

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070220\
 Data File : VX017144.D
 Acq On : 02 Jul 2020 13:38
 Operator : JC/SP
 Sample : VX0702WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0702WBSD01

Quant Time: Jul 03 00:47:52 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	41209	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	209043	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	202900	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	89854	28.01	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	93.37%
60) 4-Bromofluorobenzene	11.12	95	103404	30.56	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	101.87%
63) Toluene-d8	8.70	98	259494	29.01	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	96.70%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	41493	20.706	ug/l 98
3) Chloromethane	1.31	50	44178	16.257	ug/l 95
4) Vinyl Chloride	1.39	62	42664	15.395	ug/l 92
5) Bromomethane	1.63	94	29749	14.909	ug/l 100
6) Chloroethane	1.72	64	27044	15.131	ug/l 98
7) Trichlorofluoromethane	1.92	101	73386	16.283	ug/l 98
8) Diethyl Ether	2.17	74	25528	15.567	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	41902	17.518	ug/l 90
10) 1,1-Dichloroethene	2.36	96	39518	16.751	ug/l 91
11) Methyl Iodide	2.50	142	52854	16.779	ug/l 98
12) Methyl Acetate	2.75	43	53569	18.002	ug/l 95
13) Acrolein	2.27	56	41028	87.376	ug/l 97
14) Acrylonitrile	3.12	53	123150	87.377	ug/l 99
15) Acetone	2.42	58	31789	87.155	ug/l 88
16) Carbon Disulfide	2.55	76	118925	16.036	ug/l 99
17) Allyl chloride	2.71	41	73478	16.638	ug/l 96
18) Methylene Chloride	2.84	84	50126	17.641	ug/l 96
19) trans-1,2-Dichloroethene	3.14	96	46829	17.520	ug/l 96
20) Diisopropyl ether	3.82	45	152081	17.231	ug/l 98
21) 1,1-Dichloroethane	3.67	63	82843	17.023	ug/l 99
22) cis-1,2-Dichloroethene	4.57	96	52170	17.530	ug/l 96
23) tert-Butyl Alcohol	3.01	59	53329	85.419	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	148716	17.655	ug/l 98
25) Chloroform	5.18	83	87872	17.809	ug/l 98
26) Cyclohexane	5.55	56	68874	16.224	ug/l # 98
29) 1,1-Dichloropropene	5.77	75	62899	18.470	ug/l 99
30) 2-Butanone	4.64	43	167870	94.573	ug/l # 96
31) 2,2-Dichloropropane	4.55	77	73049	18.704	ug/l 99
32) 1,1,1-Trichloroethane	5.46	97	80558	19.550	ug/l 97
33) Carbon Tetrachloride	5.76	117	72606	19.869	ug/l 96
34) Benzene	6.12	78	188431	19.003	ug/l 97
35) Methacrylonitrile	5.01	41	36425	18.594	ug/l 92
36) 1,2-Dichloroethane	6.17	62	72549	19.104	ug/l 99
37) Trichloroethene	7.19	130	55821	20.631	ug/l 83
38) Methylcyclohexane	7.44	83	66497	17.147	ug/l 96
39) 1,2-Dichloropropane	7.49	63	48274	18.687	ug/l 92
40) Dibromomethane	7.64	93	34816	19.555	ug/l 92

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Quant Time: Jul 03 00:47:52 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	7.88	83	69876	18.953	ug/l #	94
42) Vinyl Acetate	3.79	43	658238	92.022	ug/l	99
43) Ethyl Acetate	4.79	43	67936	18.477	ug/l	97
44) Isopropyl Acetate	6.42	43	108237	17.860	ug/l	99
45) 1,4-Dioxane	7.71	88	23712	387.828	ug/l	96
46) Methyl methacrylate	7.74	41	51968	18.529	ug/l	94
47) n-amyl Acetate	10.88	43	92029	17.180	ug/l	97
48) t-1,3-Dichloropropene	9.02	75	74628	18.307	ug/l	97
49) cis-1,3-Dichloropropene	8.42	75	81445	19.011	ug/l	96
50) 1,1,2-Trichloroethane	9.20	97	51309	20.649	ug/l	96
51) Ethyl methacrylate	9.16	69	68285	17.907	ug/l	97
52) 1,3-Dichloropropane	9.35	76	82130	19.252	ug/l	96
53) Dibromochloromethane	9.57	129	59239	20.742	ug/l	100
54) 1,2-Dibromoethane	9.65	107	54501	20.670	ug/l	99
55) 2-Chloroethyl vinyl ether	8.29	63	189625	94.496	ug/l	97
56) Bromoform	10.84	173	44816	22.106	ug/l	98
58) 4-Methyl-2-Pentanone	8.62	43	339960	90.960	ug/l	97
59) 2-Hexanone	9.47	43	252986	90.698	ug/l	98
61) Tetrachloroethene	9.32	164	53362	20.622	ug/l	94
62) Toluene	8.76	91	204776	18.452	ug/l	100
64) Chlorobenzene	10.12	112	132272	19.025	ug/l	96
65) 1,1,1,2-Tetrachloroethane	10.21	131	53058	20.271	ug/l	98
66) Ethyl Benzene	10.24	91	220162	17.890	ug/l	97
67) m/p-Xylenes	10.34	106	172267	37.106	ug/l	99
68) o-Xylene	10.68	106	81266	18.223	ug/l	98
69) Styrene	10.70	104	141643	18.550	ug/l	97
70) Isopropylbenzene	11.00	105	223935	18.514	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.25	83	71399	19.221	ug/l	96
72) 1,2,3-Trichloropropane	11.28	75	89835	25.183	ug/l	89
73) Bromobenzene	11.24	156	63384	20.764	ug/l	94
74) n-propylbenzene	11.34	91	251769	17.531	ug/l	98
75) 2-Chlorotoluene	11.40	91	155666	18.588	ug/l	100
76) 1,3,5-Trimethylbenzene	11.49	105	188410	18.557	ug/l	100
77) t-1,4-Dichloro-2-butene	11.05	75	24856	17.193	ug/l	90
78) 4-Chlorotoluene	11.49	91	181968	18.352	ug/l	100
79) tert-butylbenzene	11.76	119	179325	18.438	ug/l	98
80) 1,2,4-Trimethylbenzene	11.79	105	184045	18.057	ug/l	97
81) sec-Butylbenzene	11.93	105	207554	17.626	ug/l	99
82) p-Isopropyltoluene	12.05	119	195234	18.362	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	108316	19.800	ug/l	98
84) 1,4-Dichlorobenzene	12.08	146	109411	19.906	ug/l	98
85) n-Butylbenzene	12.37	91	161237	16.383	ug/l	98
86) Hexachloroethane	12.58	117	37406	17.977	ug/l	86
87) 1,2-Dichlorobenzene	12.38	146	101495	19.822	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	12.98	75	16026	18.962	ug/l	90
89) 1,2,4-Trichlorobenzene	13.63	180	68922	19.951	ug/l	98
90) Hexachlorobutadiene	13.77	225	28522	21.704	ug/l	98
91) Naphthalene	13.82	128	215255	19.010	ug/l	99
92) 1,2,3-Trichlorobenzene	14.00	180	68253	20.246	ug/l	98

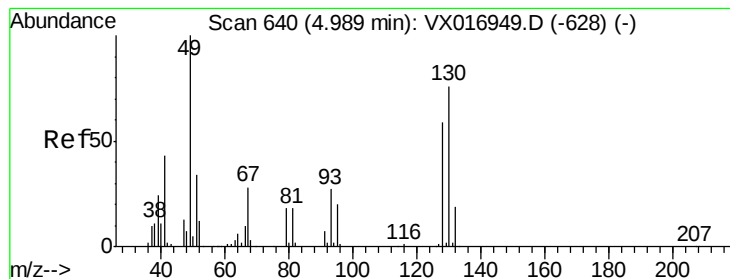
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070220\
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 639

Delta R.T. -0.01 min

Lab File: VX017144.D

Acq: 02 Jul 2020 13:38

Instrument :

MSVOA_X

ClientSampleId :

VX0702WBSD01

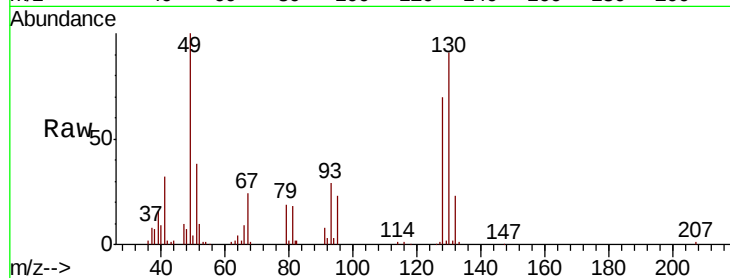
Tot Ion:128 Resp: 41209

Ion Ratio Lower Upper

128 100

49 146.7 0.0 428.0

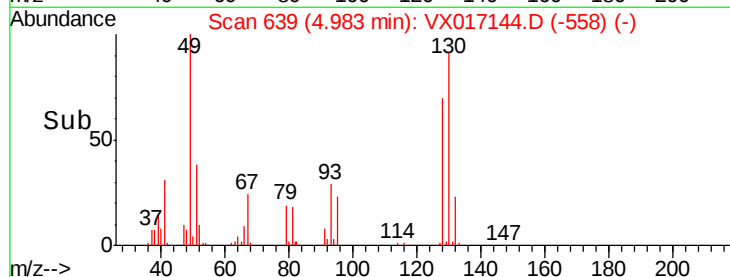
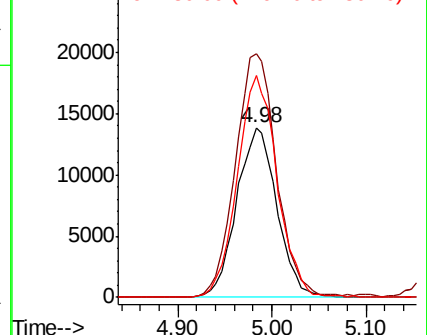
130 129.2 0.0 318.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 20.706 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017144.D

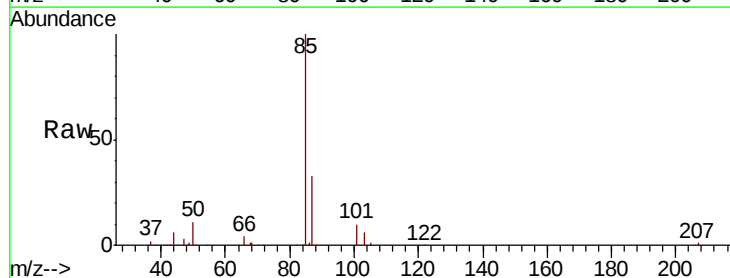
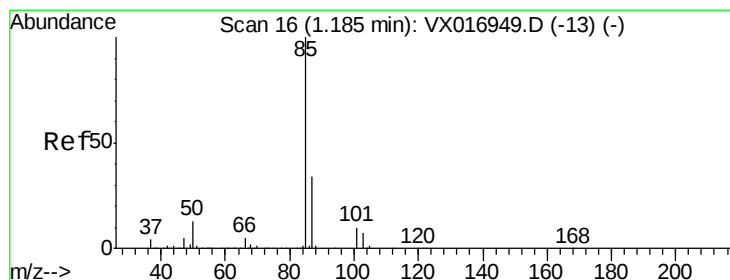
Acq: 02 Jul 2020 13:38

Tgt Ion: 85 Resp: 41493

Ion Ratio Lower Upper

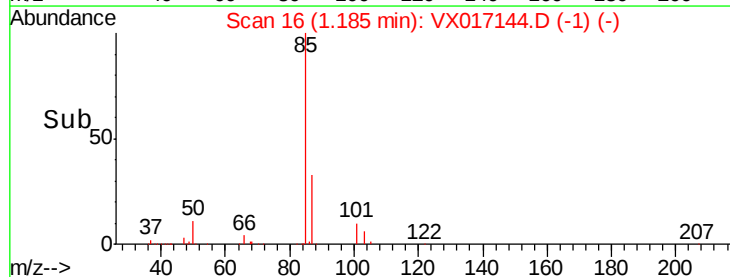
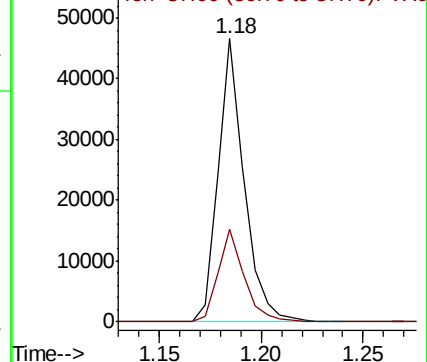
85 100

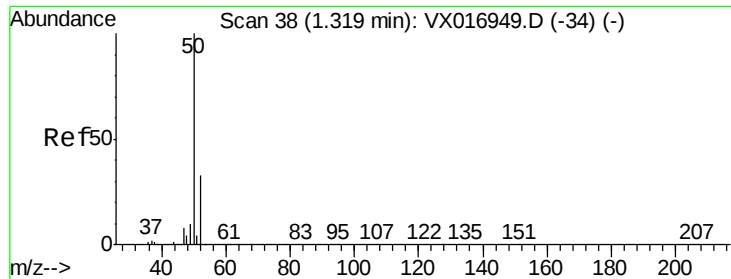
87 32.7 16.9 50.7



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 16.257 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX017144.D

Acq: 02 Jul 2020 13:38

Instrument :

MSVOA_X

ClientSampleId :

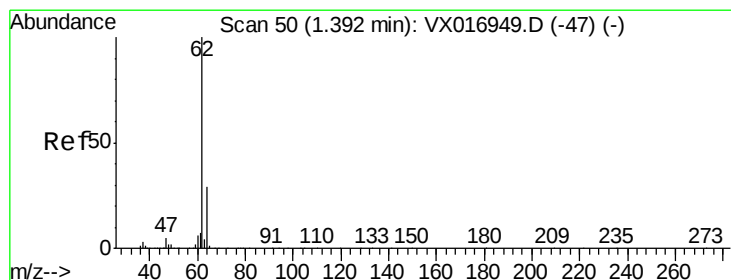
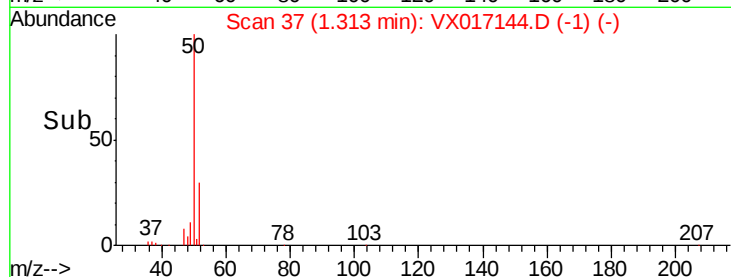
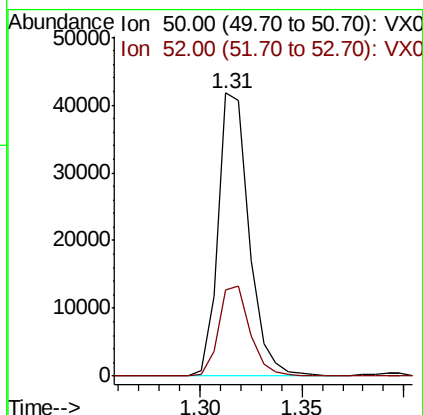
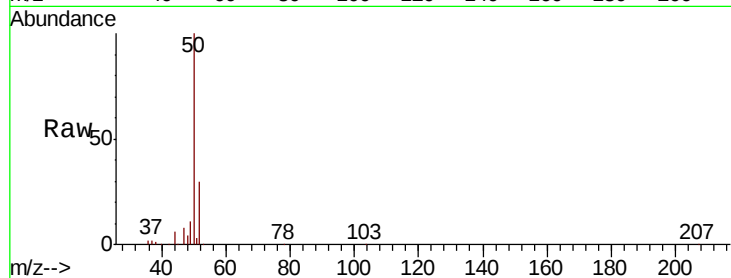
VX0702WBSD01

Tot Ion: 50 Resp: 44178

Ion Ratio Lower Upper

50 100

52 30.4 26.5 39.7



#4

Vinyl Chloride

Concen: 15.395 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX017144.D

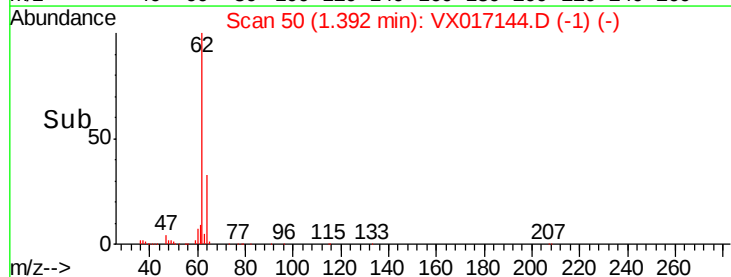
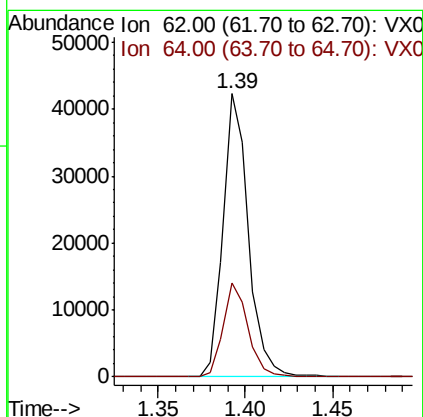
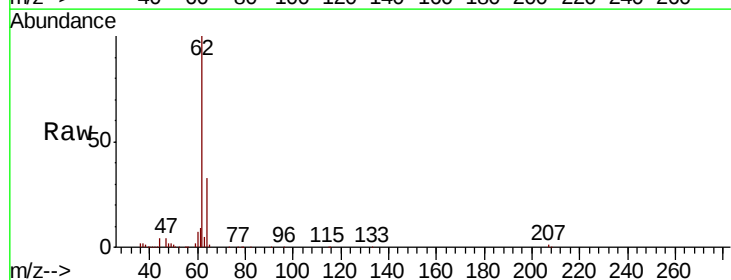
Acq: 02 Jul 2020 13:38

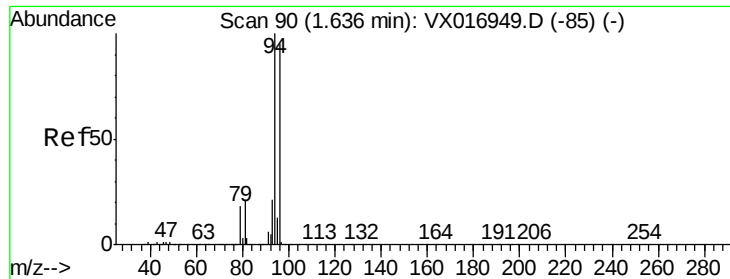
Tgt Ion: 62 Resp: 42664

Ion Ratio Lower Upper

62 100

64 33.3 23.4 35.0





#5

Bromomethane

Concen: 14.909 ug/l

RT: 1.63 min Scan# 89

Delta R.T. -0.01 min

Lab File: VX017144.D

Acq: 02 Jul 2020 13:38

Instrument :

MSVOA_X

ClientSampleId :

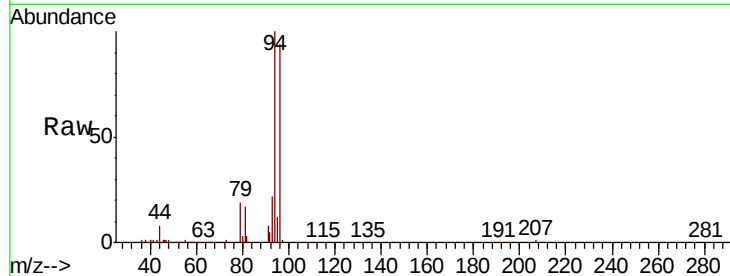
VX0702WBSD01

Tot Ion: 94 Resp: 29749

Ion Ratio Lower Upper

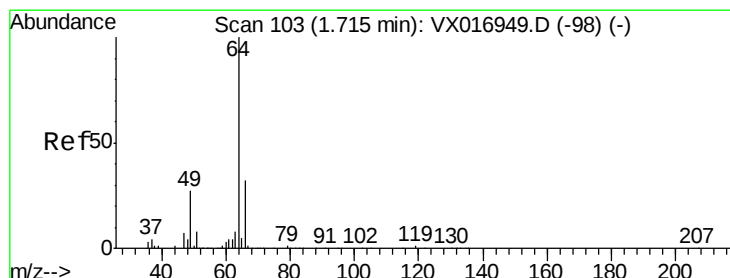
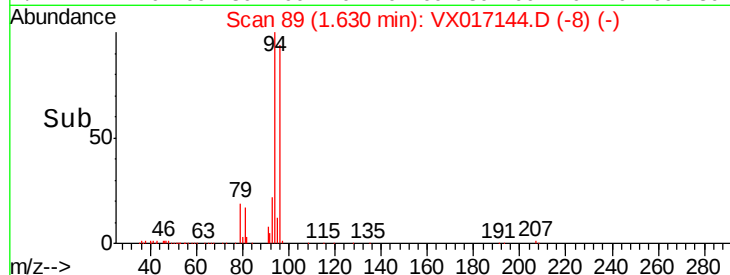
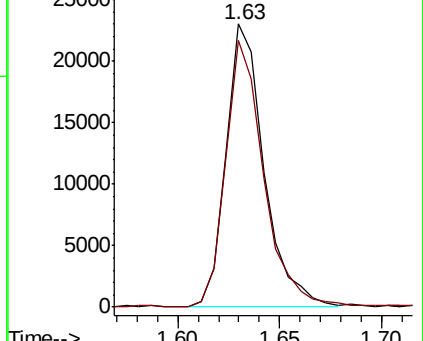
94 100

96 94.1 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: 15.131 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX017144.D

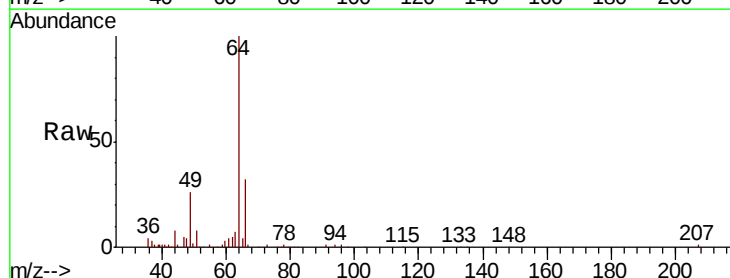
Acq: 02 Jul 2020 13:38

Tgt Ion: 64 Resp: 27044

Ion Ratio Lower Upper

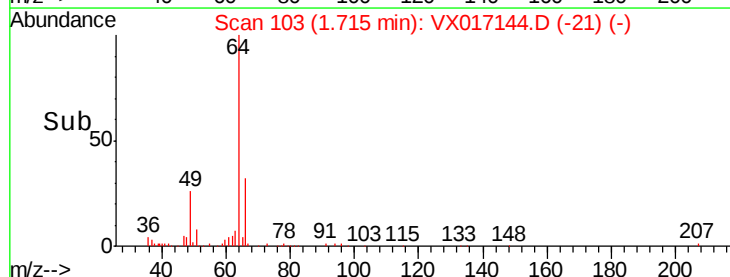
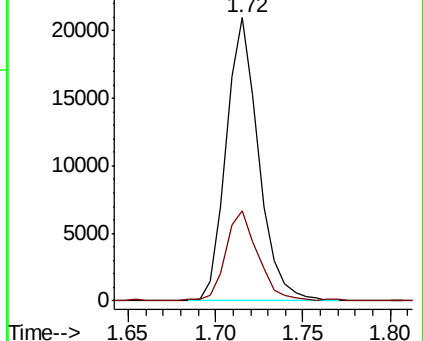
64 100

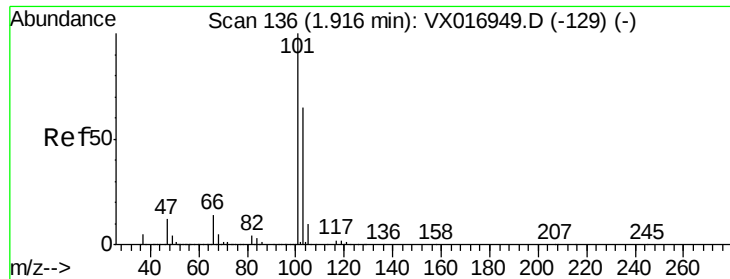
66 31.4 26.1 39.1



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



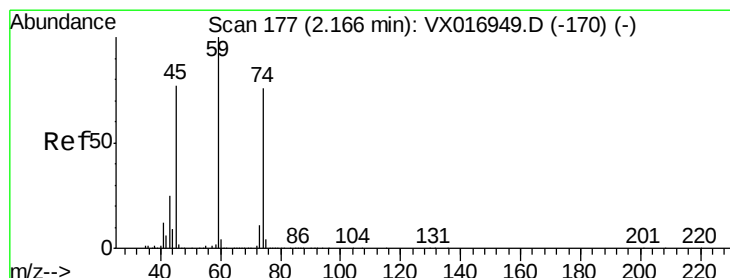
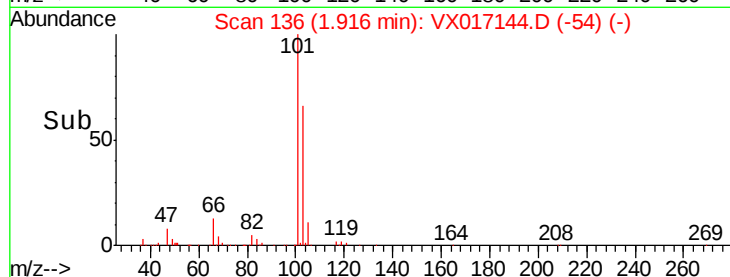
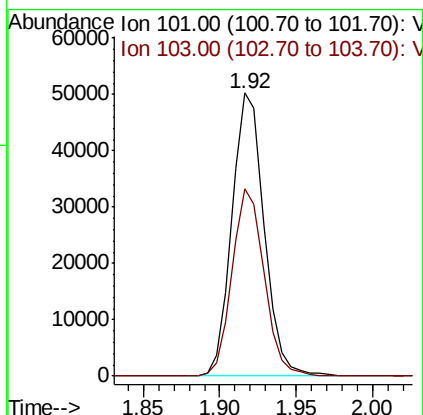
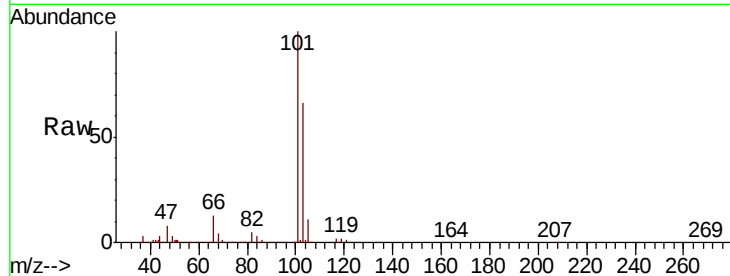


#7

Trichlorofluoromethane
 Concen: 16.283 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. 0.00 min
 Lab File: VX017144.D
 Acq: 02 Jul 2020 13:38

Instrument :
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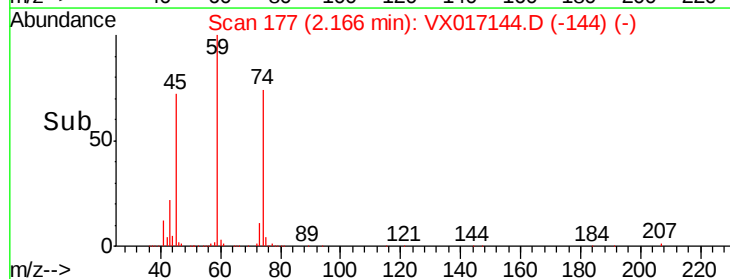
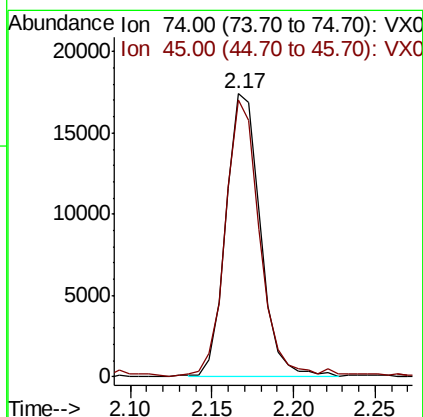
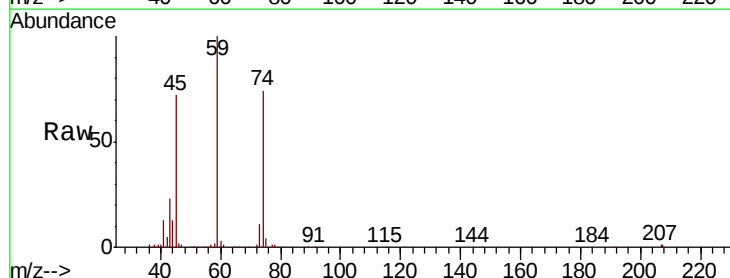
Tot Ion:101 Resp: 73386
 Ion Ratio Lower Upper
 101 100
 103 66.4 52.1 78.1

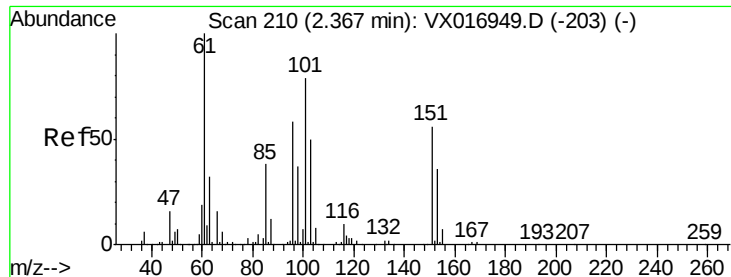


#8

Diethyl Ether
 Concen: 15.567 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX017144.D
 Acq: 02 Jul 2020 13:38

Tgt Ion: 74 Resp: 25528
 Ion Ratio Lower Upper
 74 100
 45 96.2 19.8 178.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.518 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX017144.D

Acq: 02 Jul 2020 13:38

Instrument :

MSVOA_X

ClientSampleId :

VX0702WBSD01

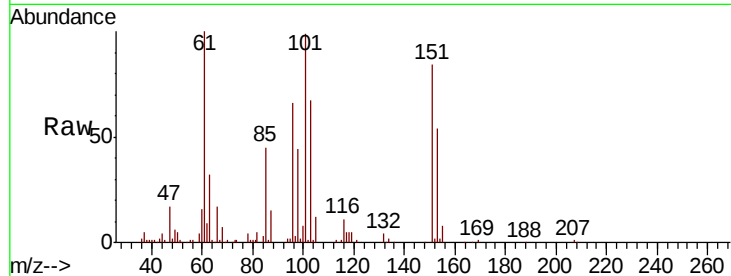
Tot Ion:101 Resp: 41902

Ion Ratio Lower Upper

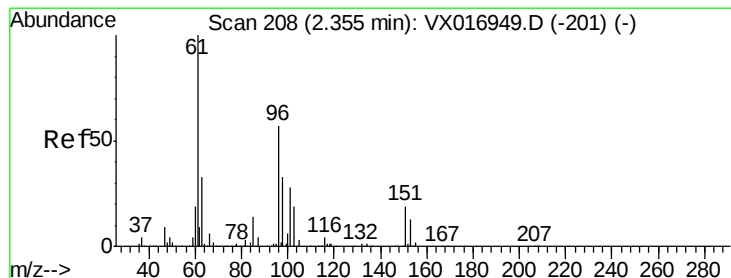
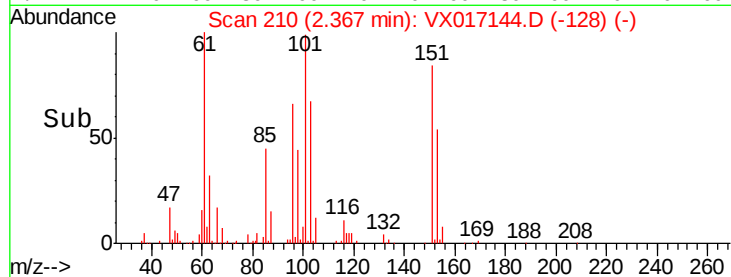
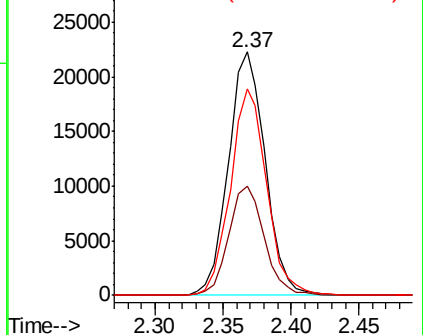
101 100

