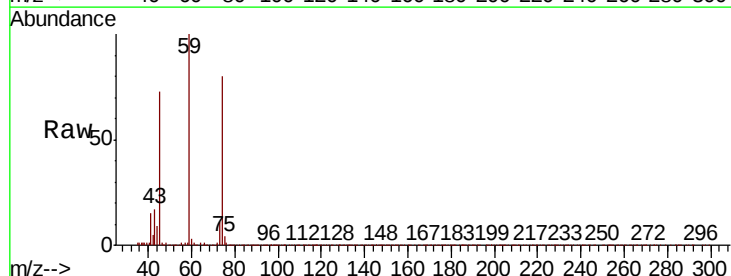
Tot Ion:101 Resp: 157012
Ion Ratio Lower Upper
101 100
103 63.7 51.6 77.4

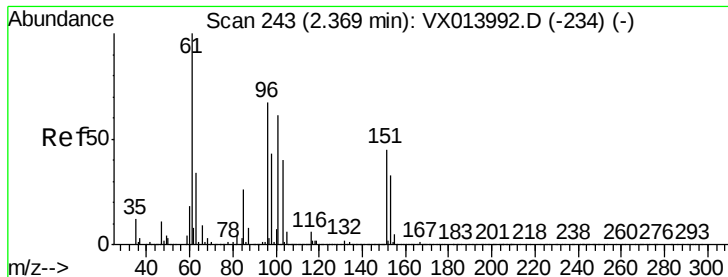


#8

Diethyl Ether
Concen: 21.534 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014487.D
Acq: 09 Jan 2020 09:54

Tgt Ion: 74 Resp: 70142
Ion Ratio Lower Upper
74 100
45 97.3 20.6 185.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.579 ug/l

RT: 2.37 min Scan# 244

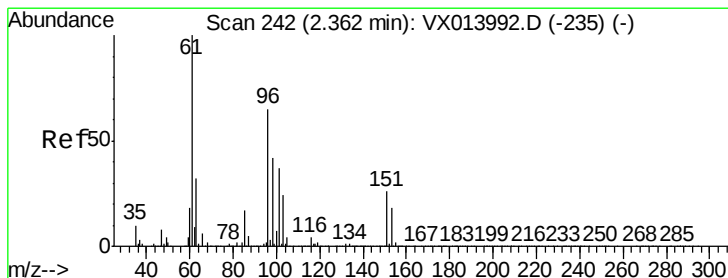
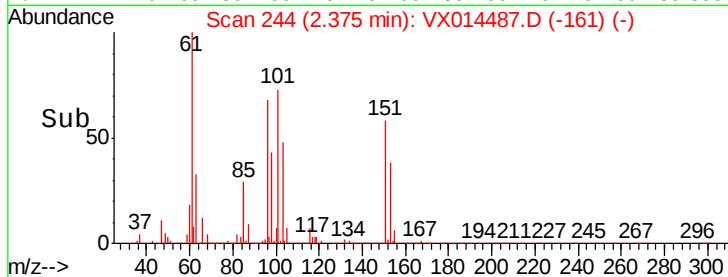
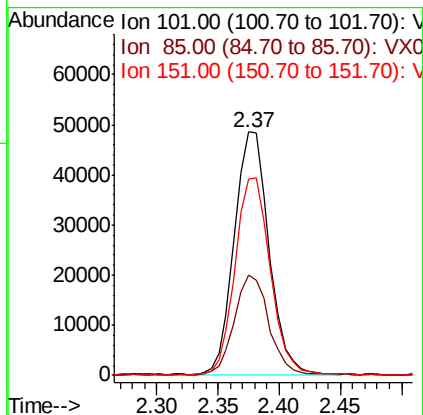
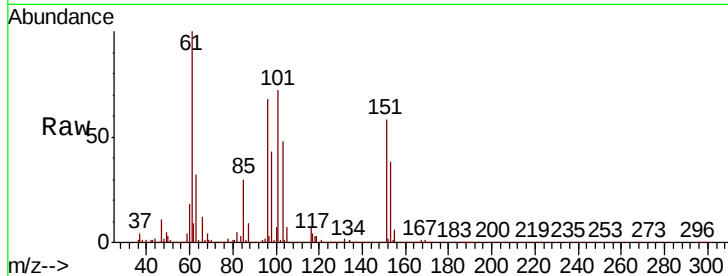
Delta R.T. 0.01 min

Lab File: VX014487.D

Acq: 09 Jan 2020 09:54

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	101	Resp:	95431
Ion	Ratio	Lower	Upper
101	100		
85	40.6	0.0	85.6
151	83.0	0.0	159.4



#10

1,1-Dichloroethene

Concen: 21.188 ug/l

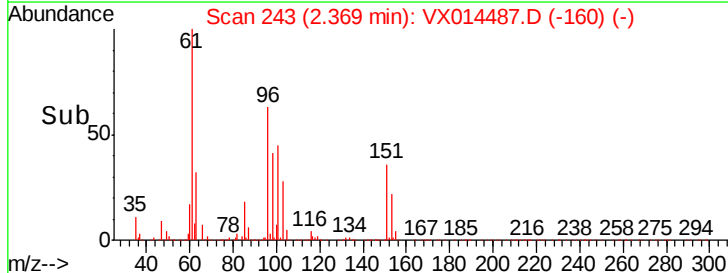
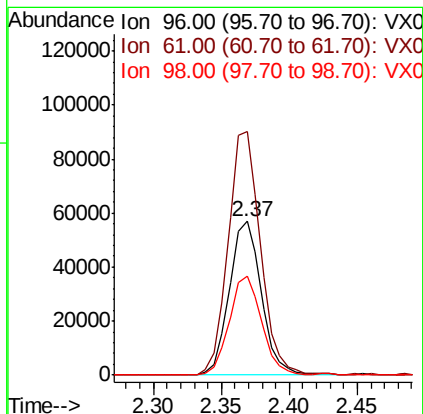
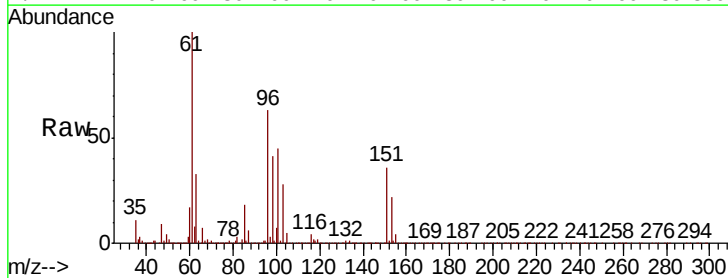
RT: 2.37 min Scan# 243

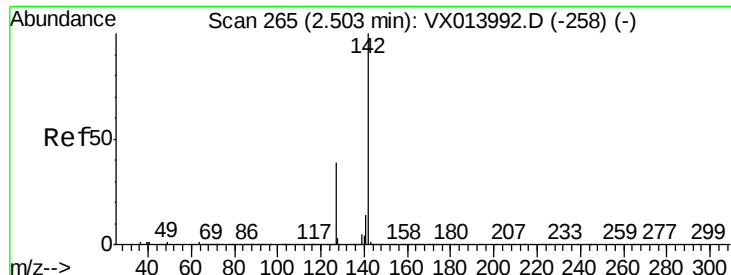
Delta R.T. 0.01 min

Lab File: VX014487.D

Acq: 09 Jan 2020 09:54

Tgt Ion:	96	Resp:	92583
Ion	Ratio	Lower	Upper
96	100		
61	158.3	123.0	184.6
98	64.2	51.4	77.0

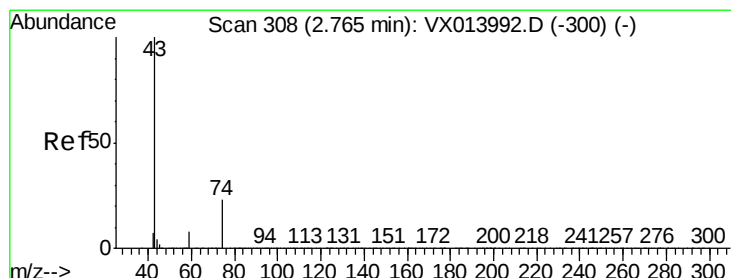
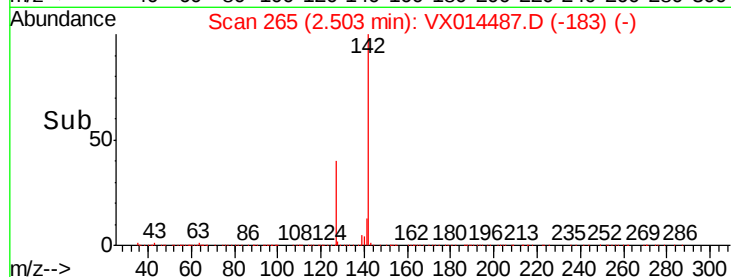
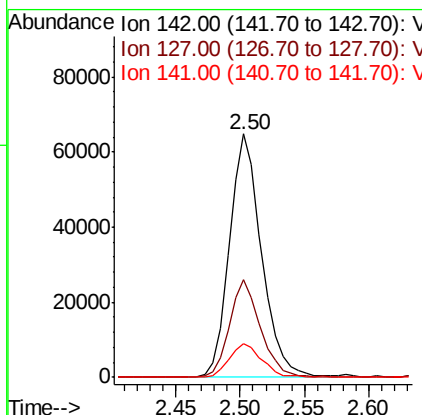
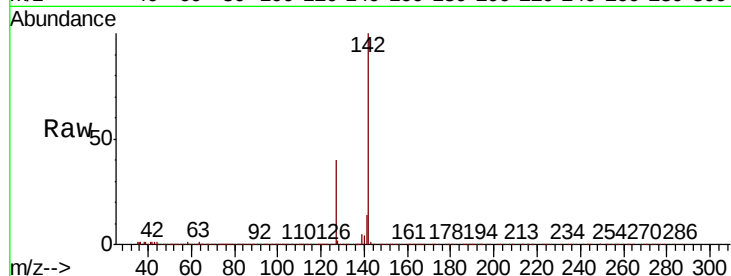




#11
Methvl Iodide
Concen: 19.926 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.00 min
Lab File: VX014487.D
Acq: 09 Jan 2020 09:54

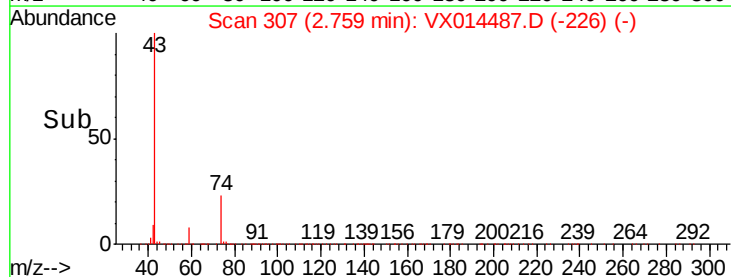
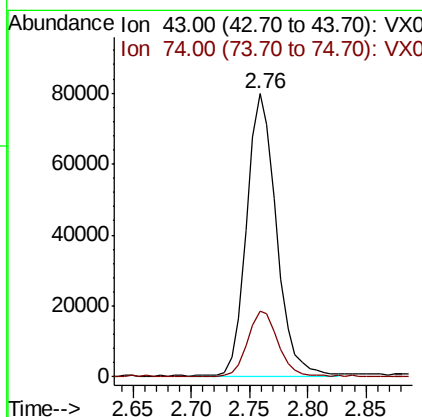
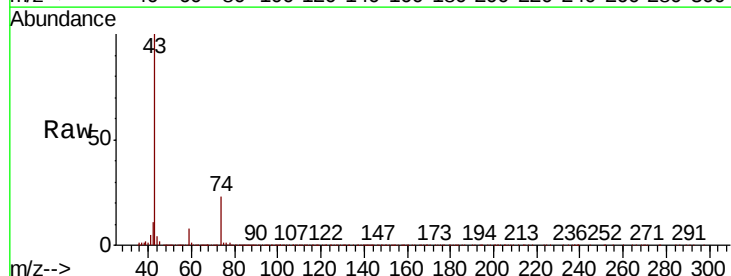
Instrument :
MSVOA_X
ClientSampleId :

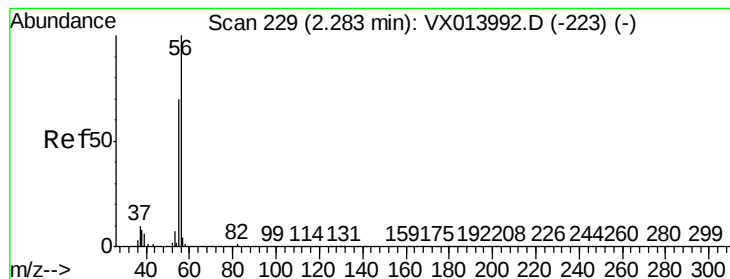
Tot Ion:142 Resp: 112087
Ion Ratio Lower Upper
142 100
127 40.1 19.5 58.5
141 13.5 7.0 20.9



#12
Methyl Acetate
Concen: 20.927 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014487.D
Acq: 09 Jan 2020 09:54

Tgt Ion: 43 Resp: 141558
Ion Ratio Lower Upper
43 100
74 22.9 18.5 27.7





#13

Acrolein

Concen: 123.493 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014487.D

Acq: 09 Jan 2020 09:54

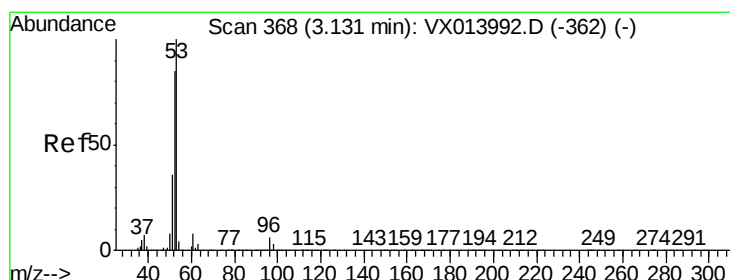
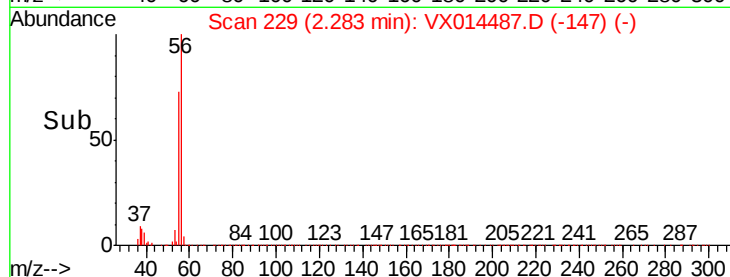
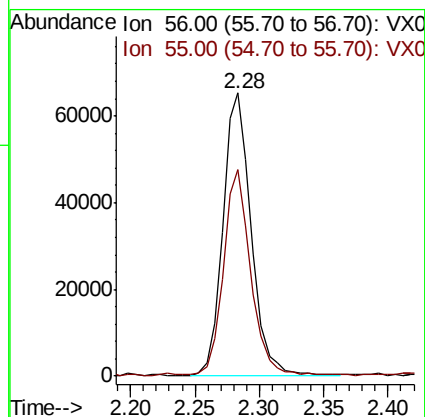
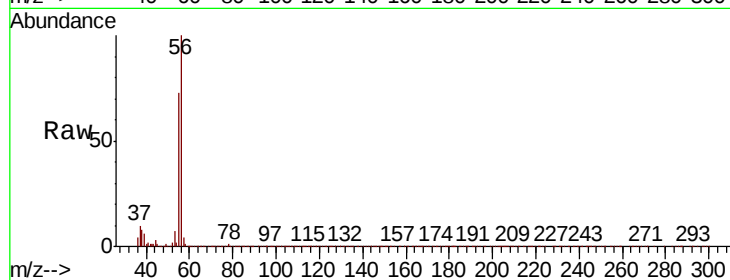
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 101319

Ion Ratio Lower Upper

56 100

55 70.4 54.9 82.3



#14

Acrylonitrile

Concen: 102.246 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX014487.D

Acq: 09 Jan 2020 09:54

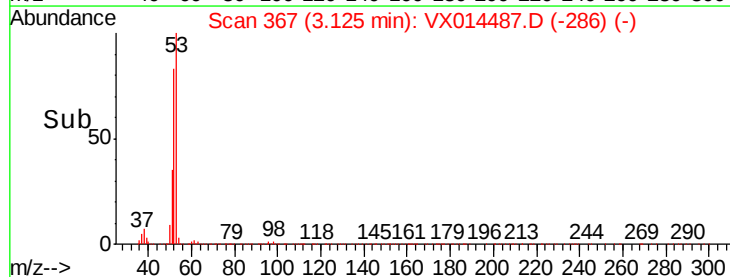
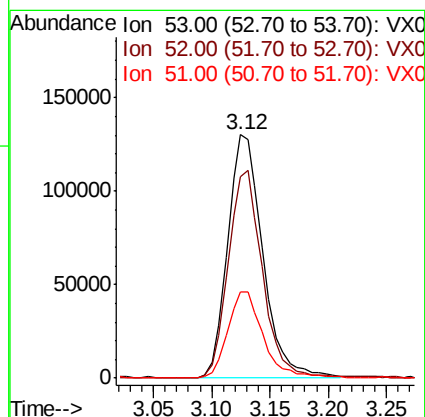
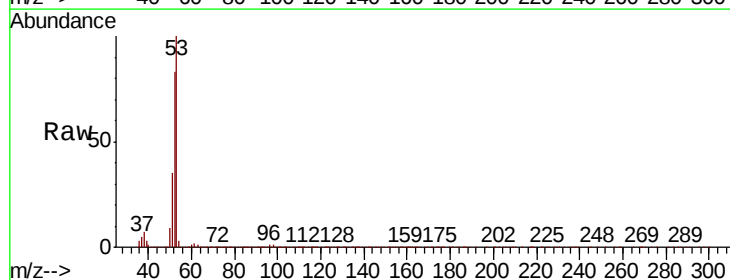
Tgt Ion: 53 Resp: 270382

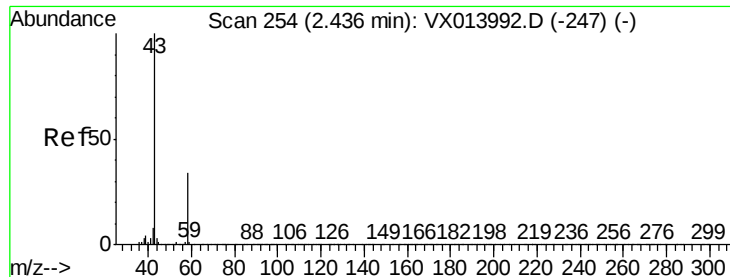
Ion Ratio Lower Upper

53 100

52 83.9 41.5 124.6

51 36.1 17.8 53.5





#15

Acetone

Concen: 123.211 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014487.D

Acq: 09 Jan 2020 09:54

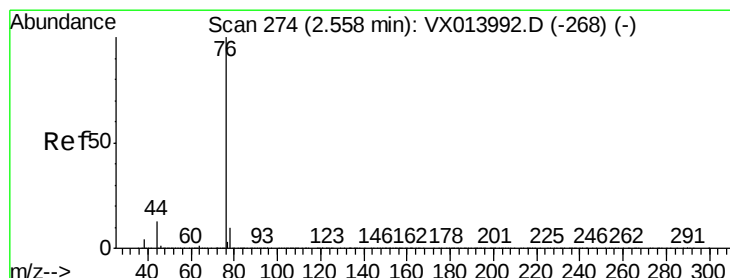
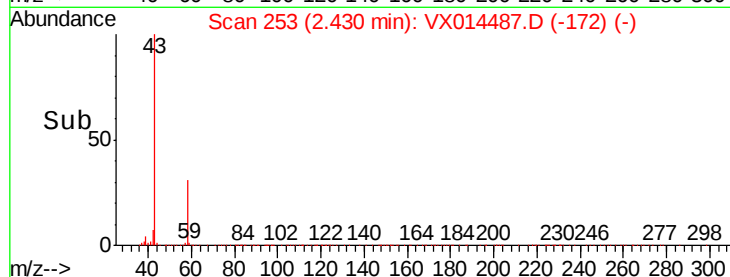
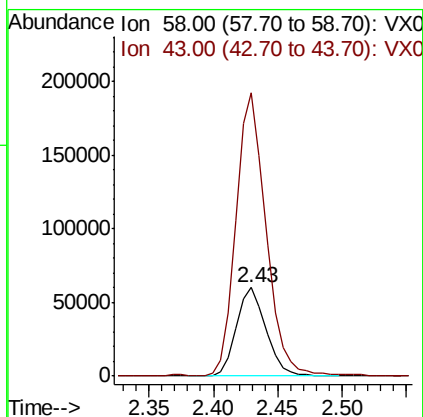
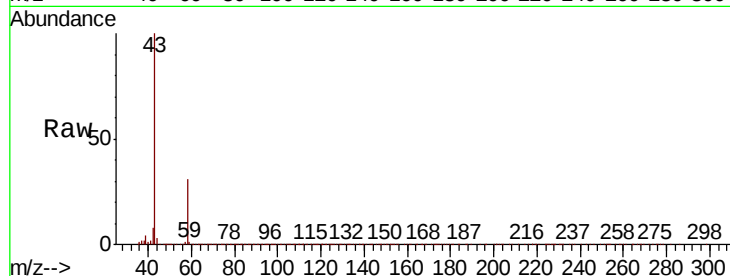
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 58 Resp: 95715

Ion Ratio Lower Upper

58 100

43 319.1 236.3 354.5



#16

Carbon Disulfide

Concen: 21.190 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014487.D

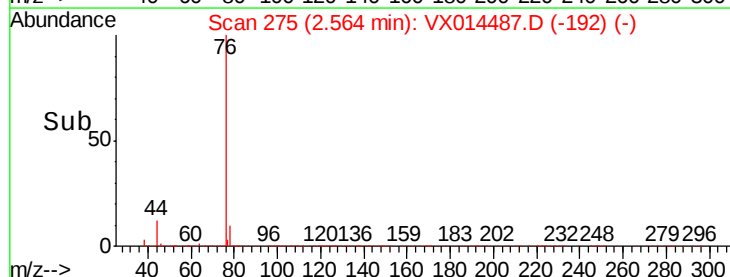
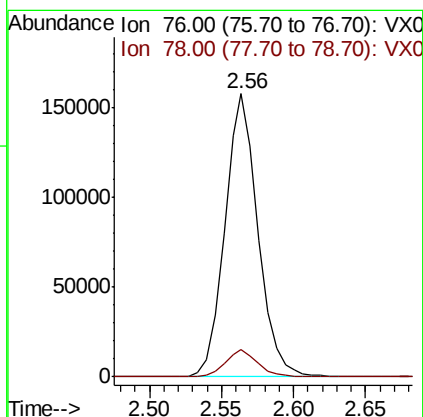
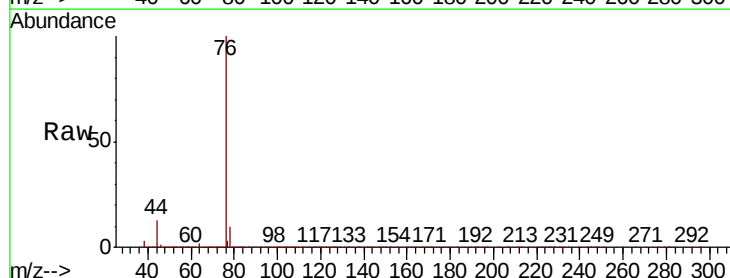
Acq: 09 Jan 2020 09:54

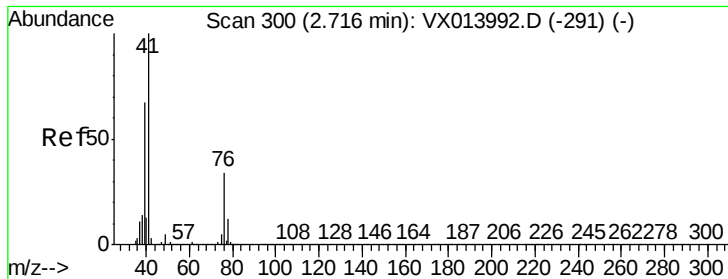
Tgt Ion: 76 Resp: 250826

Ion Ratio Lower Upper

76 100

78 9.6 7.8 11.8

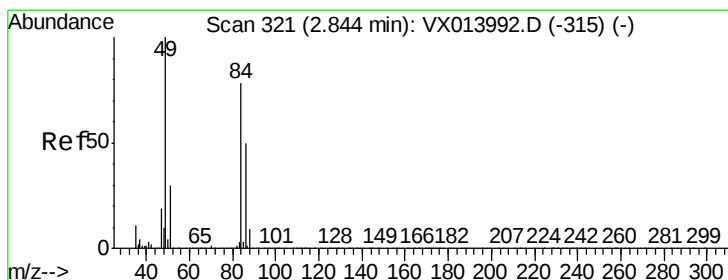
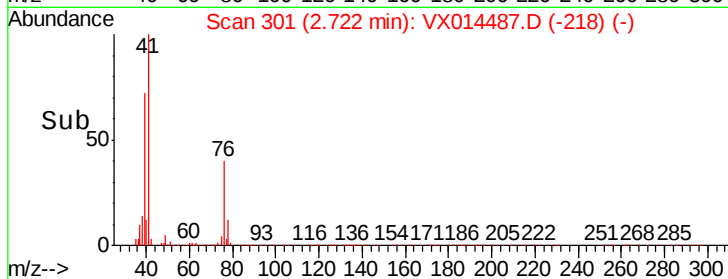
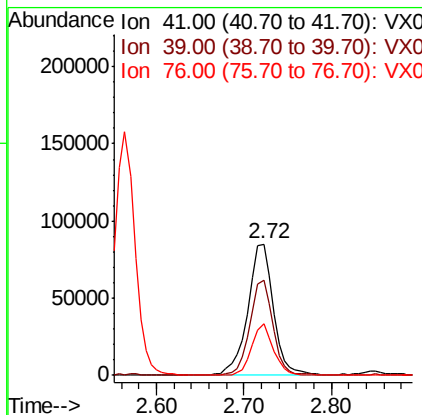
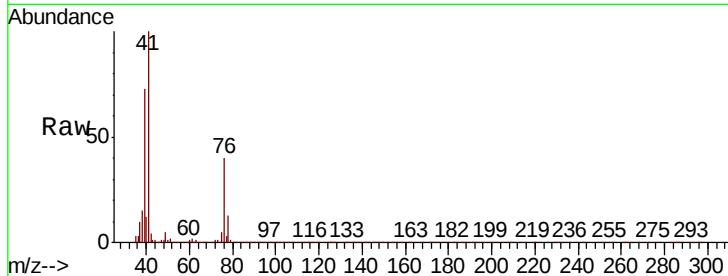




#17
Allvl chloride
Concen: 21.870 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.01 min
Lab File: VX014487.D
Acq: 09 Jan 2020 09:54

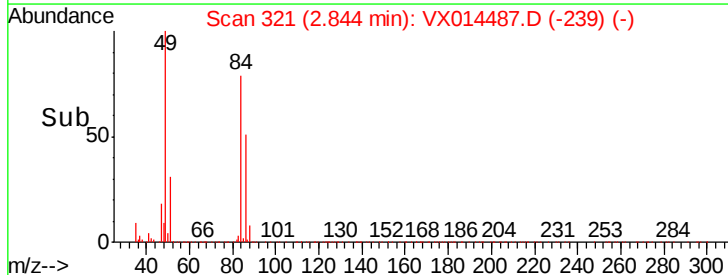
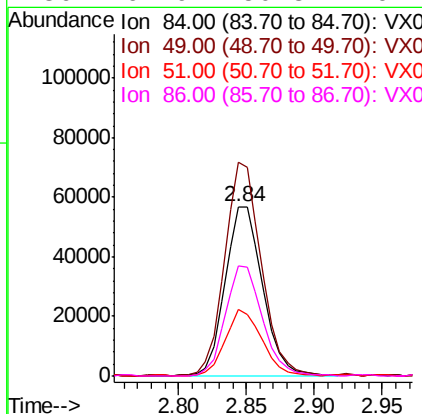
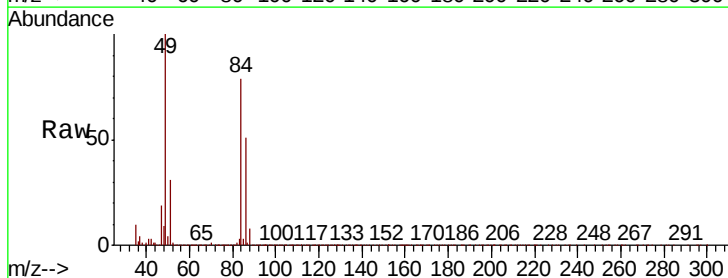
Instrument :
MSVOA_X
ClientSampled :

