

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 :

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

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 :

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\
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 :

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

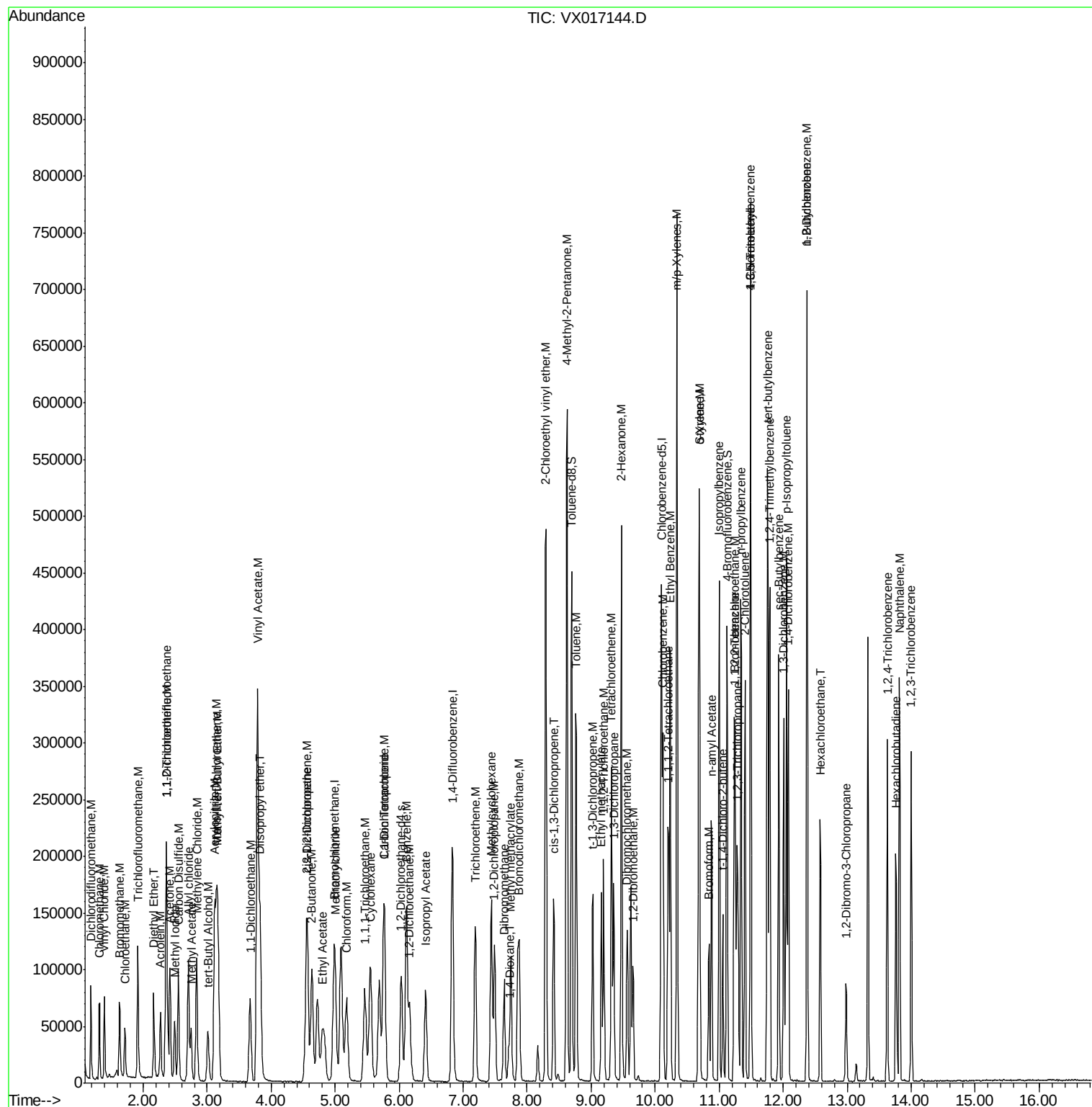
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

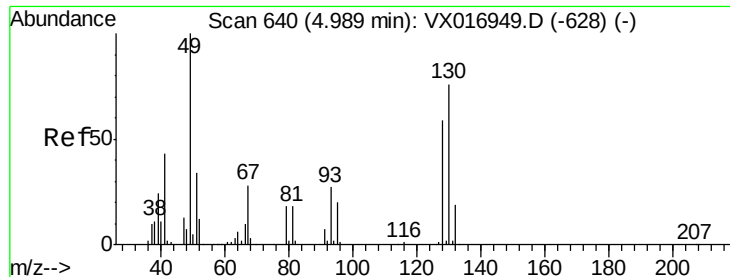
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\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
ClientSampled :

Quant Time: Jul 03 00:47:52 2020
Quant Method : Z:\V0ASRV\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





#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

ClientSampled :

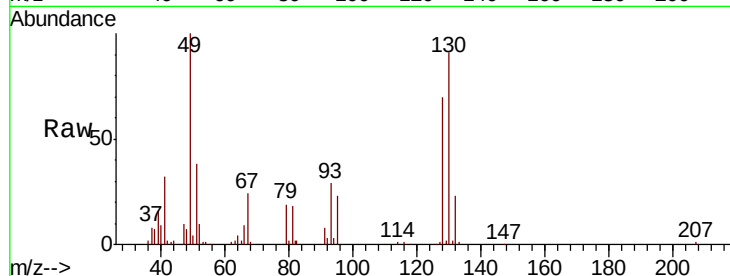
Tot Ion:128 Resp: 41209

Ion Ratio Lower Upper

128 100

49 146.7 0.0 428.0

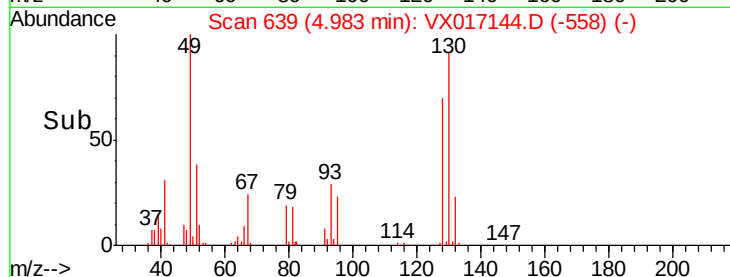
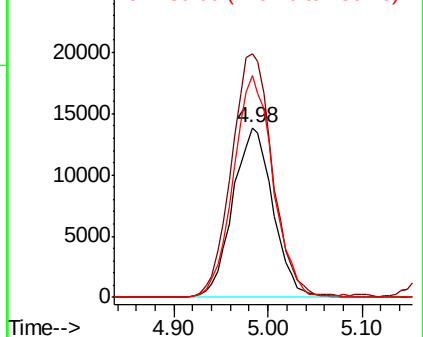
130 129.2 0.0 318.0



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

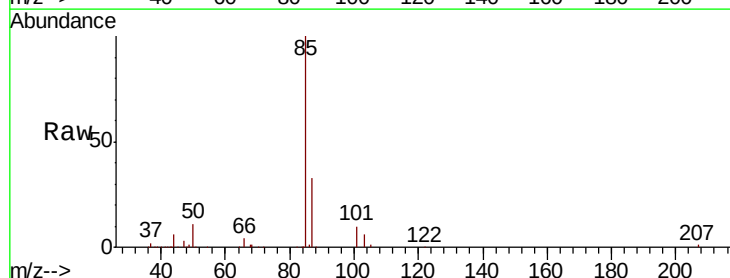
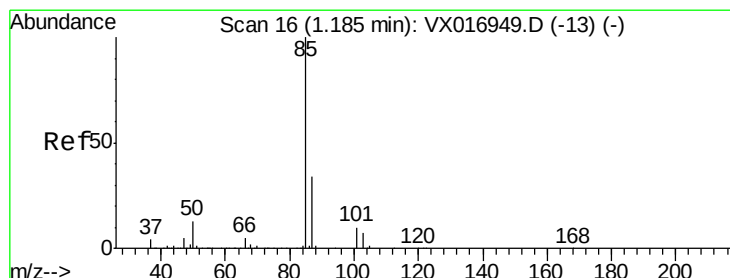
Acq: 02 Jul 2020 13:38

Tgt Ion: 85 Resp: 41493

Ion Ratio Lower Upper

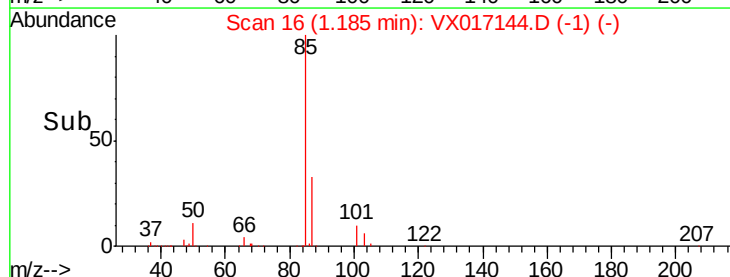
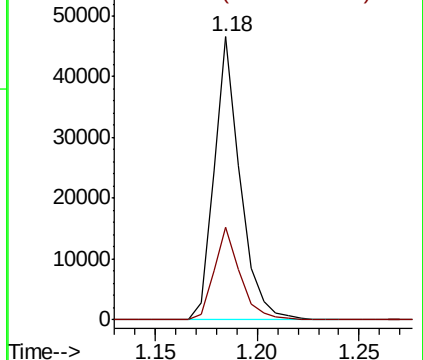
85 100

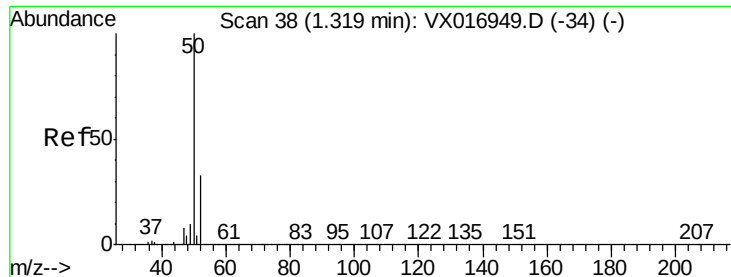
87 32.7 16.9 50.7



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

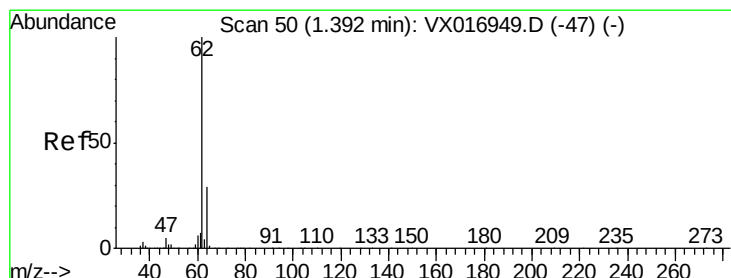
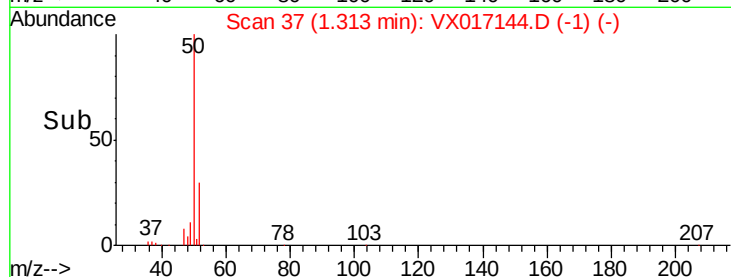
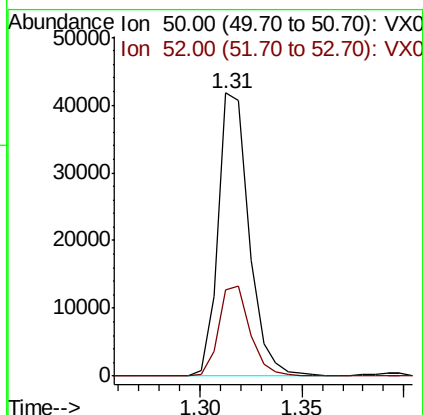
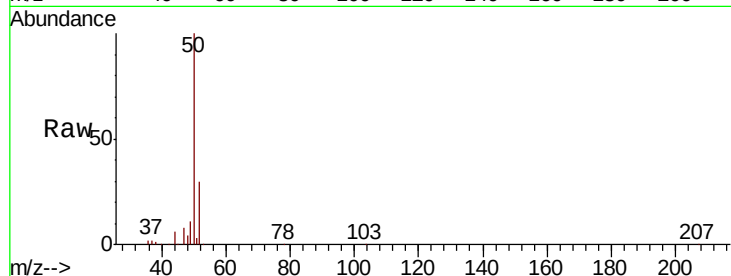
ClientSampleId :

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

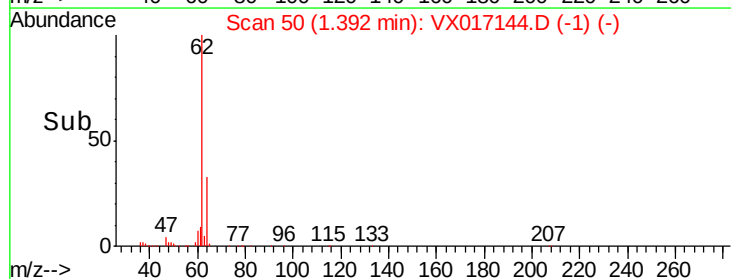
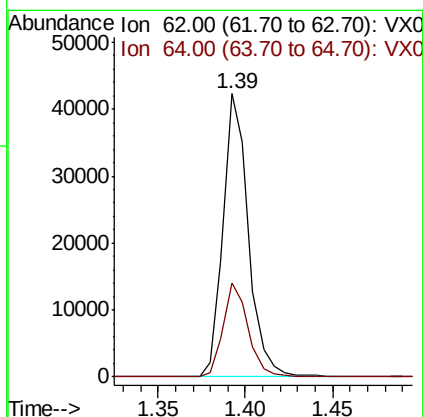
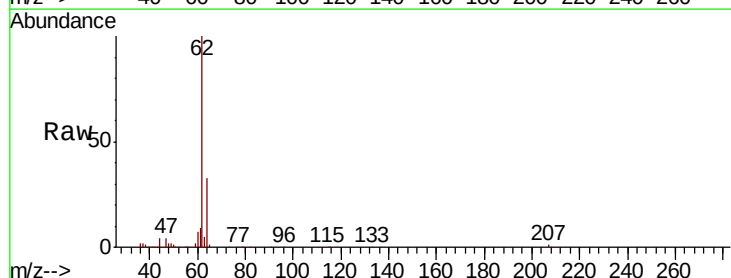
Acq: 02 Jul 2020 13:38

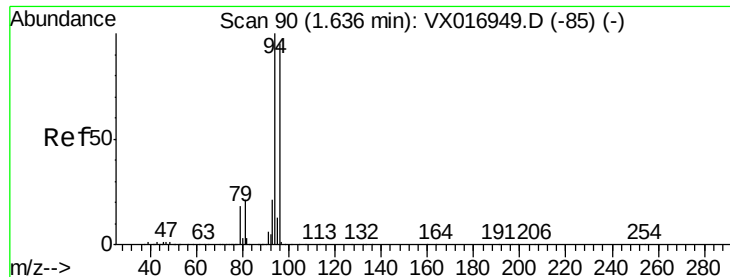
Tgt Ion: 62 Resp: 42664

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

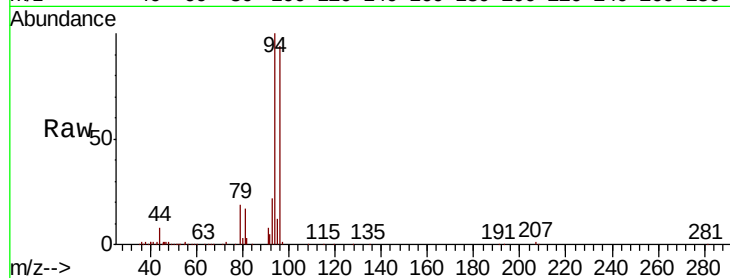
ClientSampled :

Tot Ion: 94 Resp: 29749

Ion Ratio Lower Upper

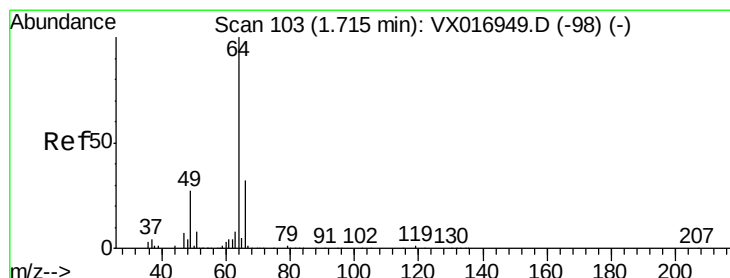
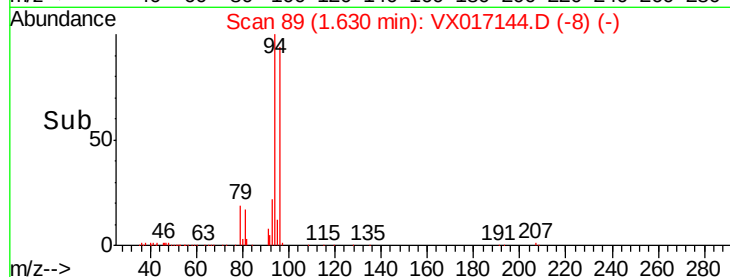
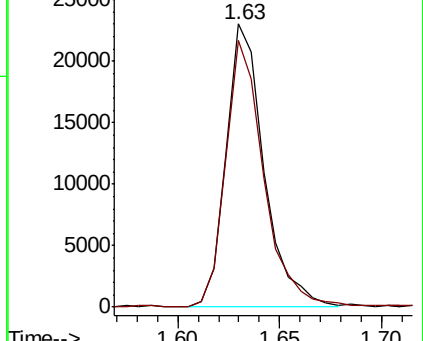
94 100

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

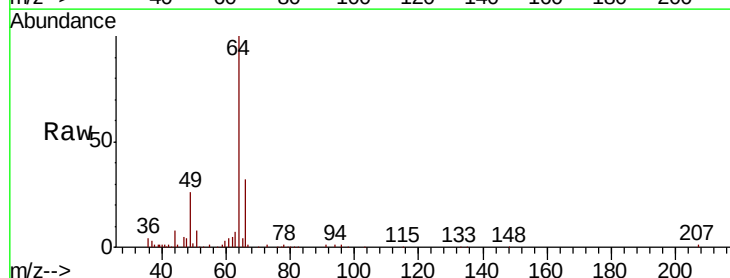
Acq: 02 Jul 2020 13:38

Tgt Ion: 64 Resp: 27044

Ion Ratio Lower Upper

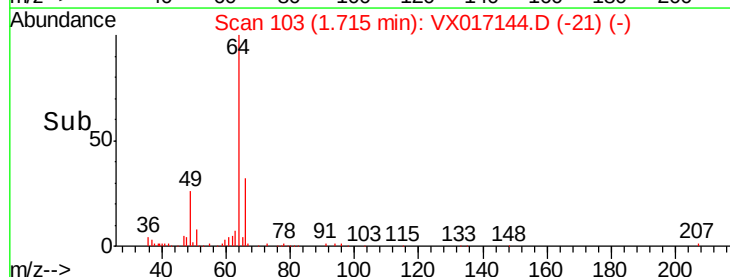
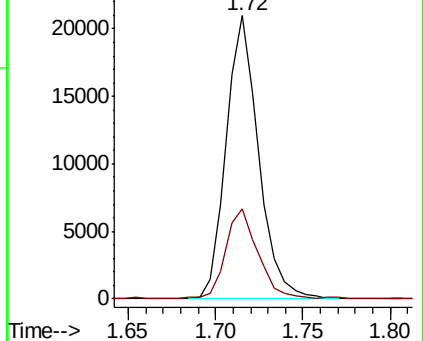
64 100

