

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062620\
 Data File : VX016997.D
 Acq On : 26 Jun 2020 22:33
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 27 02:41:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X062520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jun 26 09:03:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	58464	30.00	ug/l	-0.01
28) 1,4-Difluorobenzene	6.82	114	315130	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.09	117	288780	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	135321	29.74	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.13%
60) 4-Bromofluorobenzene	11.12	95	146804	30.48	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	101.60%
63) Toluene-d8	8.70	98	384105	30.17	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.57%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	62364	21.936	ug/l 95
3) Chloromethane	1.31	50	72740	18.867	ug/l 97
4) Vinyl Chloride	1.39	62	70424	17.912	ug/l 93
5) Bromomethane	1.64	94	46621	16.469	ug/l 99
6) Chloroethane	1.72	64	42018	16.571	ug/l 100
7) Trichlorofluoromethane	1.92	101	102496	16.030	ug/l 100
8) Diethyl Ether	2.17	74	38135	16.391	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	56786	16.734	ug/l 93
10) 1,1-Dichloroethene	2.36	96	57053	17.046	ug/l 94
11) Methyl Iodide	2.49	142	63018	14.102	ug/l 99
12) Methyl Acetate	2.75	43	72051	17.067	ug/l 100
13) Acrolein	2.27	56	53163	79.804	ug/l 99
14) Acrylonitrile	3.11	53	169015	84.526	ug/l 98
15) Acetone	2.42	58	41935	81.040	ug/l 97
16) Carbon Disulfide	2.55	76	181007	17.204	ug/l 99
17) Allyl chloride	2.70	41	112355	17.933	ug/l 94
18) Methylene Chloride	2.83	84	70833	17.571	ug/l 93
19) trans-1,2-Dichloroethene	3.14	96	69070	18.214	ug/l 98
20) Diisopropyl ether	3.82	45	226889	18.120	ug/l 96
21) 1,1-Dichloroethane	3.67	63	122898	17.800	ug/l 99
22) cis-1,2-Dichloroethene	4.56	96	79640	18.863	ug/l 95
23) tert-Butyl Alcohol	3.00	59	70869	80.011	ug/l # 100
24) Methyl tert-Butyl Ether	3.16	73	207782	17.387	ug/l 98
25) Chloroform	5.17	83	127771	18.252	ug/l 99
26) Cyclohexane	5.54	56	105678	17.546	ug/l # 100
29) 1,1-Dichloropropene	5.76	75	92814	18.080	ug/l 99
30) 2-Butanone	4.63	43	227106	84.873	ug/l 99
31) 2,2-Dichloropropane	4.55	77	91054	15.466	ug/l 99
32) 1,1,1-Trichloroethane	5.45	97	111704	17.983	ug/l 98
33) Carbon Tetrachloride	5.74	117	103557	18.798	ug/l 97
34) Benzene	6.10	78	272156	18.207	ug/l 98
35) Methacrylonitrile	5.00	41	51559	17.459	ug/l 93
36) 1,2-Dichloroethane	6.15	62	103343	18.052	ug/l 99
37) Trichloroethene	7.18	130	92180	22.600	ug/l 91
38) Methylcyclohexane	7.43	83	99956	17.097	ug/l 97
39) 1,2-Dichloropropane	7.49	63	71352	18.322	ug/l 90
40) Dibromomethane	7.63	93	47053	17.531	ug/l 97

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 ClientSampleId :

Quant Time: Jun 27 02:41:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X062520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jun 26 09:03:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.87	83	100426	18.069	ug/l	94
42) Vinyl Acetate	3.78	43	950192	88.118	ug/l	100
43) Ethyl Acetate	4.79	43	92422	16.675	ug/l	100
44) Isopropyl Acetate	6.40	43	151631	16.597	ug/l	100
45) 1,4-Dioxane	7.71	88	32185	349.197	ug/l	97
46) Methyl methacrylate	7.74	41	73945	17.490	ug/l	92
47) n-amyl Acetate	10.88	43	128733	15.941	ug/l	96
48) t-1,3-Dichloropropene	9.02	75	103927	16.912	ug/l	97
49) cis-1,3-Dichloropropene	8.41	75	113935	17.642	ug/l	97
50) 1,1,2-Trichloroethane	9.20	97	68233	18.216	ug/l	99
51) Ethyl methacrylate	9.15	69	97905	17.031	ug/l	96
52) 1,3-Dichloropropane	9.35	76	116193	18.068	ug/l	98
53) Dibromochloromethane	9.56	129	78860	18.317	ug/l	98
54) 1,2-Dibromoethane	9.65	107	72781	18.311	ug/l	100
55) 2-Chloroethyl vinyl ether	8.29	63	287559	95.058	ug/l	99
56) Bromoform	10.84	173	51818	16.955	ug/l	99
58) 4-Methyl-2-Pentanone	8.62	43	457166	85.943	ug/l	98
59) 2-Hexanone	9.47	43	332941	83.865	ug/l	99
61) Tetrachloroethene	9.32	164	70024	19.014	ug/l	97
62) Toluene	8.76	91	289797	18.348	ug/l	98
64) Chlorobenzene	10.12	112	185604	18.757	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.20	131	69869	18.756	ug/l	99
66) Ethyl Benzene	10.23	91	316248	18.055	ug/l	99
67) m/p-Xylenes	10.34	106	243209	36.808	ug/l	99
68) o-Xylene	10.68	106	116564	18.365	ug/l	98
69) Styrene	10.70	104	200092	18.412	ug/l	97
70) Isopropylbenzene	11.00	105	312270	18.139	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.25	83	93906	17.762	ug/l	98
72) 1,2,3-Trichloropropane	11.28	75	115532	22.755	ug/l	88
73) Bromobenzene	11.24	156	79016	18.187	ug/l	96
74) n-propylbenzene	11.34	91	366705	17.940	ug/l	100
75) 2-Chlorotoluene	11.40	91	218513	18.333	ug/l	98
76) 1,3,5-Trimethylbenzene	11.49	105	263680	18.248	ug/l	100
77) t-1,4-Dichloro-2-butene	11.06	75	31081	15.106	ug/l	92
78) 4-Chlorotoluene	11.49	91	260715	18.474	ug/l	98
79) tert-butylbenzene	11.76	119	248310	17.938	ug/l	98
80) 1,2,4-Trimethylbenzene	11.79	105	267917	18.468	ug/l	100
81) sec-Butylbenzene	11.93	105	301951	18.016	ug/l	98
82) p-Isopropyltoluene	12.05	119	274228	18.121	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	148090	19.020	ug/l	98
84) 1,4-Dichlorobenzene	12.08	146	147099	18.804	ug/l	99
85) n-Butylbenzene	12.37	91	245146	17.502	ug/l	99
86) Hexachloroethane	12.58	117	52949	17.879	ug/l	95
87) 1,2-Dichlorobenzene	12.37	146	136395	18.716	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	12.98	75	20999	17.457	ug/l	98
89) 1,2,4-Trichlorobenzene	13.63	180	90467	18.400	ug/l	95
90) Hexachlorobutadiene	13.77	225	33486	17.904	ug/l	95
91) Naphthalene	13.82	128	283357	17.583	ug/l	99
92) 1,2,3-Trichlorobenzene	14.00	180	90799	18.924	ug/l	98

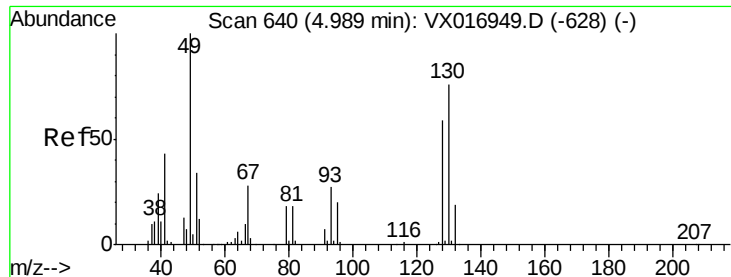
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062620\
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ClientSampleId :

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jun 26 09:03:25 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

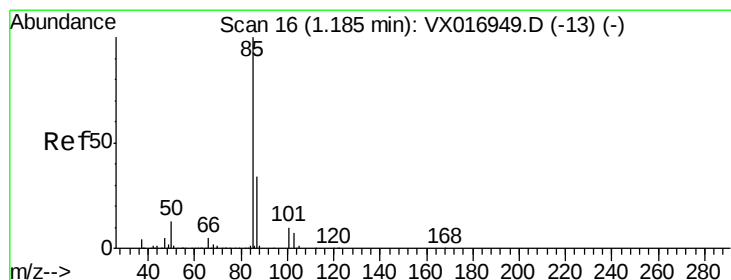
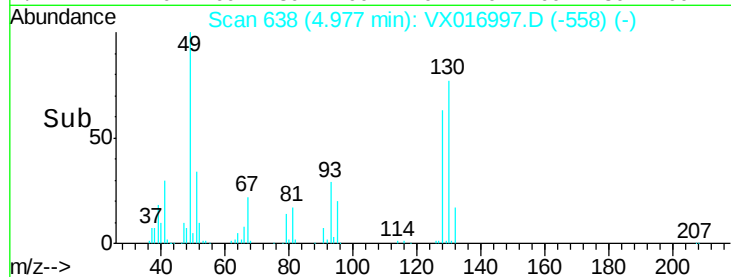
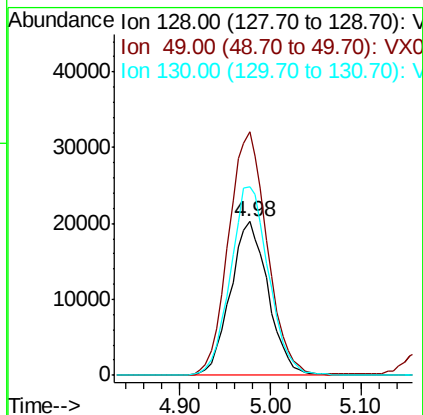
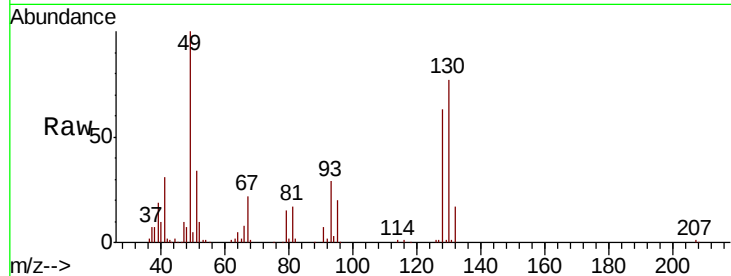


#1

Bromochloromethane
Concen: 30.000 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX016997.D
Acq: 26 Jun 2020 22:33

Instrument :
MSVOA_X
ClientSampleId :

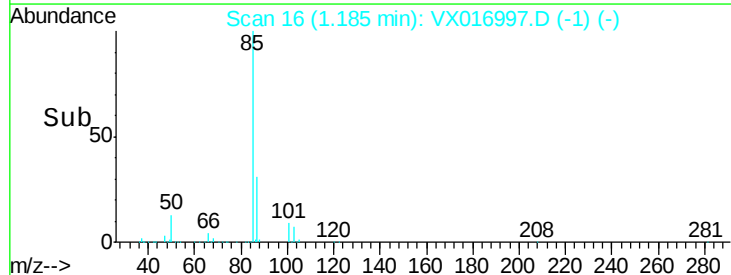
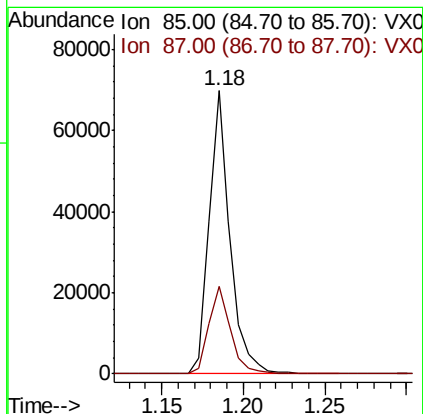
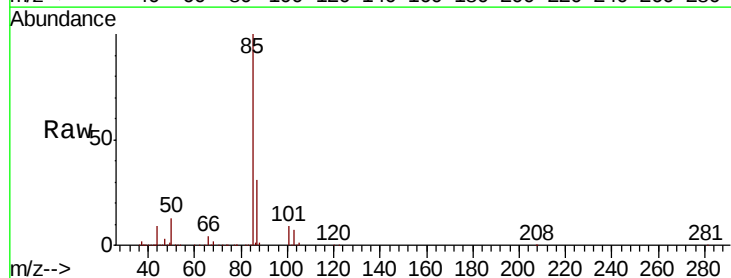
Tot Ion	Ratio	Lower	Upper
128	100		
49	161.1	0.0	428.0
130	124.9	0.0	318.0

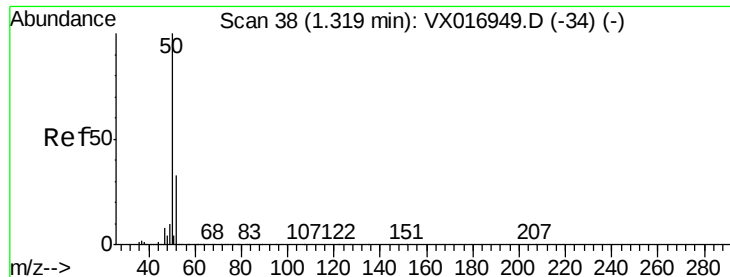


#2

Dichlorodifluoromethane
Concen: 21.936 ug/l
RT: 1.18 min Scan# 16
Delta R.T. 0.00 min
Lab File: VX016997.D
Acq: 26 Jun 2020 22:33

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.0	16.9	50.7

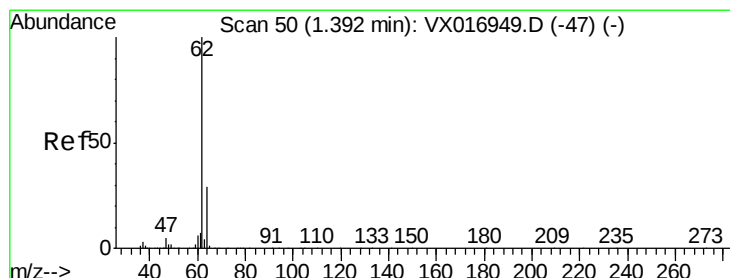
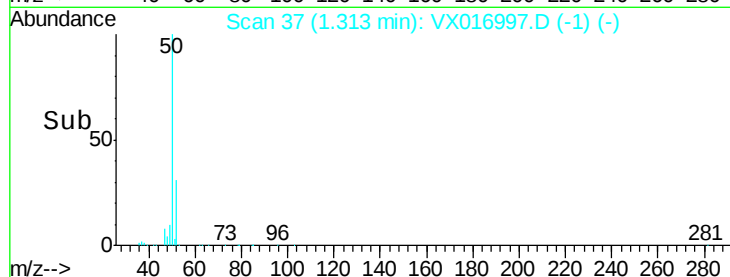
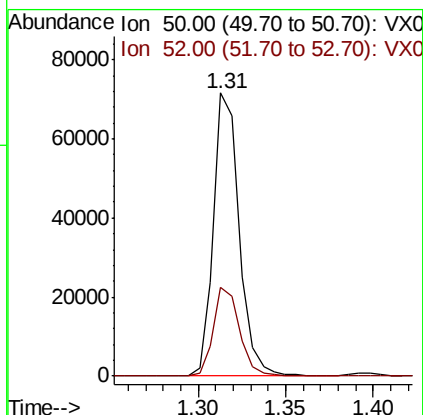
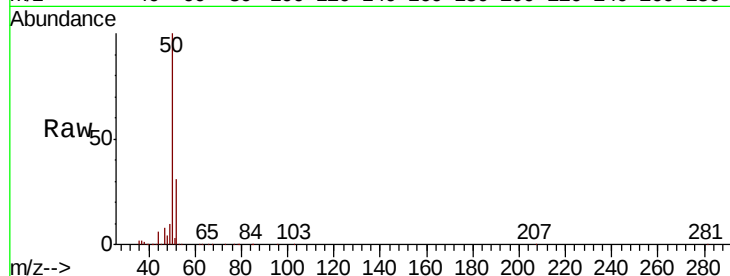




#3
Chloromethane
Concen: 18.867 ug/l
RT: 1.31 min Scan# 37
Delta R.T. -0.01 min
Lab File: VX016997.D
Acq: 26 Jun 2020 22:33

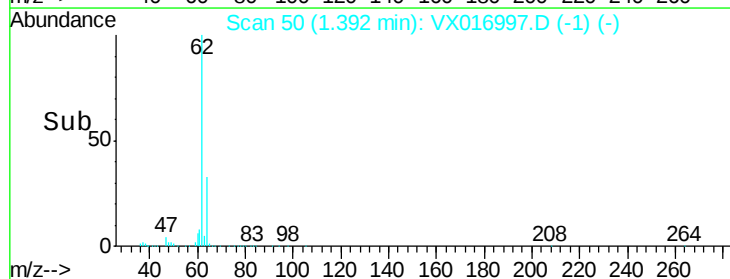
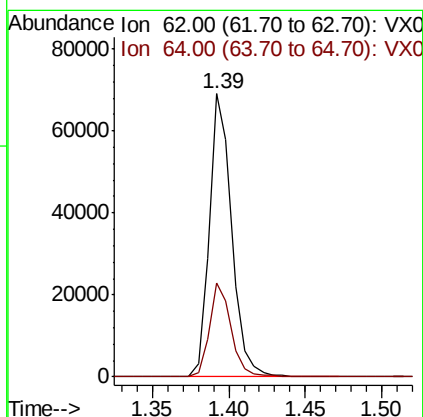
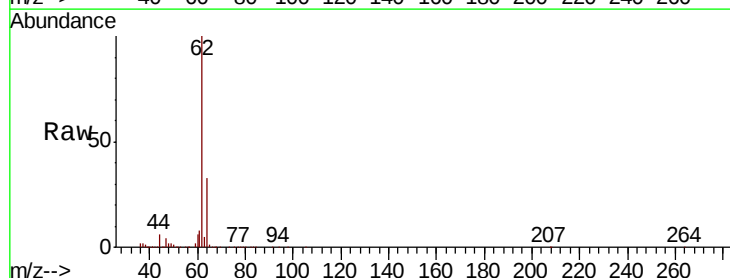
Instrument :
MSVOA_X
ClientSampleId :

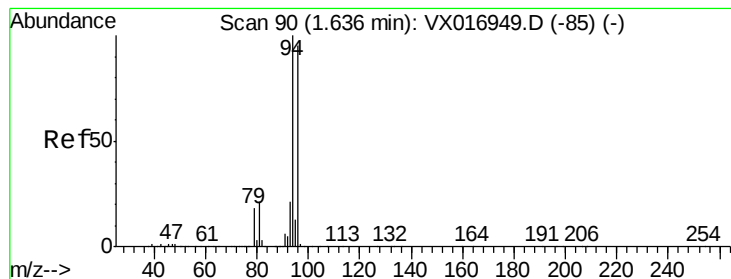
Tot Ion: 50 Resp: 72740
Ion Ratio Lower Upper
50 100
52 31.1 26.5 39.7



#4
Vinyl Chloride
Concen: 17.912 ug/l
RT: 1.39 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX016997.D
Acq: 26 Jun 2020 22:33

Tgt Ion: 62 Resp: 70424
Ion Ratio Lower Upper
62 100
64 33.0 23.4 35.0





#5

Bromomethane

Concen: 16.469 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.00 min

Lab File: VX016997.D

Acq: 26 Jun 2020 22:33

Instrument :

MSVOA_X

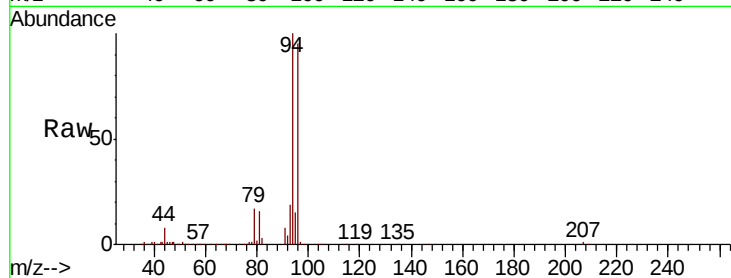
ClientSampleId :

Tot Ion: 94 Resp: 46621

Ion Ratio Lower Upper

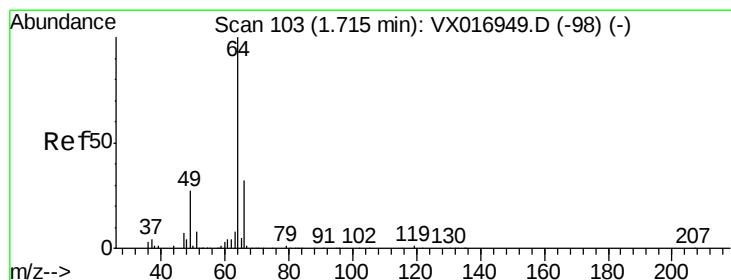
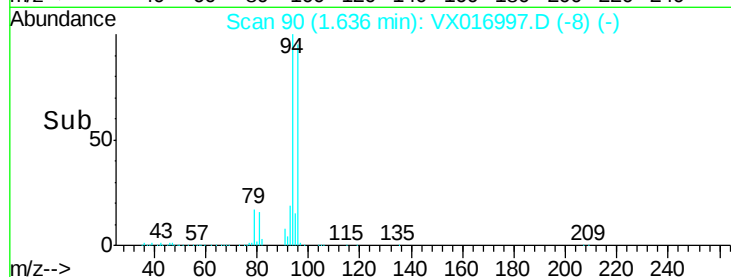
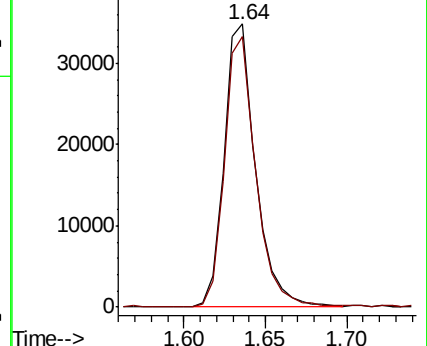
94 100

96 95.3 75.5 113.3



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 16.571 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX016997.D

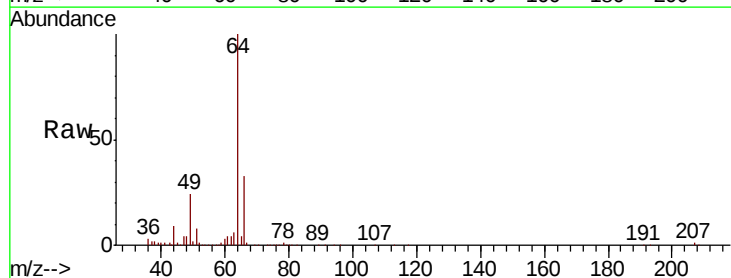
Acq: 26 Jun 2020 22:33

Tgt Ion: 64 Resp: 42018

Ion Ratio Lower Upper

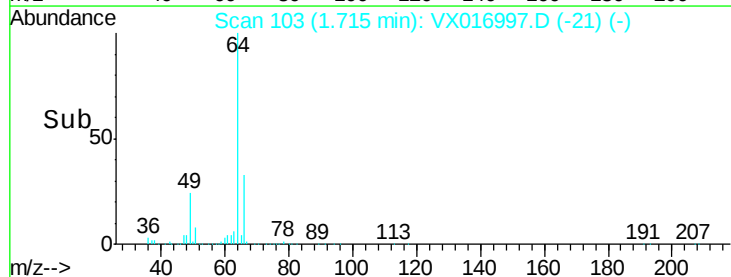
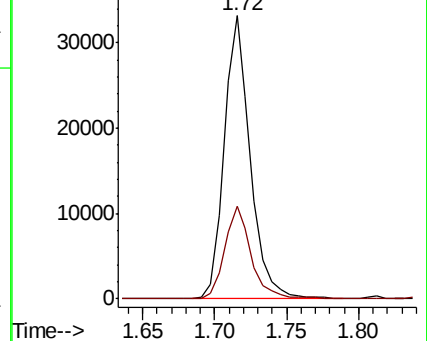
64 100

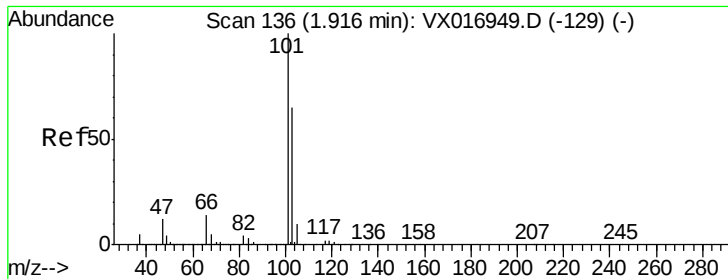
66 32.7 26.1 39.1



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



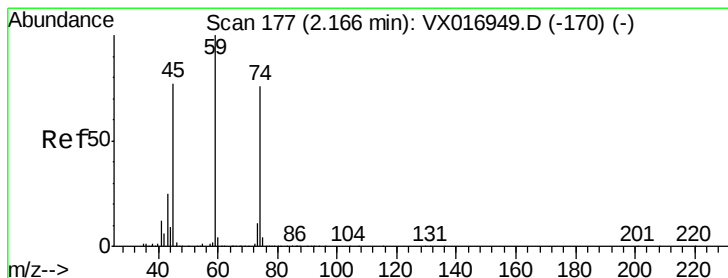
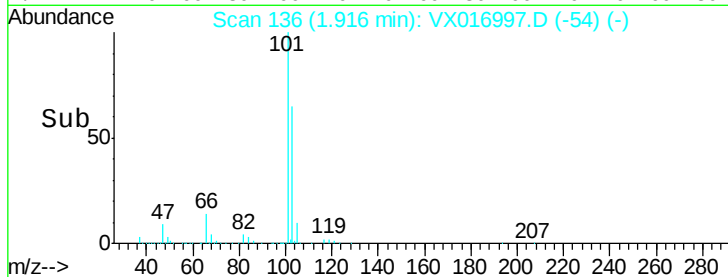
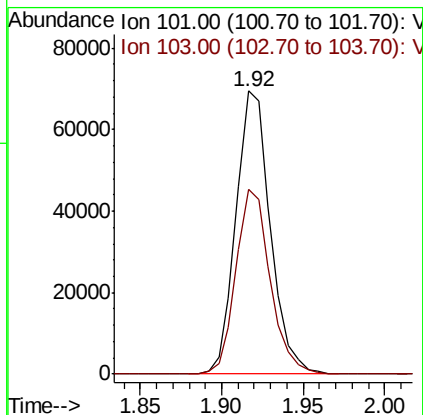
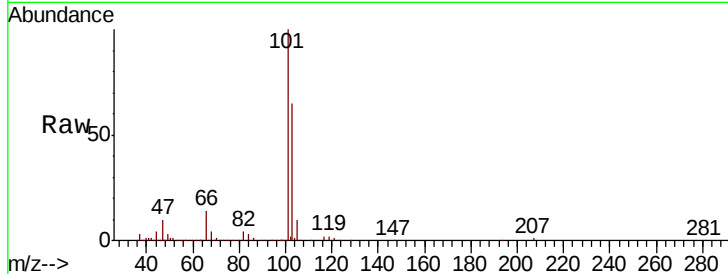


#7

Trichlorofluoromethane
 Concen: 16.030 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. 0.00 min
 Lab File: VX016997.D
 Acq: 26 Jun 2020 22:33

Instrument :
 MSVOA_X
 ClientSampleId :

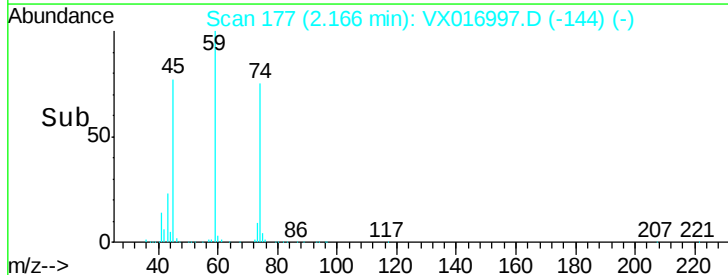
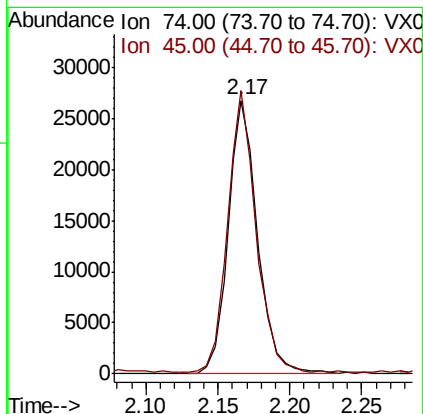
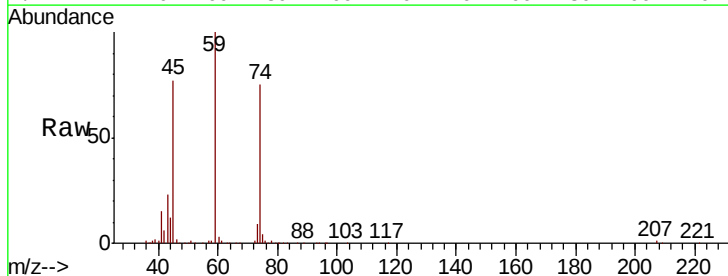
Tot Ion:101 Resp: 102496
 Ion Ratio Lower Upper
 101 100
 103 65.0 52.1 78.1

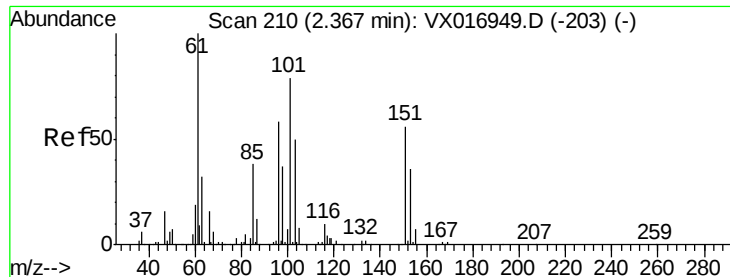


#8

Diethyl Ether
 Concen: 16.391 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX016997.D
 Acq: 26 Jun 2020 22:33

Tgt Ion: 74 Resp: 38135
 Ion Ratio Lower Upper
 74 100
 45 99.7 19.8 178.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.734 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX016997.D

Acq: 26 Jun 2020 22:33

Instrument :
MSVOA_X
ClientSampleId :

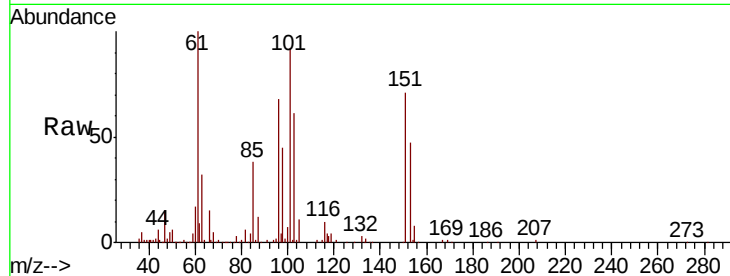
Tot Ion:101 Resp: 56786

Ion Ratio Lower Upper

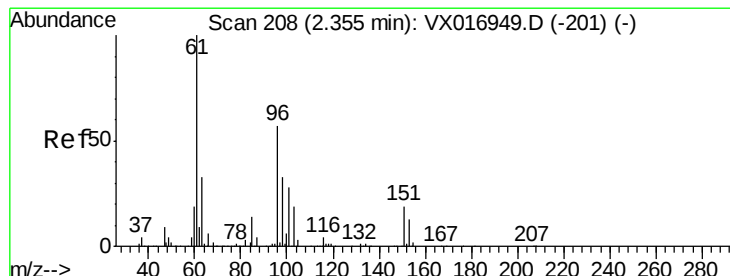
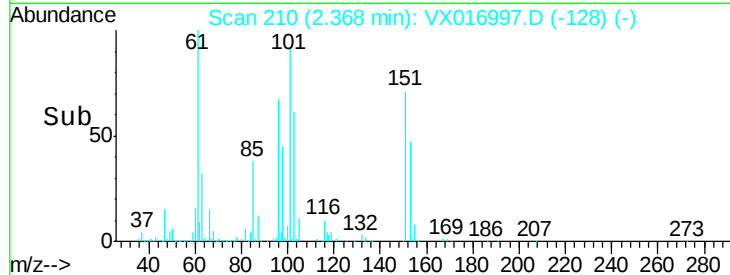
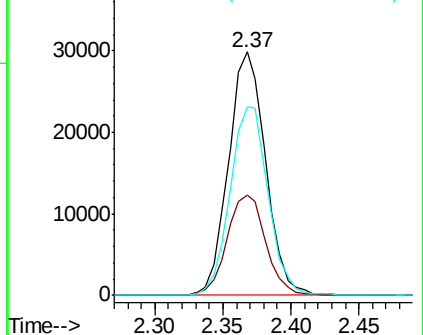
101 100