85 43.7 0.0 94.6

151 83.5 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: 16.751 ug/l

RT: 2.36 min Scan# 208

Delta R.T. 0.00 min

Lab File: VX017144.D

Acq: 02 Jul 2020 13:38

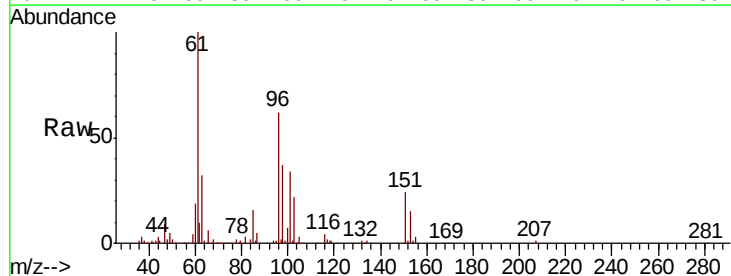
Tgt Ion: 96 Resp: 39518

Ion Ratio Lower Upper

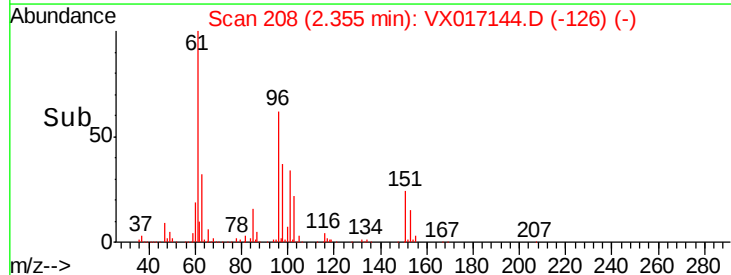
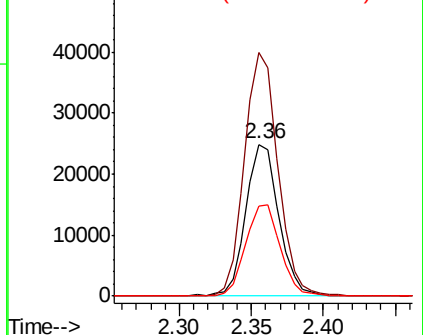
96 100

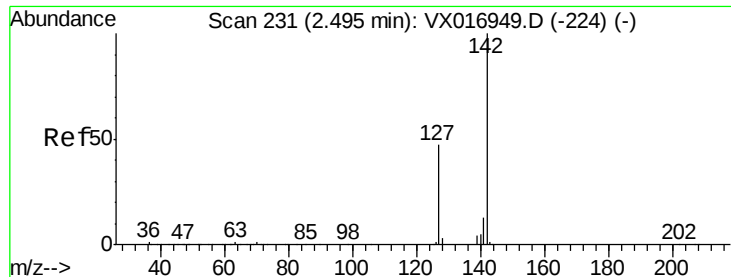
61 160.6 141.3 211.9

98 59.6 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

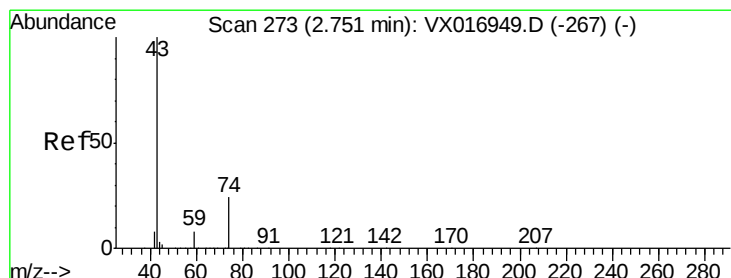
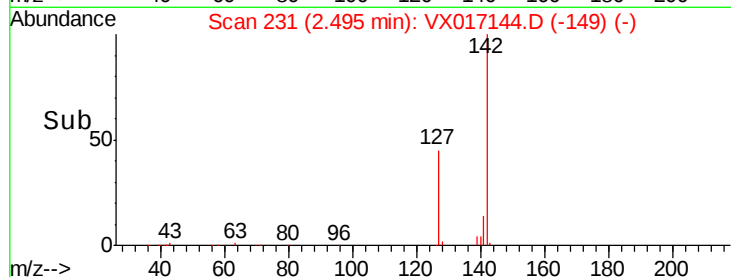
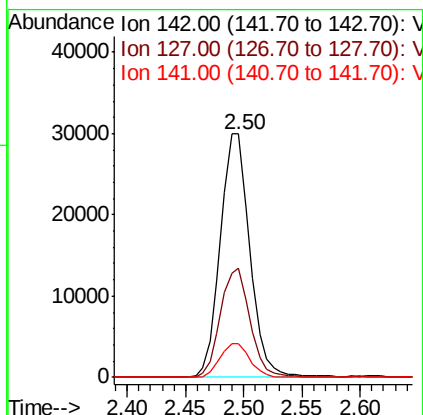
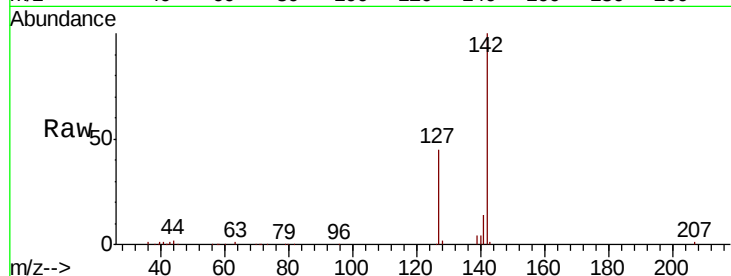




#11
Methyl Iodide
Concen: 16.779 ug/l
RT: 2.50 min Scan# 231
Delta R.T. 0.00 min
Lab File: VX017144.D
Acq: 02 Jul 2020 13:38

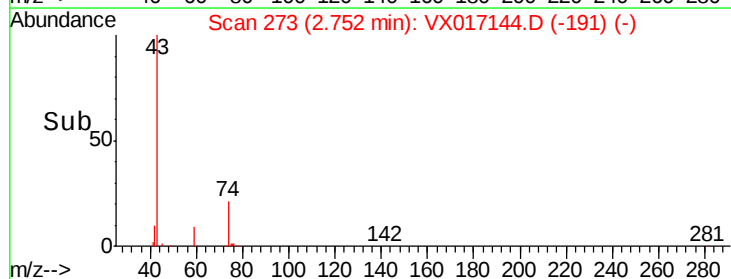
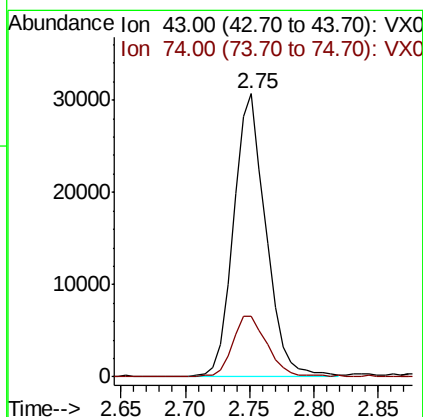
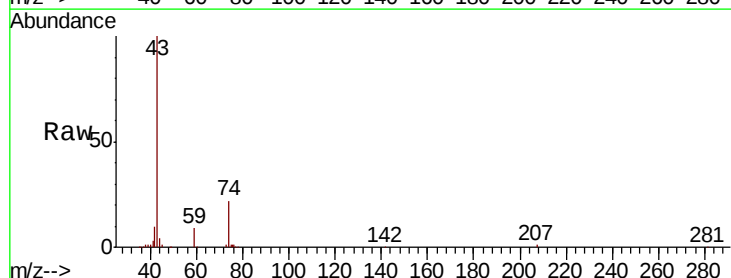
Instrument :
MSVOA_X
ClientSampleId :
VX0702WBSD01

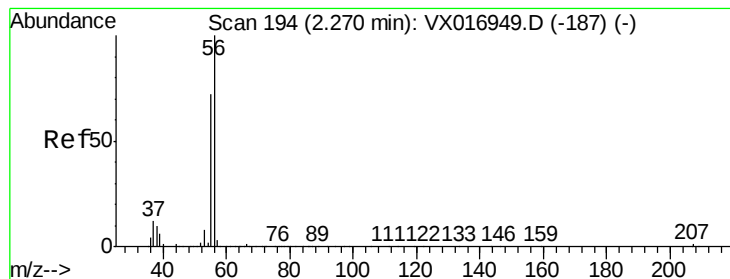
Tot Ion:142 Resp: 52854
Ion Ratio Lower Upper
142 100
127 45.1 23.3 69.9
141 13.6 6.7 20.1



#12
Methyl Acetate
Concen: 18.002 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX017144.D
Acq: 02 Jul 2020 13:38

Tgt Ion: 43 Resp: 53569
Ion Ratio Lower Upper
43 100
74 21.2 19.1 28.7





#13

Acrolein

Concen: 87.376 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX017144.D

Acq: 02 Jul 2020 13:38

Instrument :

MSVOA_X

ClientSampleId :

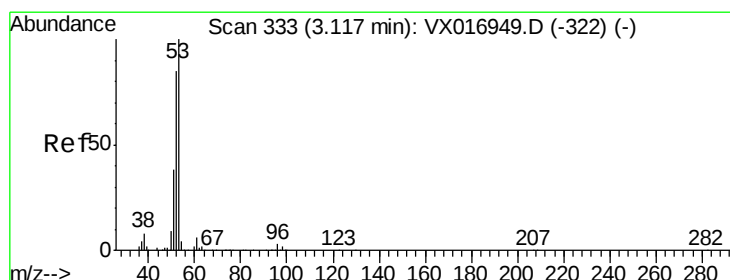
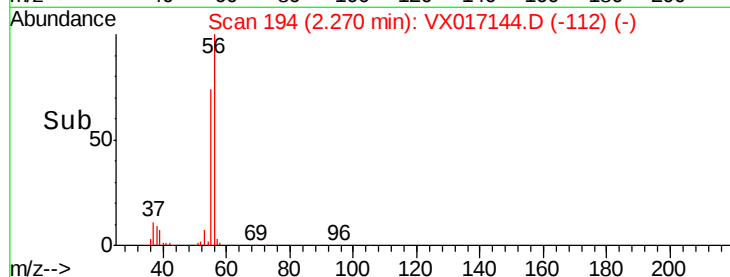
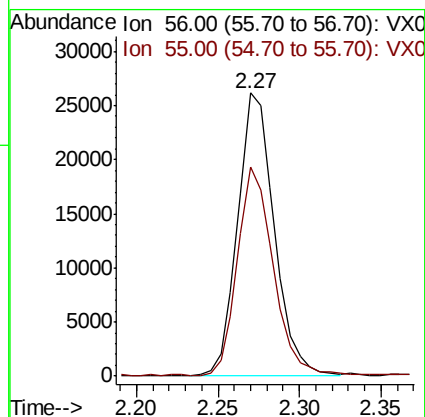
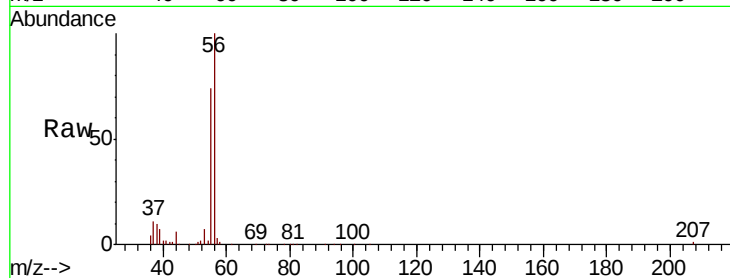
VX0702WBSD01

Tot Ion: 56 Resp: 41028

Ion Ratio Lower Upper

56 100

55 73.1 56.2 84.4



#14

Acrylonitrile

Concen: 87.377 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX017144.D

Acq: 02 Jul 2020 13:38

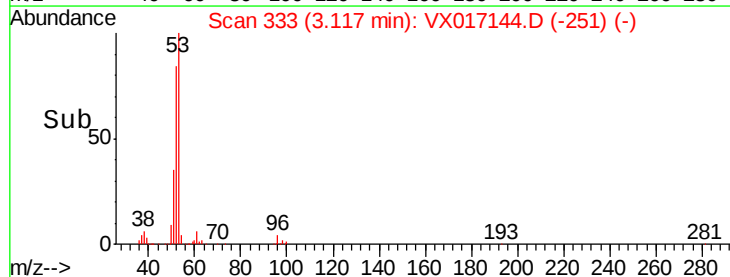
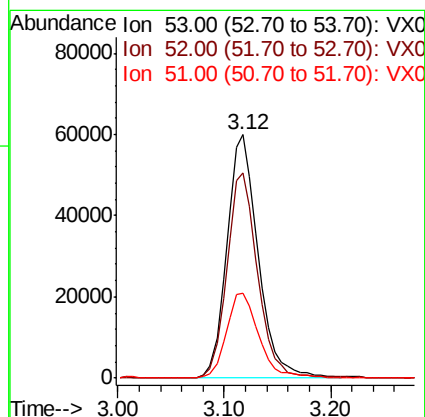
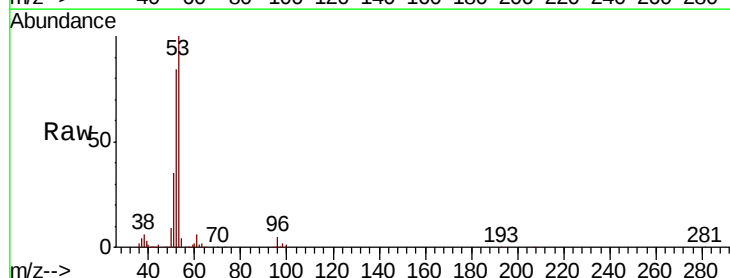
Tgt Ion: 53 Resp: 123150

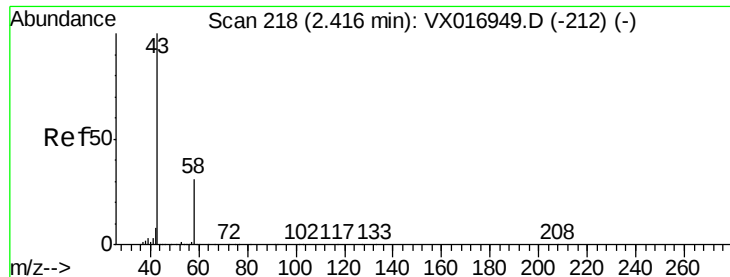
Ion Ratio Lower Upper

53 100

52 82.6 40.6 121.8

51 36.4 18.4 55.4





#15

Acetone

Concen: 87.155 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX017144.D

Acq: 02 Jul 2020 13:38

Instrument :

MSVOA_X

ClientSampleId :

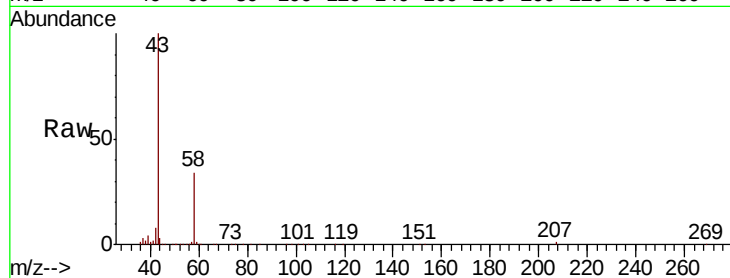
VX0702WBSD01

Tot Ion: 58 Resp: 31789

Ion Ratio Lower Upper

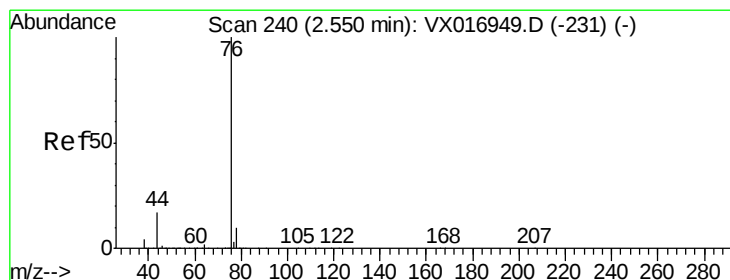
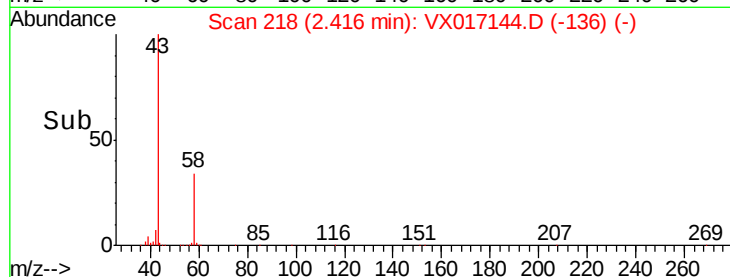
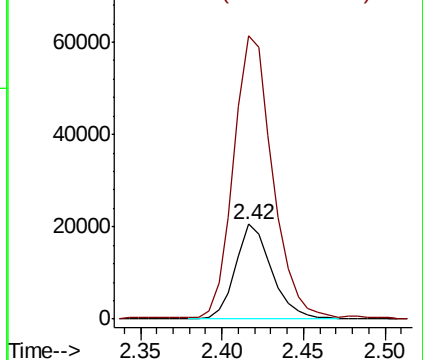
58 100

43 297.3 257.6 386.4



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 16.036 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017144.D

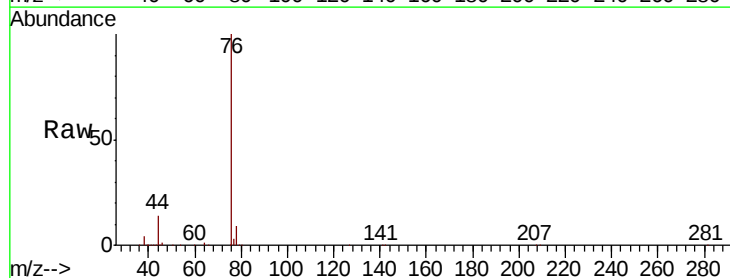
Acq: 02 Jul 2020 13:38

Tgt Ion: 76 Resp: 118925

Ion Ratio Lower Upper

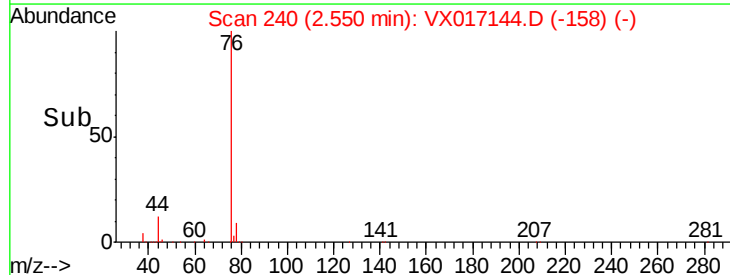
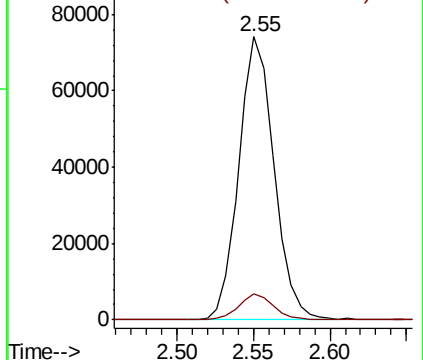
76 100

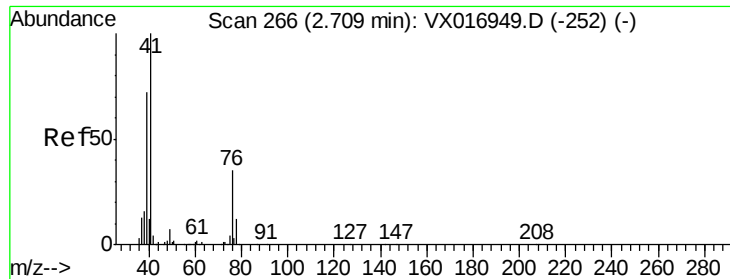
78 9.1 7.6 11.4



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

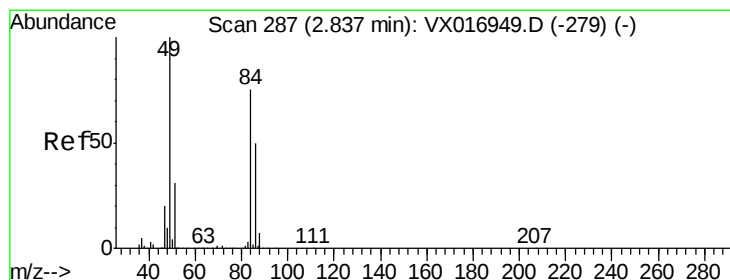
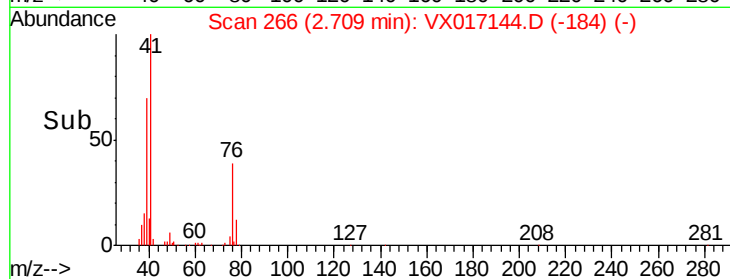
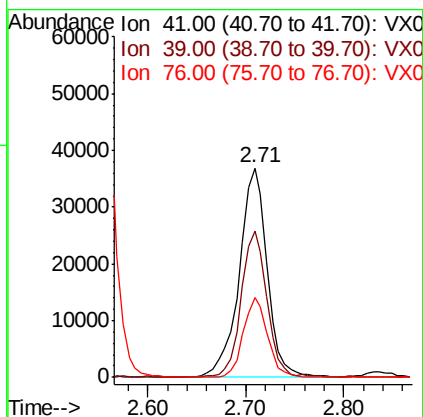
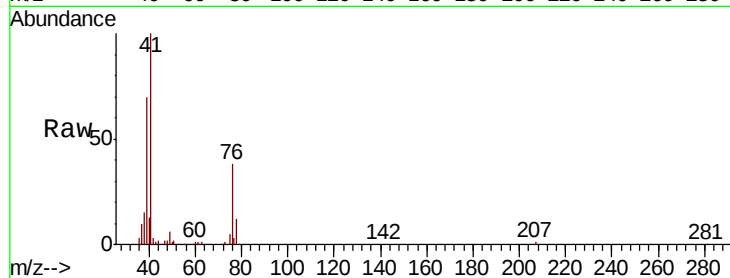




#17
Allvl chloride
Concen: 16.638 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX017144.D
Acq: 02 Jul 2020 13:38

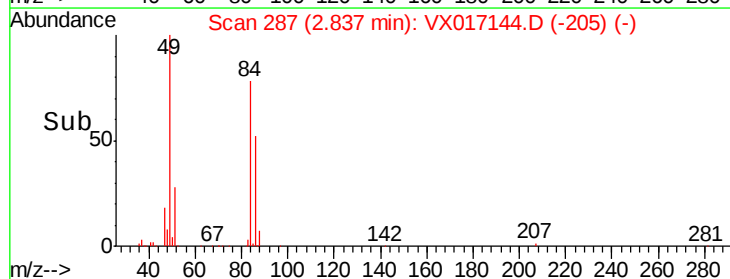
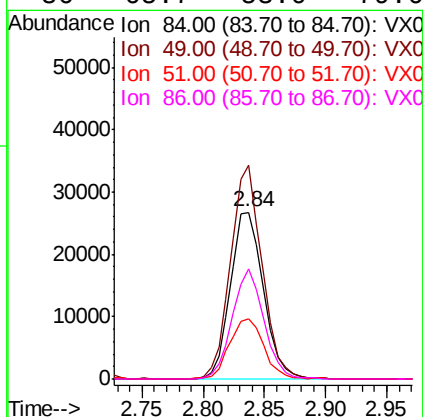
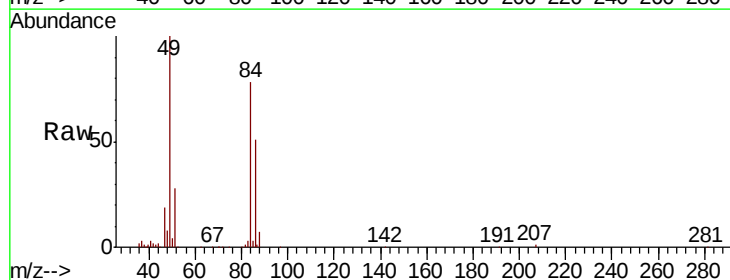
Instrument :
MSVOA_X
ClientSampleId :
VX0702WBSD01

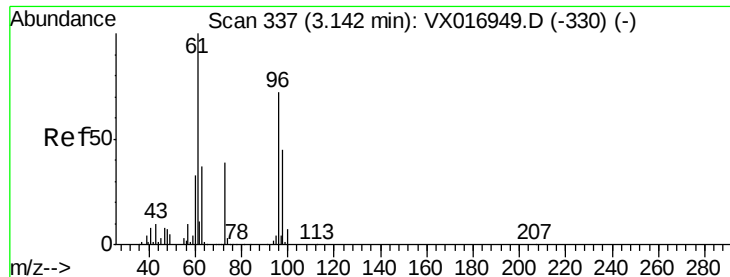
Tot Ion: 41 Resp: 73478
Ion Ratio Lower Upper
41 100
39 69.5 35.9 107.8
76 38.2 17.6 52.8



#18
Methylene Chloride
Concen: 17.641 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017144.D
Acq: 02 Jul 2020 13:38

Tgt Ion: 84 Resp: 50126
Ion Ratio Lower Upper
84 100
49 127.7 106.6 159.8
51 36.3 32.7 49.1
86 65.7 53.0 79.6

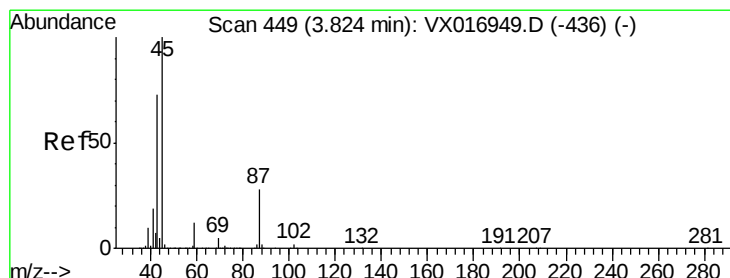
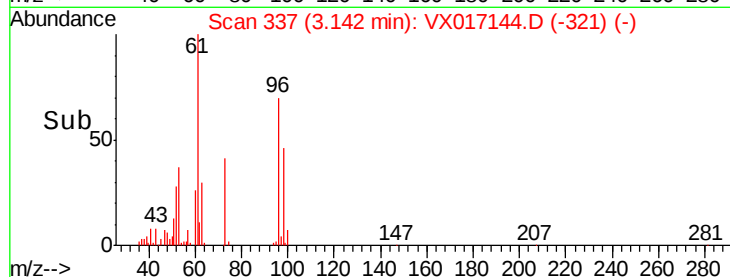
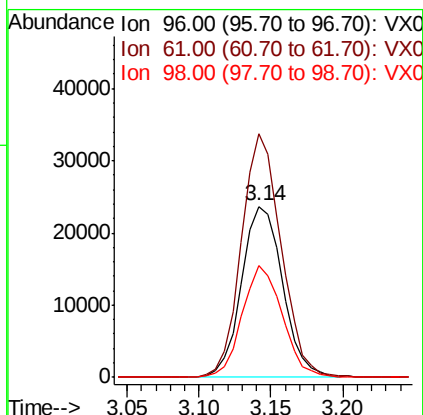
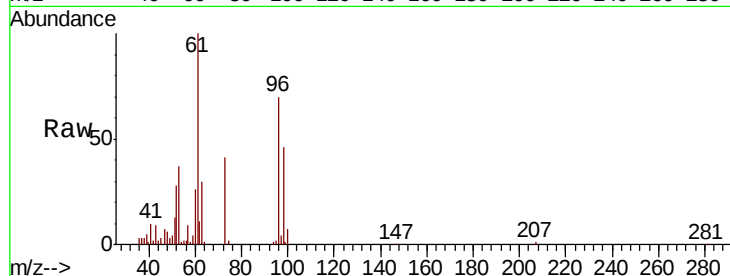




#19
trans-1,2-Dichloroethene
Concen: 17.520 ug/l
RT: 3.14 min Scan# 337
Delta R.T. 0.00 min
Lab File: VX017144.D
Acq: 02 Jul 2020 13:38

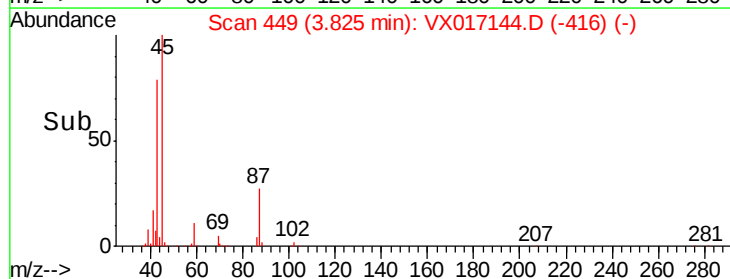
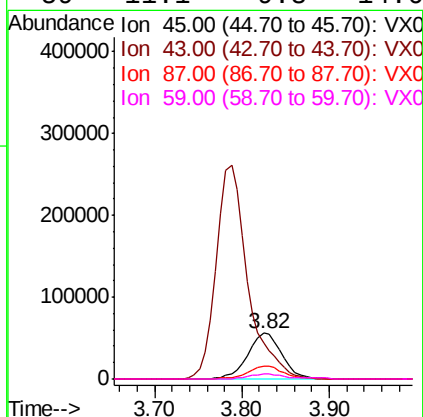
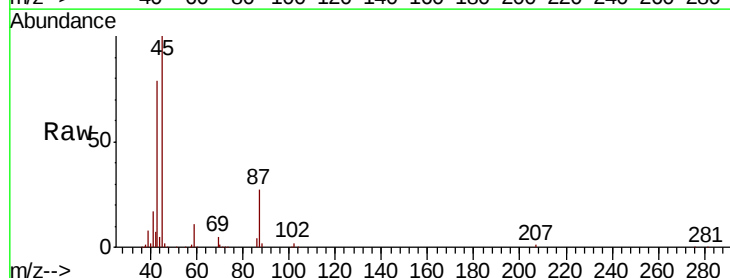
Instrument :
MSVOA_X
ClientSampleId :
VX0702WBSD01

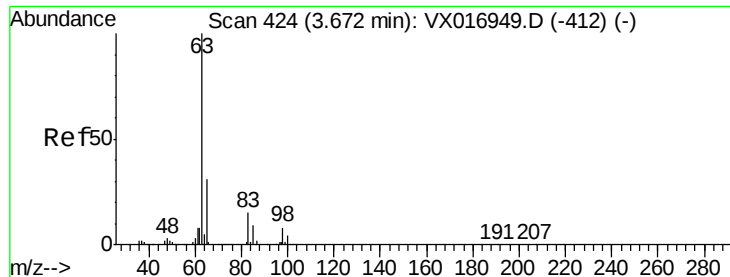
Tot Ion: 96 Resp: 46829
Ion Ratio Lower Upper
96 100
61 142.6 110.6 165.8
98 65.4 49.8 74.6



#20
Diisopropyl ether
Concen: 17.231 ug/l
RT: 3.82 min Scan# 449
Delta R.T. 0.00 min
Lab File: VX017144.D
Acq: 02 Jul 2020 13:38

Tgt Ion: 45 Resp: 152081
Ion Ratio Lower Upper
45 100
43 77.9 63.9 95.9
87 27.4 22.2 33.4
59 11.1 9.8 14.6





#21

1,1-Dichloroethane

Concen: 17.023 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX017144.D

Acq: 02 Jul 2020 13:38

Instrument :

MSVOA_X

ClientSampleId :

VX0702WBSD01

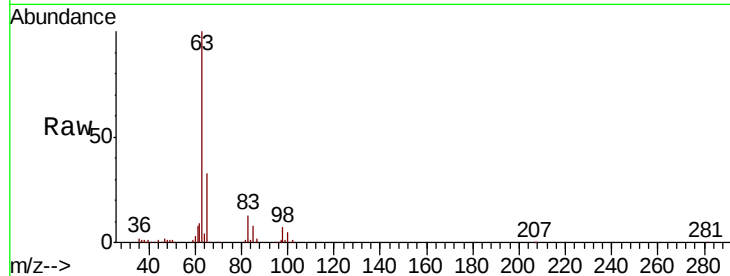
Tot Ion: 63 Resp: 82843

Ion Ratio Lower Upper

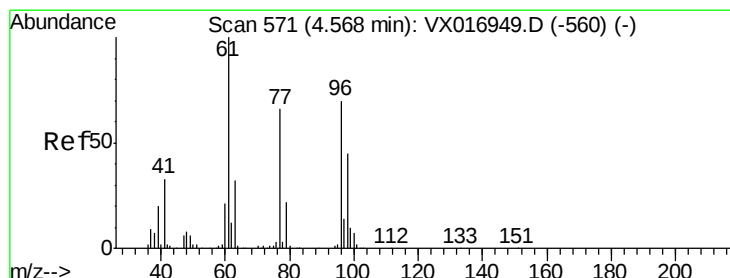
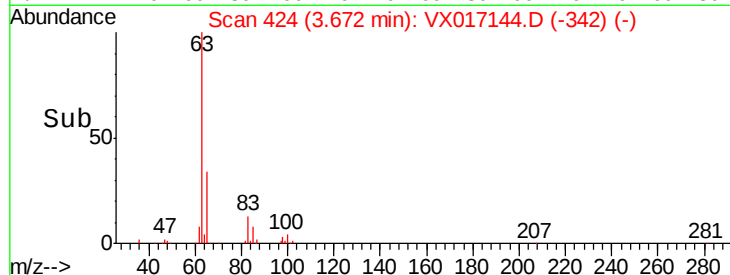
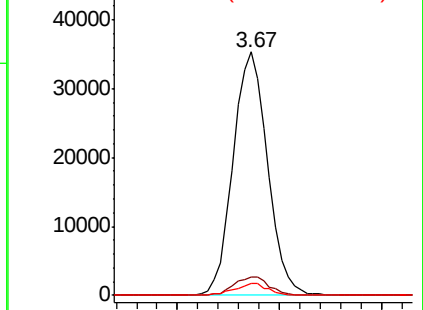
63 100