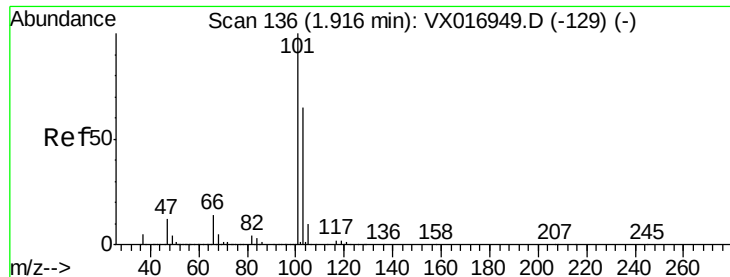
66 31.4 26.1 39.1



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



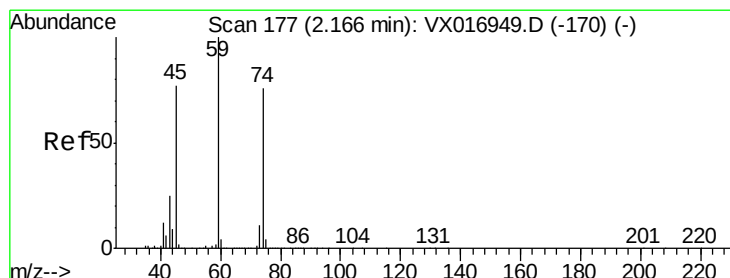
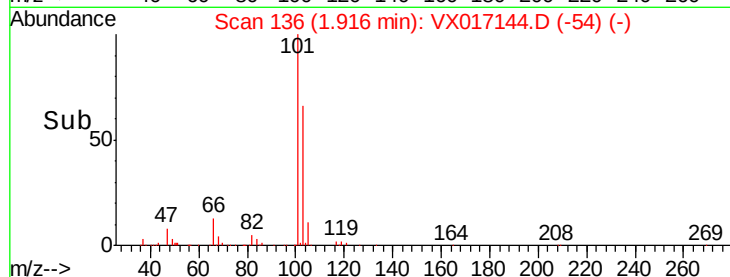
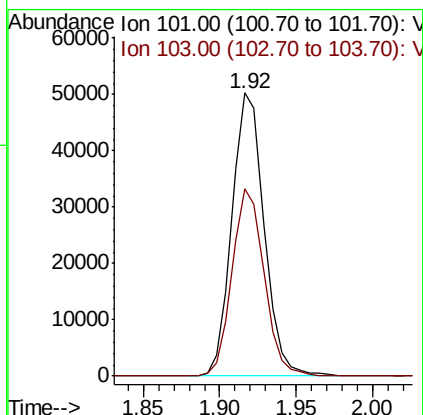
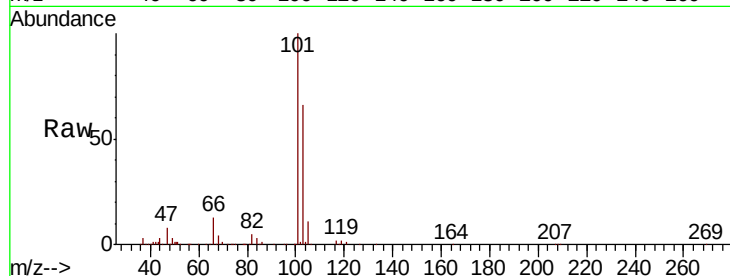


#7

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 :
MSVOA_X
ClientSampled :

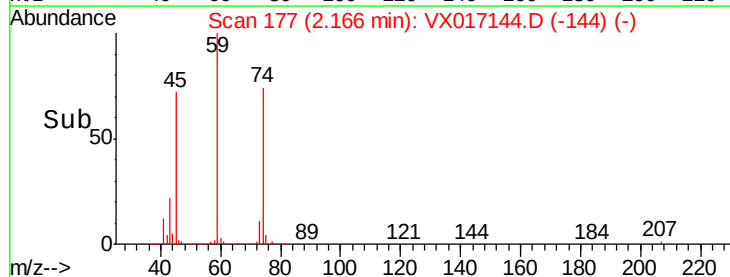
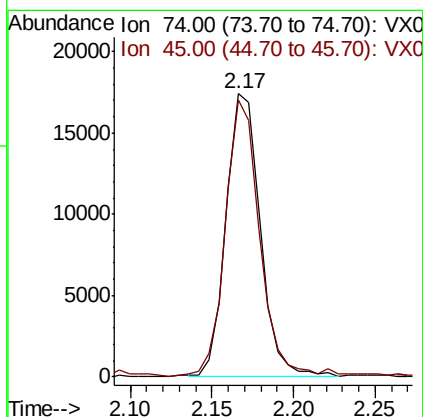
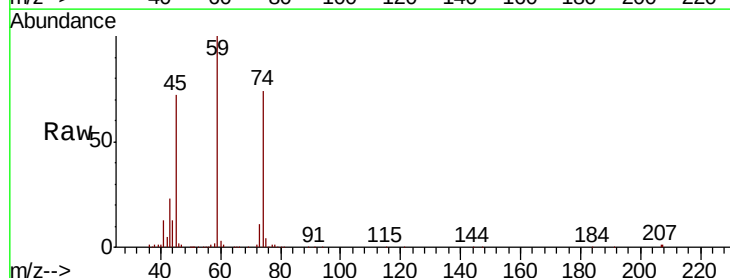
Tot Ion:101 Resp: 73386
Ion Ratio Lower Upper
101 100
103 66.4 52.1 78.1

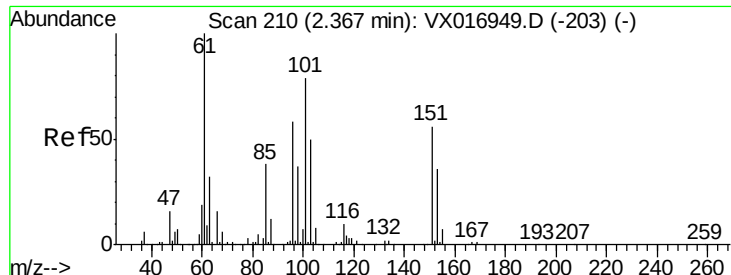


#8

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 :

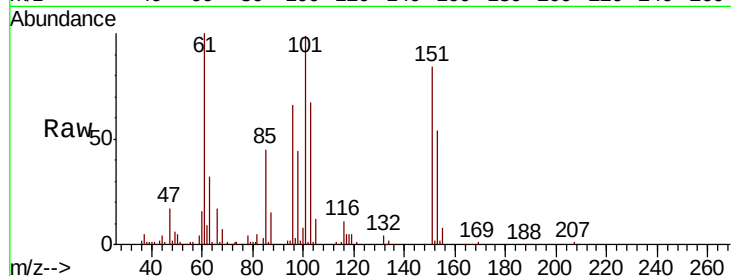
Tot Ion:101 Resp: 41902

Ion Ratio Lower Upper

101 100

85 43.7 0.0 94.6

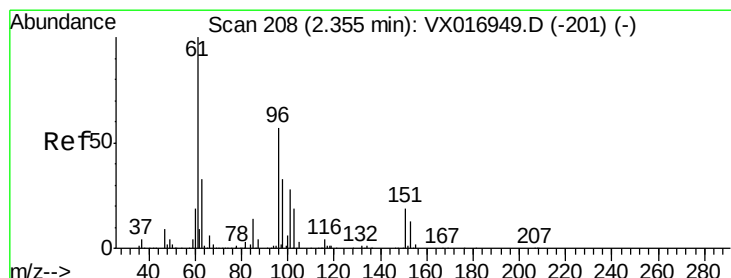
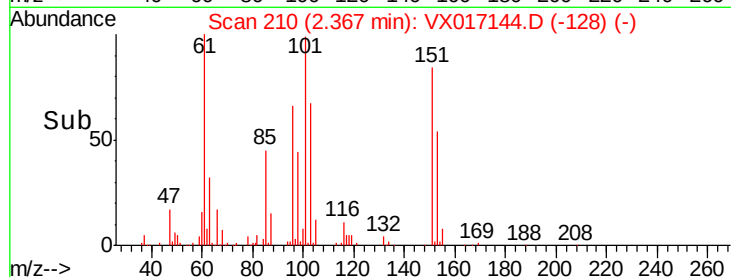
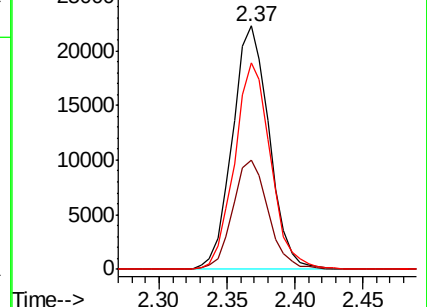
151 83.5 0.0 145.8



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

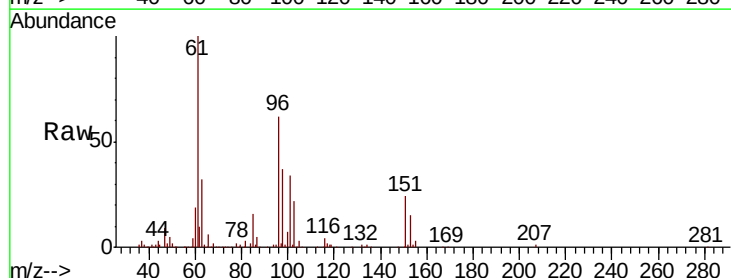
Tgt Ion: 96 Resp: 39518

Ion Ratio Lower Upper

96 100

61 160.6 141.3 211.9

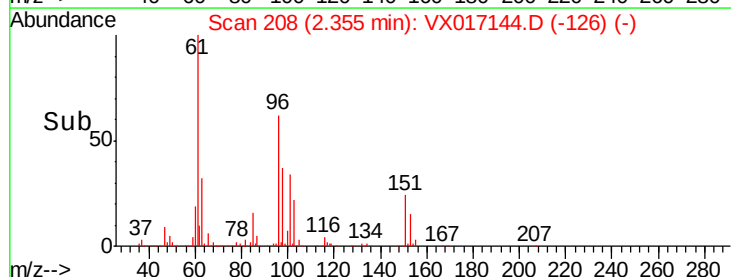
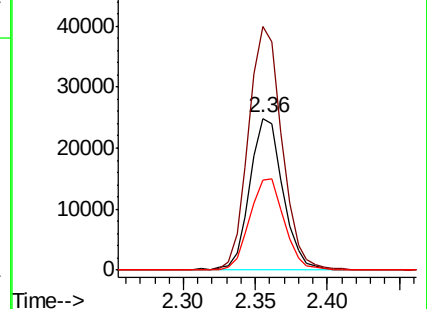
98 59.6 47.0 70.4

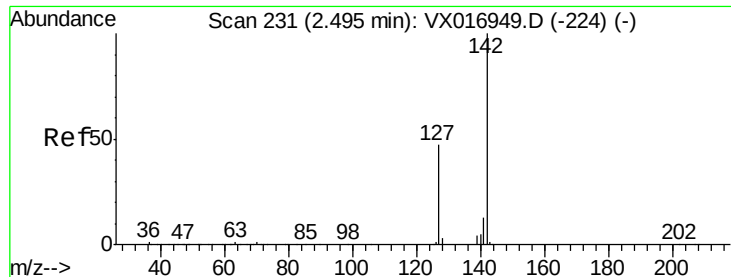


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

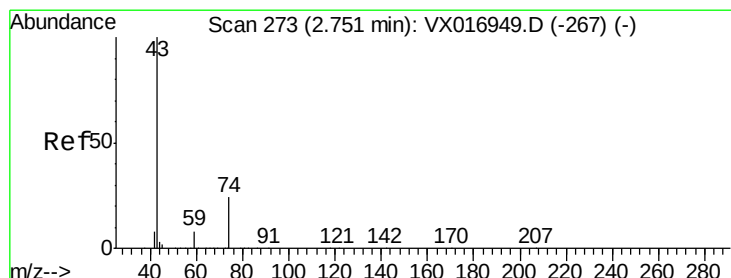
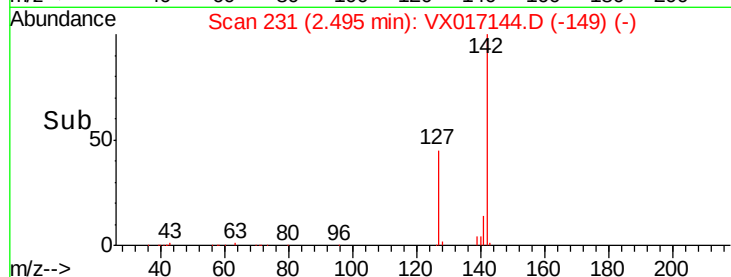
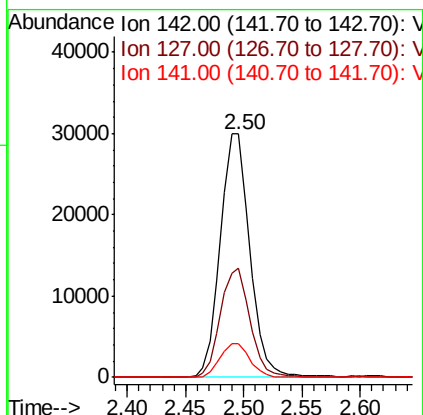
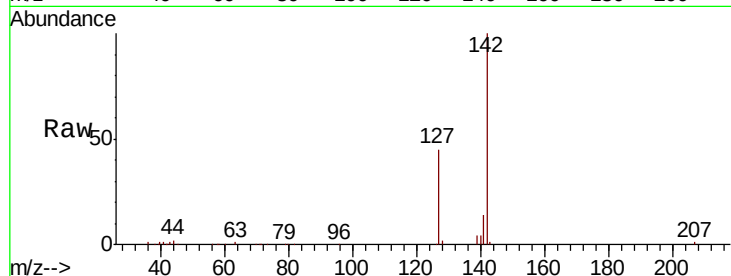




#11
Methyl Iodide
Concen: 16.779 ug/l
RT: 2.50 min Scan# 231
Delta R.T. 0.00 min
Lab File: VX017144.D
Acq: 02 Jul 2020 13:38

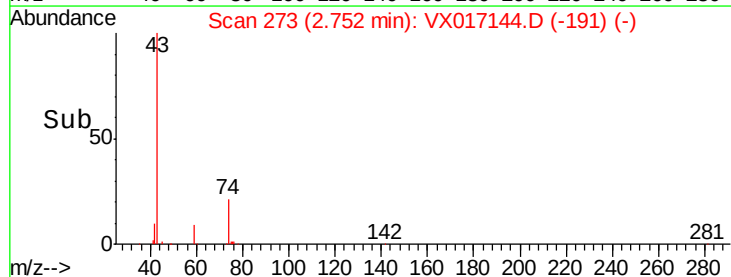
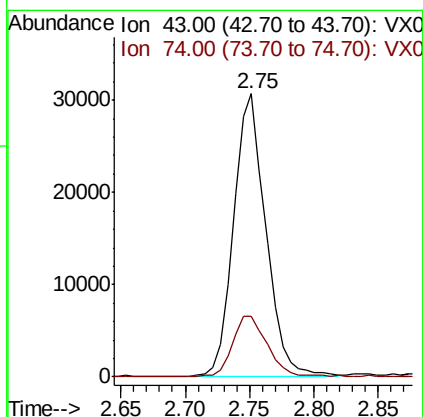
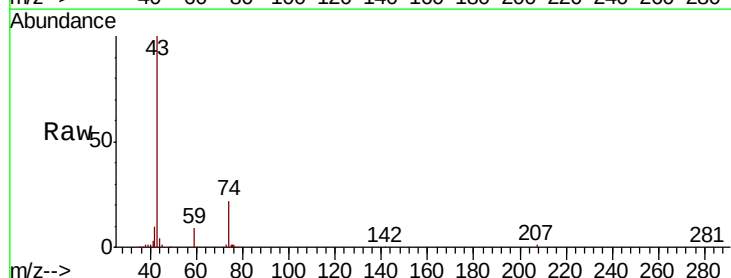
Instrument :
MSVOA_X
ClientSampleId :

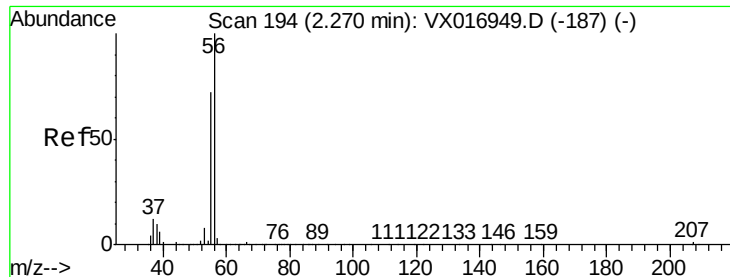
Tot Ion:142 Resp: 52854
Ion Ratio Lower Upper
142 100
127 45.1 23.3 69.9
141 13.6 6.7 20.1



#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

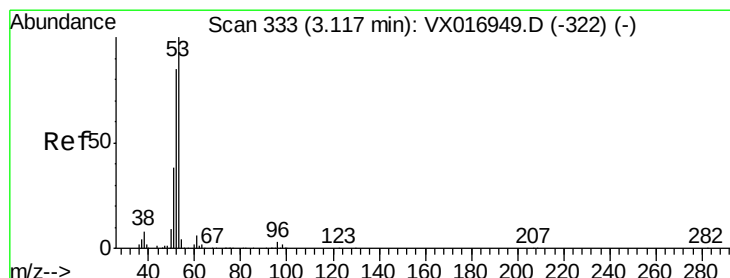
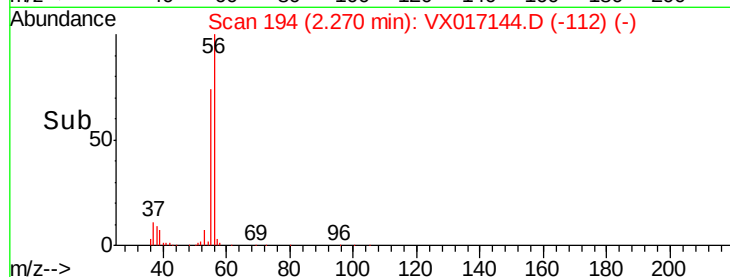
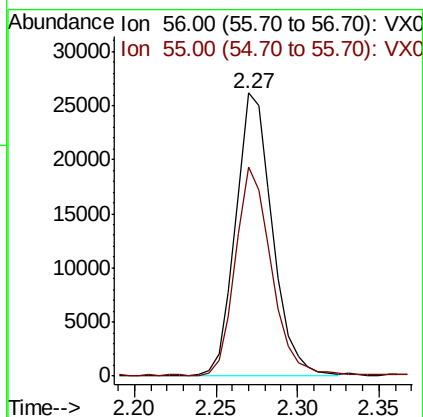
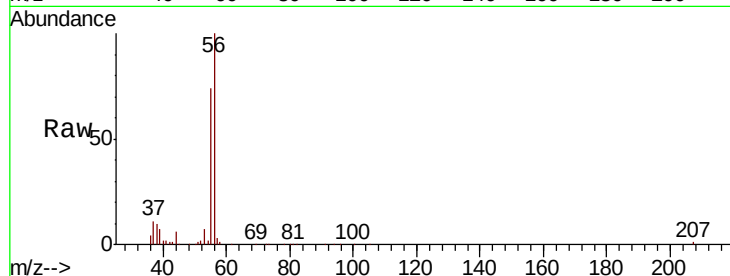
Instrument :
MSVOA_X
ClientSampleId :