85 43.1 0.0 94.6

151 79.6 0.0 145.8



Abundance Ion 101.00 (100.70 to 101.70): V
Ion 85.00 (84.70 to 85.70): VX0
Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 17.046 ug/l

RT: 2.36 min Scan# 208

Delta R.T. 0.00 min

Lab File: VX016997.D

Acq: 26 Jun 2020 22:33

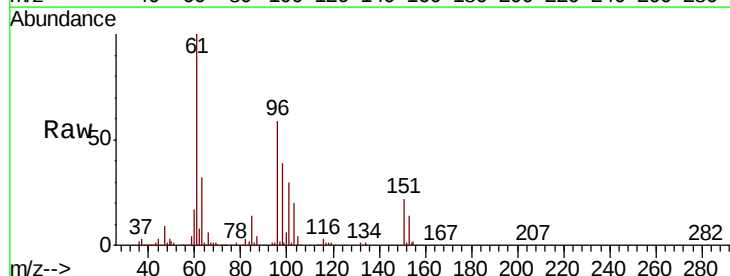
Tgt Ion: 96 Resp: 57053

Ion Ratio Lower Upper

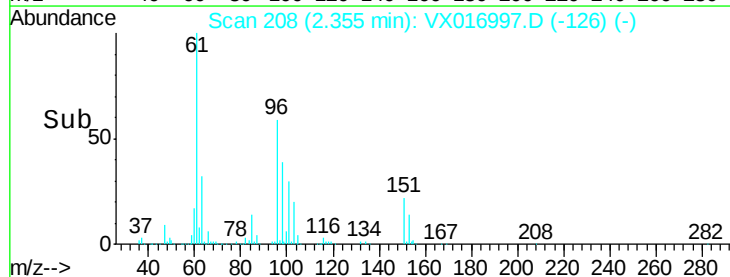
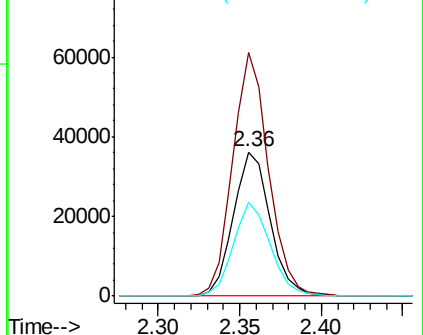
96 100

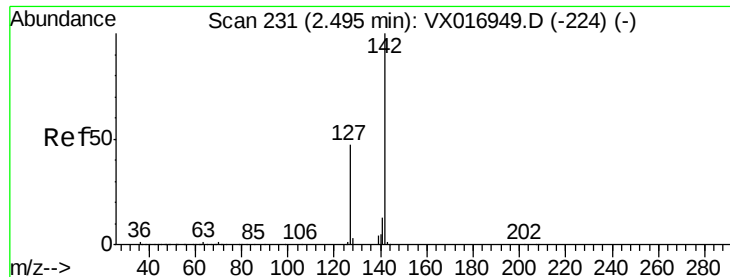
61 169.0 141.3 211.9

98 65.2 47.0 70.4



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

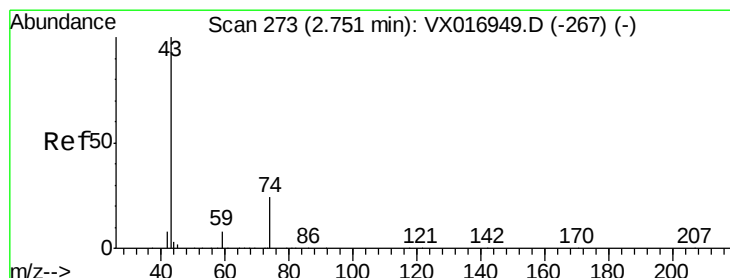
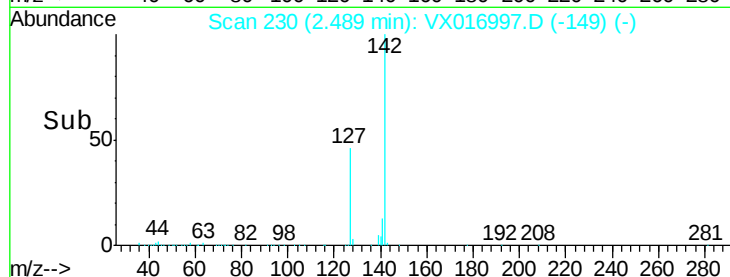
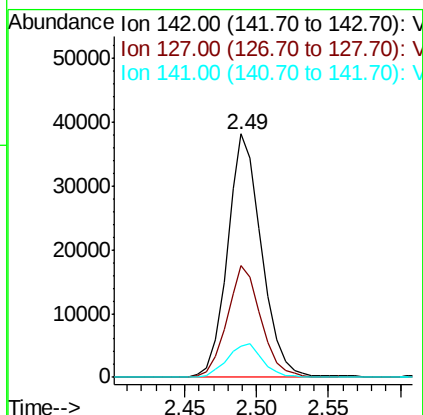
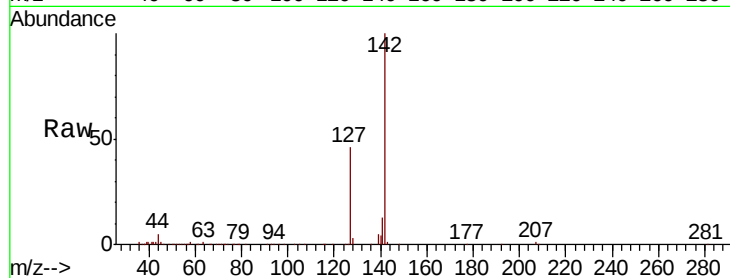




#11
Methyl Iodide
Concen: 14.102 ug/l
RT: 2.49 min Scan# 230
Delta R.T. -0.01 min
Lab File: VX016997.D
Acq: 26 Jun 2020 22:33

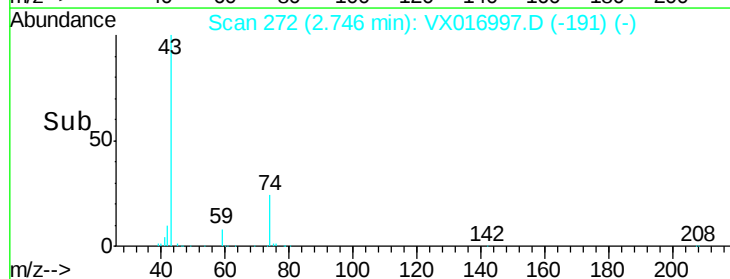
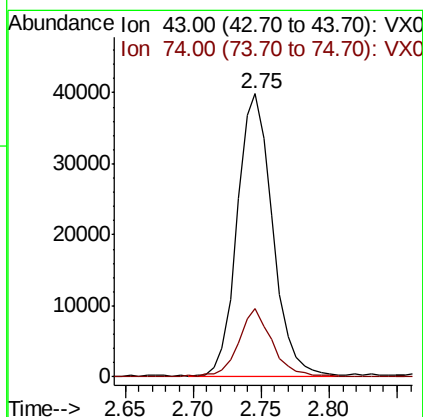
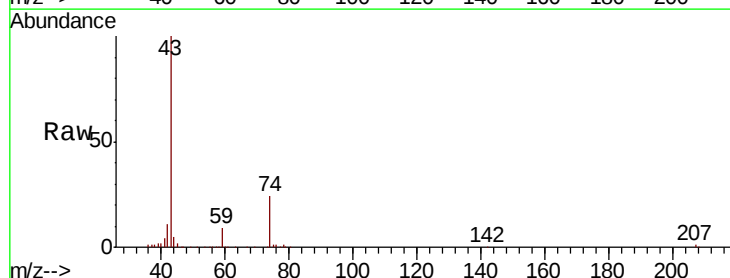
Instrument :
MSVOA_X
ClientSampled :

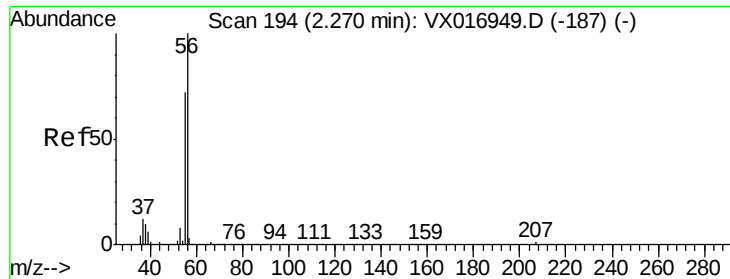
Tot Ion:142 Resp: 63018
Ion Ratio Lower Upper
142 100
127 45.9 23.3 69.9
141 12.7 6.7 20.1



#12
Methyl Acetate
Concen: 17.067 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX016997.D
Acq: 26 Jun 2020 22:33

Tgt Ion: 43 Resp: 72051
Ion Ratio Lower Upper
43 100
74 23.7 19.1 28.7





#13

Acrolein

Concen: 79.804 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX016997.D

Acq: 26 Jun 2020 22:33

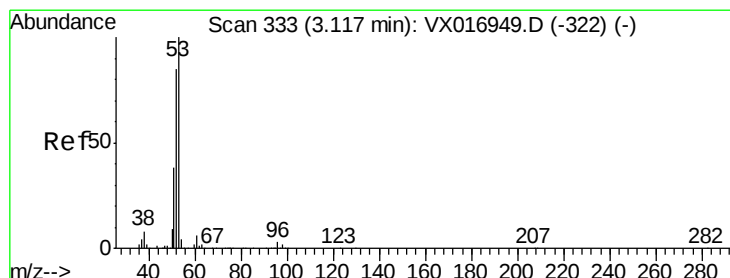
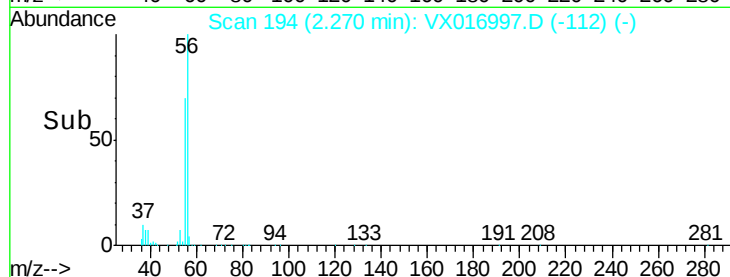
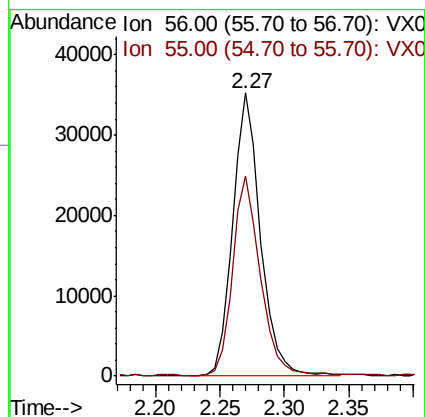
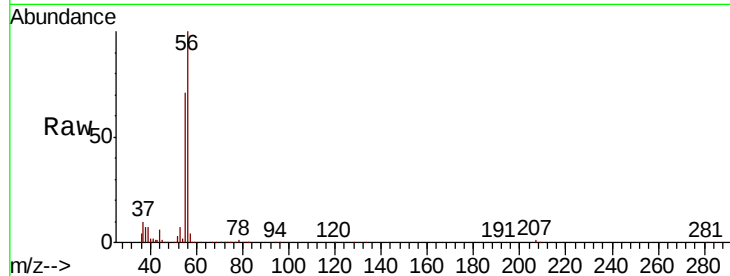
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 53163

Ion Ratio Lower Upper

56 100

55 69.3 56.2 84.4



#14

Acrylonitrile

Concen: 84.526 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016997.D

Acq: 26 Jun 2020 22:33

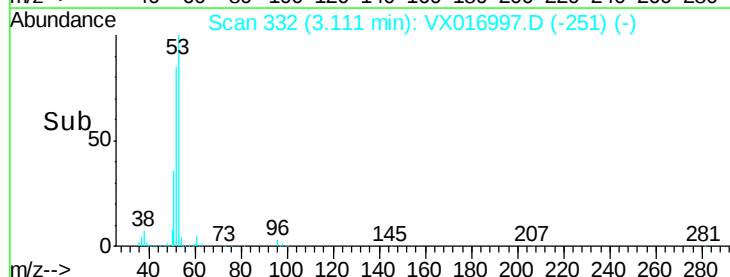
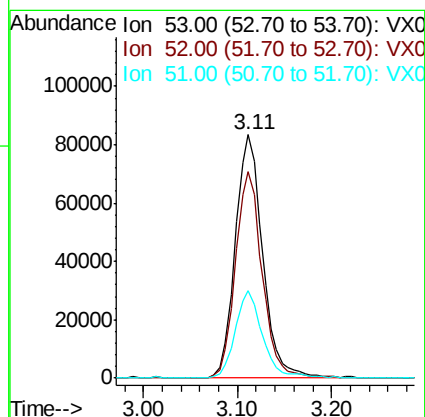
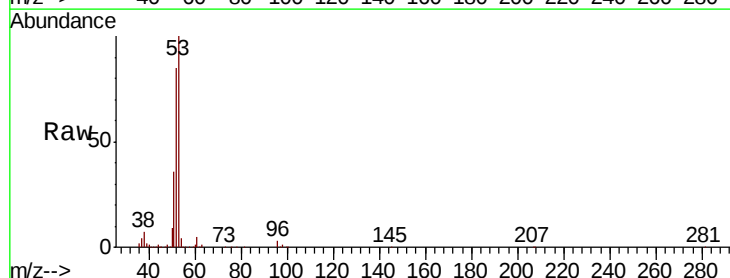
Tgt Ion: 53 Resp: 169015

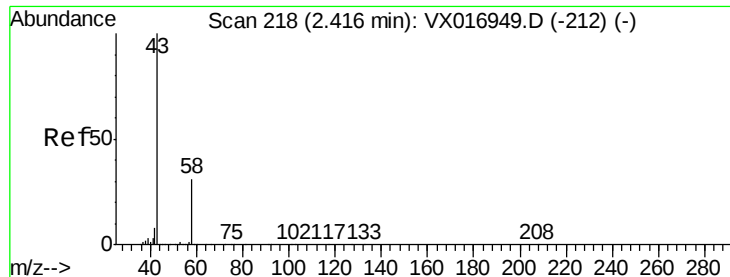
Ion Ratio Lower Upper

53 100

52 82.5 40.6 121.8

51 34.4 18.4 55.4





#15

Acetone

Concen: 81.040 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX016997.D

Acq: 26 Jun 2020 22:33

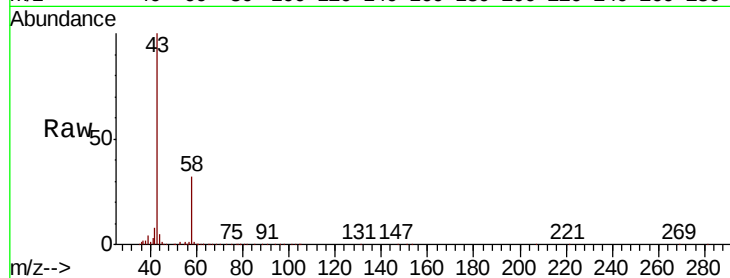
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 58 Resp: 41935

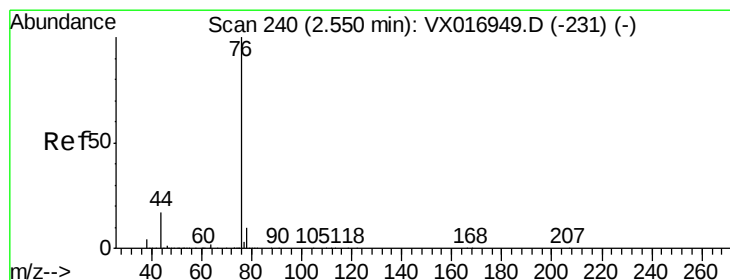
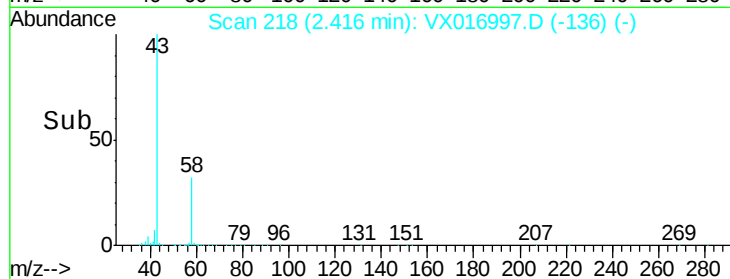
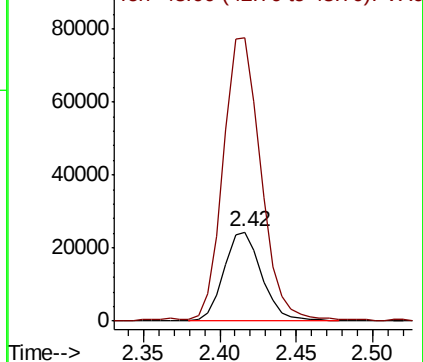
Ion Ratio Lower Upper

58 100

43 316.0 257.6 386.4



Abundance Ion 58.00 (57.70 to 58.70): VX0
Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 17.204 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016997.D

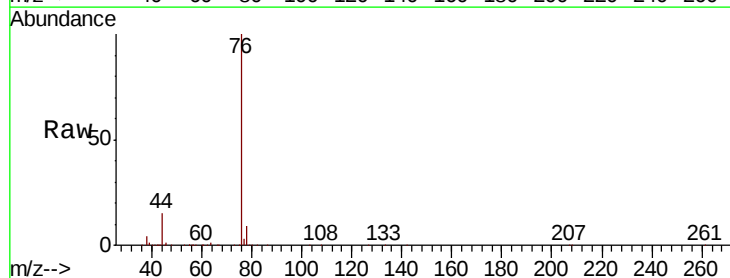
Acq: 26 Jun 2020 22:33

Tgt Ion: 76 Resp: 181007

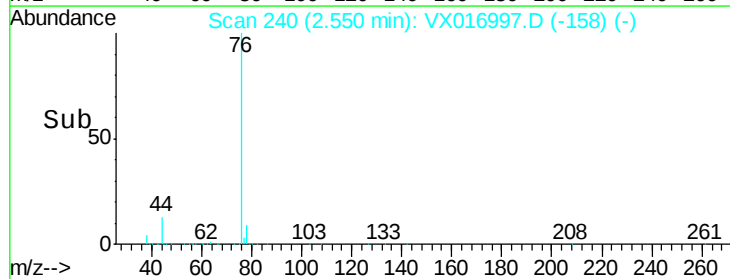
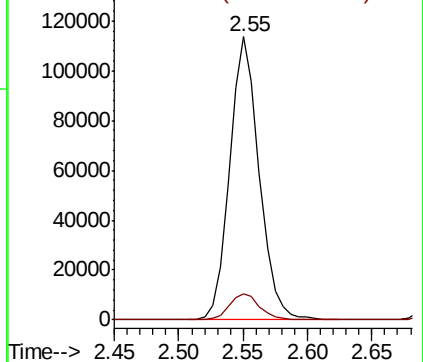
Ion Ratio Lower Upper

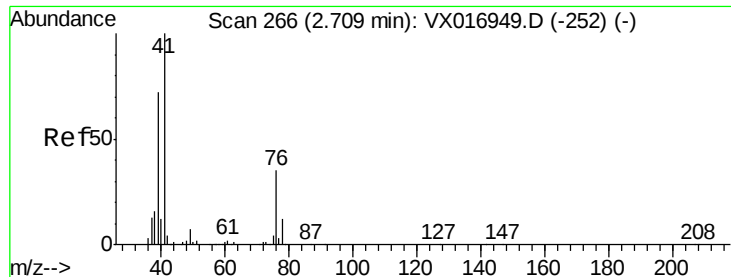
76 100

78 9.0 7.6 11.4



Abundance Ion 76.00 (75.70 to 76.70): VX0
Ion 78.00 (77.70 to 78.70): VX0

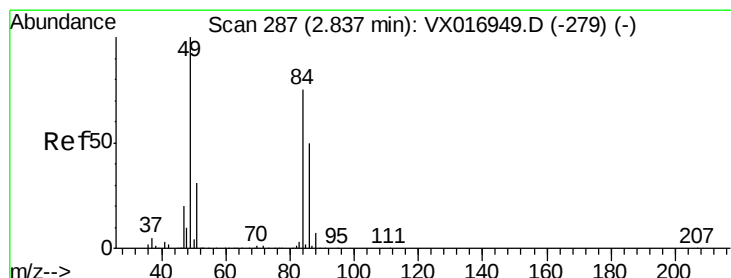
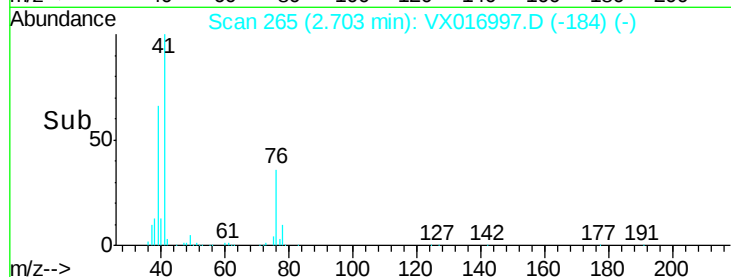
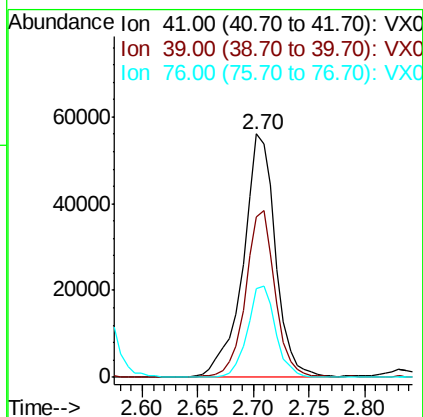
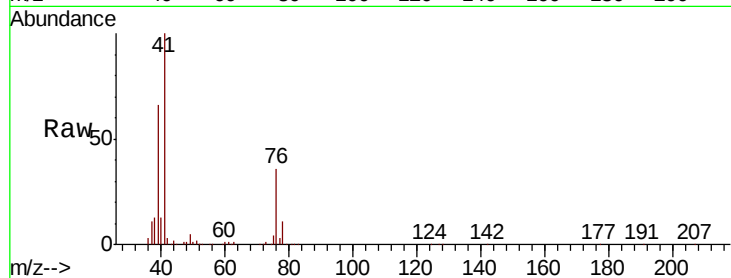




#17
Allvl chloride
Concen: 17.933 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX016997.D
Acq: 26 Jun 2020 22:33

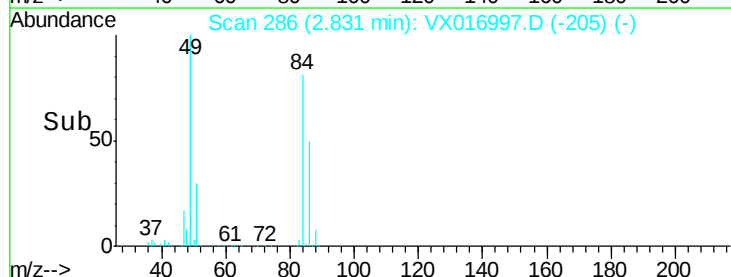
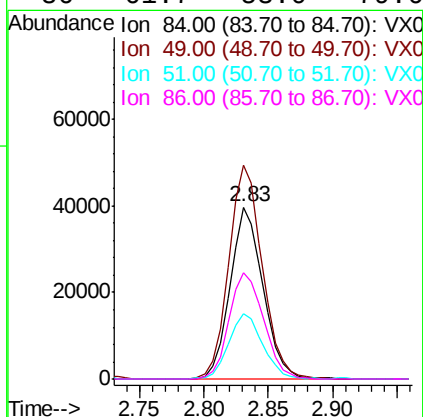
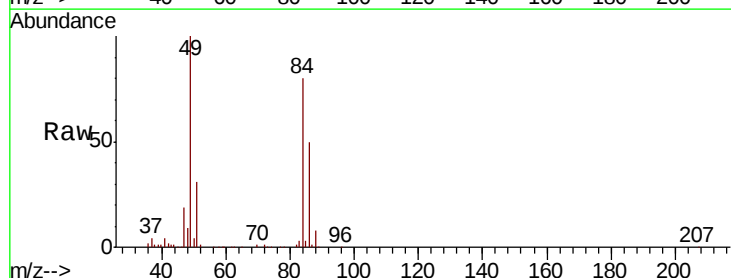
Instrument :
MSVOA_X
ClientSampleId :

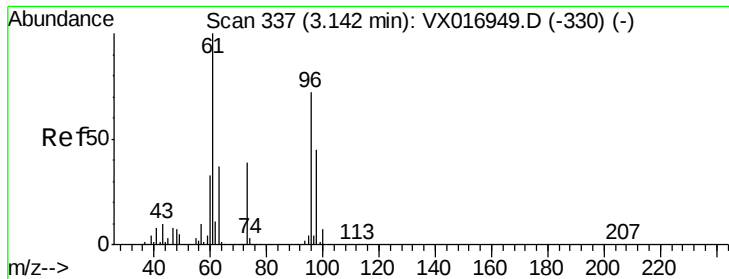
Tot Ion: 41 Resp: 112355
Ion Ratio Lower Upper
41 100
39 65.6 35.9 107.8
76 36.2 17.6 52.8



#18
Methylene Chloride
Concen: 17.571 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX016997.D
Acq: 26 Jun 2020 22:33

Tgt Ion: 84 Resp: 70833
Ion Ratio Lower Upper
84 100
49 124.0 106.6 159.8
51 37.8 32.7 49.1
86 61.7 53.0 79.6





#19

trans-1,2-Dichloroethene

Concen: 18.214 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX016997.D

Acq: 26 Jun 2020 22:33

Instrument :

MSVOA_X

ClientSampleId :

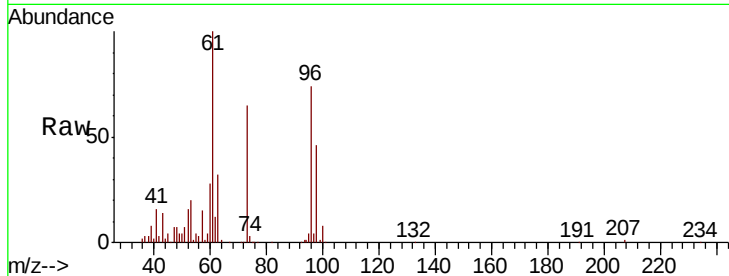
Tot Ion: 96 Resp: 69070

Ion Ratio Lower Upper

96 100

61 135.3 110.6 165.8

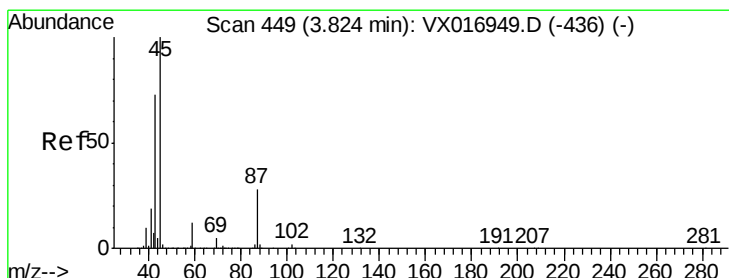
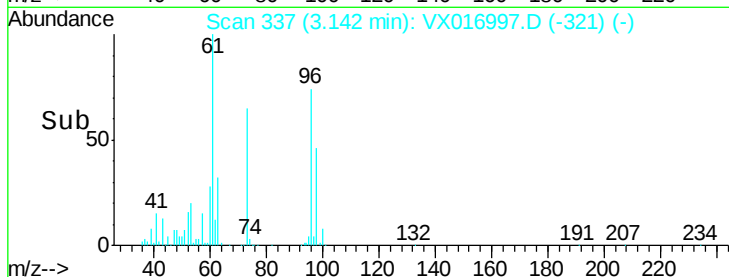
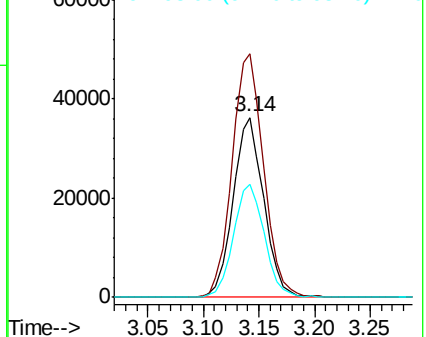
98 62.7 49.8 74.6



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



#20

Diisopropyl ether

Concen: 18.120 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX016997.D

Acq: 26 Jun 2020 22:33

Tgt Ion: 45 Resp: 226889

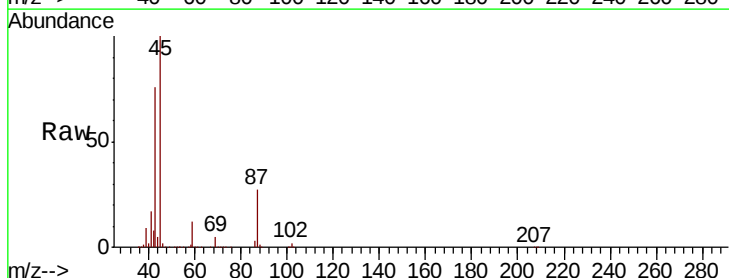
Ion Ratio Lower Upper

45 100

43 75.6 63.9 95.9

87 26.9 22.2 33.4

59 12.0 9.8 14.6

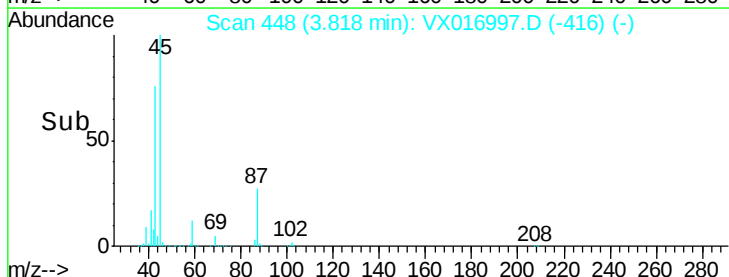
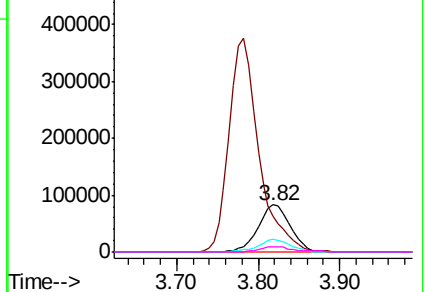


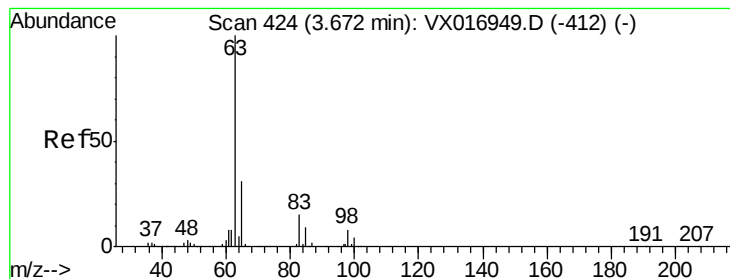
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#21

1,1-Dichloroethane

Concen: 17.800 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016997.D

Acq: 26 Jun 2020 22:33

Instrument :

MSVOA_X

ClientSampleId :