98 7.3 3.8 11.4

100 4.7 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: 17.530 ug/l

RT: 4.57 min Scan# 571

Delta R.T. 0.00 min

Lab File: VX017144.D

Acq: 02 Jul 2020 13:38

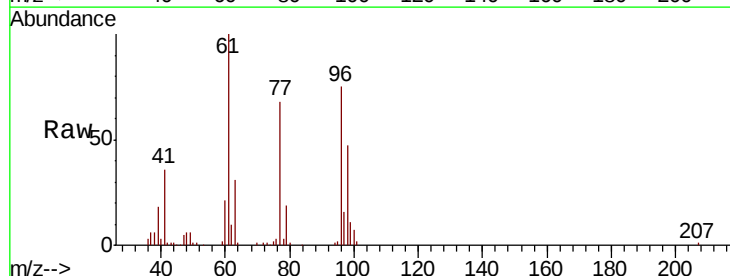
Tgt Ion: 96 Resp: 52170

Ion Ratio Lower Upper

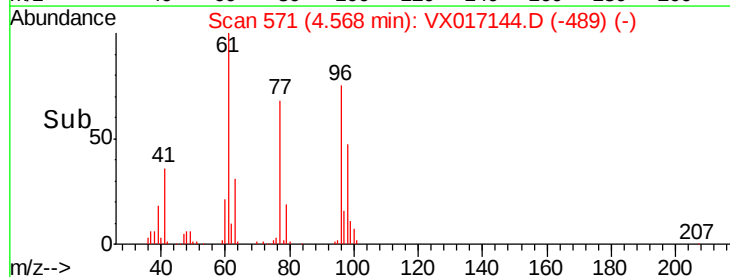
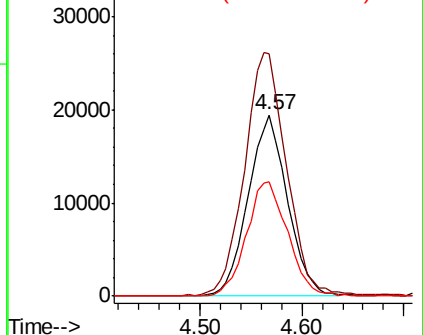
96 100

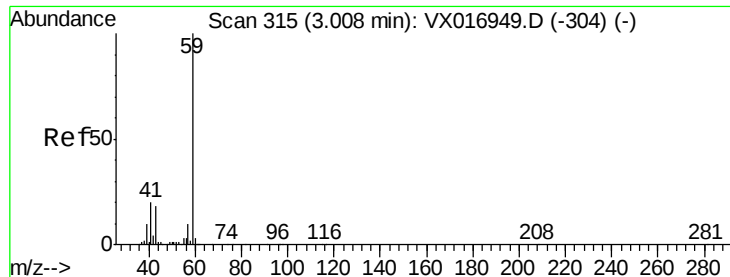
61 143.9 120.8 181.2

98 65.9 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



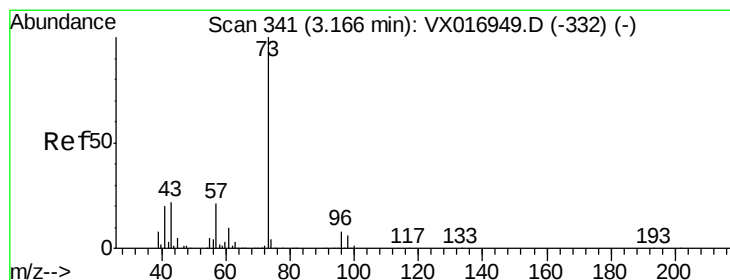
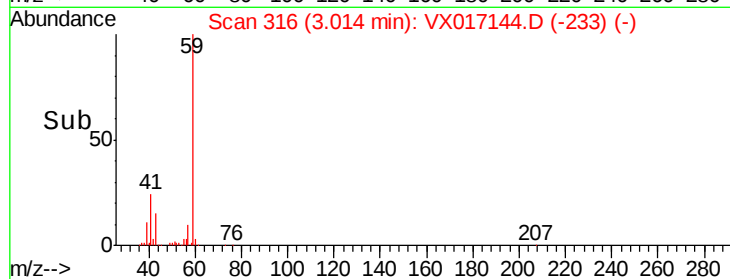
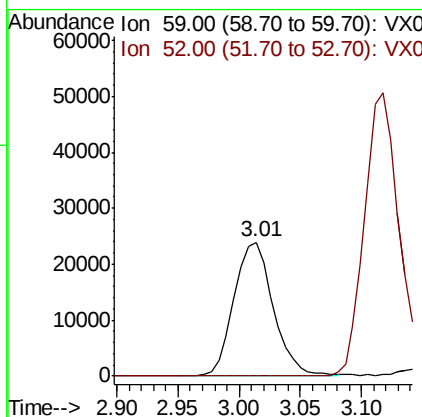
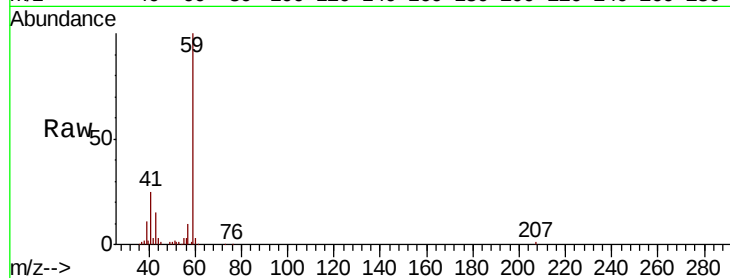


#23

tert-Butyl Alcohol
 Concen: 85.419 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. 0.01 min
 Lab File: VX017144.D
 Acq: 02 Jul 2020 13:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0702WBSD01

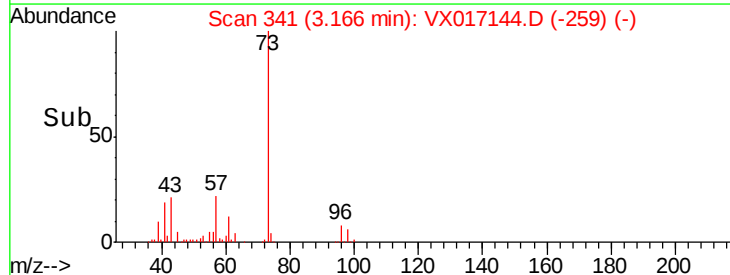
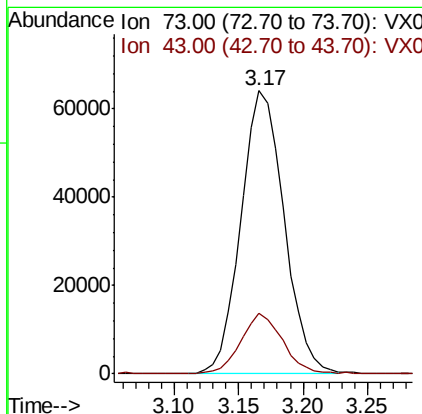
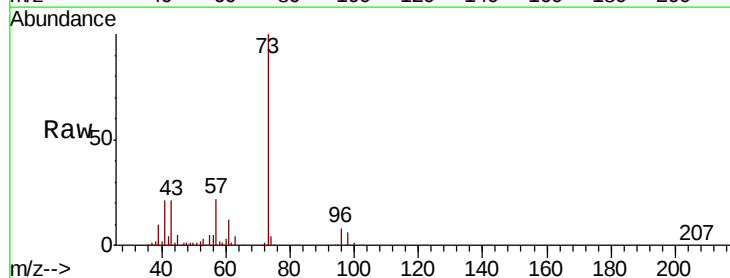
Tot Ion: 59 Resp: 53329
 Ion Ratio Lower Upper
 59 100
 52 0.3 0.1 0.1#

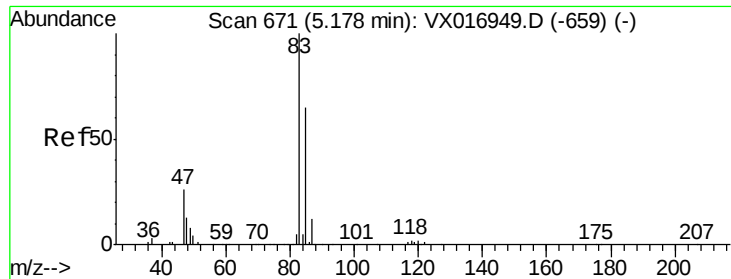


#24

Methyl tert-Butyl Ether
 Concen: 17.655 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX017144.D
 Acq: 02 Jul 2020 13:38

Tgt Ion: 73 Resp: 148716
 Ion Ratio Lower Upper
 73 100
 43 20.5 17.2 25.8

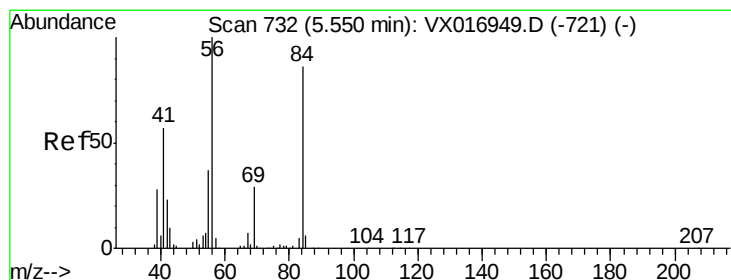
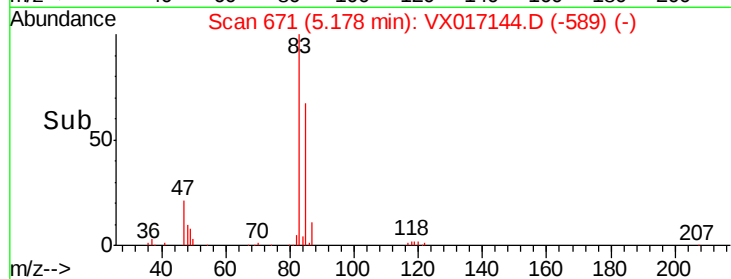
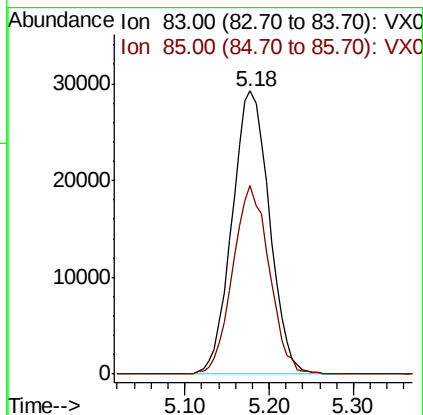
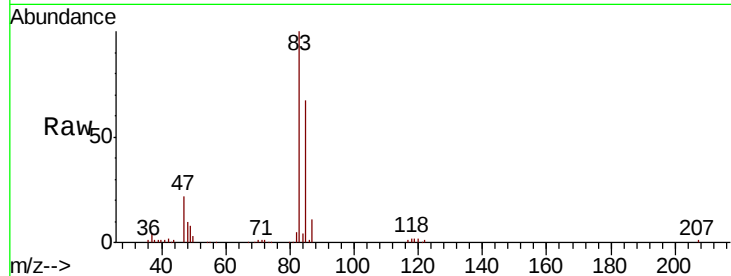




#25
Chloroform
Concen: 17.809 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX017144.D
Acq: 02 Jul 2020 13:38

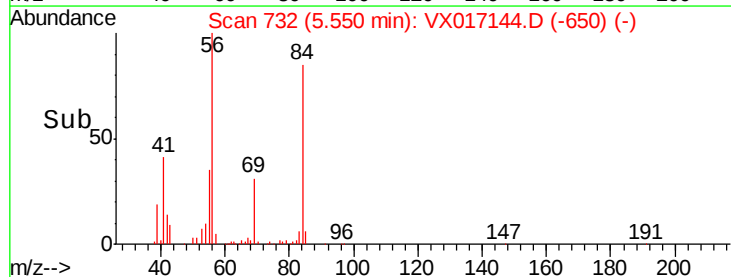
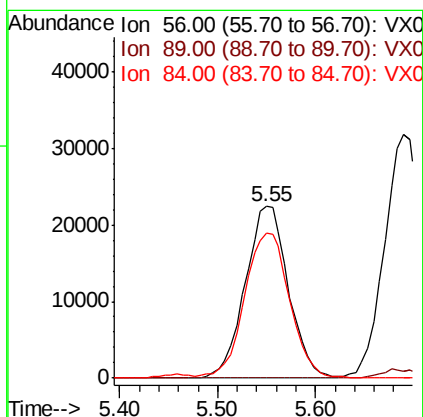
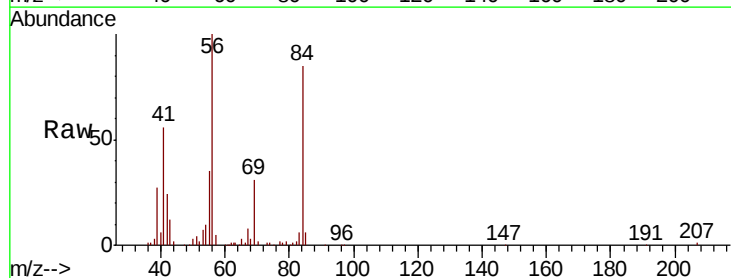
Instrument :
MSVOA_X
ClientSampleId :
VX0702WBSD01

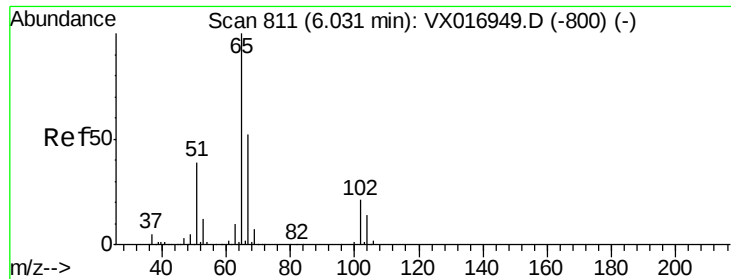
Tot Ion: 83 Resp: 87872
Ion Ratio Lower Upper
83 100
85 66.9 52.1 78.1



#26
Cyclohexane
Concen: 16.224 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX017144.D
Acq: 02 Jul 2020 13:38

Tgt Ion: 56 Resp: 68874
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 88.3 69.0 103.6





#27

1,2-Dichloroethane-d4

Concen: 28.014 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX017144.D

Acq: 02 Jul 2020 13:38

Instrument :

MSVOA_X

ClientSampleId :

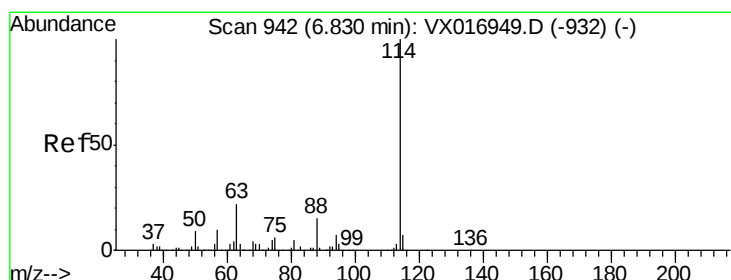
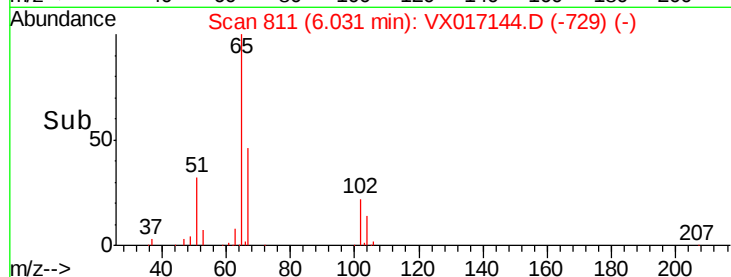
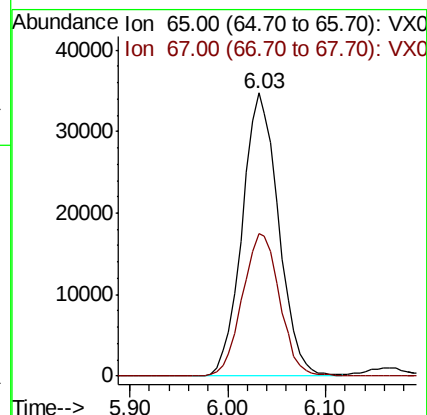
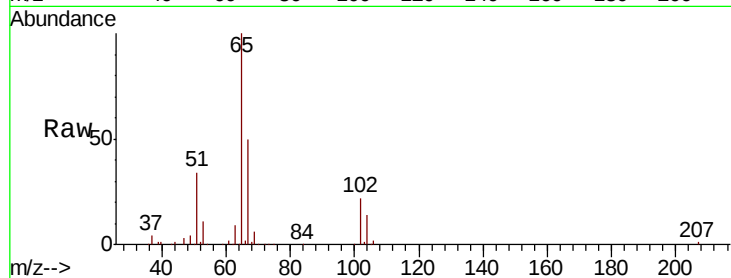
VX0702WBSD01

Tot Ion: 65 Resp: 89854

Ion Ratio Lower Upper

65 100

67 51.5 41.5 62.3



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX017144.D

Acq: 02 Jul 2020 13:38

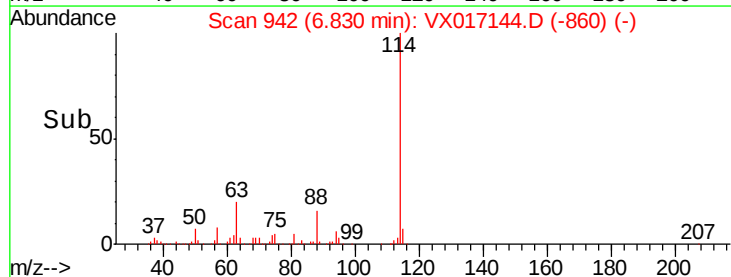
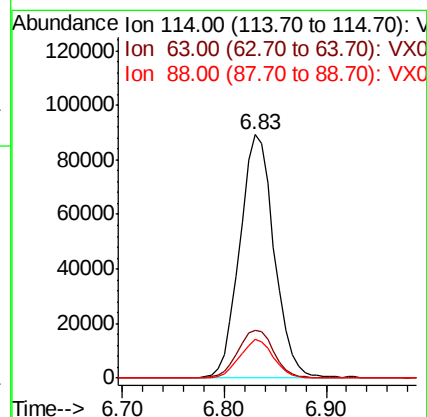
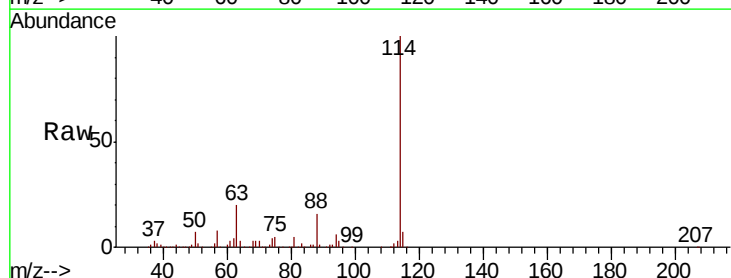
Tgt Ion: 114 Resp: 209043

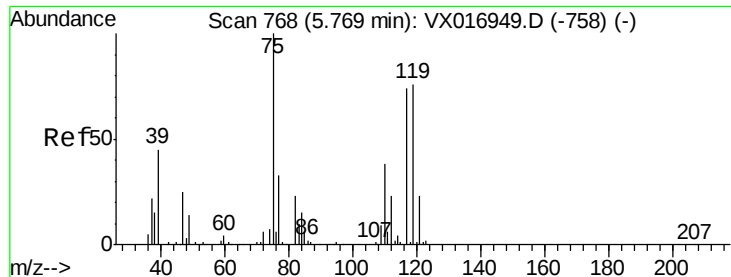
Ion Ratio Lower Upper

114 100

63 20.5 17.4 26.2

88 15.8 13.0 19.6





#29

1,1-Dichloropropene

Concen: 18.470 ug/l

RT: 5.77 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX017144.D

Acq: 02 Jul 2020 13:38

Instrument :

MSVOA_X

ClientSampleId :

VX0702WBSD01

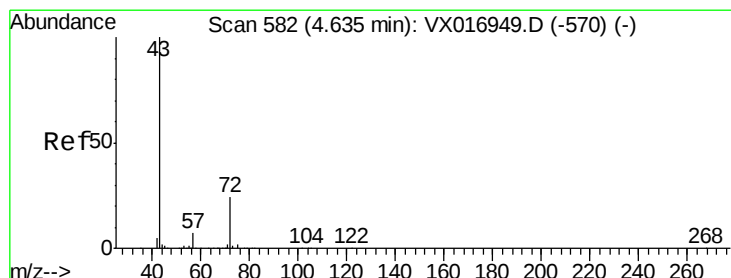
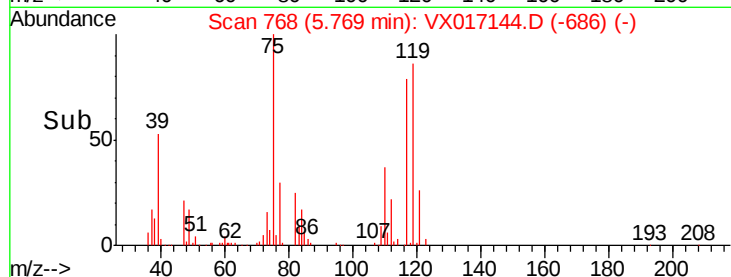
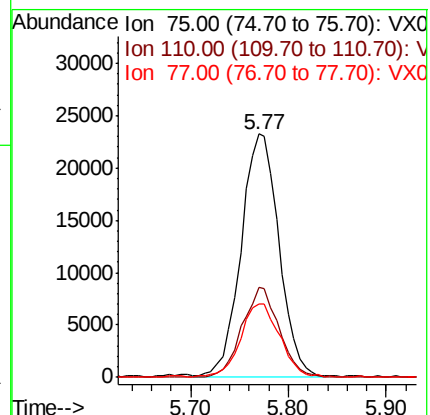
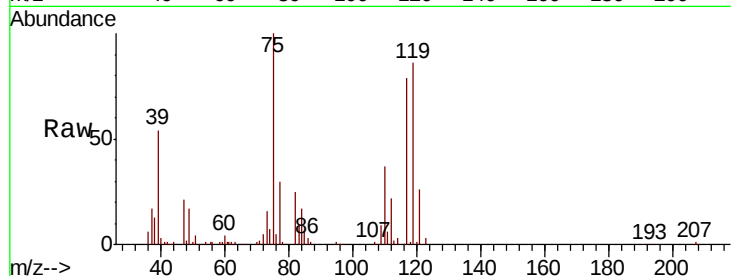
Tot Ion: 75 Resp: 62899

Ion Ratio Lower Upper

75 100

110 35.9 0.0 71.6

77 31.1 0.0 64.0



#30

2-Butanone

Concen: 94.573 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX017144.D

Acq: 02 Jul 2020 13:38

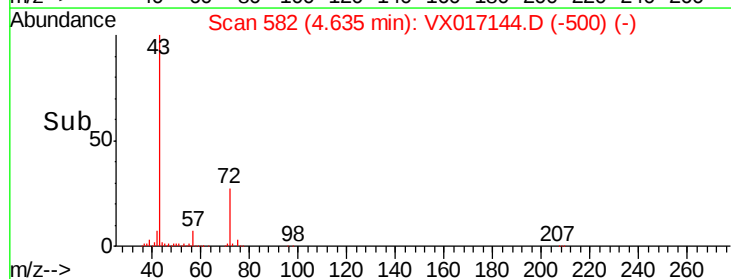
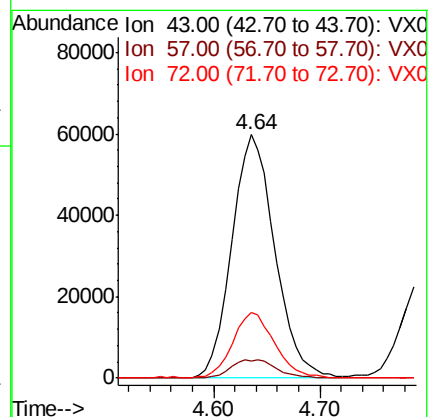
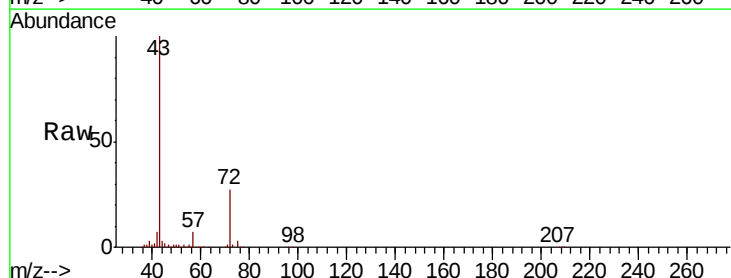
Tgt Ion: 43 Resp: 167870

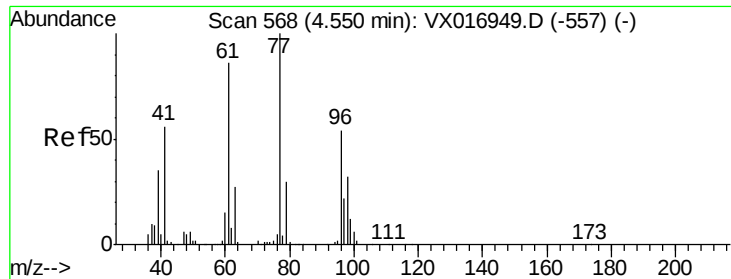
Ion Ratio Lower Upper

43 100

57 4.1 6.2 9.4#

72 26.6 20.6 31.0





#31

2,2-Dichloropropane

Concen: 18.704 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX017144.D

Acq: 02 Jul 2020 13:38

Instrument :

MSVOA_X

ClientSampleId :

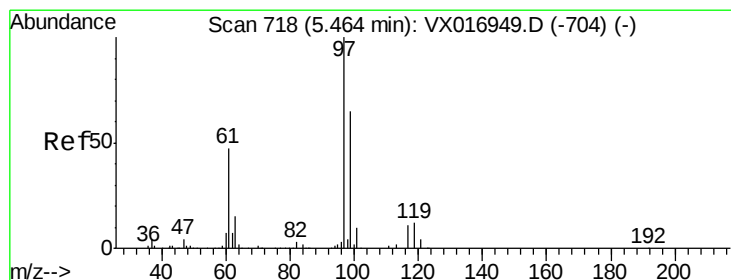
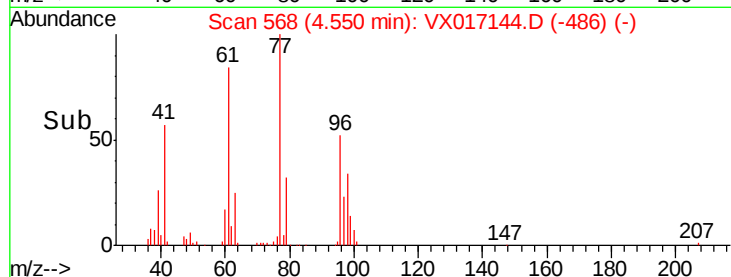
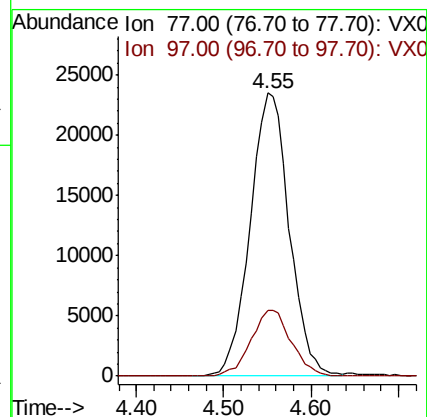
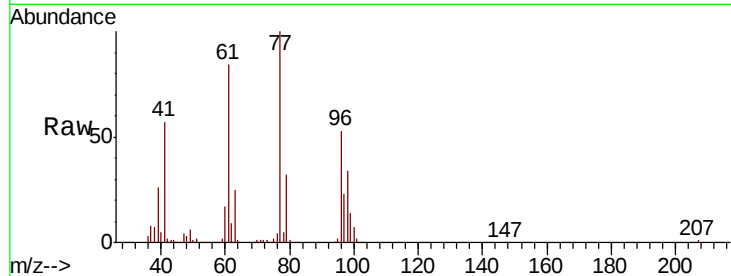
VX0702WBSD01

Tot Ion: 77 Resp: 73049

Ion Ratio Lower Upper

77 100

97 23.8 18.5 27.7



#32

1,1,1-Trichloroethane

Concen: 19.550 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX017144.D

Acq: 02 Jul 2020 13:38

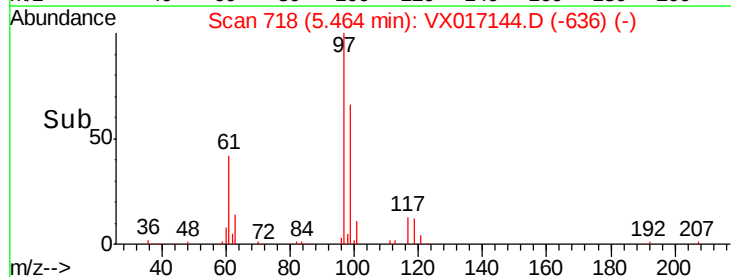
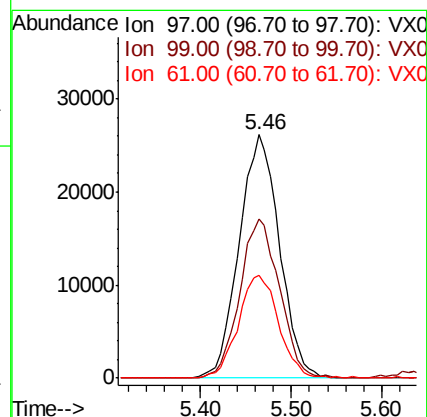
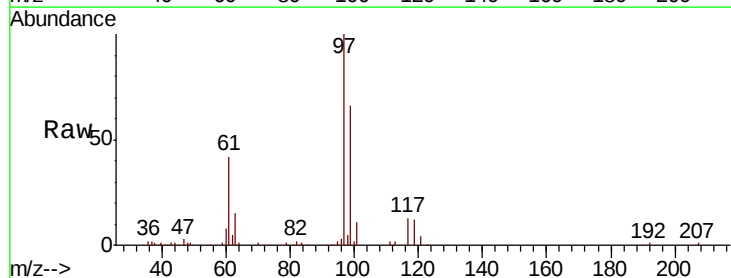
Tgt Ion: 97 Resp: 80558

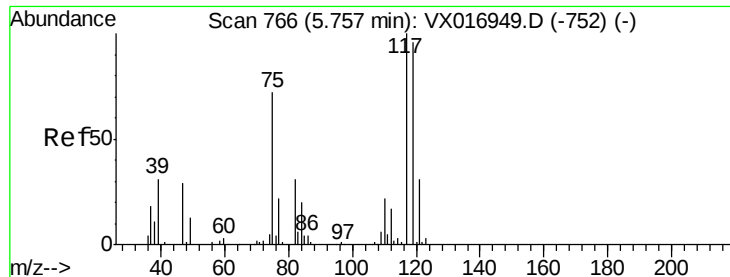
Ion Ratio Lower Upper

97 100

99 64.0 52.2 78.2

61 42.2 36.9 55.3

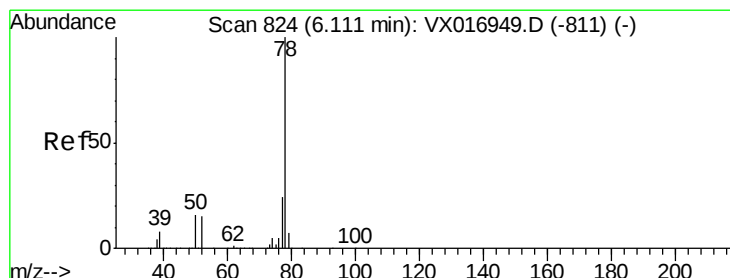
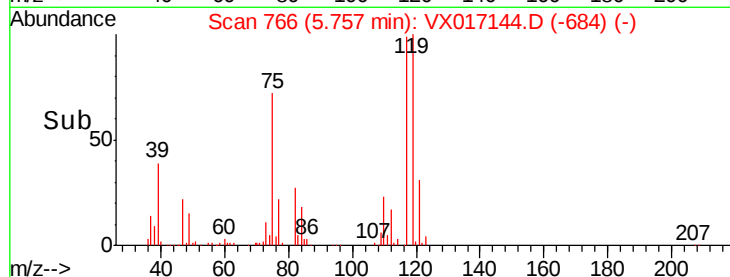
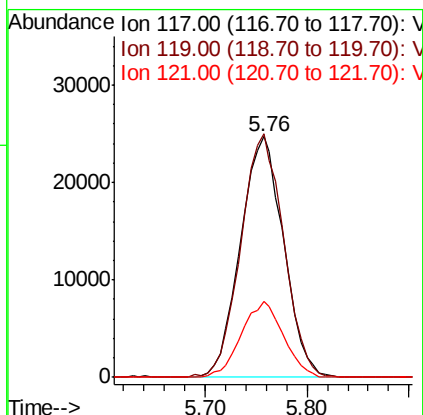
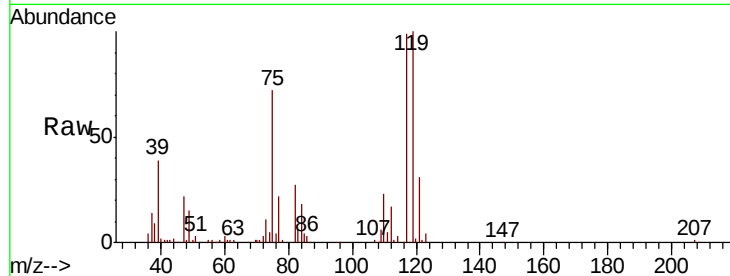