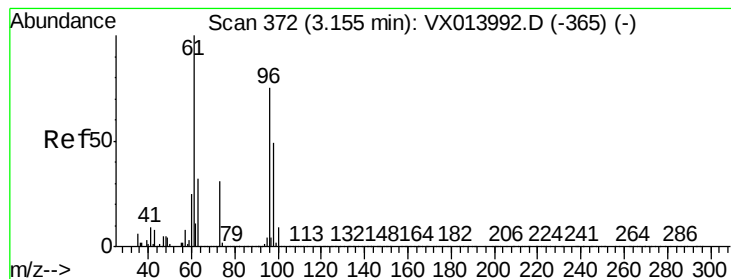
Tot Ion: 41 Resp: 171722
Ion Ratio Lower Upper
41 100
39 72.3 33.4 100.2
76 39.4 17.0 50.9



#18
Methylene Chloride
Concen: 20.179 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX014487.D
Acq: 09 Jan 2020 09:54

Tgt Ion: 84 Resp: 108040
Ion Ratio Lower Upper
84 100
49 126.2 102.2 153.2
51 39.0 31.4 47.0
86 64.9 50.8 76.2





#19

trans-1,2-Dichloroethene

Concen: 21.072 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX014487.D

Acq: 09 Jan 2020 09:54

Instrument :
MSVOA_X
ClientSampleId :

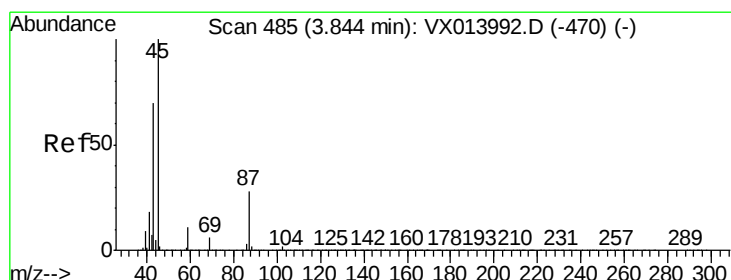
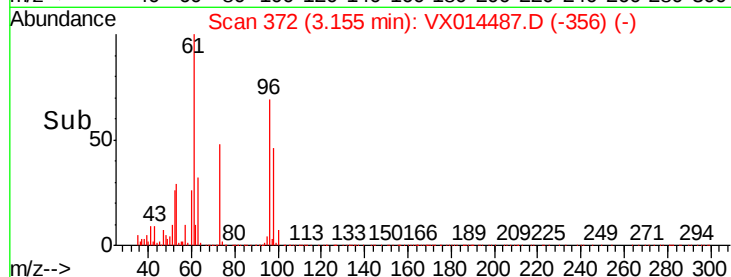
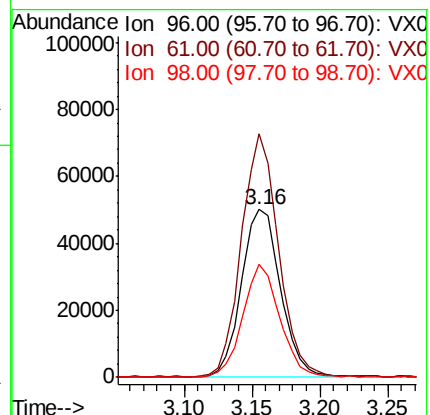
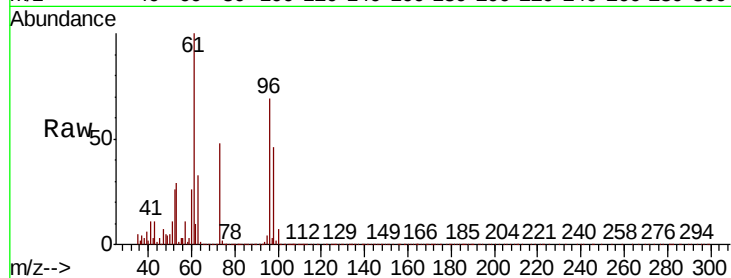
Tot Ion: 96 Resp: 100828

Ion Ratio Lower Upper

96 100

61 145.1 106.6 159.8

98 67.0 51.6 77.4



#20

Diisopropyl ether

Concen: 21.320 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.01 min

Lab File: VX014487.D

Acq: 09 Jan 2020 09:54

Tgt Ion: 45 Resp: 343494

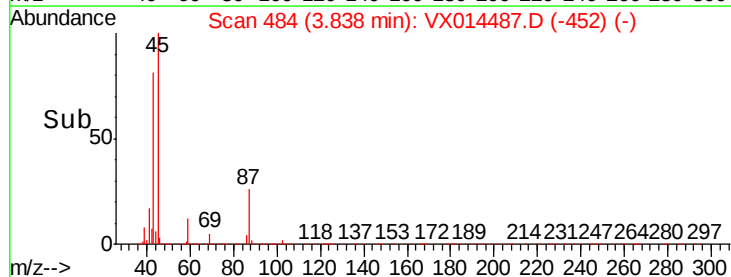
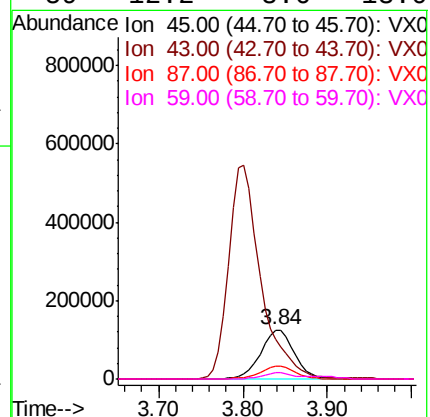
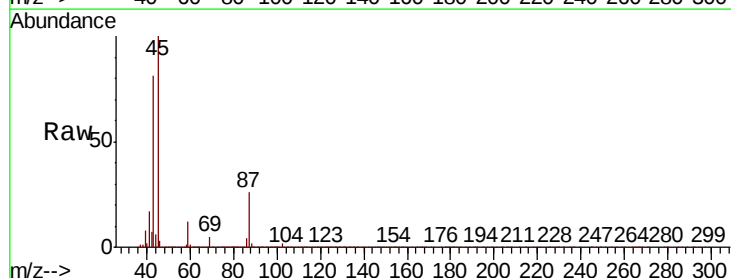
Ion Ratio Lower Upper

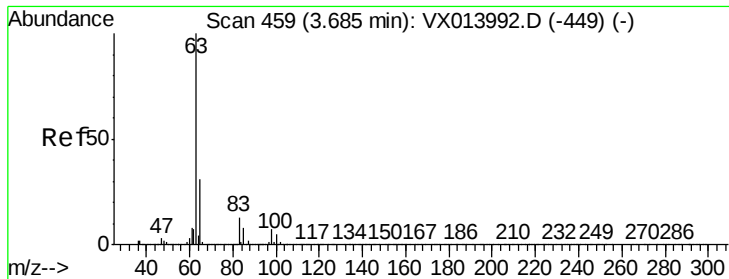
45 100

43 80.5 55.9 83.9

87 25.5 22.2 33.2

59 12.2 8.6 13.0





#21

1,1-Dichloroethane

Concen: 21.018 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX014487.D

Acq: 09 Jan 2020 09:54

Instrument :
MSVOA_X
ClientSampleId :

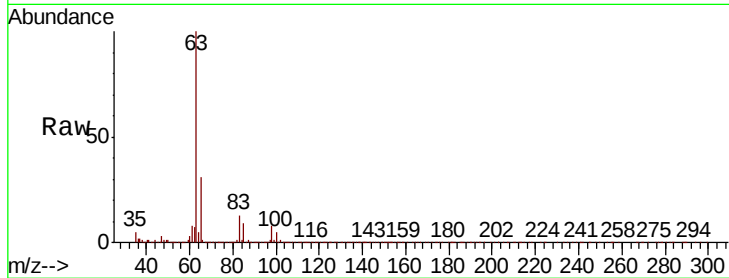
Tot Ion: 63 Resp: 183786

Ion Ratio Lower Upper

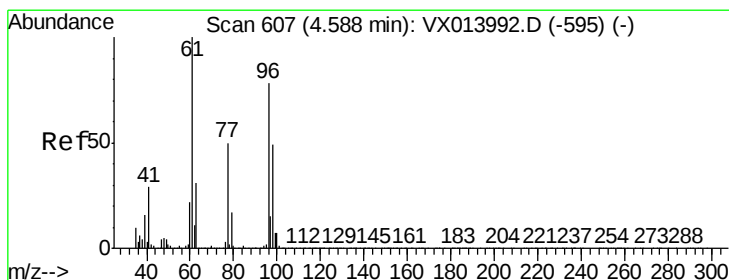
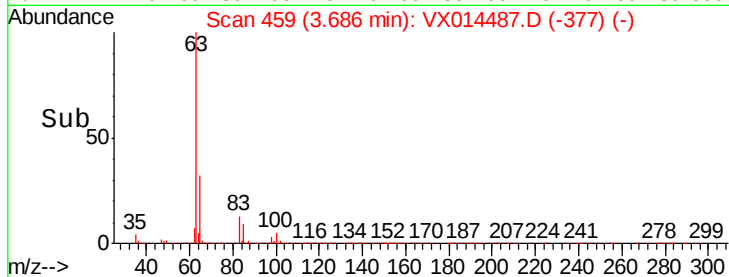
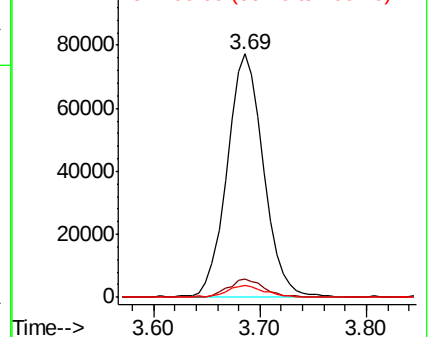
63 100

98 7.2 3.4 10.1

100 4.9 2.5 7.4



Abundance Ion 63.00 (62.70 to 63.70): VX0
Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 21.065 ug/l

RT: 4.59 min Scan# 607

Delta R.T. 0.00 min

Lab File: VX014487.D

Acq: 09 Jan 2020 09:54

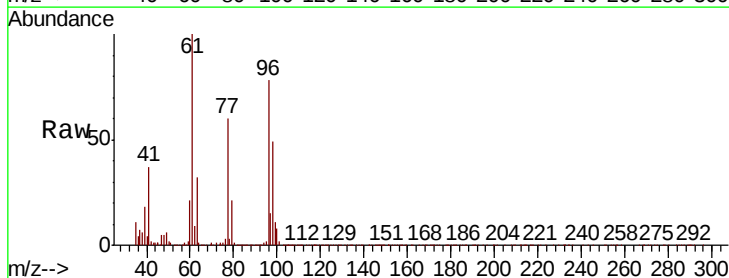
Tgt Ion: 96 Resp: 116842

Ion Ratio Lower Upper

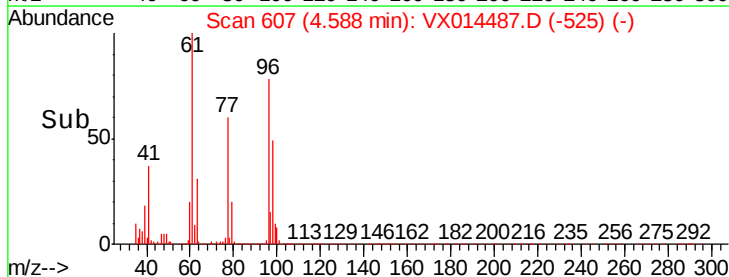
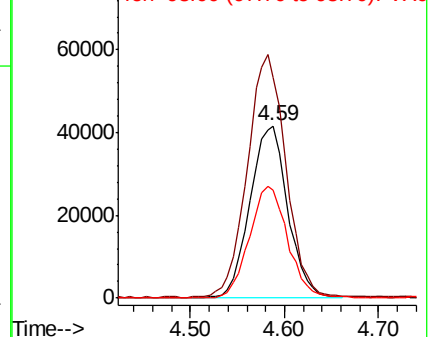
96 100

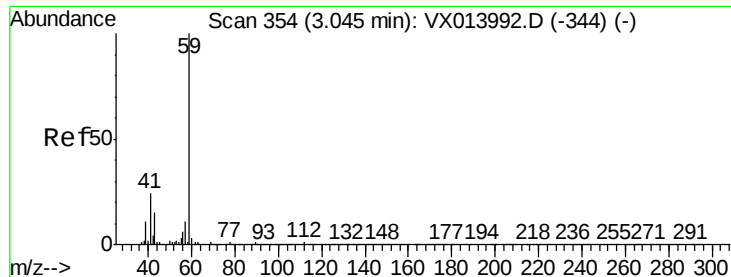
61 143.5 112.4 168.6

98 65.0 50.3 75.5



Abundance Ion 96.00 (95.70 to 96.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 98.00 (97.70 to 98.70): VX0



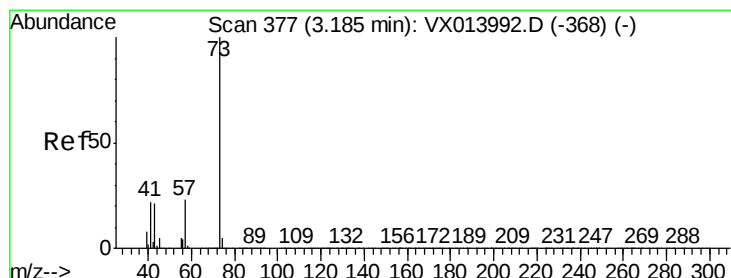
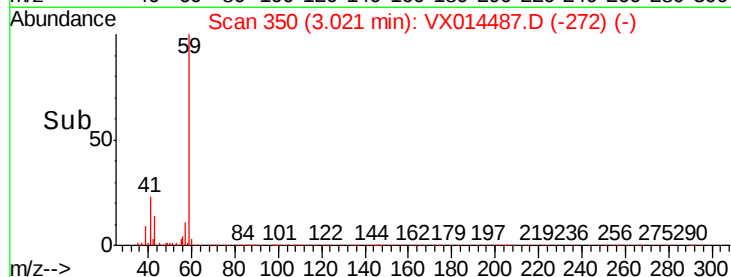
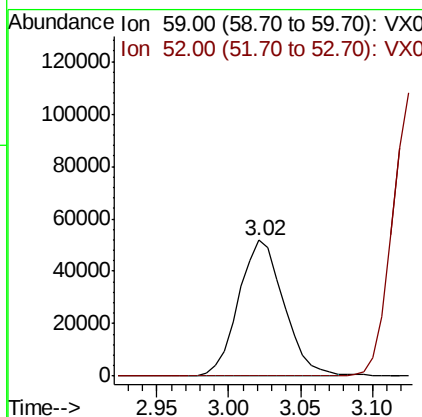
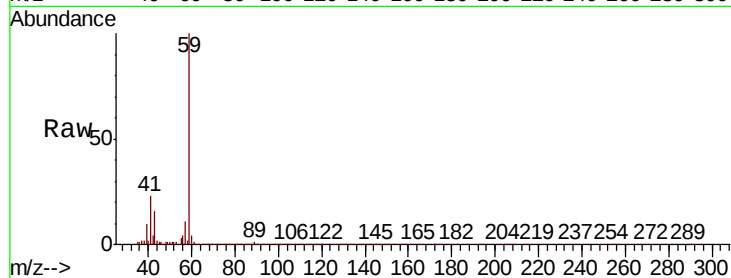


#23

tert-Butyl Alcohol
Concen: 108.394 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.02 min
Lab File: VX014487.D
Acq: 09 Jan 2020 09:54

Instrument :
MSVOA_X
ClientSampleId :

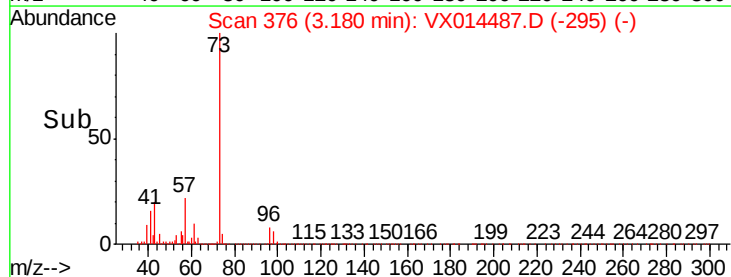
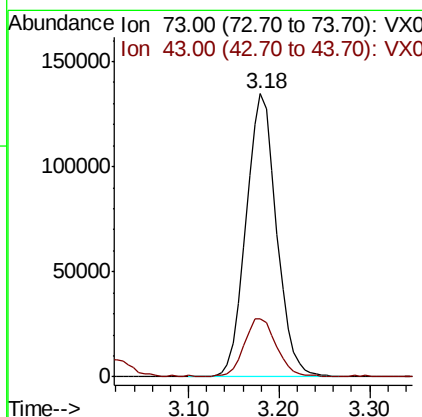
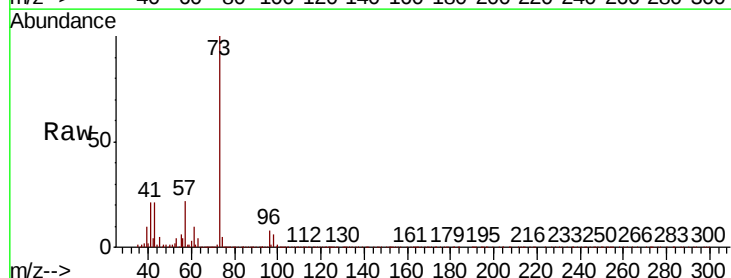
Tot Ion: 59 Resp: 112429
Ion Ratio Lower Upper
59 100
52 0.3 0.2 0.2#

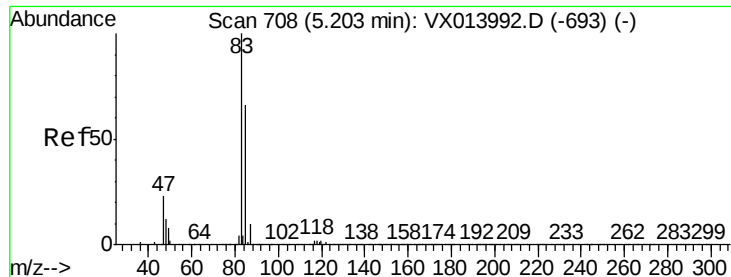


#24

Methyl tert-Butyl Ether
Concen: 21.175 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX014487.D
Acq: 09 Jan 2020 09:54

Tgt Ion: 73 Resp: 312547
Ion Ratio Lower Upper
73 100
43 21.8 16.6 25.0





#25

Chloroform

Concen: 21.666 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX014487.D

Acq: 09 Jan 2020 09:54

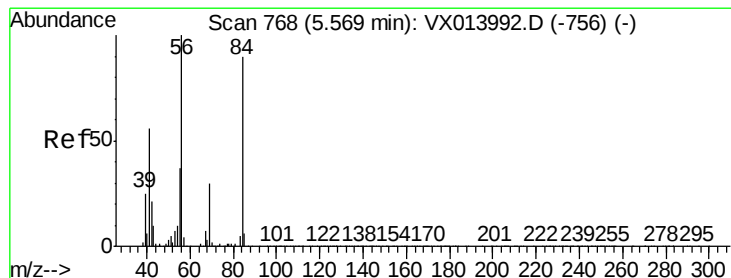
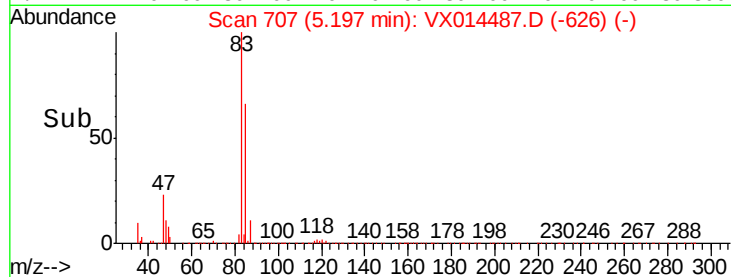
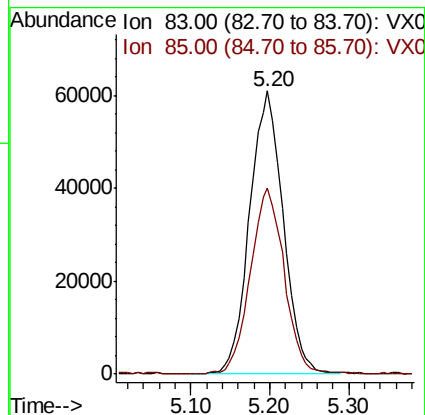
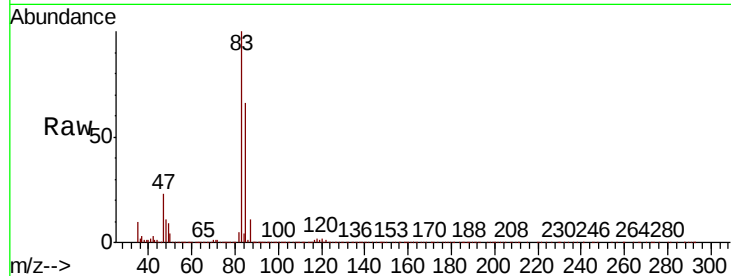
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 180619

Ion Ratio Lower Upper

83 100

85 65.4 52.7 79.1



#26

Cyclohexane

Concen: 21.788 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX014487.D

Acq: 09 Jan 2020 09:54

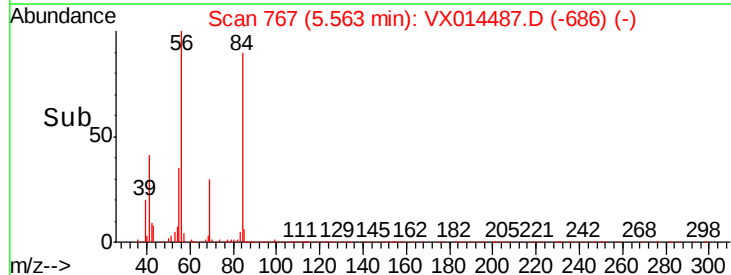
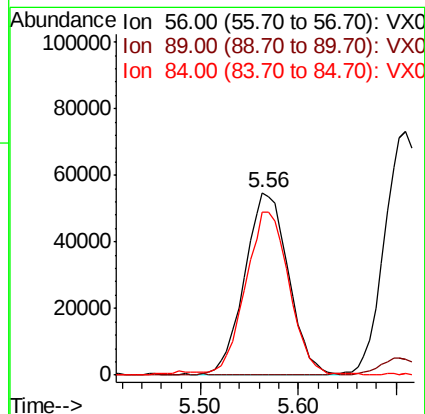
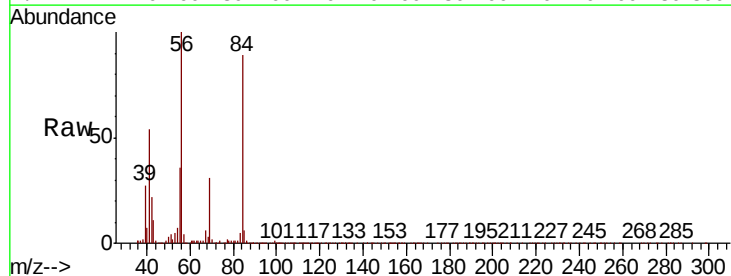
Tgt Ion: 56 Resp: 169880

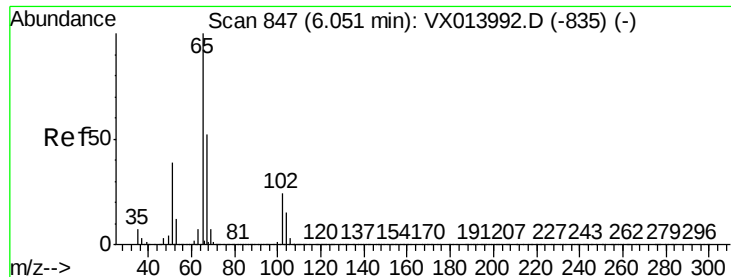
Ion Ratio Lower Upper

56 100

89 0.1 0.1 0.1#

84 88.4 70.8 106.2





#27

1,2-Dichloroethane-d4

Concen: 29.349 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014487.D

Acq: 09 Jan 2020 09:54

Instrument :

MSVOA_X

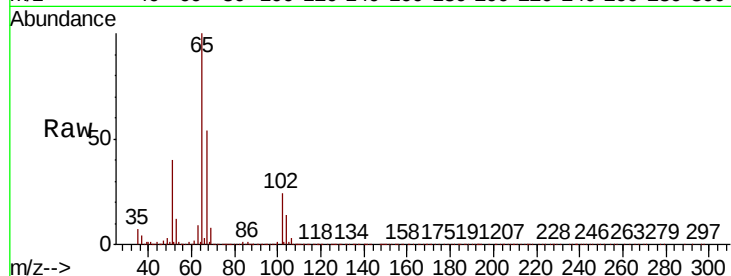
ClientSampleId :

Tot Ion: 65 Resp: 164013

Ion Ratio Lower Upper

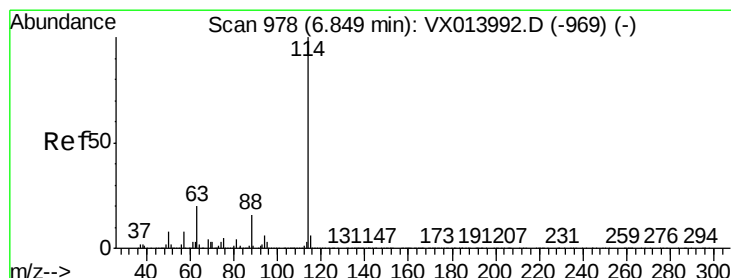
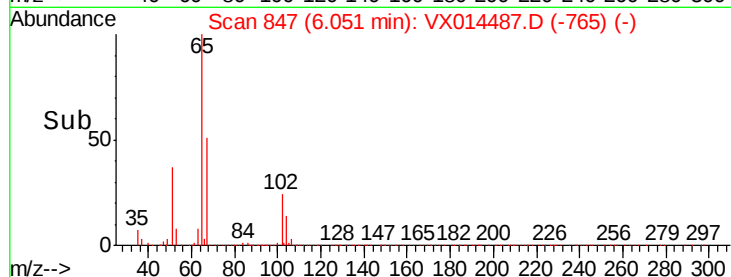
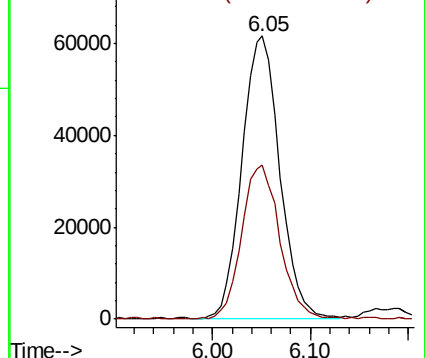
65 100

67 54.3 43.1 64.7



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX014487.D

Acq: 09 Jan 2020 09:54

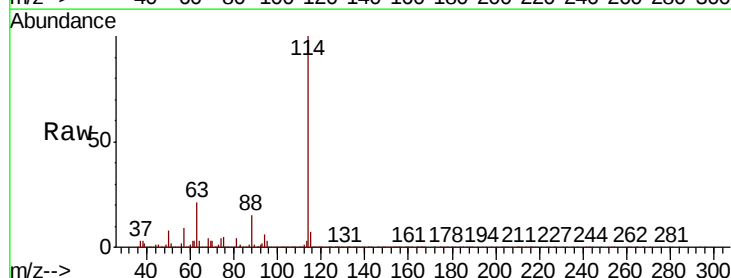
Tgt Ion: 114 Resp: 444711

Ion Ratio Lower Upper

114 100

63 20.3 16.1 24.1

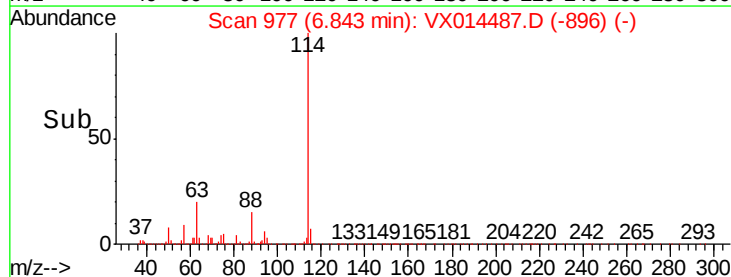
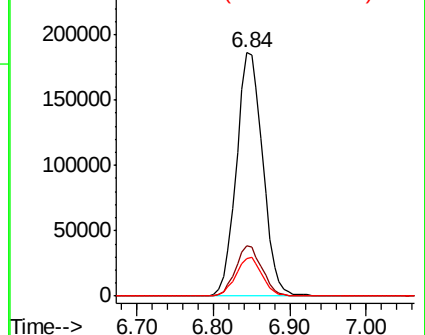
88 15.6 12.5 18.7