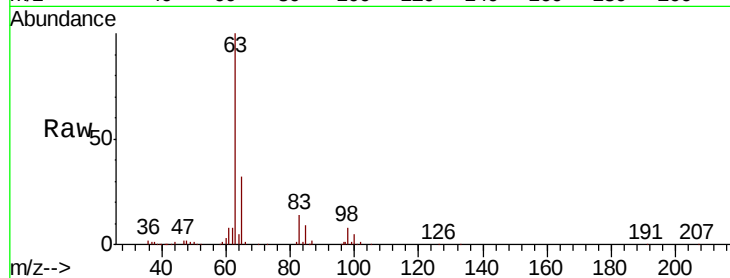
Tot Ion: 63 Resp: 122898

Ion Ratio Lower Upper

63 100

98 7.5 3.8 11.4

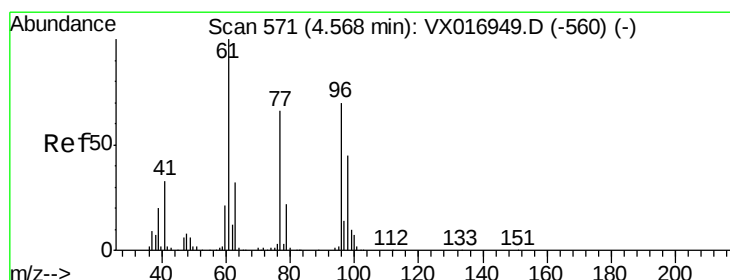
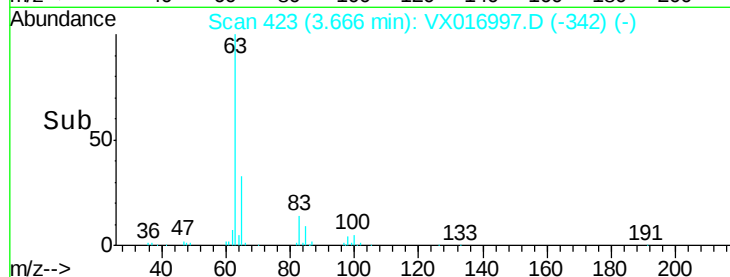
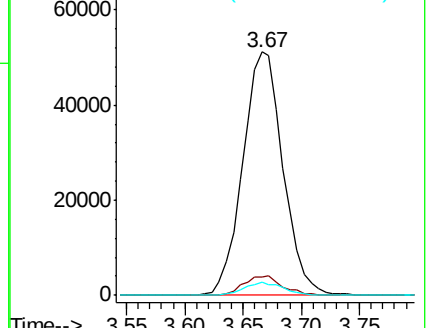
100 5.3 2.2 6.6



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: 18.863 ug/l

RT: 4.56 min Scan# 569

Delta R.T. -0.01 min

Lab File: VX016997.D

Acq: 26 Jun 2020 22:33

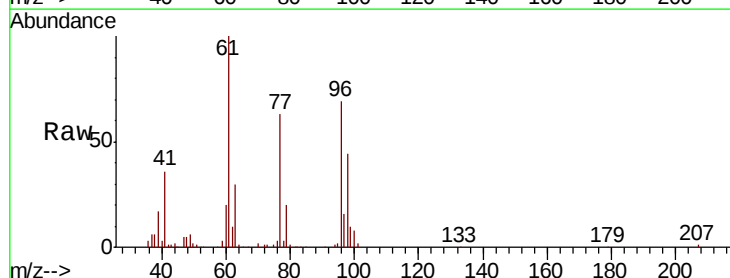
Tgt Ion: 96 Resp: 79640

Ion Ratio Lower Upper

96 100

61 142.8 120.8 181.2

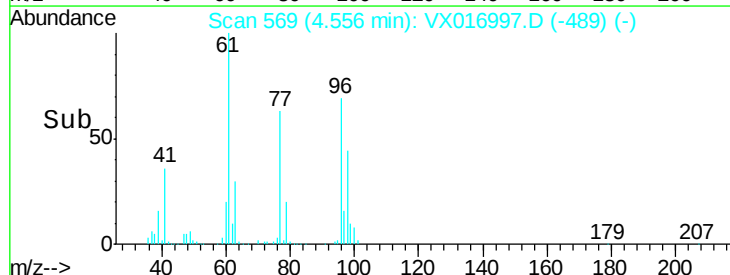
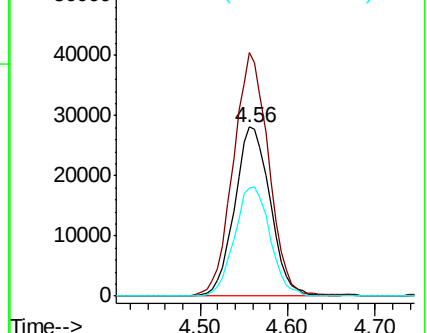
98 64.6 51.7 77.5

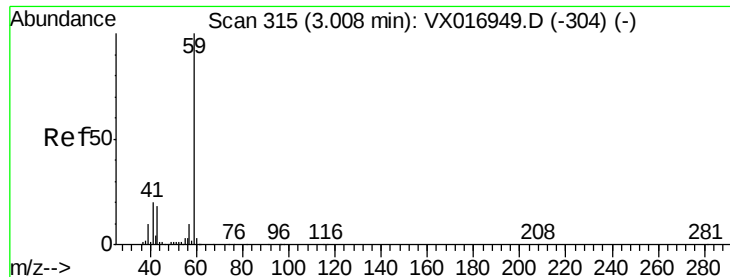


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



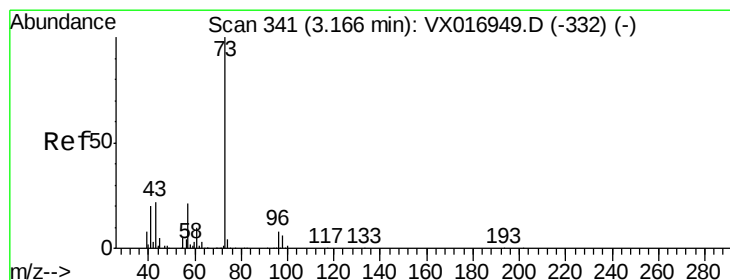
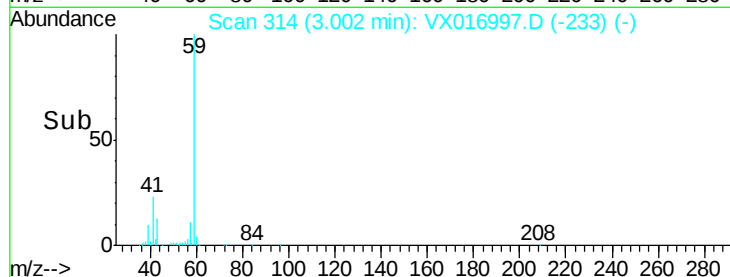
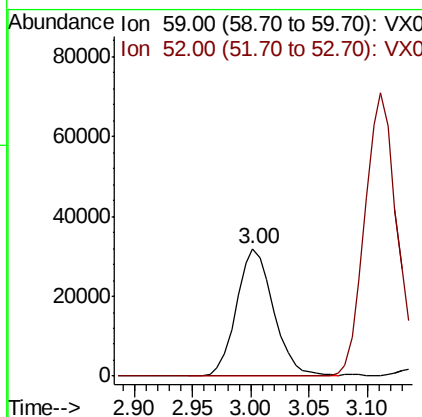
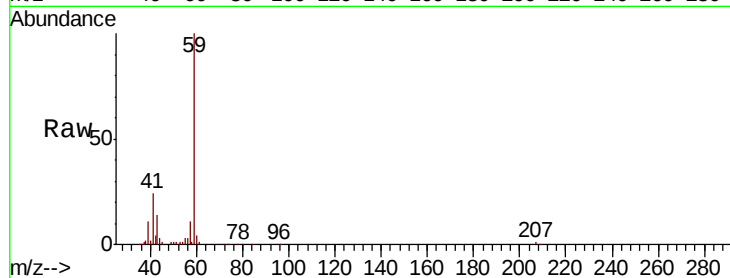


#23

tert-Butyl Alcohol
 Concen: 80.011 ug/l
 RT: 3.00 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX016997.D
 Acq: 26 Jun 2020 22:33

Instrument :
 MSVOA_X
 ClientSampled :

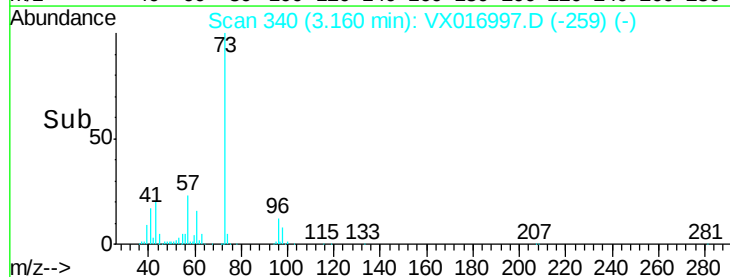
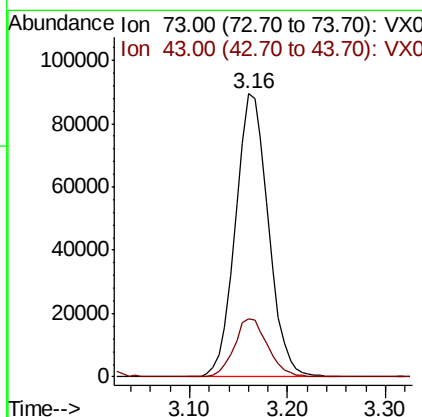
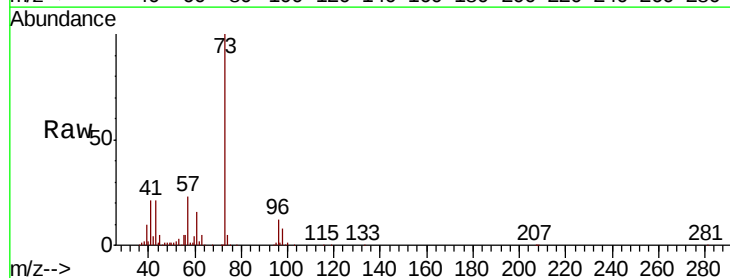
Tot Ion: 59 Resp: 70869
 Ion Ratio Lower Upper
 59 100
 52 0.1 0.1 0.1#

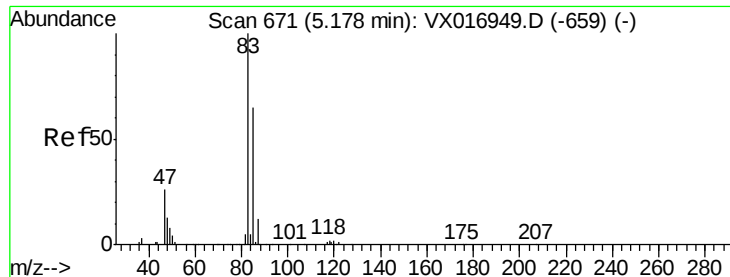


#24

Methyl tert-Butyl Ether
 Concen: 17.387 ug/l
 RT: 3.16 min Scan# 340
 Delta R.T. -0.01 min
 Lab File: VX016997.D
 Acq: 26 Jun 2020 22:33

Tgt Ion: 73 Resp: 207782
 Ion Ratio Lower Upper
 73 100
 43 20.8 17.2 25.8





#25

Chloroform

Concen: 18.252 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX016997.D

Acq: 26 Jun 2020 22:33

Instrument :

MSVOA_X

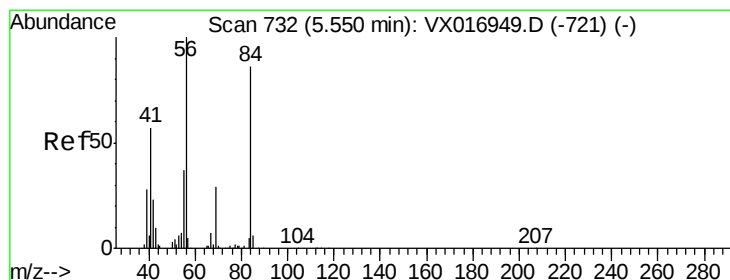
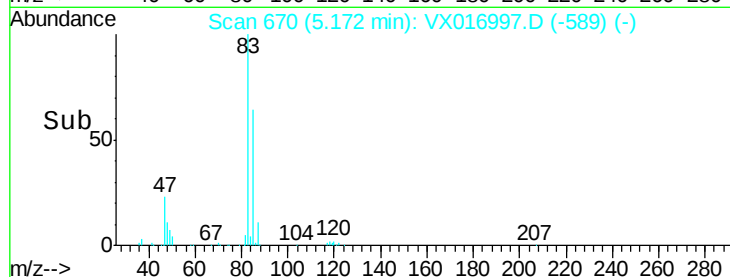
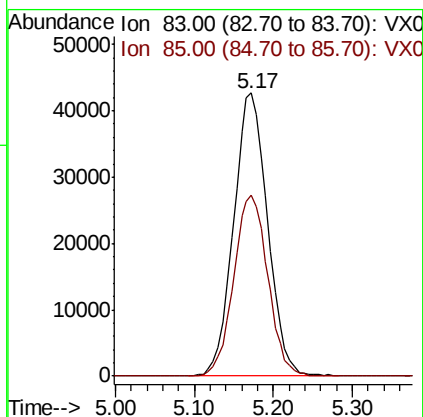
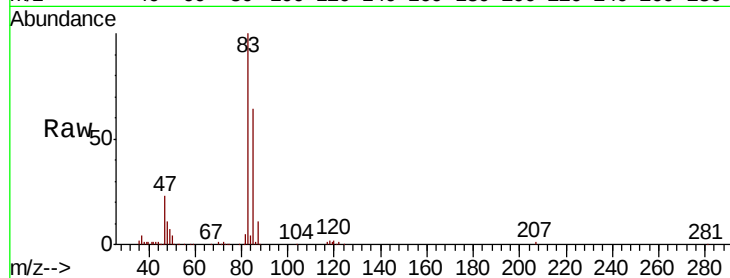
ClientSampleId :

Tot Ion: 83 Resp: 127771

Ion Ratio Lower Upper

83 100

85 63.9 52.1 78.1



#26

Cyclohexane

Concen: 17.546 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.01 min

Lab File: VX016997.D

Acq: 26 Jun 2020 22:33

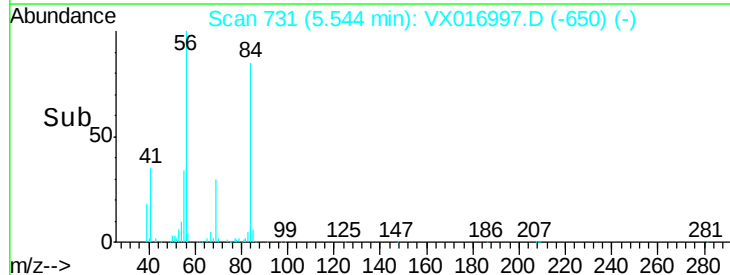
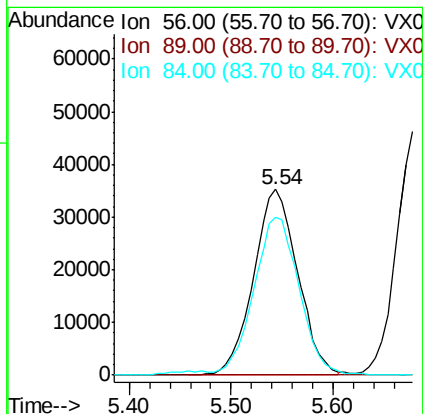
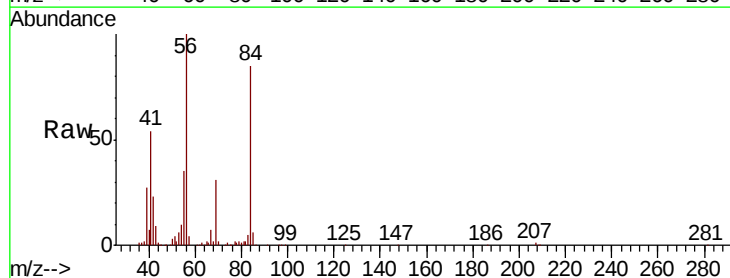
Tgt Ion: 56 Resp: 105678

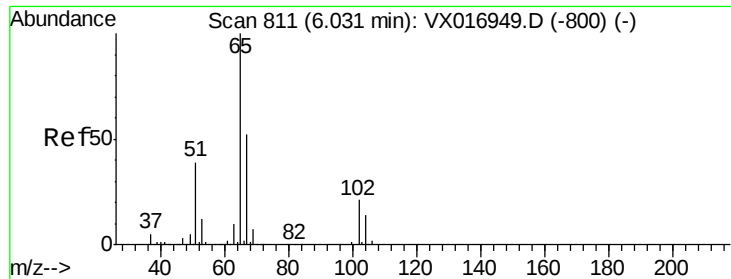
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 86.0 69.0 103.6





#27

1,2-Dichloroethane-d4

Concen: 29.738 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX016997.D

Acq: 26 Jun 2020 22:33

Instrument :

MSVOA_X

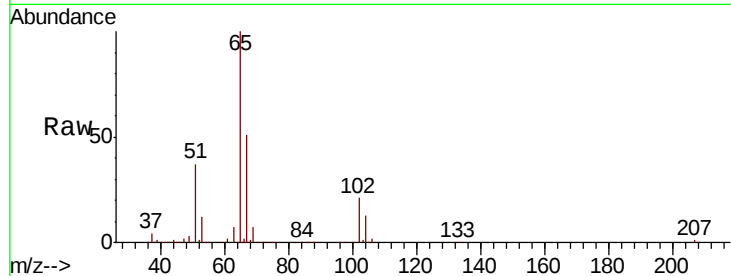
ClientSampleId :

Tot Ion: 65 Resp: 135321

Ion Ratio Lower Upper

65 100

67 51.0 41.5 62.3



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

6.03

50000

40000

30000

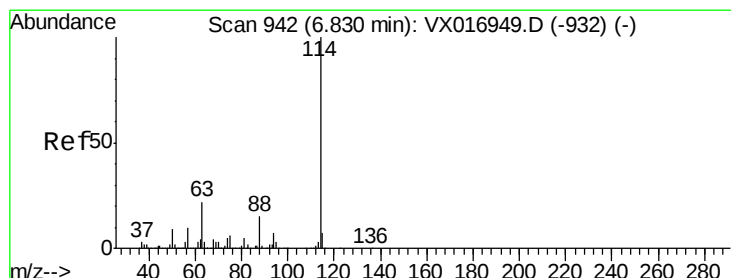
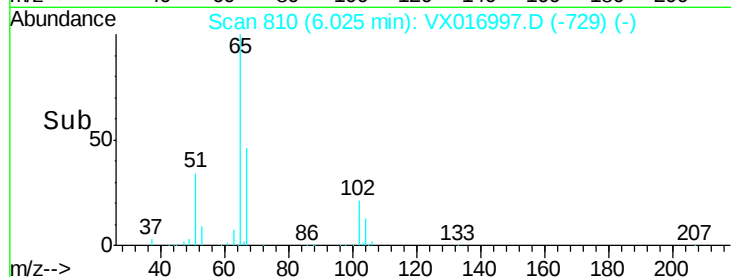
20000

10000

0

Time-->

5.90 6.00 6.10



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.82 min Scan# 941

Delta R.T. -0.01 min

Lab File: VX016997.D

Acq: 26 Jun 2020 22:33

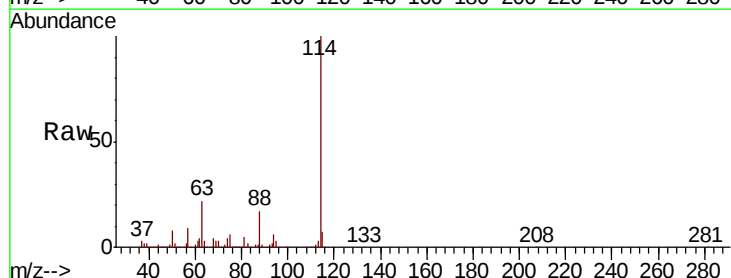
Tgt Ion: 114 Resp: 315130

Ion Ratio Lower Upper

114 100

63 21.2 17.4 26.2

88 16.3 13.0 19.6



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

6.82

150000

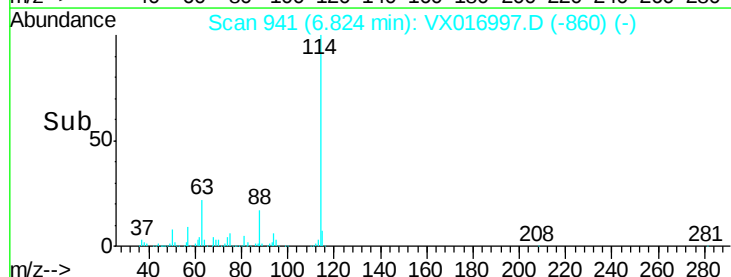
100000

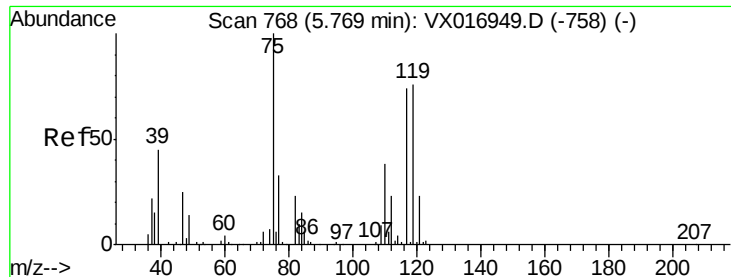
50000

0

Time-->

6.70 6.80 6.90





#29

1,1-Dichloropropene

Concen: 18.080 ug/l

RT: 5.76 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX016997.D

Acq: 26 Jun 2020 22:33

Instrument :
MSVOA_X
ClientSampleId :

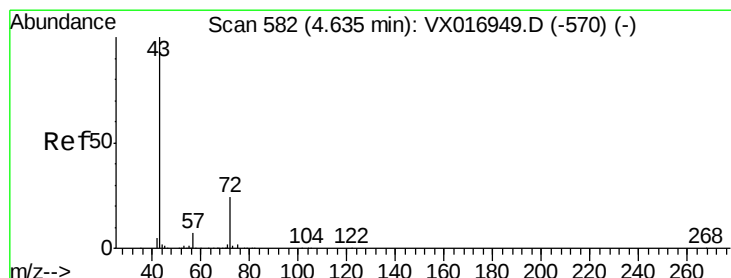
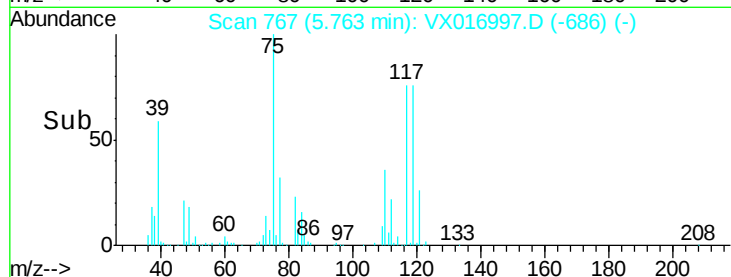
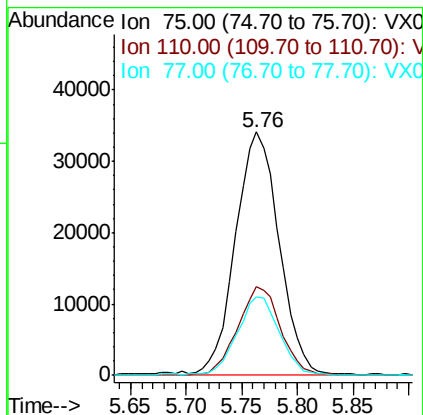
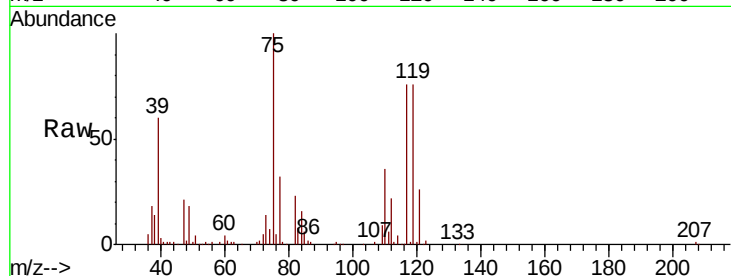
Tot Ion: 75 Resp: 92814

Ion Ratio Lower Upper

75 100

110 35.9 0.0 71.6

77 31.4 0.0 64.0



#30

2-Butanone

Concen: 84.873 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX016997.D

Acq: 26 Jun 2020 22:33

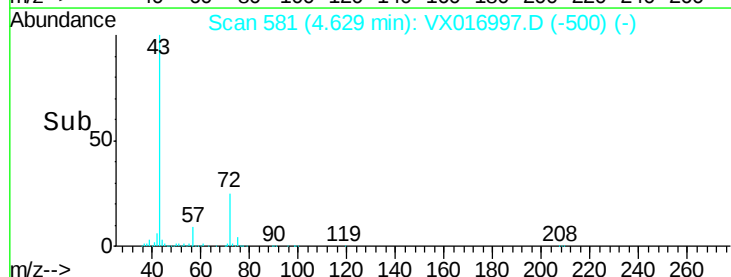
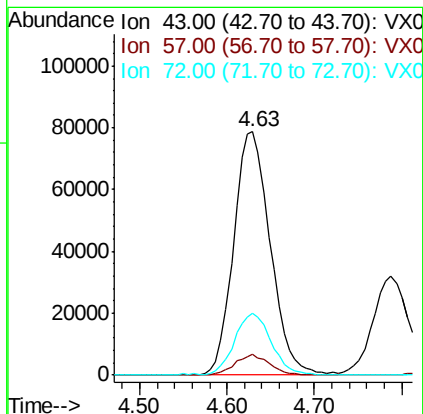
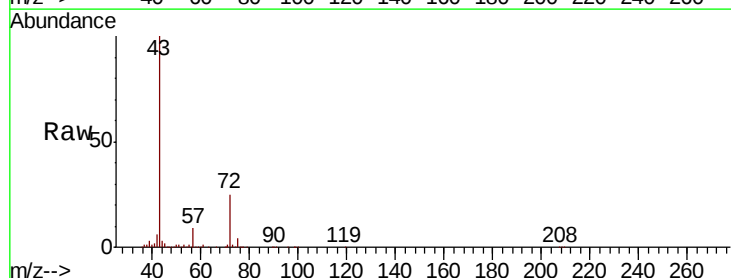
Tgt Ion: 43 Resp: 227106

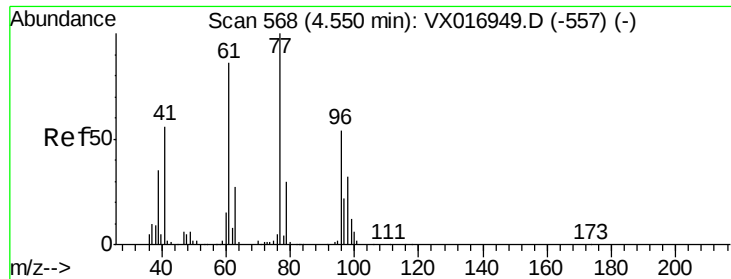
Ion Ratio Lower Upper

43 100

57 8.2 6.2 9.4

72 25.5 20.6 31.0





#31

2,2-Dichloropropane

Concen: 15.466 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX016997.D

Acq: 26 Jun 2020 22:33

Instrument :

MSVOA_X

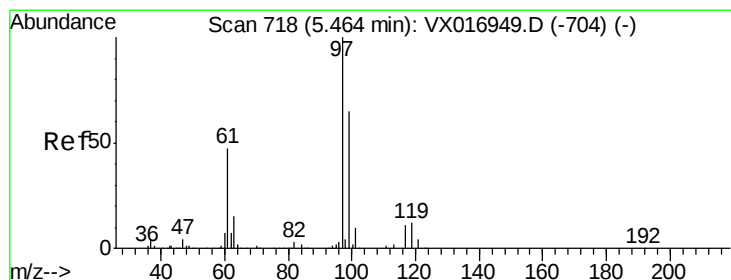
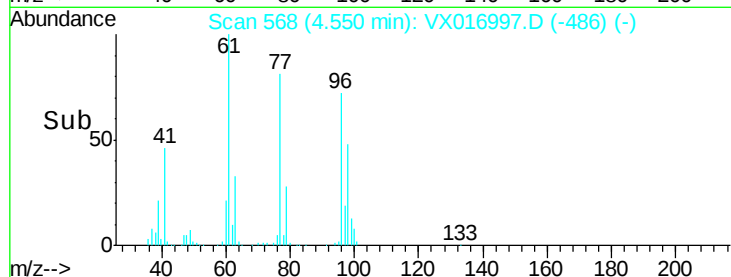
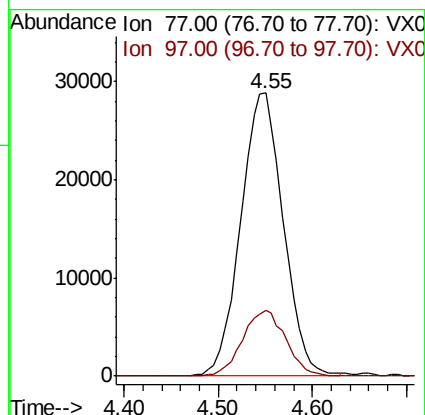
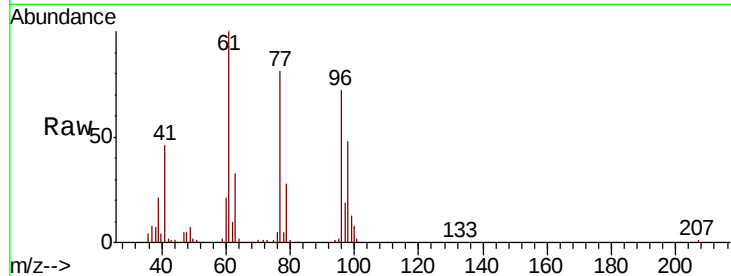
ClientSampleId :

Tot Ion: 77 Resp: 91054

Ion Ratio Lower Upper

77 100

97 23.6 18.5 27.7



#32

1,1,1-Trichloroethane

Concen: 17.983 ug/l

RT: 5.45 min Scan# 716

Delta R.T. -0.01 min

Lab File: VX016997.D

Acq: 26 Jun 2020 22:33

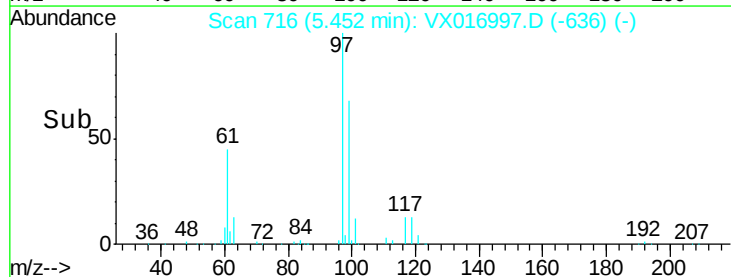
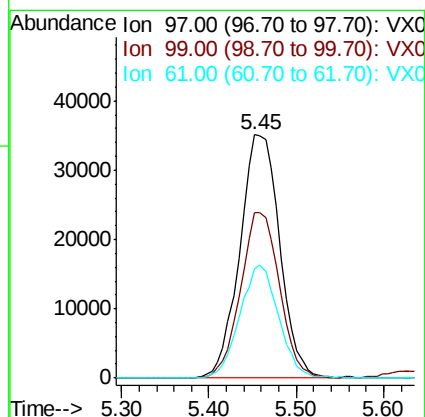
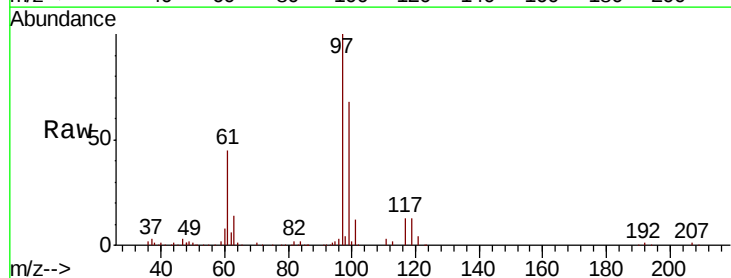
Tgt Ion: 97 Resp: 111704

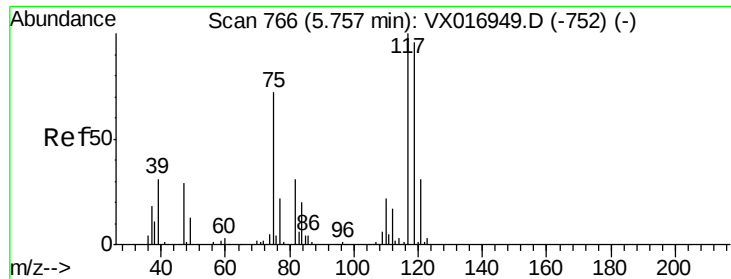
Ion Ratio Lower Upper

97 100

99 66.6 52.2 78.2

61 45.0 36.9 55.3





#33

Carbon Tetrachloride

Concen: 18.798 ug/l

RT: 5.74 min Scan# 764

Delta R.T. -0.01 min

Lab File: VX016997.D

Acq: 26 Jun 2020 22:33

Instrument :

MSVOA_X

ClientSampleId :