#33
Carbon Tetrachloride
Concen: 19.869 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX017144.D
Acq: 02 Jul 2020 13:38

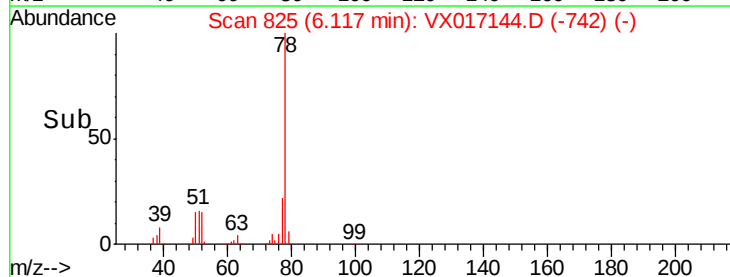
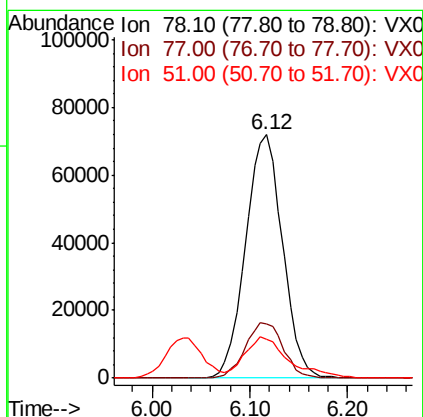
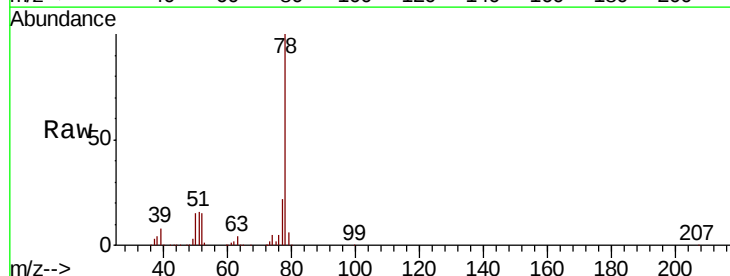
Instrument :
MSVOA_X
ClientSampleId :
VX0702WBSD01

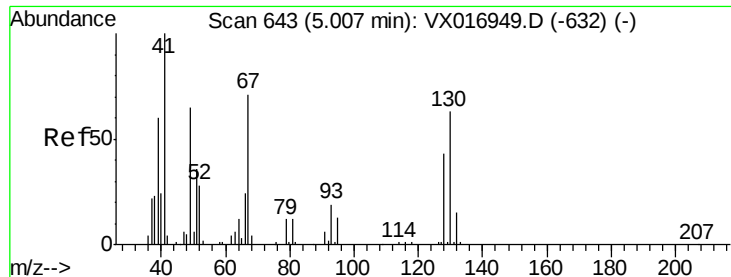
Tot Ion:117 Resp: 72606
Ion Ratio Lower Upper
117 100
119 101.0 77.0 115.4
121 31.7 25.0 37.4



#34
Benzene
Concen: 19.003 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX017144.D
Acq: 02 Jul 2020 13:38

Tgt Ion: 78 Resp: 188431
Ion Ratio Lower Upper
78 100
77 22.4 19.0 28.6
51 14.7 12.8 19.2

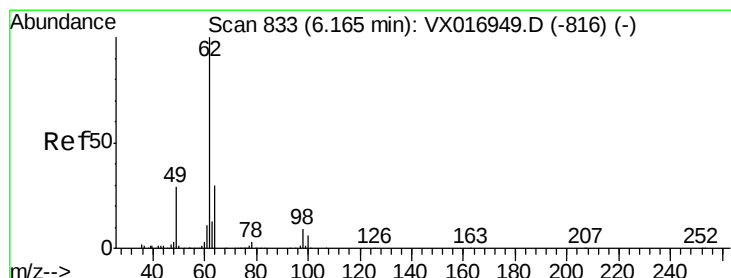
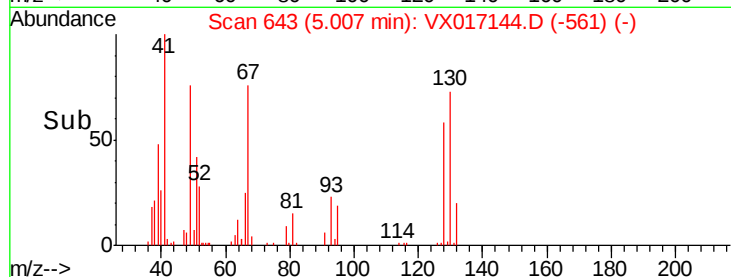
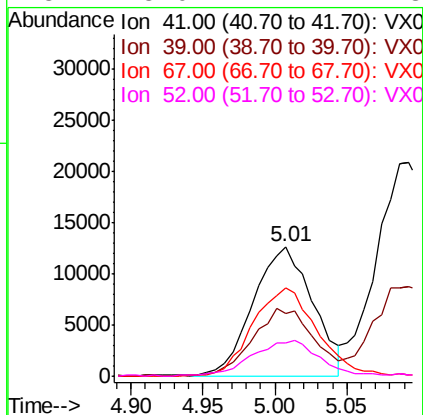
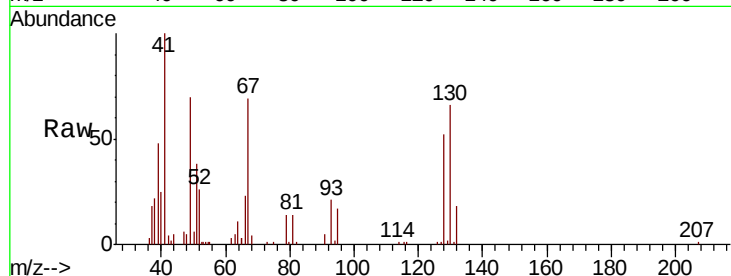




#35
Methacrylonitrile
Concen: 18.594 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.00 min
Lab File: VX017144.D
Acq: 02 Jul 2020 13:38

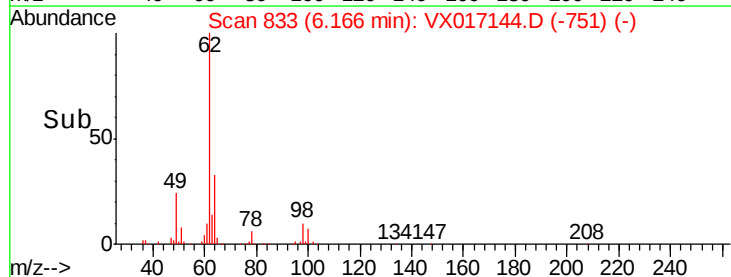
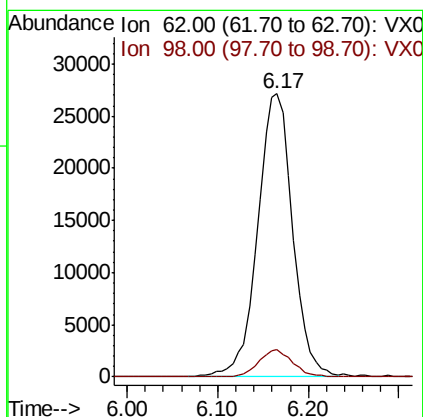
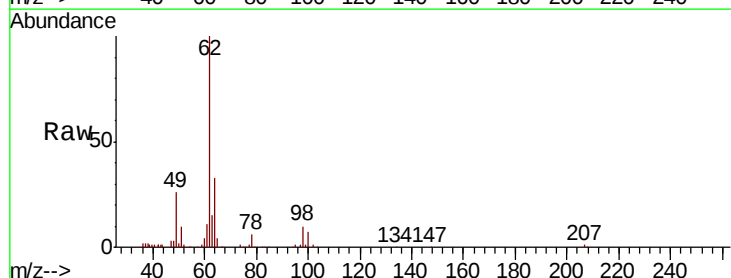
Instrument :
MSVOA_X
ClientSampleId :
VX0702WBSD01

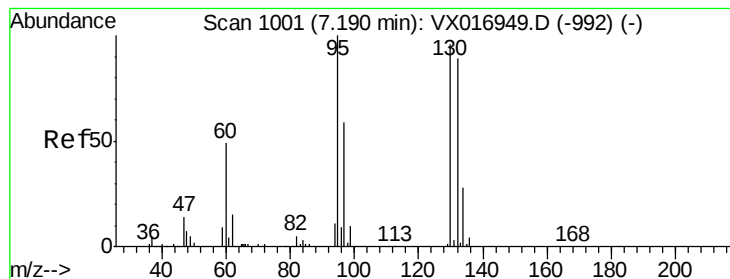
Tot Ion:	41	Resp:	36425
Ion	Ratio	Lower	Upper
41	100		
39	48.4	29.8	89.5
67	68.6	35.3	105.9
52	25.0	14.1	42.3



#36
1,2-Dichloroethane
Concen: 19.104 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX017144.D
Acq: 02 Jul 2020 13:38

Tgt Ion:	62	Resp:	72549
Ion	Ratio	Lower	Upper
62	100		
98	9.3	7.6	11.4





#37

Trichloroethene

Concen: 20.631 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX017144.D

Acq: 02 Jul 2020 13:38

Instrument :

MSVOA_X

ClientSampleId :

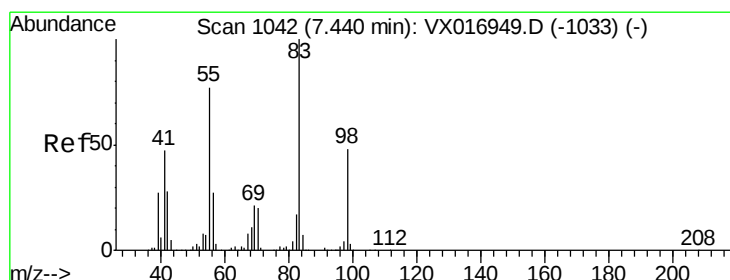
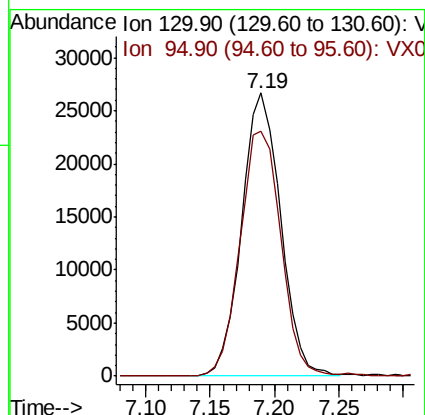
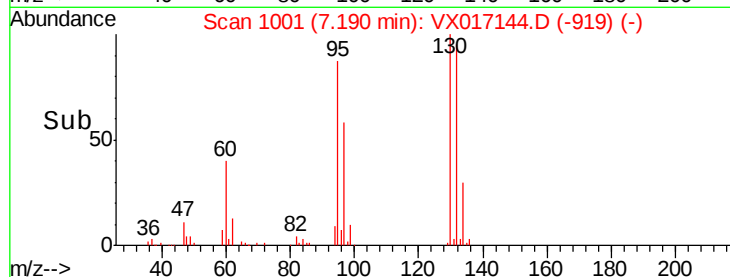
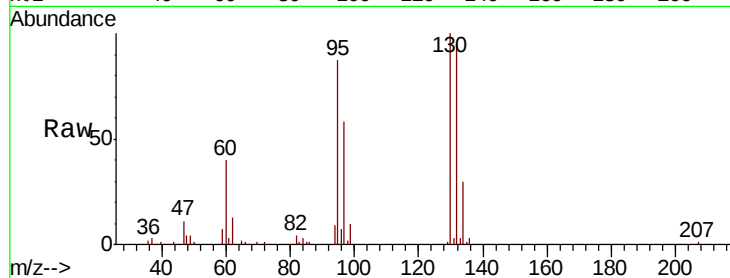
VX0702WBSD01

Tot Ion:130 Resp: 55821

Ion Ratio Lower Upper

130 100

95 86.7 83.1 124.7



#38

Methylcyclohexane

Concen: 17.147 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. 0.00 min

Lab File: VX017144.D

Acq: 02 Jul 2020 13:38

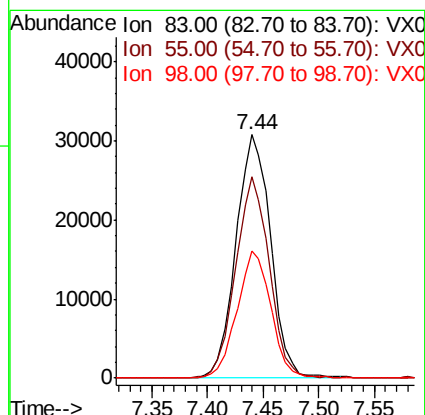
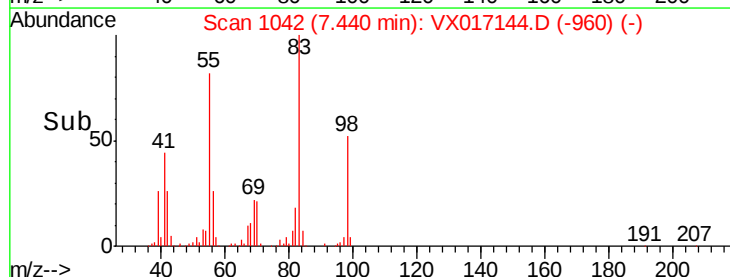
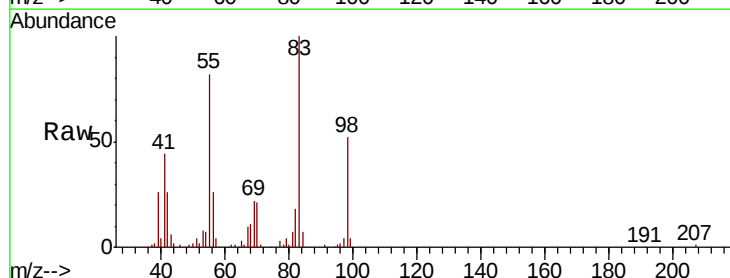
Tgt Ion: 83 Resp: 66497

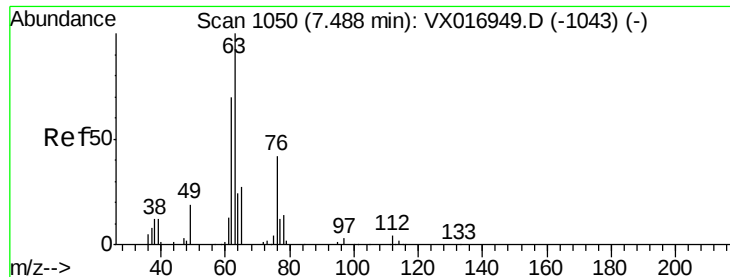
Ion Ratio Lower Upper

83 100

55 80.1 38.1 114.5

98 50.9 24.6 73.6





#39

1,2-Dichloropropane

Concen: 18.687 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VX017144.D

Acq: 02 Jul 2020 13:38

Instrument :

MSVOA_X

ClientSampleId :

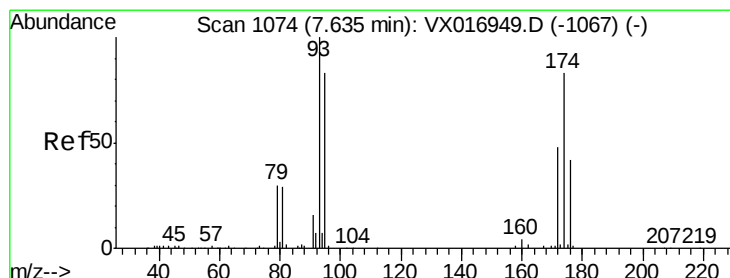
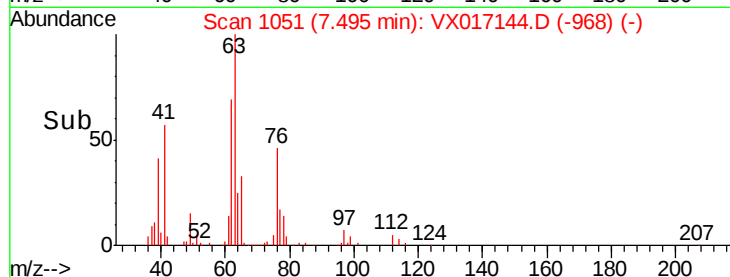
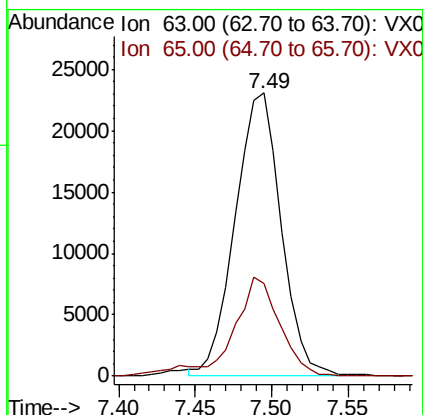
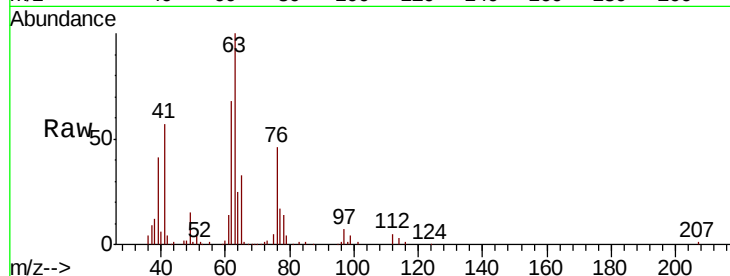
VX0702WBSD01

Tot Ion: 63 Resp: 48274

Ion Ratio Lower Upper

63 100

65 32.5 22.8 34.2



#40

Dibromomethane

Concen: 19.555 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.01 min

Lab File: VX017144.D

Acq: 02 Jul 2020 13:38

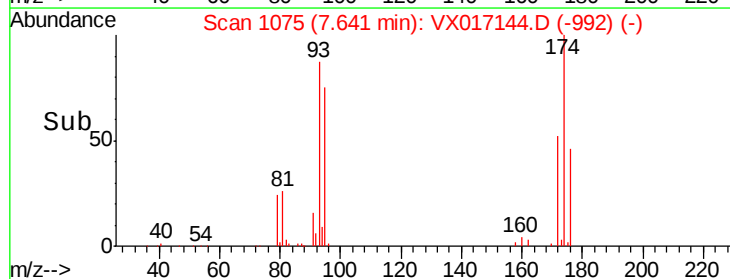
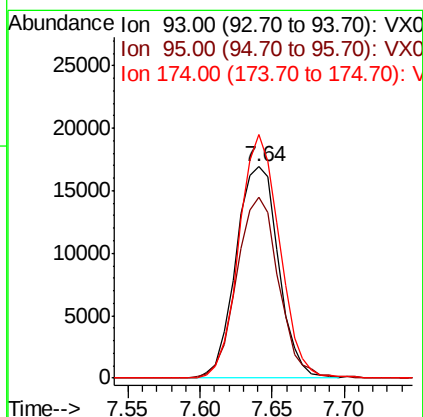
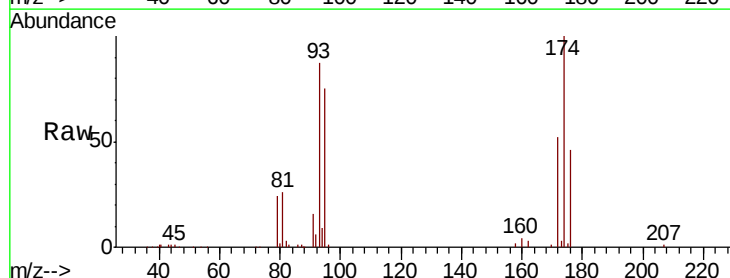
Tgt Ion: 93 Resp: 34816

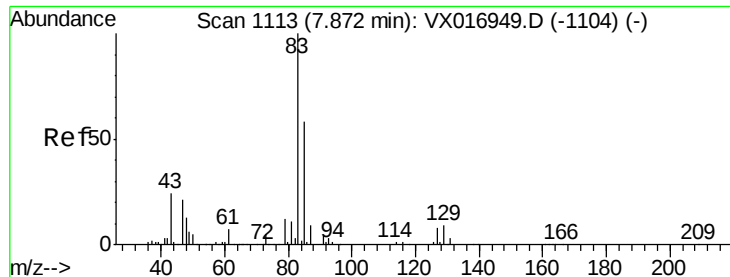
Ion Ratio Lower Upper

93 100

95 83.7 0.0 165.4

174 108.9 0.0 192.0





#41

Bromodichloromethane

Concen: 18.953 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VX017144.D

Acq: 02 Jul 2020 13:38

Instrument :

MSVOA_X

ClientSampleId :

VX0702WBSD01

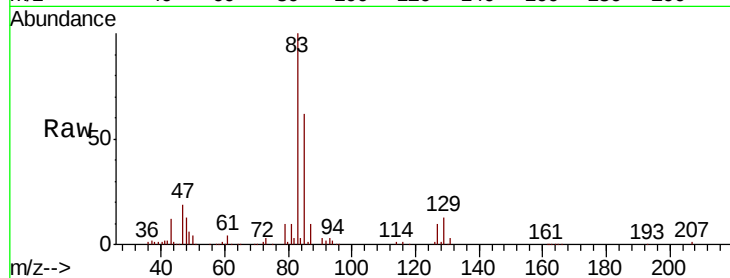
Tot Ion: 83 Resp: 69876

Ion Ratio Lower Upper

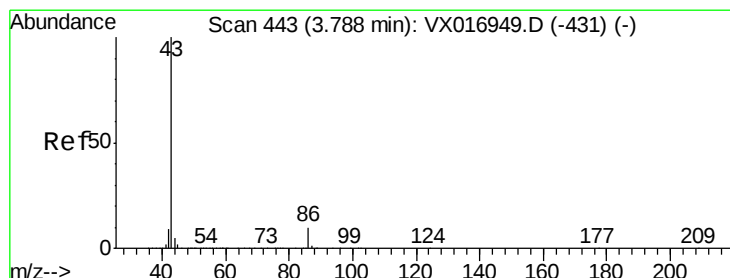
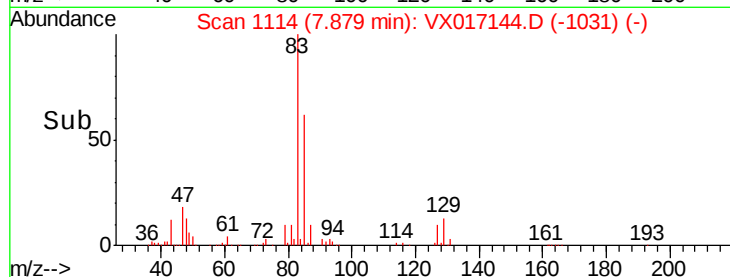
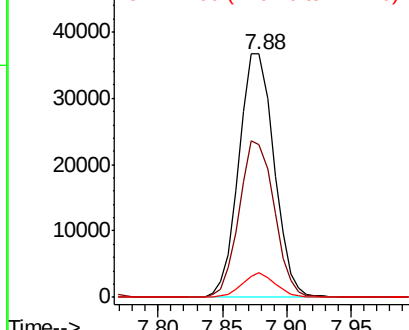
83 100

85 62.5 46.7 70.1

127 10.2 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: 92.022 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX017144.D

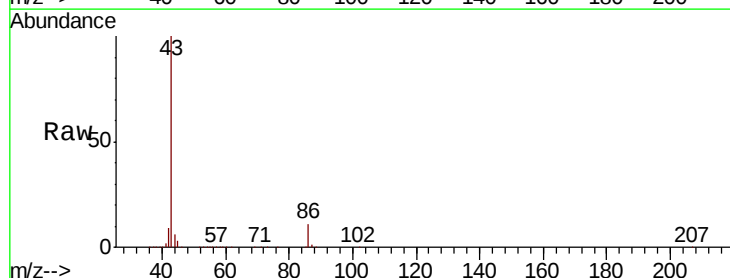
Acq: 02 Jul 2020 13:38

Tgt Ion: 43 Resp: 658238

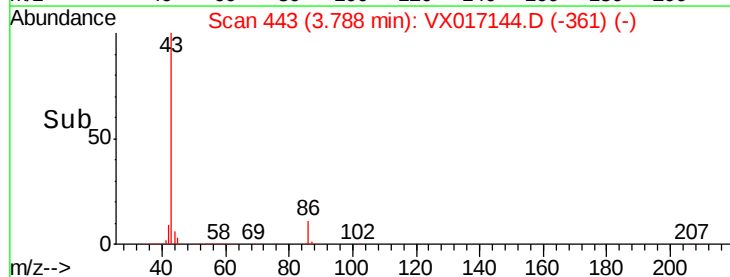
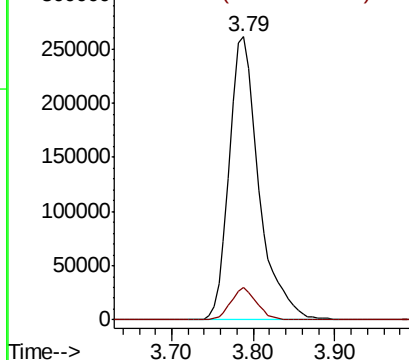
Ion Ratio Lower Upper

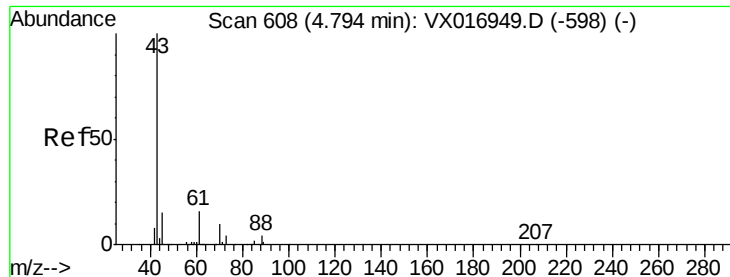
43 100

86 9.8 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0

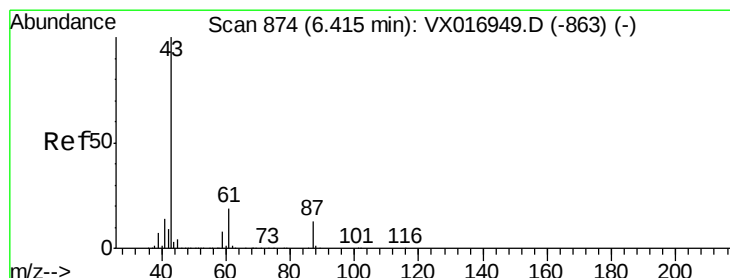
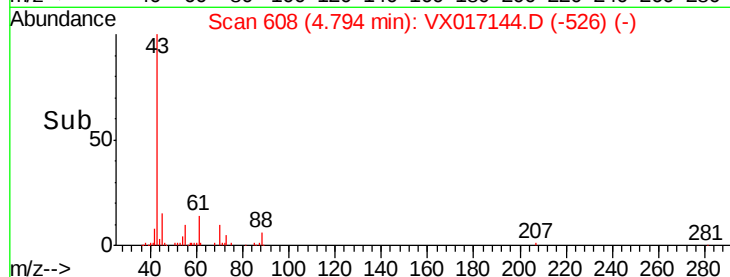
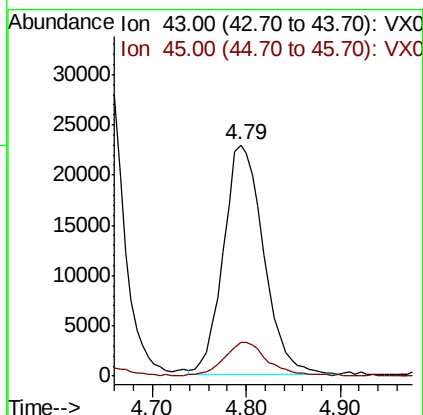
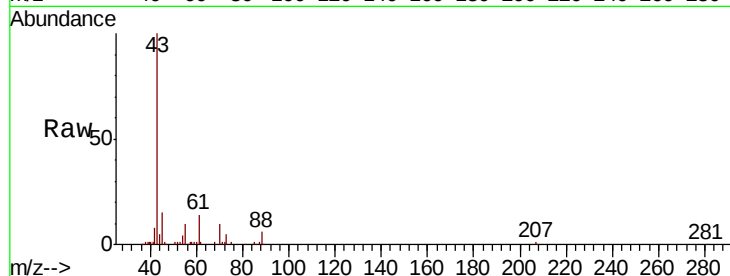




#43
Ethyl Acetate
Concen: 18.477 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX017144.D
Acq: 02 Jul 2020 13:38

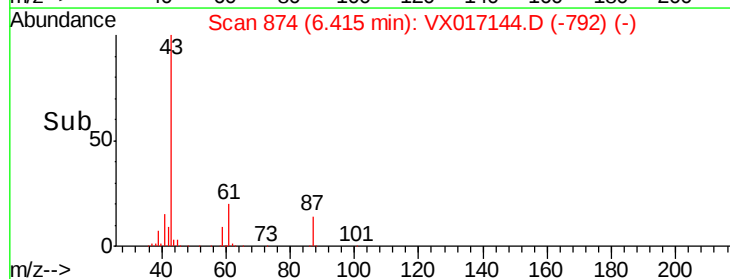
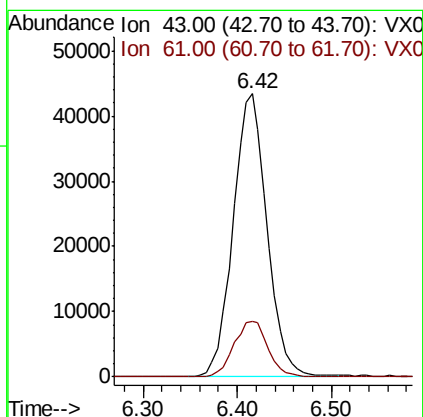
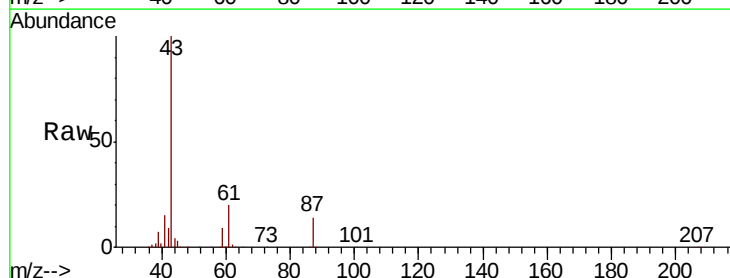
Instrument :
MSVOA_X
ClientSampleId :
VX0702WBSD01

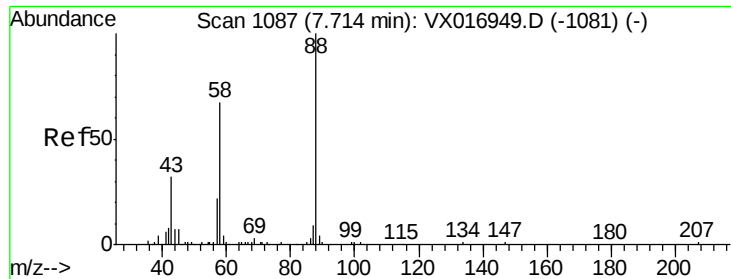
Tot Ion: 43 Resp: 67936
Ion Ratio Lower Upper
43 100
45 15.8 11.8 17.6



#44
Isopropyl Acetate
Concen: 17.860 ug/l
RT: 6.42 min Scan# 874
Delta R.T. 0.00 min
Lab File: VX017144.D
Acq: 02 Jul 2020 13:38