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

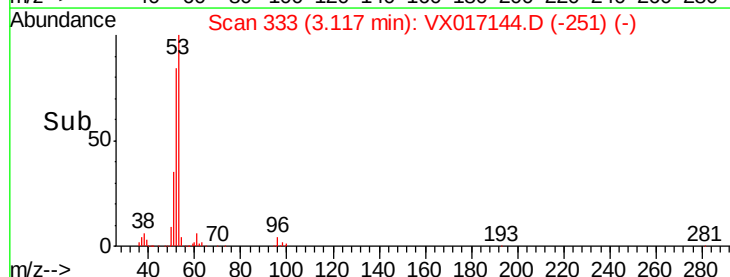
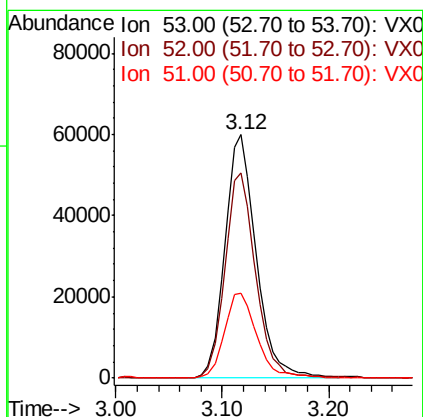
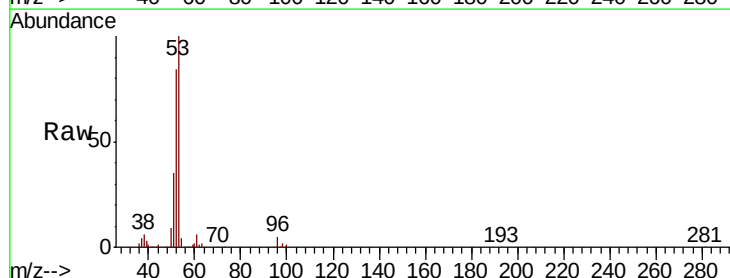
Tgt Ion: 53 Resp: 123150

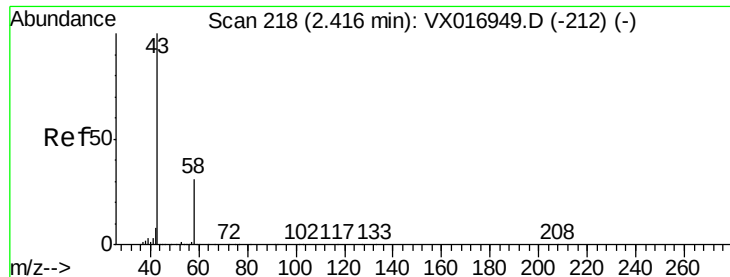
Ion Ratio Lower Upper

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

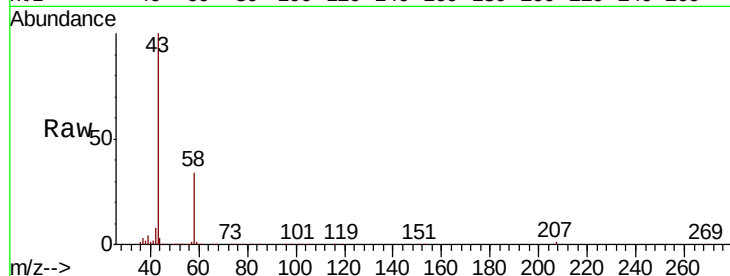
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 58 Resp: 31789

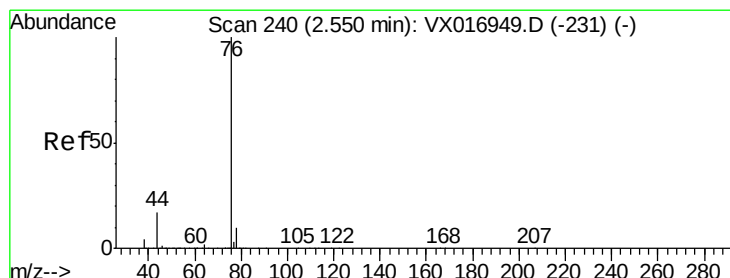
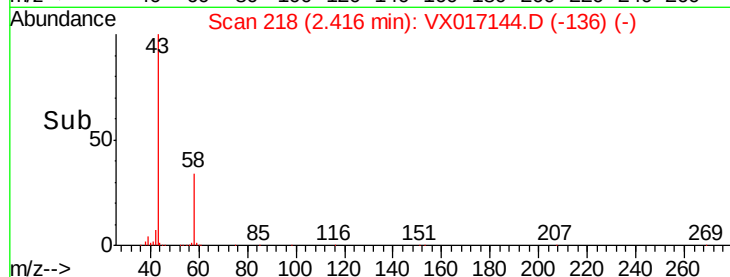
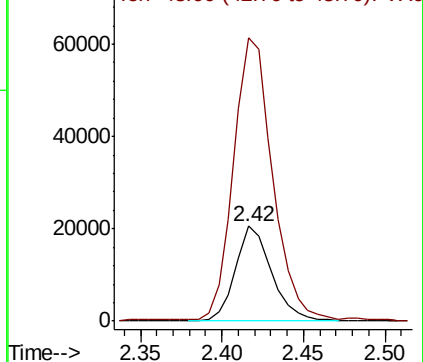
Ion Ratio Lower Upper

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

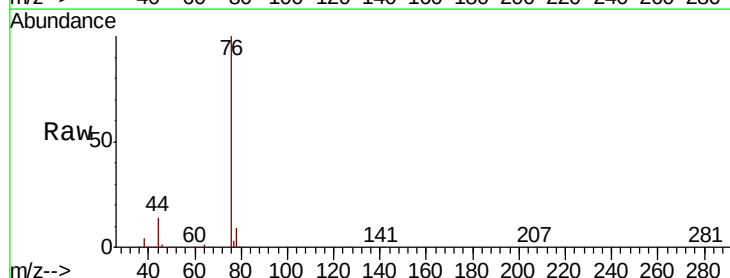
Acq: 02 Jul 2020 13:38

Tgt Ion: 76 Resp: 118925

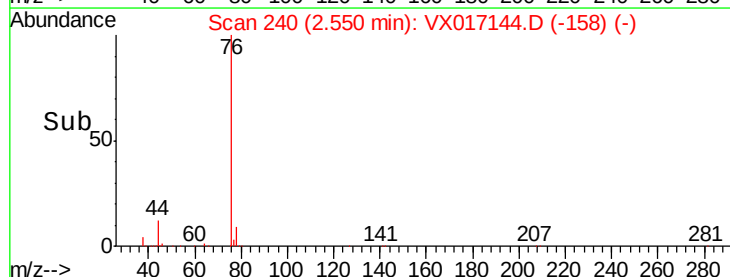
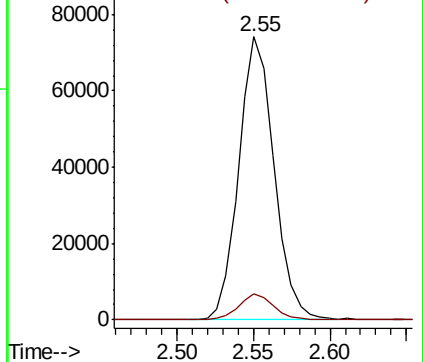
Ion Ratio Lower Upper

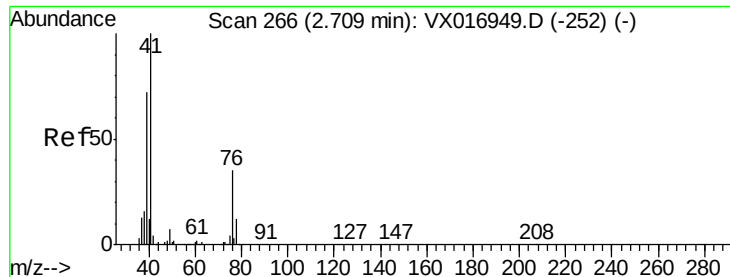
76 100

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

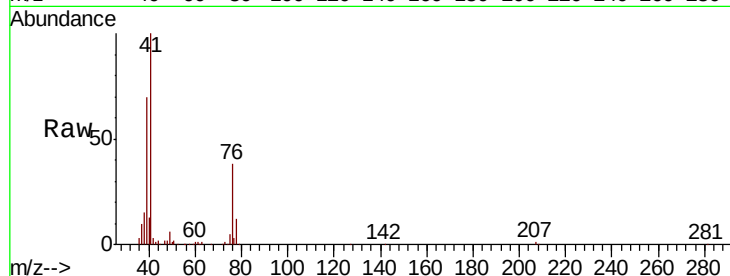




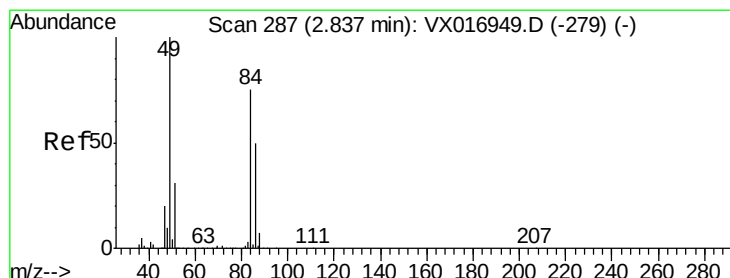
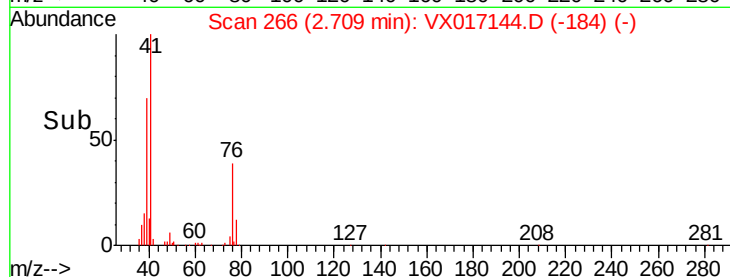
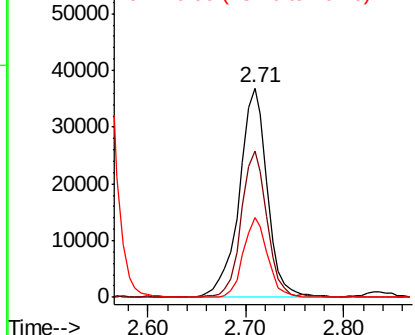
#17
Allvl chloride
Concen: 16.638 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX017144.D
Acq: 02 Jul 2020 13:38

Instrument :
MSVOA_X
ClientSampled :

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

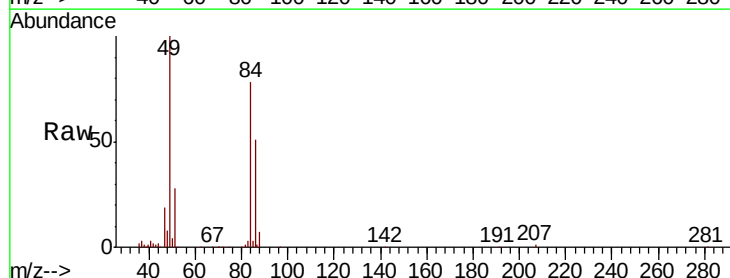


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 76.00 (75.70 to 76.70): VX0

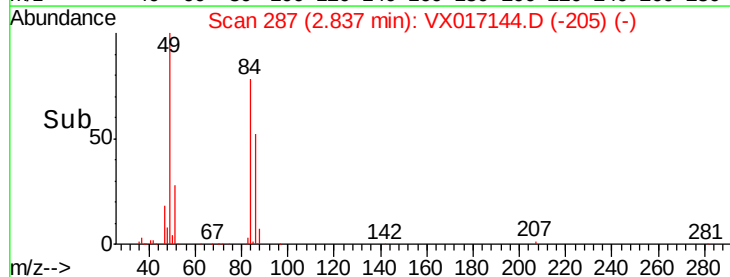
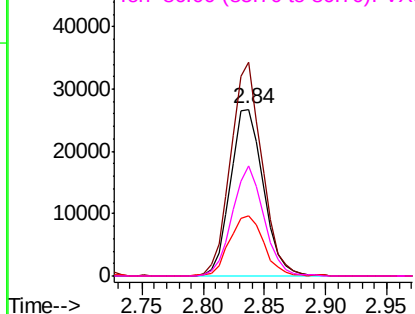


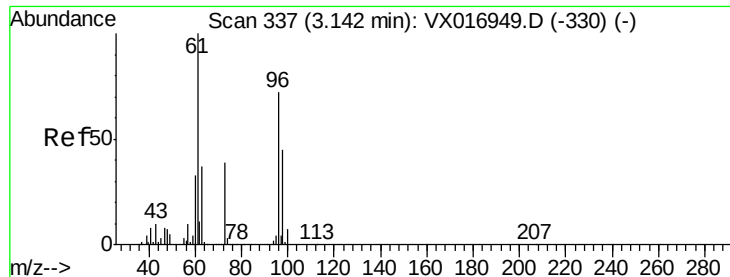
#18
Methylene Chloride
Concen: 17.641 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017144.D
Acq: 02 Jul 2020 13:38

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



Abundance Ion 84.00 (83.70 to 84.70): VX0
Ion 49.00 (48.70 to 49.70): VX0
Ion 51.00 (50.70 to 51.70): VX0
Ion 86.00 (85.70 to 86.70): VX0





#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 :

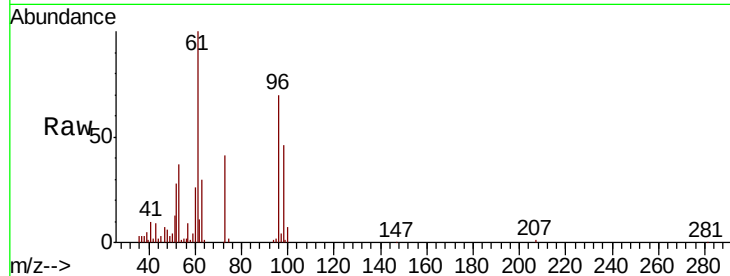
Tot Ion: 96 Resp: 46829

Ion Ratio Lower Upper

96 100

61 142.6 110.6 165.8

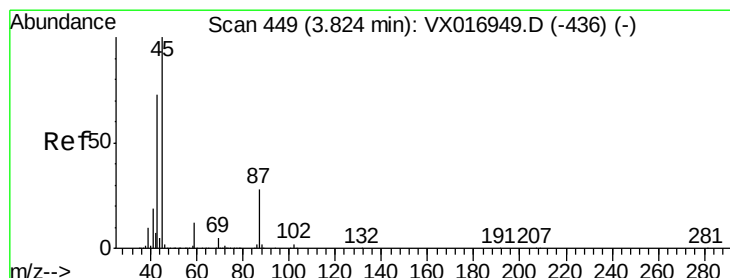
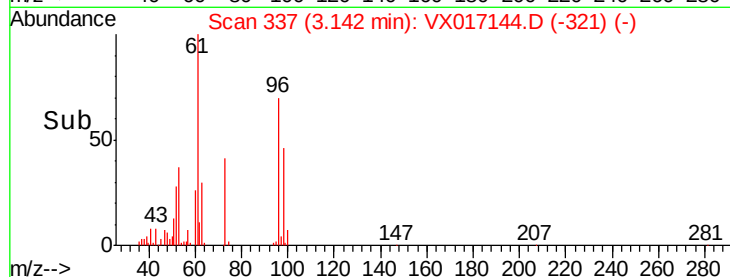
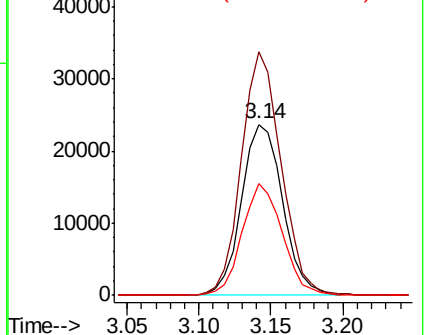
98 65.4 49.8 74.6



Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#20

Diisopropyl ether

Concen: 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

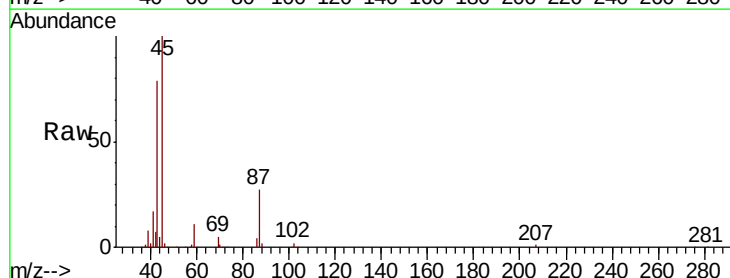
Ion Ratio Lower Upper

45 100

43 77.9 63.9 95.9

87 27.4 22.2 33.4

59 11.1 9.8 14.6

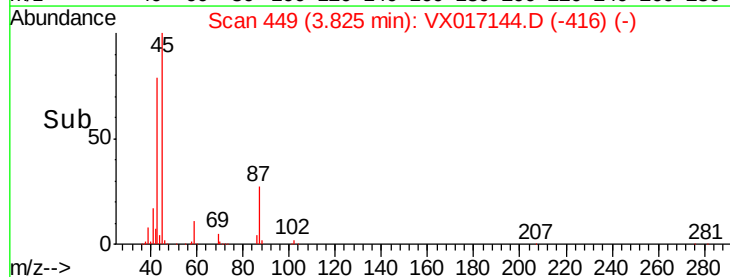
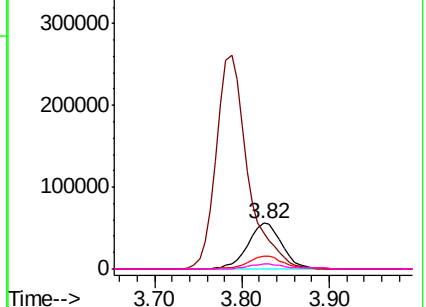


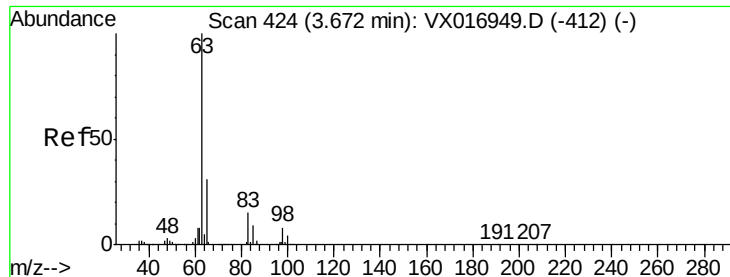
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#21

1,1-Dichloroethane

Concen: 17.023 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 :