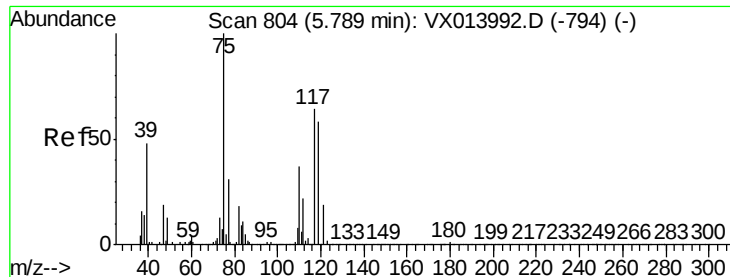


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





#29

1,1-Dichloropropene

Concen: 21.049 ug/l

RT: 5.79 min Scan# 804

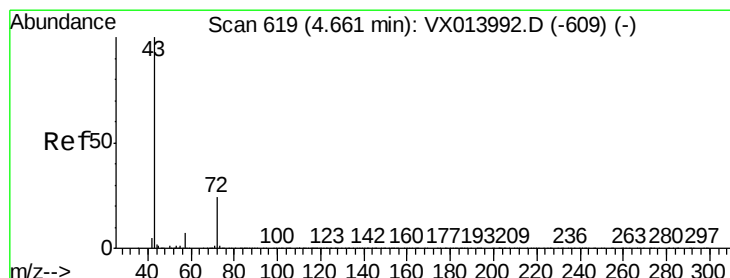
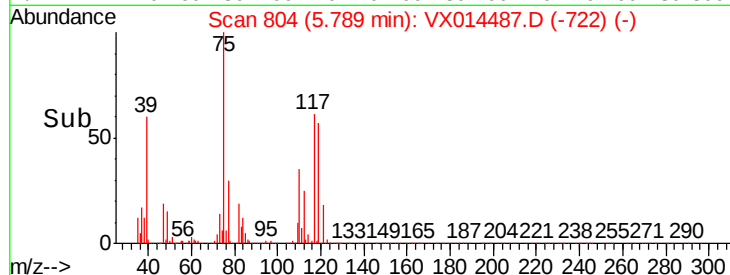
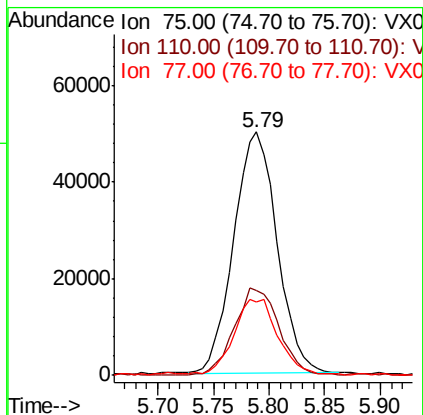
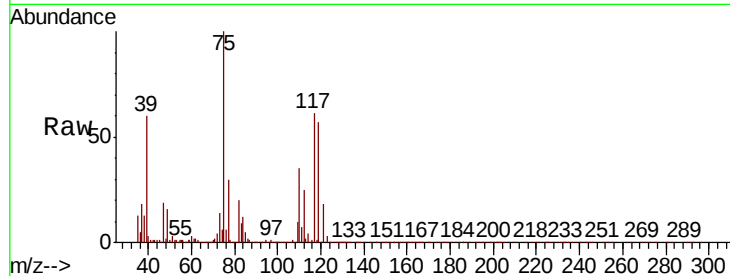
Delta R.T. 0.00 min

Lab File: VX014487.D

Acq: 09 Jan 2020 09:54

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	75	Resp:	135212
Ion	Ratio	Lower	Upper
75	100		
110	36.6	0.0	73.8
77	31.7	0.0	62.4



#30

2-Butanone

Concen: 110.998 ug/l

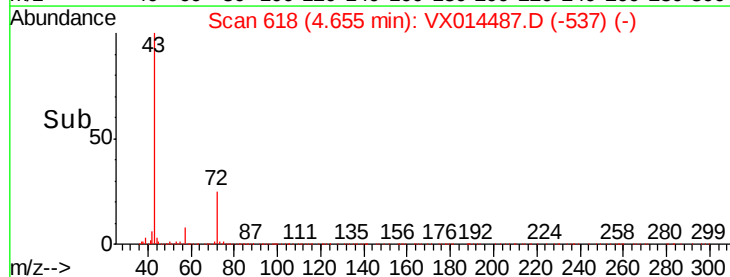
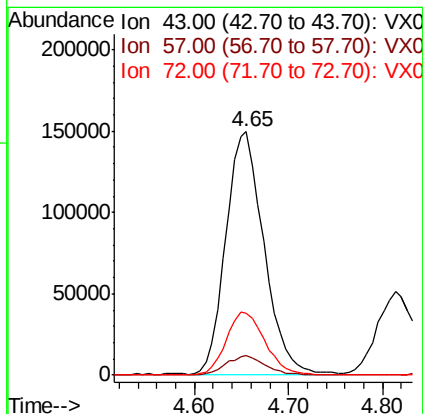
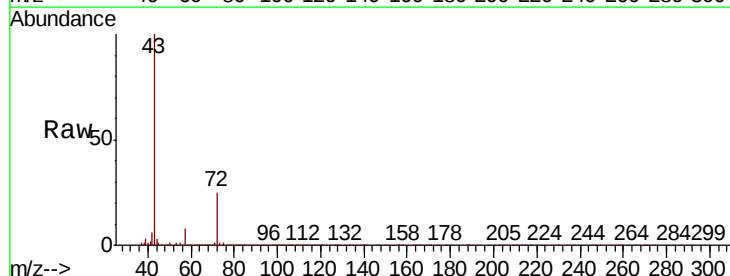
RT: 4.65 min Scan# 618

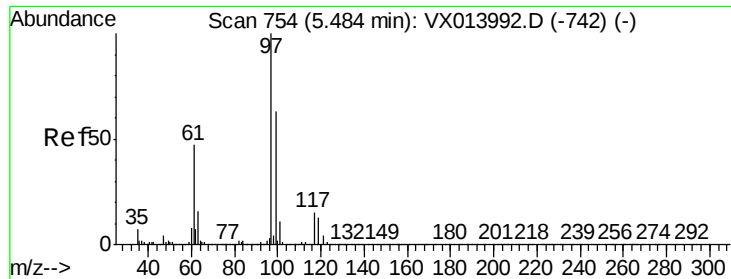
Delta R.T. -0.01 min

Lab File: VX014487.D

Acq: 09 Jan 2020 09:54

Tgt Ion:	43	Resp:	420271
Ion	Ratio	Lower	Upper
43	100		
57	8.2	6.2	9.2
72	25.6	20.3	30.5





#32

1,1,1-Trichloroethane

Concen: 21.071 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.01 min

Lab File: VX014487.D

Acq: 09 Jan 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

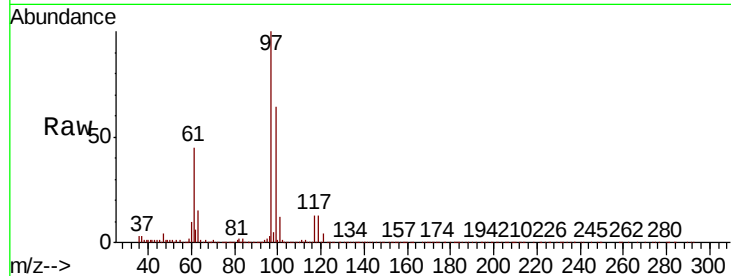
Tot Ion: 97 Resp: 149710

Ion Ratio Lower Upper

97 100

99 64.3 51.9 77.9

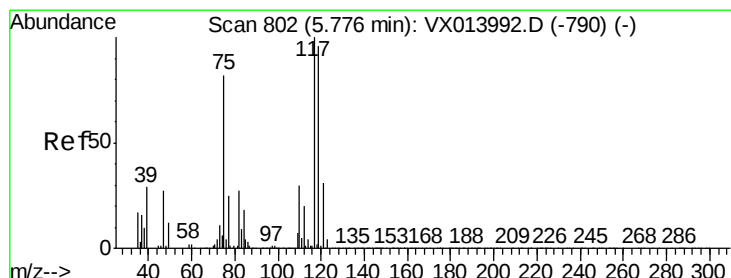
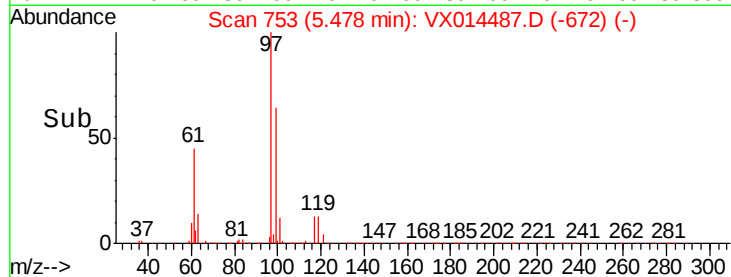
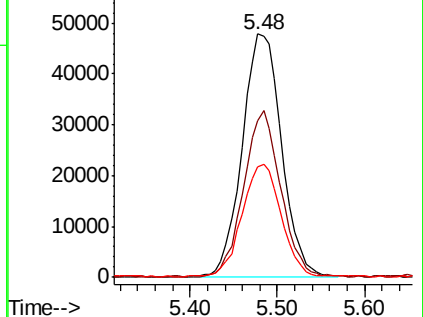
61 45.5 36.8 55.2



Abundance Ion 97.00 (96.70 to 97.70): VX0

Ion 99.00 (98.70 to 99.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#33

Carbon Tetrachloride

Concen: 21.289 ug/l

RT: 5.77 min Scan# 801

Delta R.T. -0.01 min

Lab File: VX014487.D

Acq: 09 Jan 2020 09:54

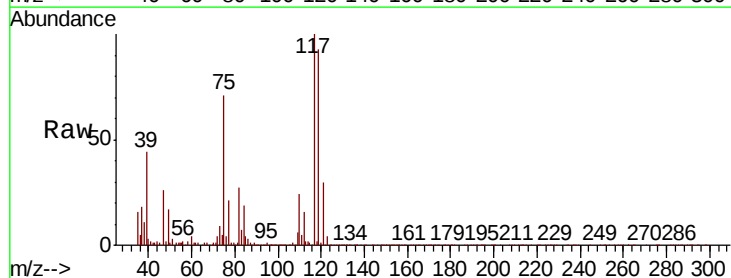
Tgt Ion: 117 Resp: 128584

Ion Ratio Lower Upper

117 100

119 93.1 77.2 115.8

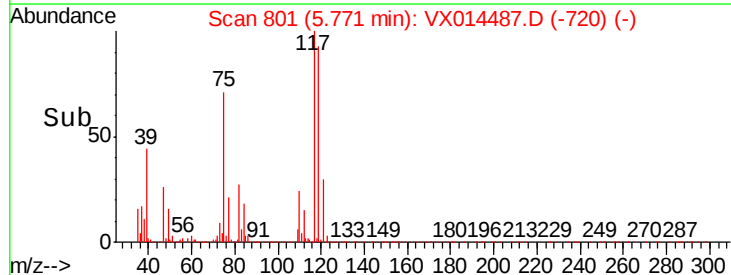
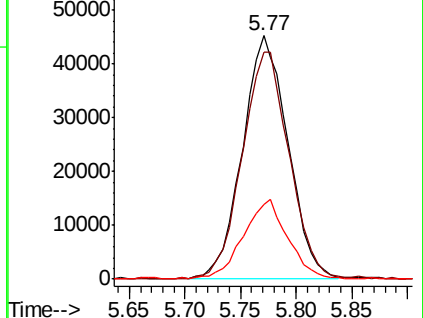
121 30.1 24.8 37.2

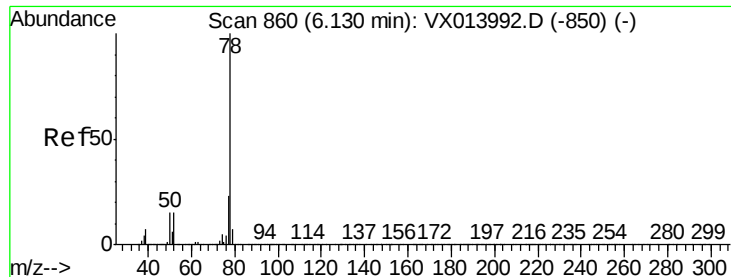


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V





#34

Benzene

Concen: 21.228 ug/l

RT: 6.13 min Scan# 860

Delta R.T. 0.00 min

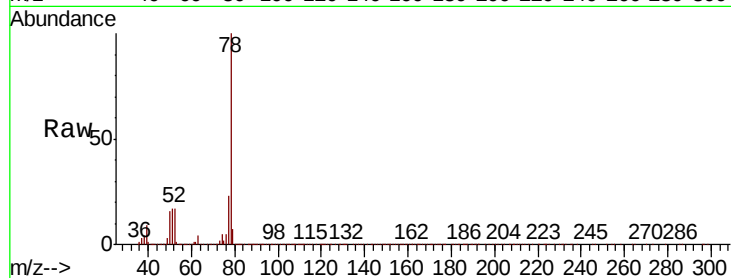
Lab File: VX014487.D

Acq: 09 Jan 2020 09:54

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 78 Resp: 425194

Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.2	27.2
51	15.7	12.4	18.6

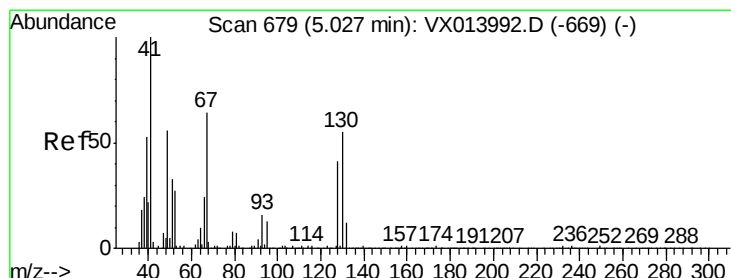
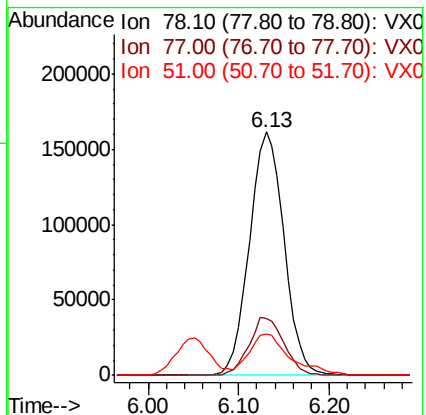
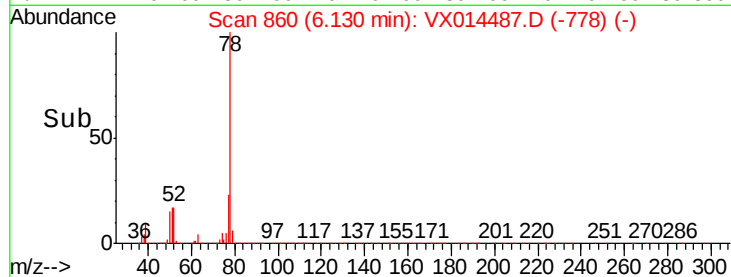


Abundance

Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#35

Methacrylonitrile

Concen: 19.826 ug/l

RT: 5.03 min Scan# 679

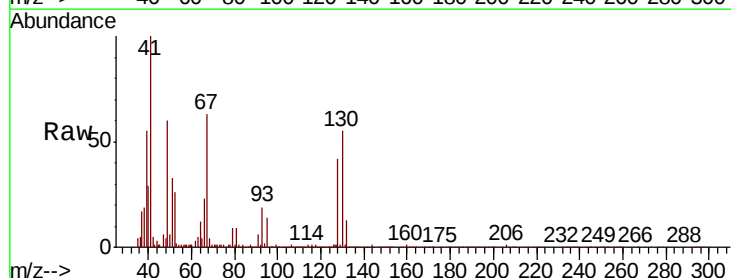
Delta R.T. 0.00 min

Lab File: VX014487.D

Acq: 09 Jan 2020 09:54

Tgt Ion: 41 Resp: 80736

Ion	Ratio	Lower	Upper
41	100		
39	55.2	26.7	80.1
67	62.5	31.5	94.5
52	24.8	12.8	38.4



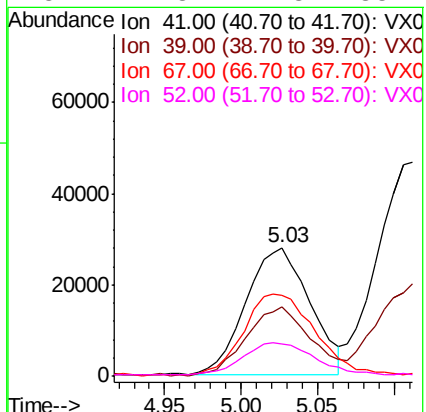
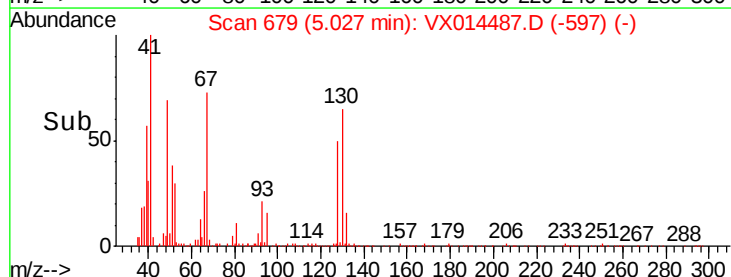
Abundance

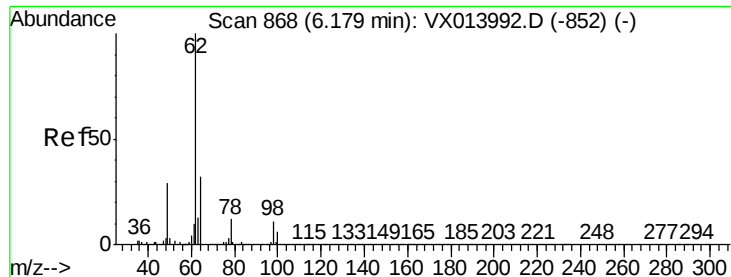
Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0





#36

1,2-Dichloroethane

Concen: 20.352 ug/l

RT: 6.18 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX014487.D

Acq: 09 Jan 2020 09:54

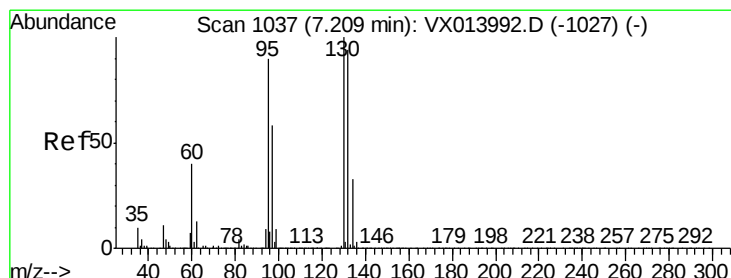
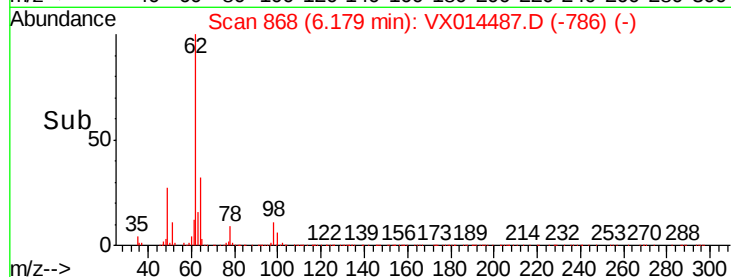
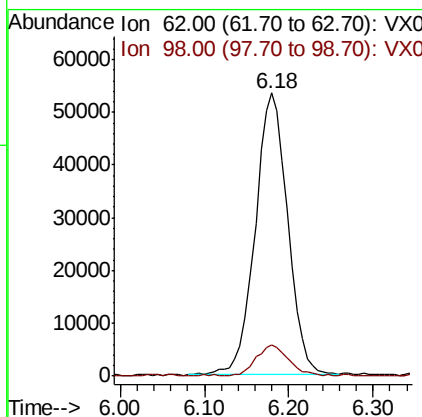
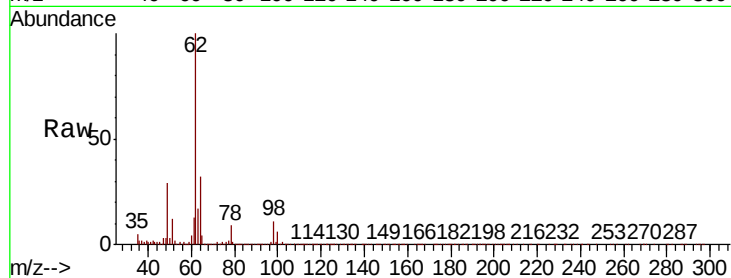
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 62 Resp: 141604

Ion Ratio Lower Upper

62 100

98 10.7 8.4 12.6



#37

Trichloroethene

Concen: 21.624 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX014487.D

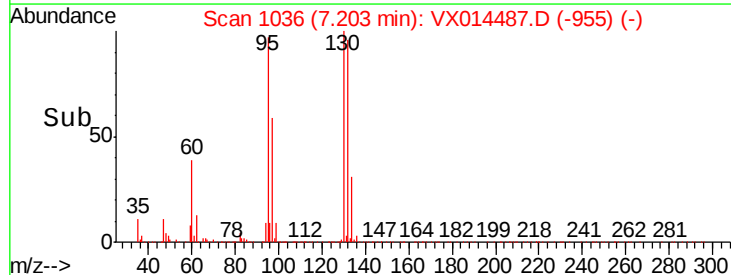
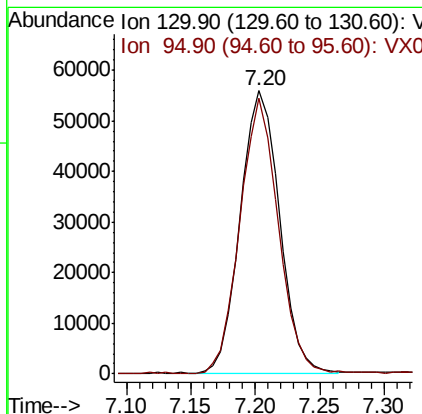
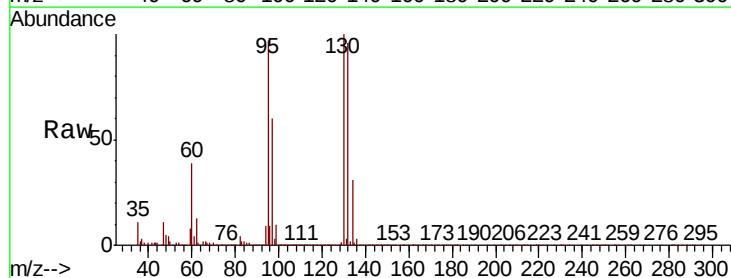
Acq: 09 Jan 2020 09:54

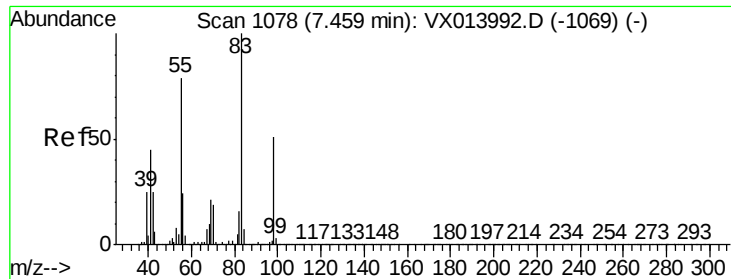
Tgt Ion:130 Resp: 117857

Ion Ratio Lower Upper

130 100

95 97.3 71.7 107.5

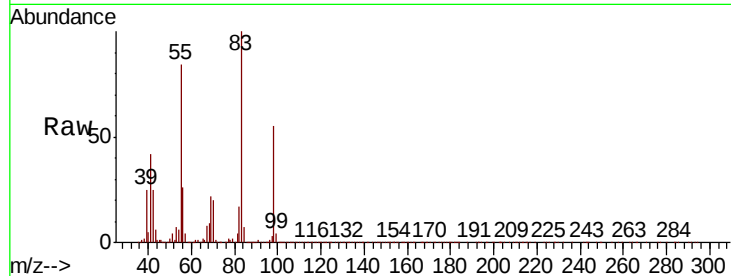




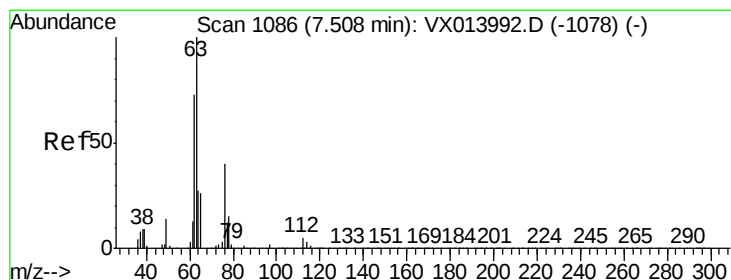
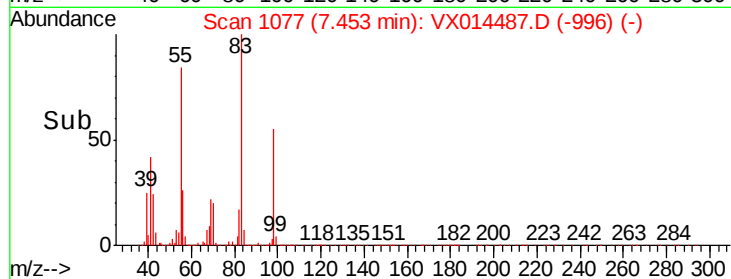
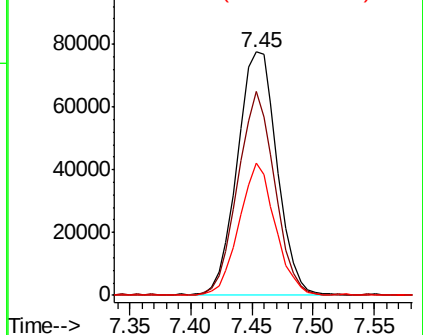
#38
Methylcyclohexane
Concen: 22.675 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX014487.D
Acq: 09 Jan 2020 09:54

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 83 Resp: 173745
Ion Ratio Lower Upper
83 100
55 77.4 39.4 118.1
98 49.7 25.1 75.3

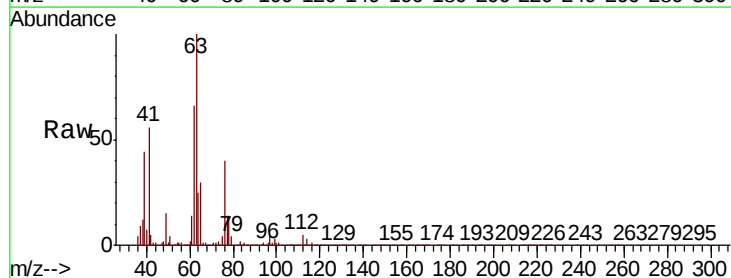


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

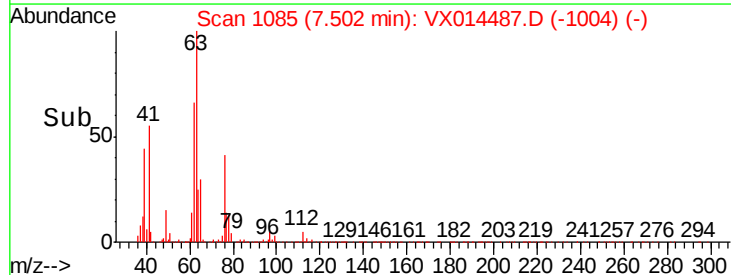
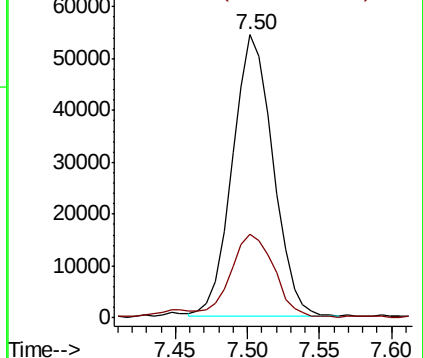