Tgt Ion: 43 Resp: 108237
Ion Ratio Lower Upper
43 100
61 19.8 15.4 23.2

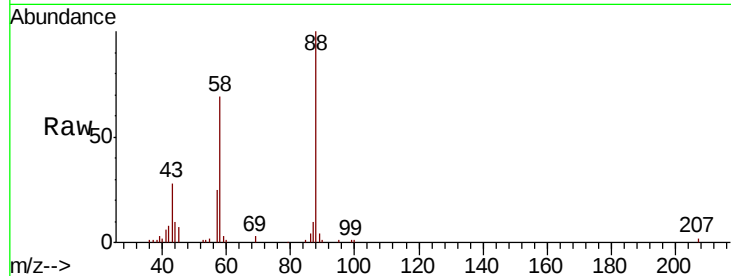




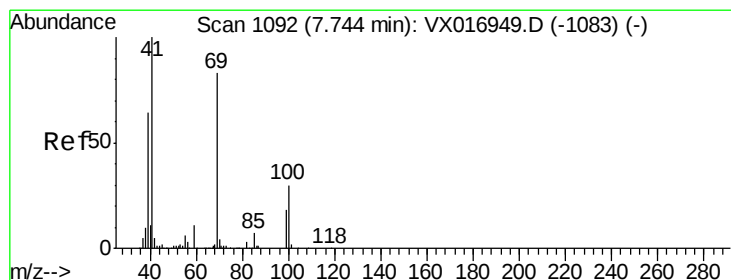
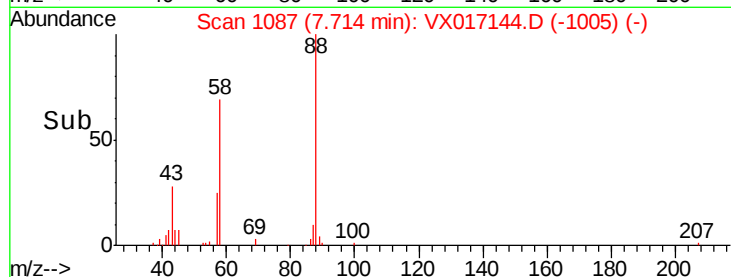
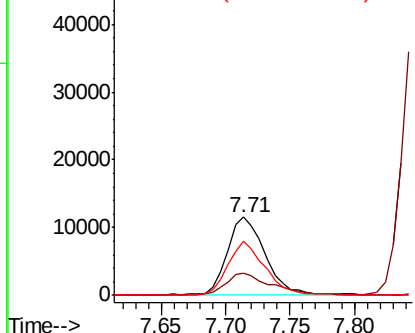
#45
 1,4-Dioxane
 Concen: 387.828 ug/l
 RT: 7.71 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX017144.D
 Acq: 02 Jul 2020 13:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0702WBSD01

Tot Ion: 88 Resp: 23712
 Ion Ratio Lower Upper
 88 100
 43 34.4 28.9 43.3
 58 67.0 56.7 85.1

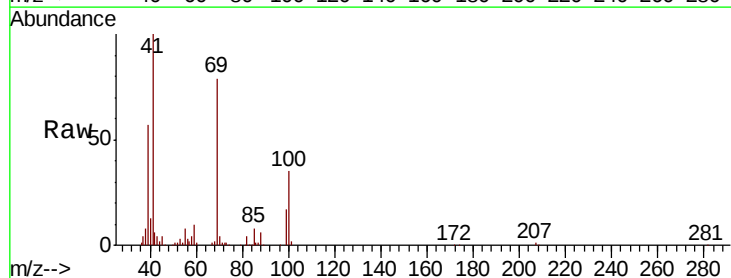


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

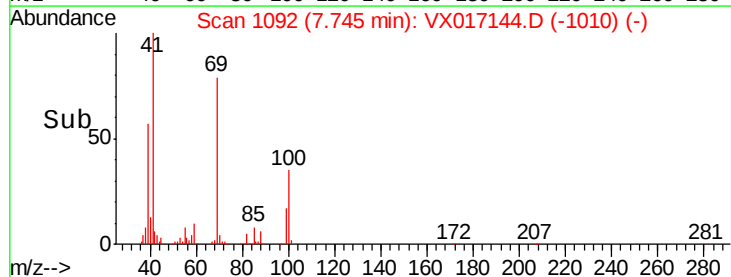
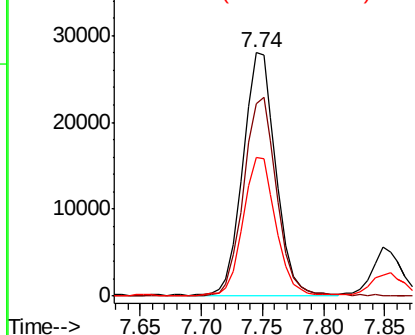


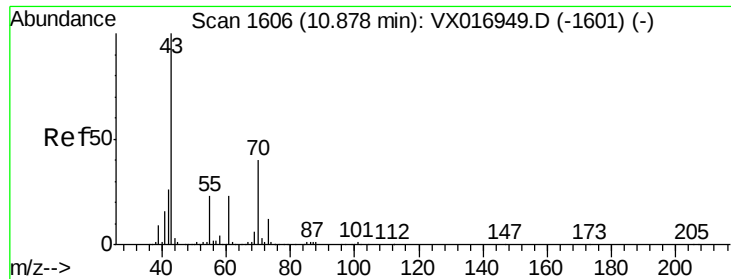
#46
 Methyl methacrylate
 Concen: 18.529 ug/l
 RT: 7.74 min Scan# 1092
 Delta R.T. 0.00 min
 Lab File: VX017144.D
 Acq: 02 Jul 2020 13:38

Tgt Ion: 41 Resp: 51968
 Ion Ratio Lower Upper
 41 100
 69 79.1 41.3 123.9
 39 56.8 32.0 96.2



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

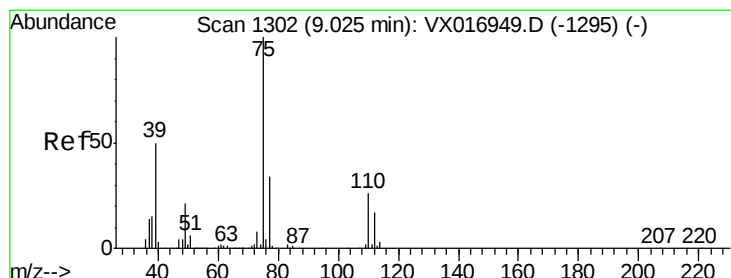
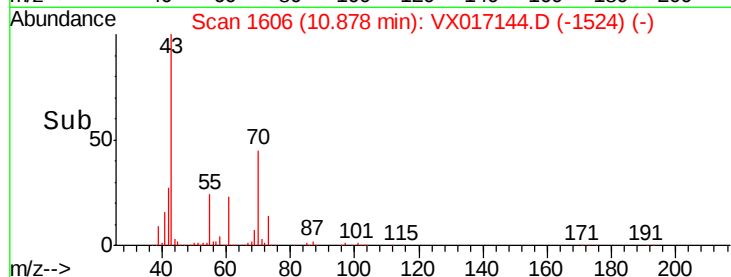
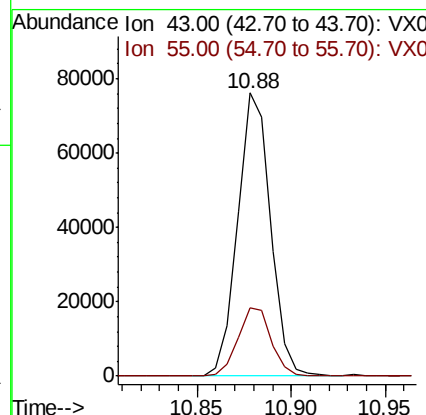
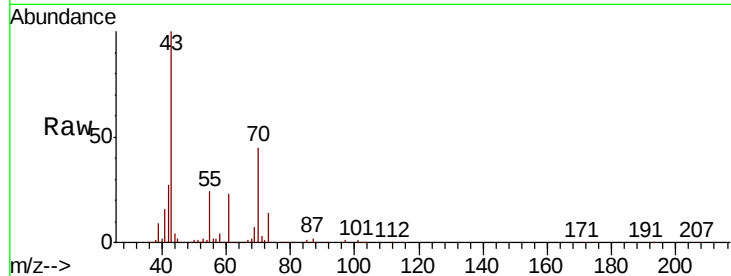




#47
 n-amvl Acetate
 Concen: 17.180 ug/l
 RT: 10.88 min Scan# 1606
 Delta R.T. 0.00 min
 Lab File: VX017144.D
 Acq: 02 Jul 2020 13:38

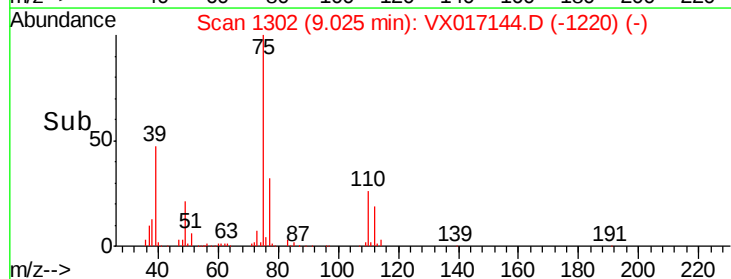
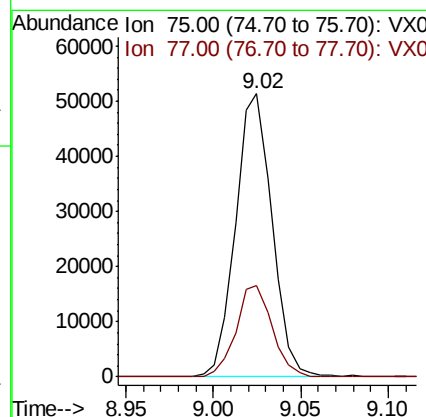
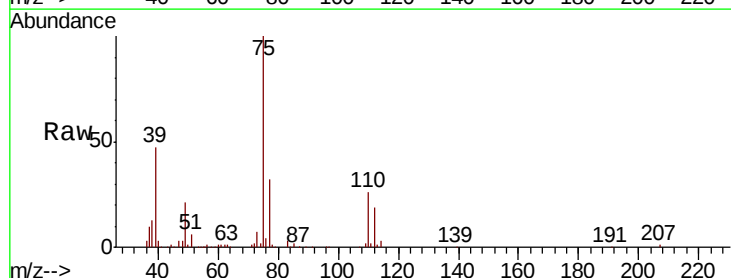
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0702WBSD01

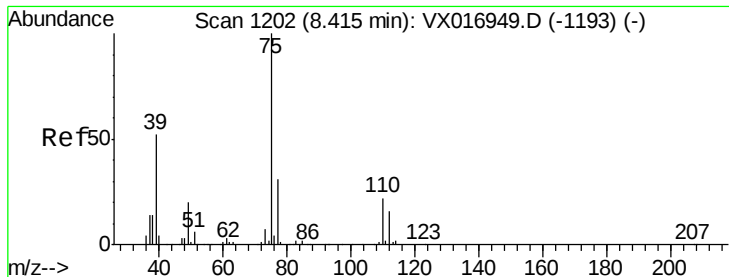
Tot Ion: 43 Resp: 92029
 Ion Ratio Lower Upper
 43 100
 55 24.7 18.6 27.8



#48
 t-1,3-Dichloropropene
 Concen: 18.307 ug/l
 RT: 9.02 min Scan# 1302
 Delta R.T. 0.00 min
 Lab File: VX017144.D
 Acq: 02 Jul 2020 13:38

Tgt Ion: 75 Resp: 74628
 Ion Ratio Lower Upper
 75 100
 77 32.2 27.0 40.4



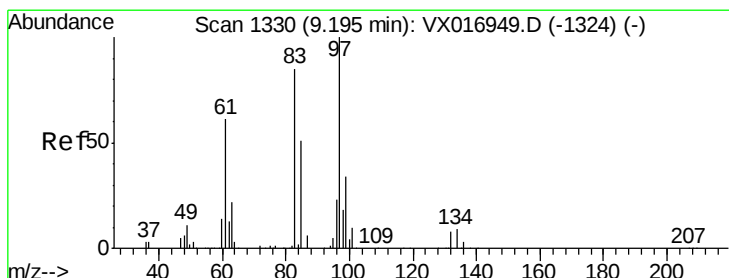
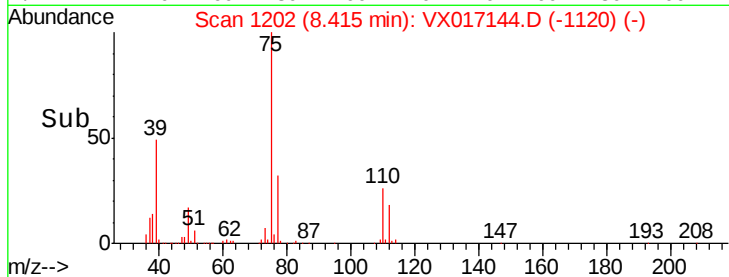
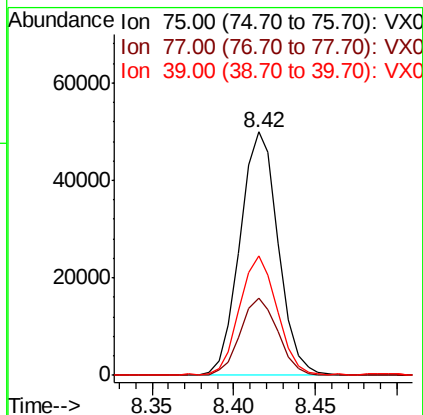
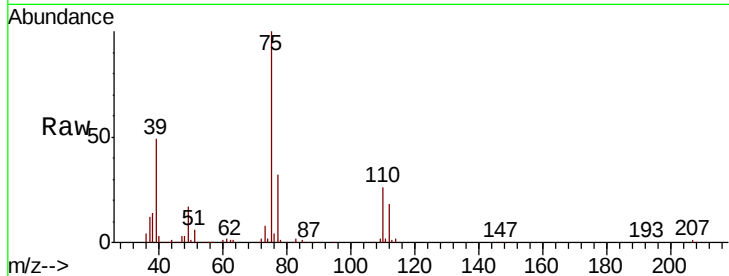


#49

cis-1,3-Dichloropropene
 Concen: 19.011 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX017144.D
 Acq: 02 Jul 2020 13:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0702WBSD01

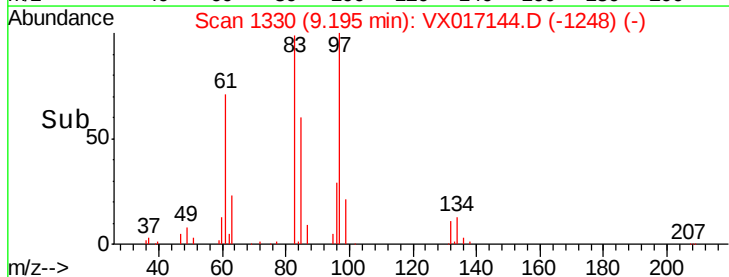
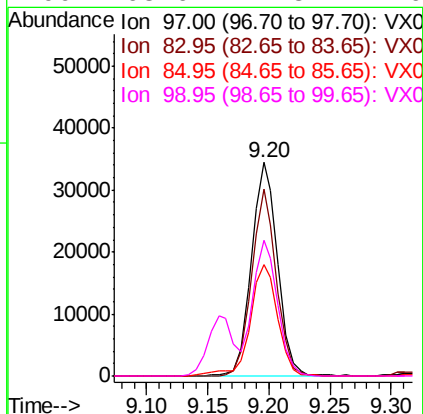
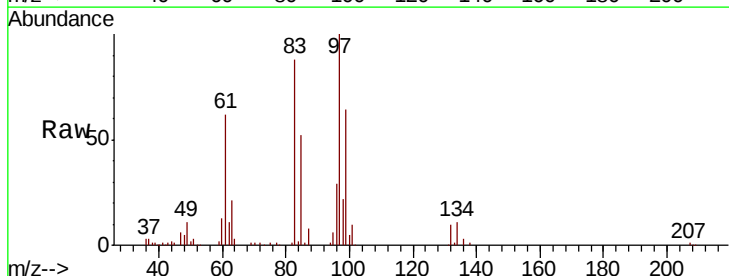
Tot Ion	Ratio	Lower	Upper
75	100		
77	31.9	24.8	37.2
39	48.6	41.8	62.6

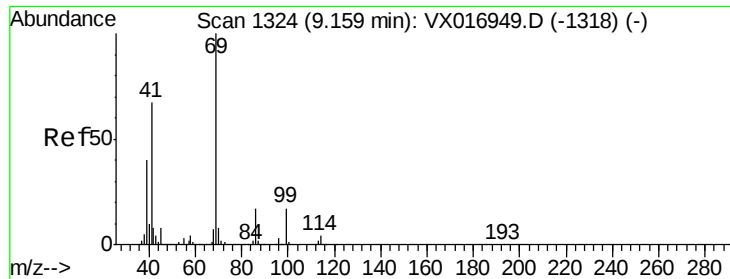


#50

1,1,2-Trichloroethane
 Concen: 20.649 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX017144.D
 Acq: 02 Jul 2020 13:38

Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.7	67.4	101.0
85	52.4	42.9	64.3
99	63.6	47.8	71.6





#51

Ethyl methacrylate

Concen: 17.907 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX017144.D

Acq: 02 Jul 2020 13:38

Instrument :

MSVOA_X

ClientSampled :

VX0702WBSD01

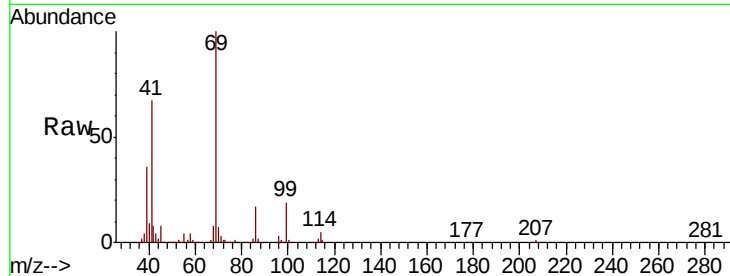
Tot Ion: 69 Resp: 68285

Ion Ratio Lower Upper

69 100

41 67.1 33.7 101.1

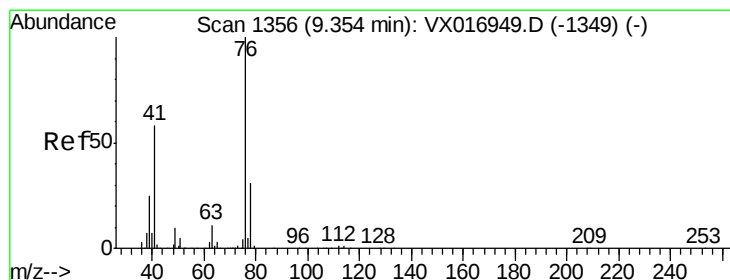
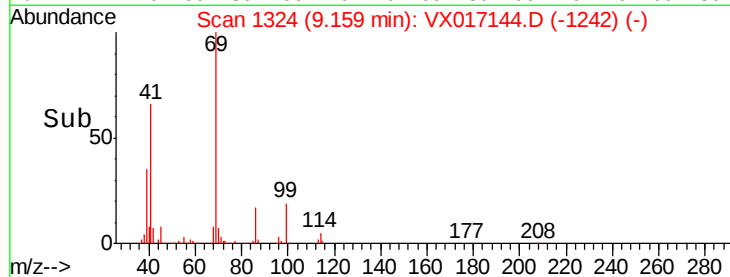
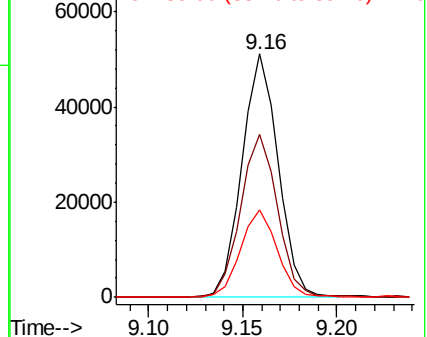
39 35.8 19.9 59.7



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: 19.252 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX017144.D

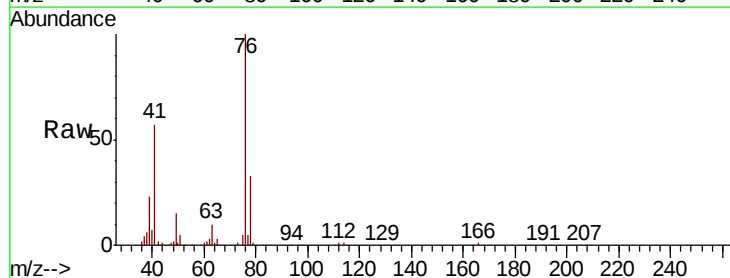
Acq: 02 Jul 2020 13:38

Tgt Ion: 76 Resp: 82130

Ion Ratio Lower Upper

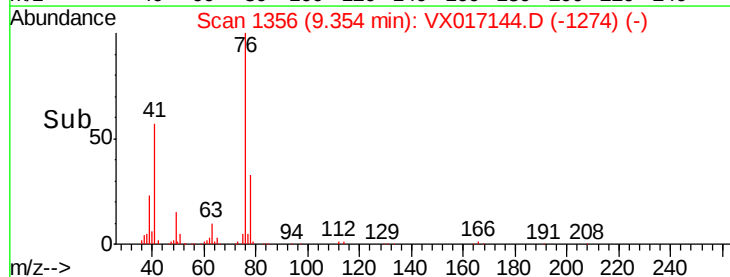
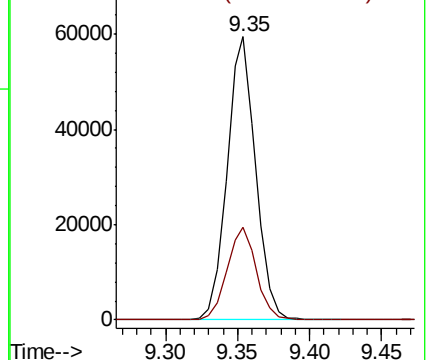
76 100

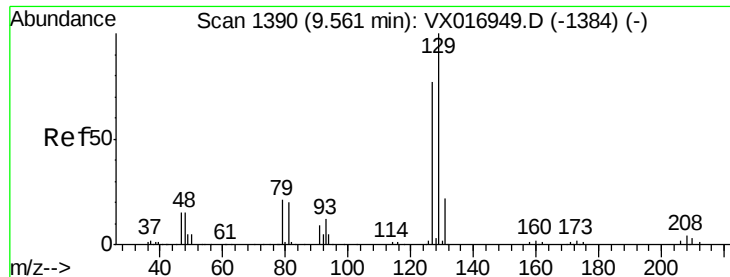
78 33.5 0.0 62.4



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 20.742 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.01 min

Lab File: VX017144.D

Acq: 02 Jul 2020 13:38

Instrument :

MSVOA_X

ClientSampleId :

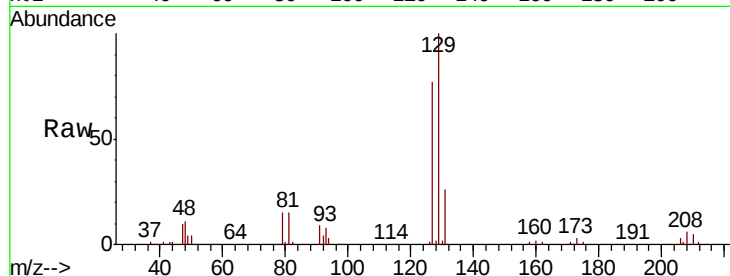
VX0702WBSD01

Tot Ion:129 Resp: 59239

Ion Ratio Lower Upper

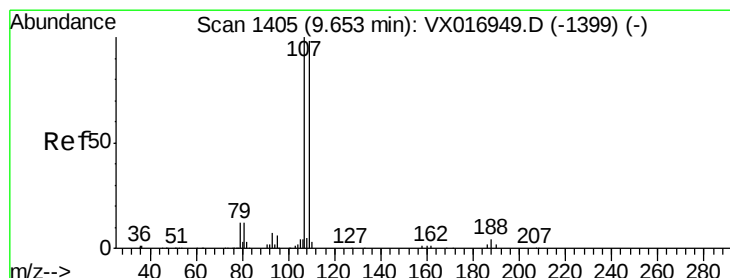
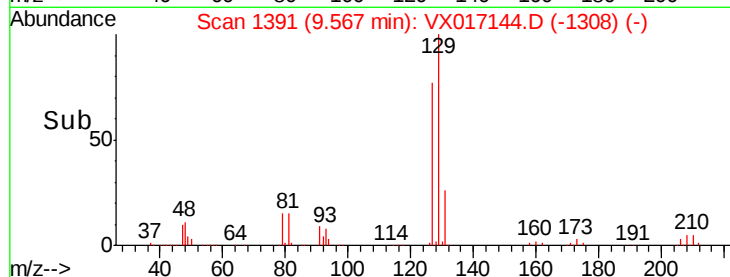
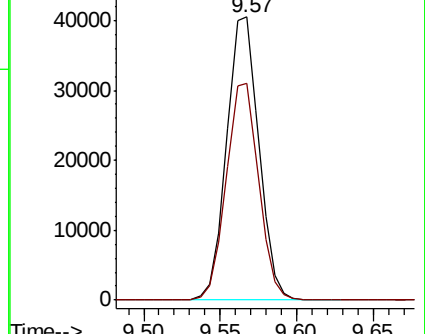
129 100

127 77.2 38.7 116.1



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 20.670 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX017144.D

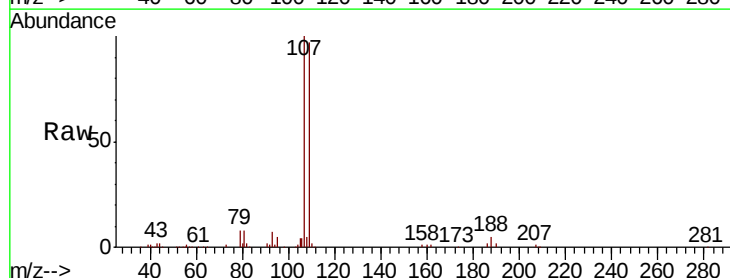
Acq: 02 Jul 2020 13:38

Tgt Ion:107 Resp: 54501

Ion Ratio Lower Upper

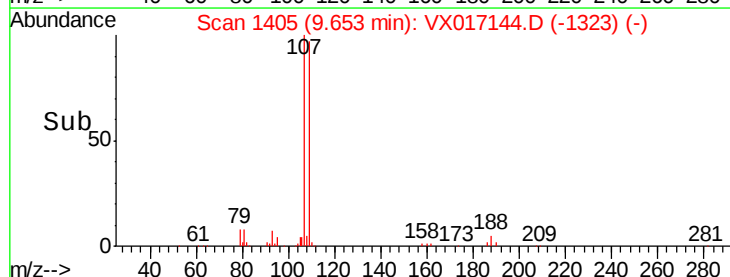
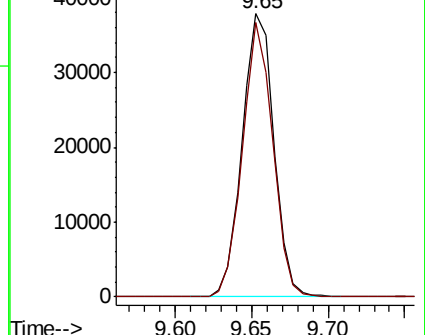
107 100

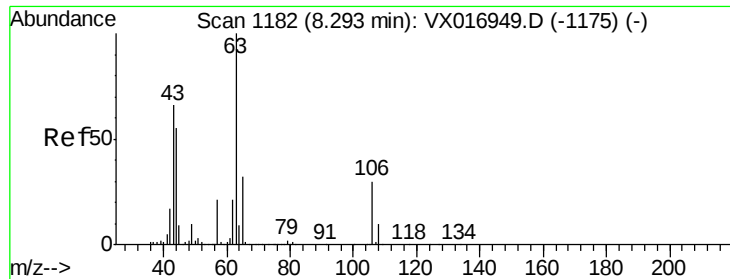
109 92.6 75.0 112.6



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

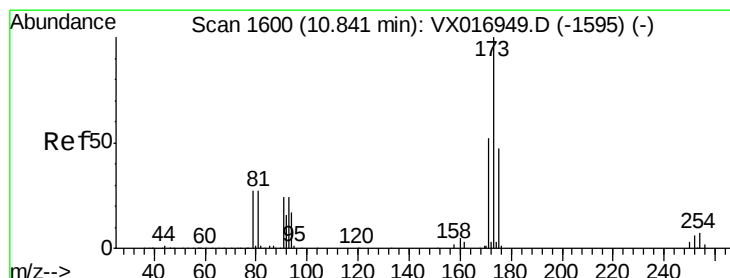
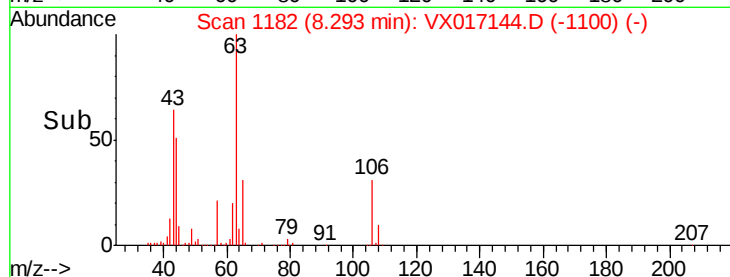
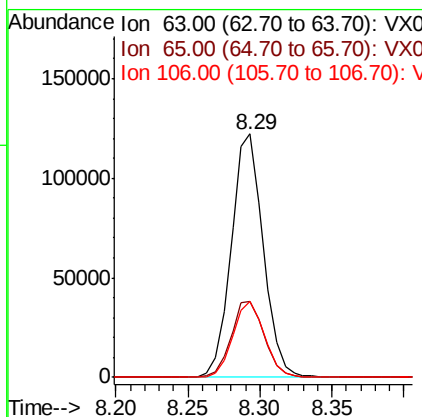
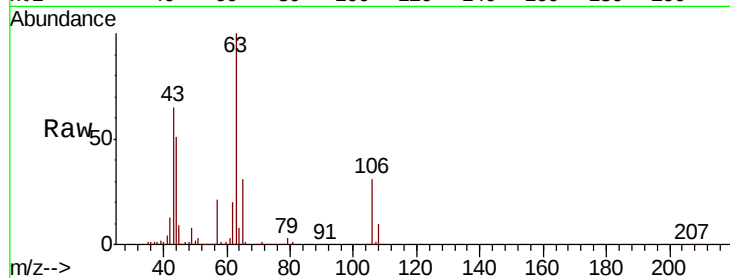




#55
 2-Chloroethyl vinyl ether
 Concen: 94.496 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VX017144.D
 Acq: 02 Jul 2020 13:38

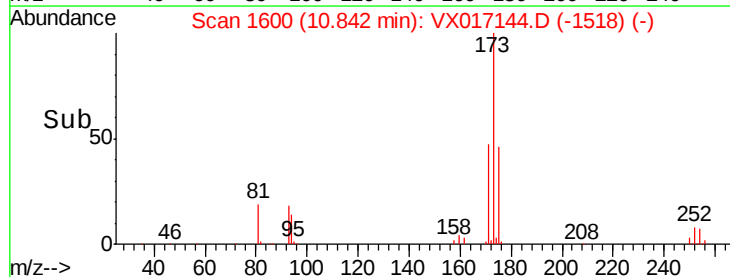
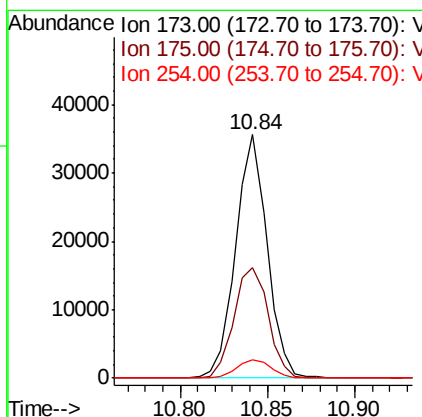
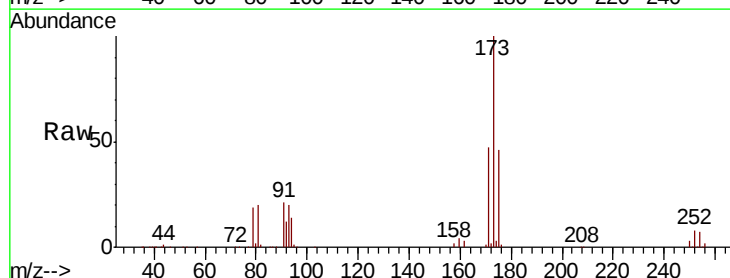
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0702WBSD01

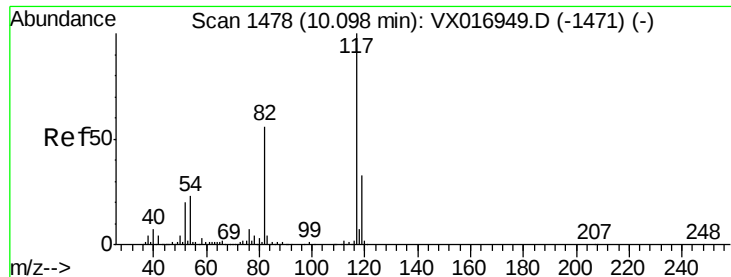
Tot Ion: 63 Resp: 189625
 Ion Ratio Lower Upper
 63 100
 65 32.2 25.9 38.9
 106 30.9 22.6 33.8