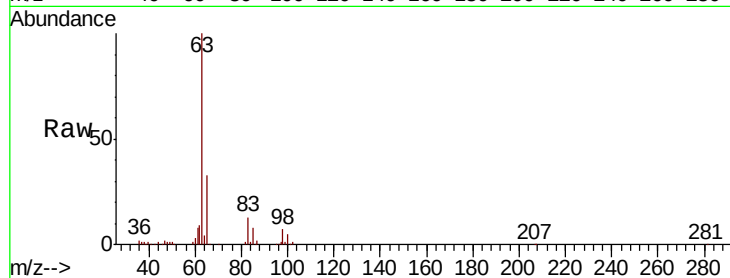
Tot Ion: 63 Resp: 82843

Ion Ratio Lower Upper

63 100

98 7.3 3.8 11.4

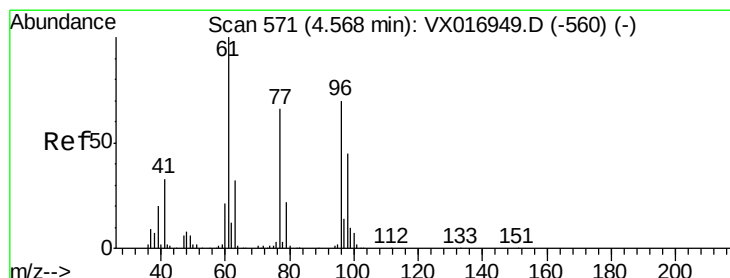
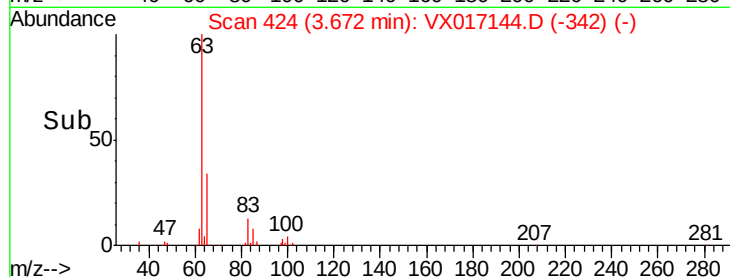
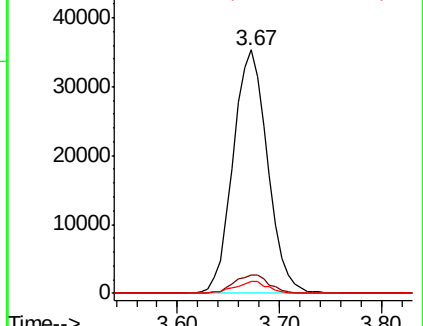
100 4.7 2.2 6.6



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

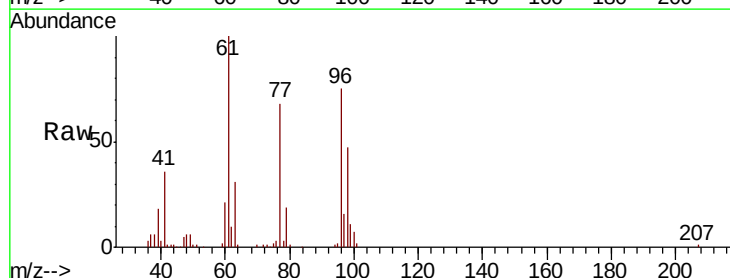
Tgt Ion: 96 Resp: 52170

Ion Ratio Lower Upper

96 100

61 143.9 120.8 181.2

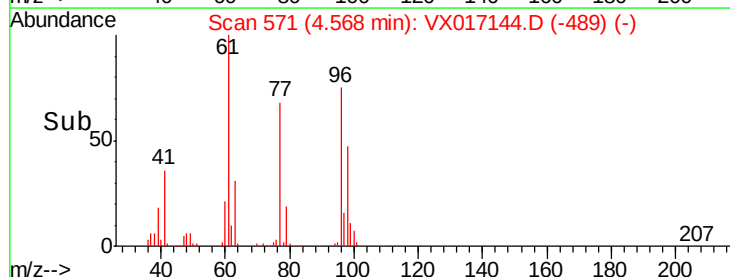
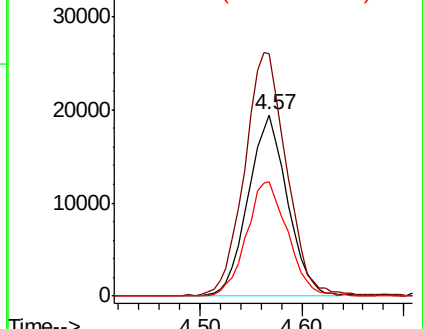
98 65.9 51.7 77.5

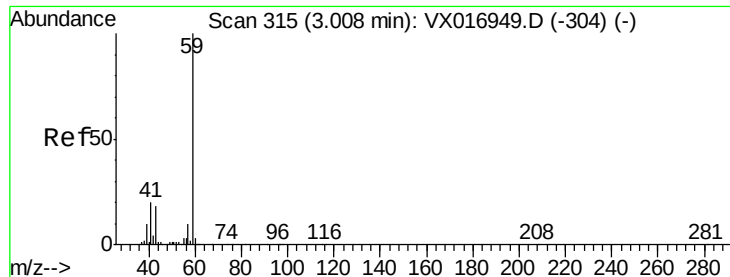


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



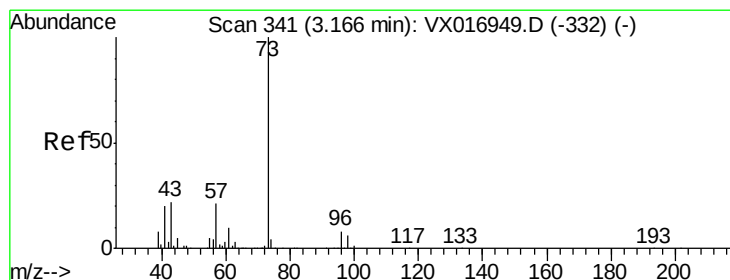
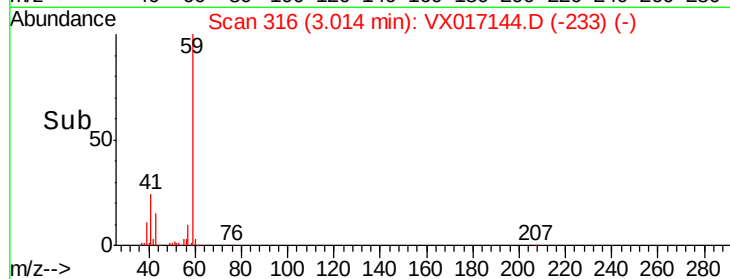
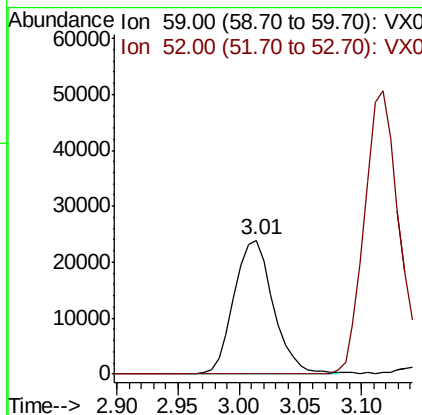
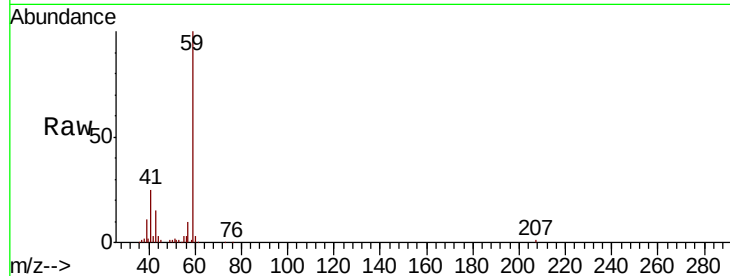


#23

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
 ClientSampled :

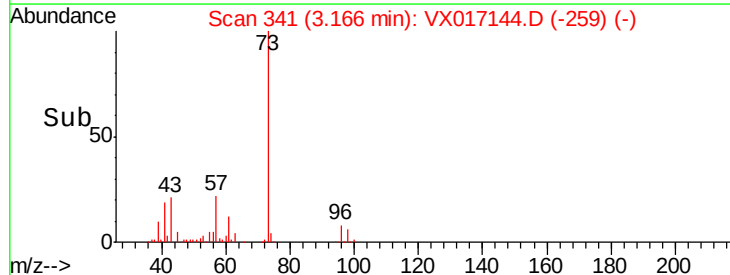
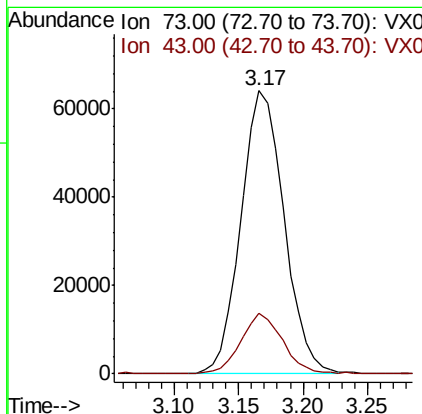
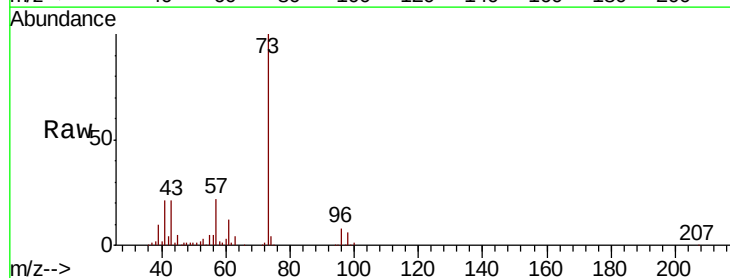
Tot Ion: 59 Resp: 53329
 Ion Ratio Lower Upper
 59 100
 52 0.3 0.1 0.1#

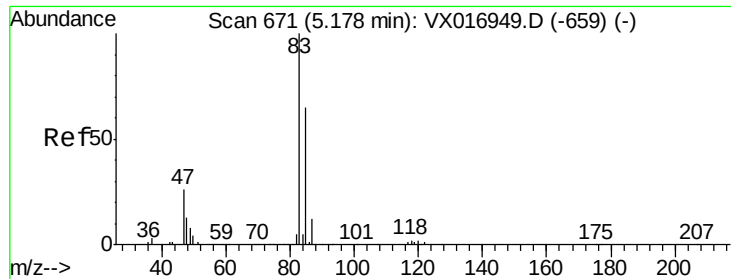


#24

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

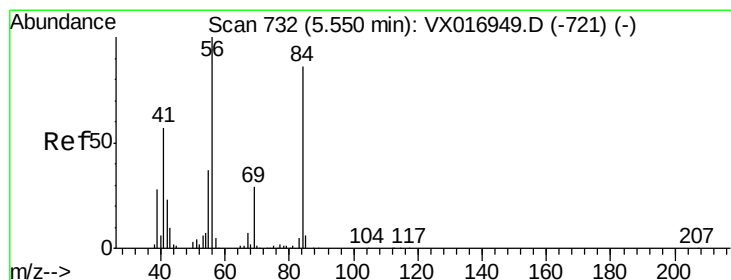
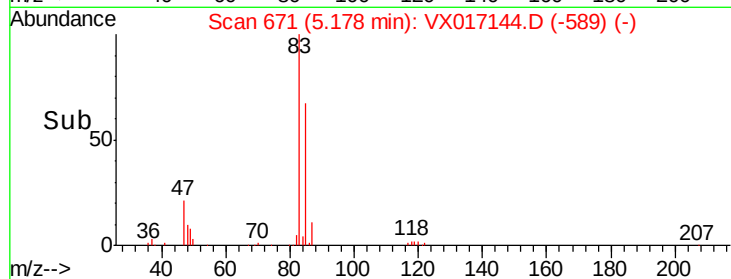
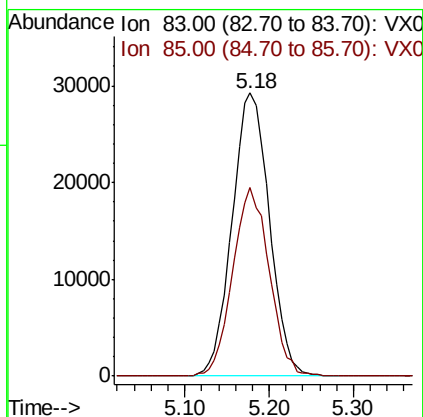
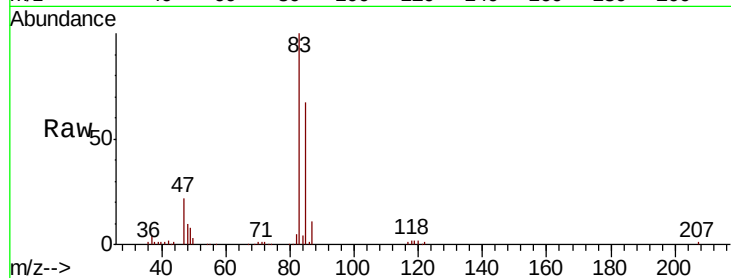




#25
Chloroform
Concen: 17.809 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX017144.D
Acq: 02 Jul 2020 13:38

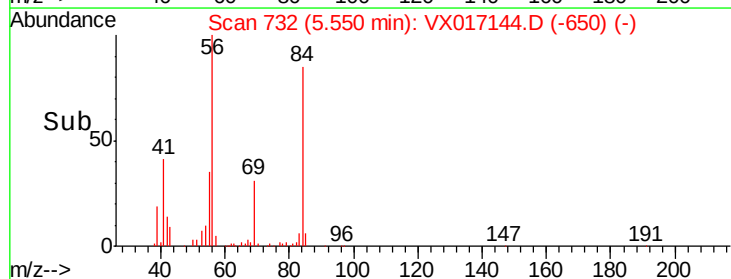
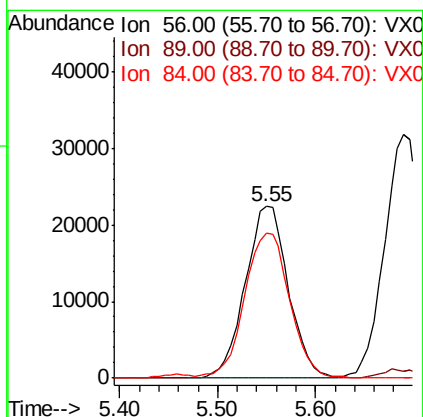
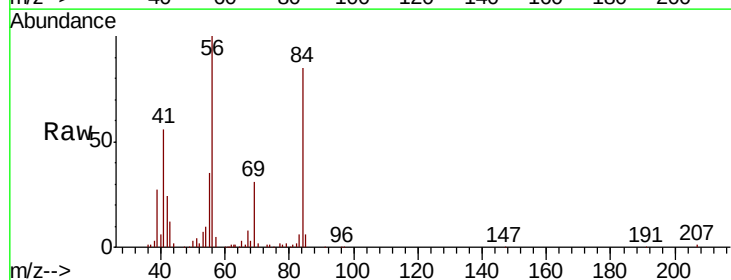
Instrument :
MSVOA_X
ClientSampleId :

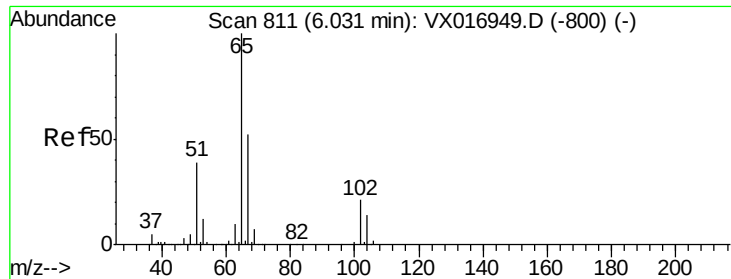
Tot Ion: 83 Resp: 87872
Ion Ratio Lower Upper
83 100
85 66.9 52.1 78.1



#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

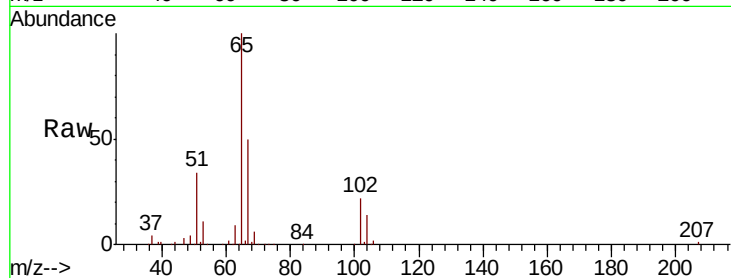
ClientSampleId :

Tot Ion: 65 Resp: 89854

Ion Ratio Lower Upper

65 100

67 51.5 41.5 62.3



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

6.03

40000

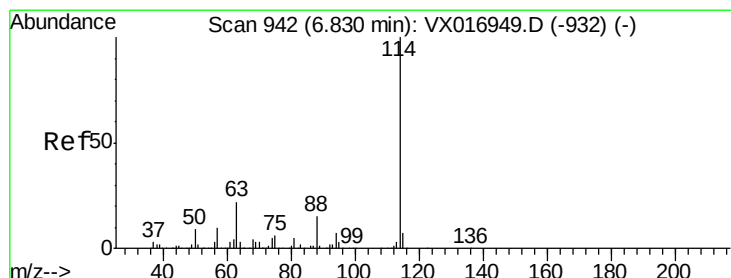
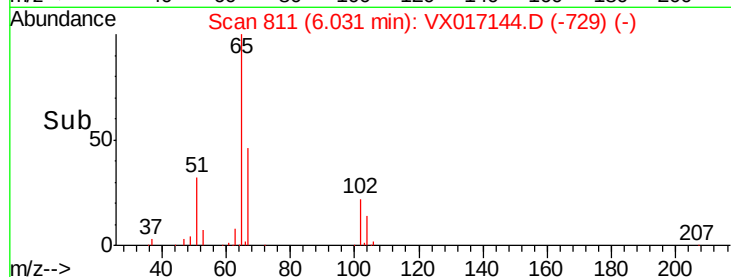
30000

20000

10000

0

Time--> 5.90 6.00 6.10



#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

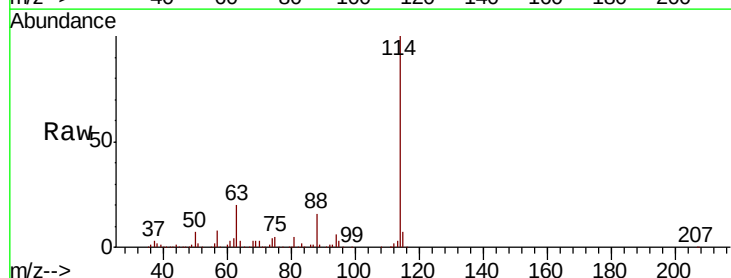
Tgt Ion: 114 Resp: 209043

Ion Ratio Lower Upper

114 100

63 20.5 17.4 26.2

88 15.8 13.0 19.6



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

120000

100000

80000

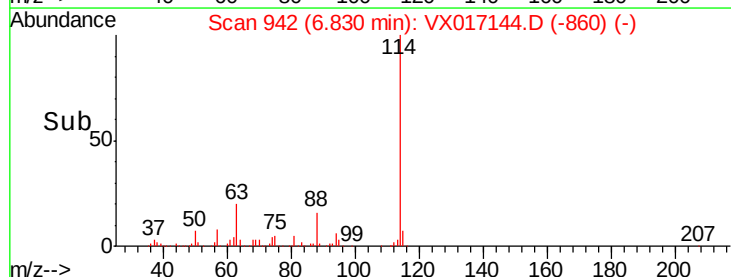
60000

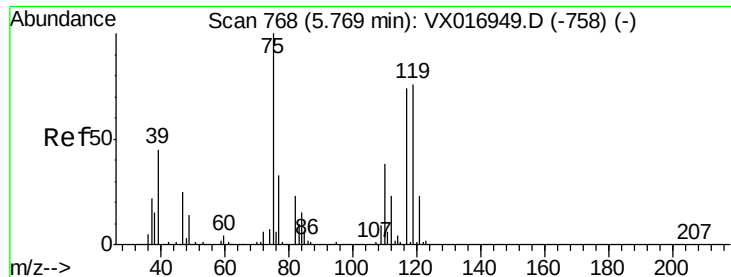
40000

20000

0

Time--> 6.70 6.80 6.90





#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
ClientSampled :