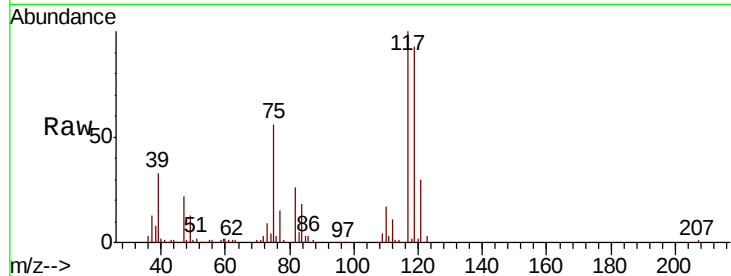
Tot Ion:117 Resp: 103557

Ion Ratio Lower Upper

117 100

119 92.4 77.0 115.4

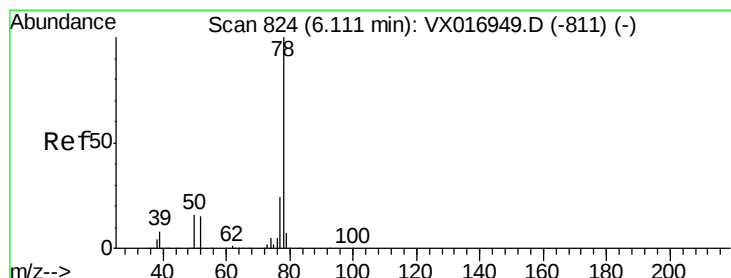
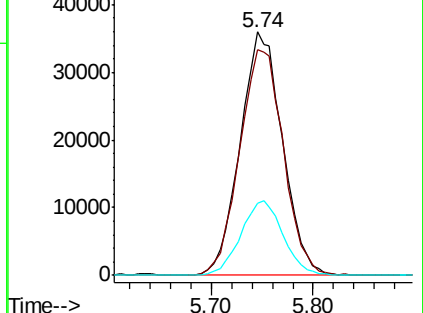
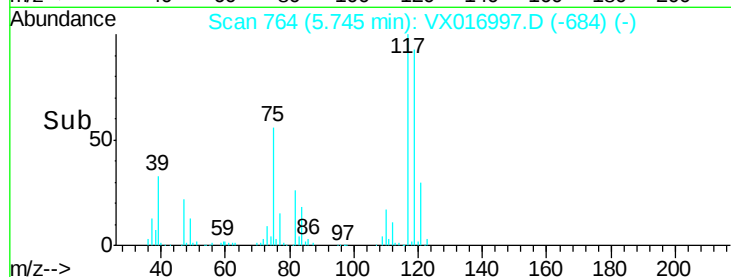
121 29.9 25.0 37.4



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: 18.207 ug/l

RT: 6.10 min Scan# 823

Delta R.T. -0.01 min

Lab File: VX016997.D

Acq: 26 Jun 2020 22:33

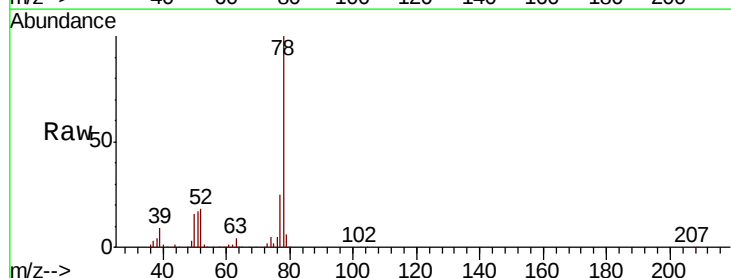
Tgt Ion: 78 Resp: 272156

Ion Ratio Lower Upper

78 100

77 25.3 19.0 28.6

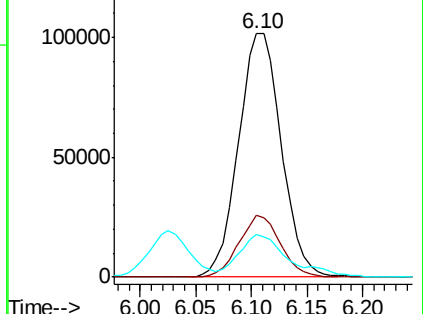
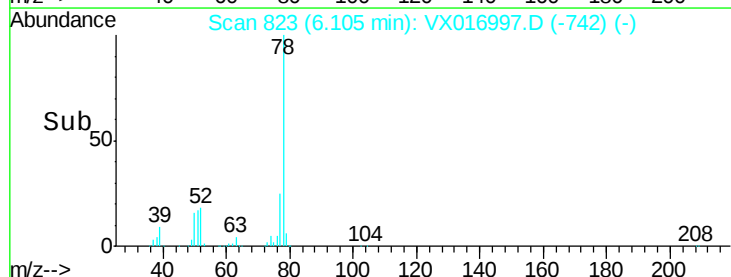
51 15.9 12.8 19.2

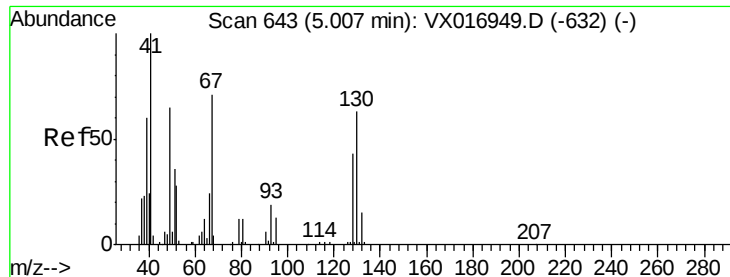


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

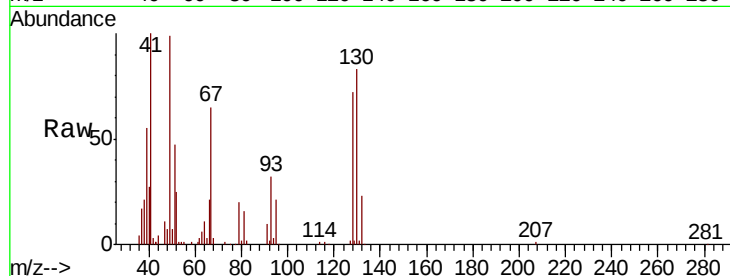




#35
Methacrylonitrile
Concen: 17.459 ug/l
RT: 5.00 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX016997.D
Acq: 26 Jun 2020 22:33

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	51559
Ion	Ratio	Lower	Upper
41	100		
39	55.2	29.8	89.5
67	65.0	35.3	105.9
52	24.6	14.1	42.3



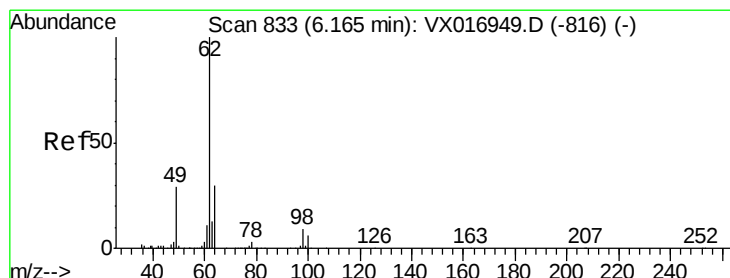
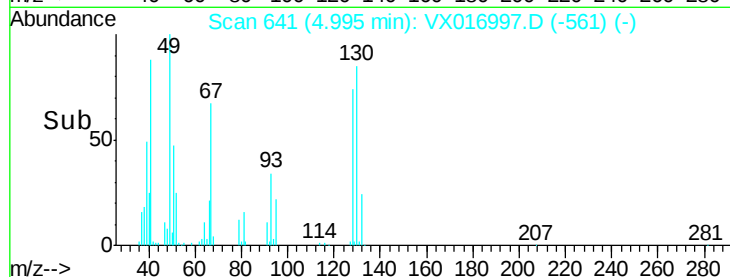
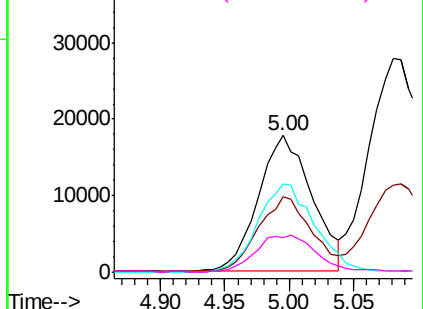
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

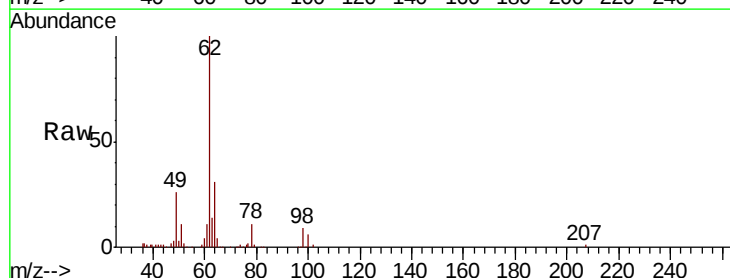
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#36
1,2-Dichloroethane
Concen: 18.052 ug/l
RT: 6.15 min Scan# 831
Delta R.T. -0.01 min
Lab File: VX016997.D
Acq: 26 Jun 2020 22:33

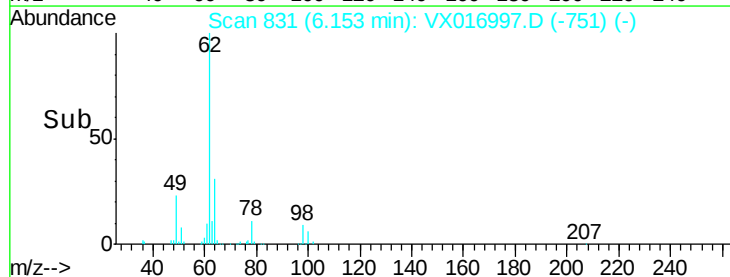
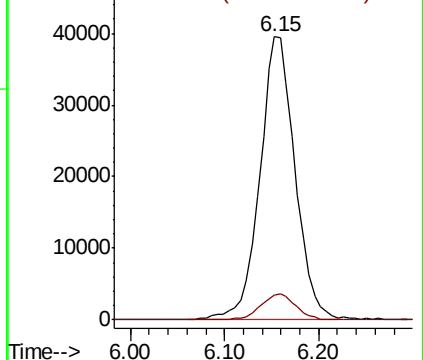
Tgt Ion:	62	Resp:	103343
Ion	Ratio	Lower	Upper
62	100		
98	9.1	7.6	11.4

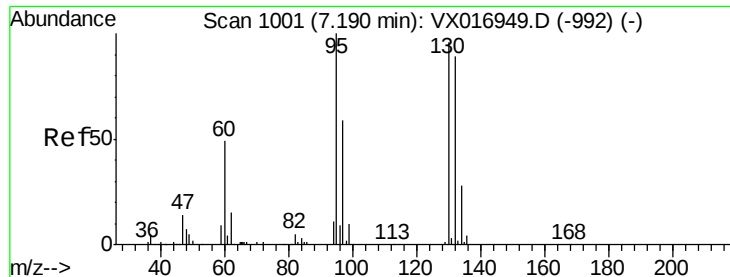


Abundance

Ion 62.00 (61.70 to 62.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#37

Trichloroethene

Concen: 22.600 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.01 min

Lab File: VX016997.D

Acq: 26 Jun 2020 22:33

Instrument :

MSVOA_X

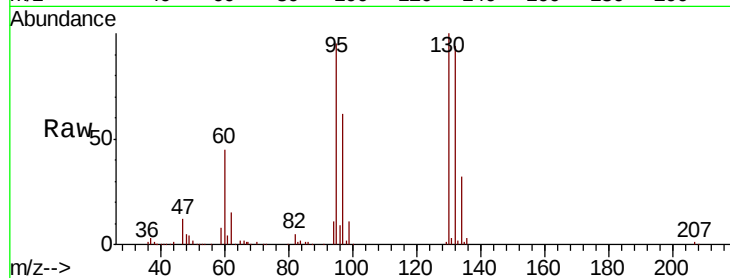
ClientSampled :

Tot Ion:130 Resp: 92180

Ion Ratio Lower Upper

130 100

95 94.7 83.1 124.7



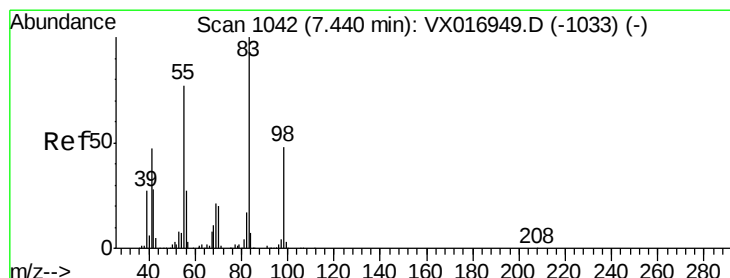
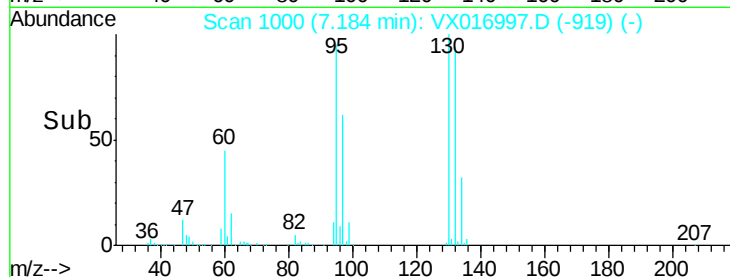
Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

7.18

Time-->

Chromatogram showing abundance versus time (7.10 to 7.25 min). A single sharp peak is visible at 7.18 min.



#38

Methylcyclohexane

Concen: 17.097 ug/l

RT: 7.43 min Scan# 1041

Delta R.T. -0.01 min

Lab File: VX016997.D

Acq: 26 Jun 2020 22:33

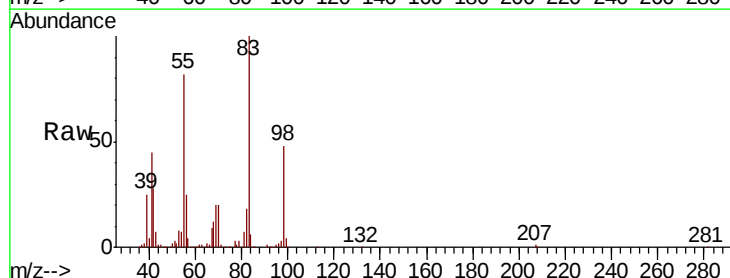
Tgt Ion: 83 Resp: 99956

Ion Ratio Lower Upper

83 100

55 80.9 38.1 114.5

98 48.9 24.6 73.6



Abundance Ion 83.00 (82.70 to 83.70): VX0

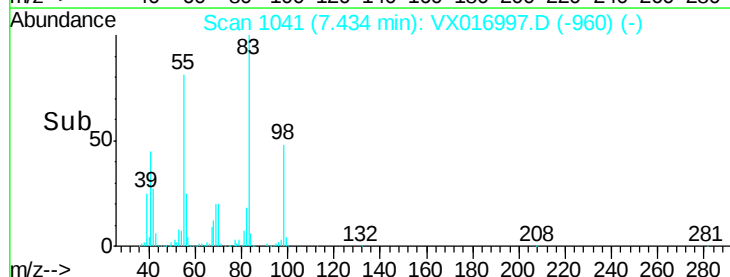
Ion 55.00 (54.70 to 55.70): VX0

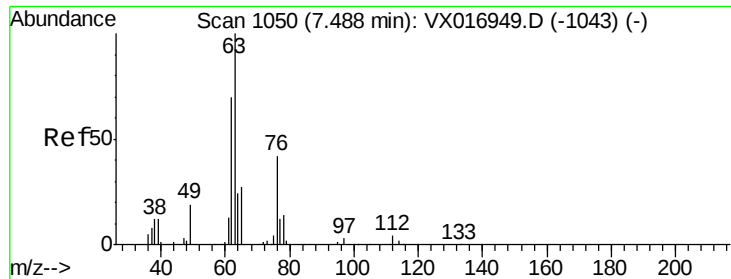
Ion 98.00 (97.70 to 98.70): VX0

7.43

Time-->

Chromatogram showing abundance versus time (7.35 to 7.55 min). A single sharp peak is visible at 7.43 min.

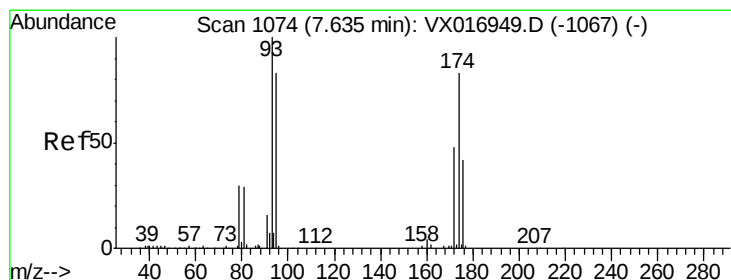
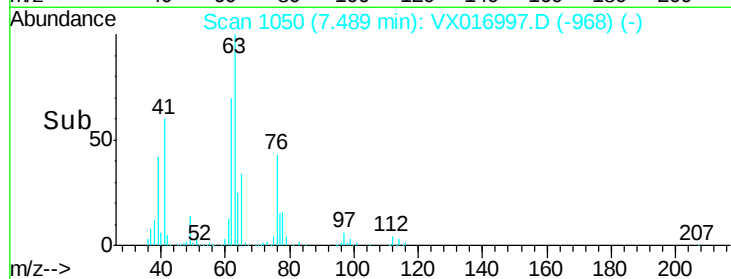
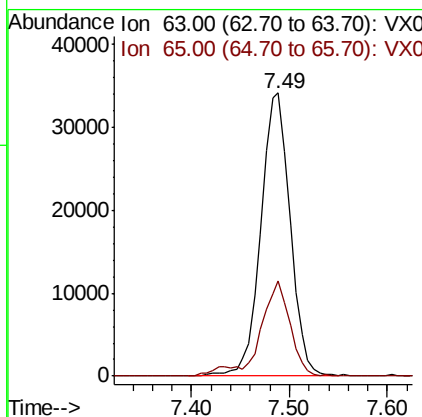
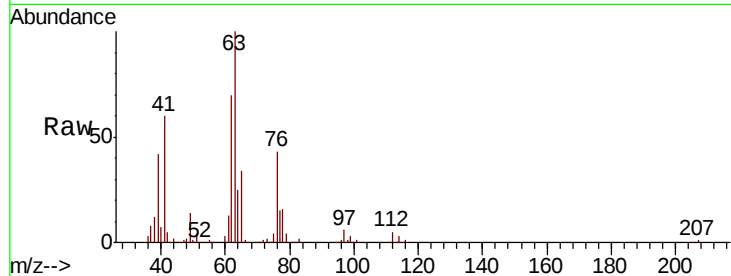




#39
 1,2-Dichloropropane
 Concen: 18.322 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX016997.D
 Acq: 26 Jun 2020 22:33

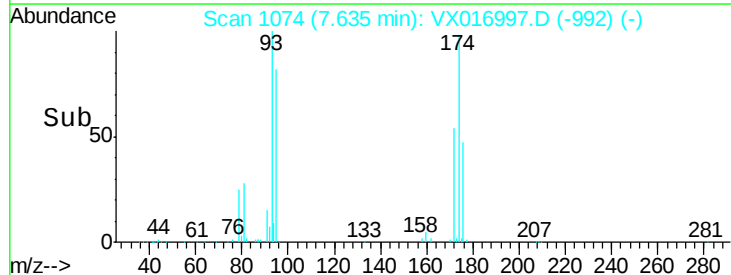
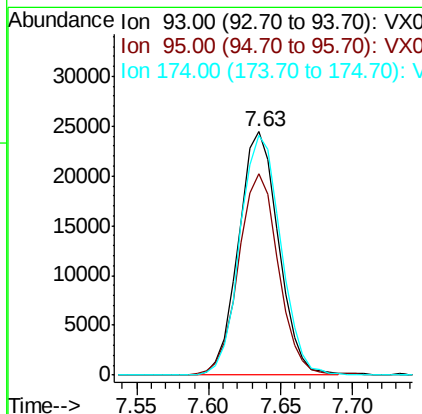
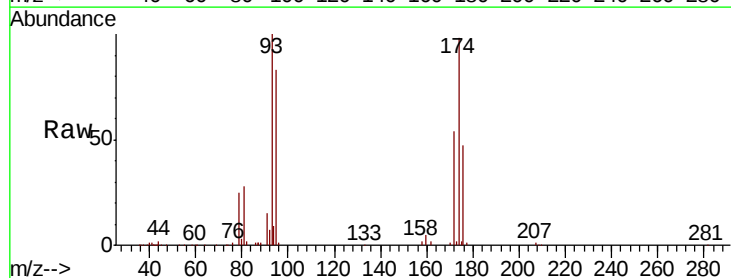
Instrument :
 MSVOA_X
 ClientSampleId :

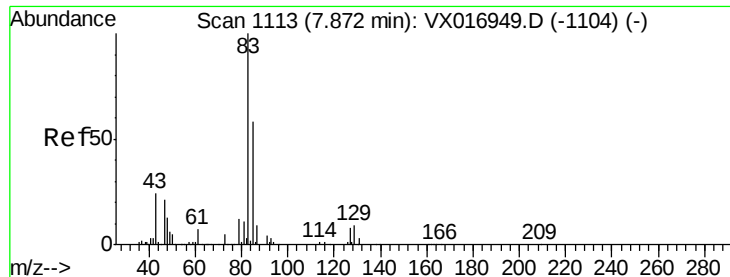
Tot Ion: 63 Resp: 71352
 Ion Ratio Lower Upper
 63 100
 65 33.7 22.8 34.2



#40
 Dibromomethane
 Concen: 17.531 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. 0.00 min
 Lab File: VX016997.D
 Acq: 26 Jun 2020 22:33

Tgt Ion: 93 Resp: 47053
 Ion Ratio Lower Upper
 93 100
 95 82.6 0.0 165.4
 174 100.4 0.0 192.0





#41

Bromodichloromethane

Concen: 18.069 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX016997.D

Acq: 26 Jun 2020 22:33

Instrument :

MSVOA_X

ClientSampleId :

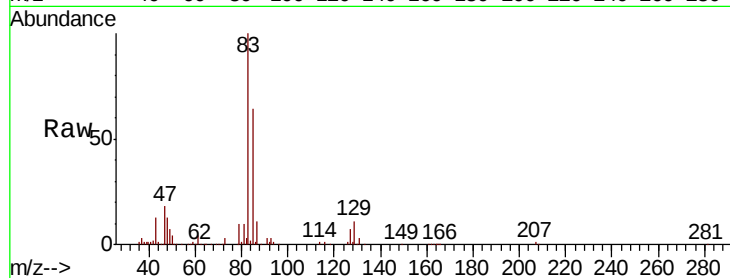
Tot Ion: 83 Resp: 100426

Ion Ratio Lower Upper

83 100

85 63.6 46.7 70.1

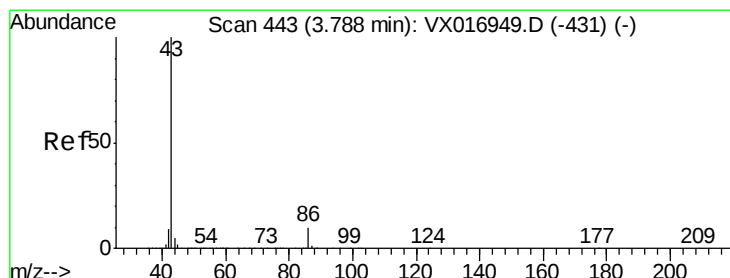
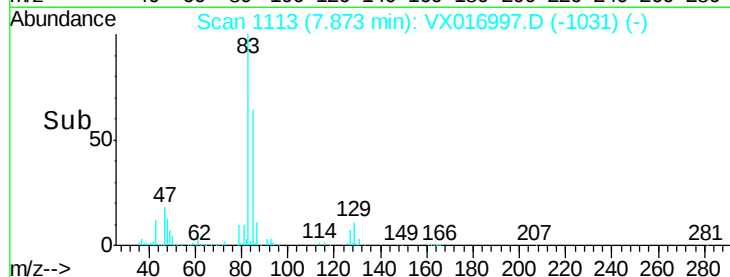
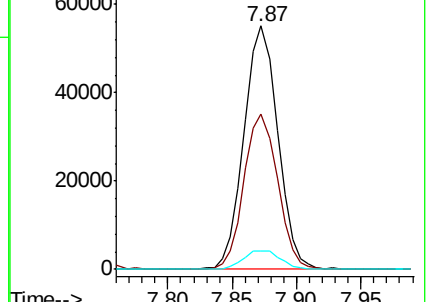
127 7.4 6.5 9.7



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 88.118 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016997.D

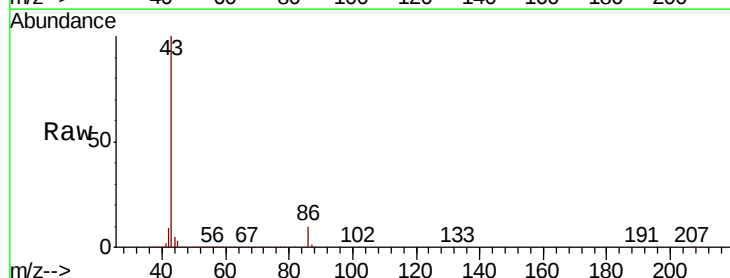
Acq: 26 Jun 2020 22:33

Tgt Ion: 43 Resp: 950192

Ion Ratio Lower Upper

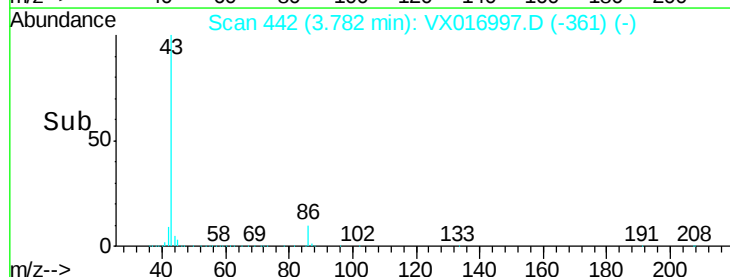
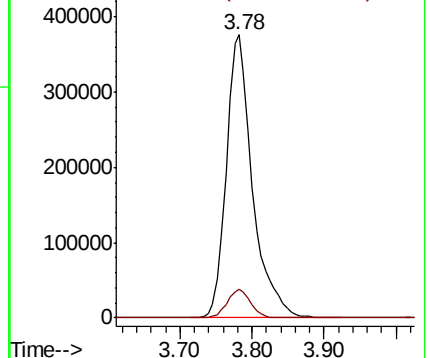
43 100

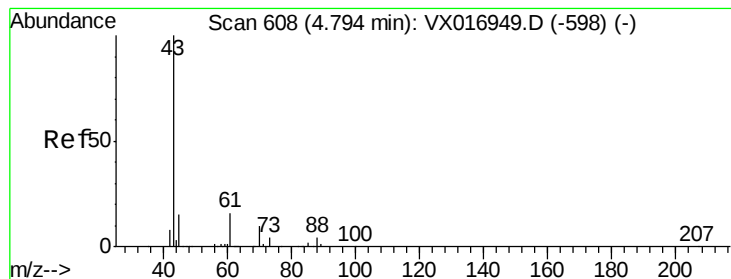
86 9.2 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#43

Ethyl Acetate

Concen: 16.675 ug/l

RT: 4.79 min Scan# 607

Delta R.T. -0.01 min

Lab File: VX016997.D

Acq: 26 Jun 2020 22:33

Instrument :

MSVOA_X

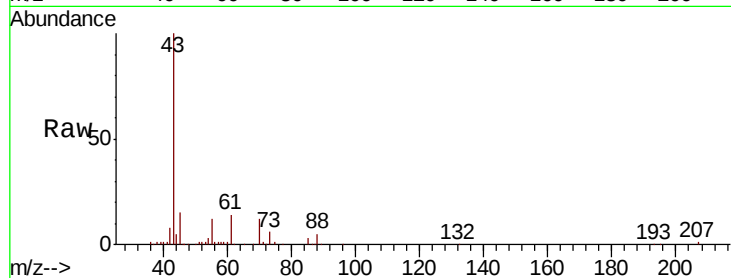
ClientSampled :

Tot Ion: 43 Resp: 92422

Ion Ratio Lower Upper

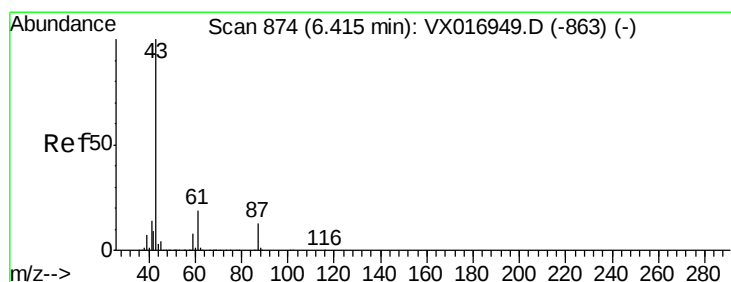
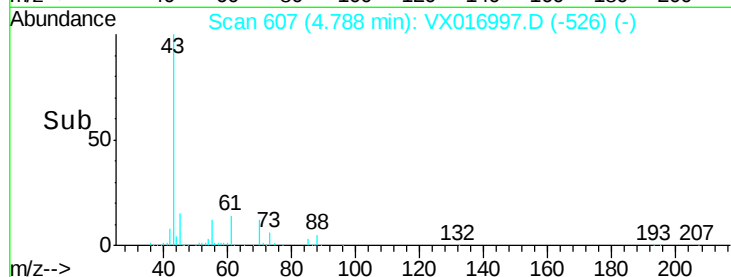
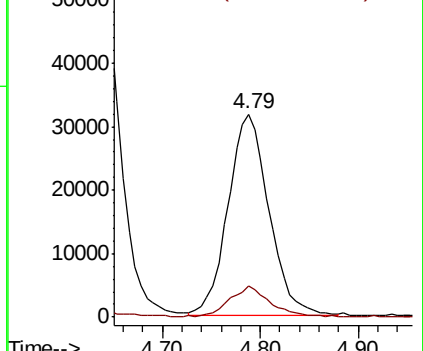
43 100

45 14.6 11.8 17.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#44

Isopropyl Acetate

Concen: 16.597 ug/l

RT: 6.40 min Scan# 872

Delta R.T. -0.01 min

Lab File: VX016997.D

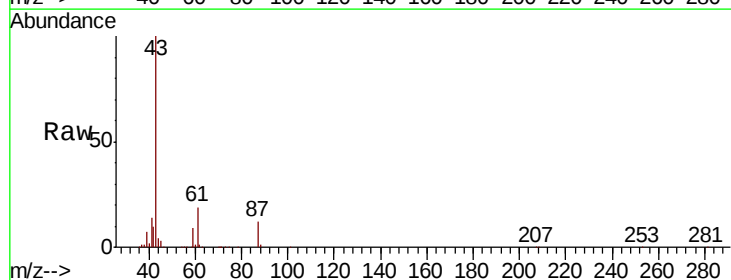
Acq: 26 Jun 2020 22:33

Tgt Ion: 43 Resp: 151631

Ion Ratio Lower Upper

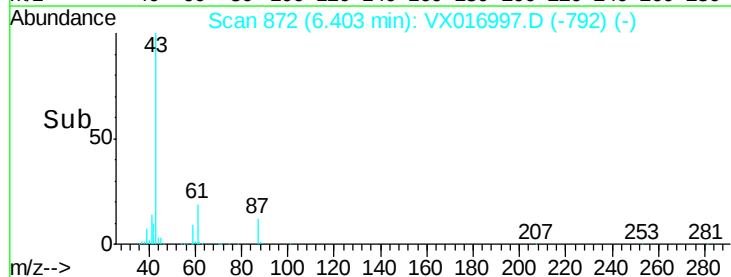
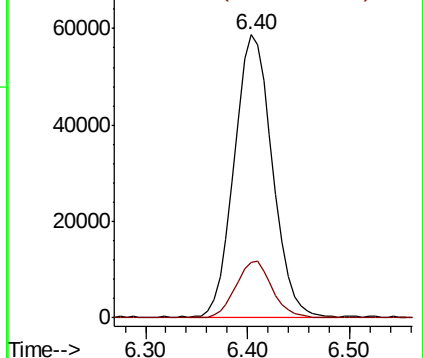
43 100

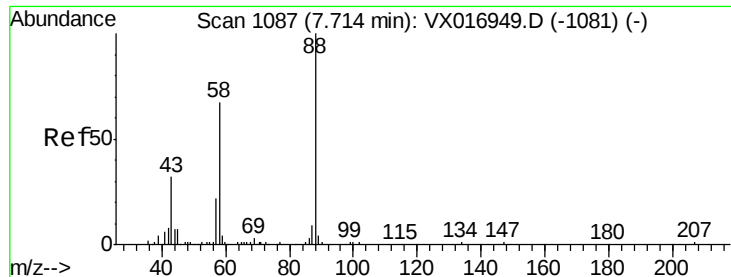
61 19.2 15.4 23.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