#56
 Bromoform
 Concen: 22.106 ug/l
 RT: 10.84 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: VX017144.D
 Acq: 02 Jul 2020 13:38

Tgt Ion: 173 Resp: 44816
 Ion Ratio Lower Upper
 173 100
 175 49.5 38.7 58.1
 254 8.3 5.8 8.6

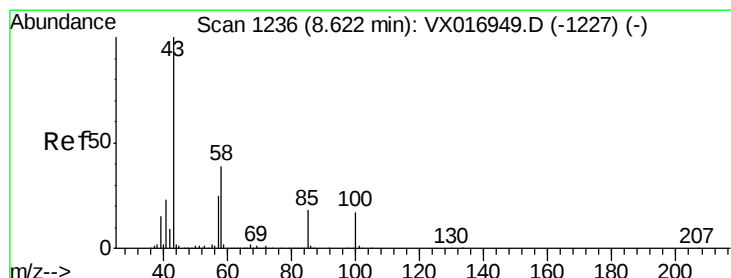
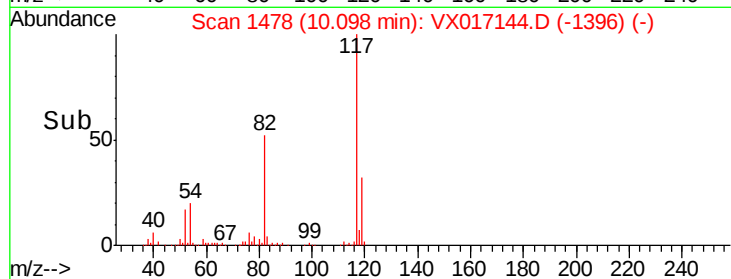
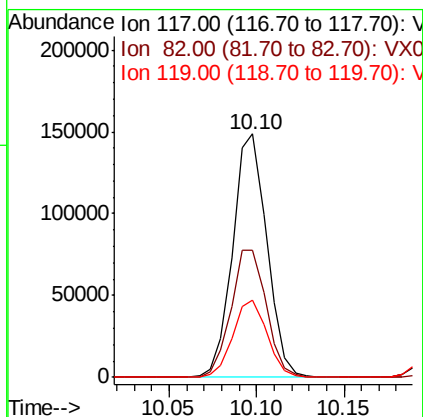
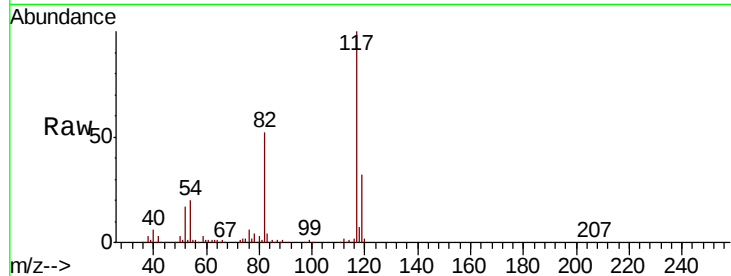




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017144.D
Acq: 02 Jul 2020 13:38

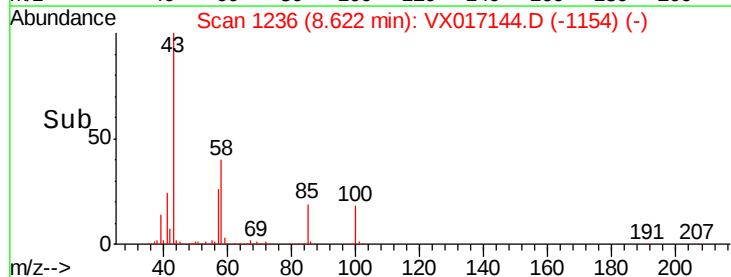
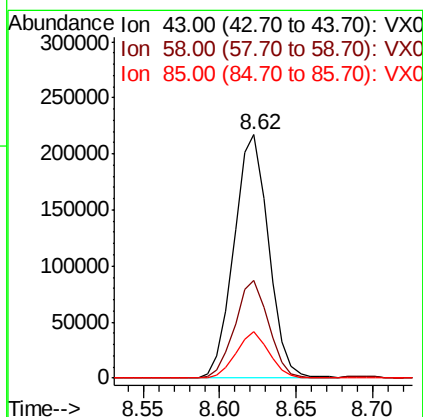
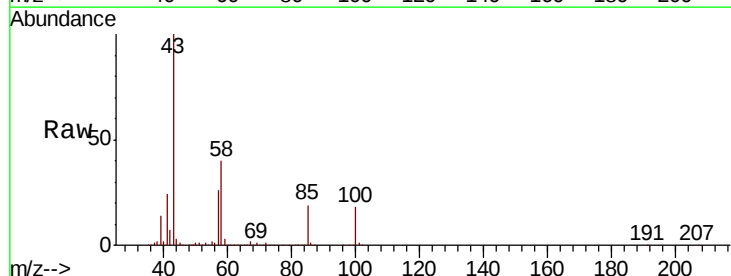
Instrument :
MSVOA_X
ClientSampleId :
VX0702WBSD01

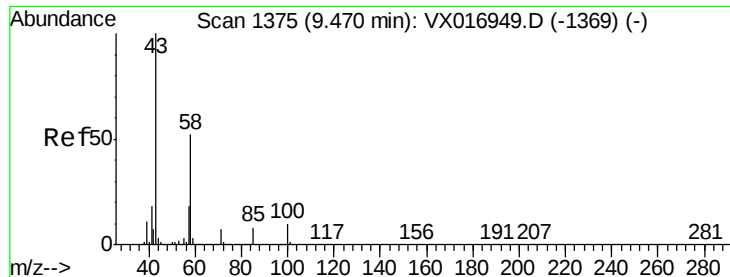
Tot Ion:117 Resp: 202900
Ion Ratio Lower Upper
117 100
82 54.0 44.9 67.3
119 31.9 25.8 38.8



#58
4-Methyl-2-Pentanone
Concen: 90.960 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX017144.D
Acq: 02 Jul 2020 13:38

Tgt Ion: 43 Resp: 339960
Ion Ratio Lower Upper
43 100
58 39.5 30.4 45.6
85 18.4 13.5 20.3

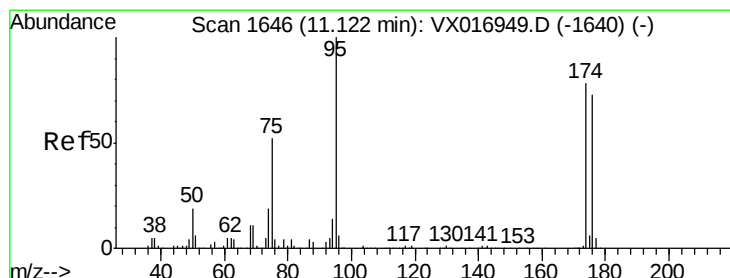
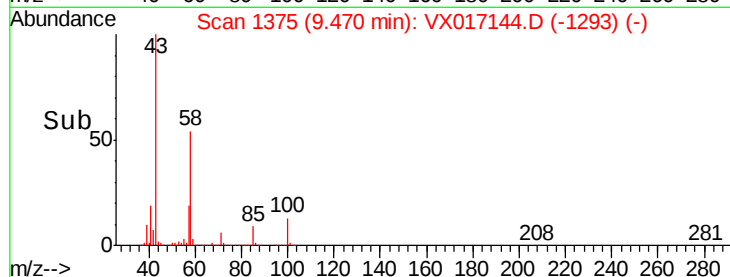
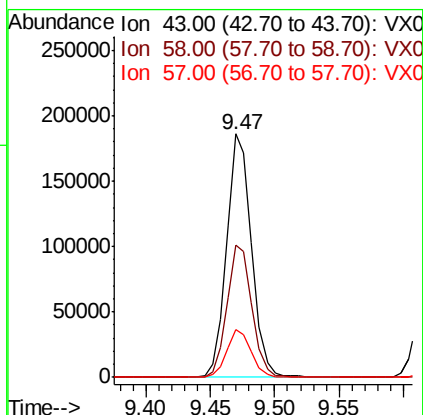
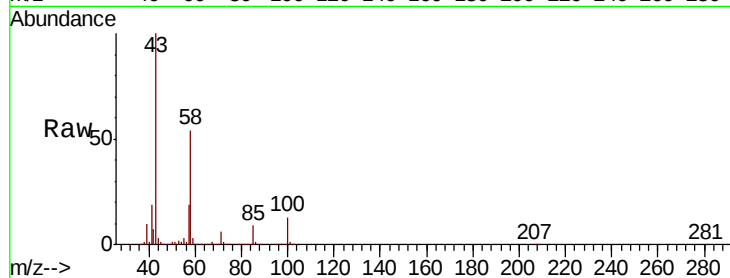




#59
2-Hexanone
Concen: 90.698 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX017144.D
Acq: 02 Jul 2020 13:38

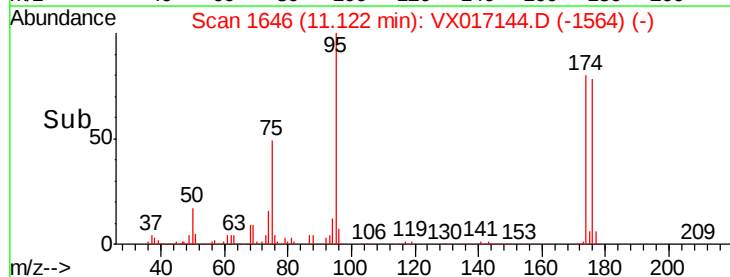
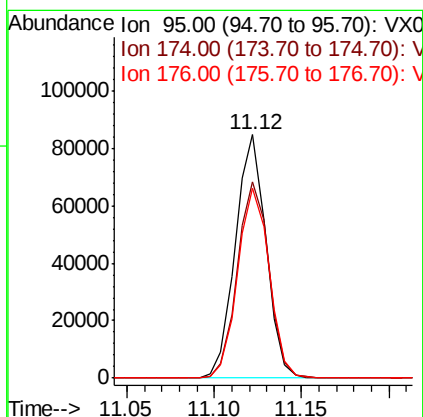
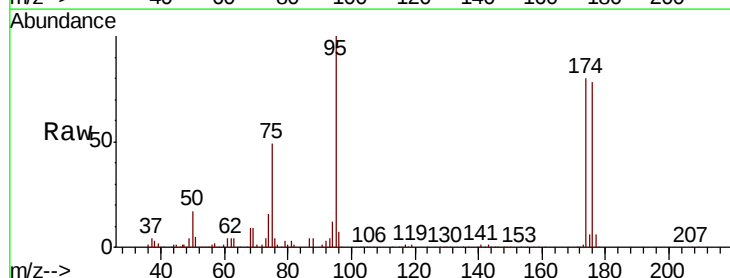
Instrument :
MSVOA_X
ClientSampleId :
VX0702WBSD01

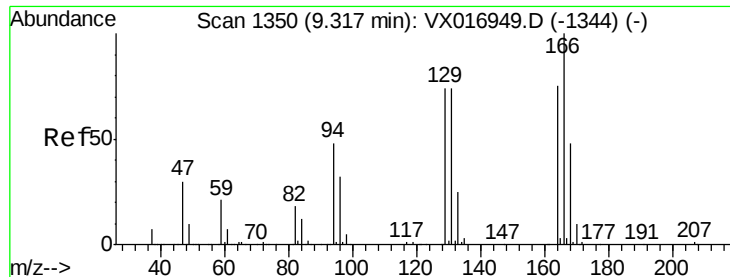
Tot Ion: 43 Resp: 252986
Ion Ratio Lower Upper
43 100
58 54.0 42.3 63.5
57 19.2 14.1 21.1



#60
4-Bromofluorobenzene
Concen: 30.559 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX017144.D
Acq: 02 Jul 2020 13:38

Tgt Ion: 95 Resp: 103404
Ion Ratio Lower Upper
95 100
174 83.0 62.2 93.4
176 80.5 58.9 88.3





#61

Tetrachloroethene

Concen: 20.622 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX017144.D

Acq: 02 Jul 2020 13:38

Instrument :

MSVOA_X

ClientSampled :

VX0702WBSD01

Tot Ion:164 Resp: 53362

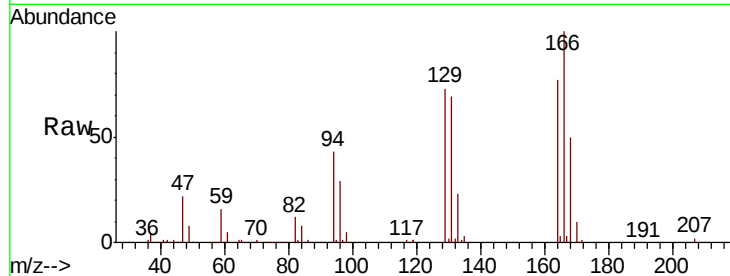
Ion Ratio Lower Upper

164 100

166 128.9 106.3 159.5

129 94.0 78.9 118.3

131 88.6 78.2 117.4

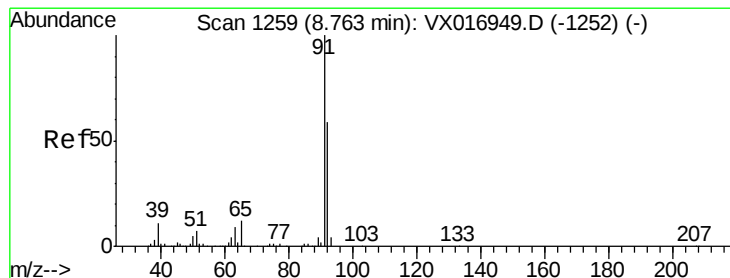
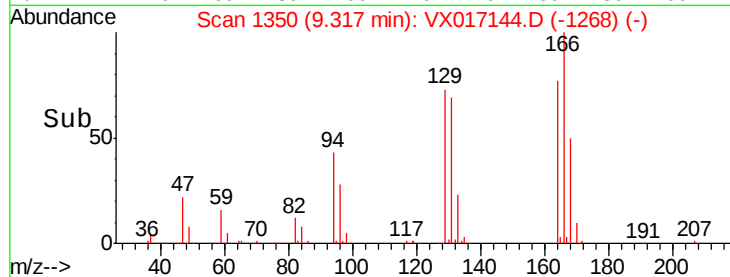
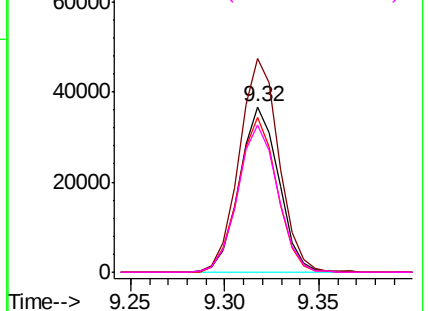


Abundance Ion 163.85 (163.55 to 164.55): V

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: 18.452 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX017144.D

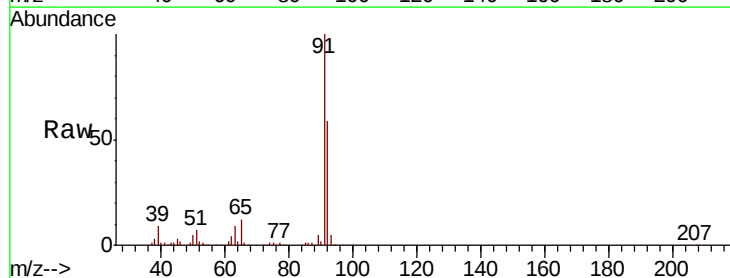
Acq: 02 Jul 2020 13:38

Tgt Ion: 91 Resp: 204776

Ion Ratio Lower Upper

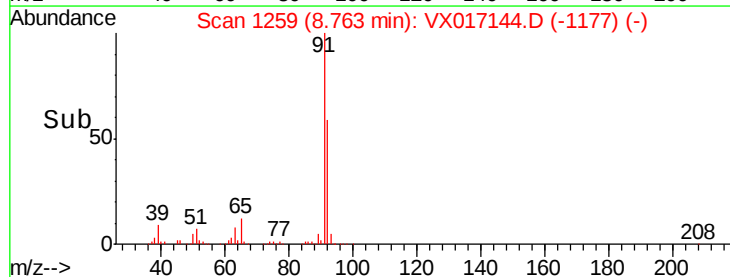
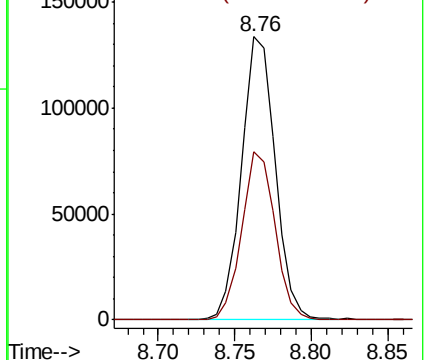
91 100

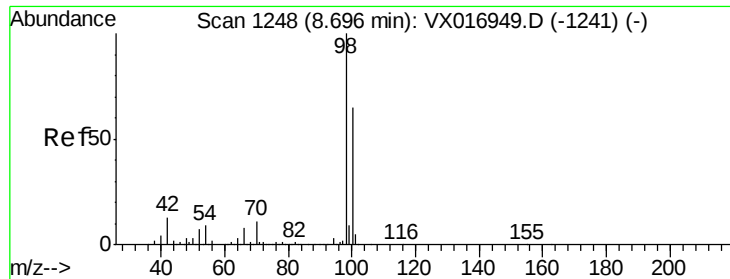
92 58.7 46.8 70.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 29.013 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX017144.D

Acq: 02 Jul 2020 13:38

Instrument :

MSVOA_X

ClientSampleId :

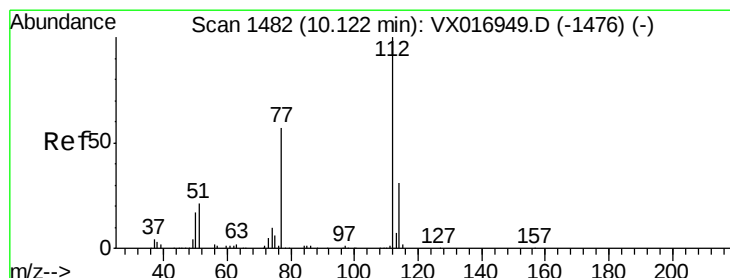
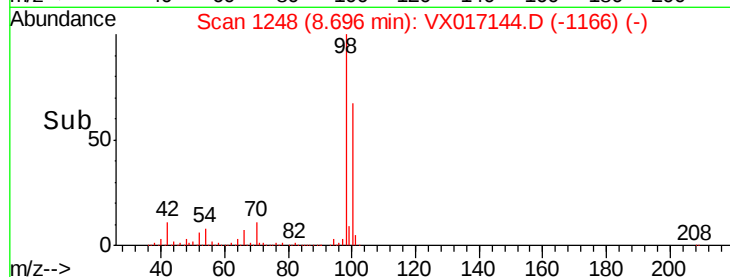
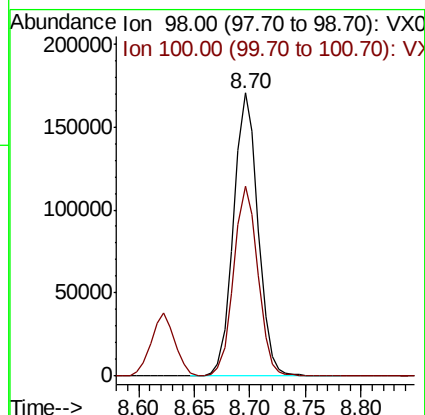
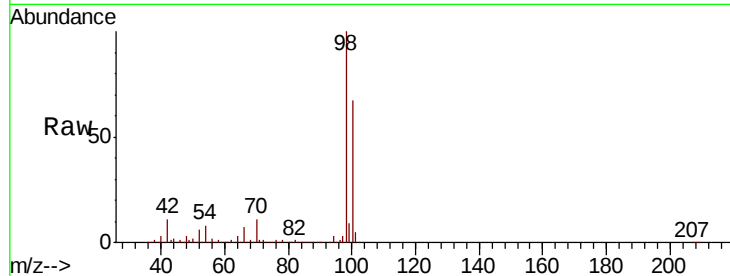
VX0702WBSD01

Tot Ion: 98 Resp: 259494

Ion Ratio Lower Upper

98 100

100 66.8 52.3 78.5



#64

Chlorobenzene

Concen: 19.025 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX017144.D

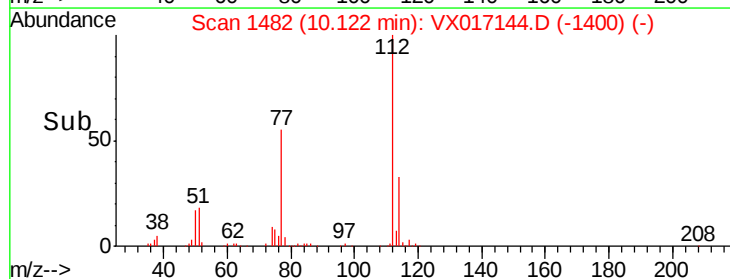
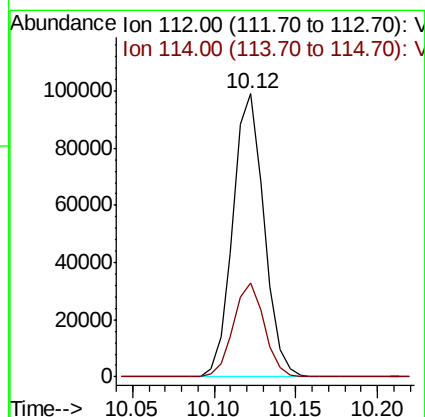
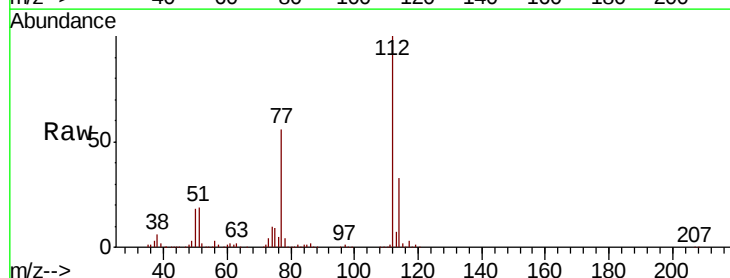
Acq: 02 Jul 2020 13:38

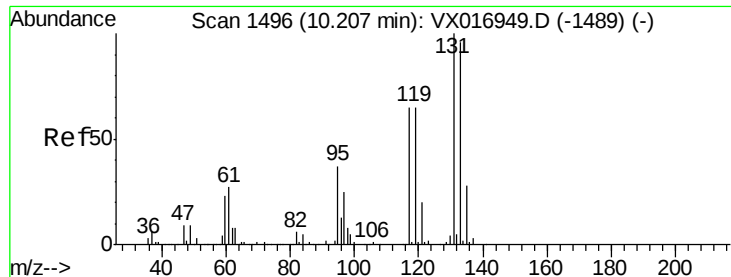
Tgt Ion: 112 Resp: 132272

Ion Ratio Lower Upper

112 100

114 33.2 24.9 37.3





#65

1,1,1,2-Tetrachloroethane

Concen: 20.271 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.00 min

Lab File: VX017144.D

Acq: 02 Jul 2020 13:38

Instrument :

MSVOA_X

ClientSampleId :

VX0702WBSD01

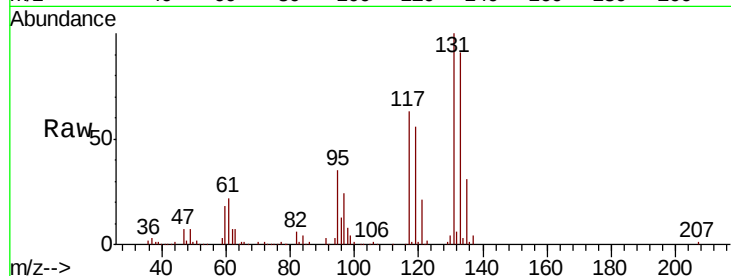
Tot Ion:131 Resp: 53058

Ion Ratio Lower Upper

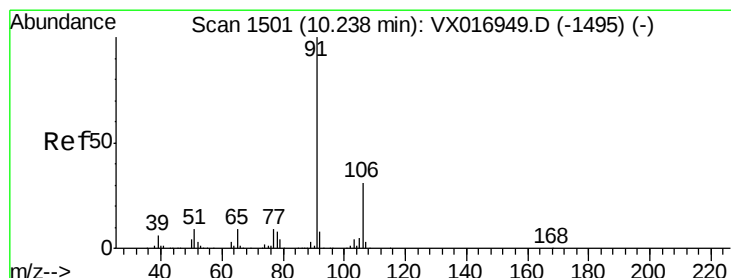
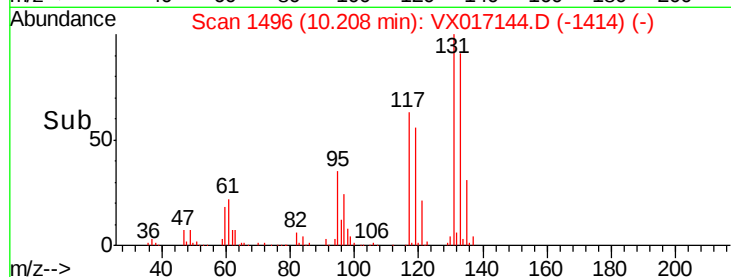
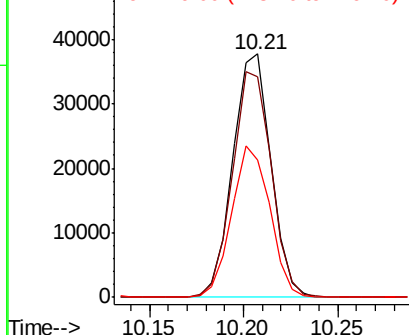
131 100

133 94.9 0.0 190.2

119 62.5 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: 17.890 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX017144.D

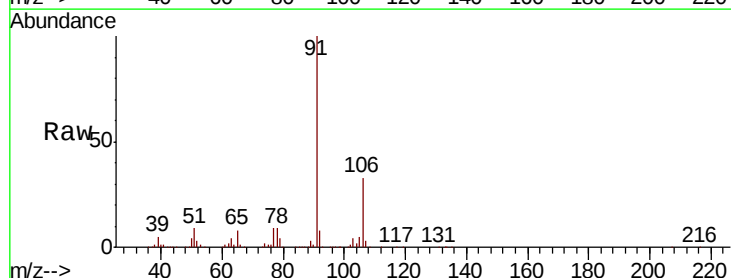
Acq: 02 Jul 2020 13:38

Tgt Ion: 91 Resp: 220162

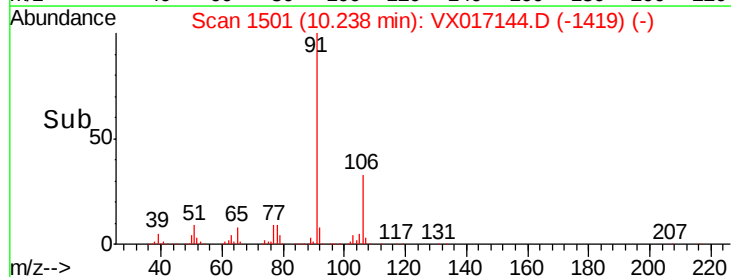
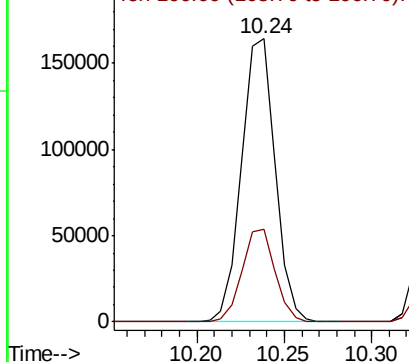
Ion Ratio Lower Upper

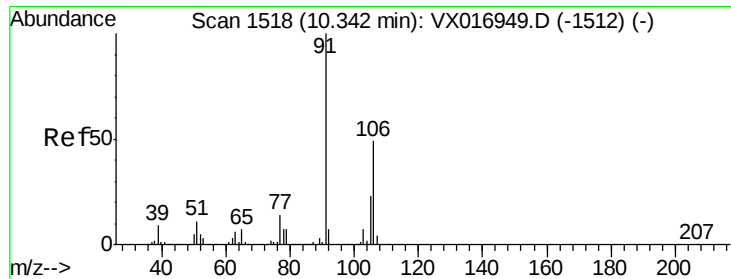
91 100

106 32.6 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: 37.106 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX017144.D

Acq: 02 Jul 2020 13:38

Instrument :

MSVOA_X

ClientSampleId :

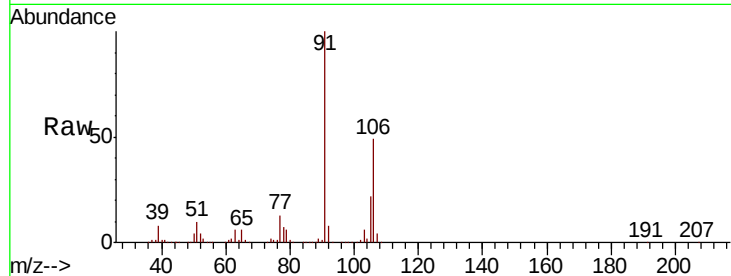
VX0702WBSD01

Tot Ion:106 Resp: 172267

Ion Ratio Lower Upper

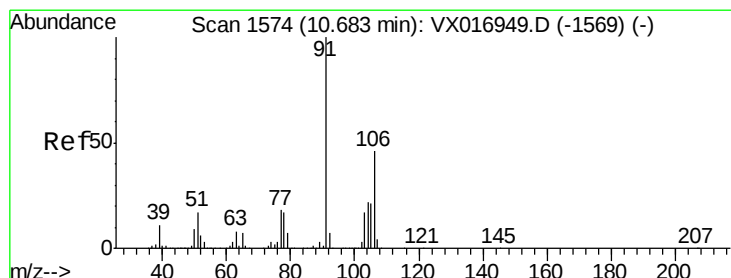
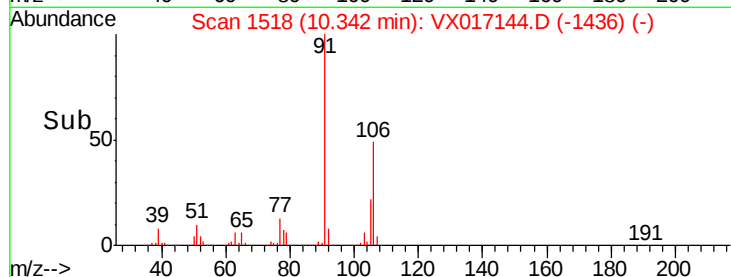
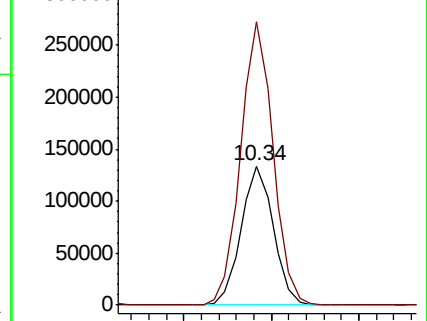
106 100

91 203.6 164.5 246.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 18.223 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX017144.D

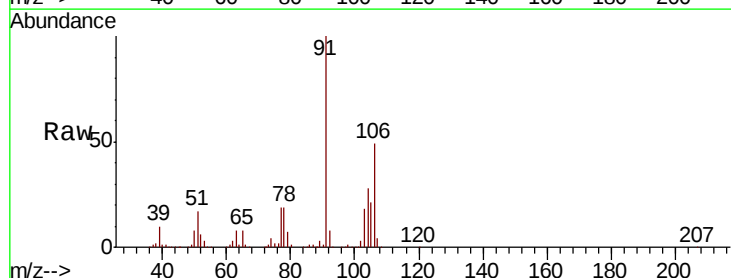
Acq: 02 Jul 2020 13:38

Tgt Ion:106 Resp: 81266

Ion Ratio Lower Upper

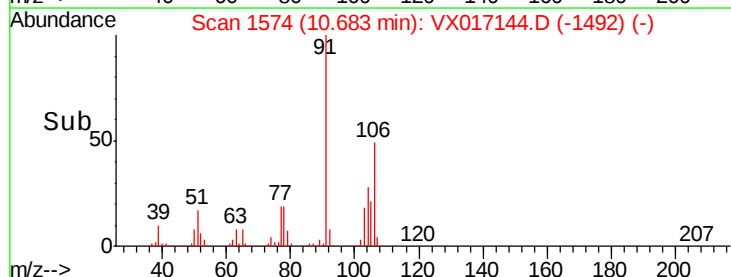
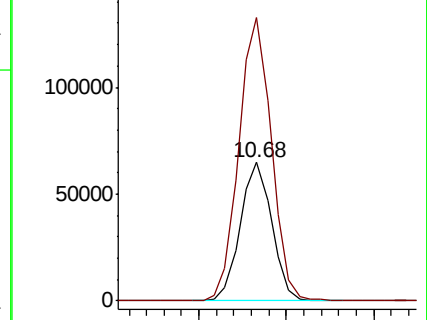
106 100