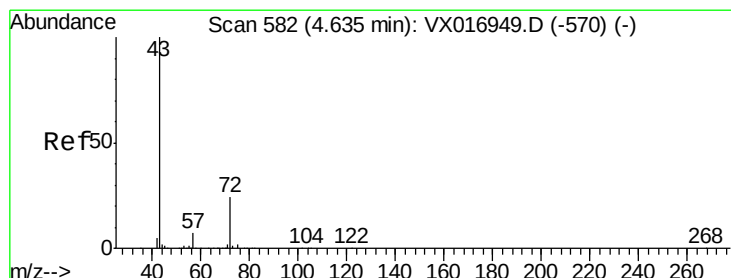
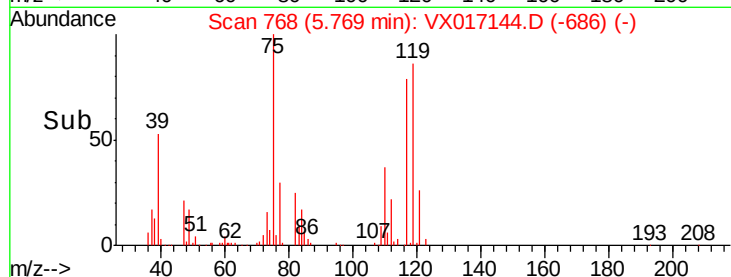
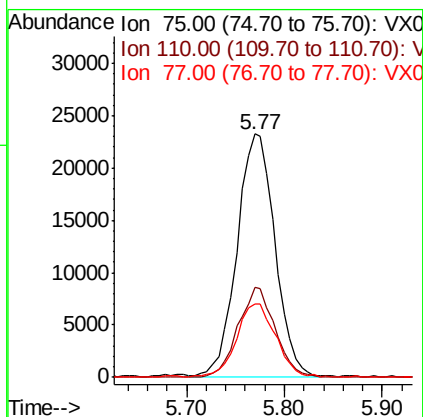
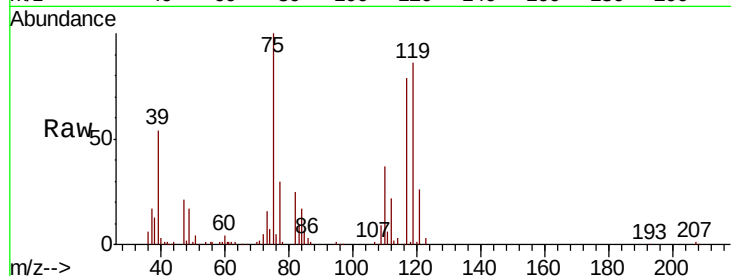
Tot Ion: 75 Resp: 62899

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

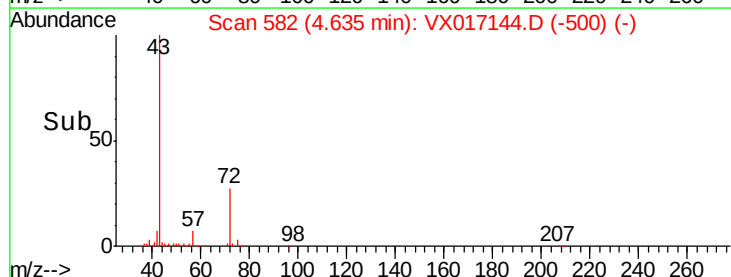
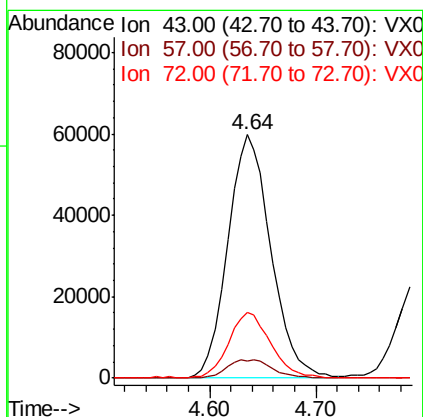
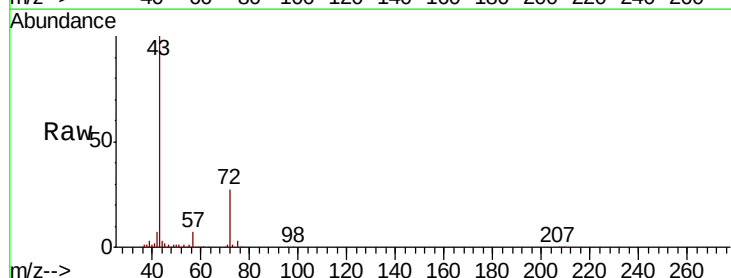
Tgt Ion: 43 Resp: 167870

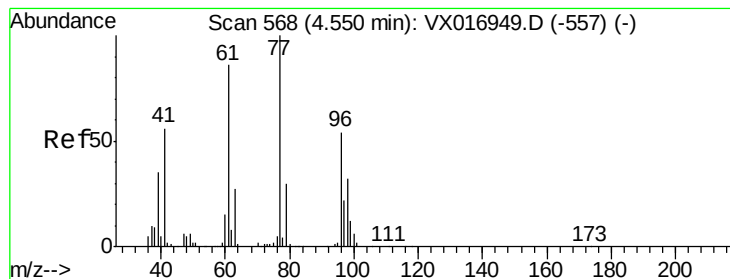
Ion Ratio Lower Upper

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

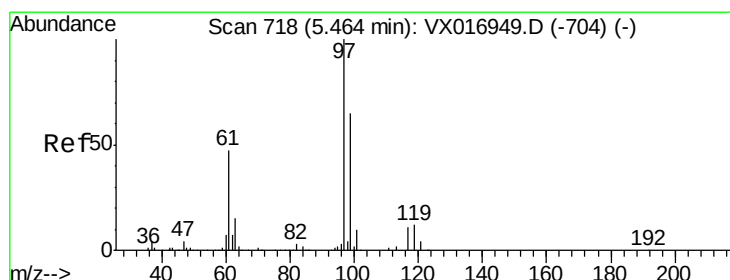
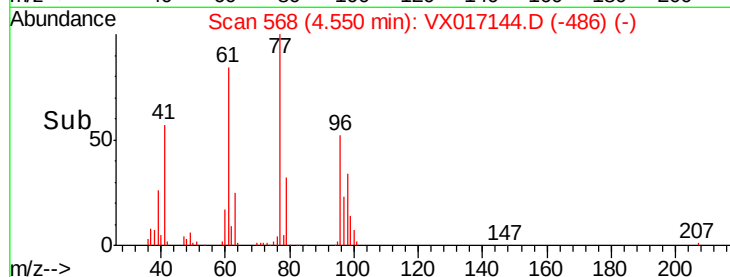
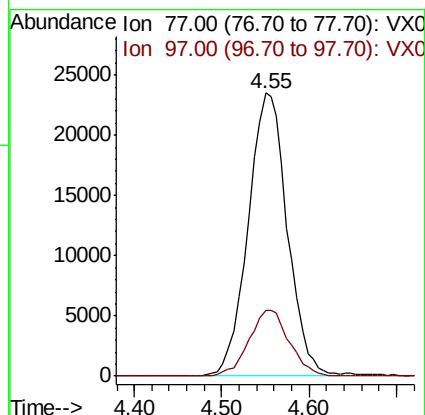
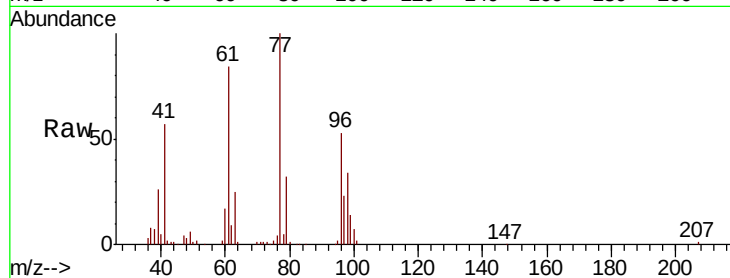
ClientSampleId :

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

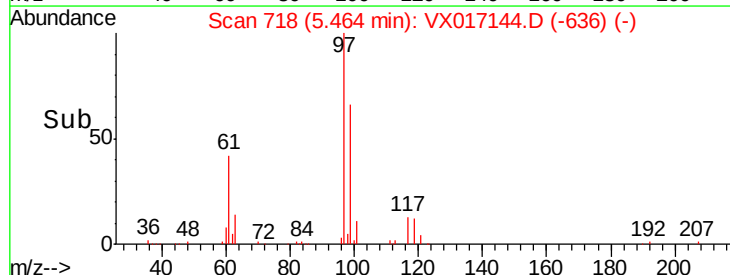
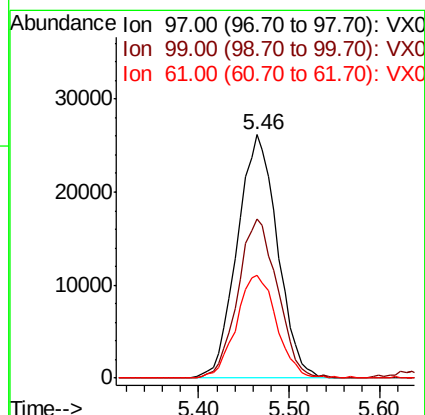
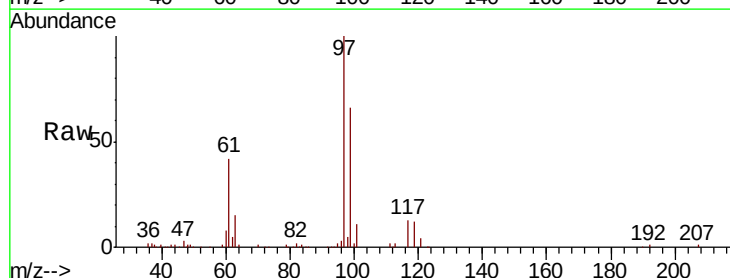
Tgt Ion: 97 Resp: 80558

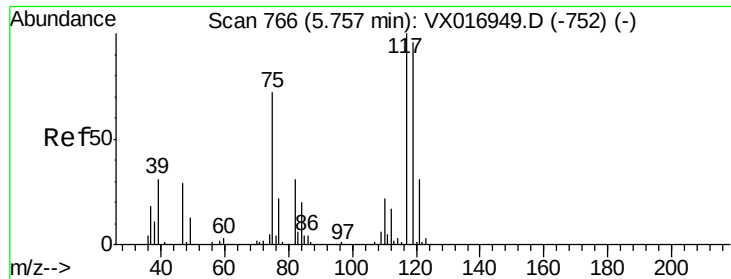
Ion Ratio Lower Upper

97 100

99 64.0 52.2 78.2

61 42.2 36.9 55.3

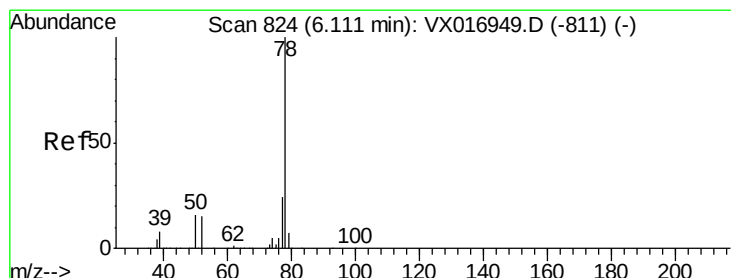
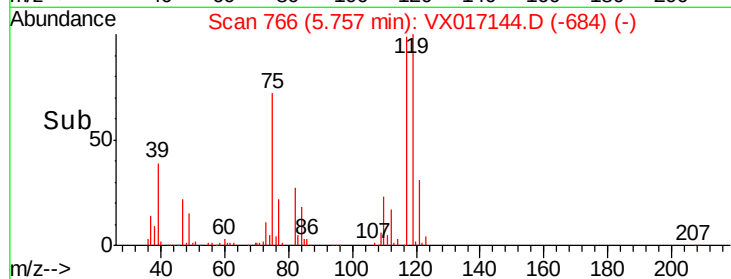
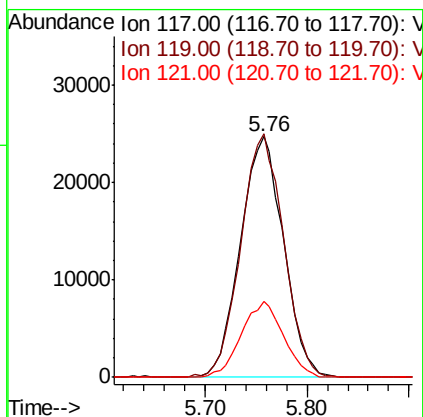
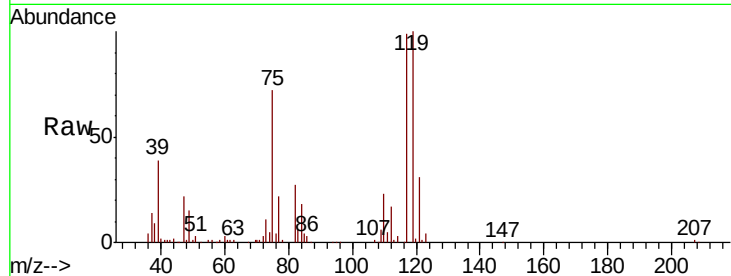




#33
Carbon Tetrachloride
Concen: 19.869 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX017144.D
Acq: 02 Jul 2020 13:38

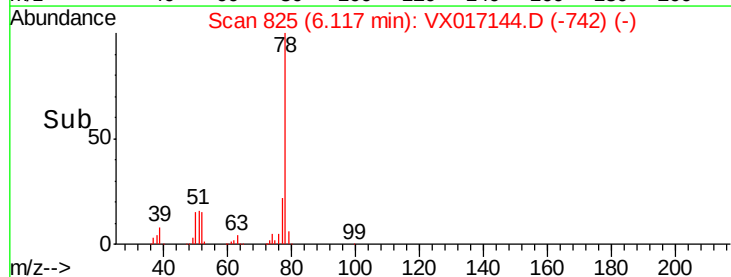
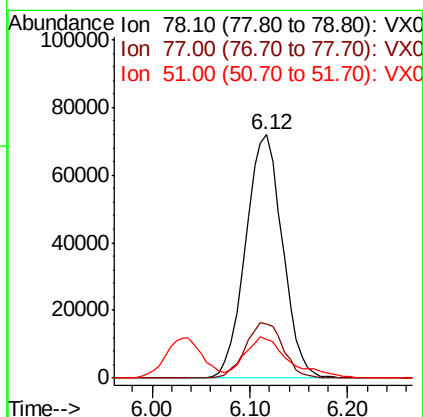
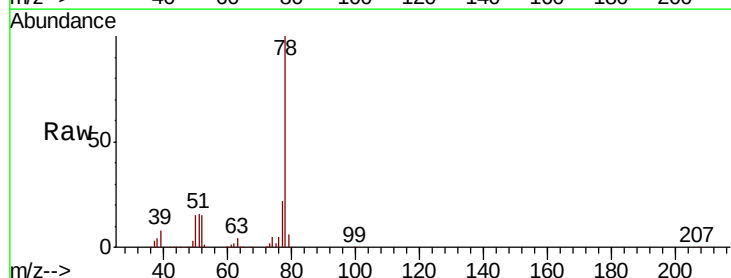
Instrument :
MSVOA_X
ClientSampleId :

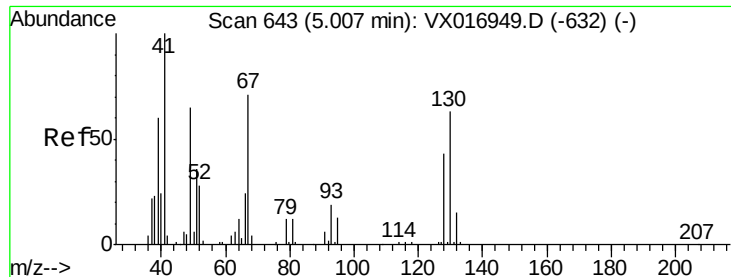
Tot Ion:117 Resp: 72606
Ion Ratio Lower Upper
117 100
119 101.0 77.0 115.4
121 31.7 25.0 37.4



#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

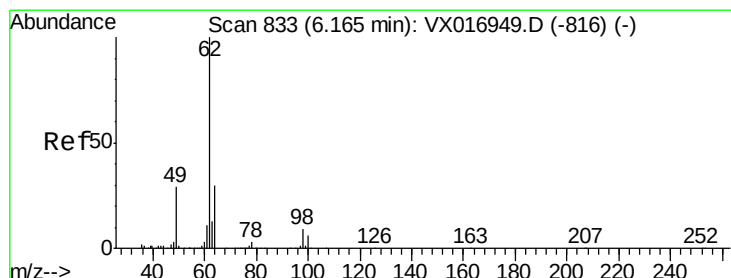
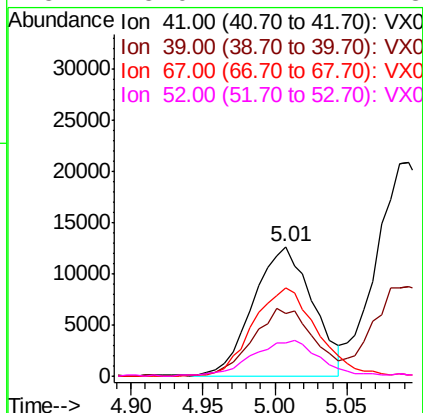
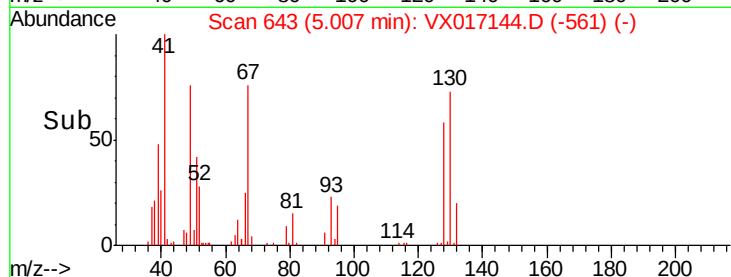
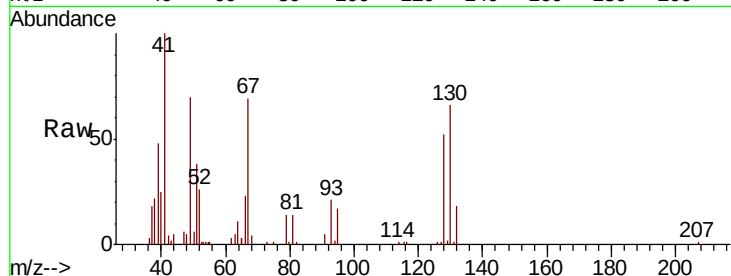




#35
Methacrylonitrile
Concen: 18.594 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.00 min
Lab File: VX017144.D
Acq: 02 Jul 2020 13:38

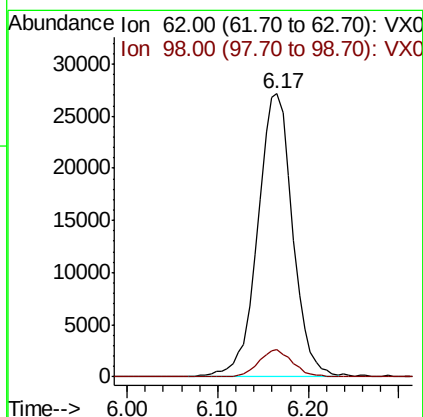
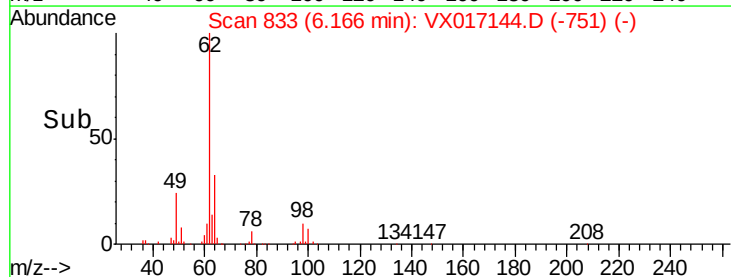
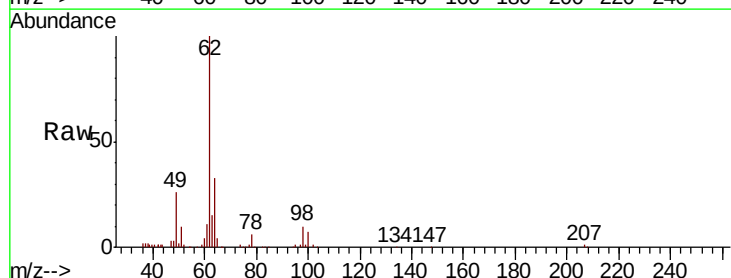
Instrument :
MSVOA_X
ClientSampled :