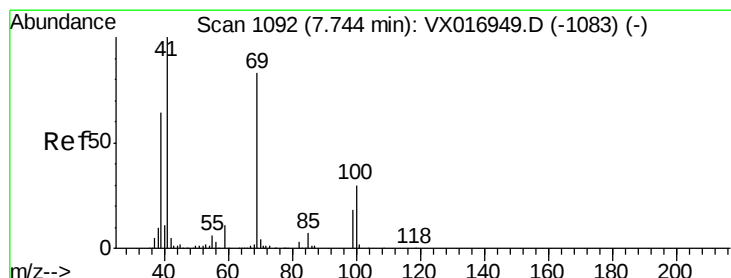
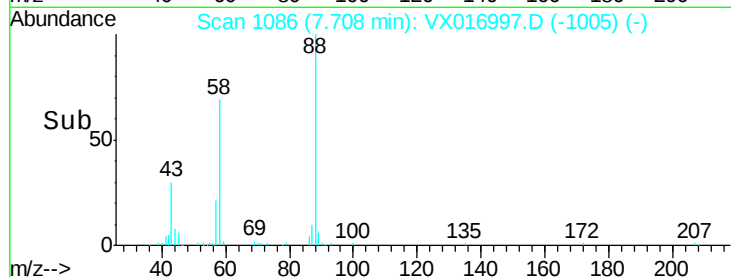
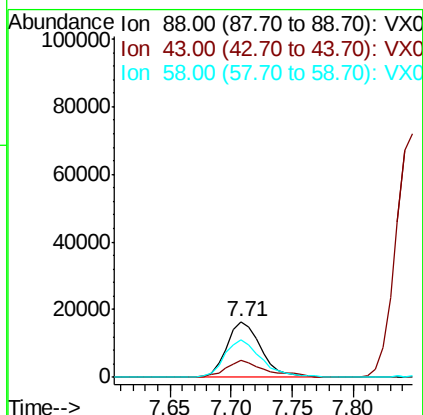
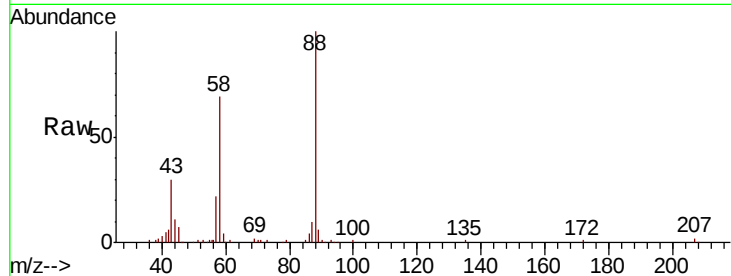




#45
1,4-Dioxane
Concen: 349.197 ug/l
RT: 7.71 min Scan# 1086
Delta R.T. -0.01 min
Lab File: VX016997.D
Acq: 26 Jun 2020 22:33

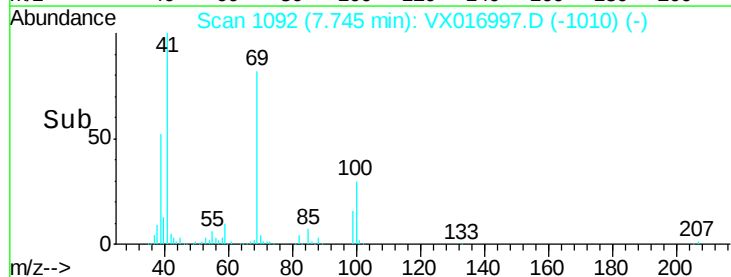
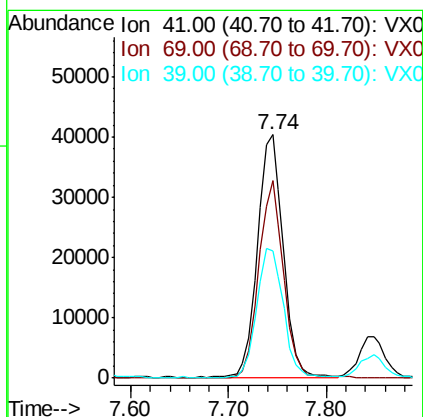
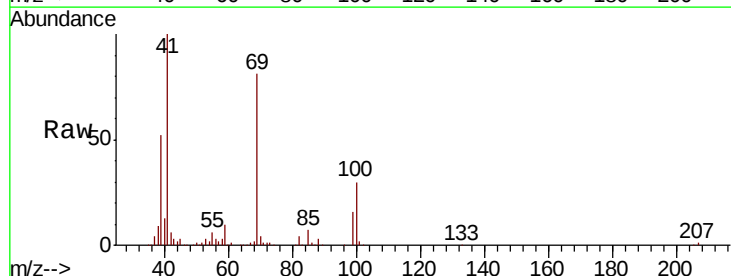
Instrument :
MSVOA_X
ClientSampleId :

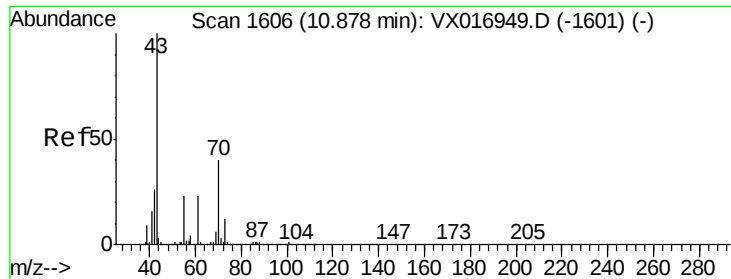
Tot Ion: 88 Resp: 32185
Ion Ratio Lower Upper
88 100
43 34.0 28.9 43.3
58 73.4 56.7 85.1



#46
Methyl methacrylate
Concen: 17.490 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. 0.00 min
Lab File: VX016997.D
Acq: 26 Jun 2020 22:33

Tgt Ion: 41 Resp: 73945
Ion Ratio Lower Upper
41 100
69 81.4 41.3 123.9
39 52.0 32.0 96.2





#47

n-amvl Acetate

Concen: 15.941 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX016997.D

Acq: 26 Jun 2020 22:33

Instrument :

MSVOA_X

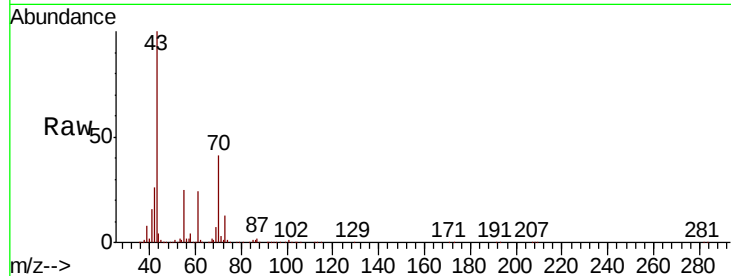
ClientSampleId :

Tot Ion: 43 Resp: 128733

Ion Ratio Lower Upper

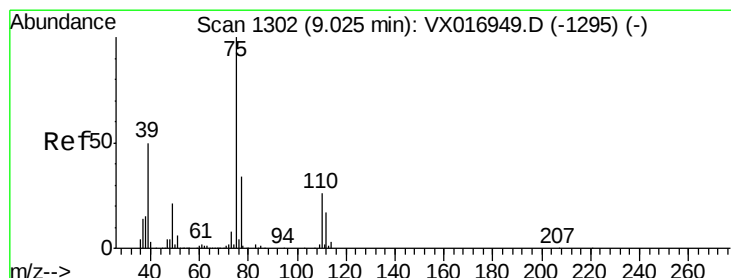
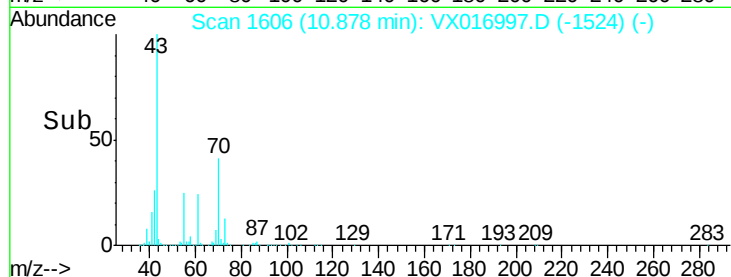
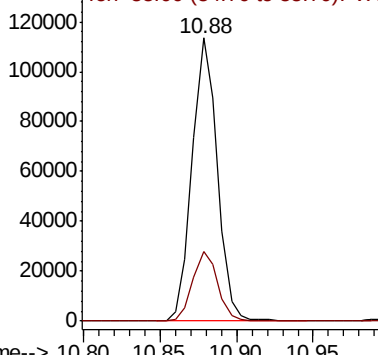
43 100

55 24.9 18.6 27.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#48

t-1,3-Dichloropropene

Concen: 16.912 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX016997.D

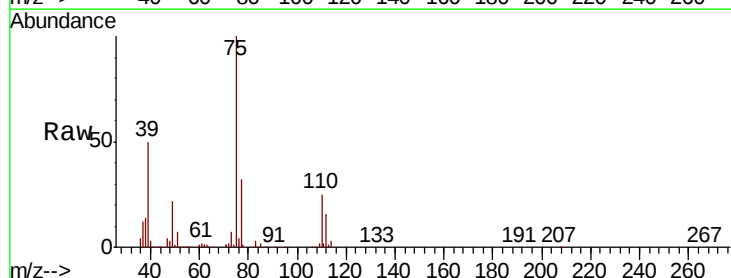
Acq: 26 Jun 2020 22:33

Tgt Ion: 75 Resp: 103927

Ion Ratio Lower Upper

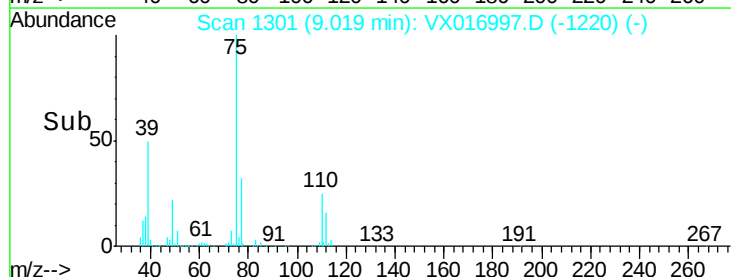
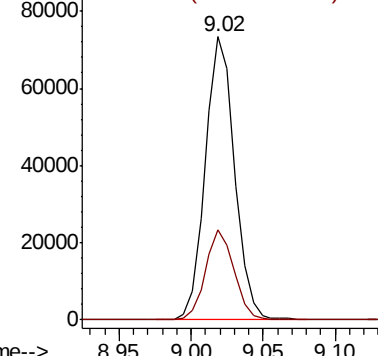
75 100

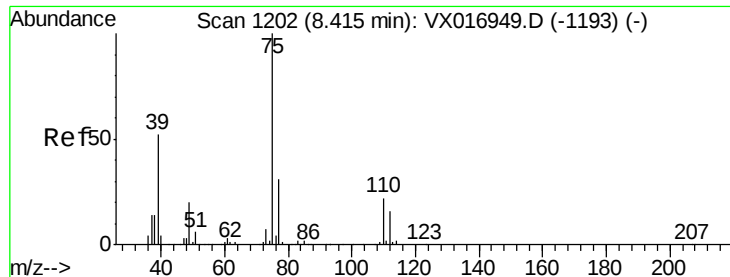
77 32.0 27.0 40.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



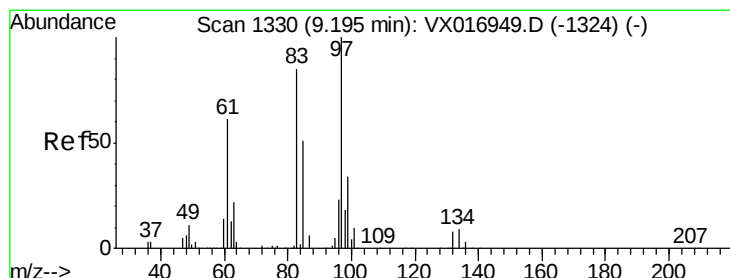
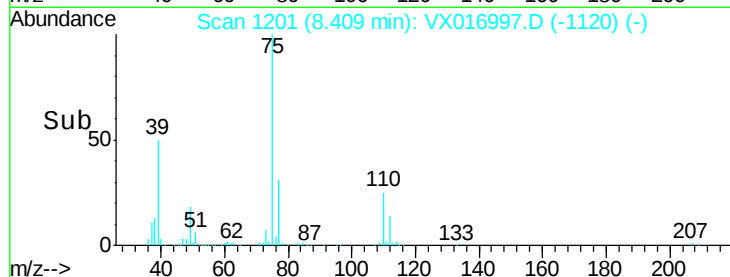
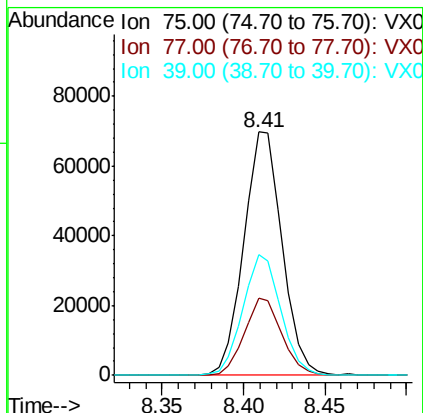
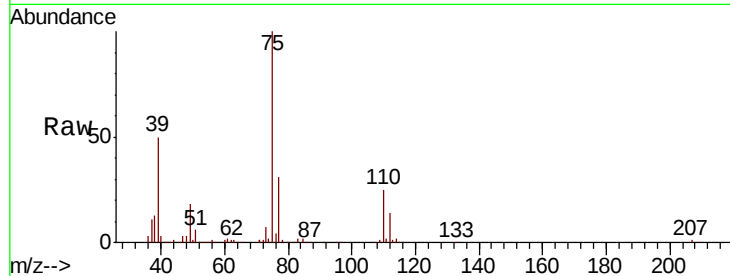


#49

cis-1,3-Dichloropropene
Concen: 17.642 ug/l
RT: 8.41 min Scan# 1201
Delta R.T. -0.01 min
Lab File: VX016997.D
Acq: 26 Jun 2020 22:33

Instrument :
MSVOA_X
ClientSampleId :

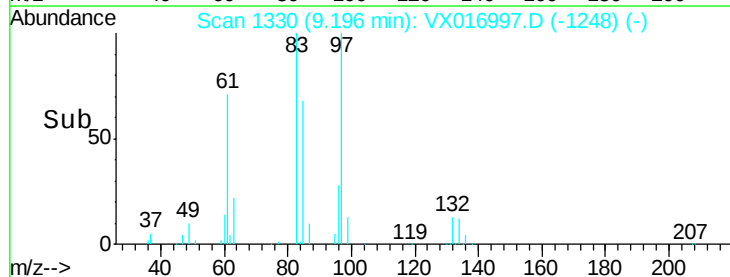
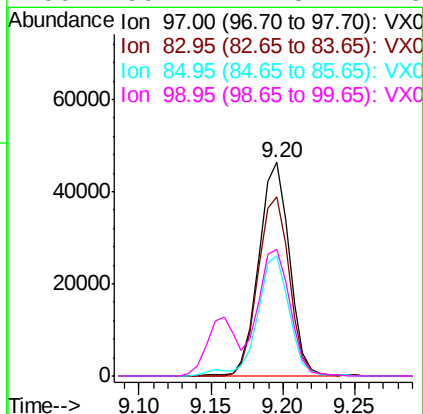
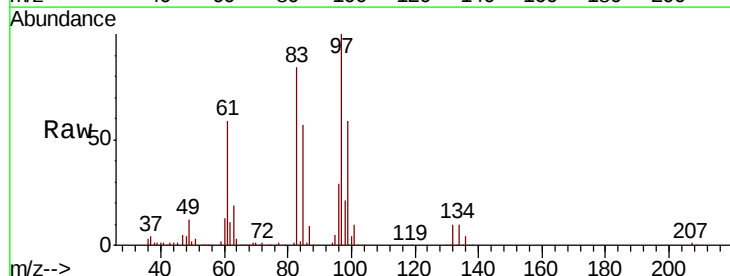
Tot Ion	Ratio	Lower	Upper
75	100		
77	31.3	24.8	37.2
39	49.5	41.8	62.6

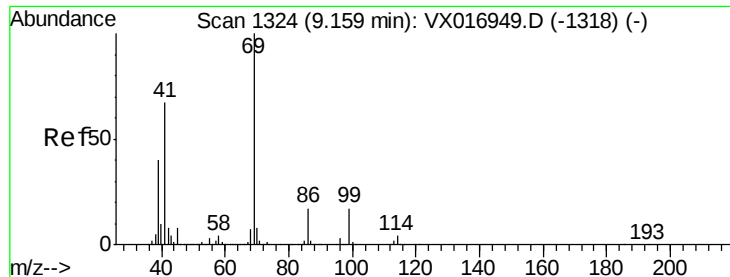


#50

1,1,2-Trichloroethane
Concen: 18.216 ug/l
RT: 9.20 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VX016997.D
Acq: 26 Jun 2020 22:33

Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.1	67.4	101.0
85	56.4	42.9	64.3
99	59.1	47.8	71.6





#51

Ethyl methacrylate

Concen: 17.031 ug/l

RT: 9.15 min Scan# 1323

Delta R.T. -0.01 min

Lab File: VX016997.D

Acq: 26 Jun 2020 22:33

Instrument :
MSVOA_X
ClientSampleId :

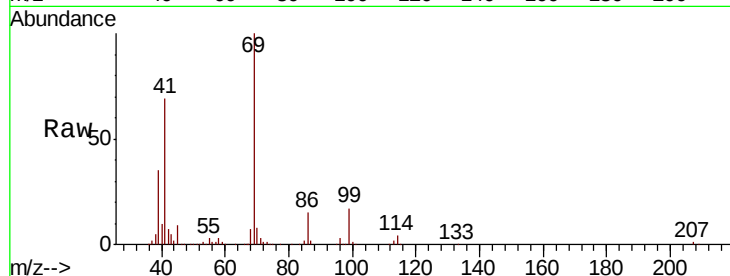
Tot Ion: 69 Resp: 97905

Ion Ratio Lower Upper

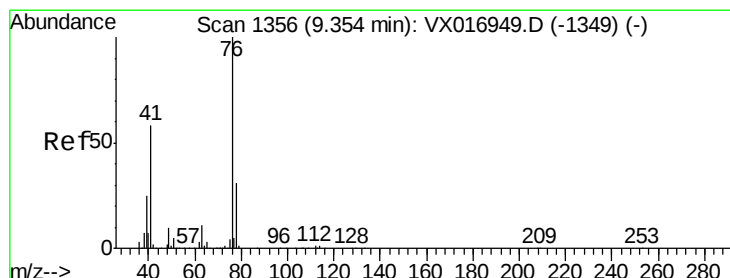
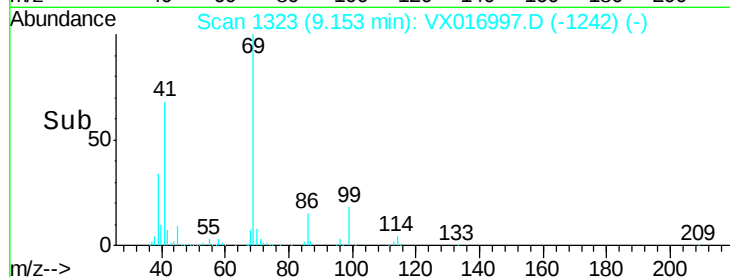
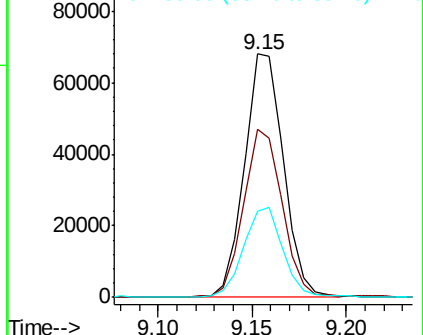
69 100

41 68.6 33.7 101.1

39 34.8 19.9 59.7



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



#52

1,3-Dichloropropane

Concen: 18.068 ug/l

RT: 9.35 min Scan# 1355

Delta R.T. -0.01 min

Lab File: VX016997.D

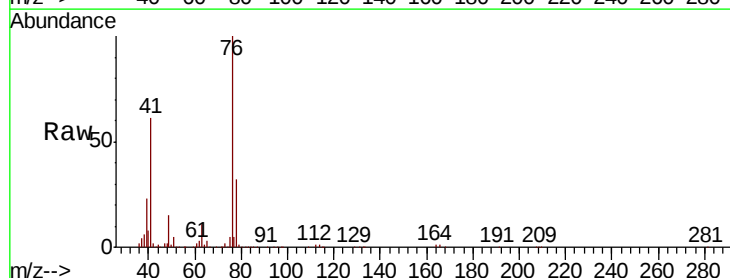
Acq: 26 Jun 2020 22:33

Tgt Ion: 76 Resp: 116193

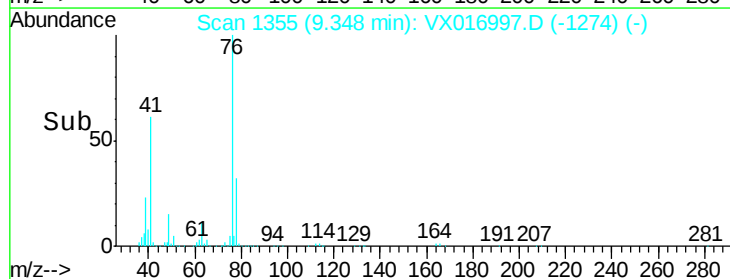
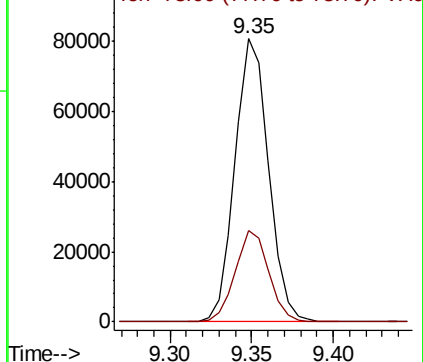
Ion Ratio Lower Upper

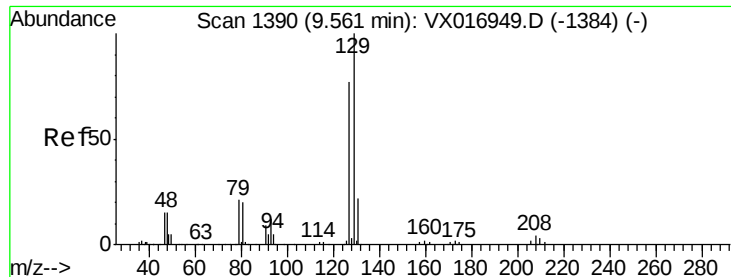
76 100

78 32.1 0.0 62.4



Abundance Ion 76.00 (75.70 to 76.70): VX0
Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 18.317 ug/l

RT: 9.56 min Scan# 1390

Delta R.T. 0.00 min

Lab File: VX016997.D

Acq: 26 Jun 2020 22:33

Instrument :

MSVOA_X

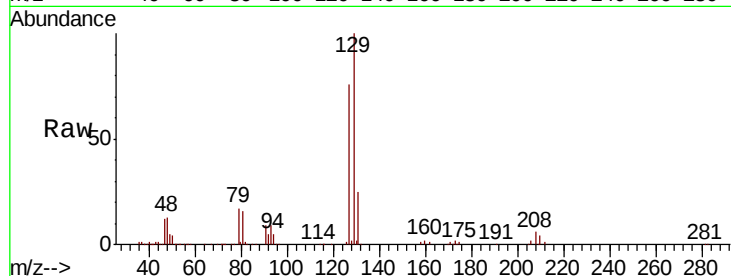
ClientSampleId :

Tot Ion:129 Resp: 78860

Ion Ratio Lower Upper

129 100

127 75.8 38.7 116.1



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

60000

50000

40000

30000

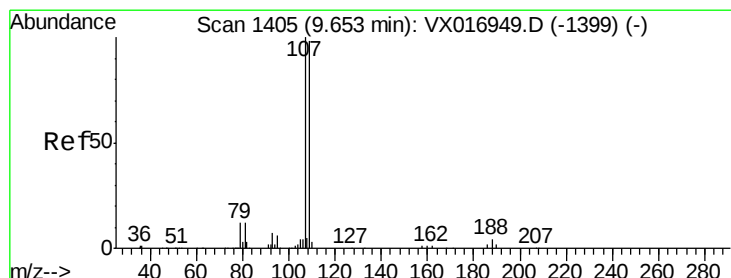
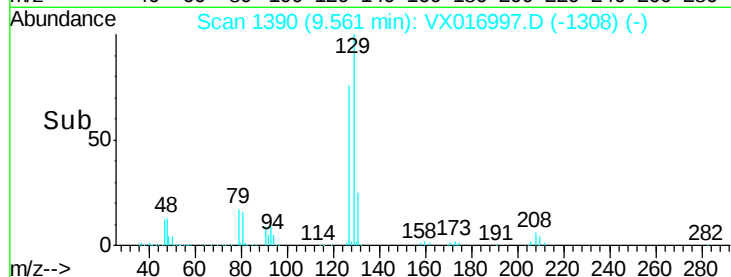
20000

10000

0

9.50 9.55 9.60

Time-->



#54

1,2-Dibromoethane

Concen: 18.311 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX016997.D

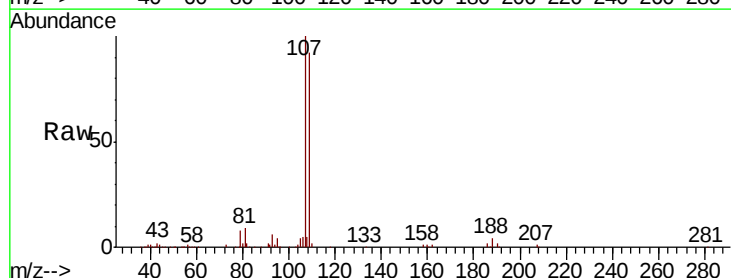
Acq: 26 Jun 2020 22:33

Tgt Ion:107 Resp: 72781

Ion Ratio Lower Upper

107 100

109 93.7 75.0 112.6



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

60000

50000

40000

30000

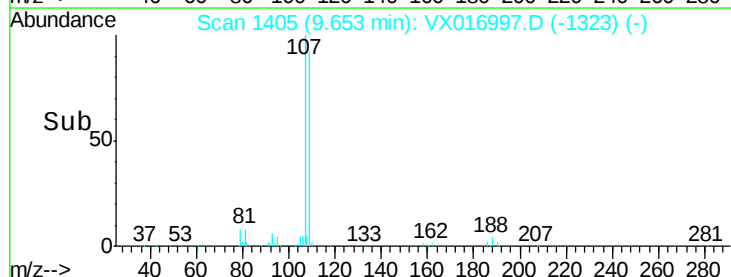
20000

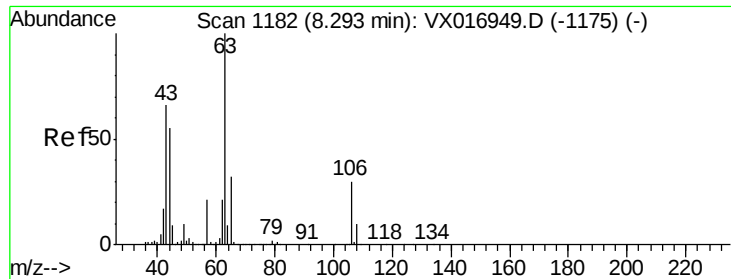
10000

0

9.60 9.65 9.70

Time-->

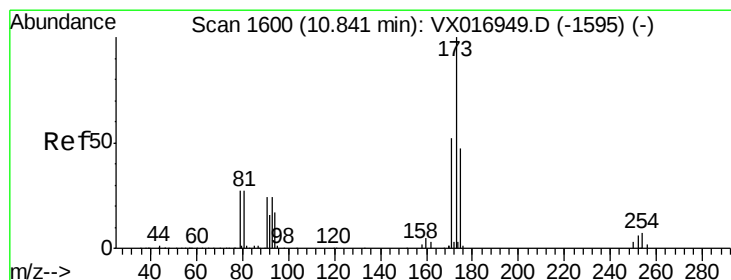
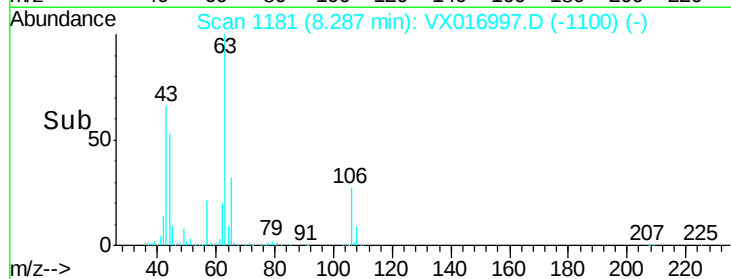
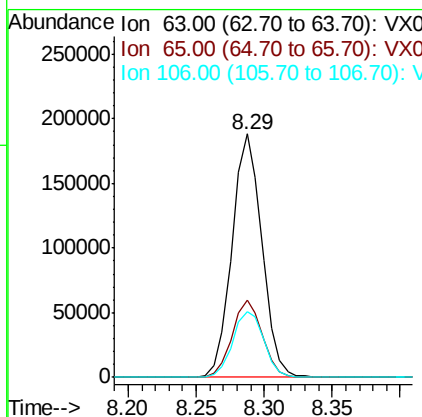
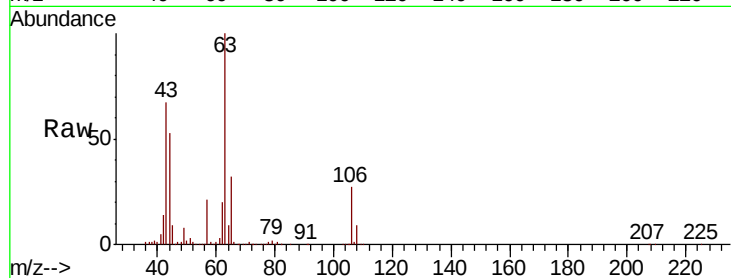




#55
2-Chloroethyl vinyl ether
Concen: 95.058 ug/l
RT: 8.29 min Scan# 1181
Delta R.T. -0.01 min
Lab File: VX016997.D
Acq: 26 Jun 2020 22:33

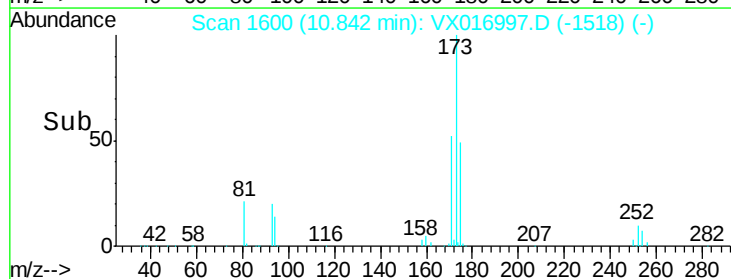
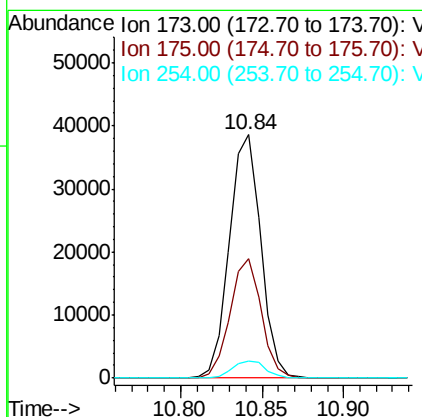
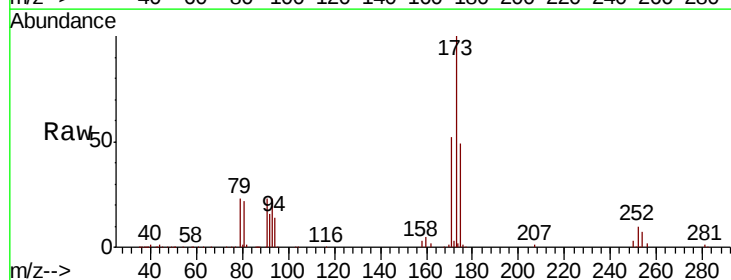
Instrument :
MSVOA_X
ClientSampleId :

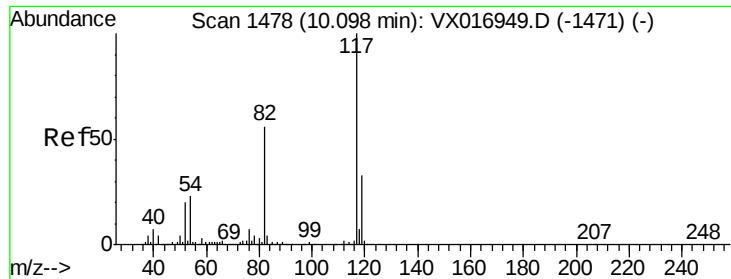
Tot Ion: 63 Resp: 287559
Ion Ratio Lower Upper
63 100
65 31.8 25.9 38.9
106 28.0 22.6 33.8



#56
Bromoform
Concen: 16.955 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX016997.D
Acq: 26 Jun 2020 22:33