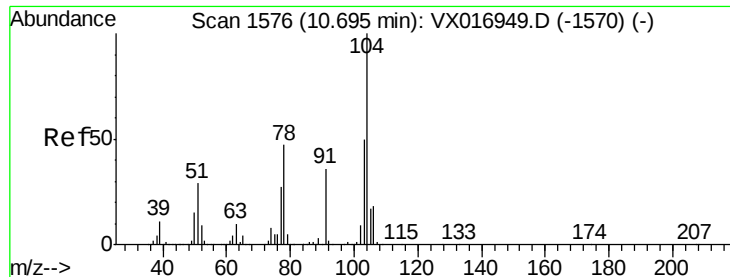
91 210.7 107.3 321.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#69

Stvrene

Concen: 18.550 ug/l

RT: 10.70 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VX017144.D

Acq: 02 Jul 2020 13:38

Instrument :

MSVOA_X

ClientSampled :

VX0702WBSD01

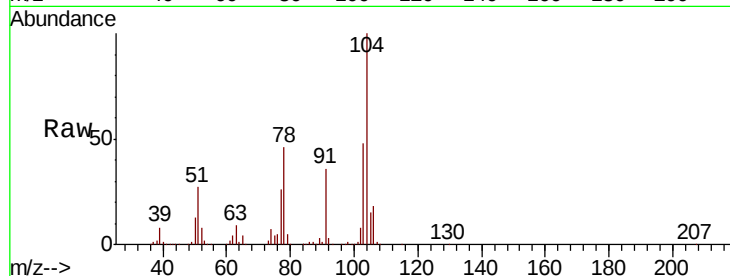
Tot Ion:104 Resp: 141643

Ion Ratio Lower Upper

104 100

78 50.5 42.6 64.0

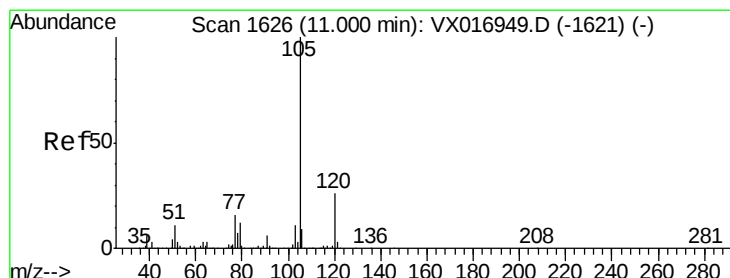
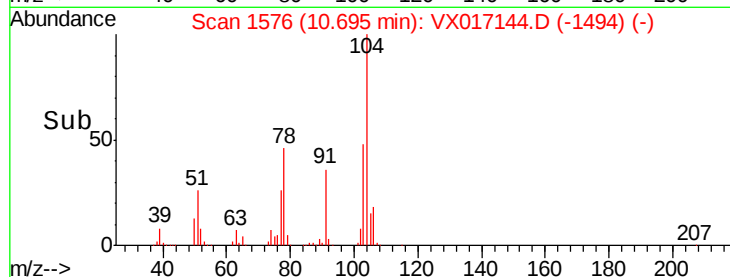
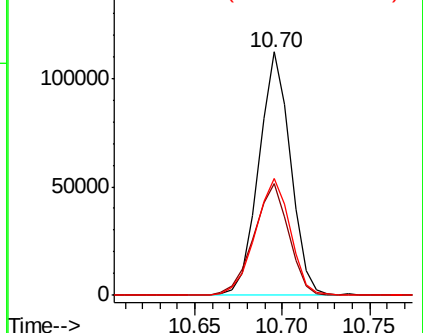
103 52.9 44.1 66.1



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: 18.514 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX017144.D

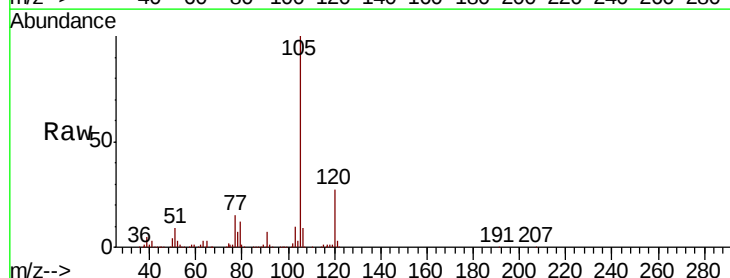
Acq: 02 Jul 2020 13:38

Tgt Ion:105 Resp: 223935

Ion Ratio Lower Upper

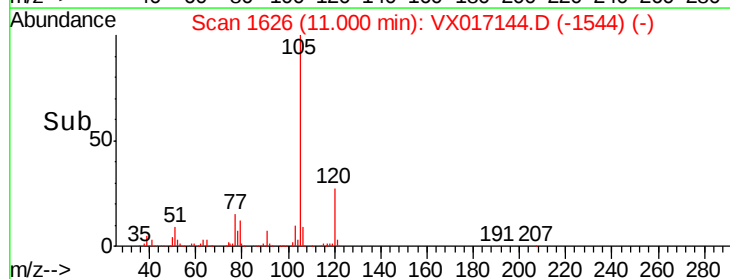
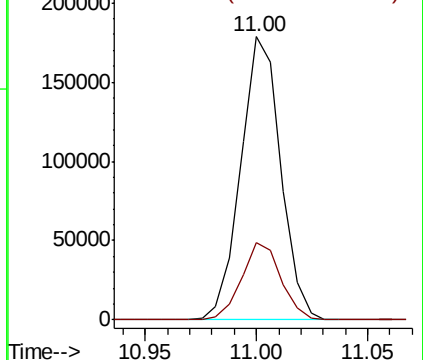
105 100

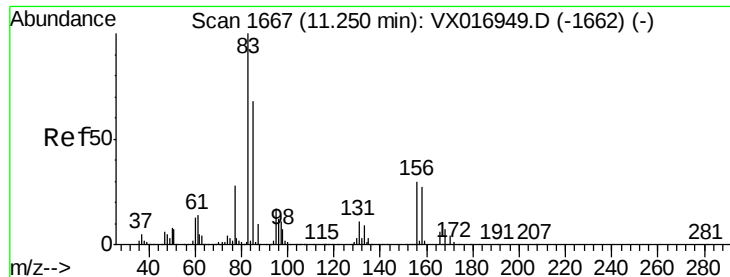
120 26.8 19.0 35.4



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: 19.221 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX017144.D

Acq: 02 Jul 2020 13:38

Instrument :

MSVOA_X

ClientSampled :

VX0702WBSD01

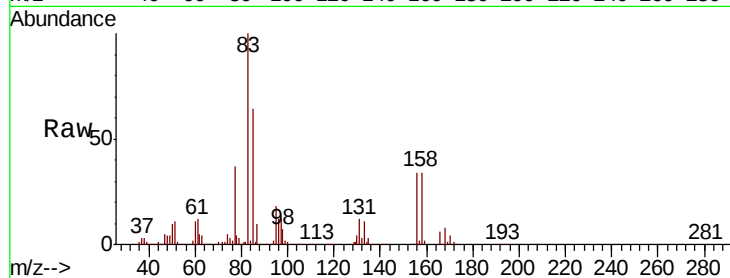
Tot Ion: 83 Resp: 71399

Ion Ratio Lower Upper

83 100

131 11.3 5.2 15.6

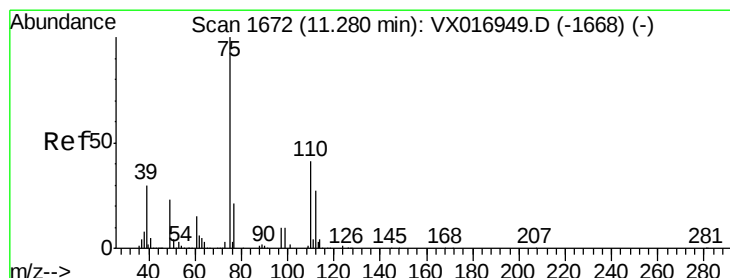
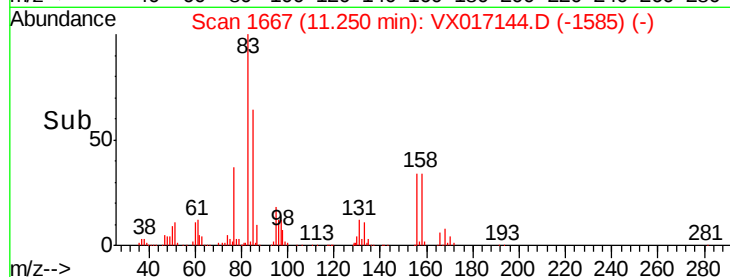
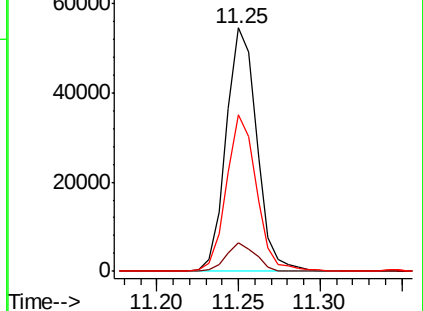
85 63.2 33.1 99.3



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: 25.183 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX017144.D

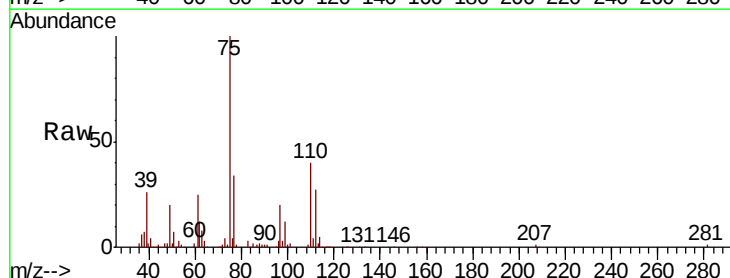
Acq: 02 Jul 2020 13:38

Tgt Ion: 75 Resp: 89835

Ion Ratio Lower Upper

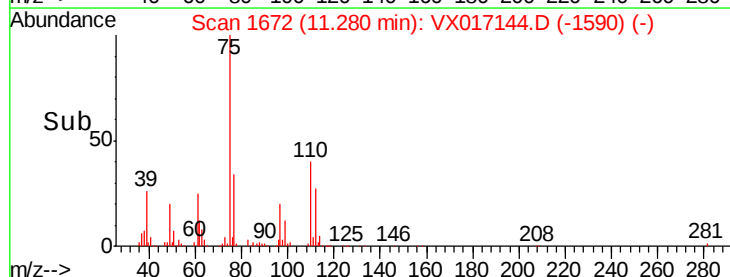
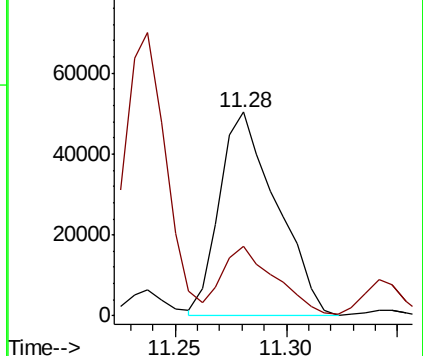
75 100

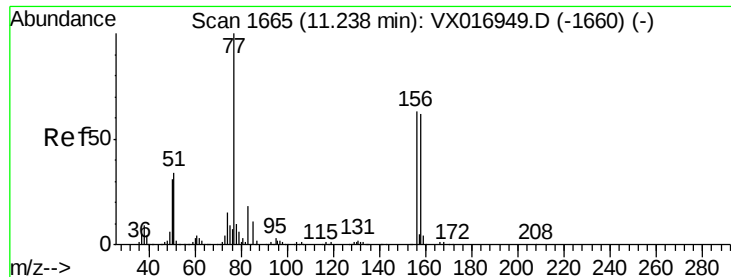
77 32.1 0.0 77.2



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 20.764 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX017144.D

Acq: 02 Jul 2020 13:38

Instrument :

MSVOA_X

ClientSampleId :

VX0702WBSD01

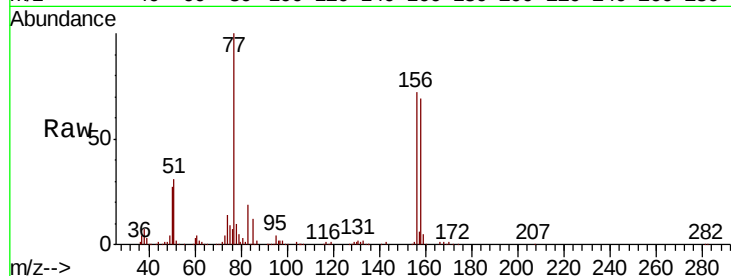
Tot Ion:156 Resp: 63384

Ion Ratio Lower Upper

156 100

77 146.4 0.0 317.2

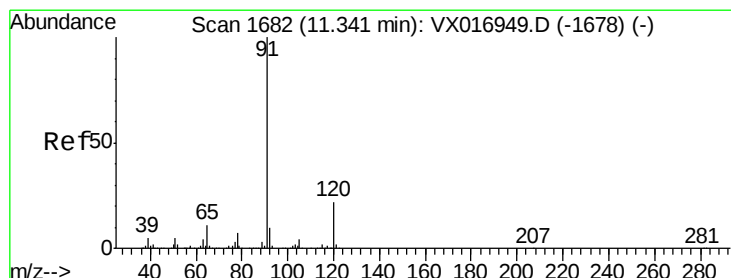
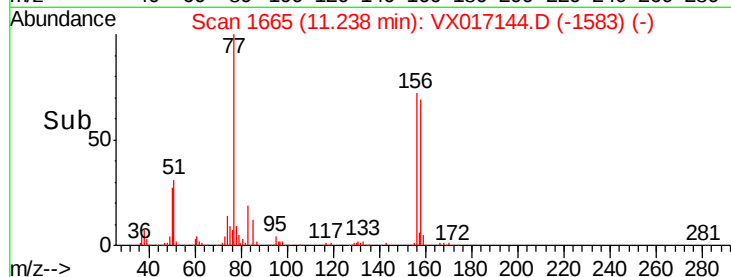
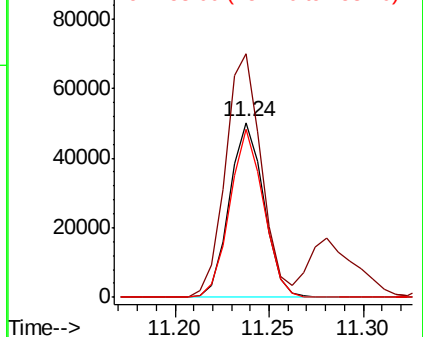
158 94.8 0.0 188.4



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: 17.531 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX017144.D

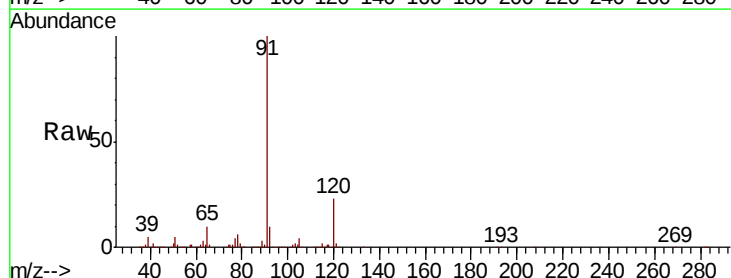
Acq: 02 Jul 2020 13:38

Tgt Ion: 91 Resp: 251769

Ion Ratio Lower Upper

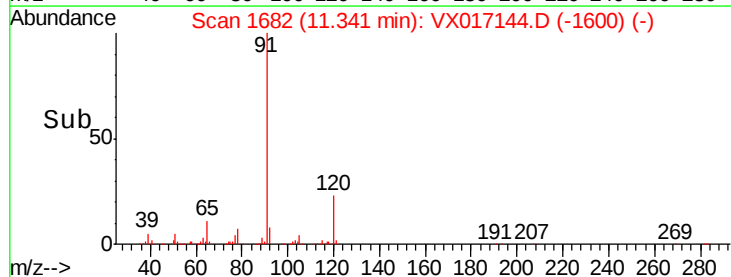
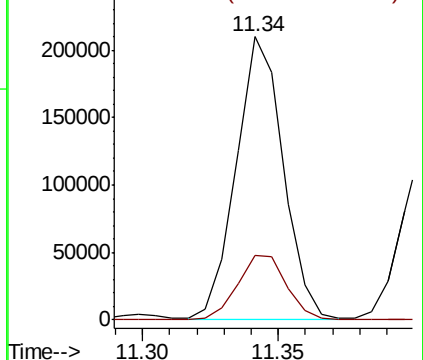
91 100

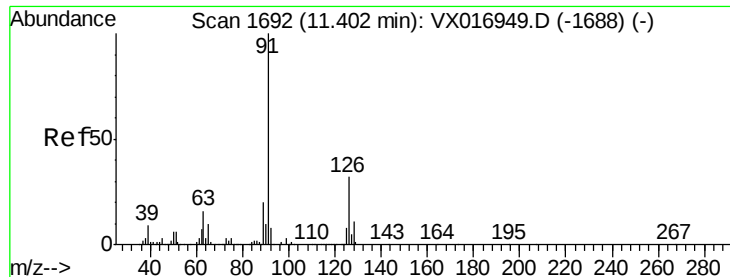
120 23.8 0.0 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 18.588 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX017144.D

Acq: 02 Jul 2020 13:38

Instrument :

MSVOA_X

ClientSampleId :

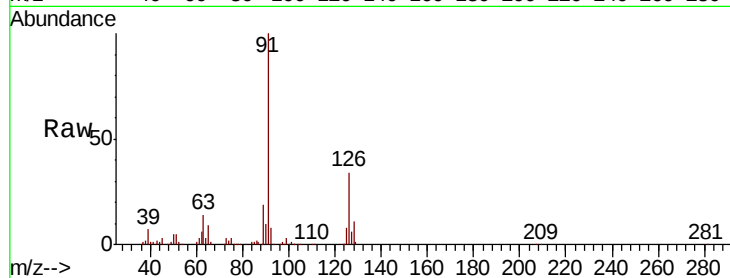
VX0702WBSD01

Tot Ion: 91 Resp: 155666

Ion Ratio Lower Upper

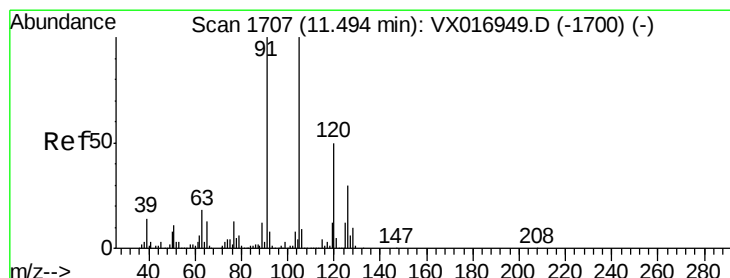
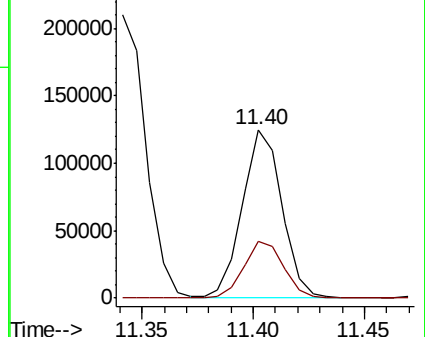
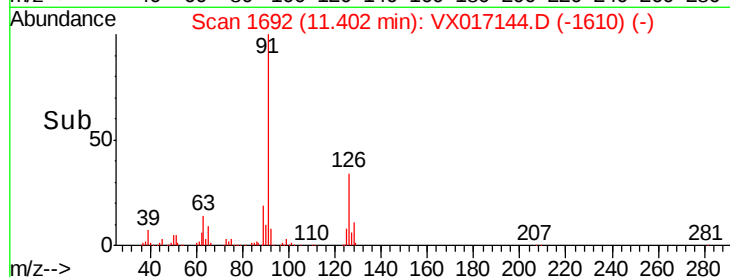
91 100

126 34.2 0.0 68.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 18.557 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX017144.D

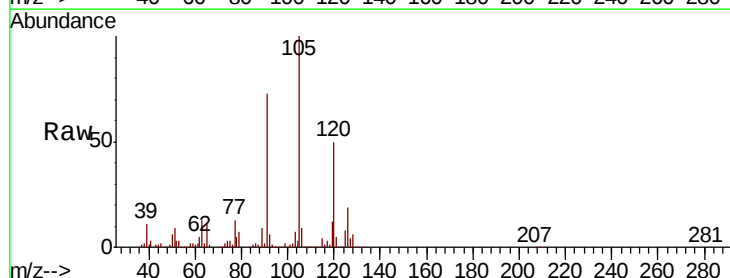
Acq: 02 Jul 2020 13:38

Tgt Ion:105 Resp: 188410

Ion Ratio Lower Upper

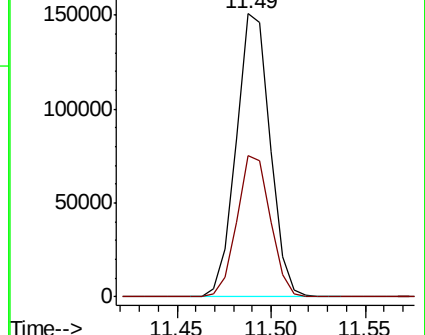
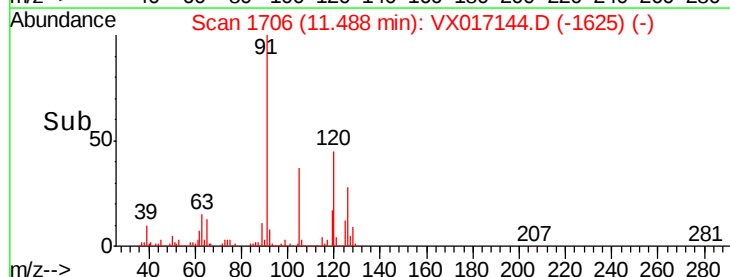
105 100

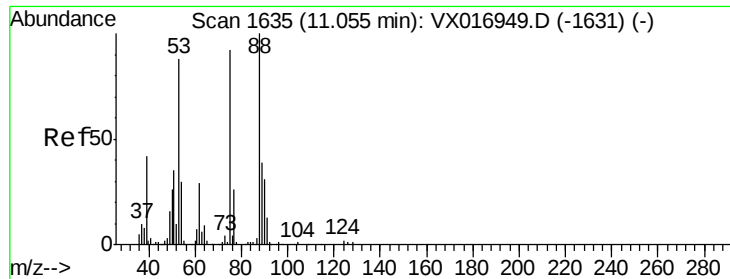
120 49.5 0.0 99.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

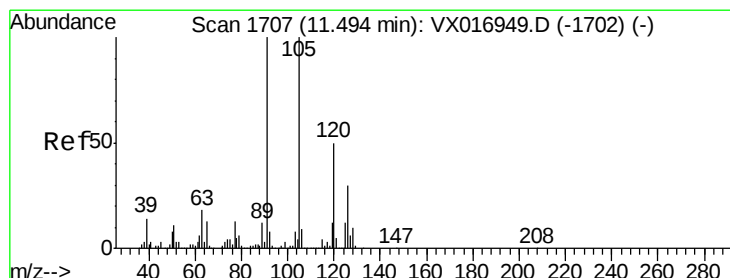
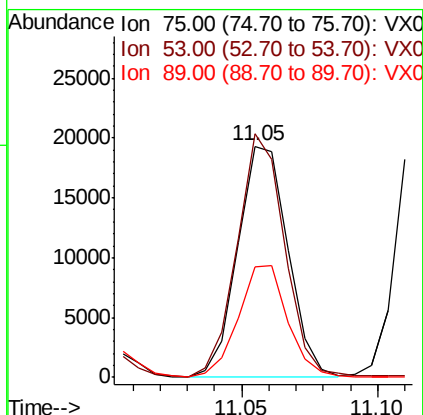
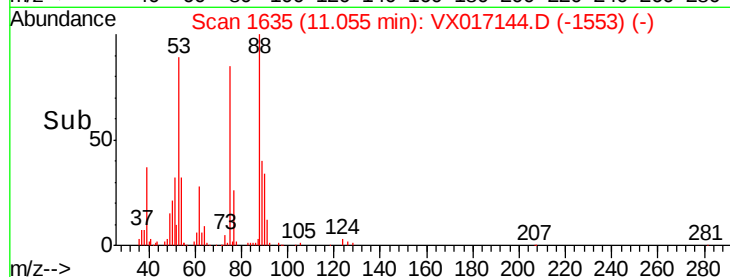
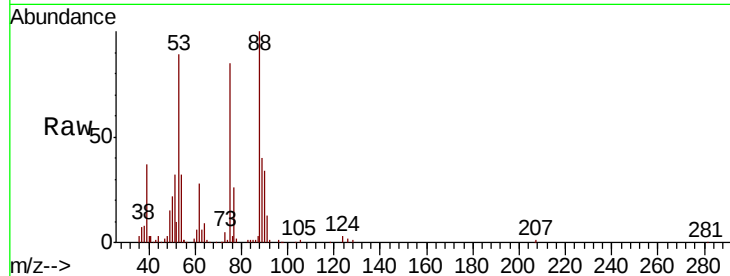




#77
t-1,4-Dichloro-2-butene
Concen: 17.193 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX017144.D
Acq: 02 Jul 2020 13:38

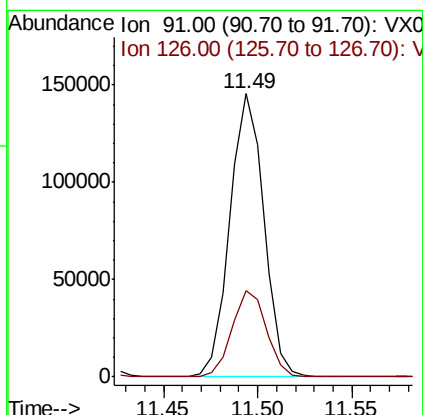
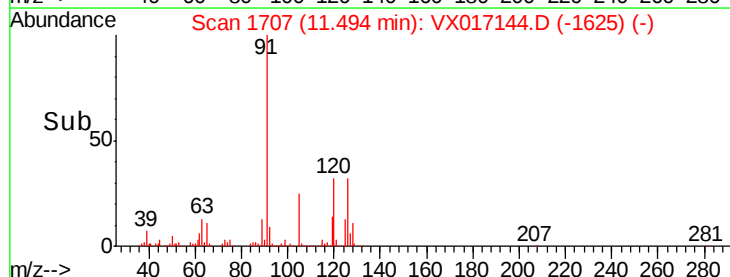
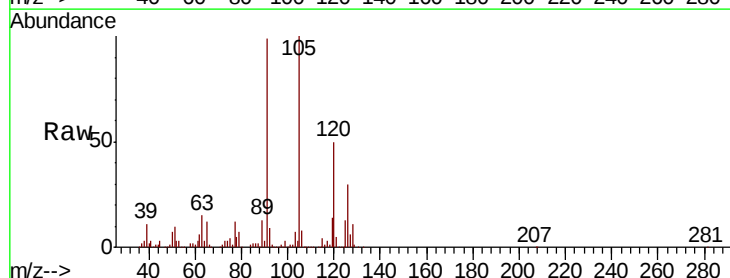
Instrument :
MSVOA_X
ClientSampleId :
VX0702WBSD01

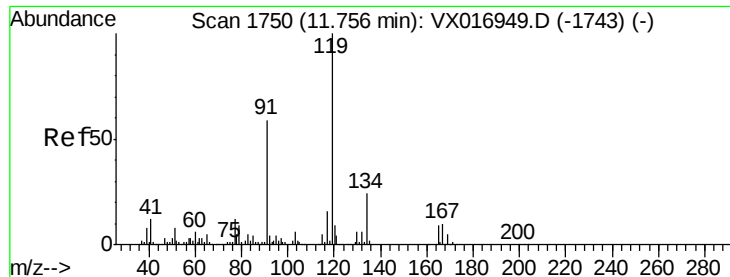
Tot Ion: 75 Resp: 24856
Ion Ratio Lower Upper
75 100
53 105.4 47.6 142.9
89 47.5 21.1 63.4



#78
4-Chlorotoluene
Concen: 18.352 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX017144.D
Acq: 02 Jul 2020 13:38

Tgt Ion: 91 Resp: 181968
Ion Ratio Lower Upper
91 100
126 30.5 0.0 60.6

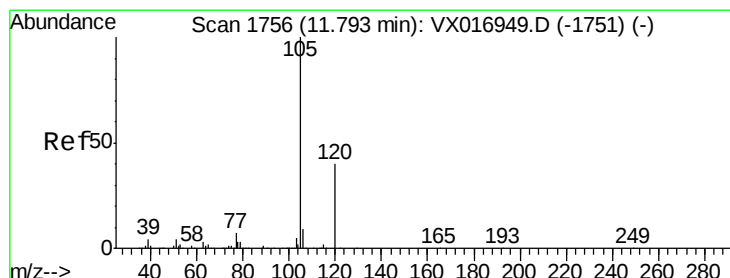
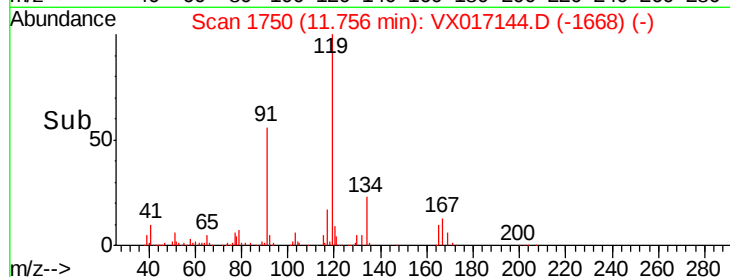
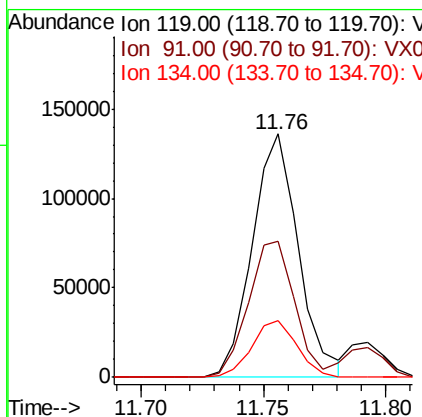
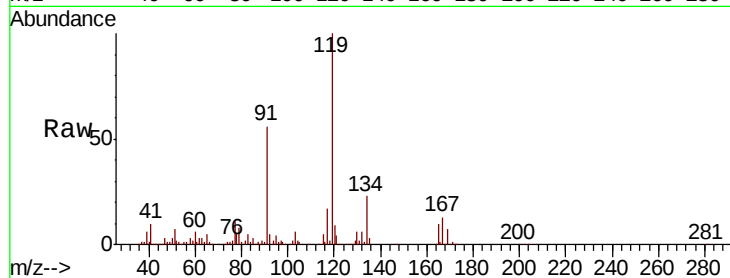




#79
tert-butylbenzene
Concen: 18.438 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX017144.D
Acq: 02 Jul 2020 13:38

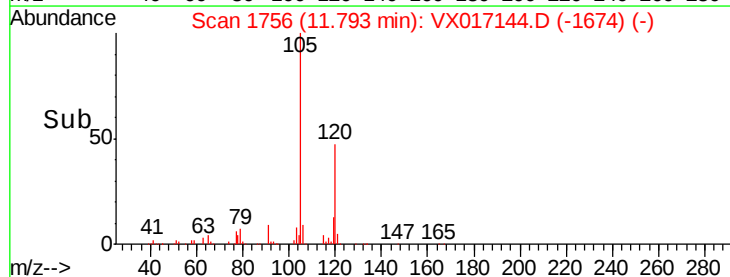
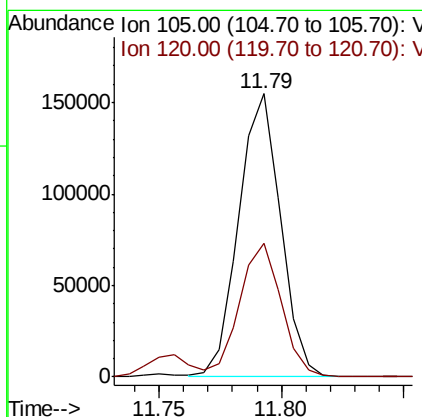
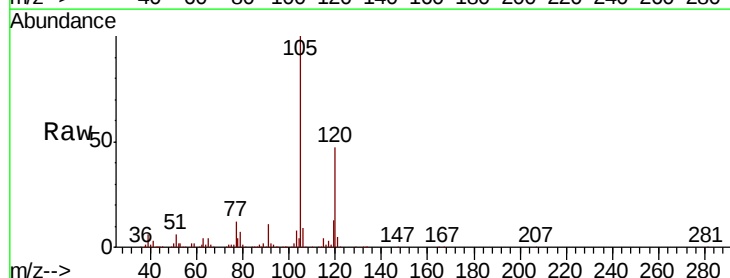
Instrument :
MSVOA_X
ClientSampled :
VX0702WBSD01