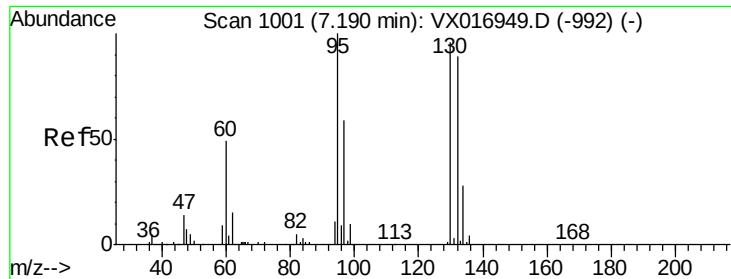
Tot Ion: 41 Resp: 36425
Ion Ratio Lower Upper
41 100
39 48.4 29.8 89.5
67 68.6 35.3 105.9
52 25.0 14.1 42.3



#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

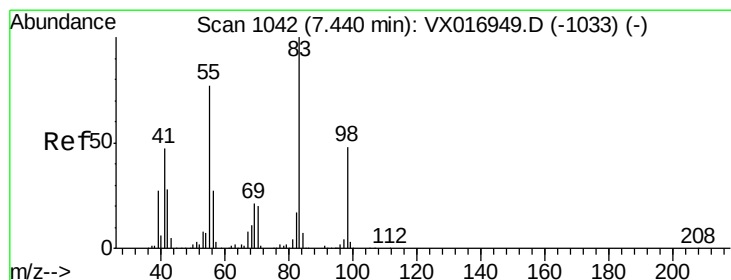
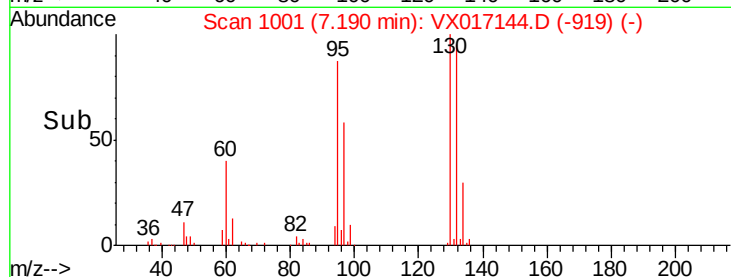
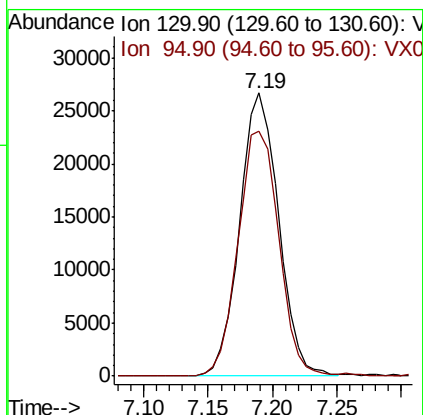
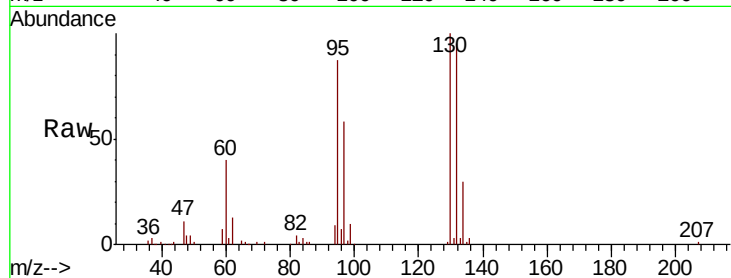




#37
 Trichloroethene
 Concen: 20.631 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX017144.D
 Acq: 02 Jul 2020 13:38

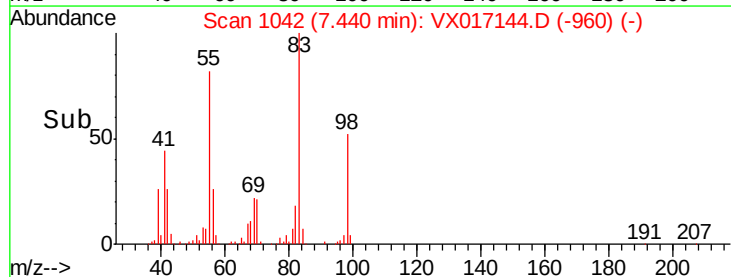
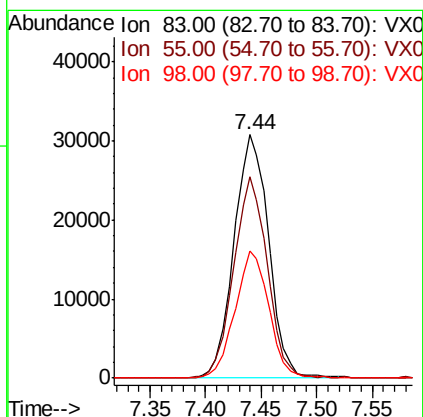
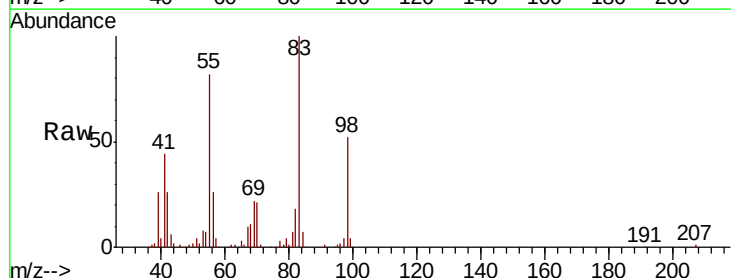
Instrument :
 MSVOA_X
 ClientSampleId :

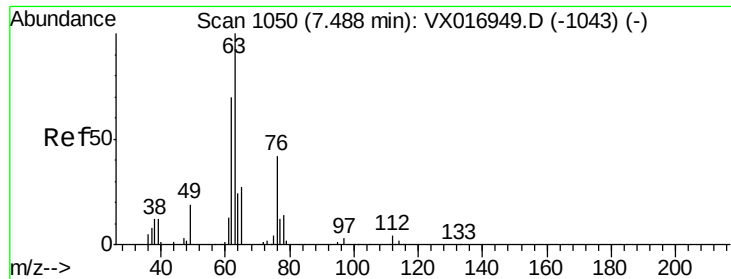
Tot Ion:130 Resp: 55821
 Ion Ratio Lower Upper
 130 100
 95 86.7 83.1 124.7



#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

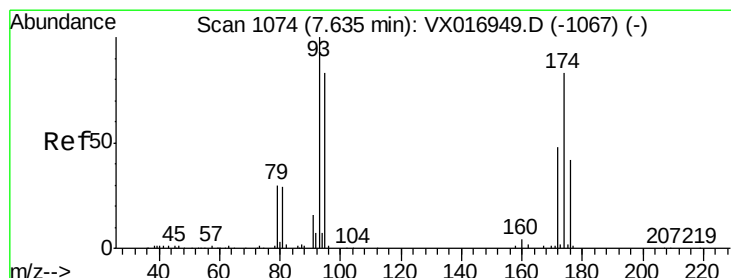
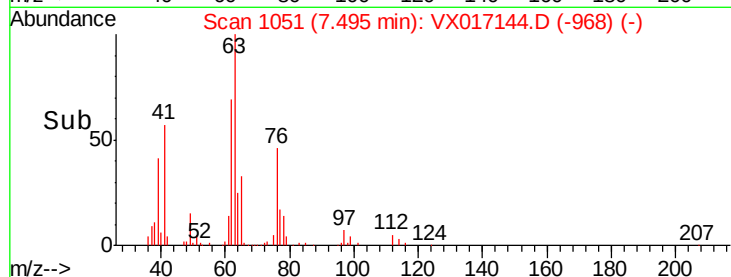
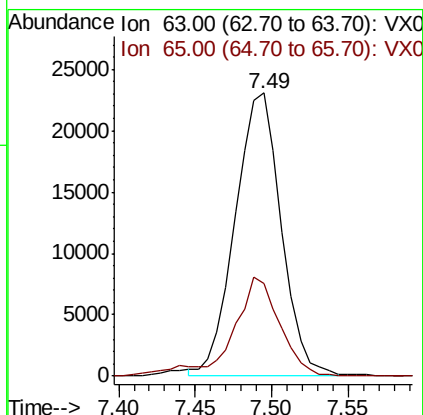
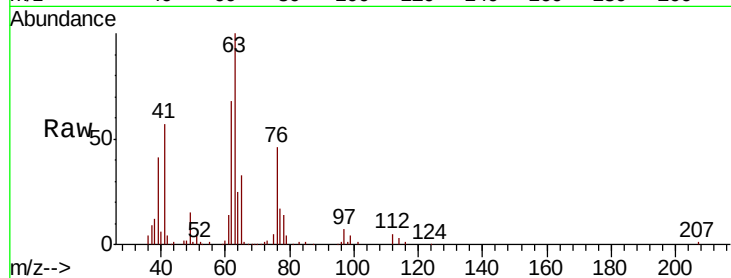
ClientSampled :

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

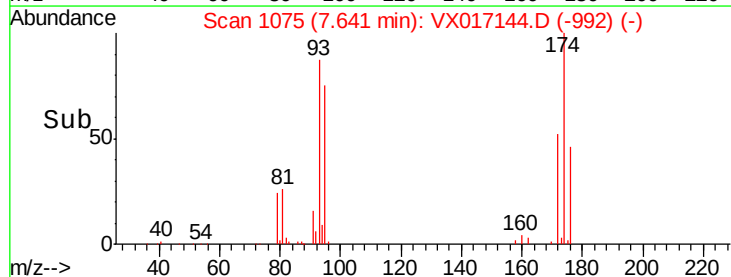
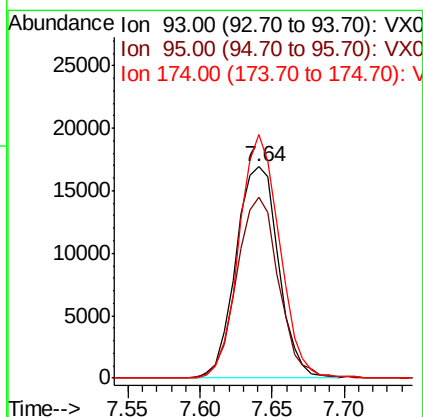
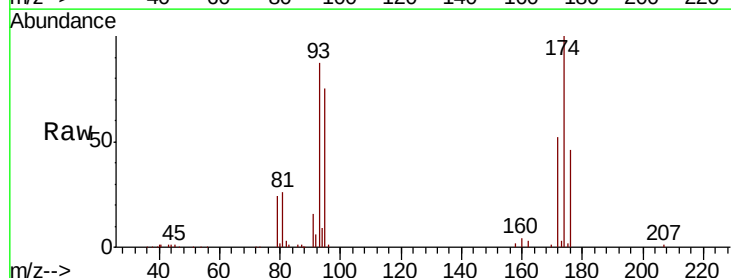
Tgt Ion: 93 Resp: 34816

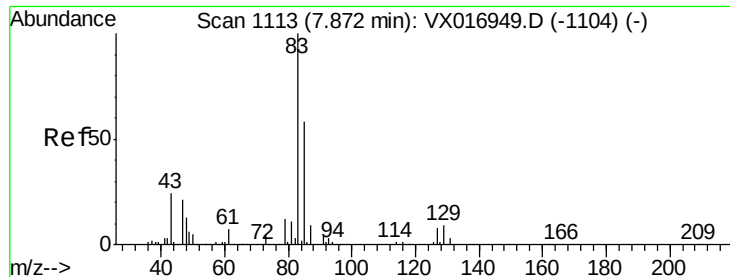
Ion Ratio Lower Upper

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

ClientSampled :

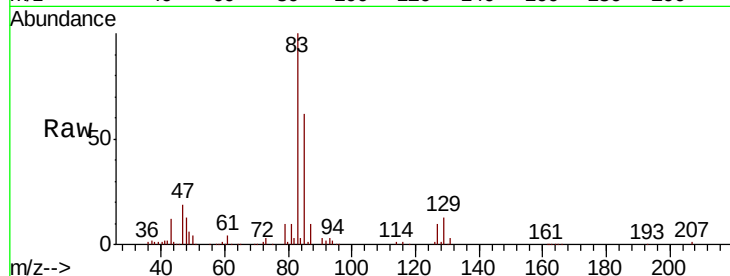
Tot Ion: 83 Resp: 69876

Ion Ratio Lower Upper

83 100

85 62.5 46.7 70.1

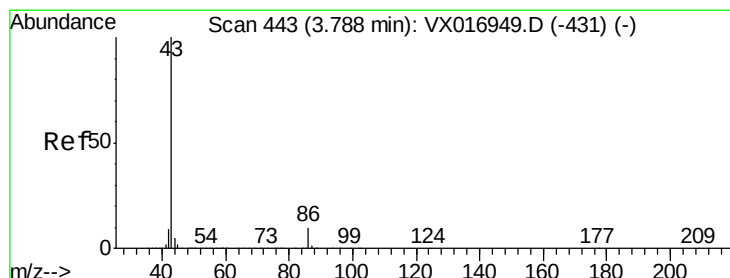
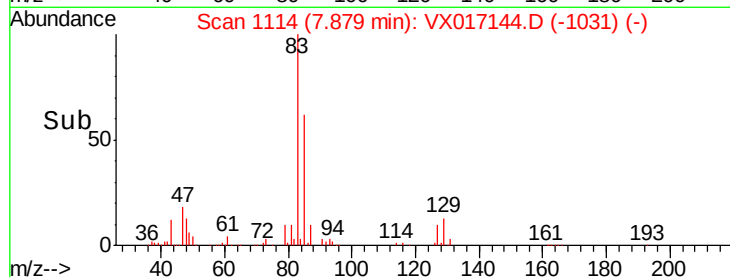
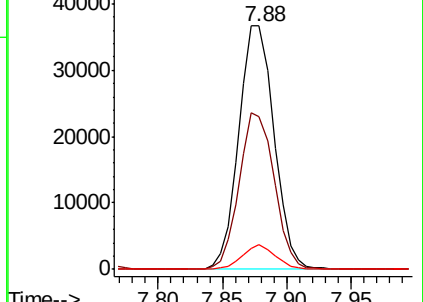
127 10.2 6.5 9.7#



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

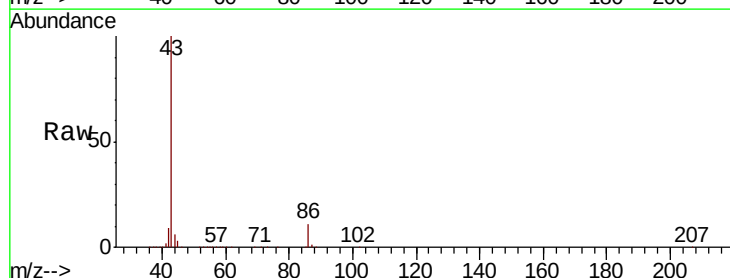
Acq: 02 Jul 2020 13:38

Tgt Ion: 43 Resp: 658238

Ion Ratio Lower Upper

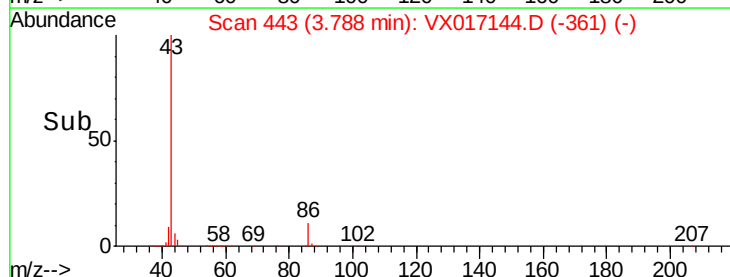
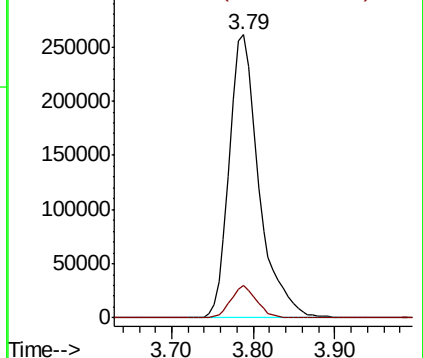
43 100

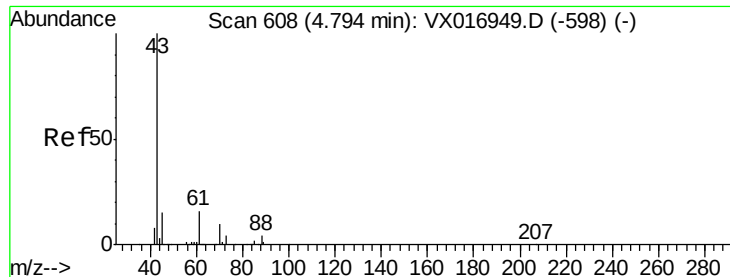
86 9.8 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

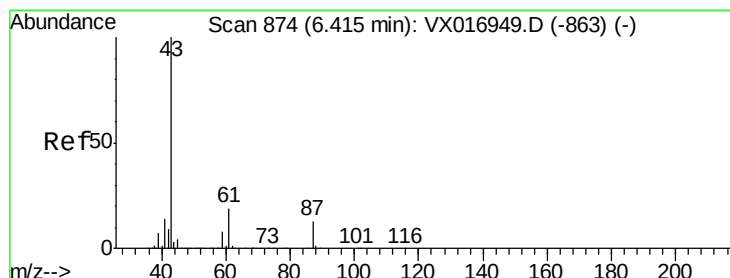
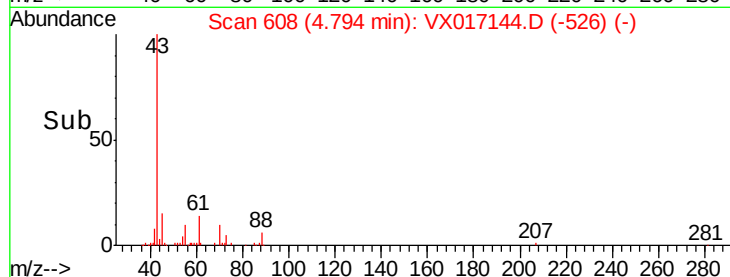
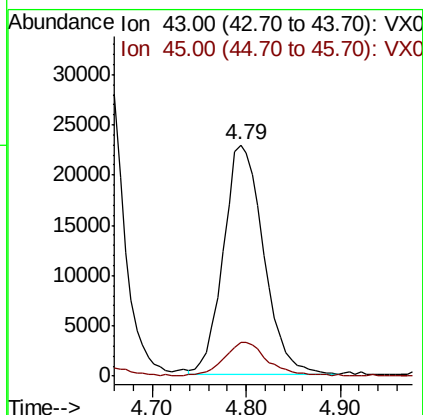
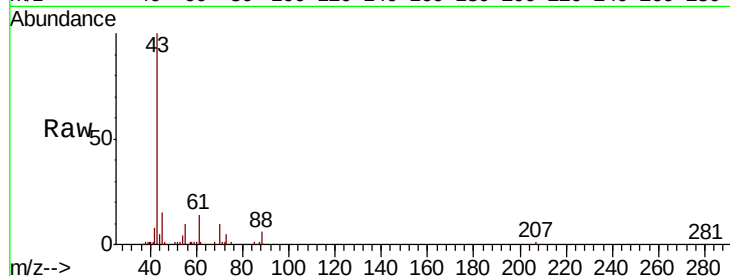