Tgt Ion: 173 Resp: 51818
Ion Ratio Lower Upper
173 100
175 48.8 38.7 58.1
254 7.6 5.8 8.6

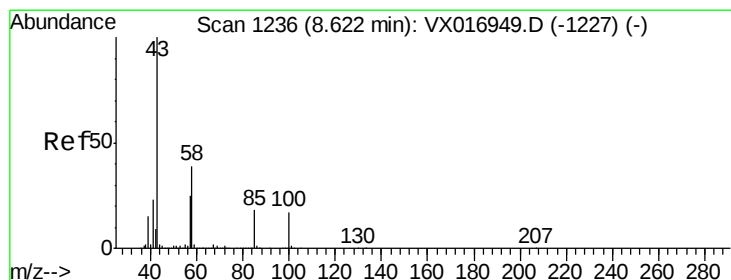
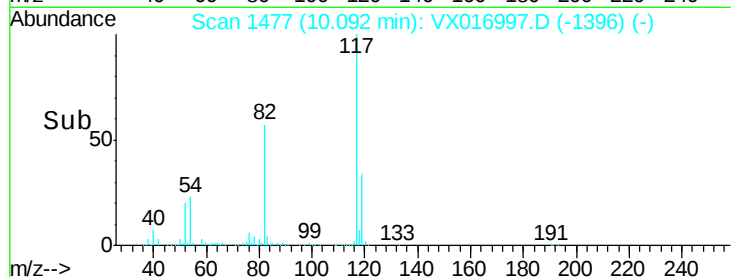
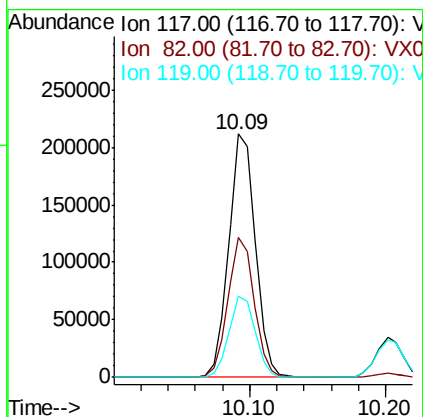
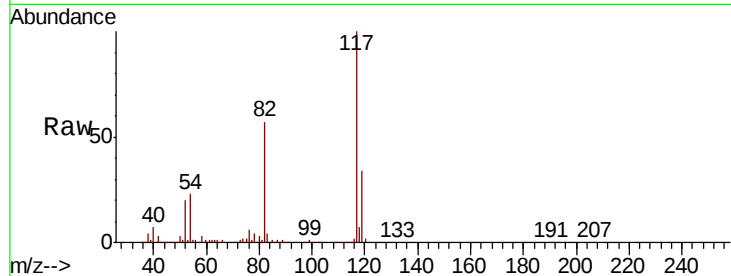




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.01 min
Lab File: VX016997.D
Acq: 26 Jun 2020 22:33

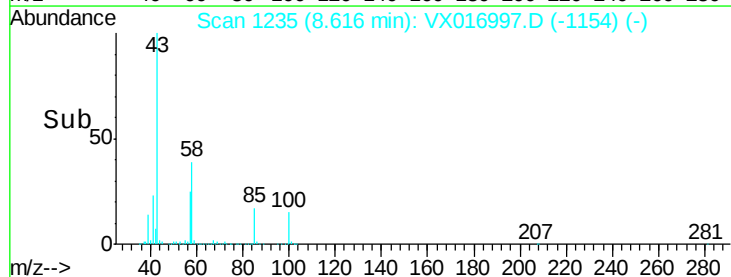
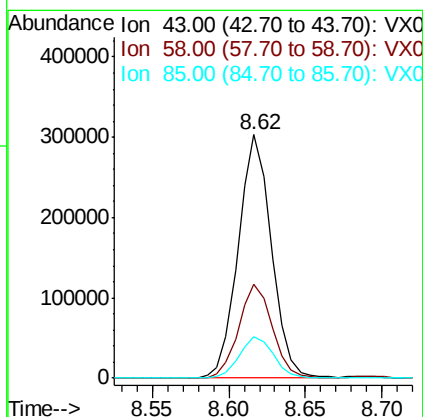
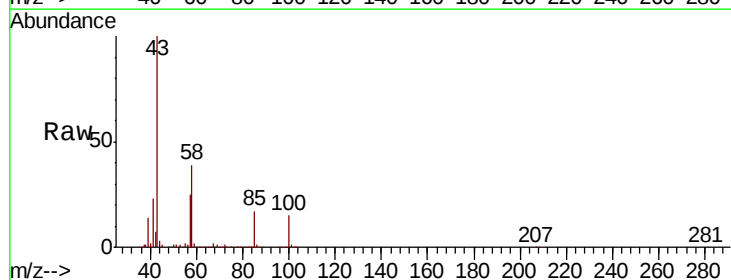
Instrument :
MSVOA_X
ClientSampleId :

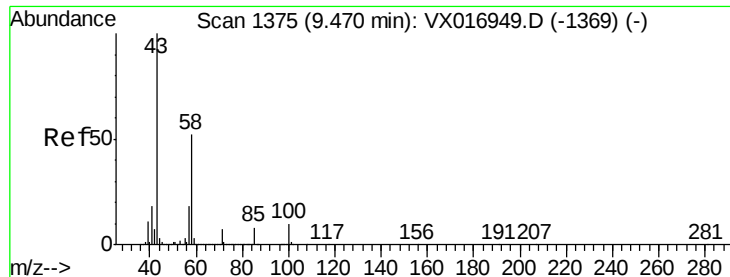
Tot Ion:117 Resp: 288780
Ion Ratio Lower Upper
117 100
82 56.6 44.9 67.3
119 33.2 25.8 38.8



#58
4-Methyl-2-Pentanone
Concen: 85.943 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX016997.D
Acq: 26 Jun 2020 22:33

Tgt Ion: 43 Resp: 457166
Ion Ratio Lower Upper
43 100
58 39.1 30.4 45.6
85 17.4 13.5 20.3

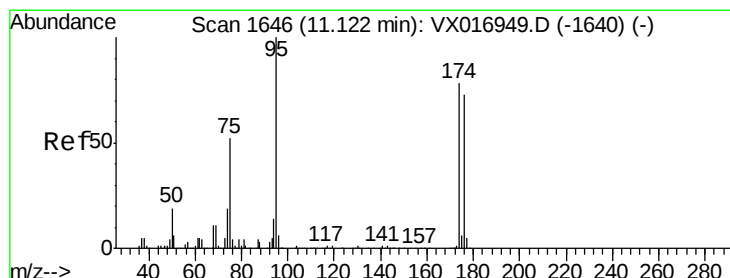
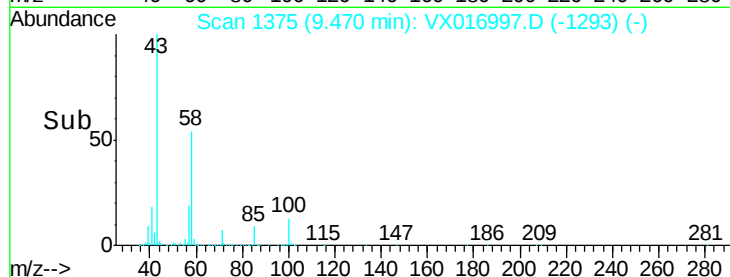
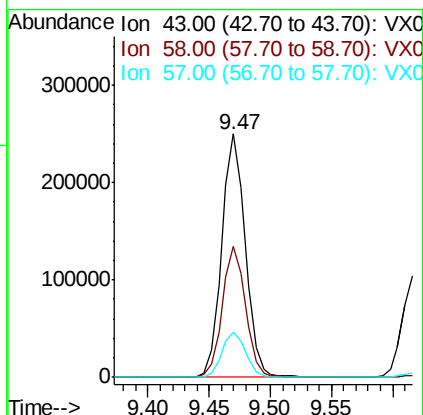
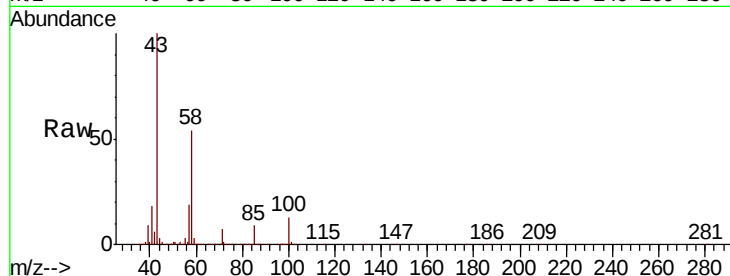




#59
2-Hexanone
Concen: 83.865 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX016997.D
Acq: 26 Jun 2020 22:33

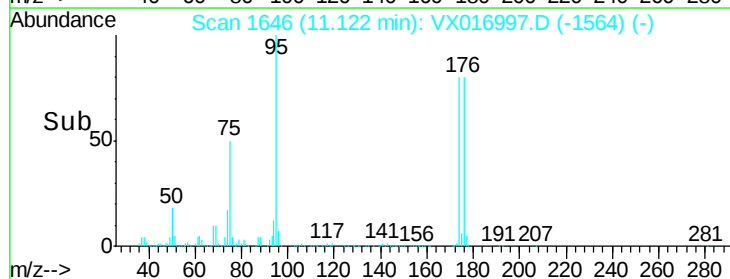
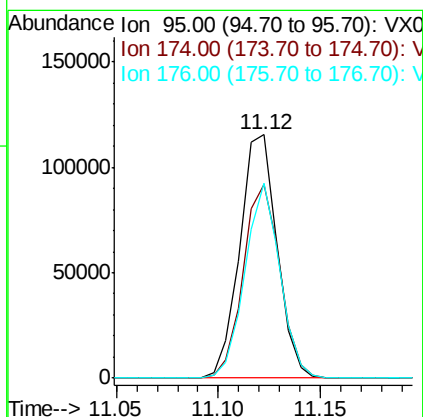
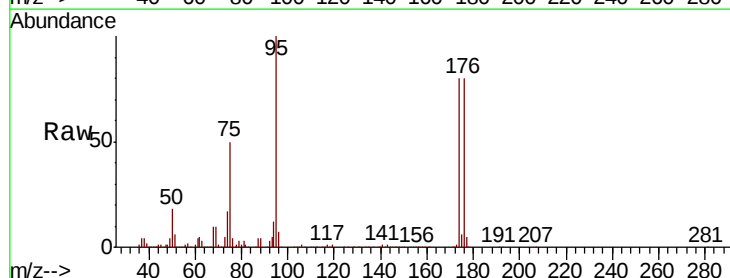
Instrument :
MSVOA_X
ClientSampleId :

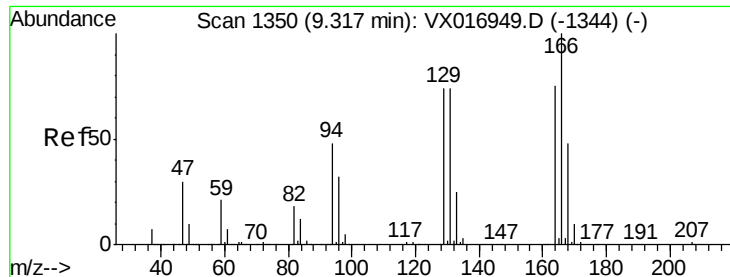
Tot Ion: 43 Resp: 332941
Ion Ratio Lower Upper
43 100
58 53.1 42.3 63.5
57 18.9 14.1 21.1



#60
4-Bromofluorobenzene
Concen: 30.482 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX016997.D
Acq: 26 Jun 2020 22:33

Tgt Ion: 95 Resp: 146804
Ion Ratio Lower Upper
95 100
174 78.8 62.2 93.4
176 74.8 58.9 88.3





#61

Tetrachloroethene

Concen: 19.014 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX016997.D

Acq: 26 Jun 2020 22:33

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:164 Resp: 70024

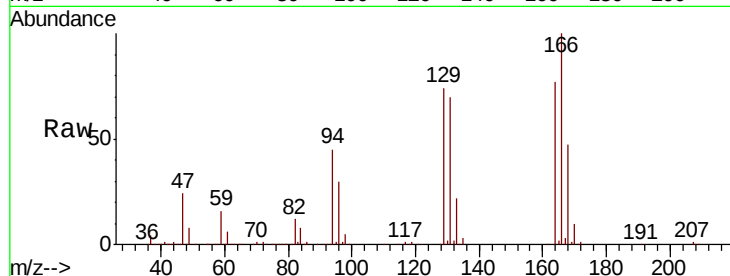
Ion Ratio Lower Upper

164 100

166 130.6 106.3 159.5

129 96.7 78.9 118.3

131 90.8 78.2 117.4

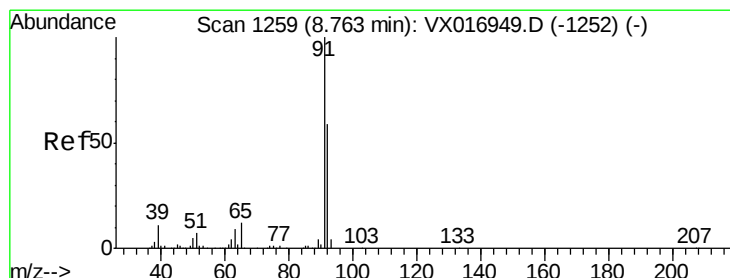
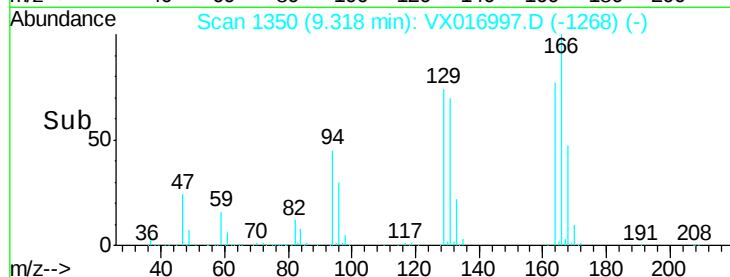
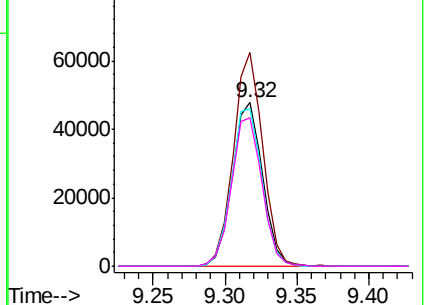


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 18.348 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX016997.D

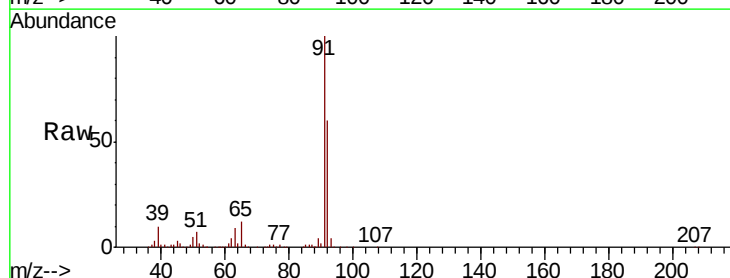
Acq: 26 Jun 2020 22:33

Tgt Ion: 91 Resp: 289797

Ion Ratio Lower Upper

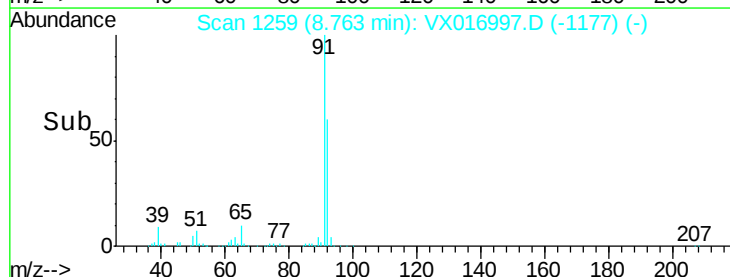
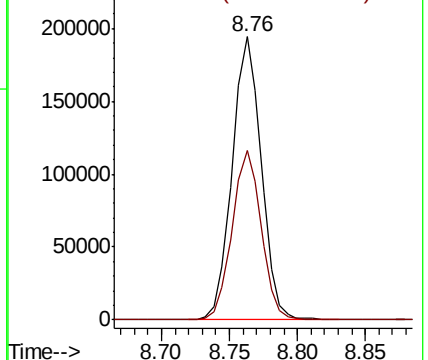
91 100

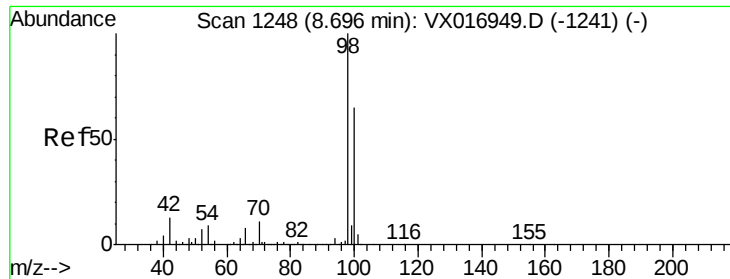
92 59.9 46.8 70.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.174 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016997.D

Acq: 26 Jun 2020 22:33

Instrument :

MSVOA_X

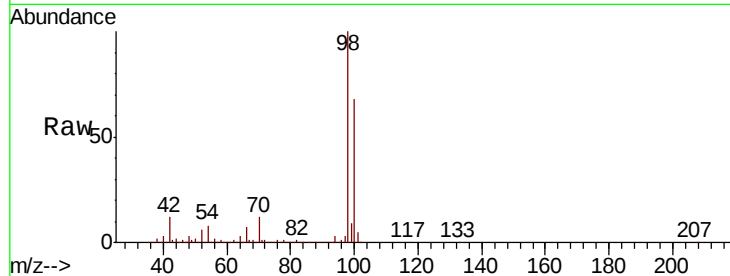
ClientSampleId :

Tot Ion: 98 Resp: 384105

Ion Ratio Lower Upper

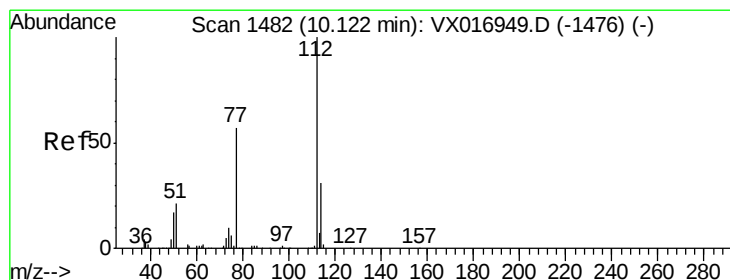
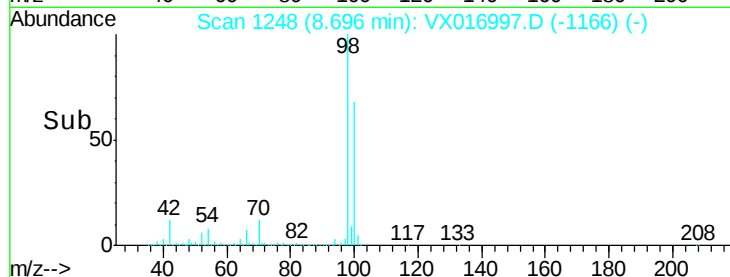
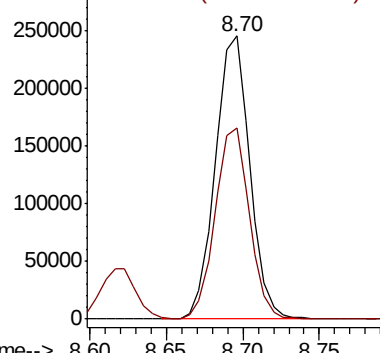
98 100

100 67.3 52.3 78.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#64

Chlorobenzene

Concen: 18.757 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX016997.D

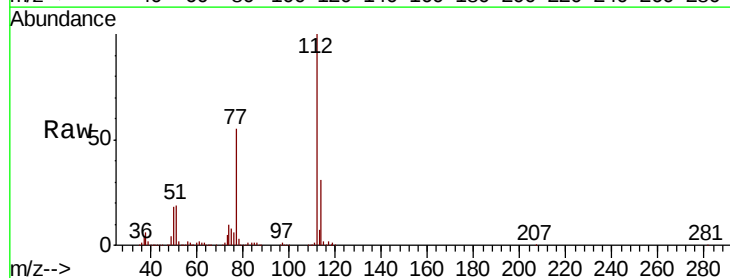
Acq: 26 Jun 2020 22:33

Tgt Ion: 112 Resp: 185604

Ion Ratio Lower Upper

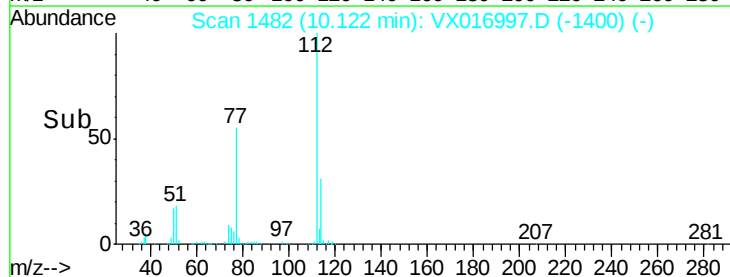
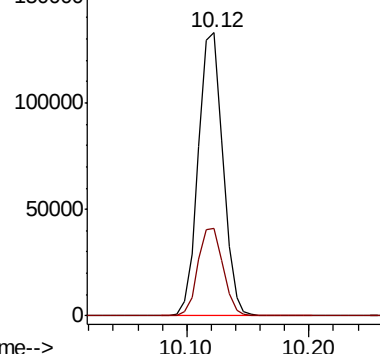
112 100

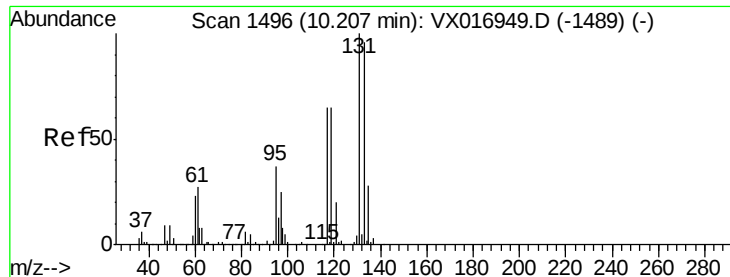
114 30.8 24.9 37.3



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V





#65

1,1,1,2-Tetrachloroethane

Concen: 18.756 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX016997.D

Acq: 26 Jun 2020 22:33

Instrument :

MSVOA_X

ClientSampleId :

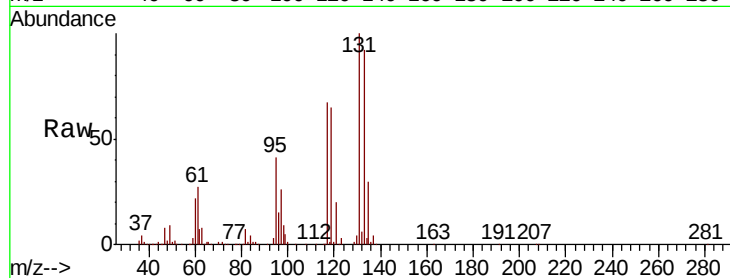
Tot Ion:131 Resp: 69869

Ion Ratio Lower Upper

131 100

133 94.4 0.0 190.2

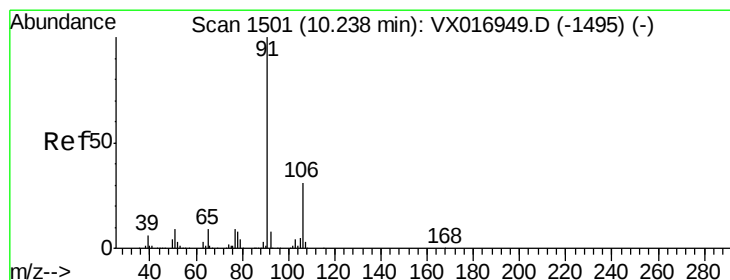
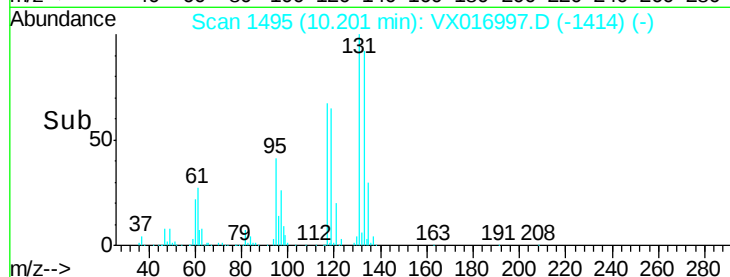
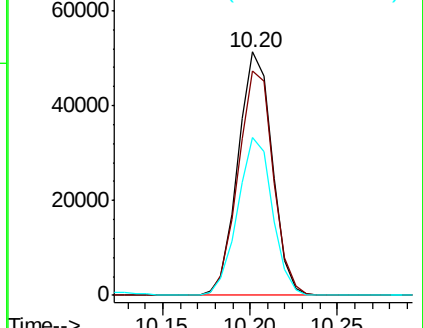
119 65.8 0.0 133.2



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: 18.055 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX016997.D

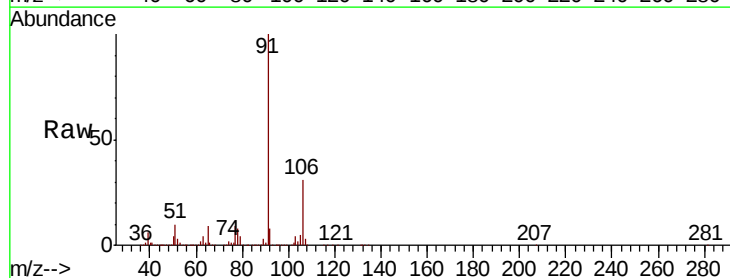
Acq: 26 Jun 2020 22:33

Tgt Ion: 91 Resp: 316248

Ion Ratio Lower Upper

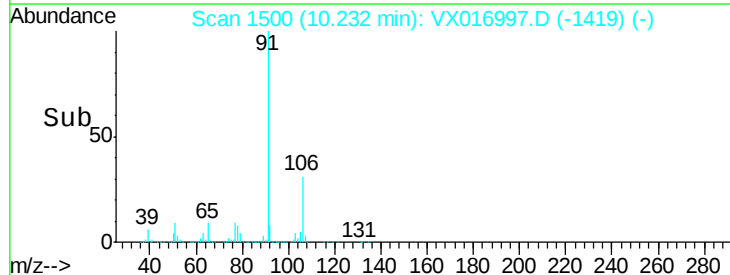
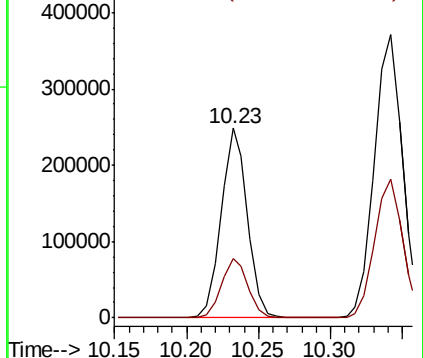
91 100

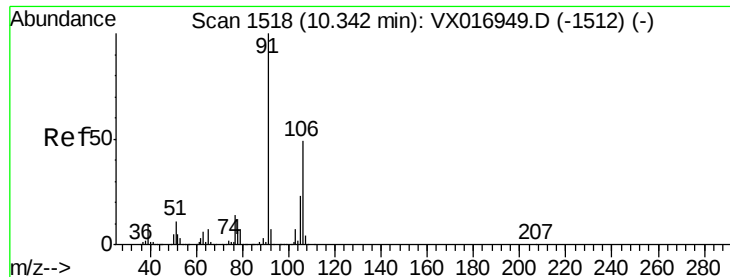
106 31.5 24.8 37.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 36.808 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX016997.D

Acq: 26 Jun 2020 22:33

Instrument :

MSVOA_X

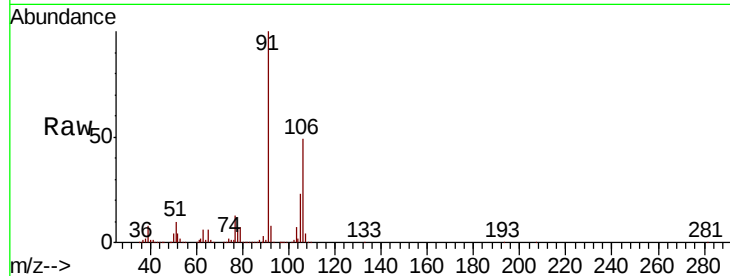
ClientSampleId :

Tot Ion:106 Resp: 243209

Ion Ratio Lower Upper

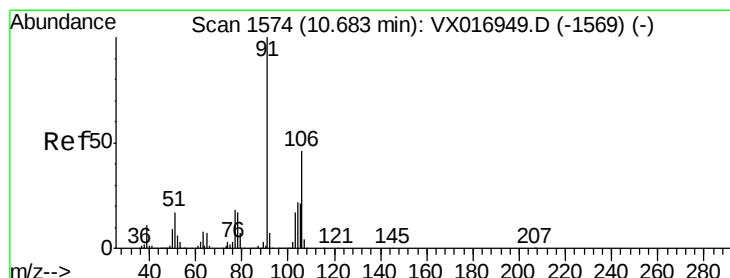
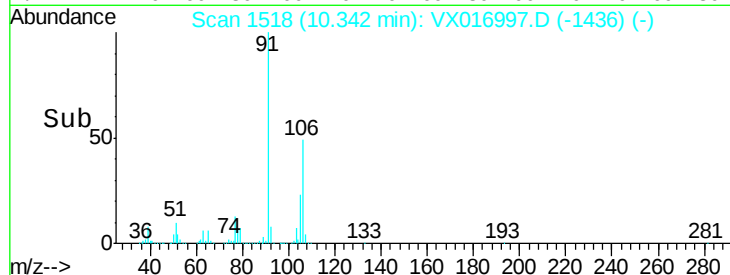
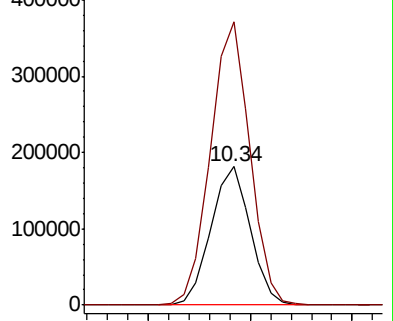
106 100

91 204.5 164.5 246.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 18.365 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX016997.D

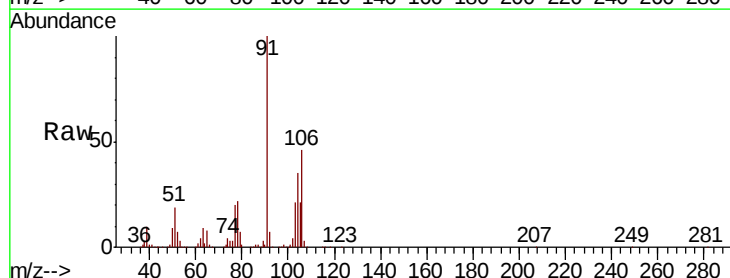
Acq: 26 Jun 2020 22:33

Tgt Ion:106 Resp: 116564

Ion Ratio Lower Upper

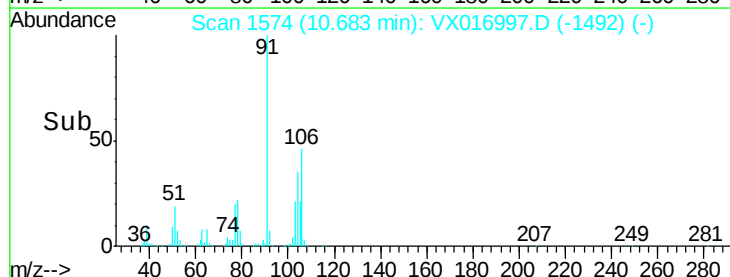
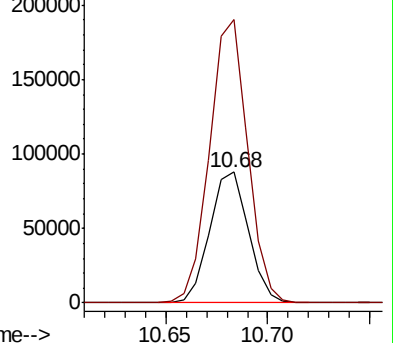
106 100

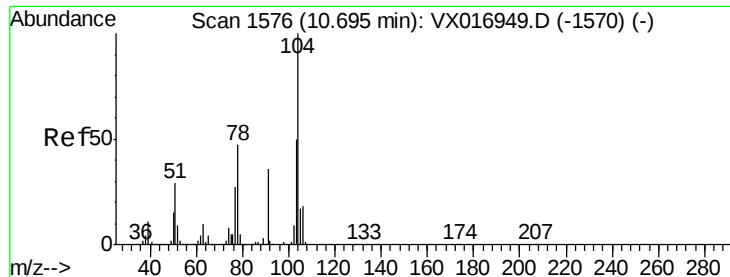
91 211.8 107.3 321.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#69