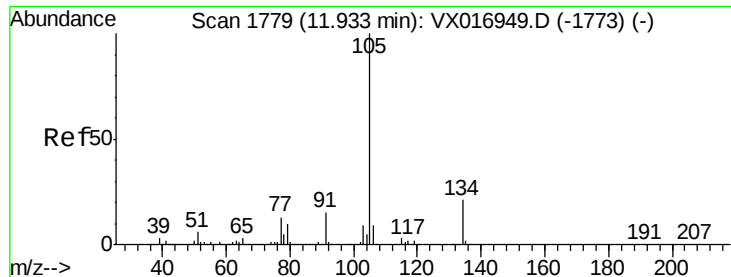
Tot Ion	Ratio	Lower	Upper
119	100		
91	56.0	0.0	115.2
134	22.8	0.0	45.8



#80
1,2,4-Trimethylbenzene
Concen: 18.057 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX017144.D
Acq: 02 Jul 2020 13:38

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.0	0.0	89.8

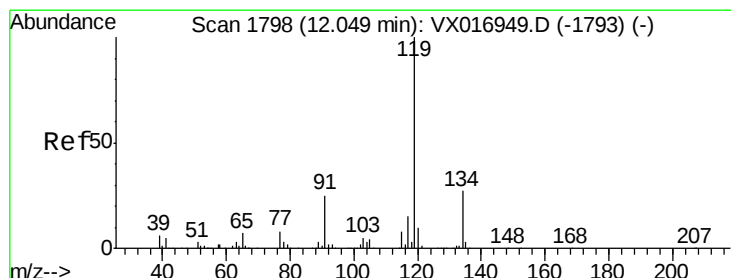
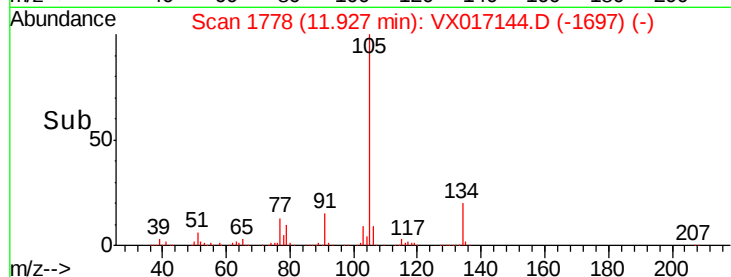
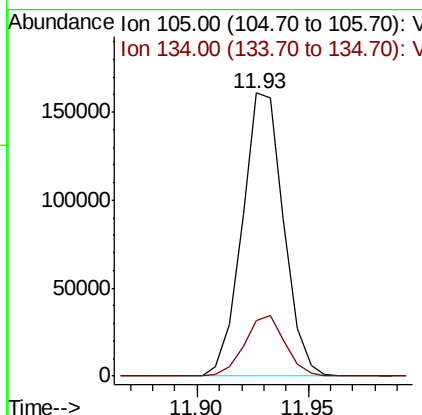
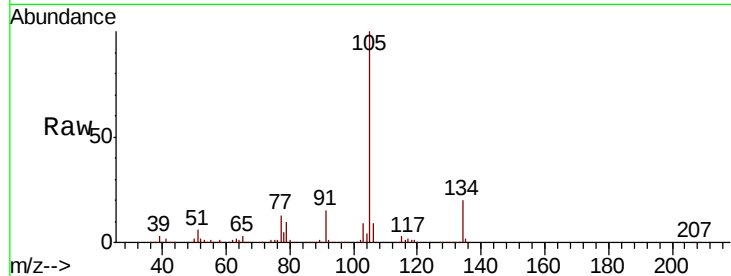




#81
 sec-Butylbenzene
 Concen: 17.626 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: VX017144.D
 Acq: 02 Jul 2020 13:38

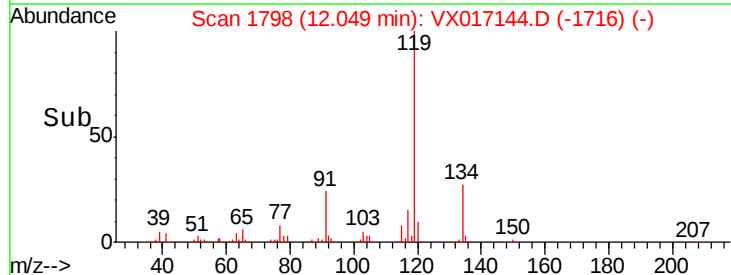
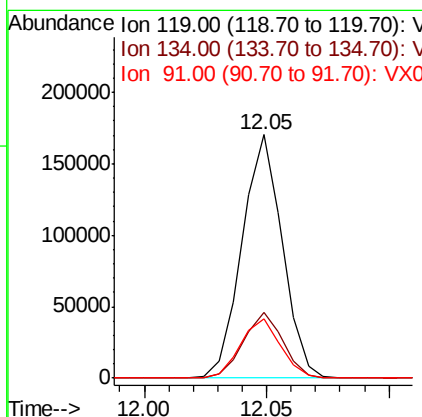
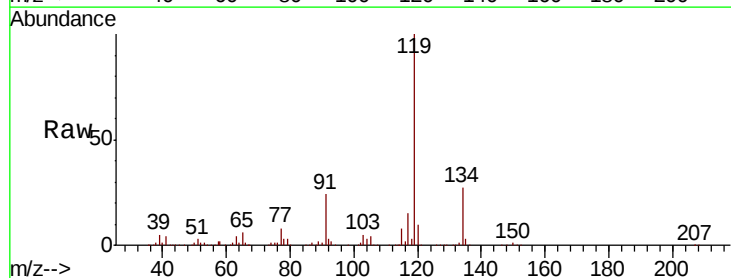
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0702WBSD01

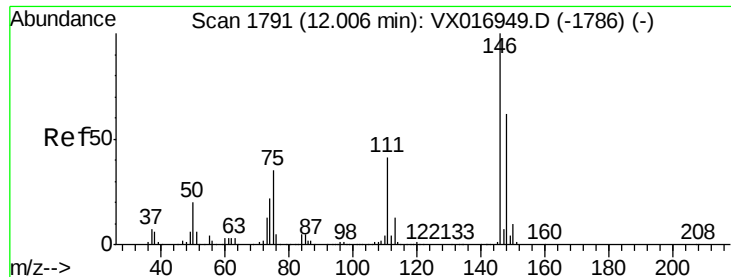
Tot Ion:105 Resp: 207554
 Ion Ratio Lower Upper
 105 100
 134 21.0 0.0 41.2



#82
 p-Isopropyltoluene
 Concen: 18.362 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX017144.D
 Acq: 02 Jul 2020 13:38

Tgt Ion:119 Resp: 195234
 Ion Ratio Lower Upper
 119 100
 134 26.5 0.0 53.0
 91 24.0 0.0 49.0

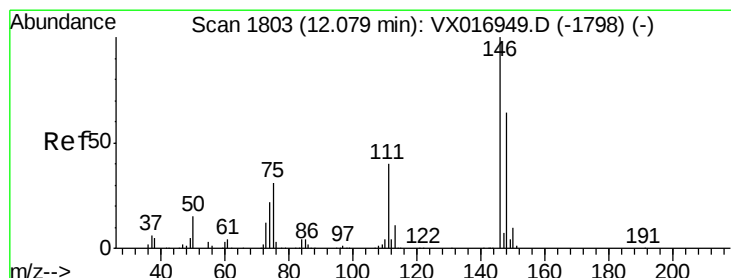
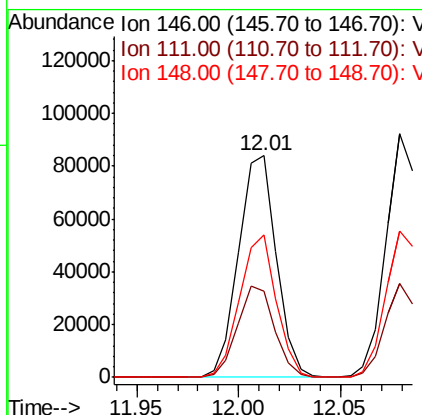
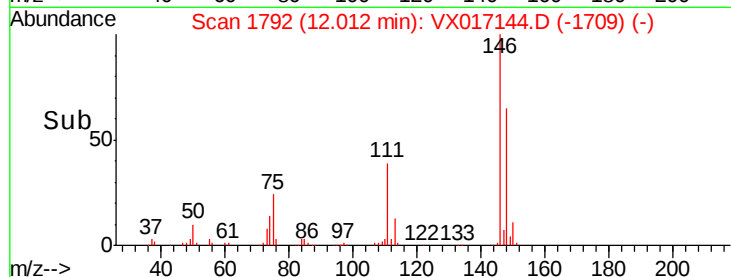
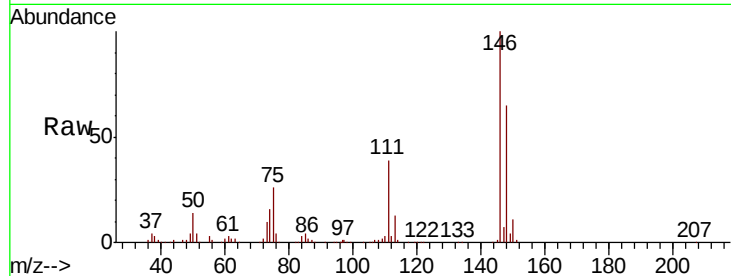




#83
 1,3-Dichlorobenzene
 Concen: 19.800 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX017144.D
 Acq: 02 Jul 2020 13:38

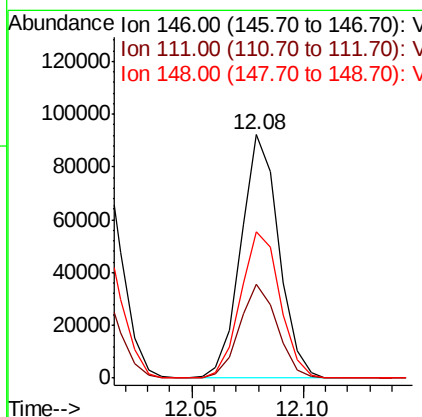
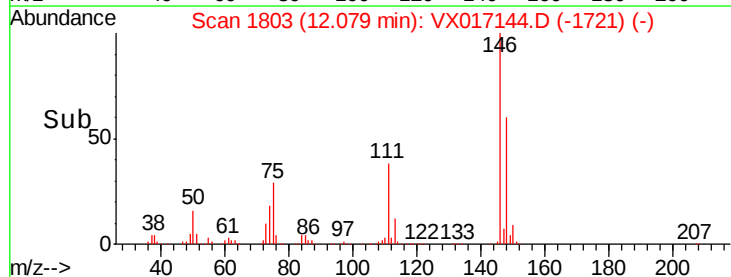
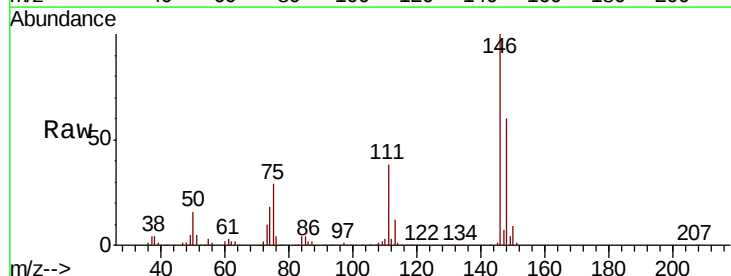
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0702WBSD01

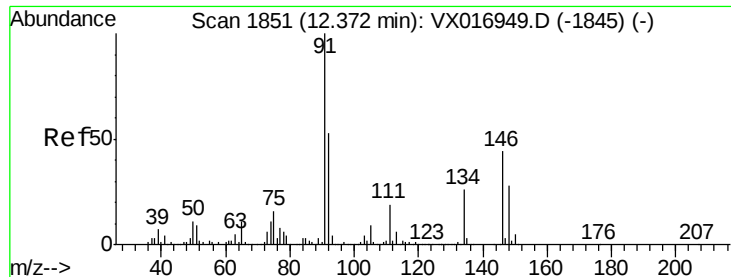
Tot Ion:146 Resp: 108316
 Ion Ratio Lower Upper
 146 100
 111 40.1 19.5 58.5
 148 62.3 31.8 95.4



#84
 1,4-Dichlorobenzene
 Concen: 19.906 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX017144.D
 Acq: 02 Jul 2020 13:38

Tgt Ion:146 Resp: 109411
 Ion Ratio Lower Upper
 146 100
 111 38.4 19.4 58.2
 148 62.5 32.1 96.3





#85

n-Butylbenzene

Concen: 16.383 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX017144.D

Acq: 02 Jul 2020 13:38

Instrument :

MSVOA_X

ClientSampleId :

VX0702WBSD01

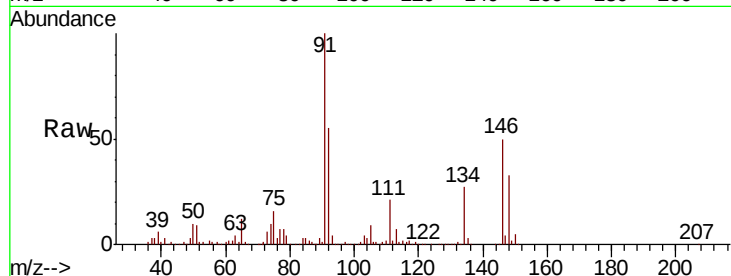
Tot Ion: 91 Resp: 161237

Ion Ratio Lower Upper

91 100

92 53.8 0.0 105.8

134 27.2 0.0 52.2

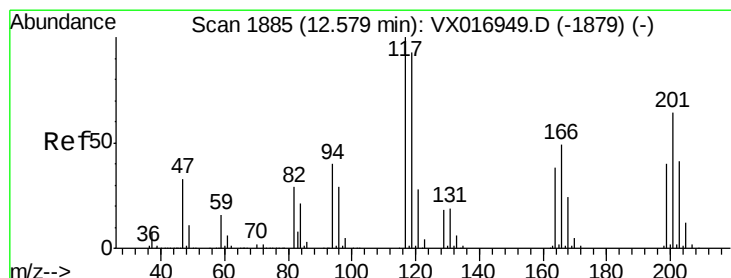
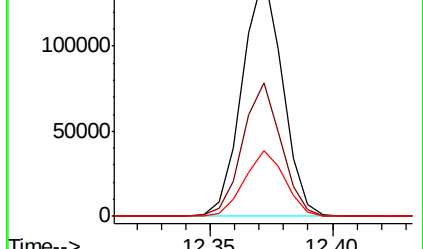
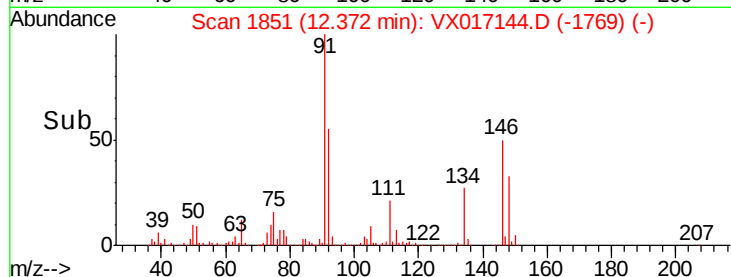


Abundance Ion 91.00 (90.70 to 91.70): VX016949.D (-1845) (-)

Ion 92.00 (91.70 to 92.70): VX016949.D (-1845) (-)

Ion 134.00 (133.70 to 134.70): VX016949.D (-1845) (-)

Time-->



#86

Hexachloroethane

Concen: 17.977 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX017144.D

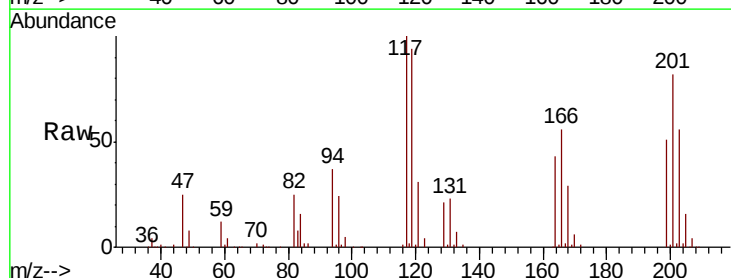
Acq: 02 Jul 2020 13:38

Tgt Ion: 117 Resp: 37406

Ion Ratio Lower Upper

117 100

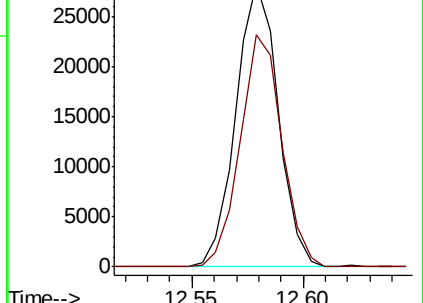
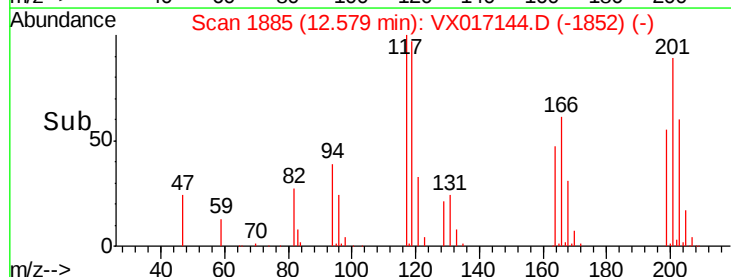
201 81.0 34.6 103.9

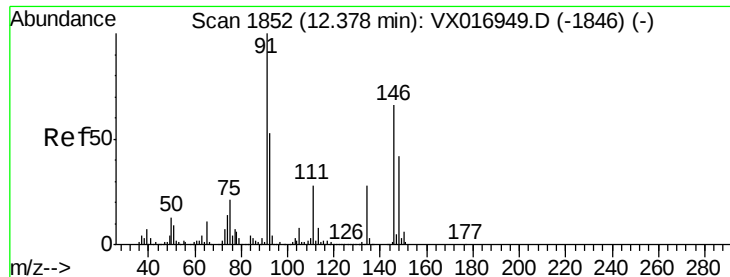


Abundance Ion 117.00 (116.70 to 117.70): VX016949.D (-1879) (-)

Ion 201.00 (200.70 to 201.70): VX016949.D (-1879) (-)

Time-->

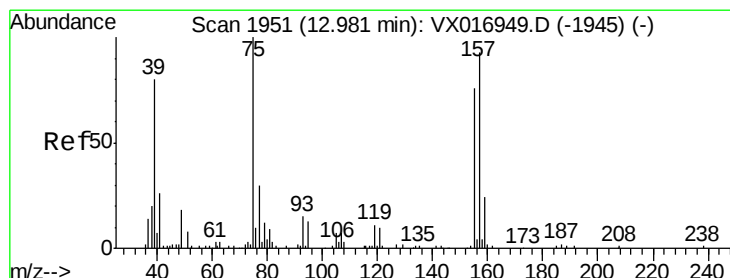
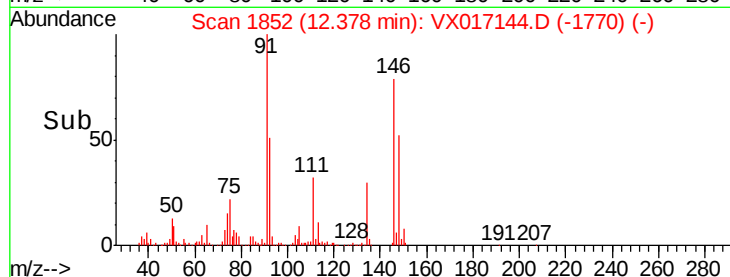
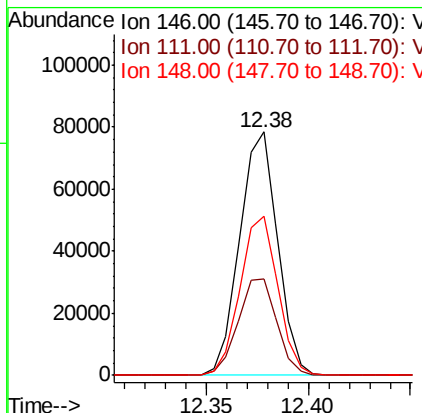
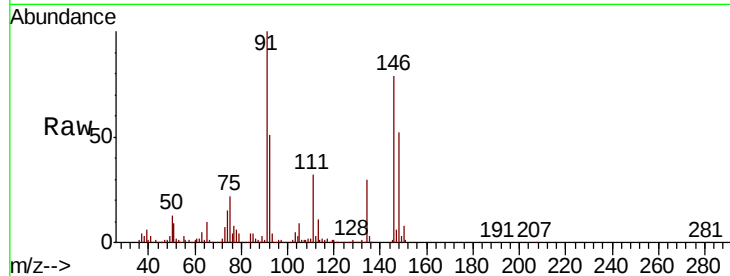




#87
 1,2-Dichlorobenzene
 Concen: 19.822 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX017144.D
 Acq: 02 Jul 2020 13:38

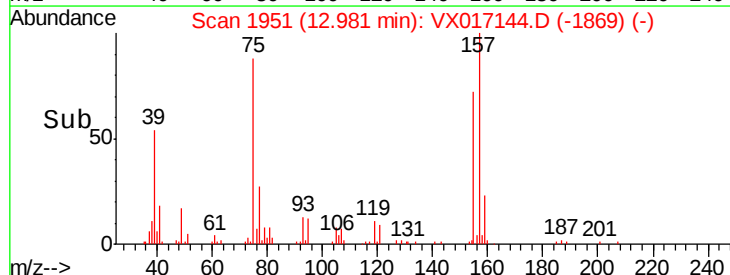
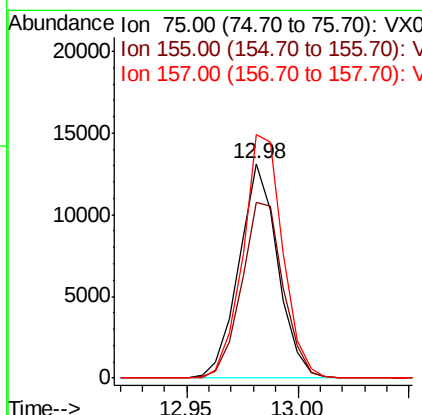
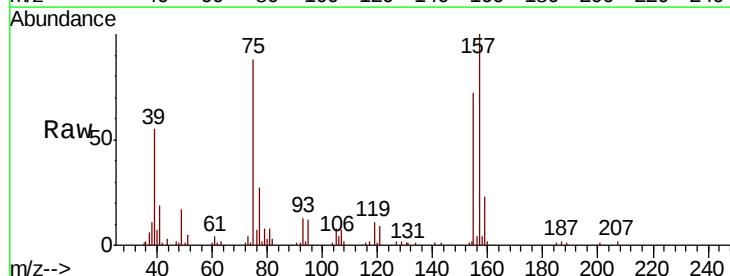
Instrument :
 MSVOA_X
 ClientSampleID :
 VX0702WBSD01

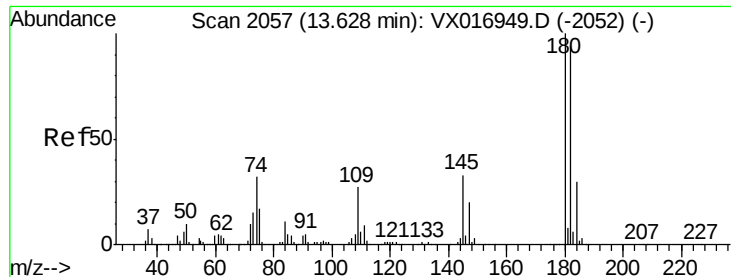
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	21.1	63.1
148	65.2	32.1	96.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.962 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX017144.D
 Acq: 02 Jul 2020 13:38

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.4	65.0	97.6
157	116.2	83.0	124.4

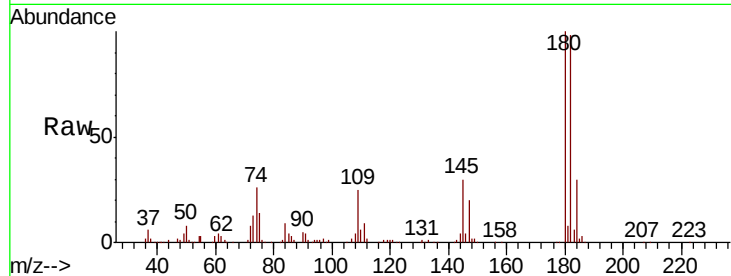




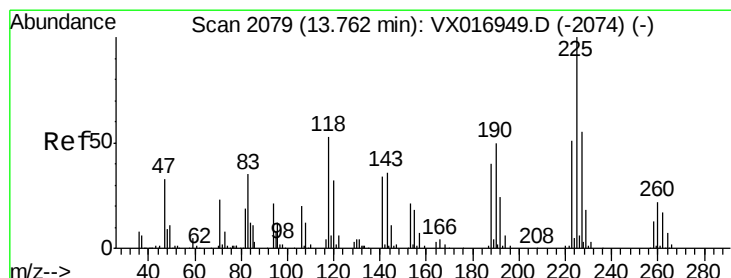
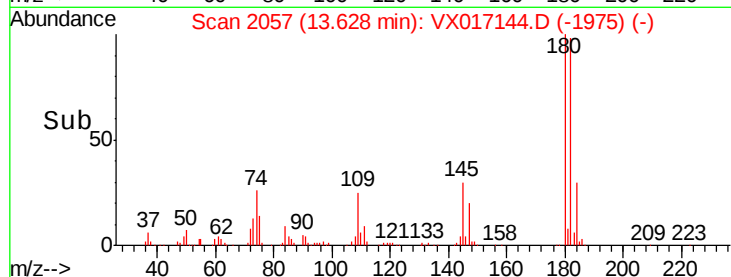
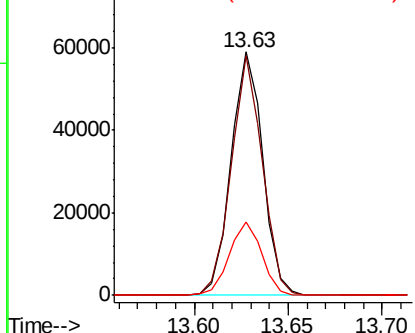
#89
 1,2,4-Trichlorobenzene
 Concen: 19.951 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX017144.D
 Acq: 02 Jul 2020 13:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0702WBSD01

Tot Ion:180 Resp: 68922
 Ion Ratio Lower Upper
 180 100
 182 96.0 77.7 116.5
 145 30.9 26.2 39.2

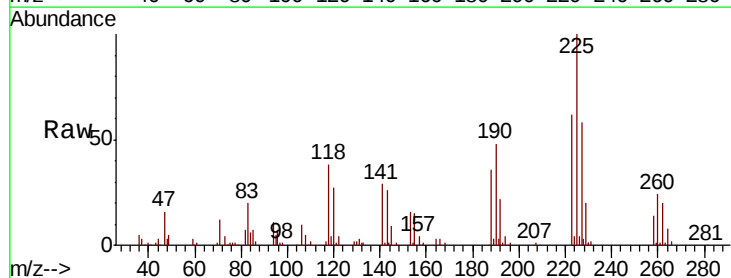


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

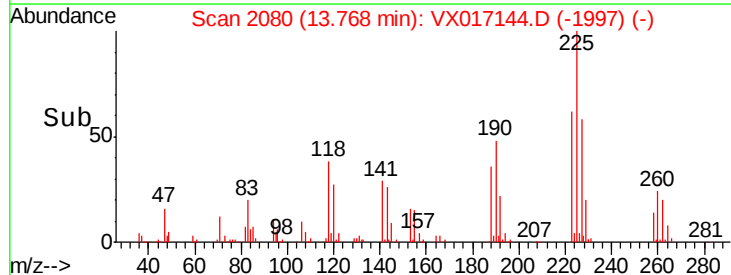
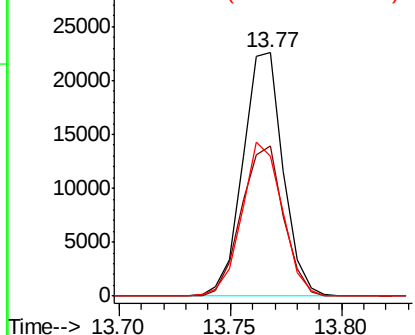


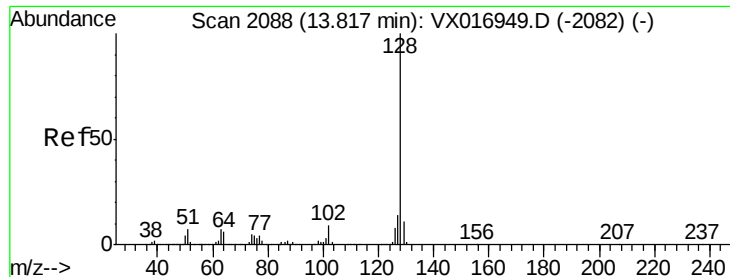
#90
 Hexachlorobutadiene
 Concen: 21.704 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX017144.D
 Acq: 02 Jul 2020 13:38

Tgt Ion:225 Resp: 28522
 Ion Ratio Lower Upper
 225 100
 223 64.0 0.0 125.0
 227 63.6 0.0 124.0



Abundance Ion 225.00 (224.70 to 225.70): V
 Ion 223.00 (222.70 to 223.70): V
 Ion 227.00 (226.70 to 227.70): V





#91

Naphthalene

Concen: 19.010 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX017144.D

Acq: 02 Jul 2020 13:38

Instrument :

MSVOA_X

ClientSampleId :

VX0702WBSD01

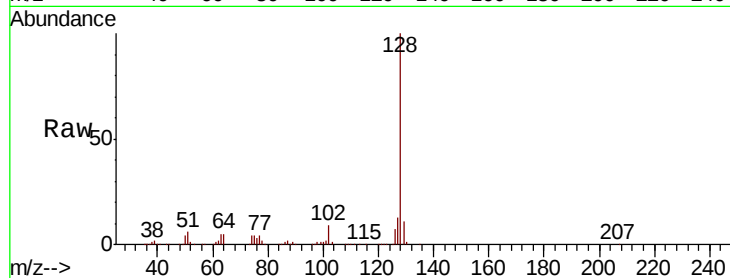
Tot Ion:128 Resp: 215255

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

129 10.9 9.0 13.4

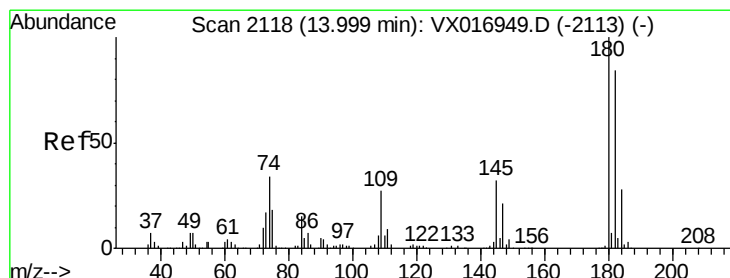
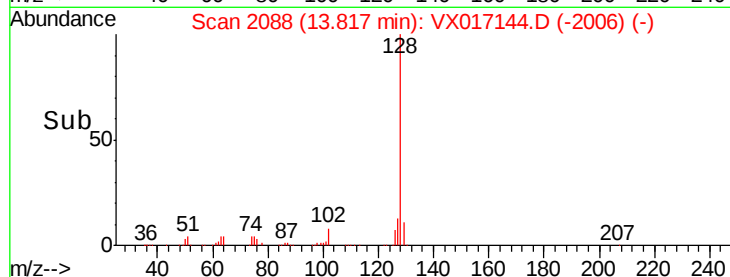
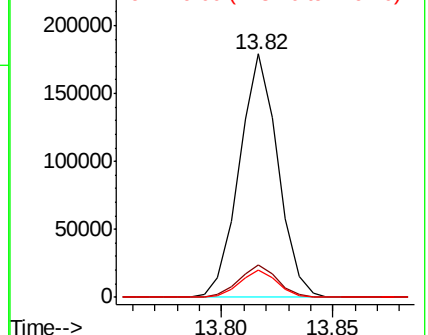


Abundance

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



#92

1,2,3-Trichlorobenzene

Concen: 20.246 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX017144.D

Acq: 02 Jul 2020 13:38

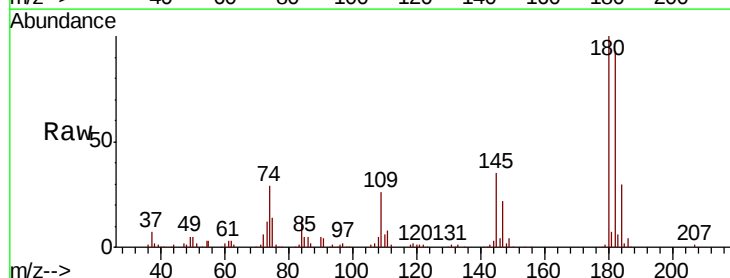
Tgt Ion:180 Resp: 68253

Ion Ratio Lower Upper

180 100

182 95.5 0.0 184.8

145 33.9 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