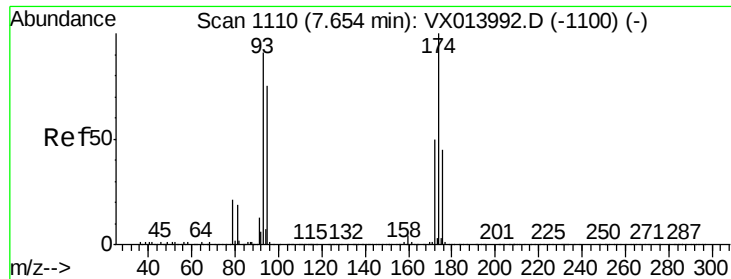
#39
1,2-Dichloropropane
Concen: 20.538 ug/l
RT: 7.50 min Scan# 1085
Delta R.T. -0.01 min
Lab File: VX014487.D
Acq: 09 Jan 2020 09:54

Tgt Ion: 63 Resp: 106845
Ion Ratio Lower Upper
63 100
65 29.7 22.1 33.1



Abundance Ion 63.00 (62.70 to 63.70): VX0
Ion 65.00 (64.70 to 65.70): VX0





#40

Dibromomethane

Concen: 20.814 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX014487.D

Acq: 09 Jan 2020 09:54

Instrument :

MSVOA_X

ClientSampled :

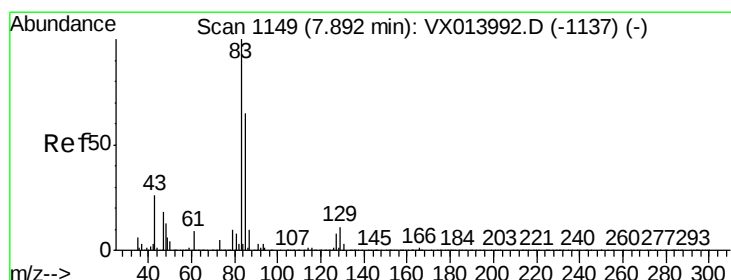
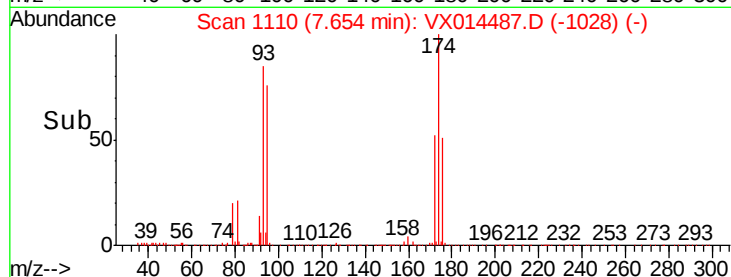
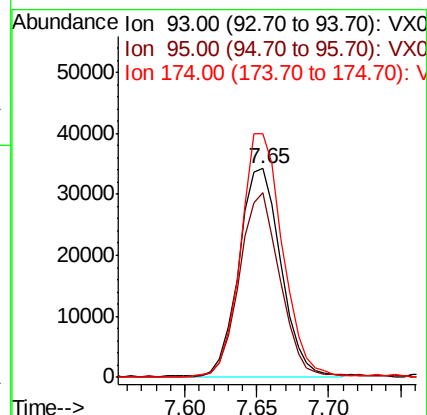
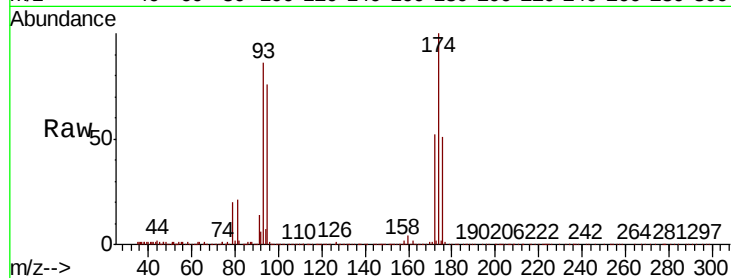
Tot Ion: 93 Resp: 69172

Ion Ratio Lower Upper

93 100

95 85.2 0.0 164.4

174 116.9 0.0 228.8



#41

Bromodichloromethane

Concen: 21.168 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX014487.D

Acq: 09 Jan 2020 09:54

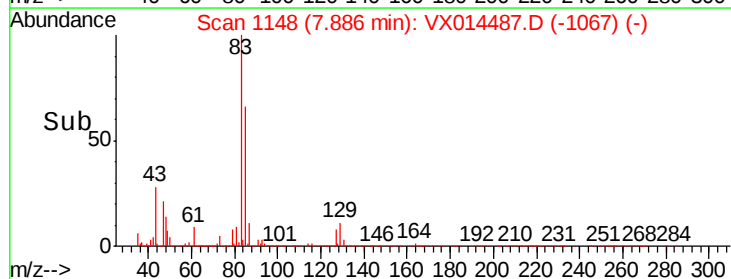
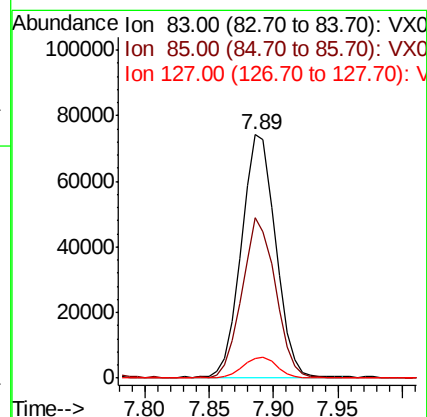
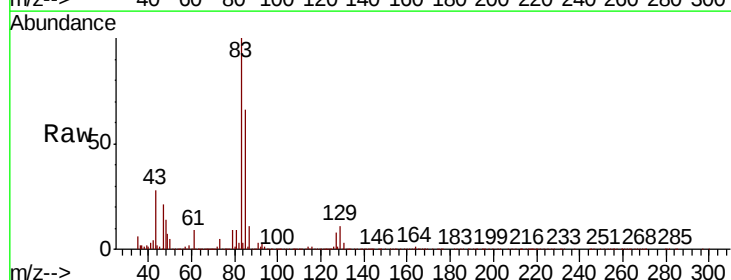
Tgt Ion: 83 Resp: 136216

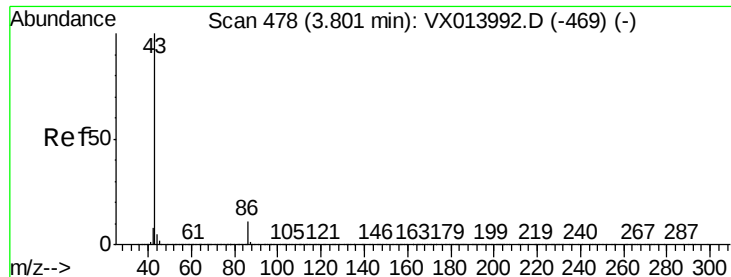
Ion Ratio Lower Upper

83 100

85 65.9 51.6 77.4

127 7.7 6.0 9.0





#42

Vinyl Acetate

Concen: 106.545 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX014487.D

Acq: 09 Jan 2020 09:54

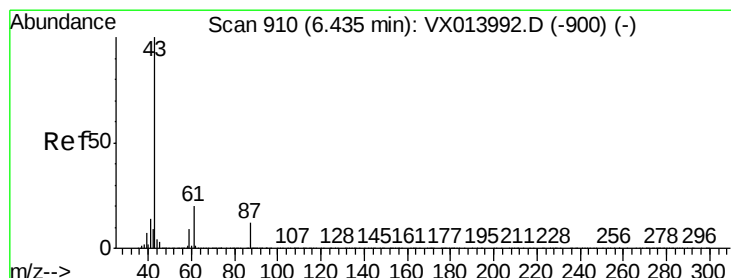
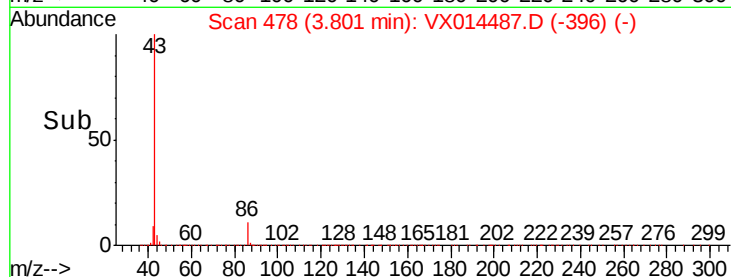
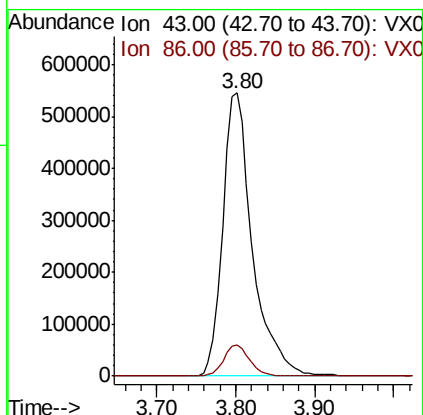
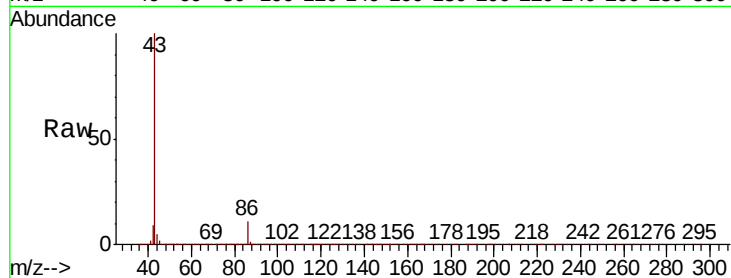
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 1424265

Ion Ratio Lower Upper

43 100

86 9.6 7.7 11.5



#44

Isopropyl Acetate

Concen: 20.223 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX014487.D

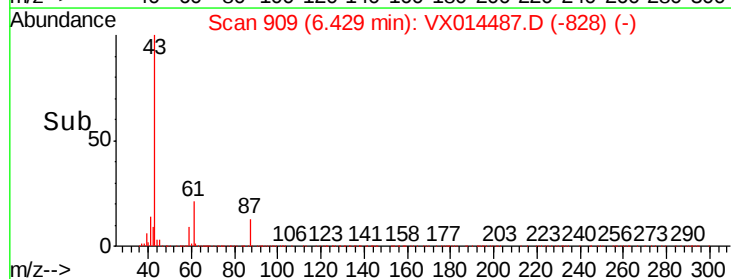
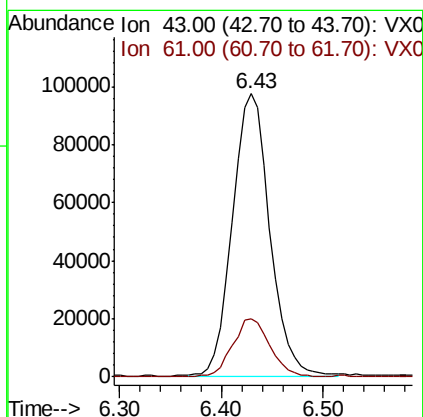
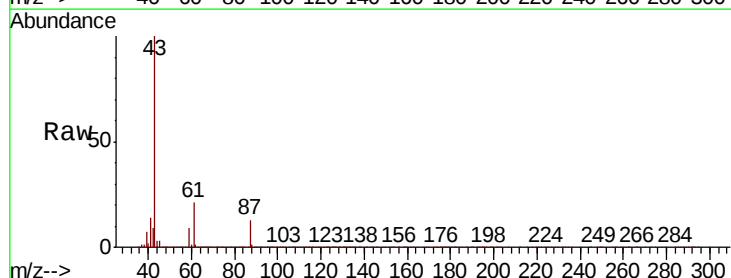
Acq: 09 Jan 2020 09:54

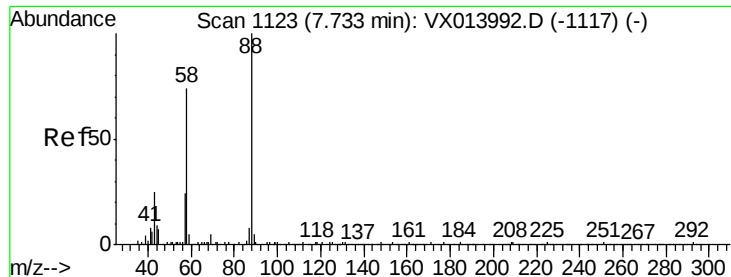
Tgt Ion: 43 Resp: 246079

Ion Ratio Lower Upper

43 100

61 20.5 15.9 23.9





#45

1,4-Dioxane

Concen: 462.648 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX014487.D

Acq: 09 Jan 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

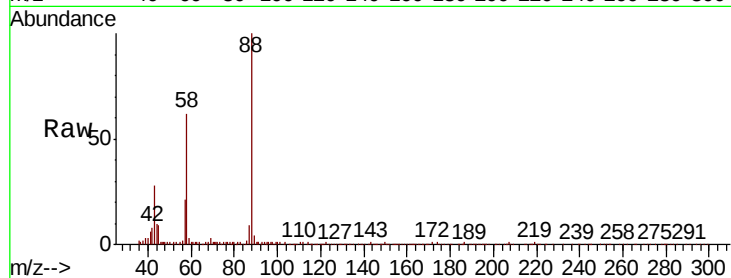
Tot Ion: 88 Resp: 52719

Ion Ratio Lower Upper

88 100

43 32.0 25.4 38.2

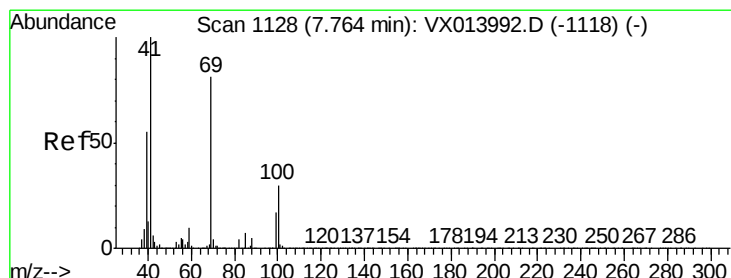
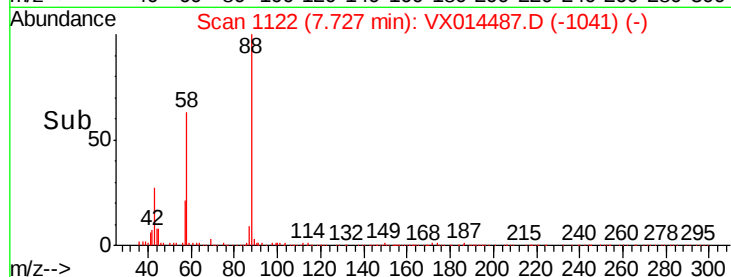
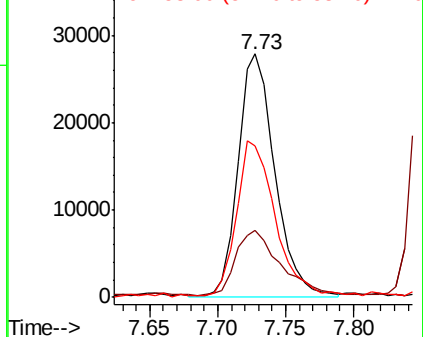
58 65.9 56.5 84.7



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



#46

Methyl methacrylate

Concen: 20.065 ug/l

RT: 7.76 min Scan# 1127

Delta R.T. -0.01 min

Lab File: VX014487.D

Acq: 09 Jan 2020 09:54

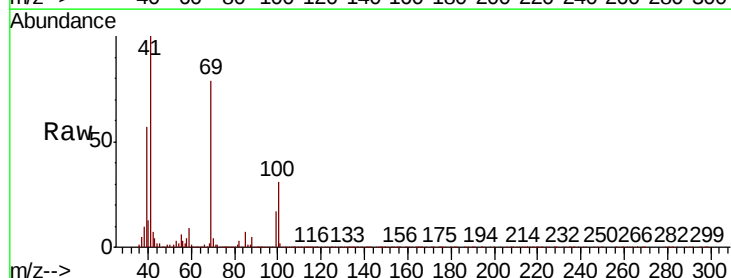
Tgt Ion: 41 Resp: 118593

Ion Ratio Lower Upper

41 100

69 79.0 40.6 122.0

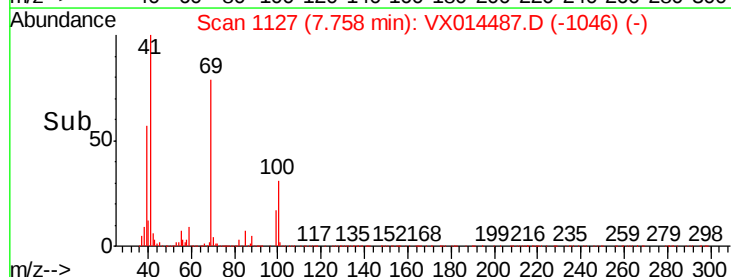
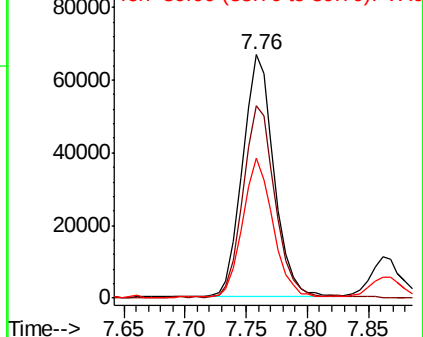
39 57.0 27.8 83.3

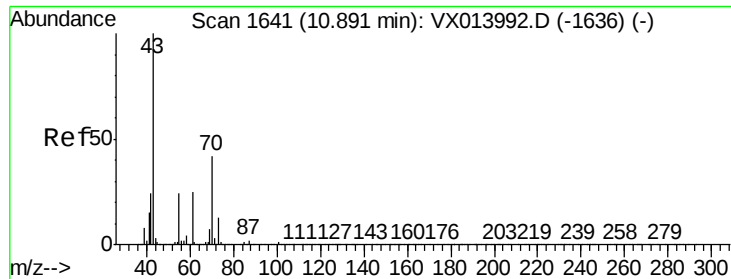


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#47

n-amvl Acetate

Concen: 19.109 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014487.D

Acq: 09 Jan 2020 09:54

Instrument :

MSVOA_X

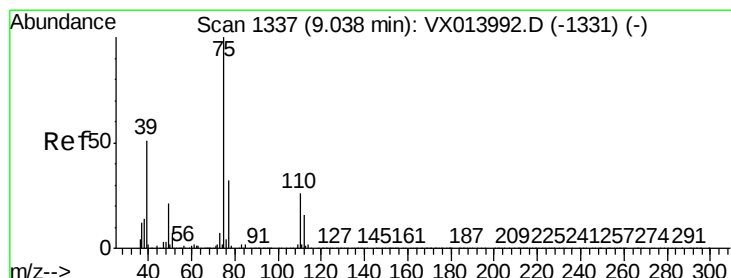
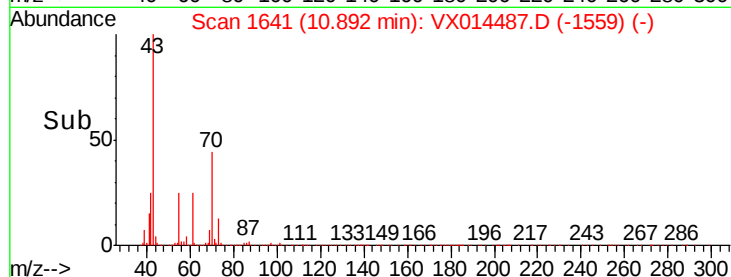
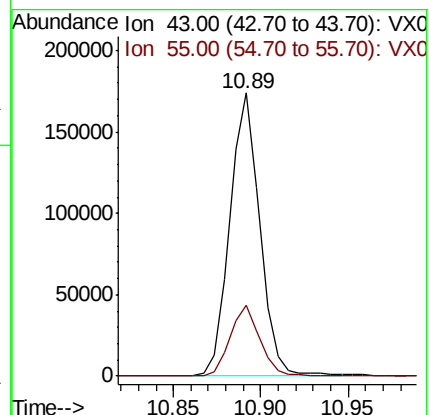
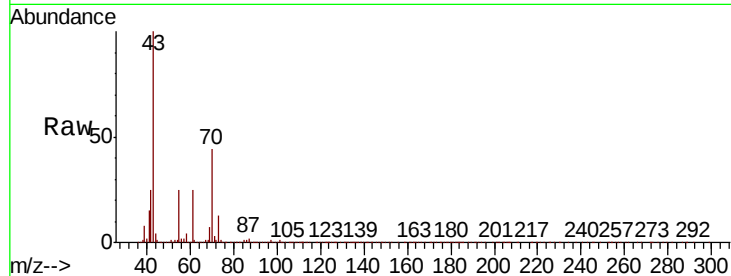
ClientSampleId :

Tot Ion: 43 Resp: 206750

Ion Ratio Lower Upper

43 100

55 25.1 19.4 29.2



#48

t-1,3-Dichloropropene

Concen: 21.642 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX014487.D

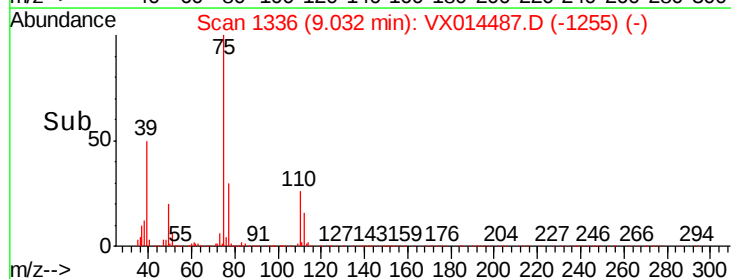
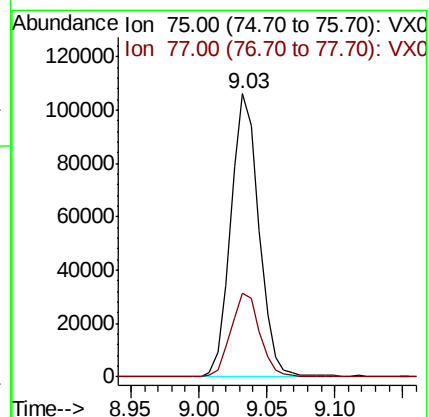
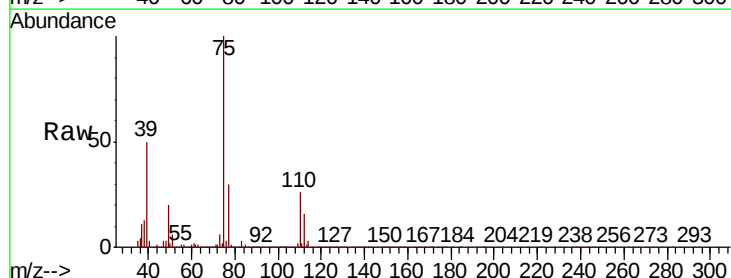
Acq: 09 Jan 2020 09:54

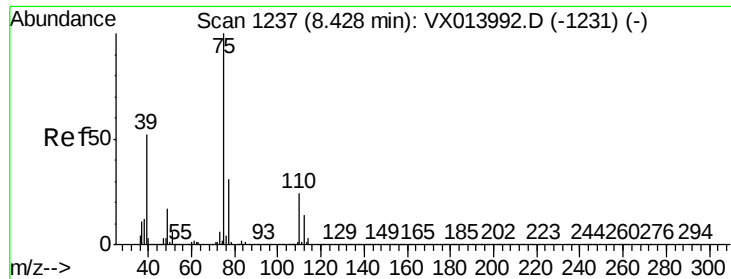
Tgt Ion: 75 Resp: 152002

Ion Ratio Lower Upper

75 100

77 29.6 26.0 39.0



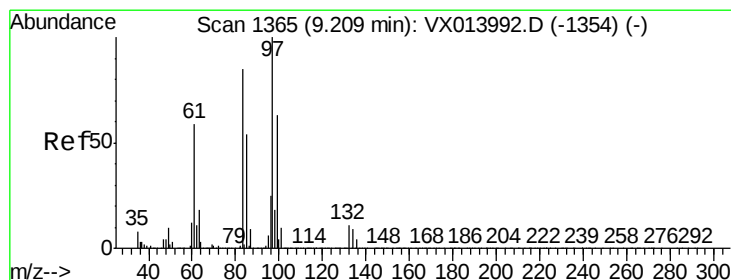
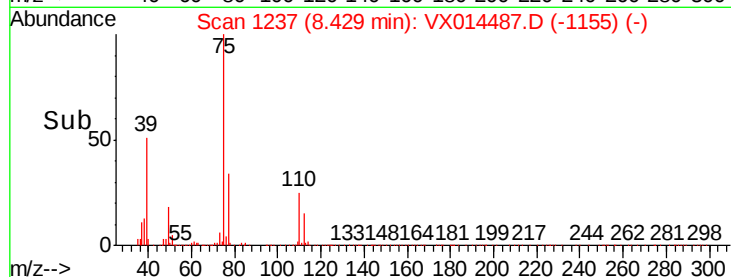
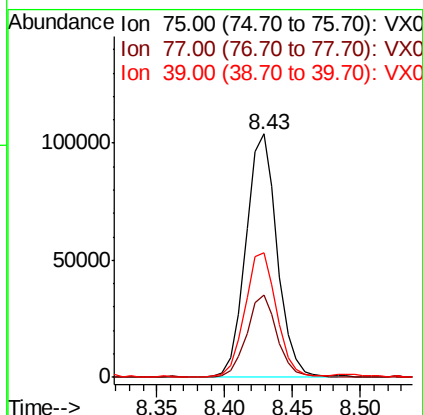
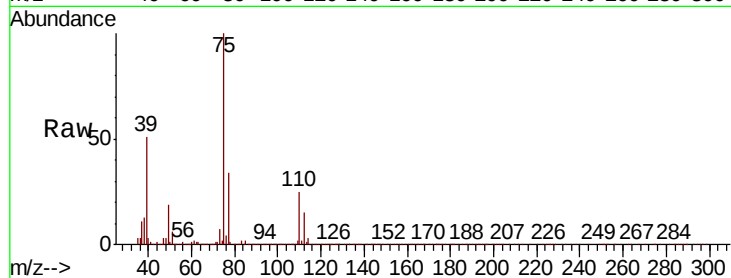


#49

cis-1,3-Dichloropropene
 Concen: 21.112 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX014487.D
 Acq: 09 Jan 2020 09:54

Instrument :
 MSVOA_X
 ClientSampleId :

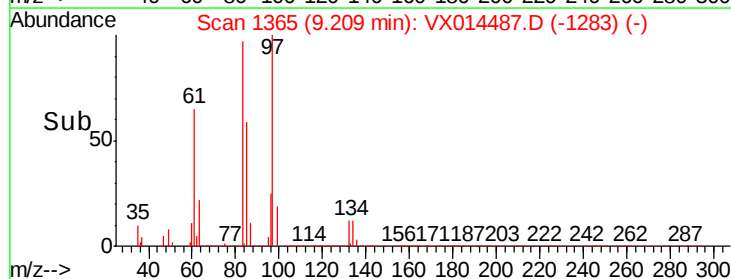
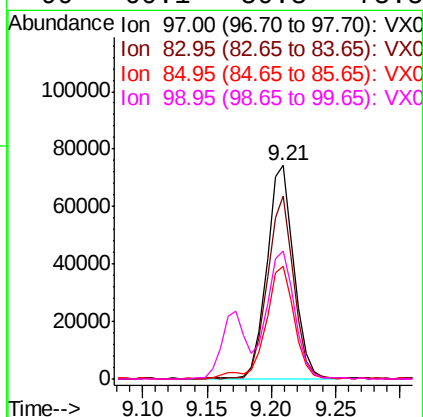
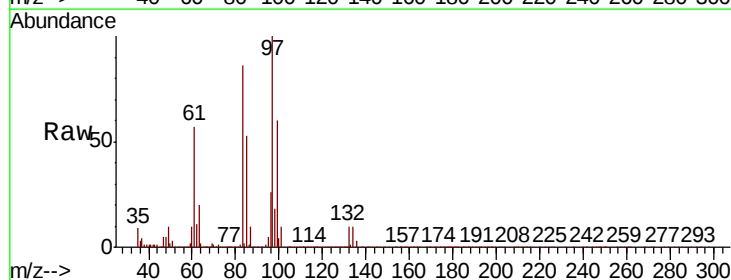
Tot Ion	Ratio	Lower	Upper
75	100		
77	33.7	24.8	37.2
39	50.9	41.1	61.7