Stvrene

Concen: 18.412 ug/l

RT: 10.70 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VX016997.D

Acq: 26 Jun 2020 22:33

Instrument :

MSVOA_X

ClientSampleId :

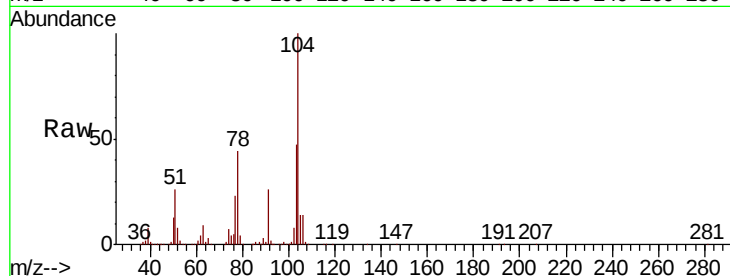
Tot Ion:104 Resp: 200092

Ion Ratio Lower Upper

104 100

78 50.3 42.6 64.0

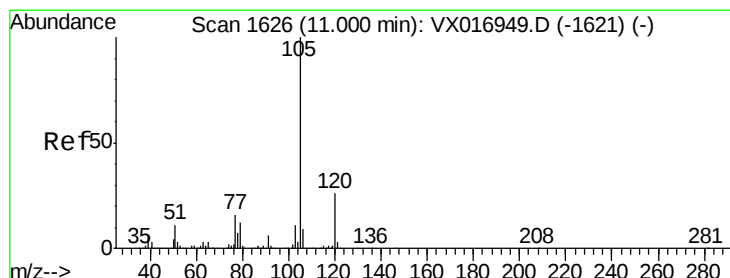
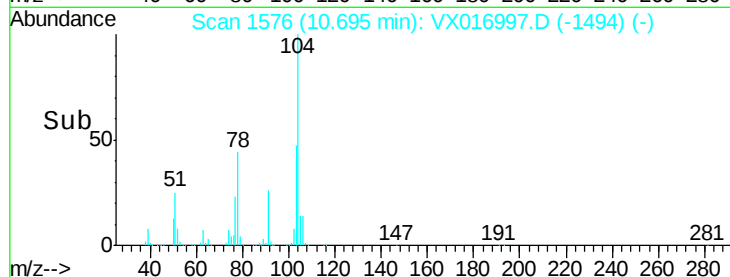
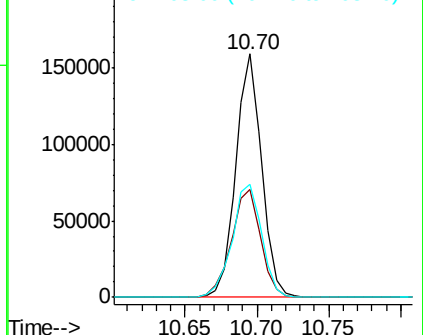
103 53.3 44.1 66.1



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#70

Isopropylbenzene

Concen: 18.139 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016997.D

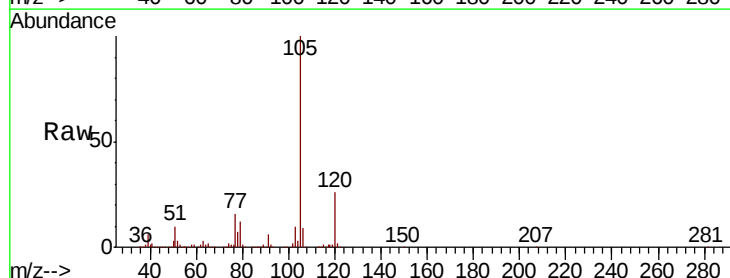
Acq: 26 Jun 2020 22:33

Tgt Ion:105 Resp: 312270

Ion Ratio Lower Upper

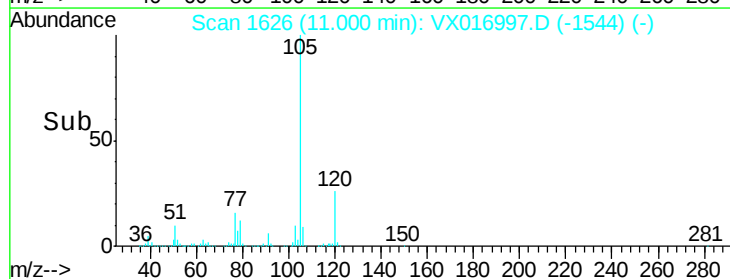
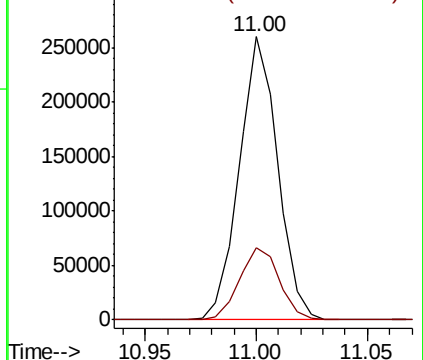
105 100

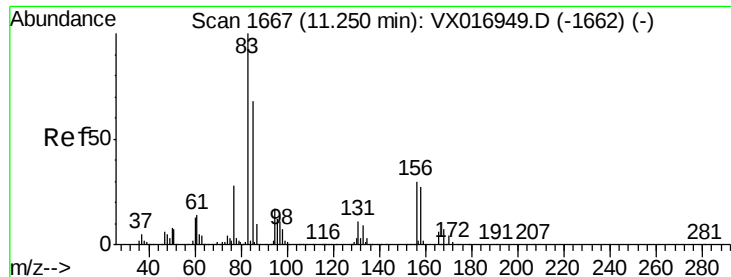
120 26.5 19.0 35.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#71

1,1,2,2-Tetrachloroethane

Concen: 17.762 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX016997.D

Acq: 26 Jun 2020 22:33

Instrument :

MSVOA_X

ClientSampleId :

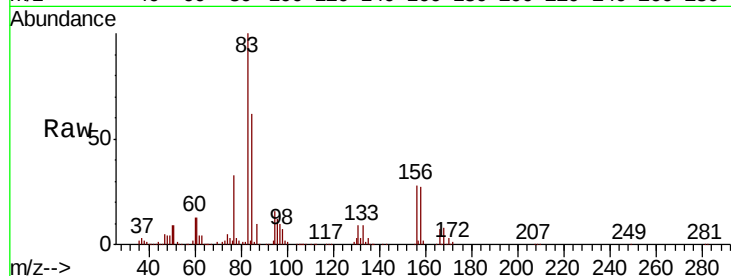
Tot Ion: 83 Resp: 93906

Ion Ratio Lower Upper

83 100

131 10.4 5.2 15.6

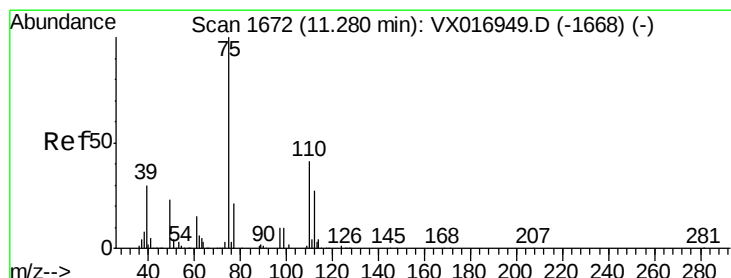
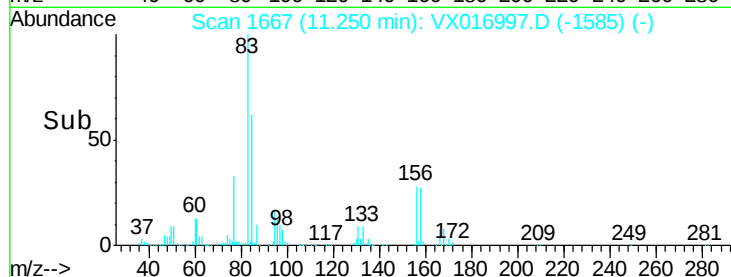
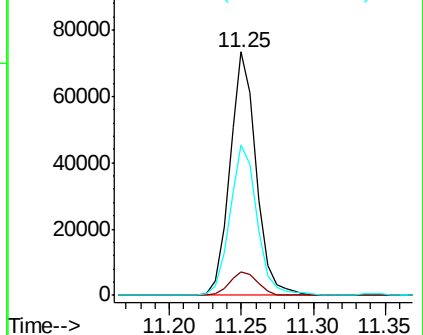
85 64.1 33.1 99.3



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 22.755 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX016997.D

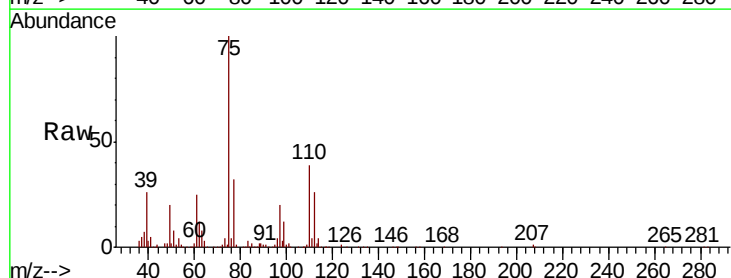
Acq: 26 Jun 2020 22:33

Tgt Ion: 75 Resp: 115532

Ion Ratio Lower Upper

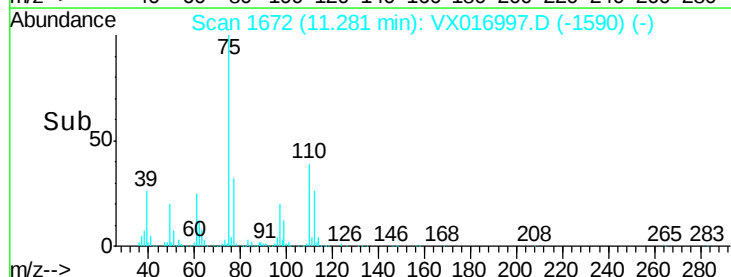
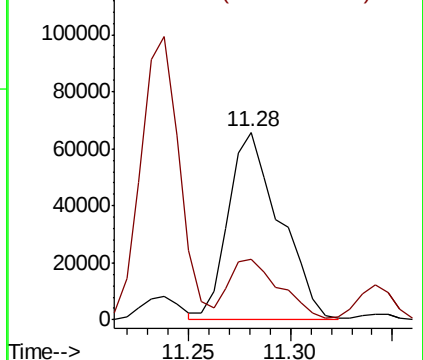
75 100

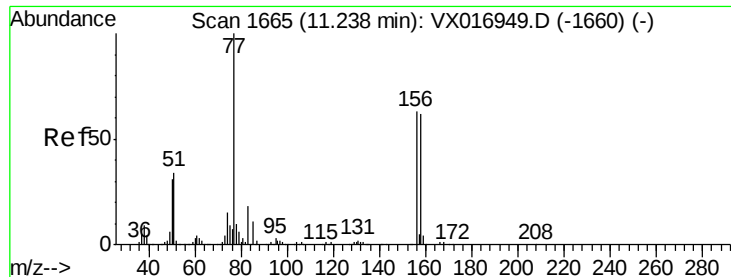
77 31.5 0.0 77.2



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 18.187 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016997.D

Acq: 26 Jun 2020 22:33

Instrument :

MSVOA_X

ClientSampleId :

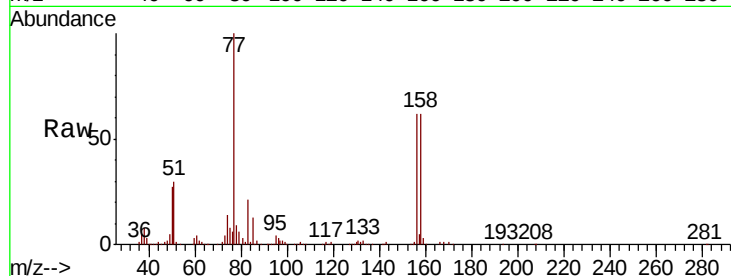
Tot Ion:156 Resp: 79016

Ion Ratio Lower Upper

156 100

77 164.9 0.0 317.2

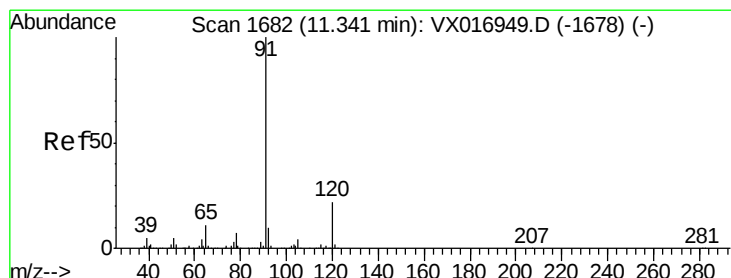
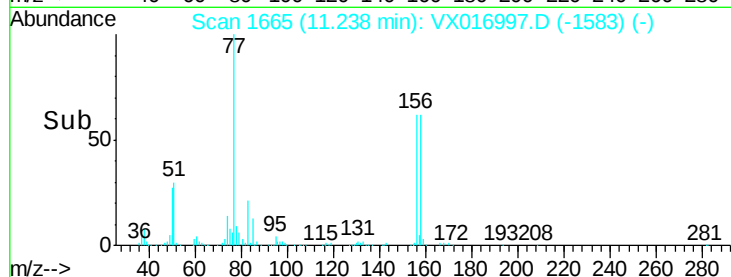
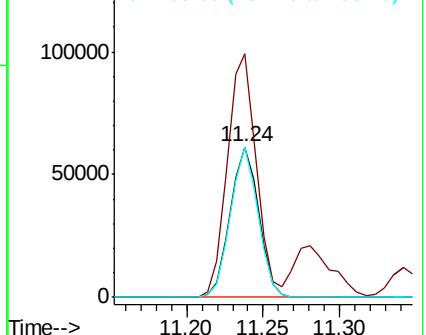
158 97.1 0.0 188.4



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: 17.940 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX016997.D

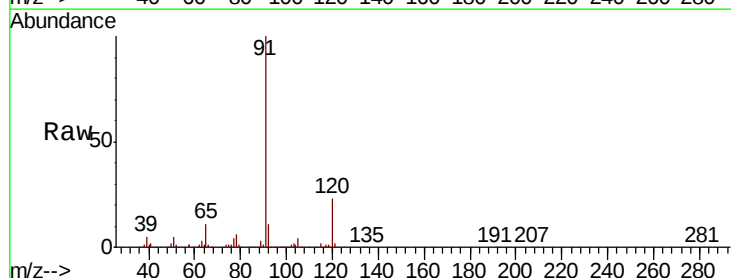
Acq: 26 Jun 2020 22:33

Tgt Ion: 91 Resp: 366705

Ion Ratio Lower Upper

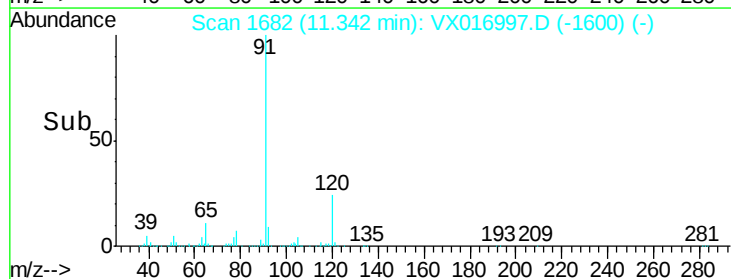
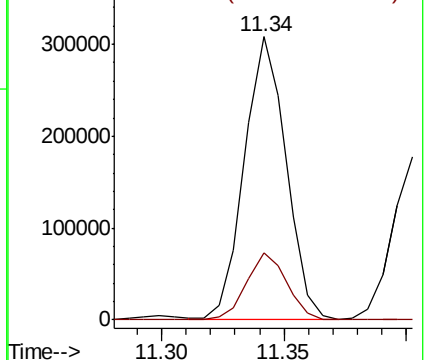
91 100

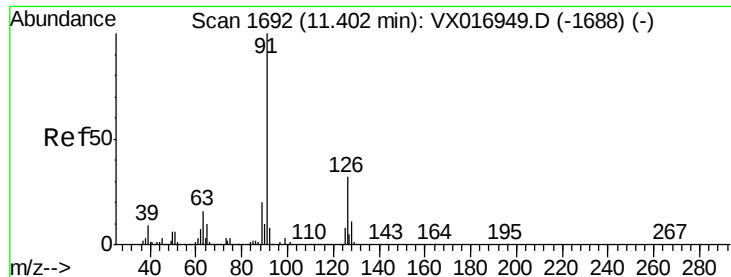
120 22.9 0.0 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

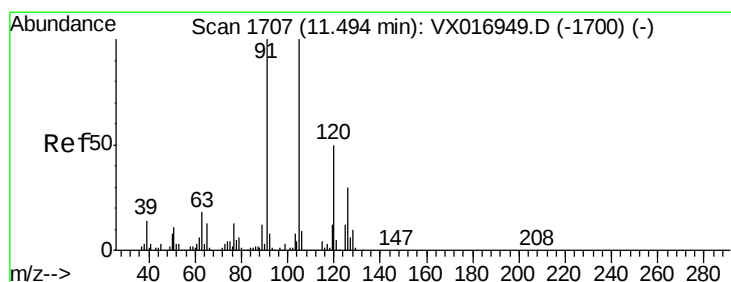
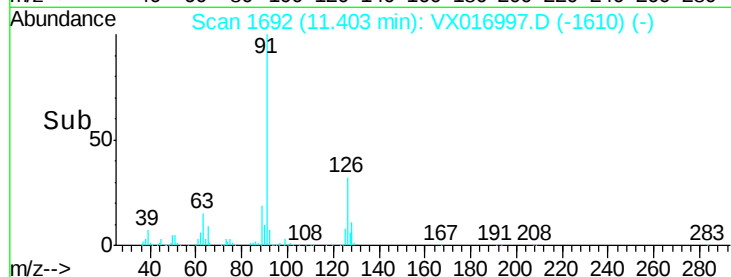
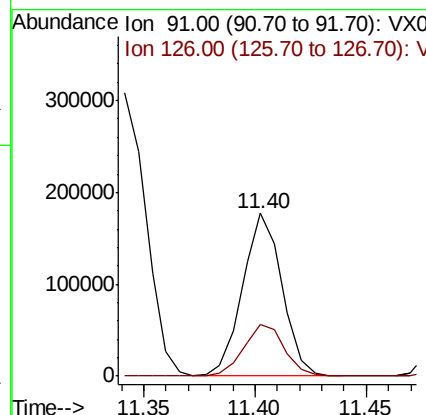
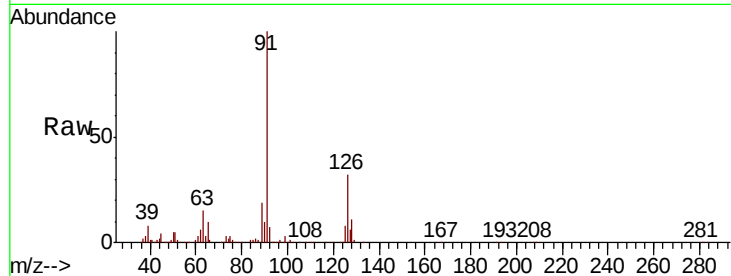




#75
2-Chlorotoluene
Concen: 18.333 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VX016997.D
Acq: 26 Jun 2020 22:33

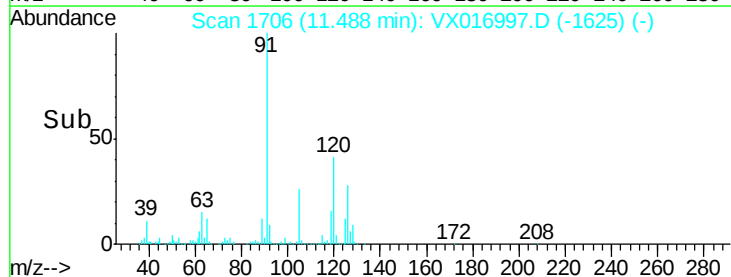
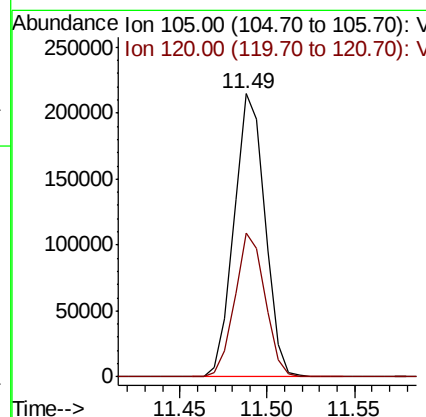
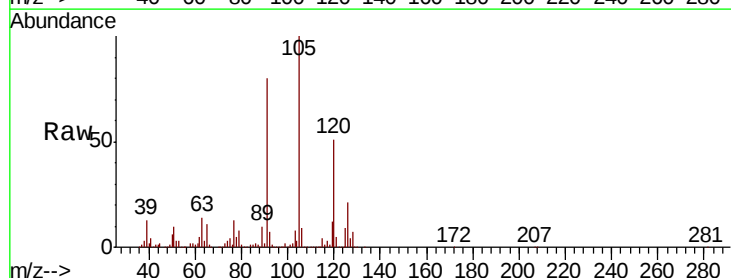
Instrument :
MSVOA_X
ClientSampleId :

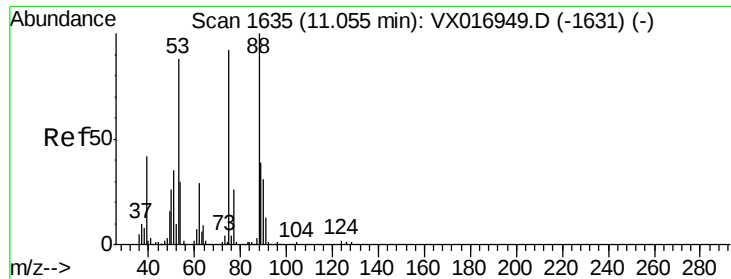
Tot Ion: 91 Resp: 218513
Ion Ratio Lower Upper
91 100
126 33.0 0.0 68.0



#76
1,3,5-Trimethylbenzene
Concen: 18.248 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VX016997.D
Acq: 26 Jun 2020 22:33

Tgt Ion: 105 Resp: 263680
Ion Ratio Lower Upper
105 100
120 49.9 0.0 99.4





#77

t-1,4-Dichloro-2-butene

Concen: 15.106 ug/l

RT: 11.06 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX016997.D

Acq: 26 Jun 2020 22:33

Instrument :

MSVOA_X

ClientSampleId :

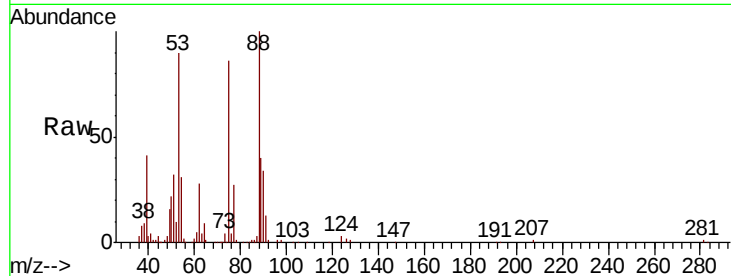
Tot Ion: 75 Resp: 31081

Ion Ratio Lower Upper

75 100

53 104.2 47.6 142.9

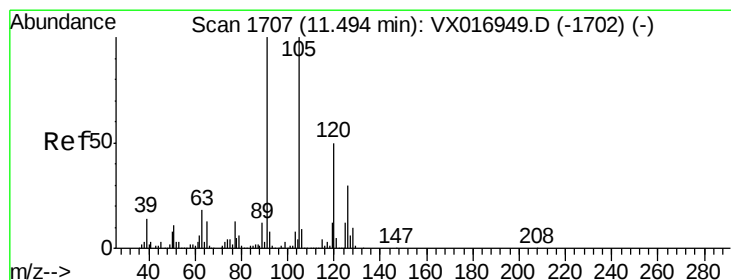
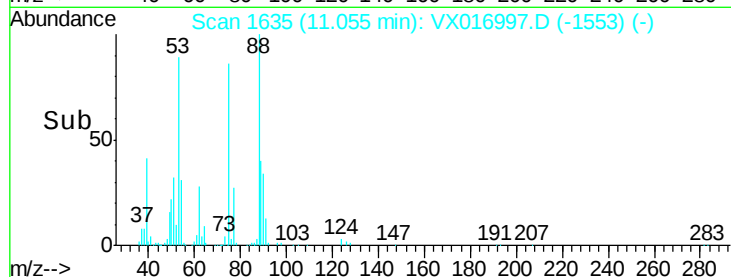
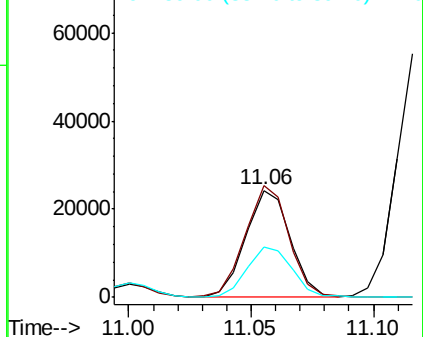
89 45.9 21.1 63.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 18.474 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX016997.D

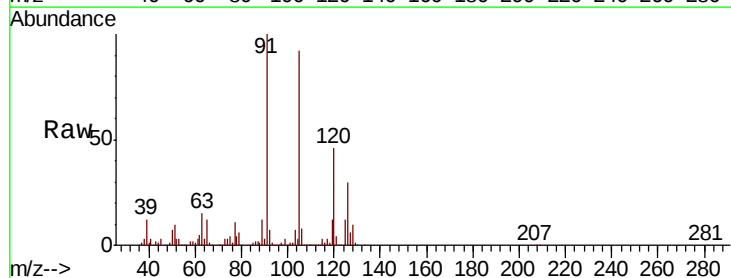
Acq: 26 Jun 2020 22:33

Tgt Ion: 91 Resp: 260715

Ion Ratio Lower Upper

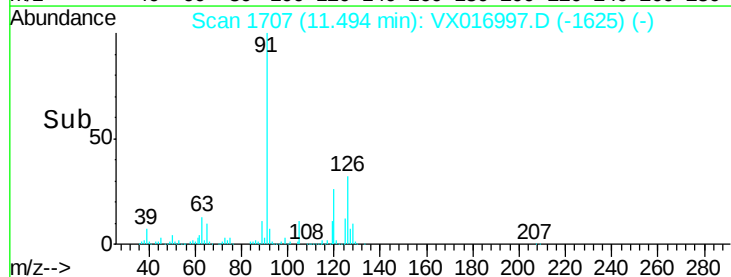
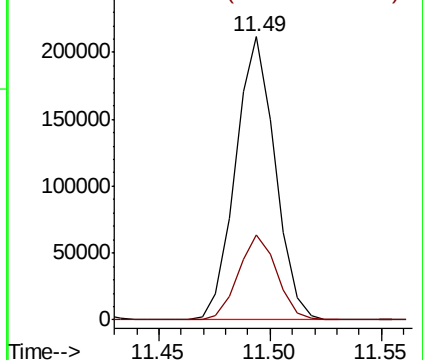
91 100

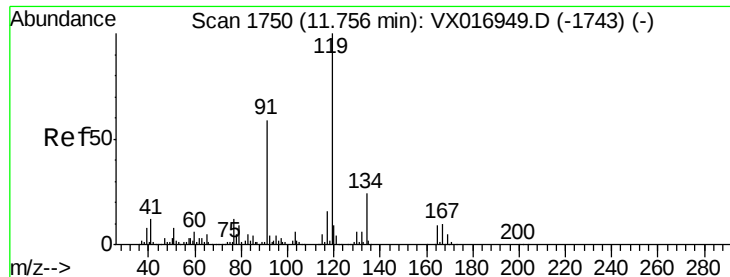
126 29.4 0.0 60.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V





#79

tert-butylbenzene

Concen: 17.938 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX016997.D

Acq: 26 Jun 2020 22:33

Instrument :

MSVOA_X

ClientSampleId :

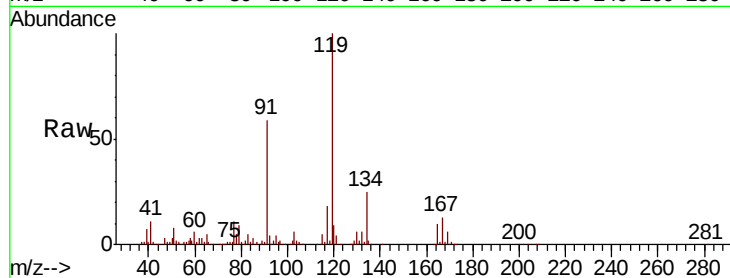
Tot Ion:119 Resp: 248310

Ion Ratio Lower Upper

119 100

91 59.0 0.0 115.2

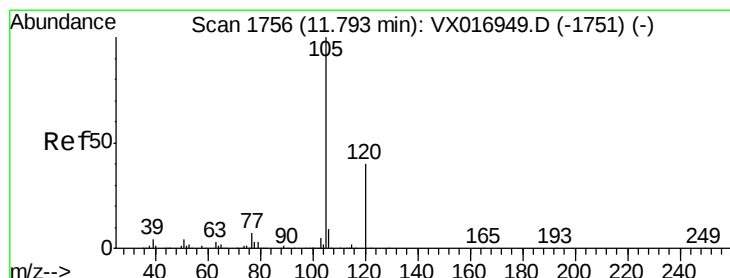
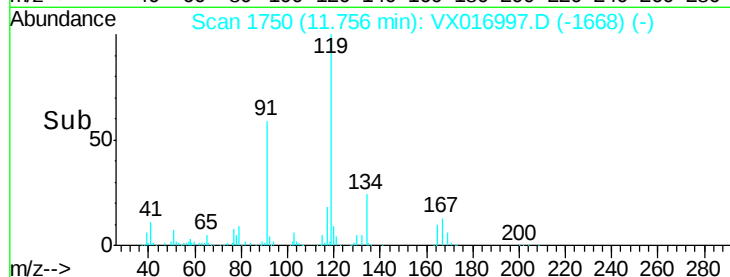
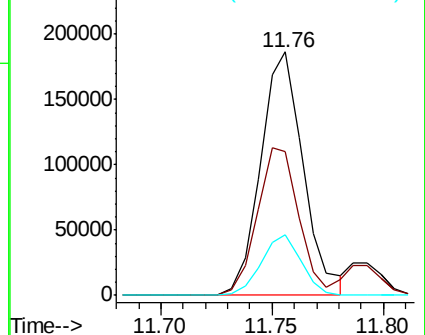
134 23.3 0.0 45.8



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: 18.468 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX016997.D

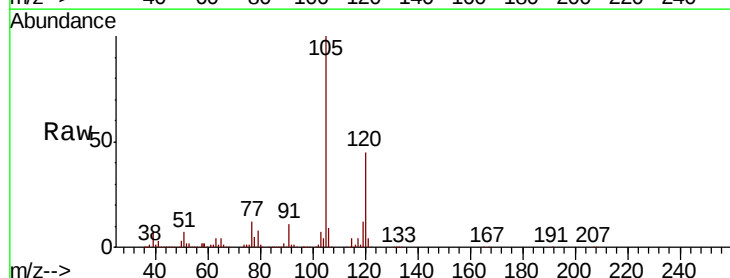
Acq: 26 Jun 2020 22:33

Tgt Ion:105 Resp: 267917

Ion Ratio Lower Upper

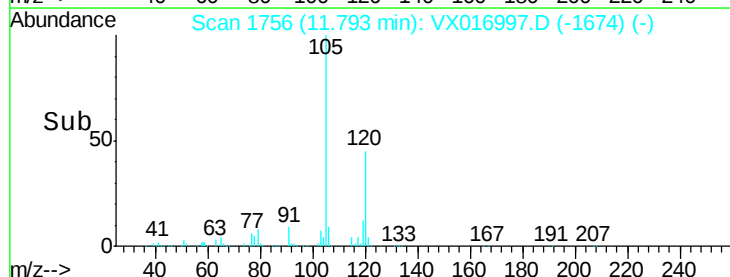
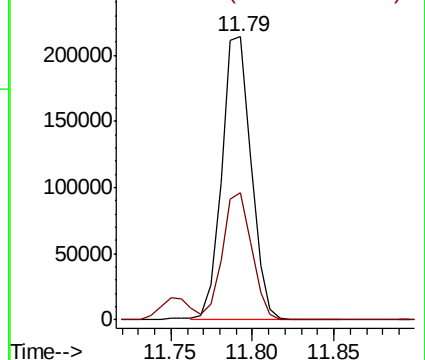
105 100