#43
Ethyl Acetate
Concen: 18.477 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX017144.D
Acq: 02 Jul 2020 13:38

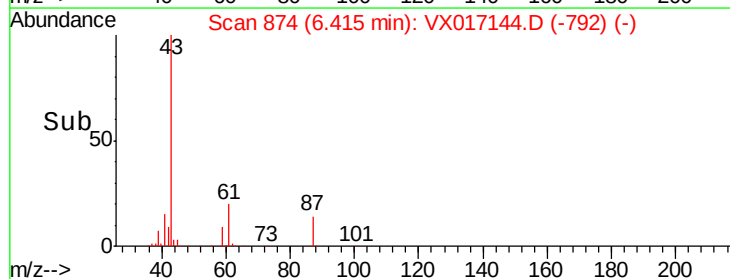
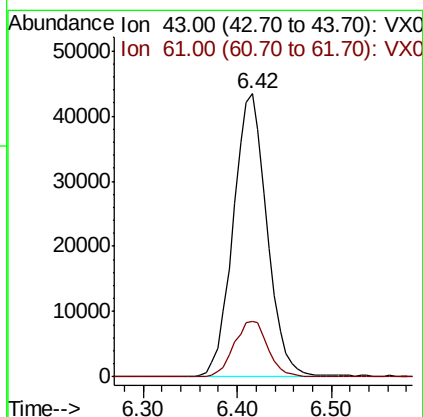
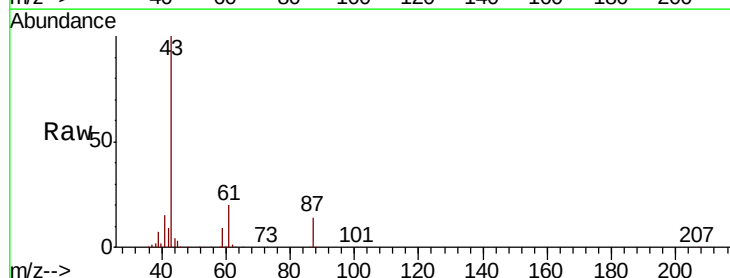
Instrument :
MSVOA_X
ClientSampleId :

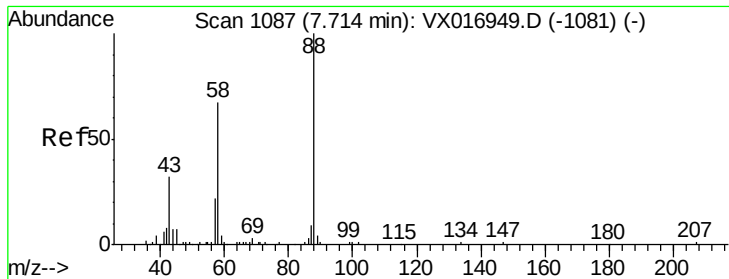
Tot Ion: 43 Resp: 67936
Ion Ratio Lower Upper
43 100
45 15.8 11.8 17.6



#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

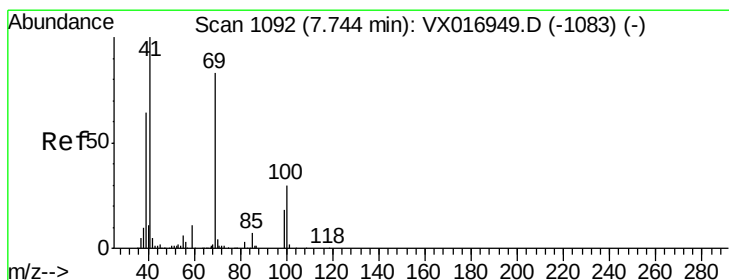
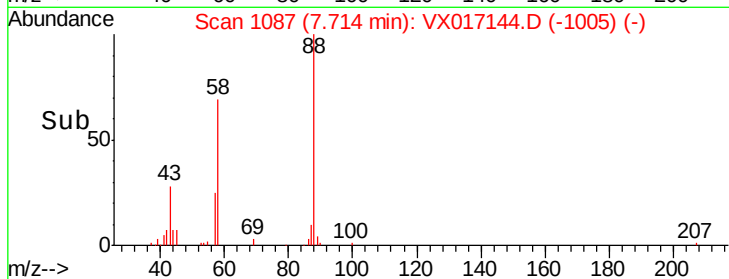
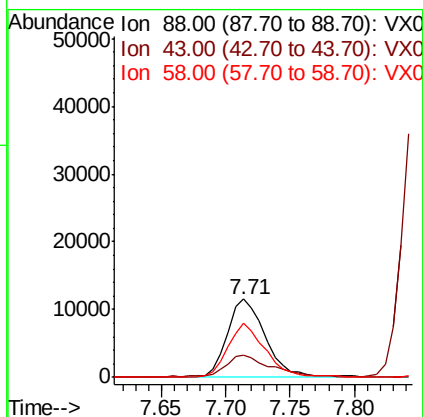
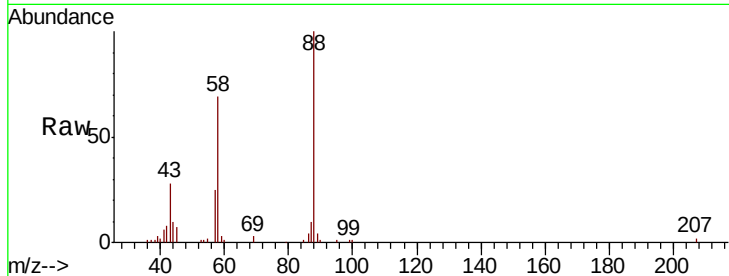




#45
 1,4-Dioxane
 Concen: 387.828 ug/l
 RT: 7.71 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX017144.D
 Acq: 02 Jul 2020 13:38

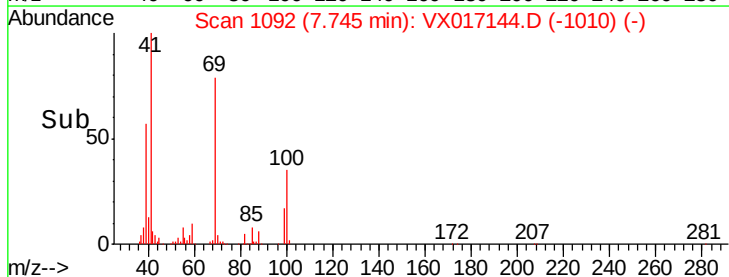
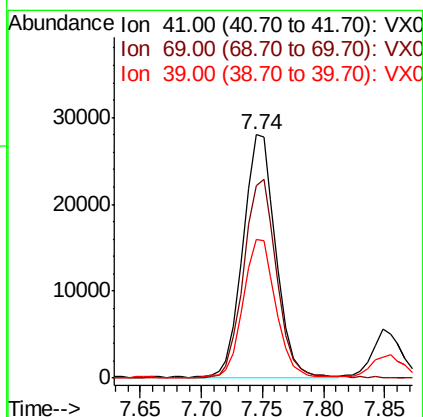
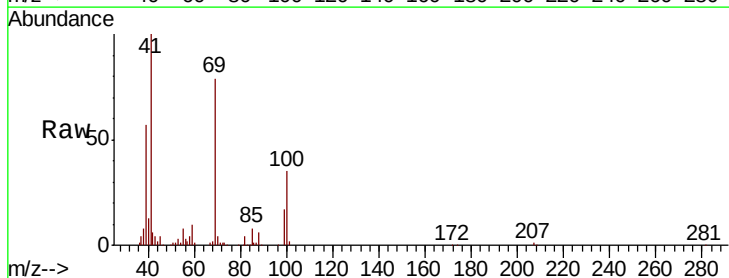
Instrument :
 MSVOA_X
 ClientSampleId :

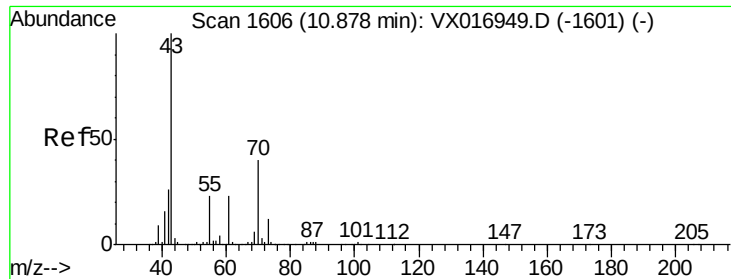
Tot Ion: 88 Resp: 23712
 Ion Ratio Lower Upper
 88 100
 43 34.4 28.9 43.3
 58 67.0 56.7 85.1



#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

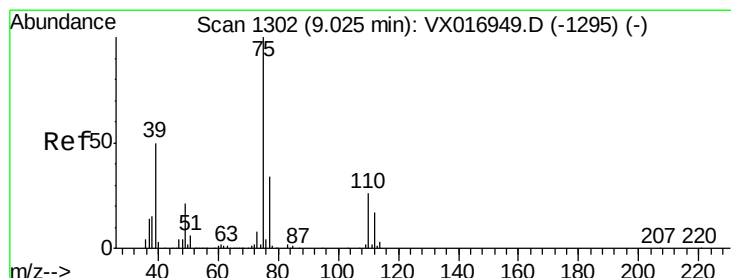
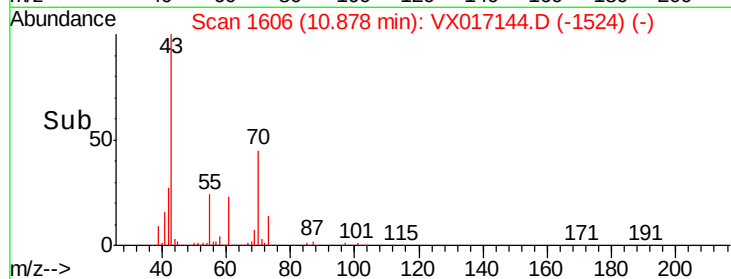
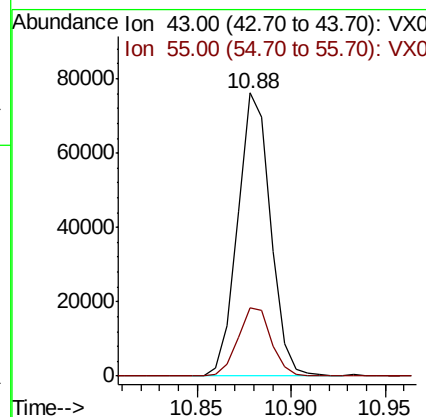
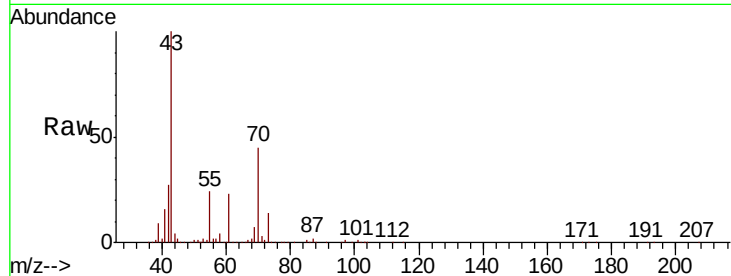




#47
n-amvl Acetate
Concen: 17.180 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VX017144.D
Acq: 02 Jul 2020 13:38

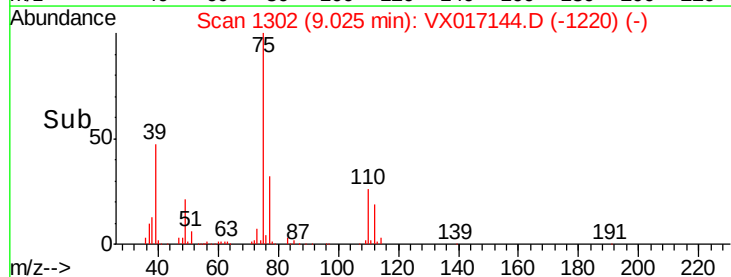
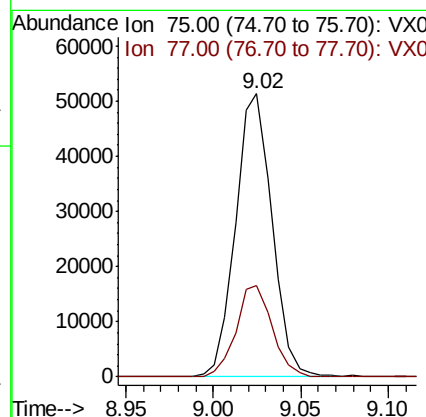
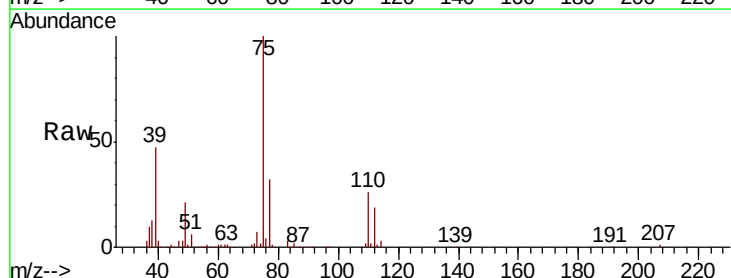
Instrument :
MSVOA_X
ClientSampled :

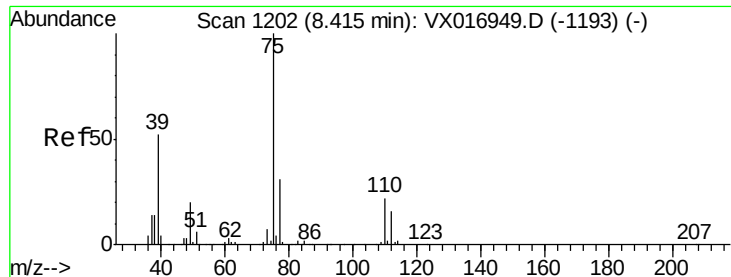
Tot Ion: 43 Resp: 92029
Ion Ratio Lower Upper
43 100
55 24.7 18.6 27.8



#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



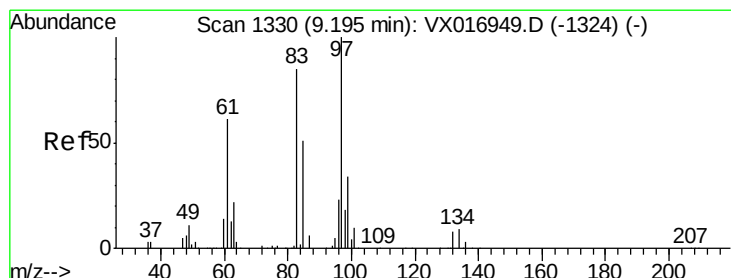
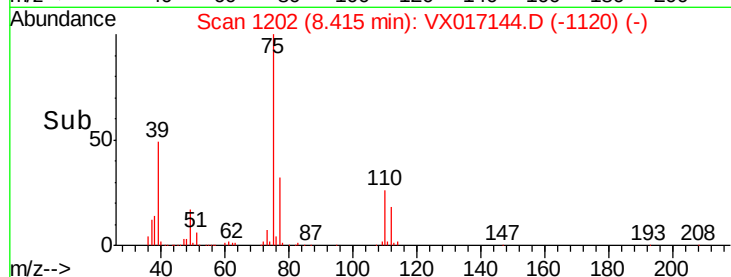
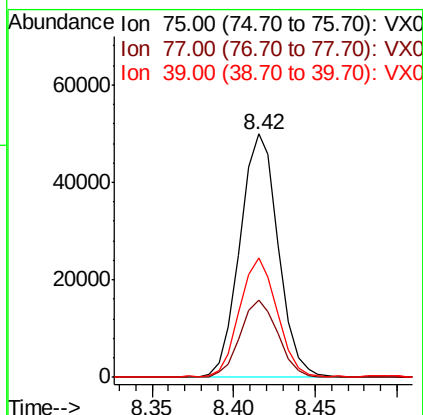
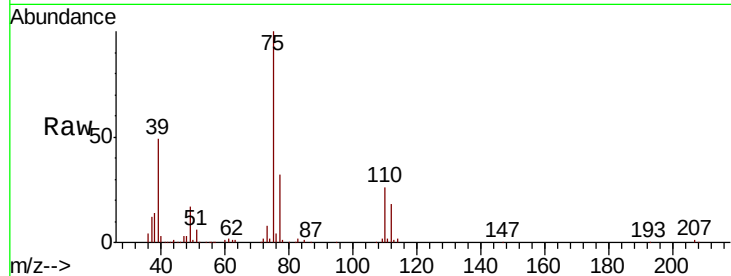


#49

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 :

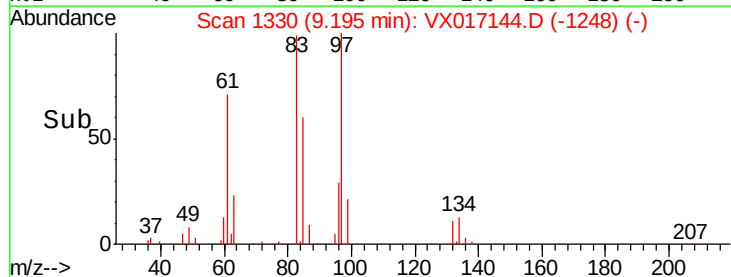
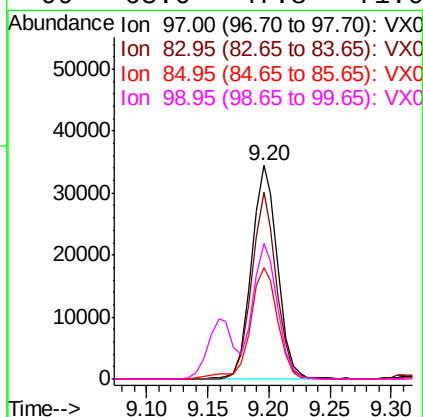
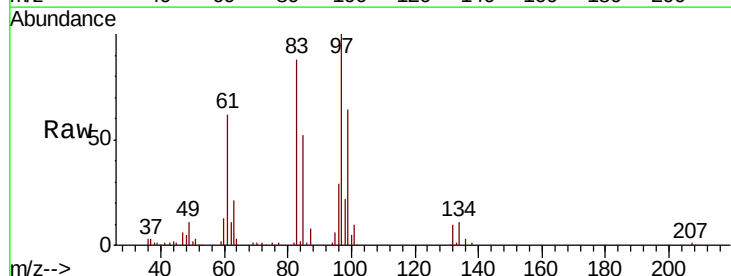
Tot Ion	Ratio	Lower	Upper
75	100		
77	31.9	24.8	37.2
39	48.6	41.8	62.6

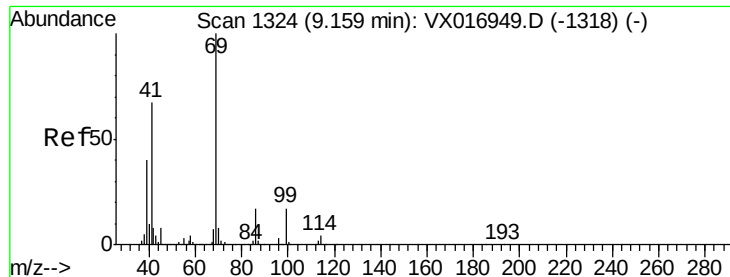


#50

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 :