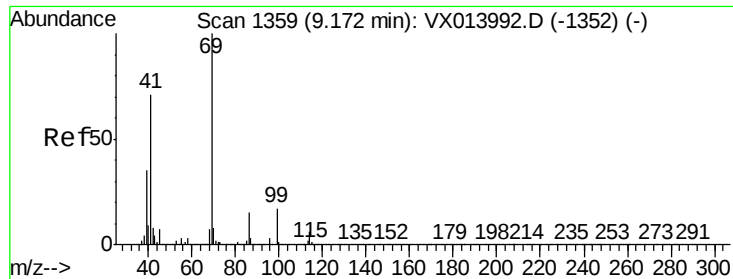


#50

1,1,2-Trichloroethane
 Concen: 20.968 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX014487.D
 Acq: 09 Jan 2020 09:54

Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.8	68.1	102.1
85	52.5	42.7	64.1
99	60.1	50.3	75.5





#51

Ethyl methacrylate

Concen: 20.145 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX014487.D

Acq: 09 Jan 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

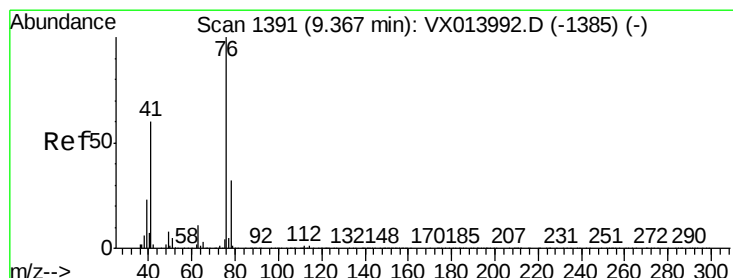
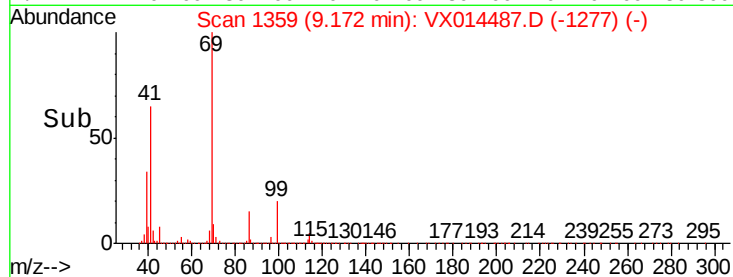
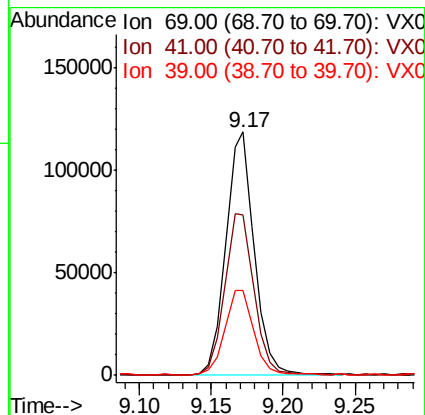
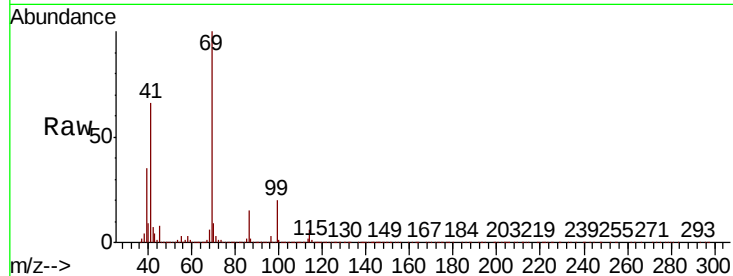
Tot Ion: 69 Resp: 164347

Ion Ratio Lower Upper

69 100

41 65.6 35.4 106.1

39 34.4 17.8 53.3



#52

1,3-Dichloropropane

Concen: 20.559 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX014487.D

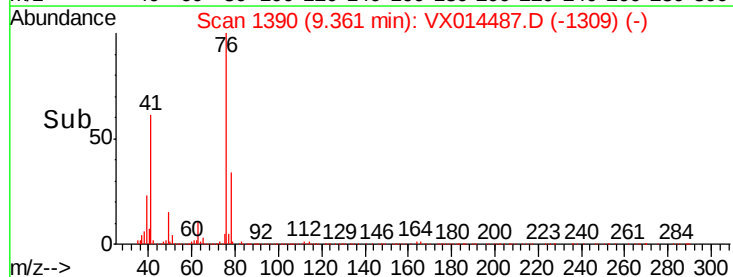
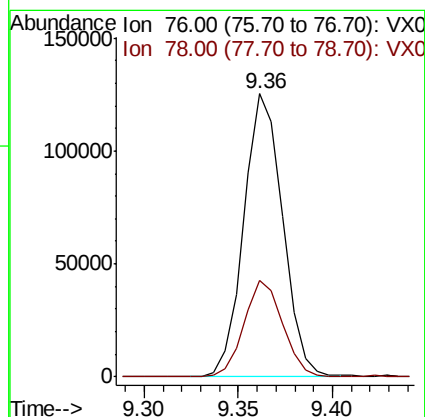
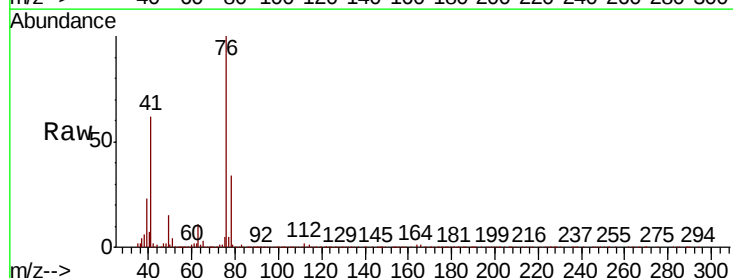
Acq: 09 Jan 2020 09:54

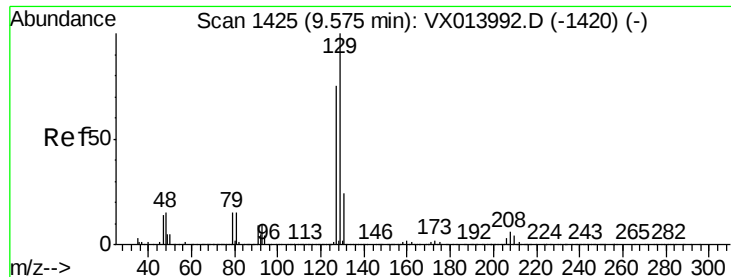
Tgt Ion: 76 Resp: 179147

Ion Ratio Lower Upper

76 100

78 33.6 0.0 63.4





#53

Dibromochloromethane

Concen: 21.400 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. 0.00 min

Lab File: VX014487.D

Acq: 09 Jan 2020 09:54

Instrument :

MSVOA_X

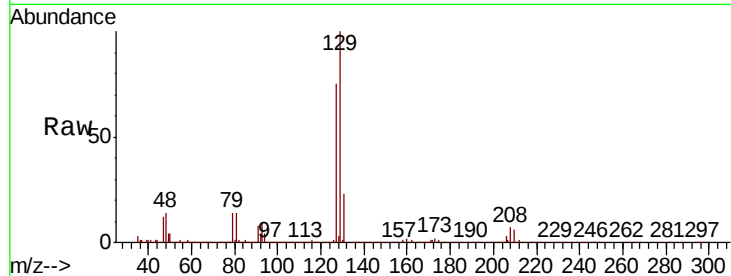
ClientSampleId :

Tot Ion:129 Resp: 109750

Ion Ratio Lower Upper

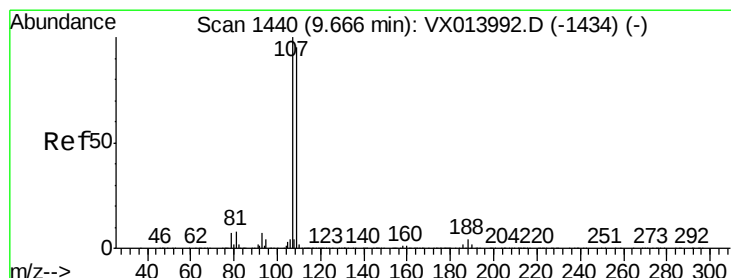
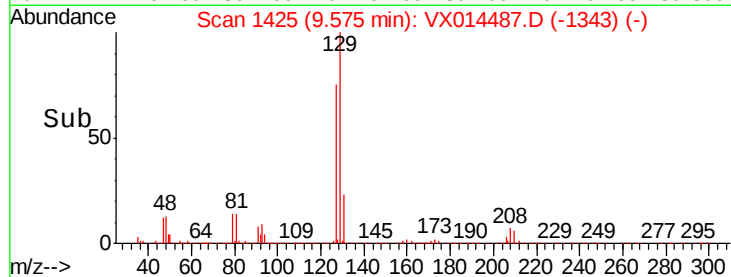
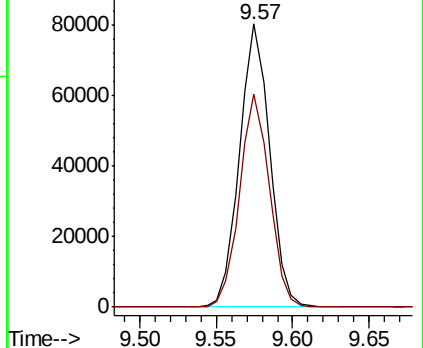
129 100

127 73.9 39.1 117.5



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 20.965 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014487.D

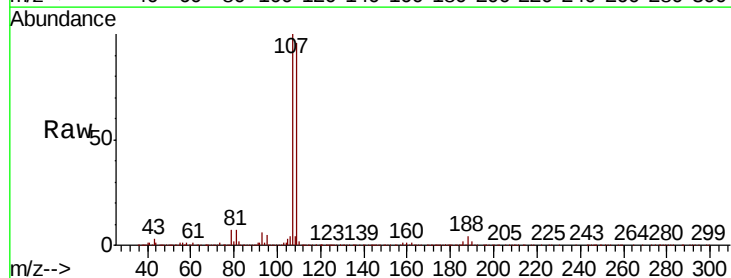
Acq: 09 Jan 2020 09:54

Tgt Ion:107 Resp: 110713

Ion Ratio Lower Upper

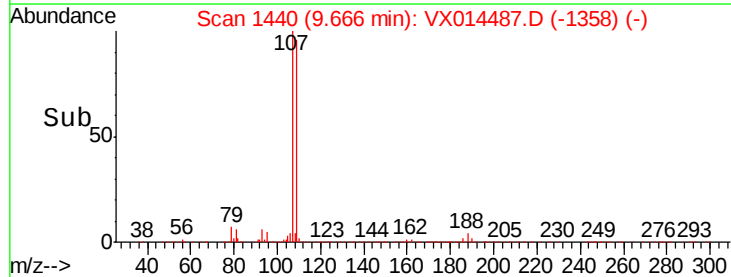
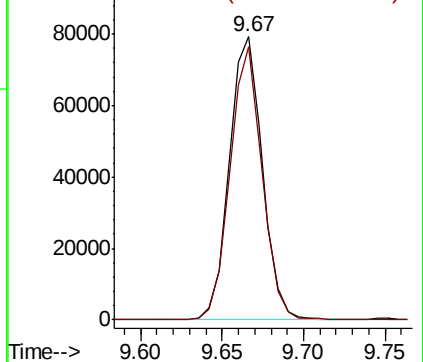
107 100

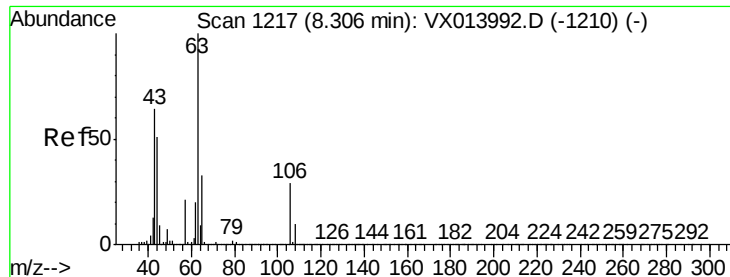
109 93.8 77.2 115.8



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

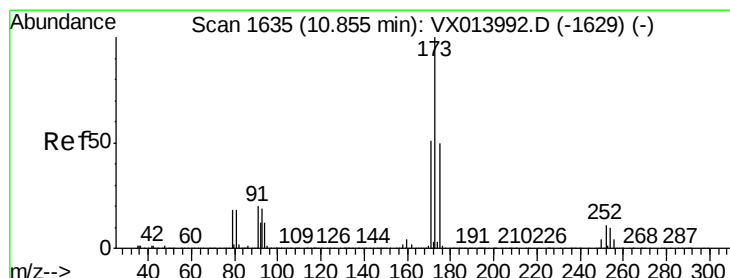
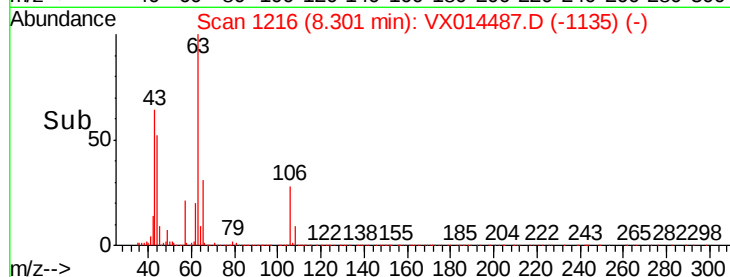
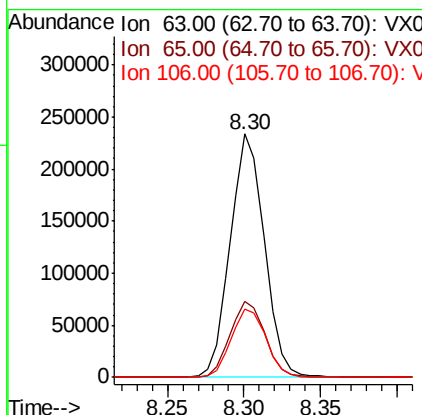
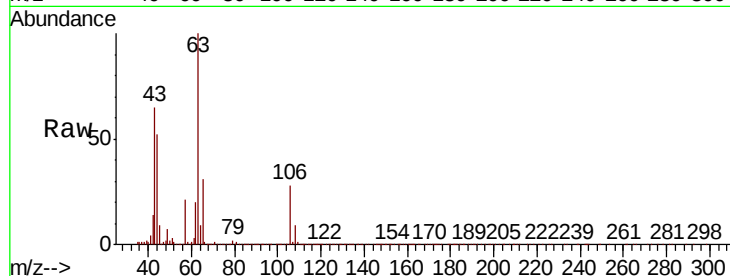




#55
2-Chloroethyl vinyl ether
Concen: 100.356 ug/l
RT: 8.30 min Scan# 1216
Delta R.T. -0.01 min
Lab File: VX014487.D
Acq: 09 Jan 2020 09:54

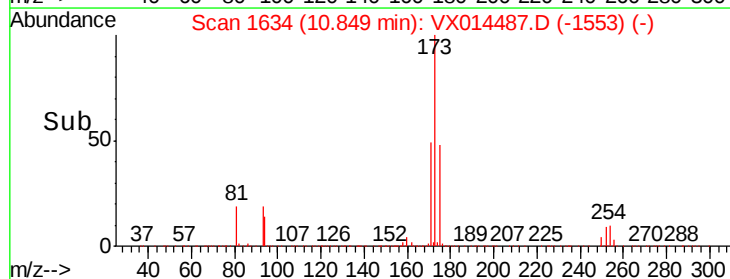
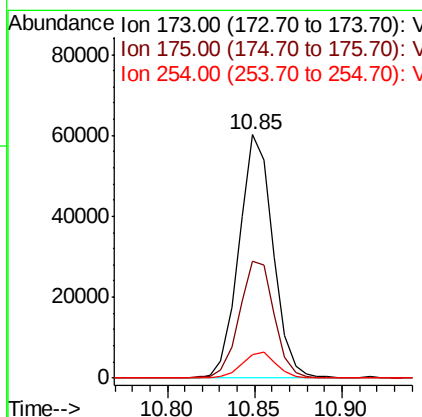
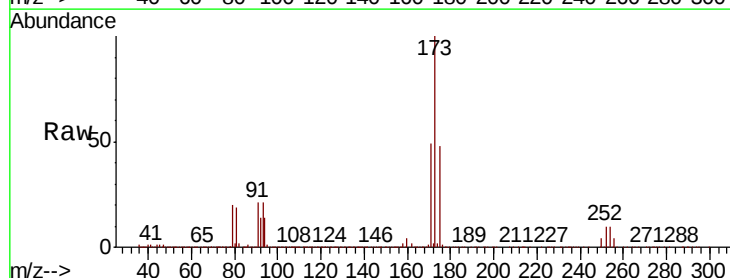
Instrument :
MSVOA_X
ClientSampleId :

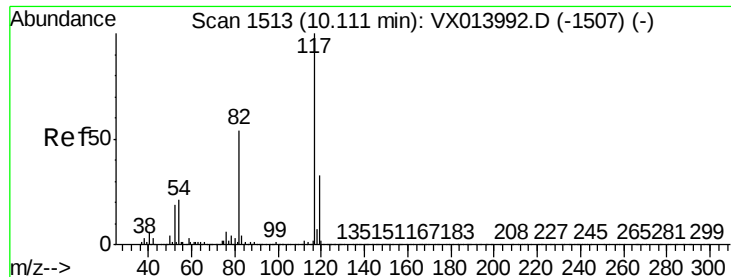
Tot Ion	Ratio	Lower	Upper
63	100		
65	31.7	25.8	38.6
106	28.7	22.9	34.3



#56
Bromoform
Concen: 20.170 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX014487.D
Acq: 09 Jan 2020 09:54

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.4	39.5	59.3
254	10.7	8.2	12.4

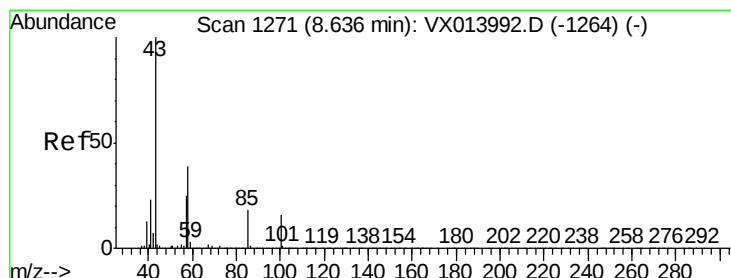
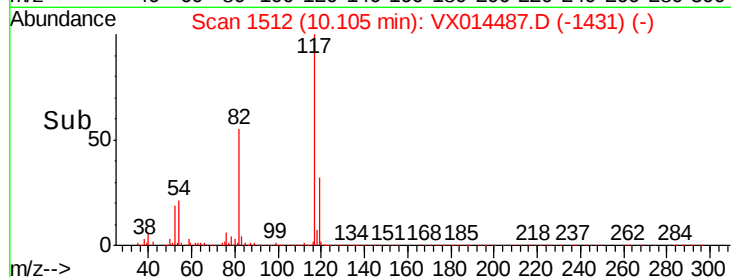
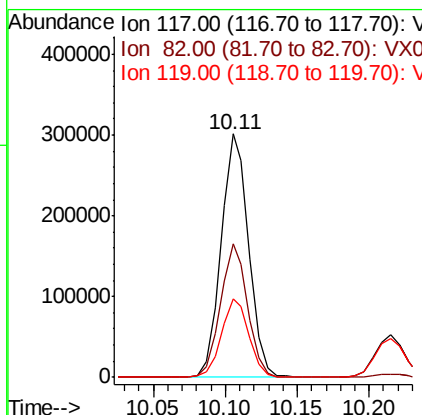
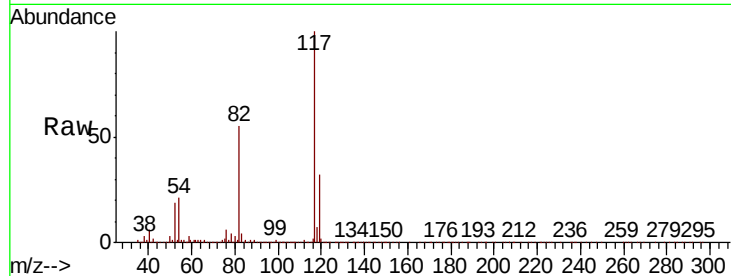




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX014487.D
Acq: 09 Jan 2020 09:54

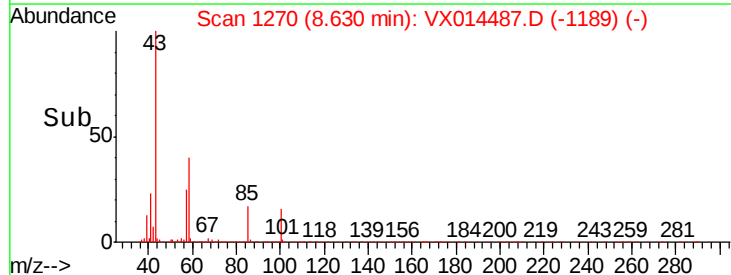
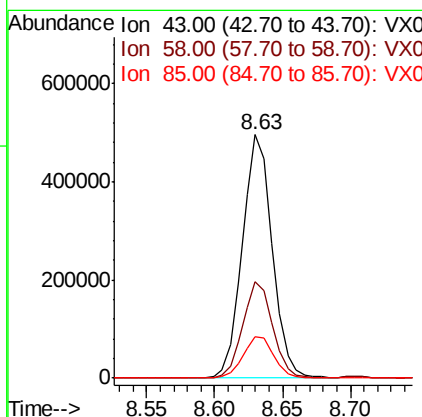
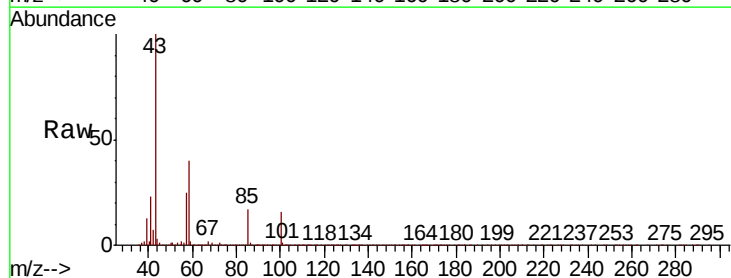
Instrument :
MSVOA_X
ClientSampleId :

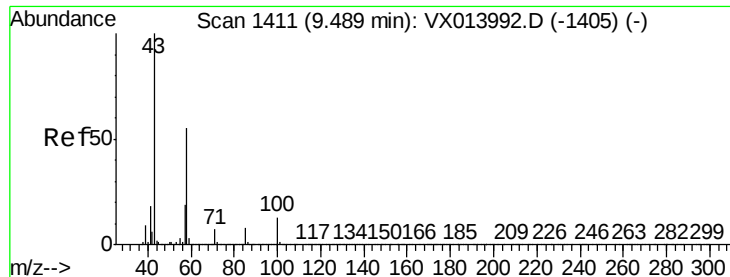
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.7	43.8	65.6
119	32.2	25.8	38.6



#58
4-Methyl-2-Pentanone
Concen: 100.361 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX014487.D
Acq: 09 Jan 2020 09:54

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.5	31.2	46.8
85	17.5	14.2	21.2

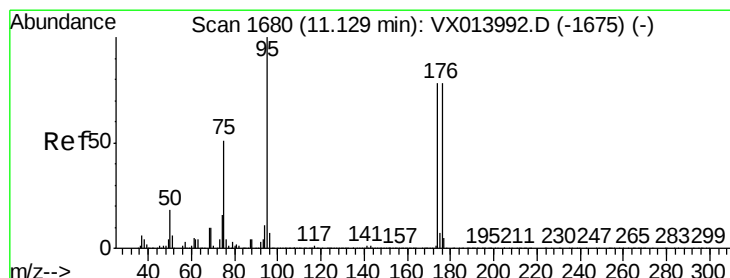
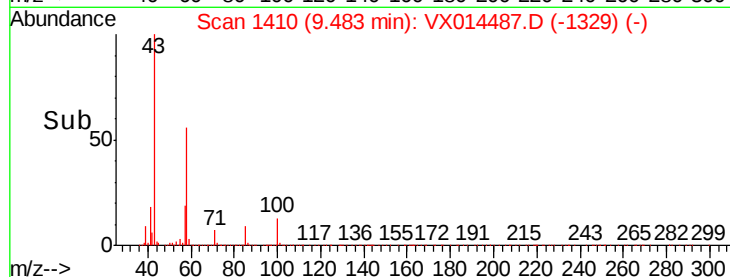
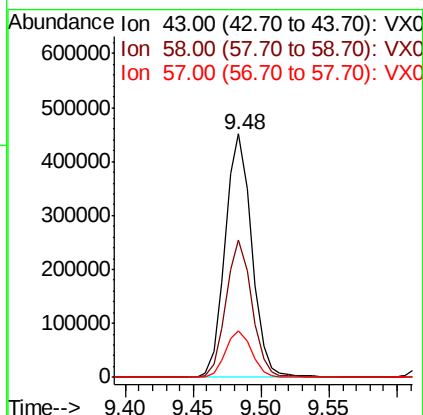
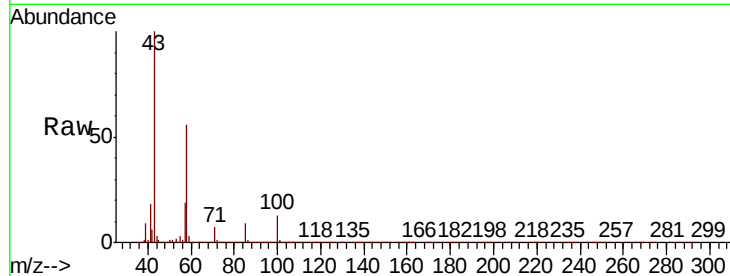




#59
2-Hexanone
Concen: 106.167 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014487.D
Acq: 09 Jan 2020 09:54

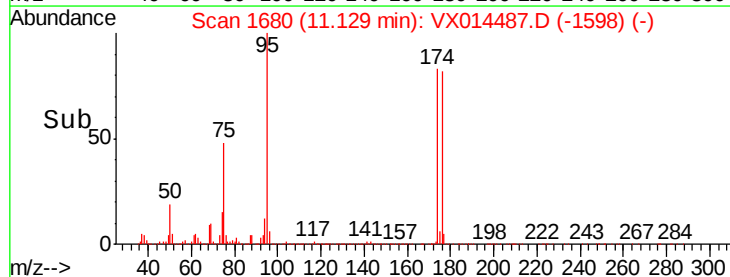
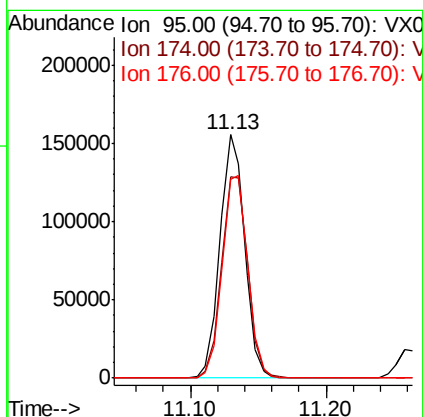
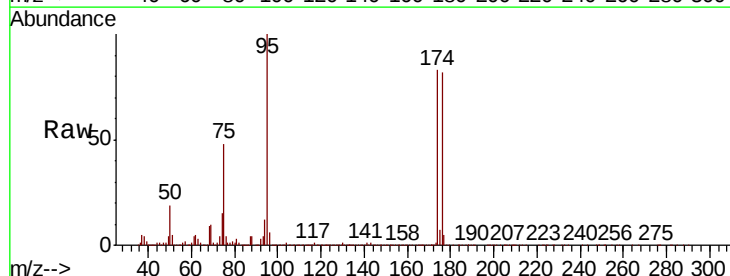
Instrument :
MSVOA_X
ClientSampleId :

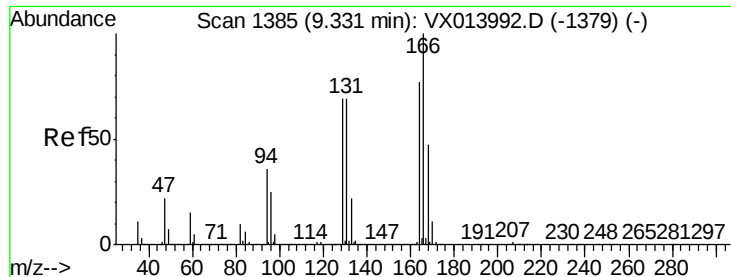
Tot Ion	Ratio	Lower	Upper
43	100		
58	55.1	43.8	65.6
57	19.0	15.4	23.0



#60
4-Bromofluorobenzene
Concen: 29.983 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX014487.D
Acq: 09 Jan 2020 09:54