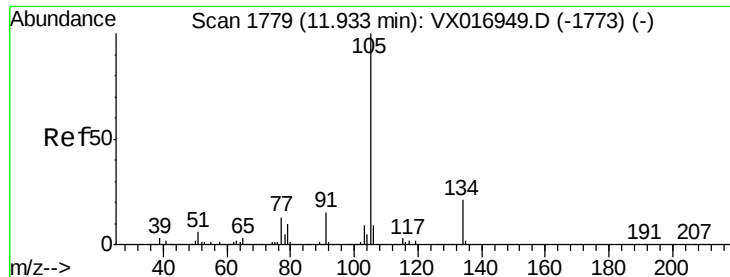
120 44.8 0.0 89.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

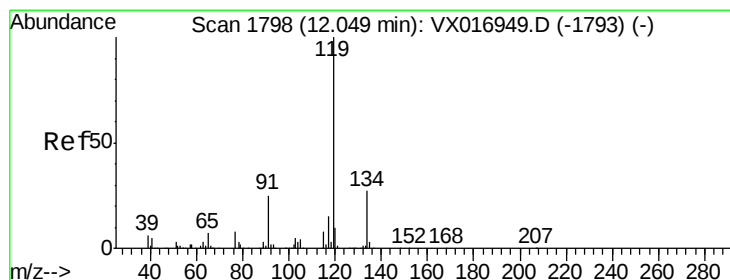
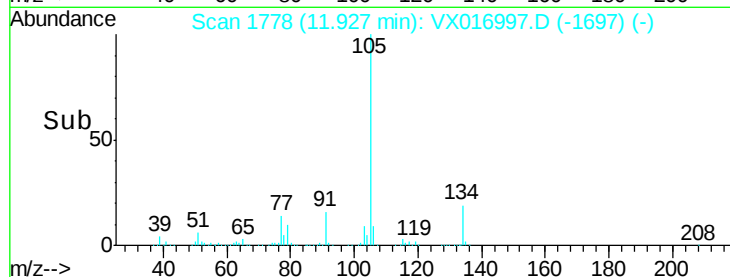
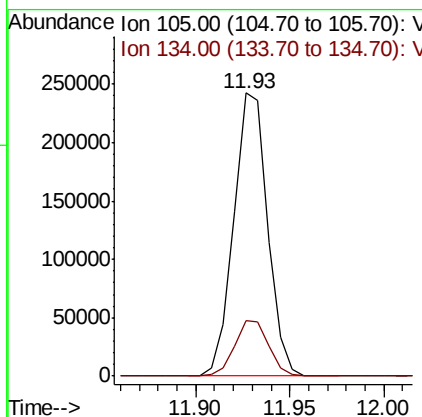
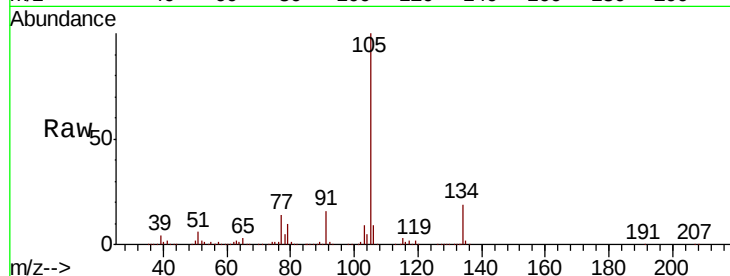




#81
 sec-Butylbenzene
 Concen: 18.016 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: VX016997.D
 Acq: 26 Jun 2020 22:33

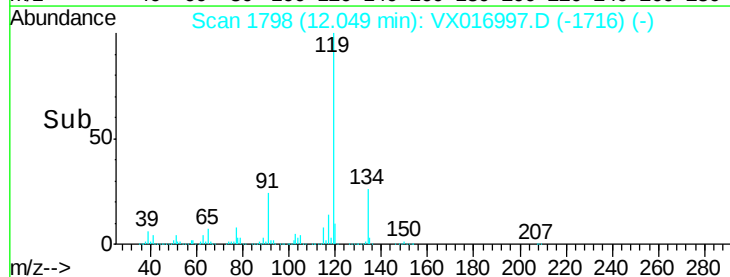
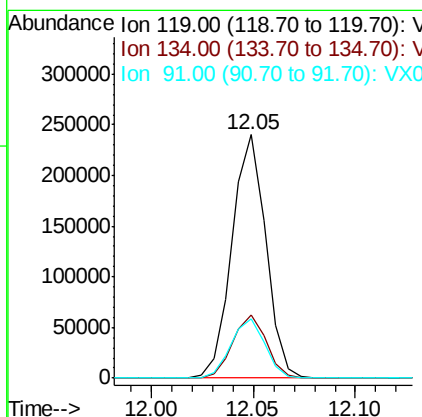
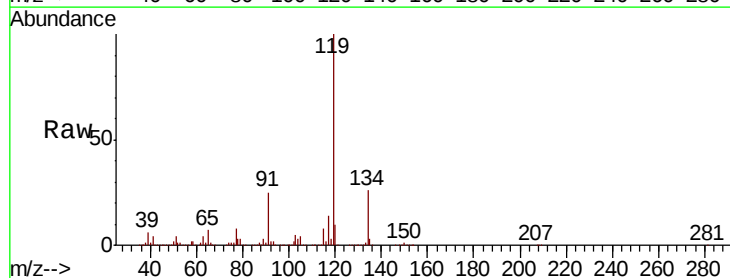
Instrument :
 MSVOA_X
 ClientSampled :

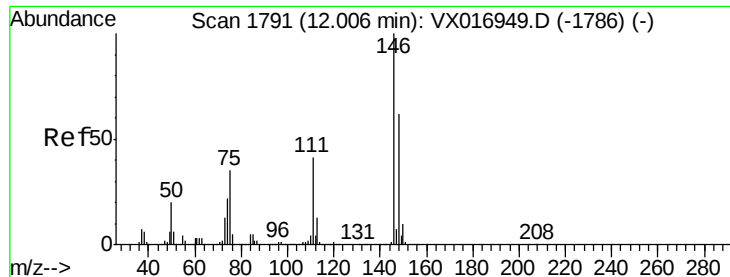
Tot Ion:105 Resp: 301951
 Ion Ratio Lower Upper
 105 100
 134 19.7 0.0 41.2



#82
 p-Isopropyltoluene
 Concen: 18.121 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX016997.D
 Acq: 26 Jun 2020 22:33

Tgt Ion:119 Resp: 274228
 Ion Ratio Lower Upper
 119 100
 134 25.9 0.0 53.0
 91 24.7 0.0 49.0

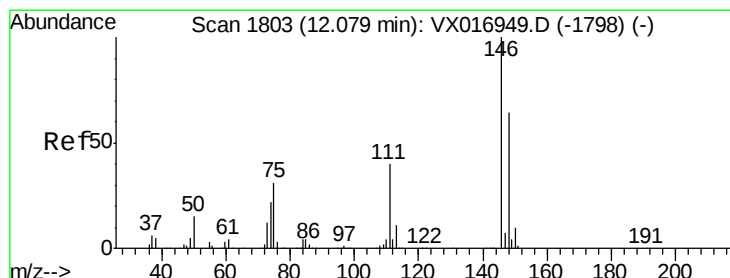
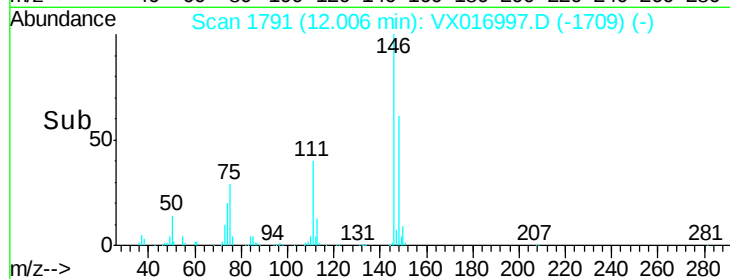
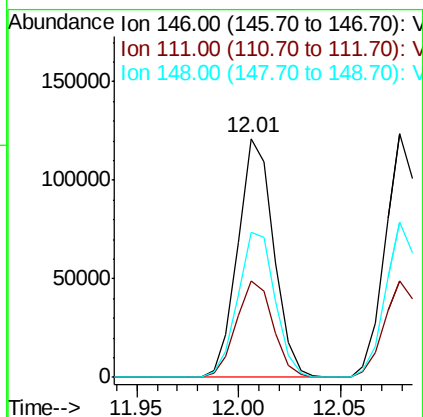
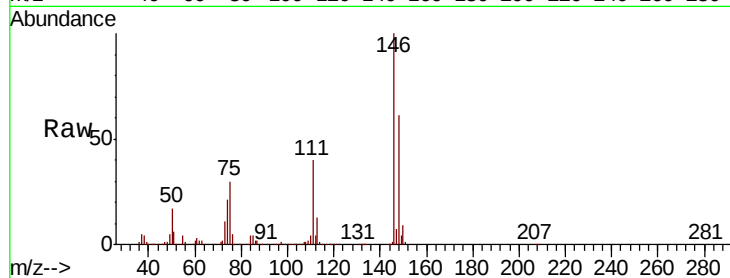




#83
 1,3-Dichlorobenzene
 Concen: 19.020 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX016997.D
 Acq: 26 Jun 2020 22:33

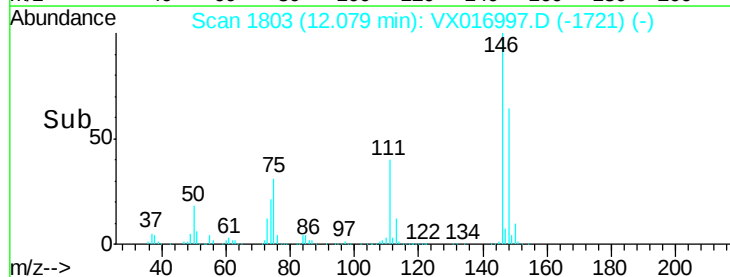
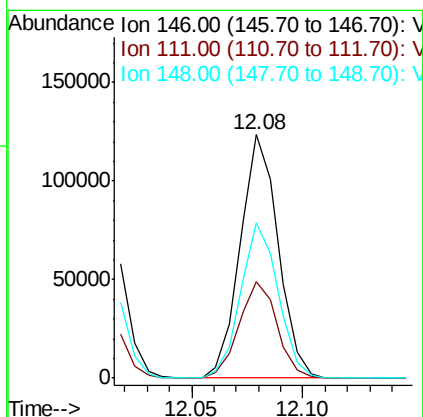
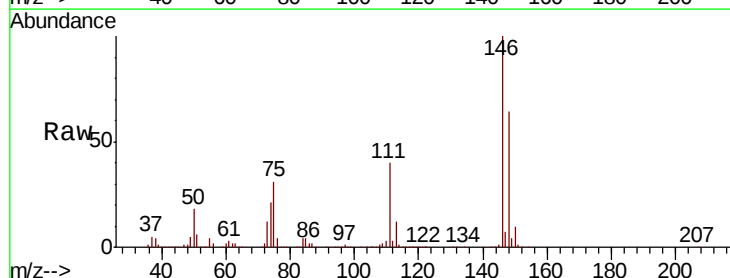
Instrument :
 MSVOA_X
 ClientSampleId :

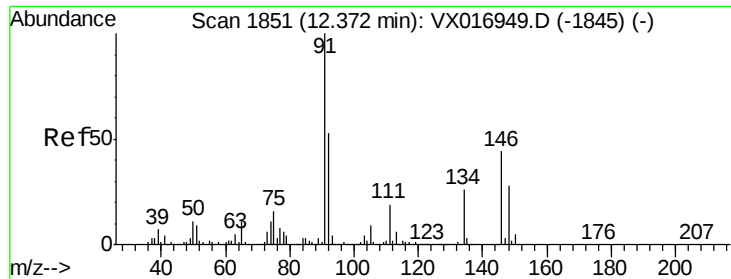
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	19.5	58.5
148	63.3	31.8	95.4



#84
 1,4-Dichlorobenzene
 Concen: 18.804 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX016997.D
 Acq: 26 Jun 2020 22:33

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.4	58.2
148	63.3	32.1	96.3

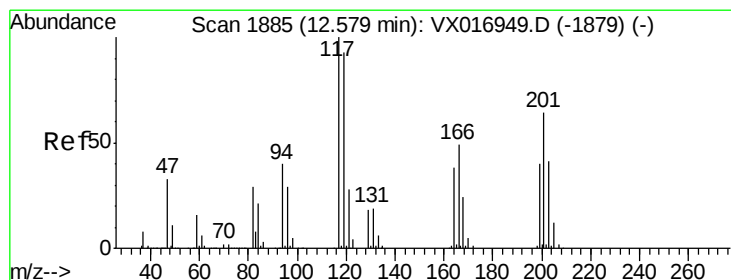
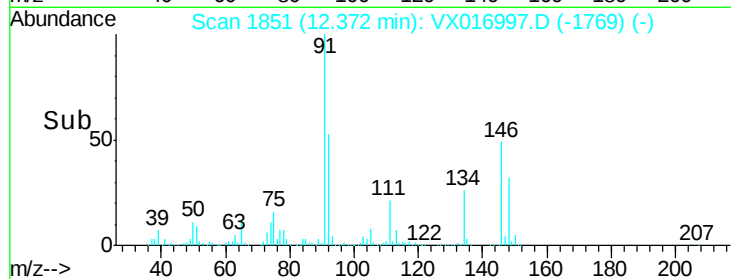
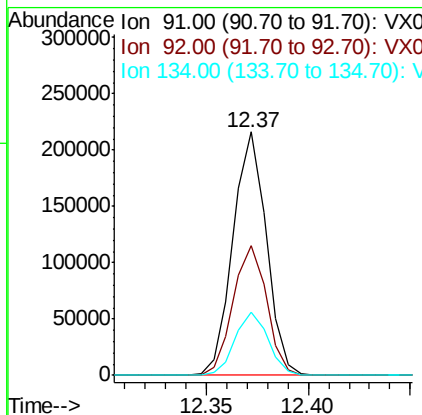
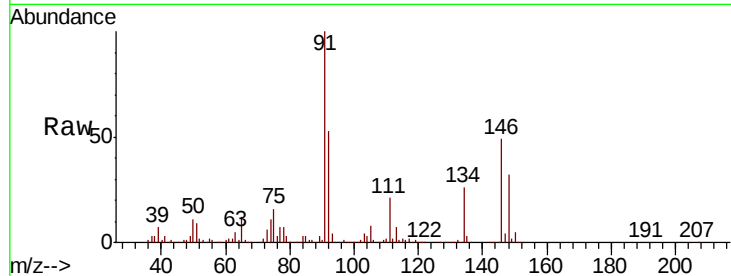




#85
n-Butylbenzene
Concen: 17.502 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016997.D
Acq: 26 Jun 2020 22:33

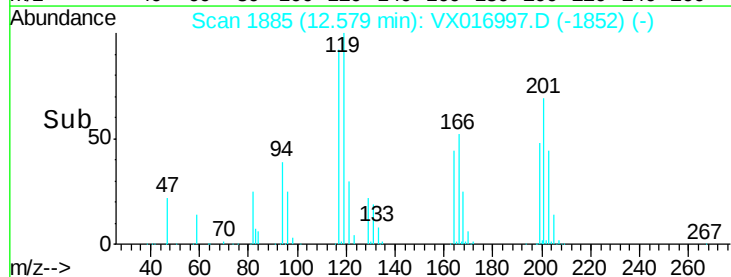
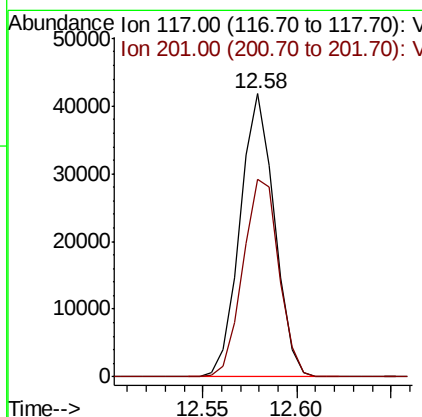
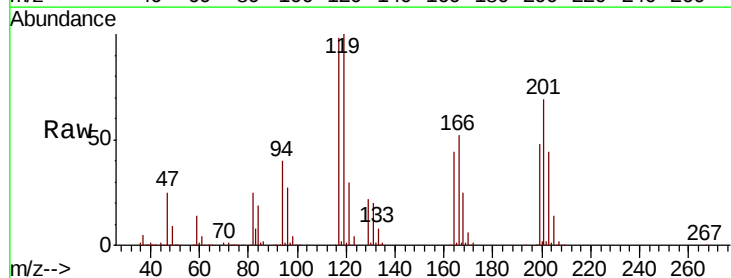
Instrument :
MSVOA_X
ClientSampleId :

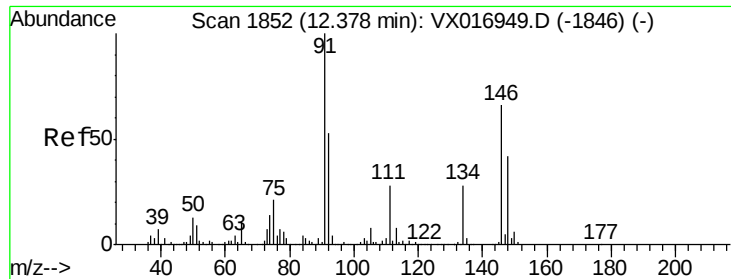
Tot Ion: 91 Resp: 245146
Ion Ratio Lower Upper
91 100
92 53.4 0.0 105.8
134 25.8 0.0 52.2



#86
Hexachloroethane
Concen: 17.879 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX016997.D
Acq: 26 Jun 2020 22:33

Tgt Ion: 117 Resp: 52949
Ion Ratio Lower Upper
117 100
201 73.3 34.6 103.9





#87

1,2-Dichlorobenzene

Concen: 18.716 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.01 min

Lab File: VX016997.D

Acq: 26 Jun 2020 22:33

Instrument :

MSVOA_X

ClientSampleId :

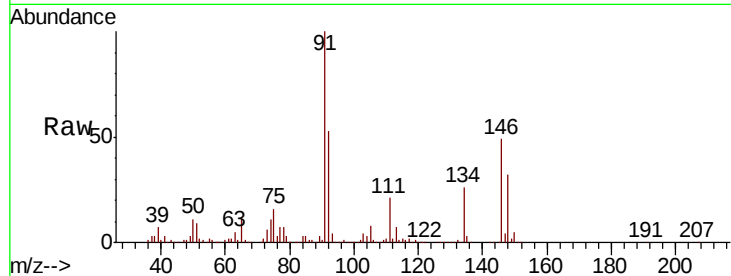
Tot Ion:146 Resp: 136395

Ion Ratio Lower Upper

146 100

111 41.8 21.1 63.1

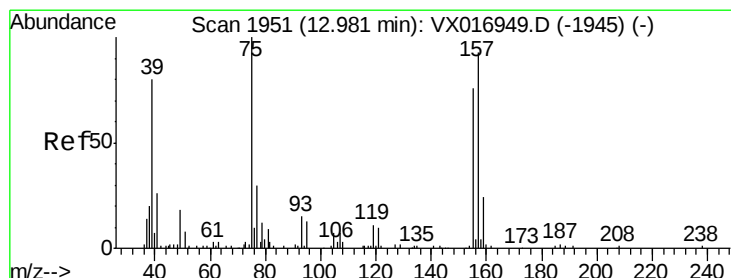
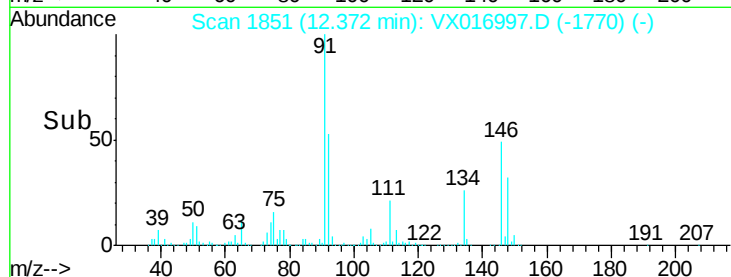
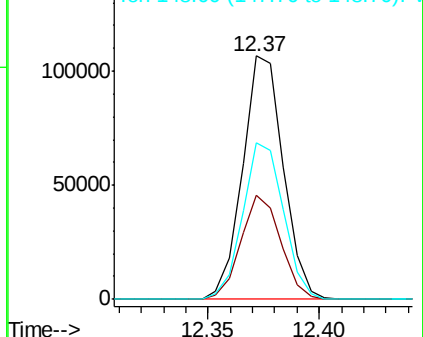
148 64.4 32.1 96.3



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,2-Dibromo-3-Chloropropane

Concen: 17.457 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX016997.D

Acq: 26 Jun 2020 22:33

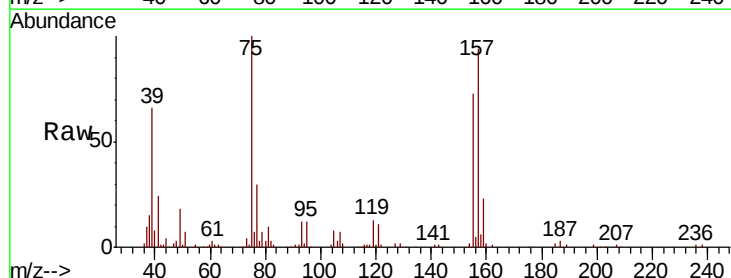
Tgt Ion: 75 Resp: 20999

Ion Ratio Lower Upper

75 100

155 80.7 65.0 97.6

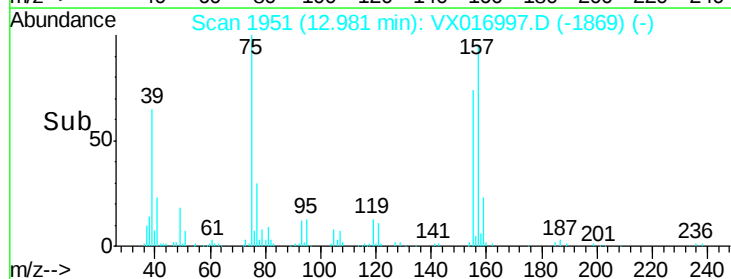
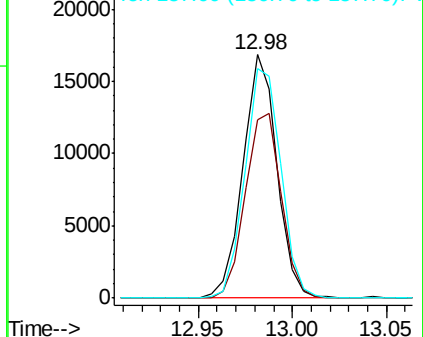
157 100.1 83.0 124.4

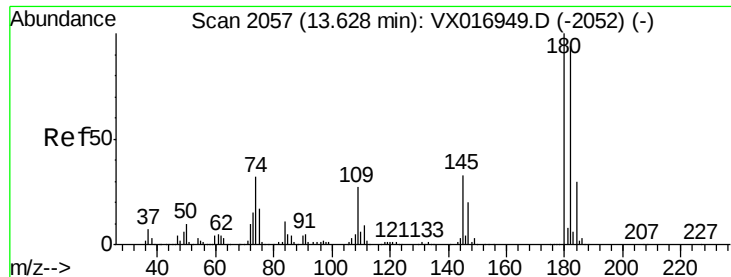


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

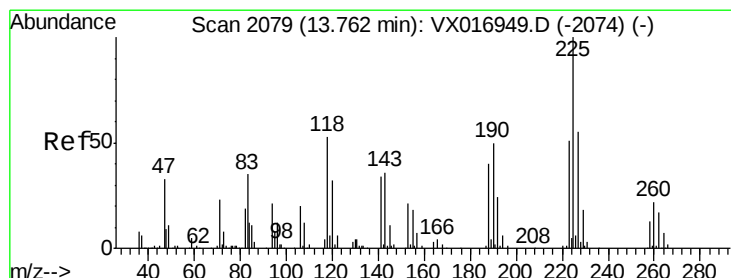
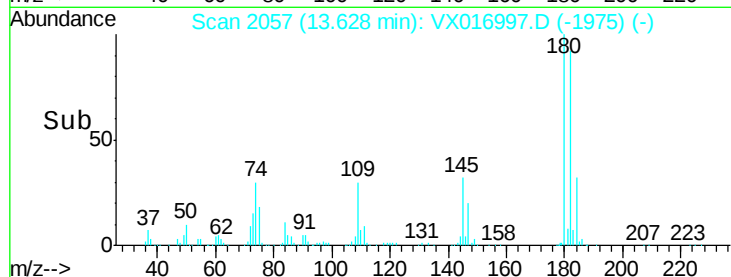
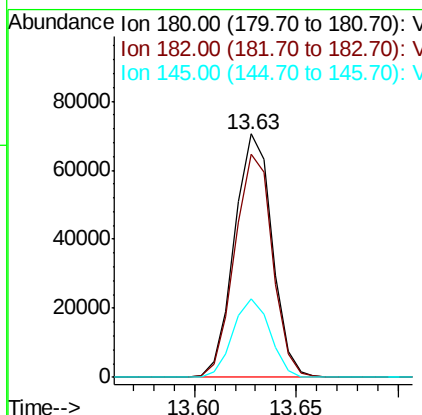
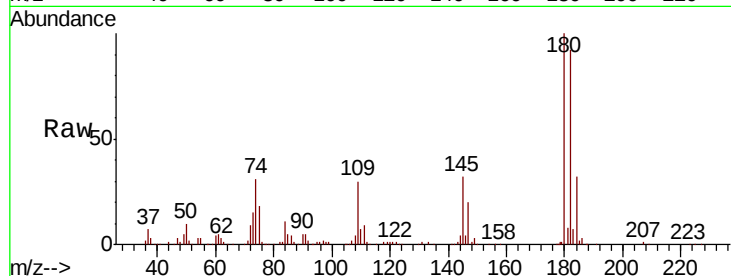




#89
 1,2,4-Trichlorobenzene
 Concen: 18.400 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016997.D
 Acq: 26 Jun 2020 22:33

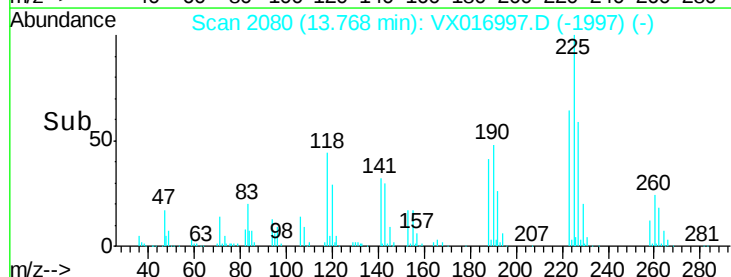
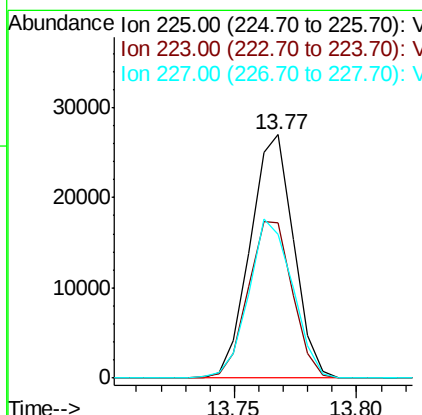
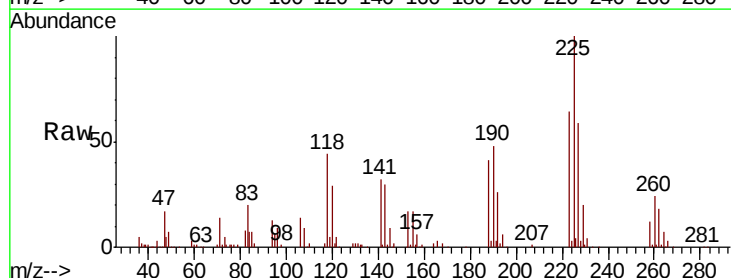
Instrument :
 MSVOA_X
 ClientSampled :

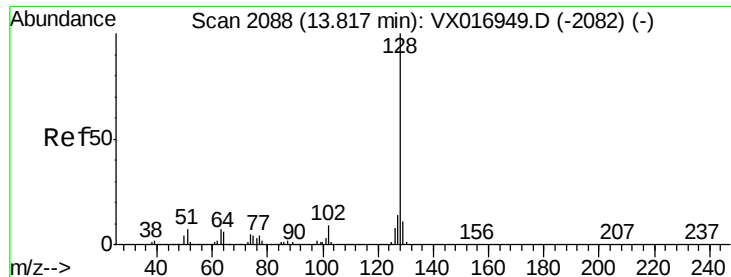
Tot Ion:180 Resp: 90467
 Ion Ratio Lower Upper
 180 100
 182 91.6 77.7 116.5
 145 31.6 26.2 39.2



#90
 Hexachlorobutadiene
 Concen: 17.904 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX016997.D
 Acq: 26 Jun 2020 22:33

Tgt Ion:225 Resp: 33486
 Ion Ratio Lower Upper
 225 100
 223 65.9 0.0 125.0
 227 66.0 0.0 124.0





#91

Naphthalene

Concen: 17.583 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX016997.D

Acq: 26 Jun 2020 22:33

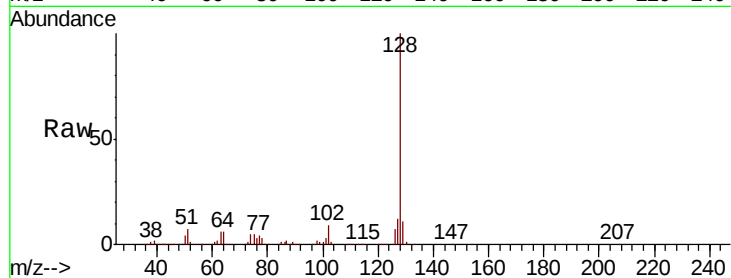
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:128 Resp: 283357

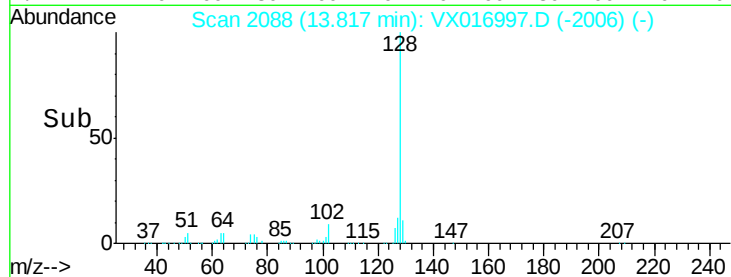
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.5	15.7
129	10.9	9.0	13.4



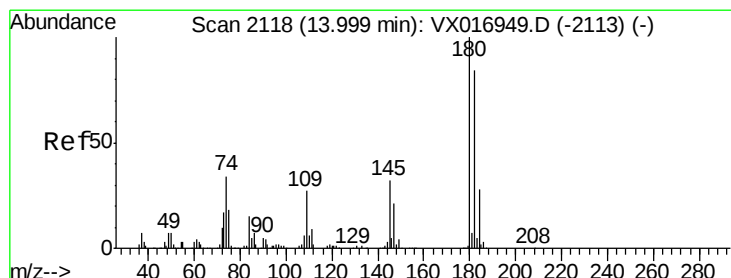
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



Time-->



#92

1,2,3-Trichlorobenzene

Concen: 18.924 ug/l

RT: 14.00 min Scan# 2118

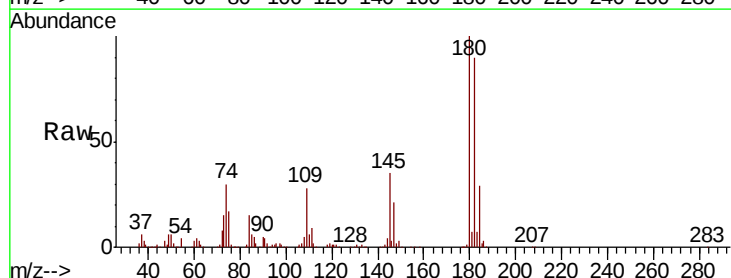
Delta R.T. 0.00 min

Lab File: VX016997.D

Acq: 26 Jun 2020 22:33

Tgt Ion:180 Resp: 90799

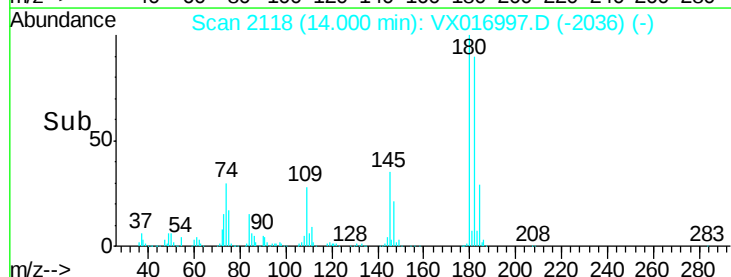
Ion	Ratio	Lower	Upper
180	100		
182	90.3	0.0	184.8
145	33.8	0.0	68.0



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



Time-->