Tgt Ion	Ratio	Lower	Upper
95	100		
174	87.1	70.2	105.2
176	85.6	68.3	102.5





#61

Tetrachloroethene

Concen: 24.229 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX014487.D

Acq: 09 Jan 2020 09:54

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:164 Resp: 129922

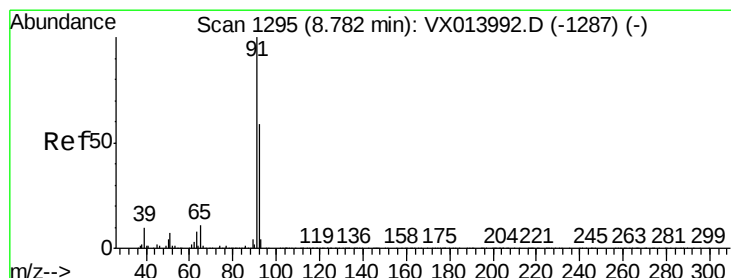
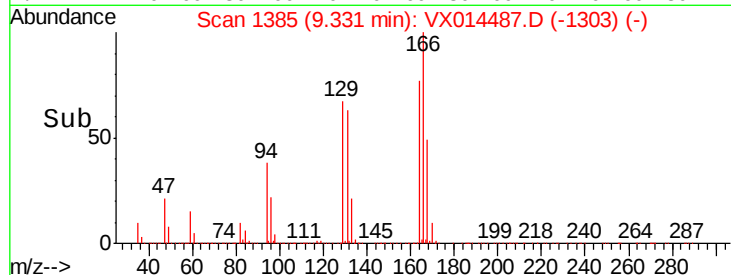
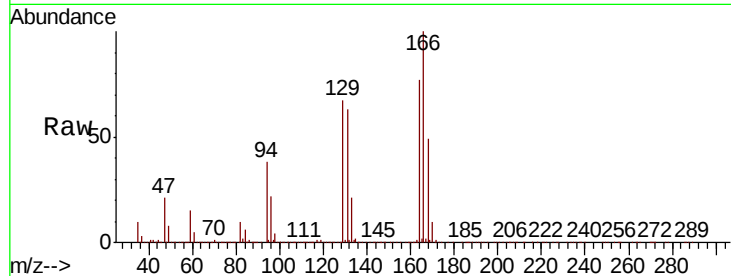
Ion Ratio Lower Upper

164 100

166 129.7 104.2 156.2

129 87.0 71.6 107.4

131 81.2 71.7 107.5



#62

Toluene

Concen: 21.141 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VX014487.D

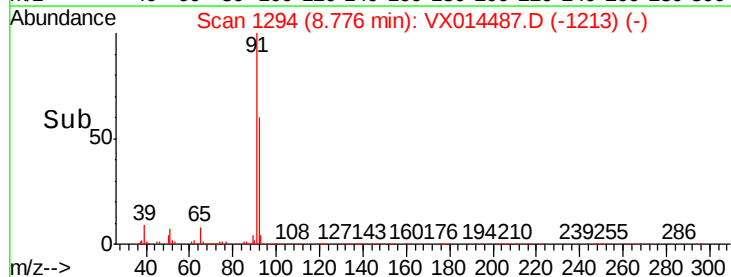
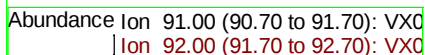
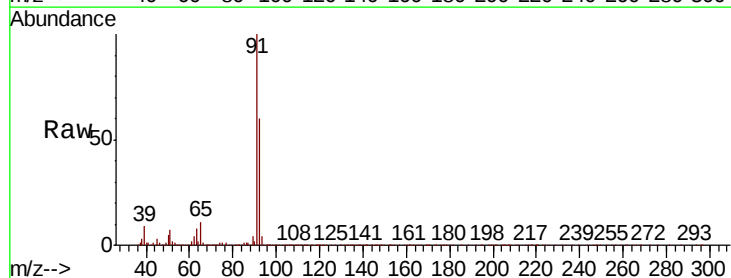
Acq: 09 Jan 2020 09:54

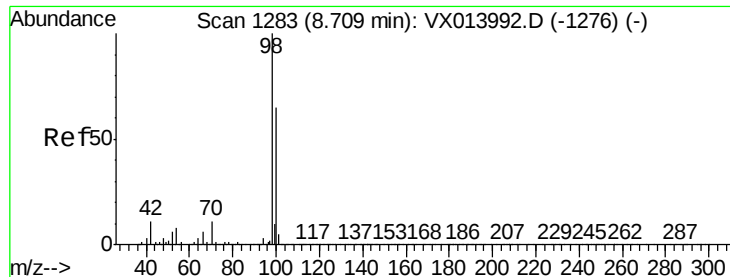
Tgt Ion: 91 Resp: 455758

Ion Ratio Lower Upper

91 100

92 58.4 46.4 69.6





#63

Toluene-d8

Concen: 29.972 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014487.D

Acq: 09 Jan 2020 09:54

Instrument :

MSVOA_X

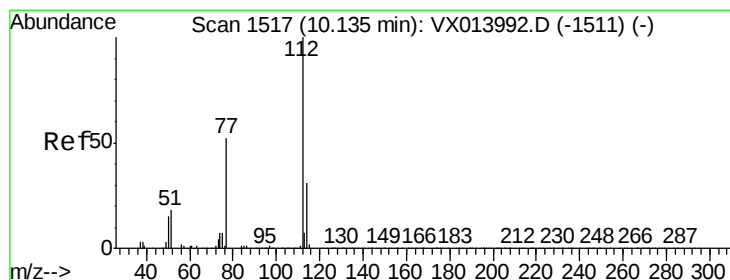
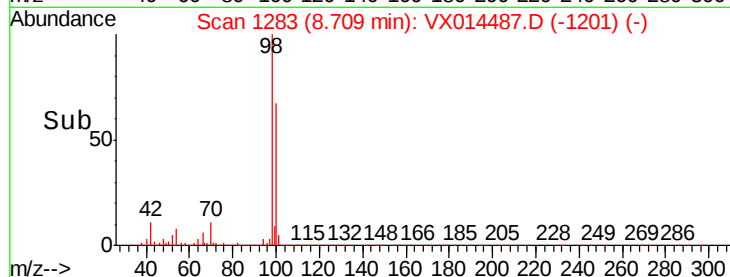
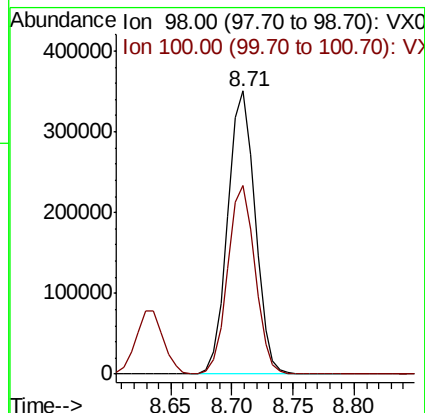
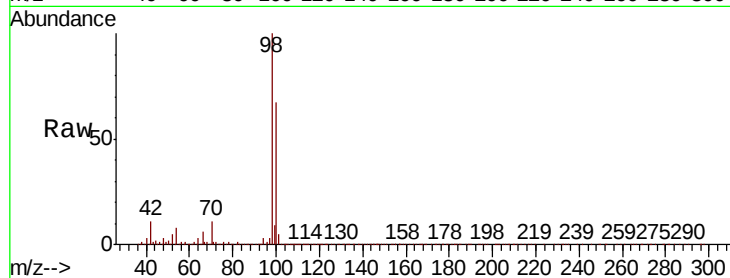
ClientSampleId :

Tot Ion: 98 Resp: 543052

Ion Ratio Lower Upper

98 100

100 66.4 52.2 78.2



#64

Chlorobenzene

Concen: 21.290 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX014487.D

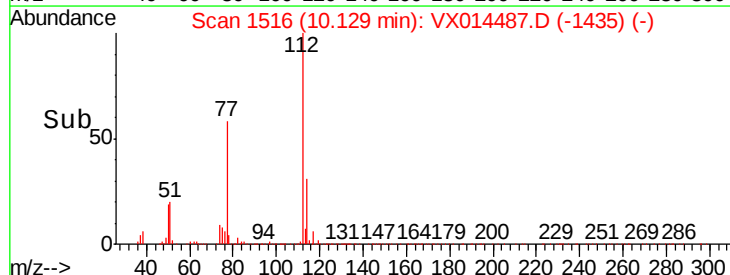
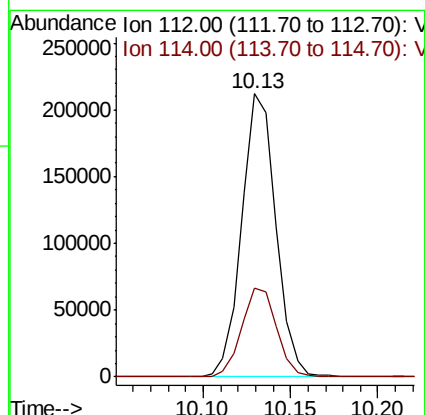
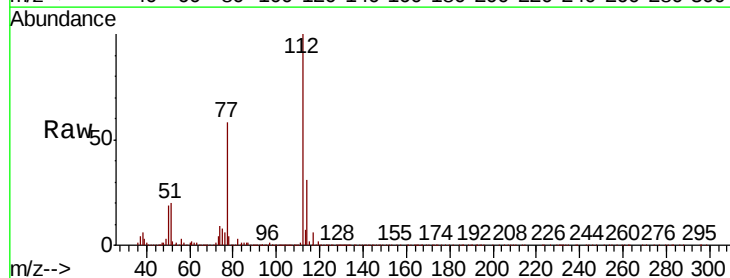
Acq: 09 Jan 2020 09:54

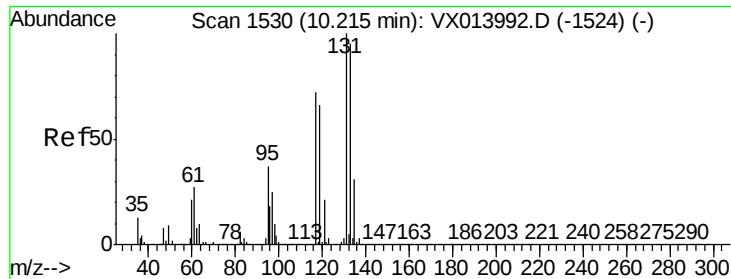
Tgt Ion: 112 Resp: 287558

Ion Ratio Lower Upper

112 100

114 31.2 24.4 36.6





#65

1,1,1,2-Tetrachloroethane

Concen: 20.804 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014487.D

Acq: 09 Jan 2020 09:54

Instrument :

MSVOA_X

ClientSampled :

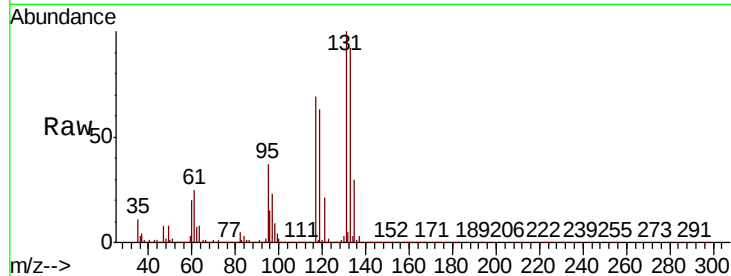
Tot Ion:131 Resp: 104047

Ion Ratio Lower Upper

131 100

133 94.5 0.0 189.8

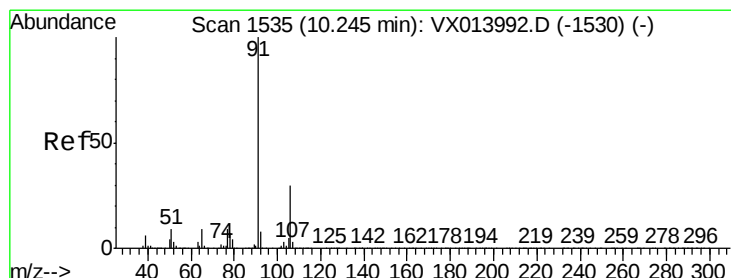
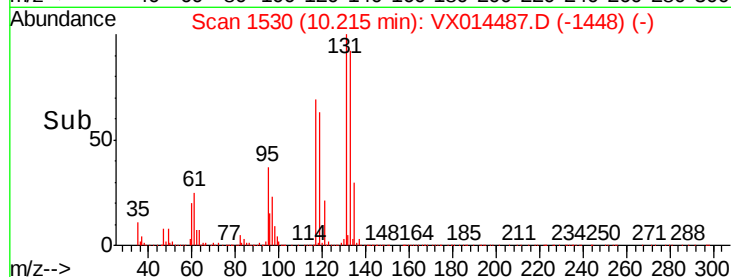
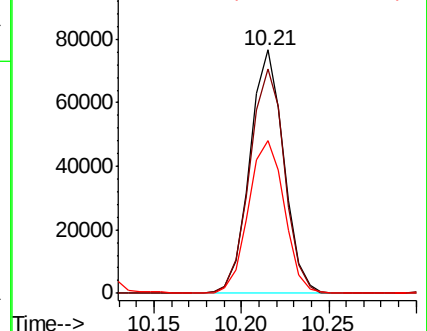
119 65.6 0.0 132.2



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 21.291 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX014487.D

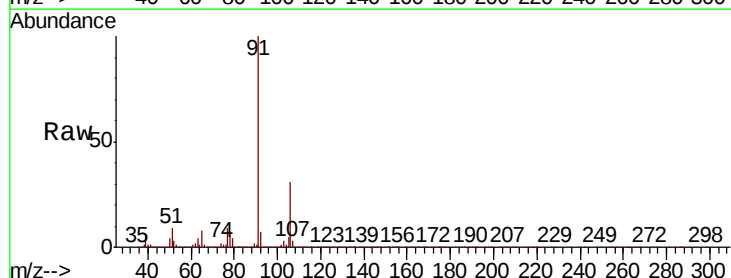
Acq: 09 Jan 2020 09:54

Tgt Ion: 91 Resp: 502323

Ion Ratio Lower Upper

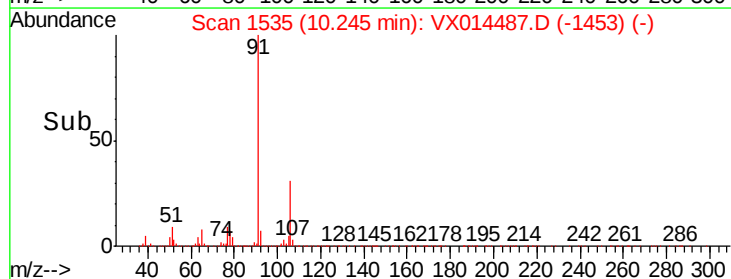
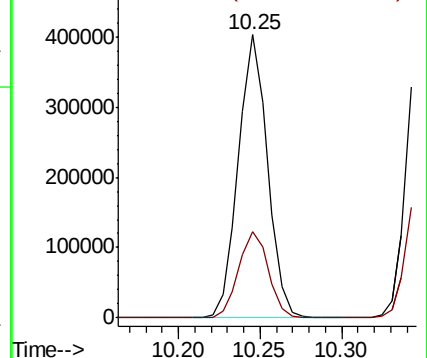
91 100

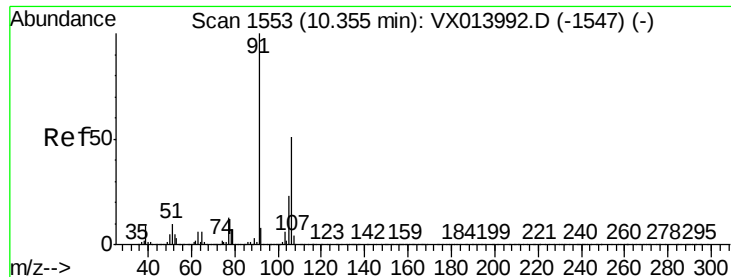
106 30.7 24.2 36.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

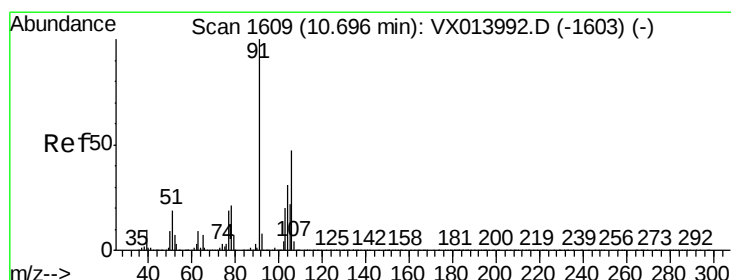
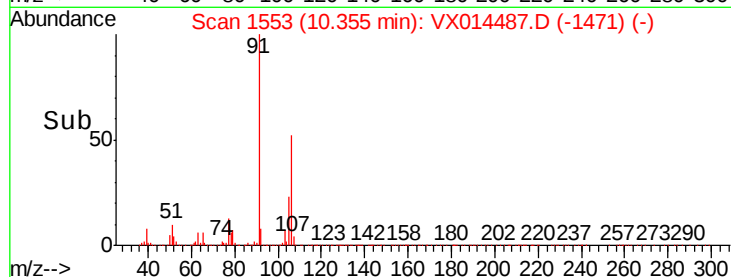
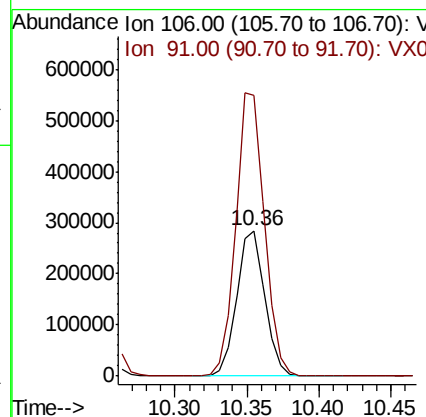
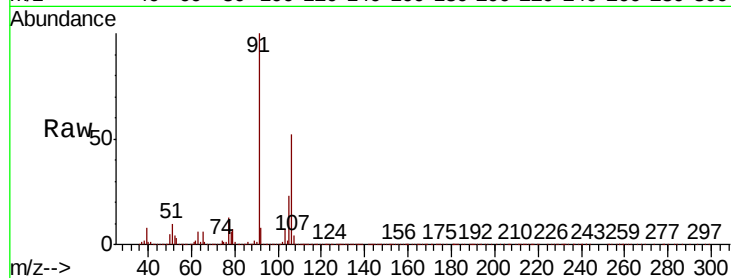




#67
m/p-Xylenes
Concen: 43.033 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014487.D
Acq: 09 Jan 2020 09:54

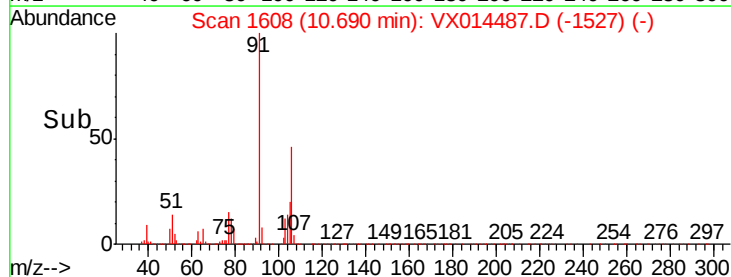
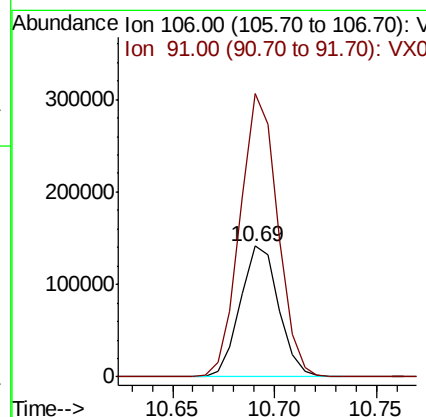
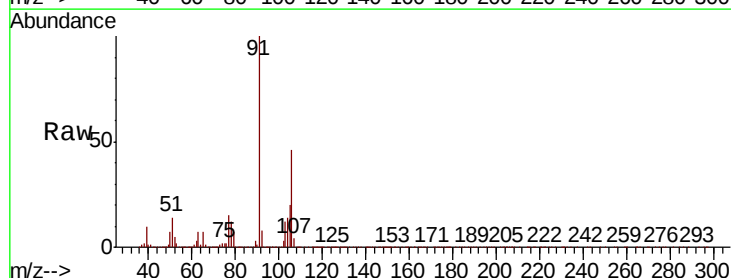
Instrument :
MSVOA_X
ClientSampleId :

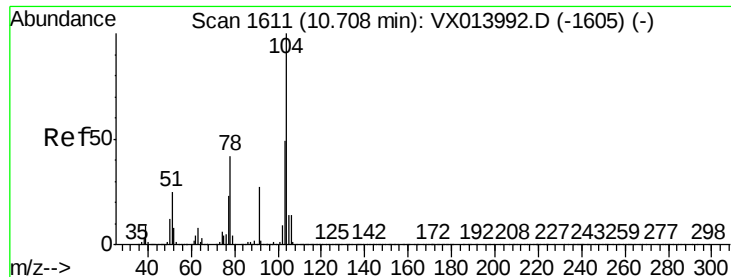
Tot Ion:106 Resp: 388109
Ion Ratio Lower Upper
106 100
91 198.8 159.3 238.9



#68
o-Xylene
Concen: 20.712 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX014487.D
Acq: 09 Jan 2020 09:54

Tgt Ion:106 Resp: 185052
Ion Ratio Lower Upper
106 100
91 212.2 104.8 314.6

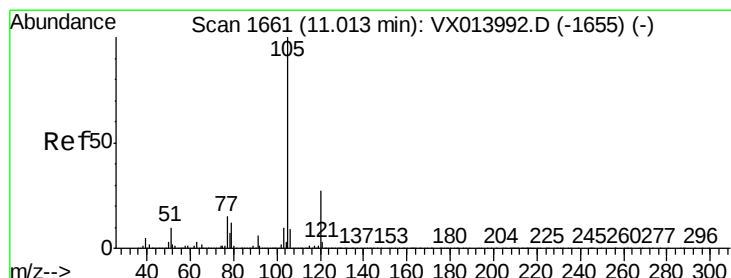
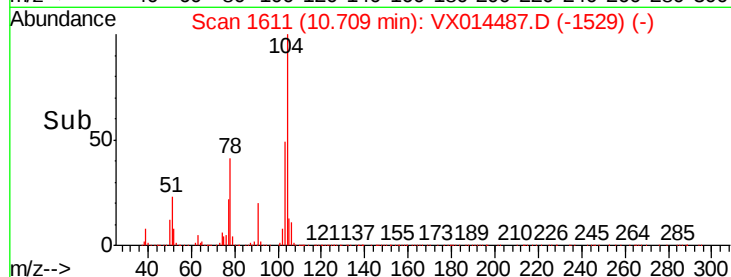
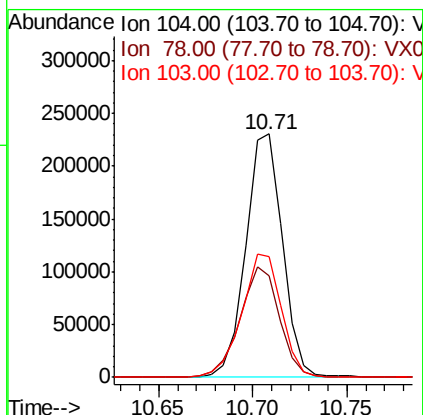
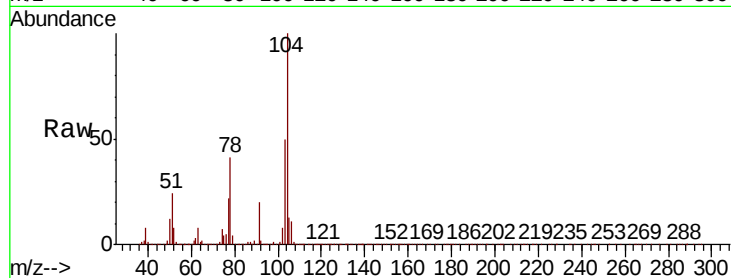




#69
Stvrene
Concen: 20.524 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014487.D
Acq: 09 Jan 2020 09:54

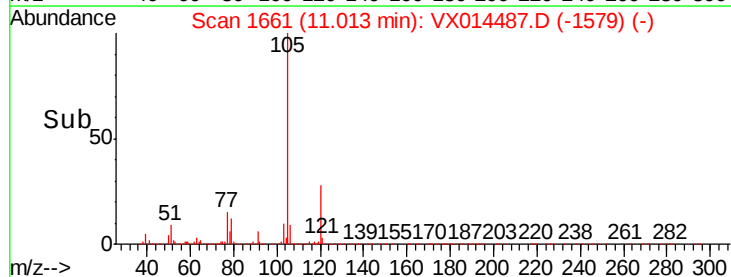
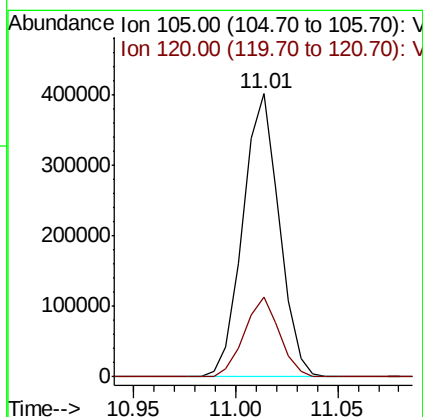
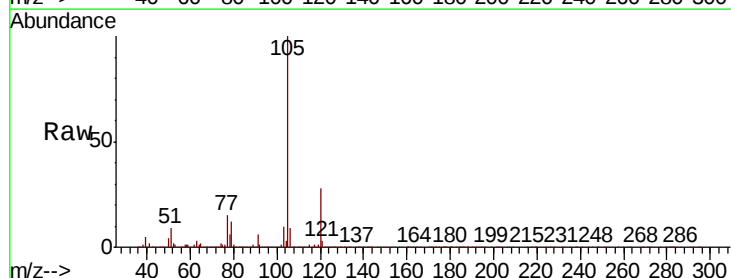
Instrument :
MSVOA_X
ClientSampleId :

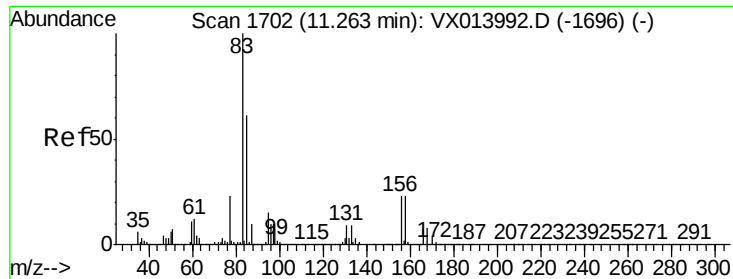
Tot Ion:104 Resp: 311830
Ion Ratio Lower Upper
104 100
78 48.9 38.9 58.3
103 54.6 44.2 66.2



#70
Isopropylbenzene
Concen: 21.504 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX014487.D
Acq: 09 Jan 2020 09:54

Tgt Ion:105 Resp: 496487
Ion Ratio Lower Upper
105 100
120 27.1 19.1 35.5





#71

1,1,2,2-Tetrachloroethane

Concen: 18.868 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014487.D

Acq: 09 Jan 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

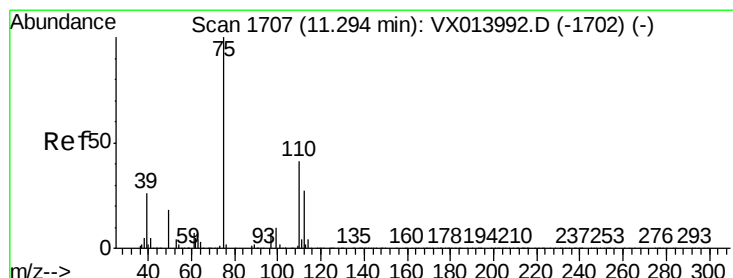
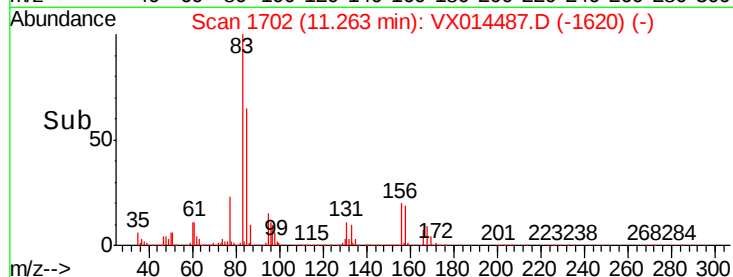
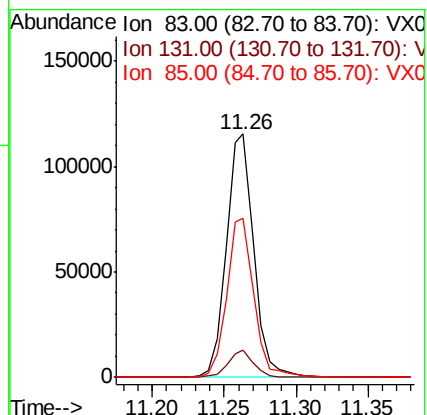
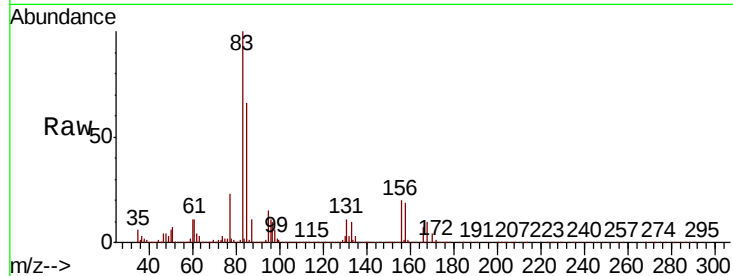
Tot Ion: 83 Resp: 154488

Ion Ratio Lower Upper

83 100

131 10.5 4.9 14.7

85 64.8 31.6 94.7



#72

1,2,3-Trichloropropane

Concen: 24.293 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX014487.D

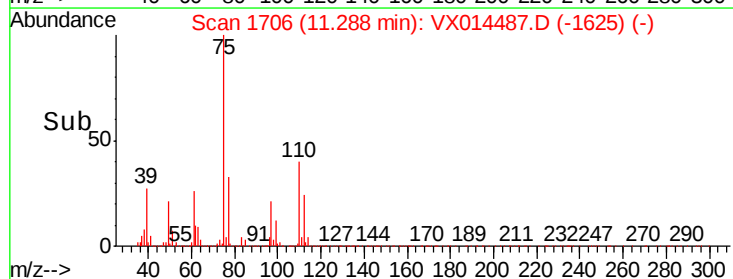
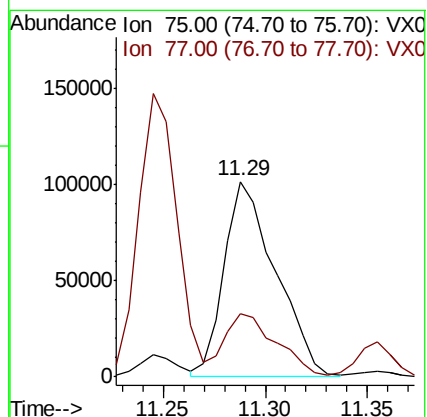
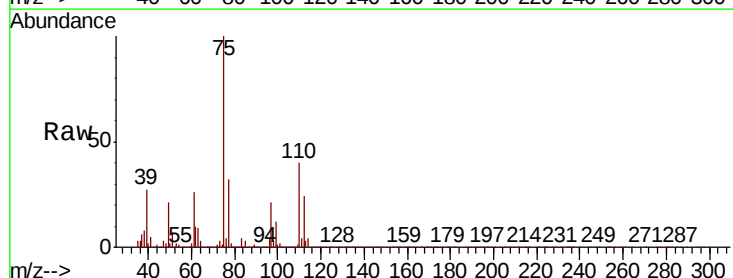
Acq: 09 Jan 2020 09:54

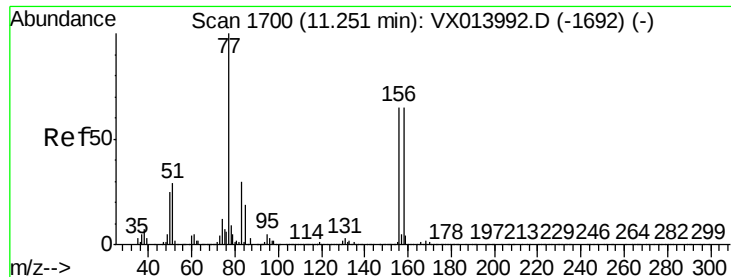
Tgt Ion: 75 Resp: 177053

Ion Ratio Lower Upper

75 100

77 30.7 0.0 68.4





#73

Bromobenzene

Concen: 20.970 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014487.D

Acq: 09 Jan 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

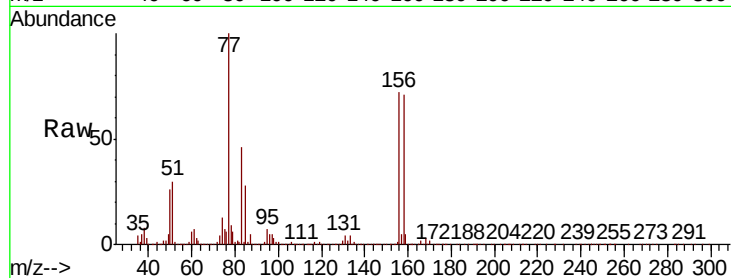
Tot Ion:156 Resp: 129247

Ion Ratio Lower Upper

156 100

77 148.6 0.0 304.6

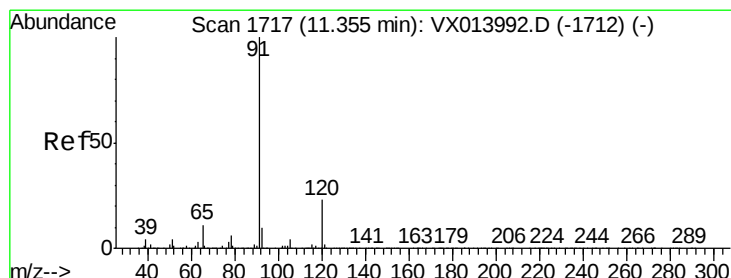
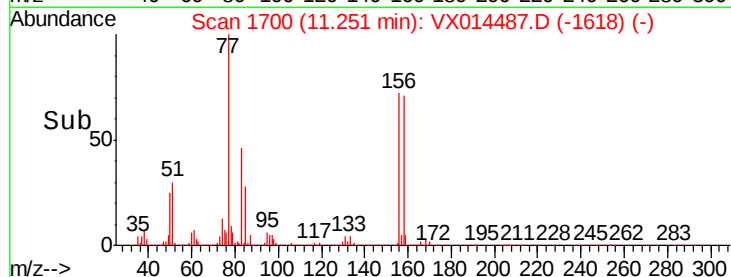
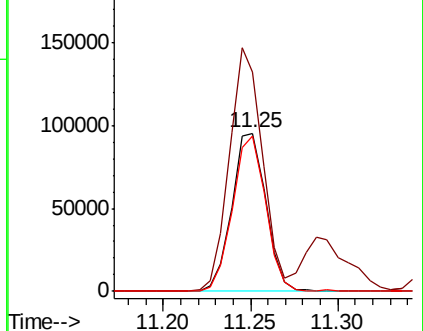
158 96.0 0.0 195.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 21.666 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014487.D

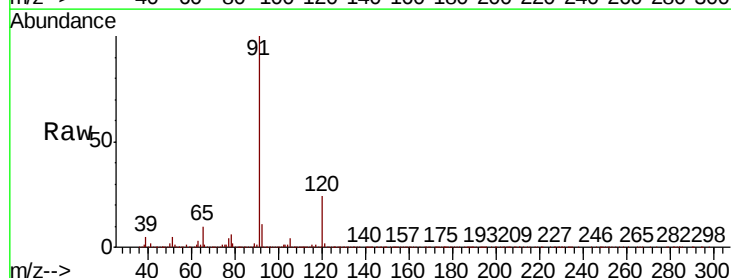
Acq: 09 Jan 2020 09:54

Tgt Ion: 91 Resp: 567373

Ion Ratio Lower Upper

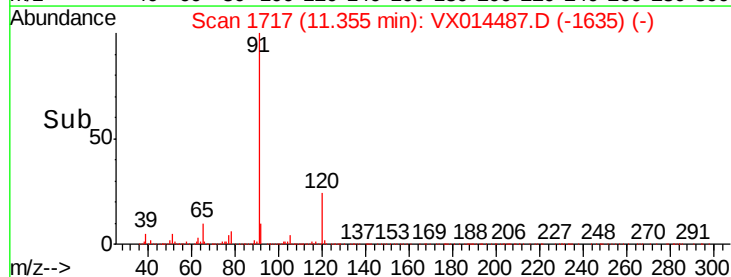
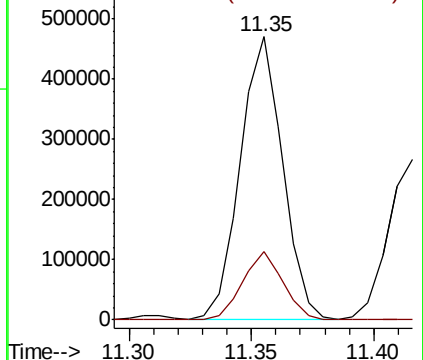
91 100

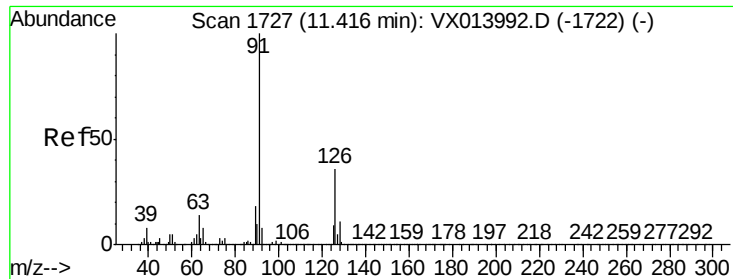
120 23.1 0.0 44.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 20.971 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014487.D

Acq: 09 Jan 2020 09:54

Instrument :

MSVOA_X

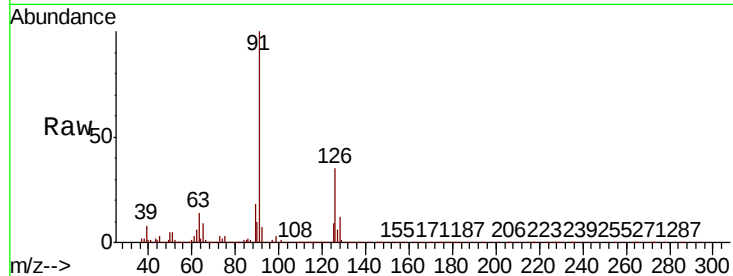
ClientSampleId :

Tot Ion: 91 Resp: 331831

Ion Ratio Lower Upper

91 100

126 34.3 0.0 70.8



Abundance Ion 91.00 (90.70 to 91.70): VX013992.D (-1722) (-)

Ion 126.00 (125.70 to 126.70): VX013992.D (-1722) (-)

500000

400000

300000

200000

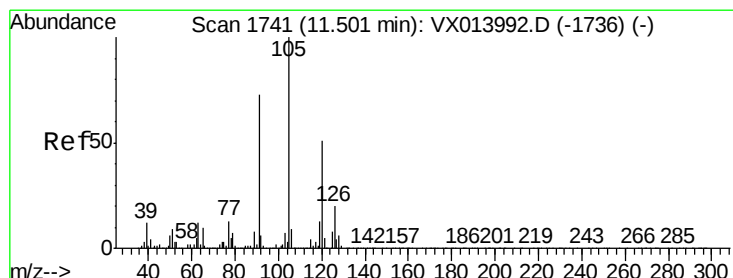
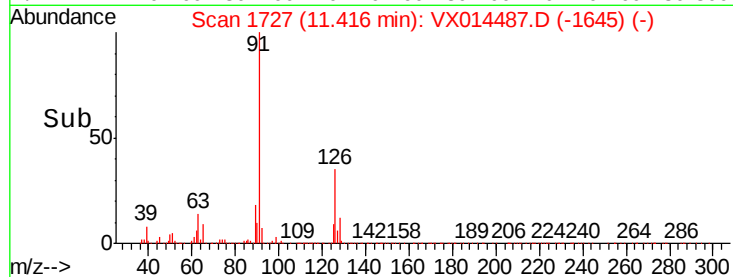
100000

0

11.42

11.45

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 21.151 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014487.D

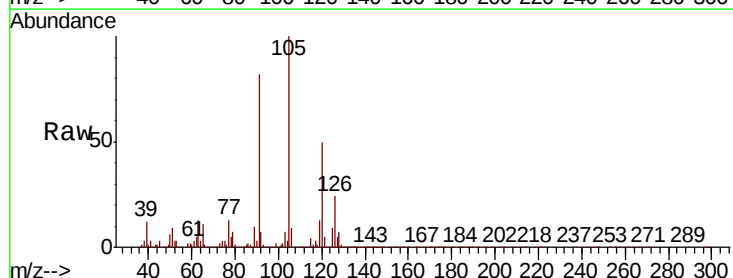
Acq: 09 Jan 2020 09:54

Tgt Ion: 105 Resp: 414256

Ion Ratio Lower Upper

105 100

120 50.4 0.0 100.6



Abundance Ion 105.00 (104.70 to 105.70): VX013992.D (-1736) (-)

Ion 120.00 (119.70 to 120.70): VX013992.D (-1736) (-)

400000

300000

200000

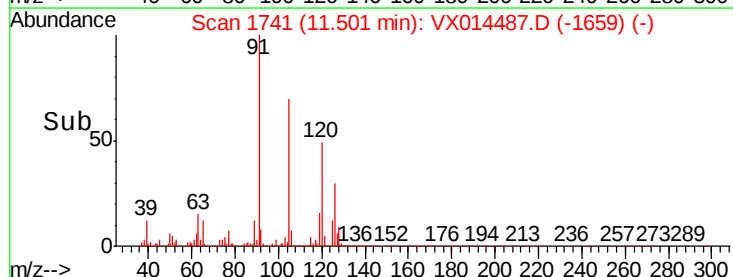
100000

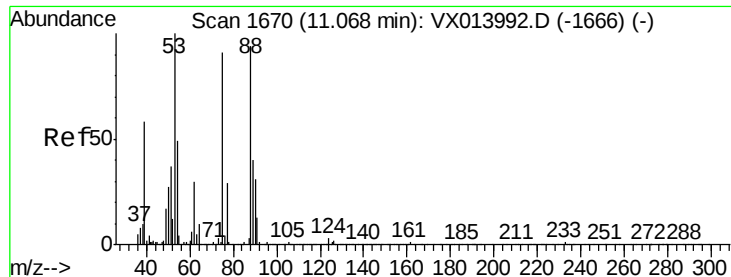
0

11.50

11.55

Time-->





#77

t-1,4-Dichloro-2-butene

Concen: 20.499 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014487.D

Acq: 09 Jan 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

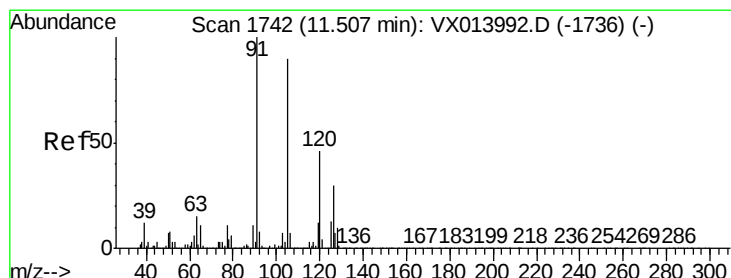
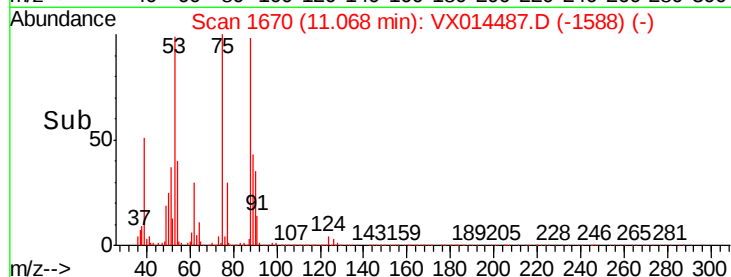
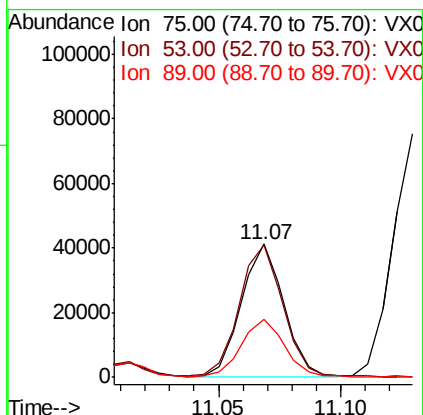
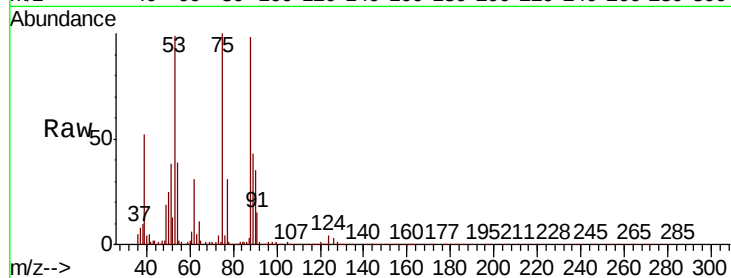
Tot Ion: 75 Resp: 49335

Ion Ratio Lower Upper

75 100

53 99.0 54.4 163.1

89 42.8 21.9 65.5



#78

4-Chlorotoluene

Concen: 21.150 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX014487.D

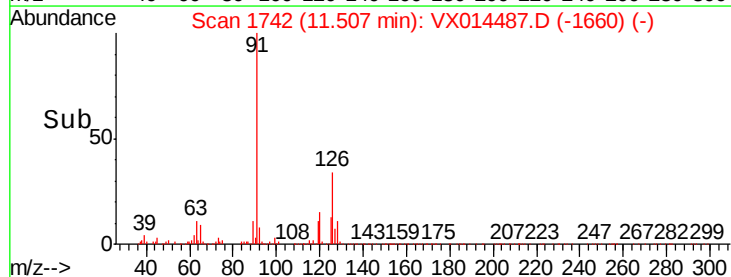
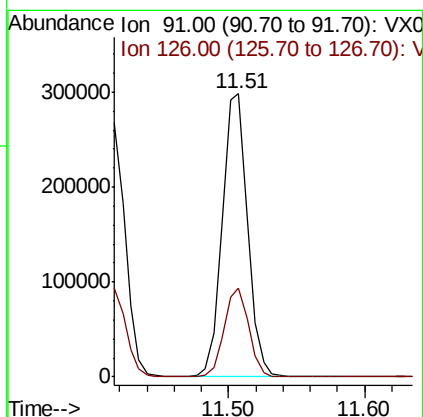
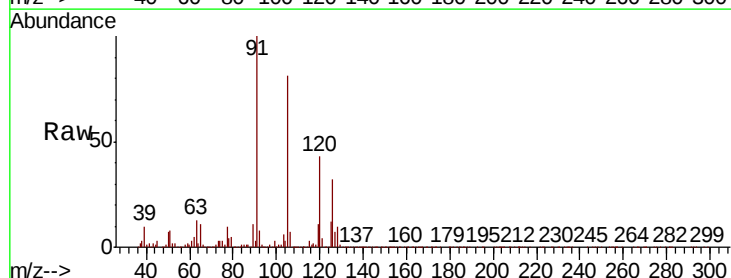
Acq: 09 Jan 2020 09:54

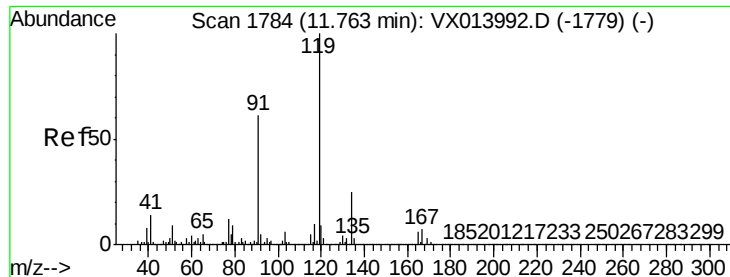
Tgt Ion: 91 Resp: 382417

Ion Ratio Lower Upper

91 100

126 30.5 0.0 59.6





#79

tert-butylbenzene

Concen: 20.703 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014487.D

Acq: 09 Jan 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

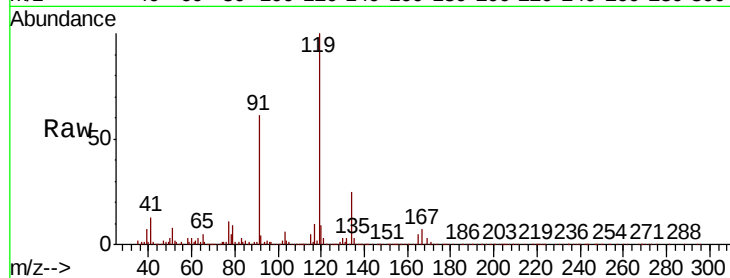
Tot Ion:119 Resp: 390839

Ion Ratio Lower Upper

119 100

91 57.2 0.0 112.6

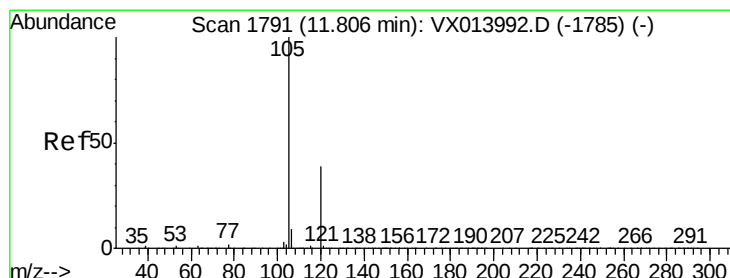
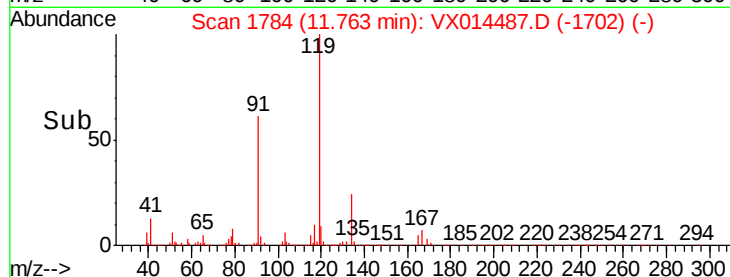
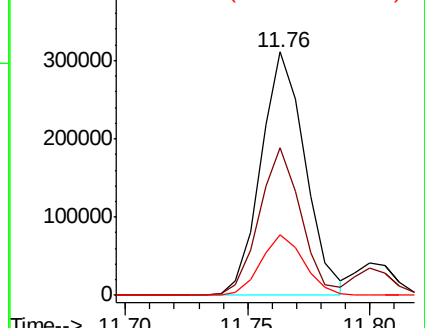
134 24.0 0.0 49.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 21.135 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.01 min

Lab File: VX014487.D

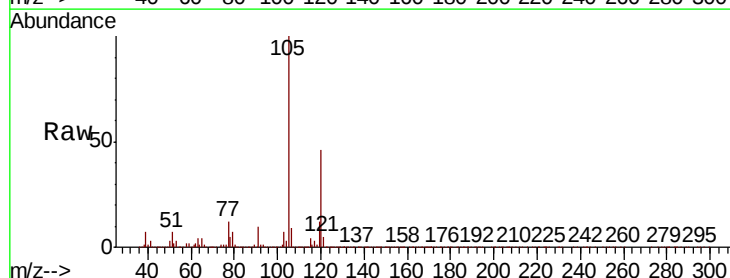
Acq: 09 Jan 2020 09:54

Tgt Ion:105 Resp: 413913

Ion Ratio Lower Upper

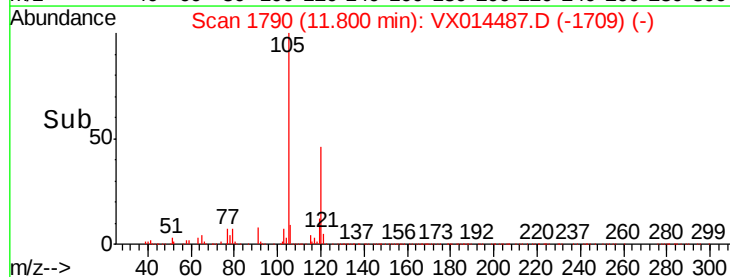
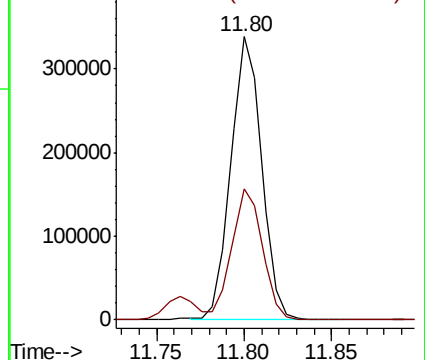
105 100

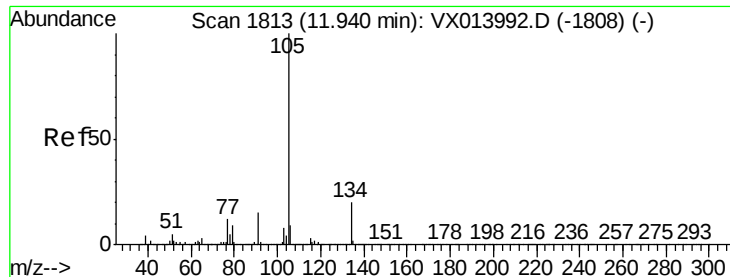
120 45.7 0.0 92.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

sec-Butylbenzene

Concen: 21.179 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014487.D

Acq: 09 Jan 2020 09:54

Instrument :

MSVOA_X

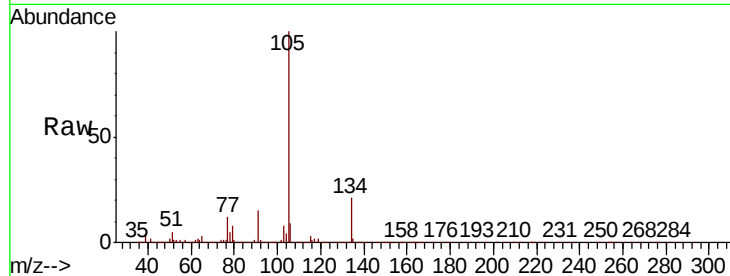
ClientSampleId :

Tot Ion:105 Resp: 475570

Ion Ratio Lower Upper

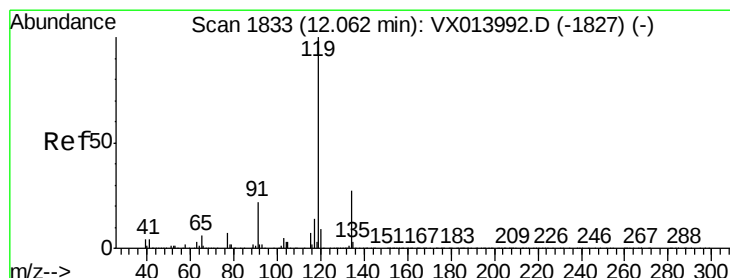
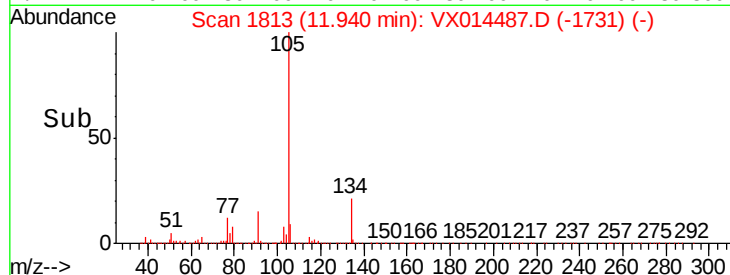
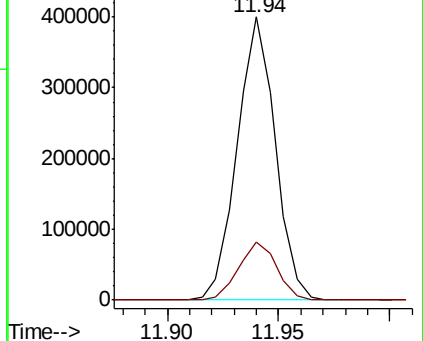
105 100

134 20.8 0.0 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 21.499 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX014487.D

Acq: 09 Jan 2020 09:54

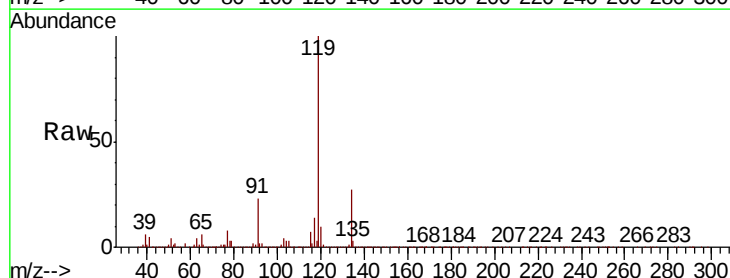
Tgt Ion:119 Resp: 435650

Ion Ratio Lower Upper

119 100

134 27.1 0.0 53.8

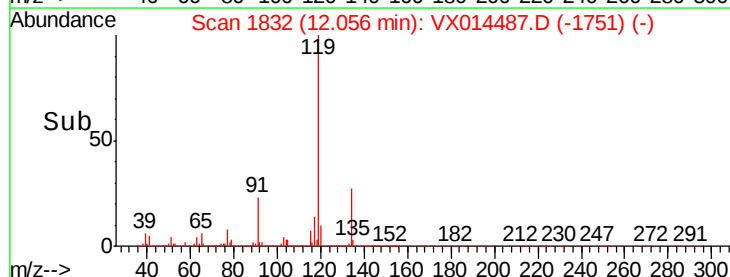
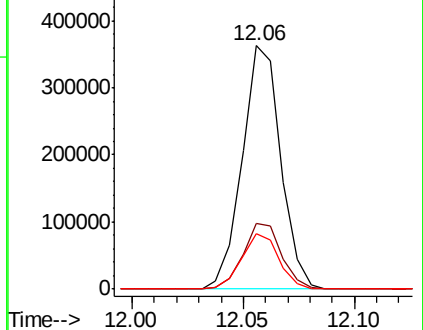
91 22.3 0.0 45.0

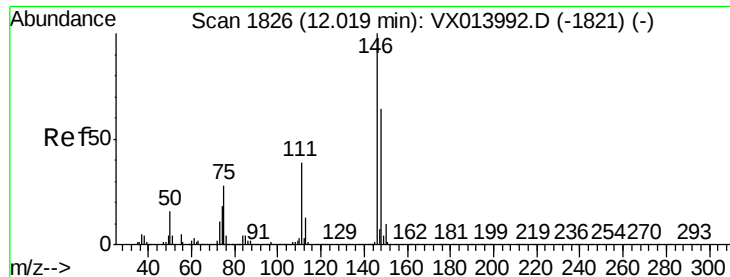


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

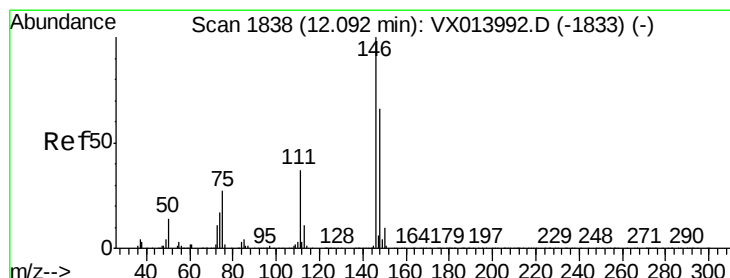
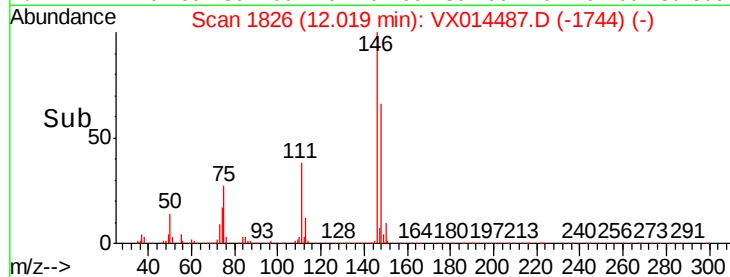
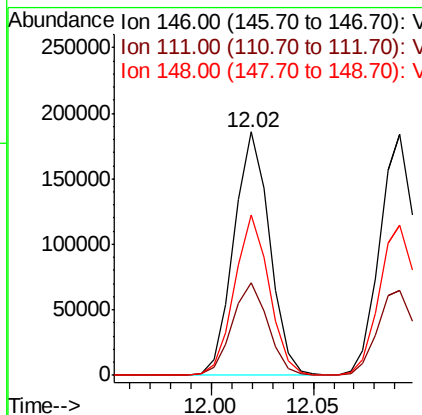
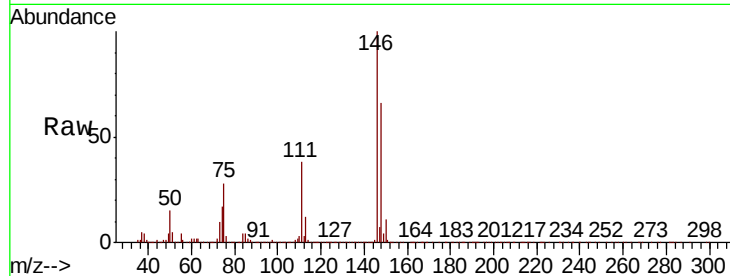




#83
 1,3-Dichlorobenzene
 Concen: 20.987 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014487.D
 Acq: 09 Jan 2020 09:54

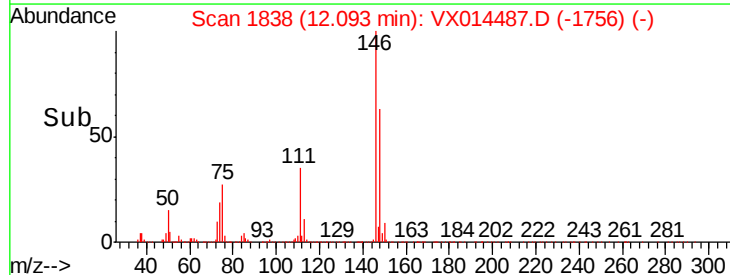
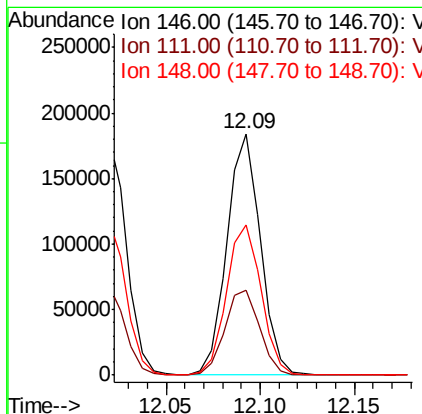
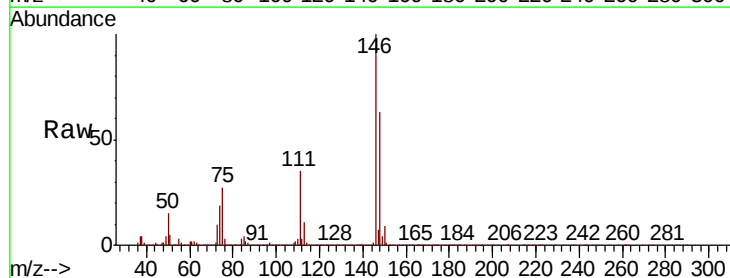
Instrument :
 MSVOA_X
 ClientSampleId :

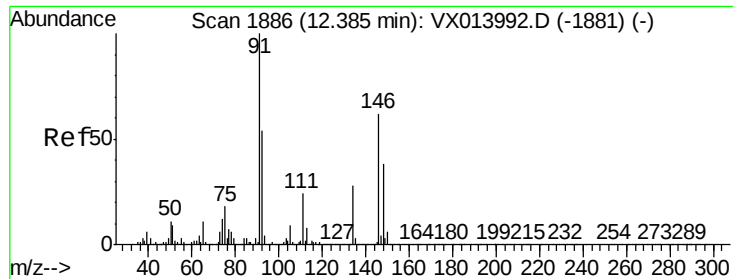
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	19.3	57.9
148	63.6	32.2	96.6



#84
 1,4-Dichlorobenzene
 Concen: 21.229 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014487.D
 Acq: 09 Jan 2020 09:54

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.3	18.4	55.4
148	63.9	32.0	96.0





#85

n-Butylbenzene

Concen: 22.025 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VX014487.D

Acq: 09 Jan 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

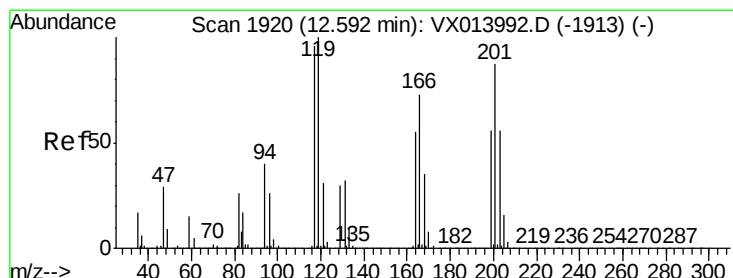
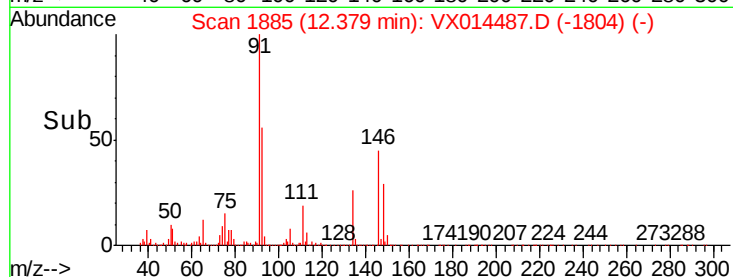
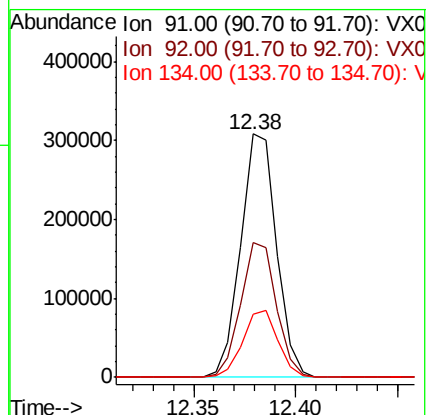
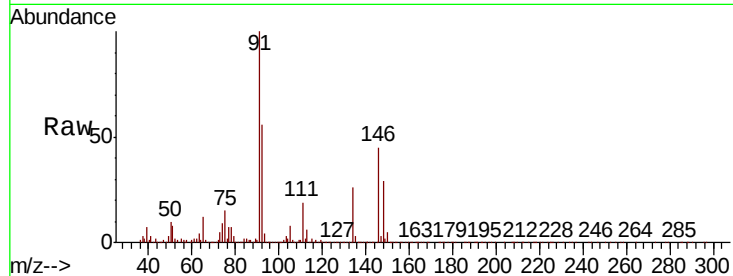
Tot Ion: 91 Resp: 375255

Ion Ratio Lower Upper

91 100

92 55.2 0.0 109.0

134 27.0 0.0 54.0



#86

Hexachloroethane

Concen: 20.305 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX014487.D

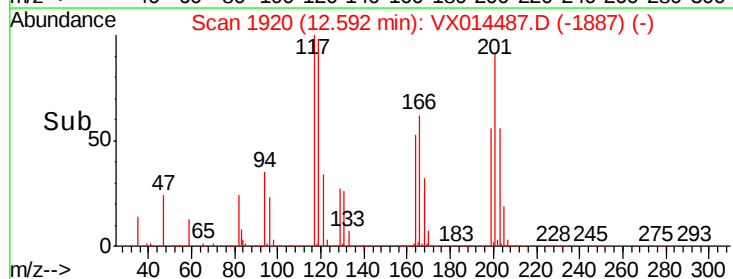
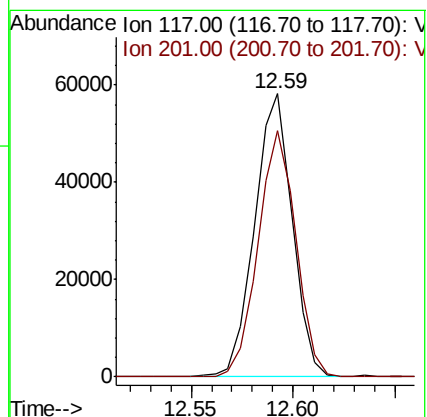
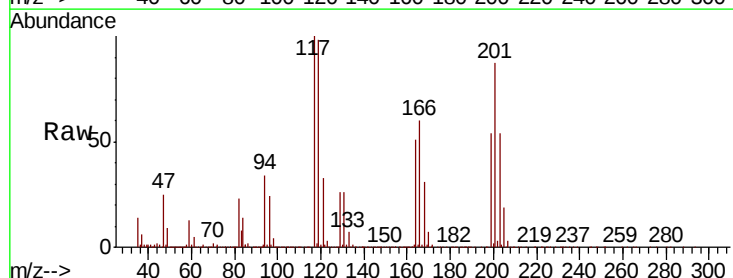
Acq: 09 Jan 2020 09:54

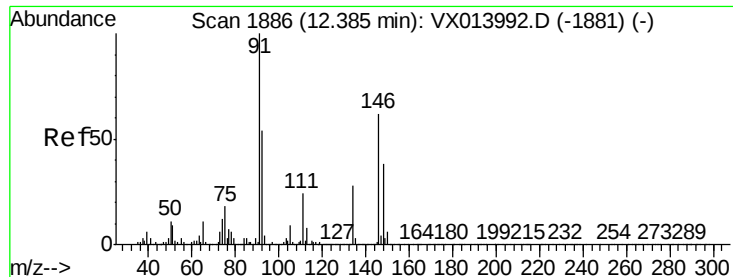
Tgt Ion: 117 Resp: 74643

Ion Ratio Lower Upper

117 100

201 87.4 44.8 134.3





#87

1,2-Dichlorobenzene

Concen: 20.663 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

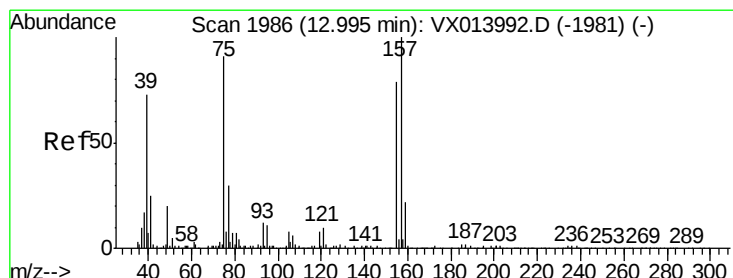
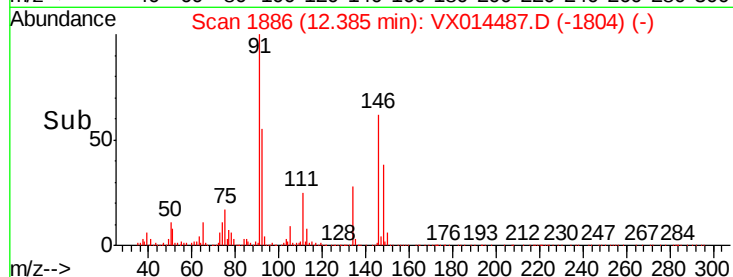
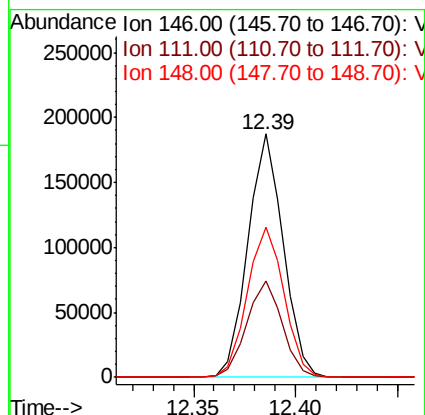
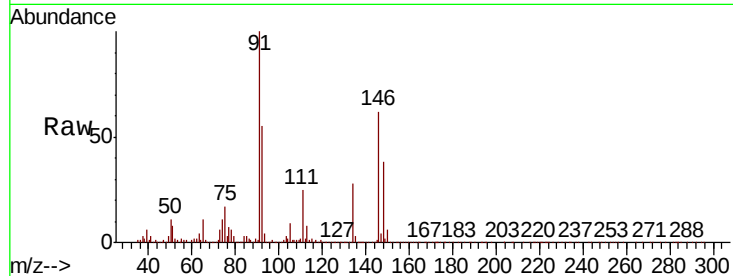
Lab File: VX014487.D

Acq: 09 Jan 2020 09:54

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:146 Resp: 225468

Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.1	60.2
148	64.0	32.0	96.2



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.387 ug/l

RT: 12.99 min Scan# 1986

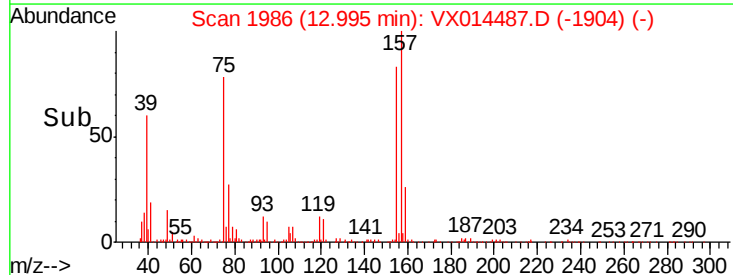
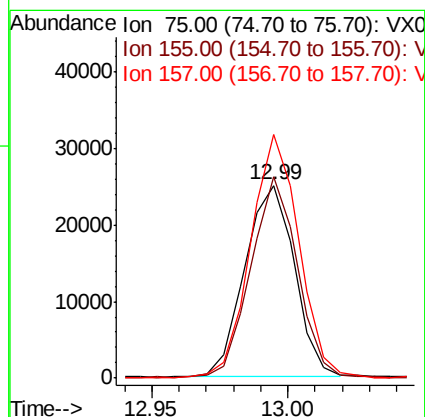
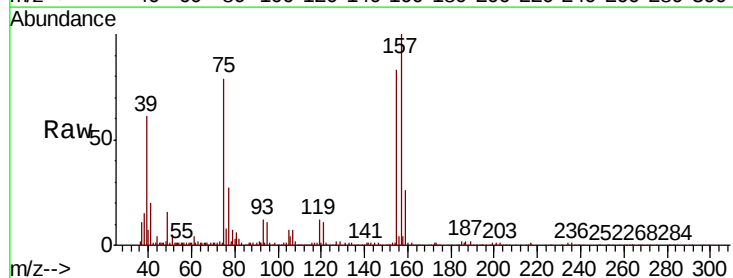
Delta R.T. 0.00 min

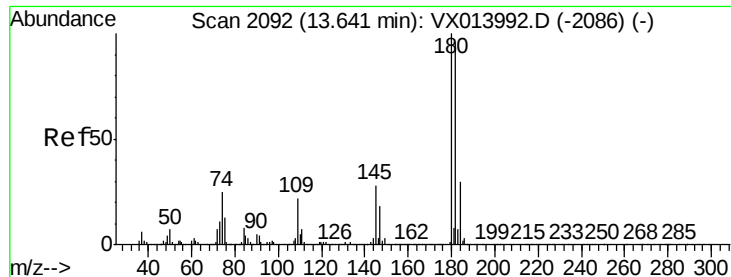
Lab File: VX014487.D

Acq: 09 Jan 2020 09:54

Tgt Ion: 75 Resp: 31639

Ion	Ratio	Lower	Upper
75	100		
155	99.5	73.8	110.6
157	124.0	95.0	142.4

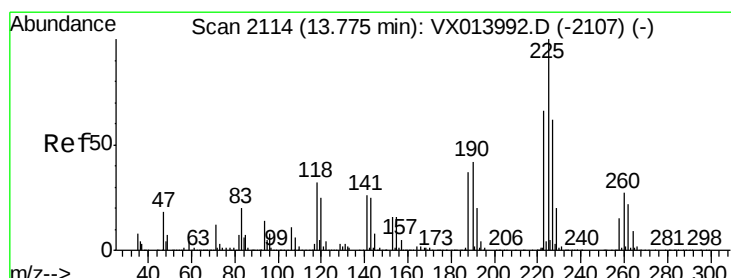
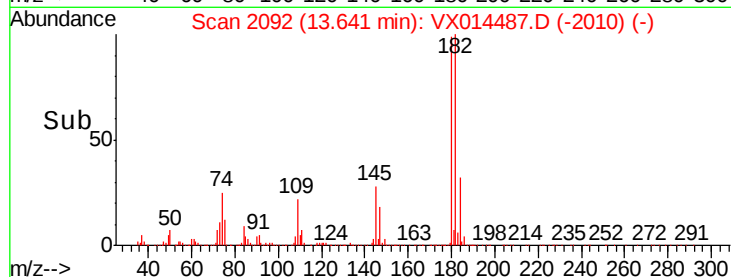
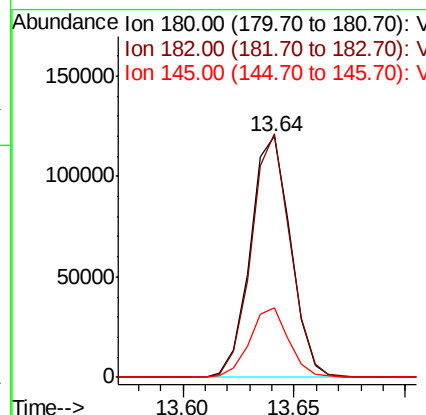
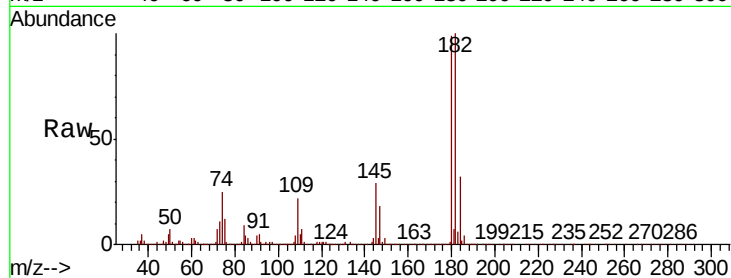




#89
 1,2,4-Trichlorobenzene
 Concen: 21.664 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014487.D
 Acq: 09 Jan 2020 09:54

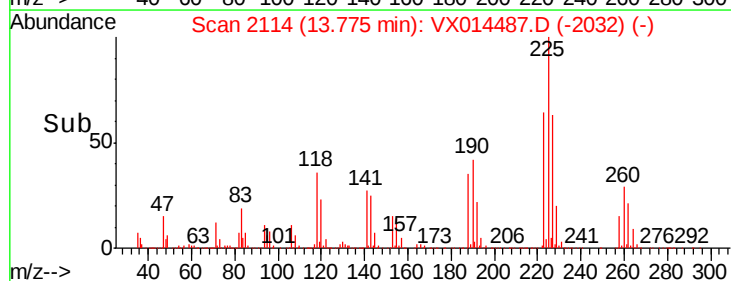
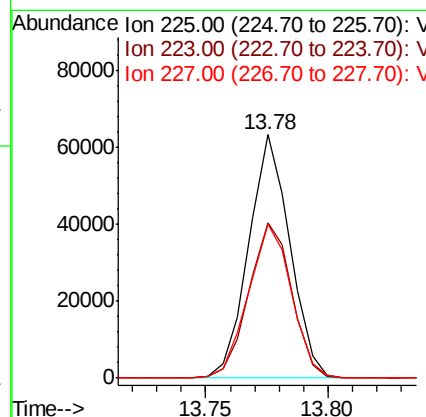
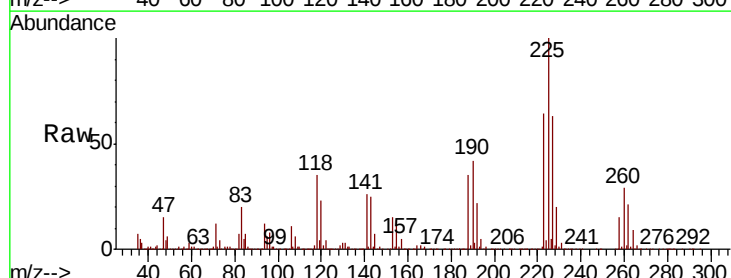
Instrument :
 MSVOA_X
 ClientSampleId :

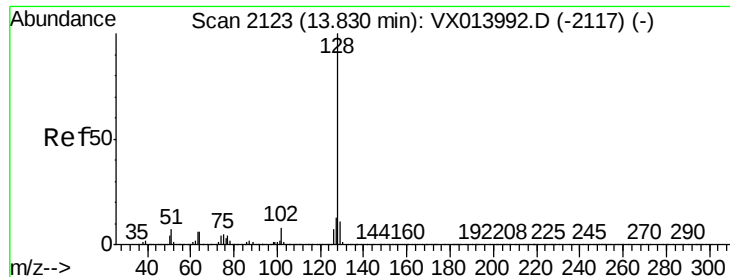
Tot Ion	Ratio	Lower	Upper
180	100		
182	98.5	76.4	114.6
145	28.2	21.9	32.9



#90
 Hexachlorobutadiene
 Concen: 22.366 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014487.D
 Acq: 09 Jan 2020 09:54

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.2	0.0	127.4
227	66.3	0.0	122.8





#91

Naphthalene

Concen: 21.279 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX014487.D

Acq: 09 Jan 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

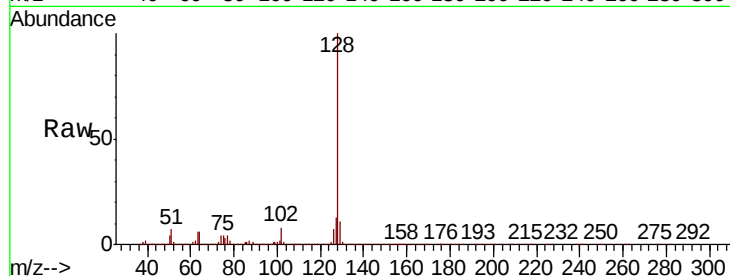
Tot Ion:128 Resp: 446030

Ion Ratio Lower Upper

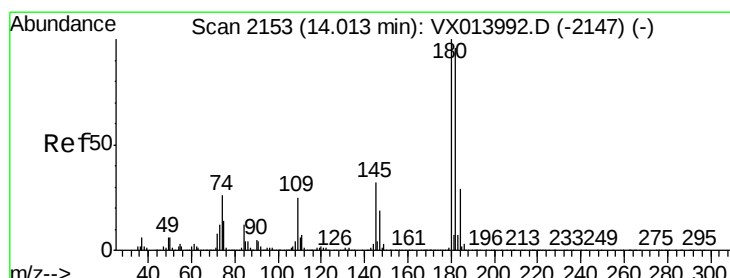
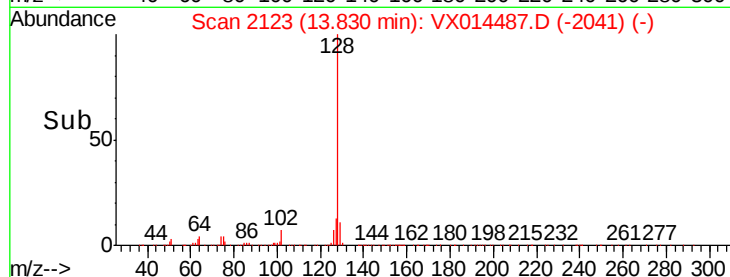
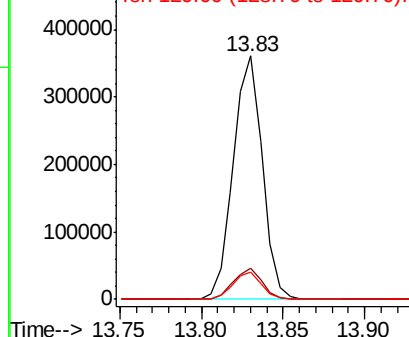
128 100

127 12.6 10.4 15.6

129 10.9 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 21.742 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX014487.D

Acq: 09 Jan 2020 09:54

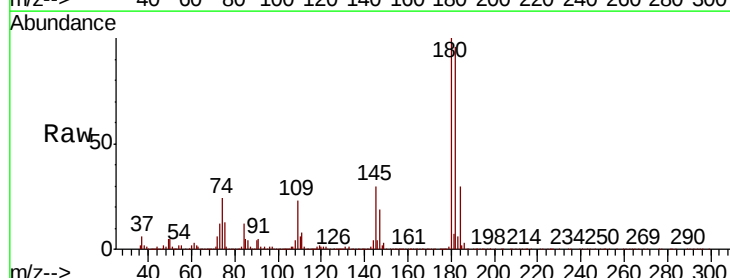
Tgt Ion:180 Resp: 153791

Ion Ratio Lower Upper

180 100

182 95.6 0.0 192.8

145 29.7 0.0 60.0



Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 145.00 (144.70 to 145.70): V