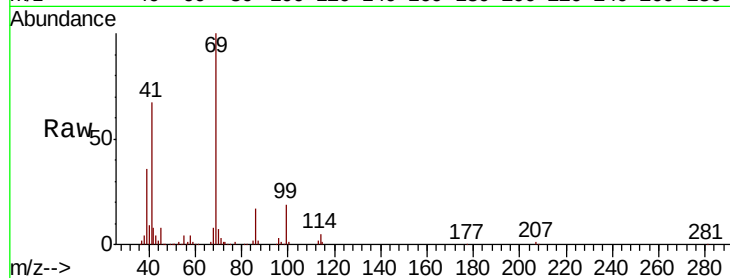
Tot Ion: 69 Resp: 68285

Ion Ratio Lower Upper

69 100

41 67.1 33.7 101.1

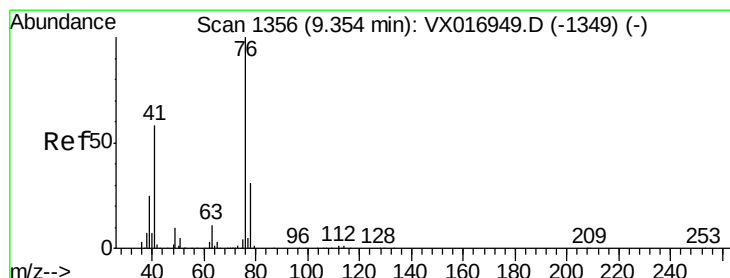
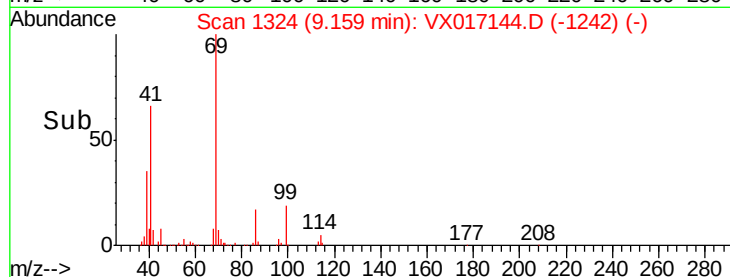
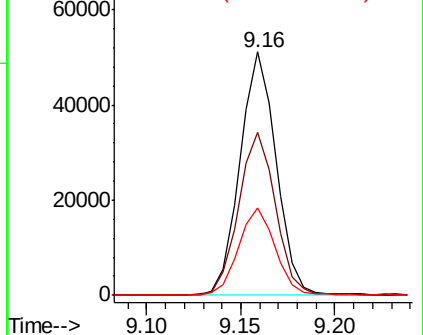
39 35.8 19.9 59.7



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

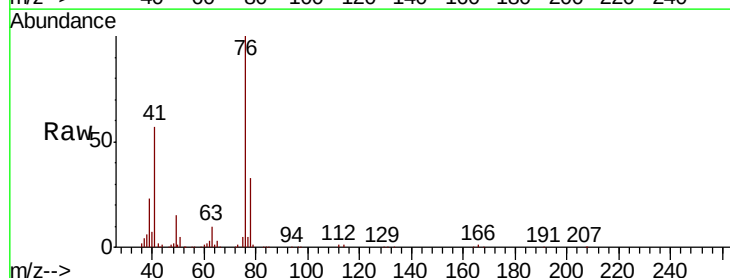
Acq: 02 Jul 2020 13:38

Tgt Ion: 76 Resp: 82130

Ion Ratio Lower Upper

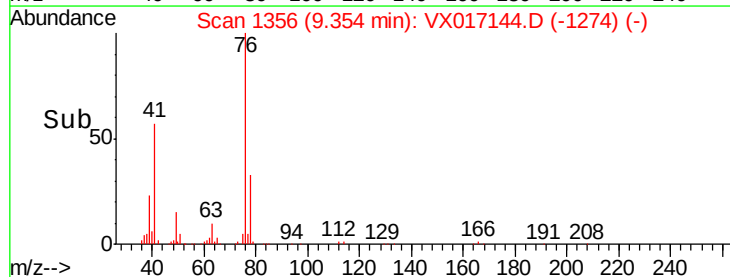
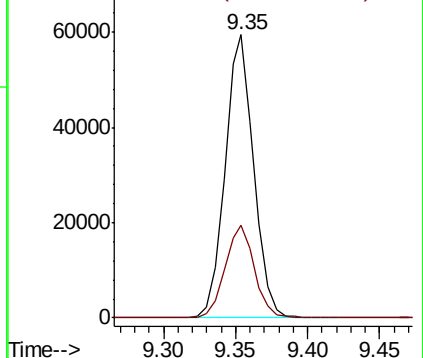
76 100

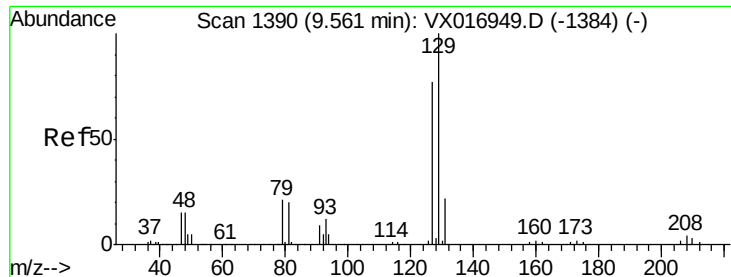
78 33.5 0.0 62.4



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

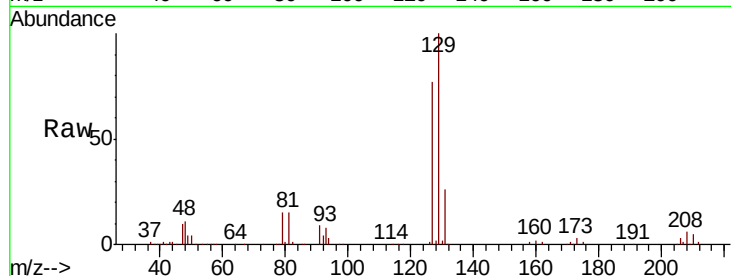
ClientSampleId :

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

9.57

40000

30000

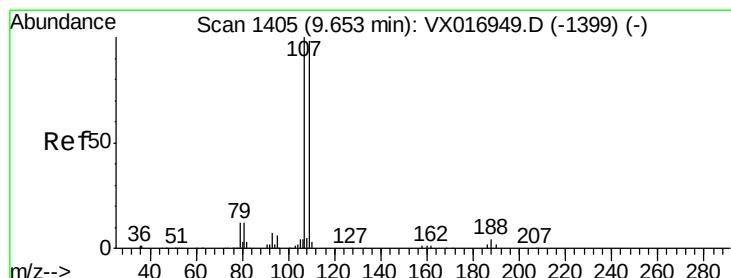
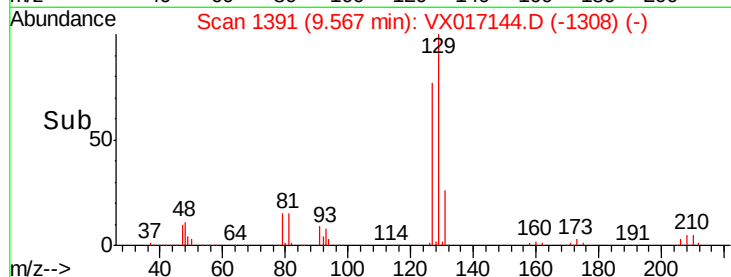
20000

10000

0

9.50 9.55 9.60 9.65

Time-->



#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

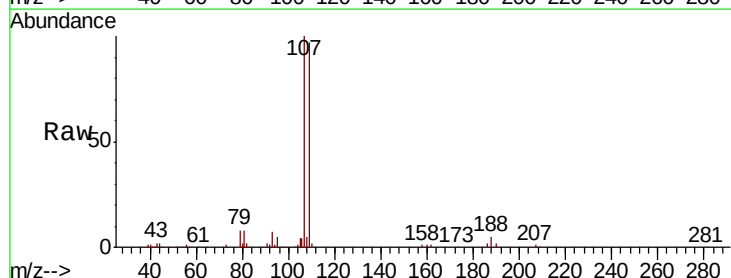
Acq: 02 Jul 2020 13:38

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

9.65

40000

30000

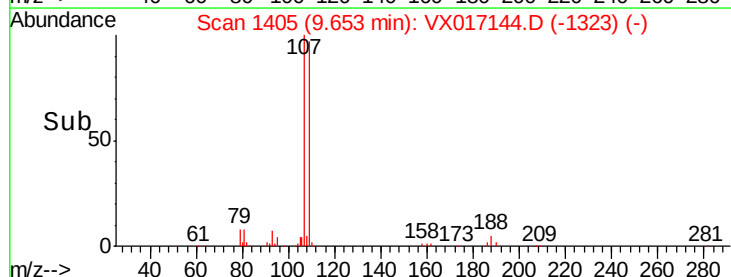
20000

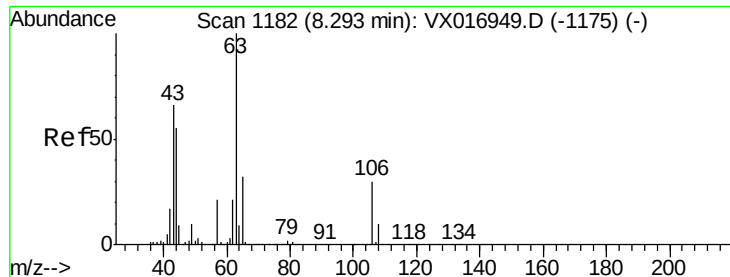
10000

0

9.60 9.65 9.70

Time-->

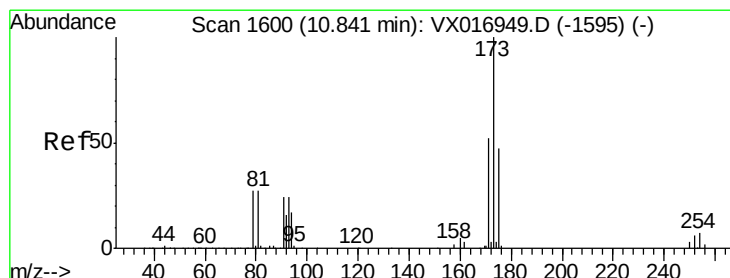
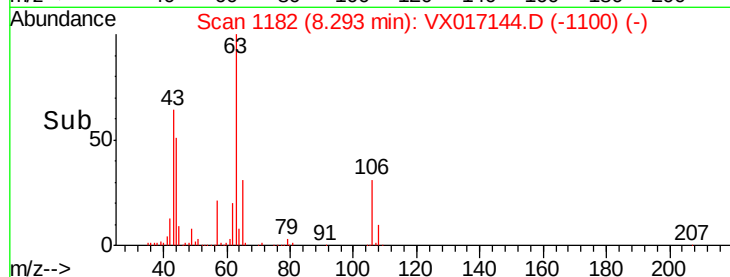
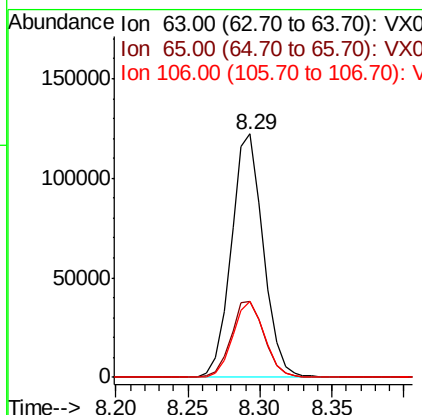
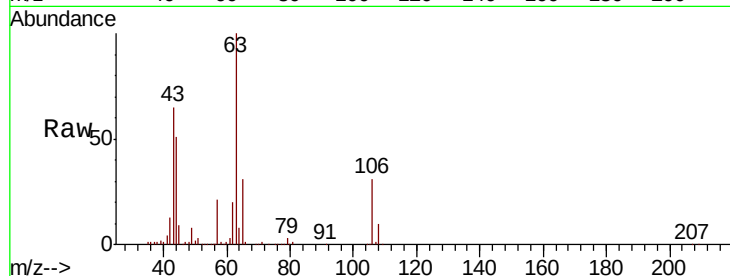




#55
 2-Chloroethyl vinyl ether
 Concen: 94.496 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VX017144.D
 Acq: 02 Jul 2020 13:38

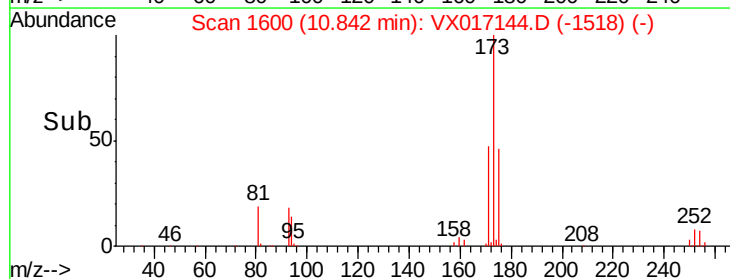
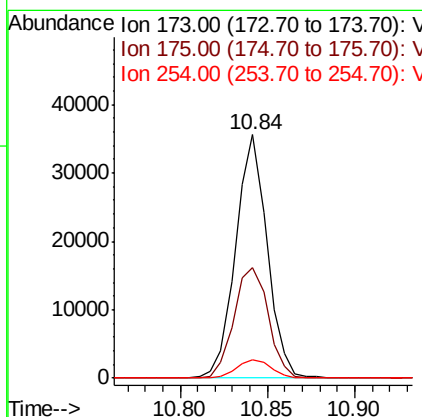
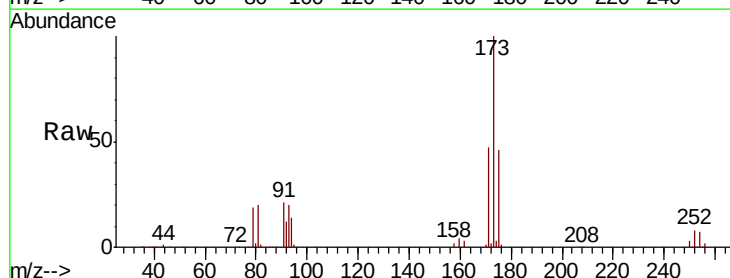
Instrument :
 MSVOA_X
 ClientSampleId :

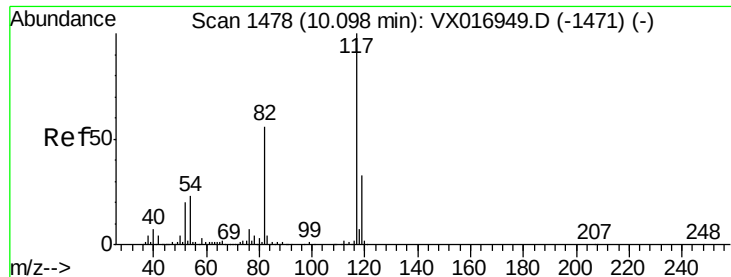
Tot Ion: 63 Resp: 189625
 Ion Ratio Lower Upper
 63 100
 65 32.2 25.9 38.9
 106 30.9 22.6 33.8



#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

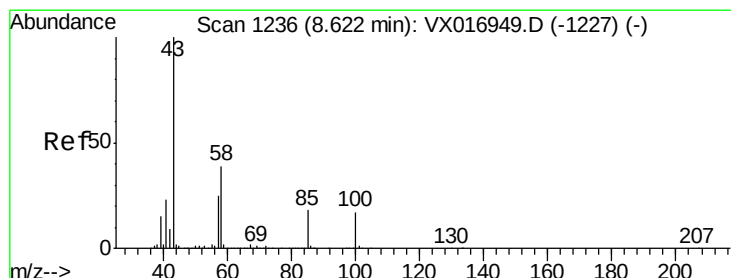
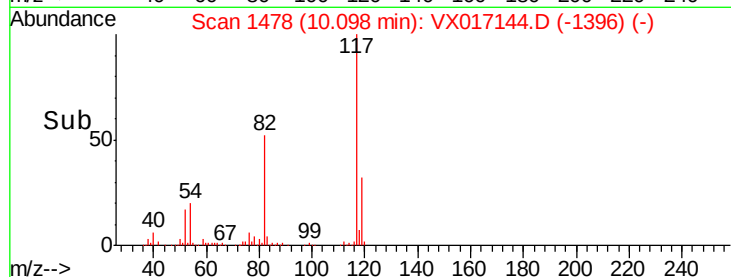
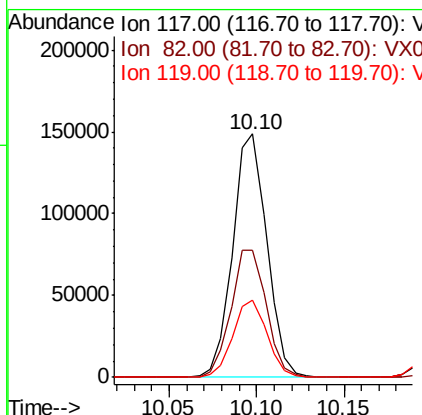
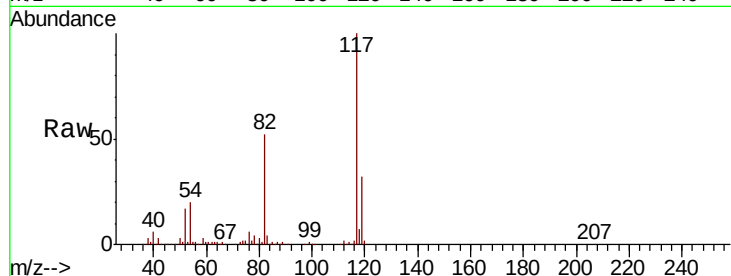




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017144.D
Acq: 02 Jul 2020 13:38

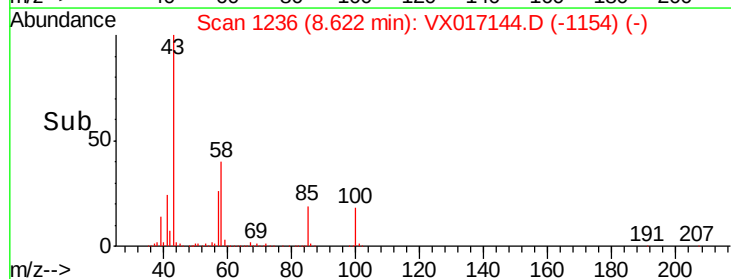
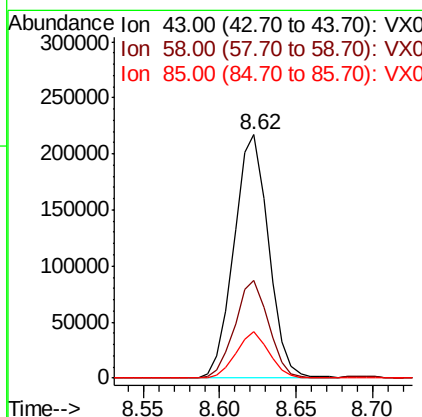
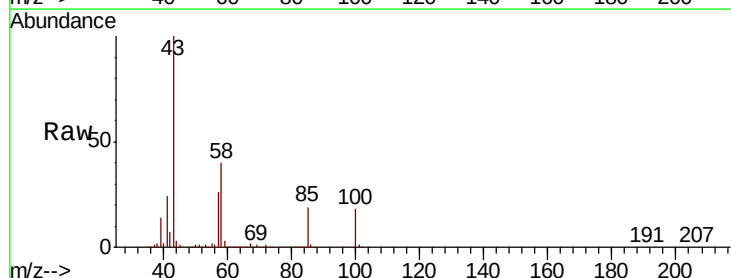
Instrument :
MSVOA_X
ClientSampleId :

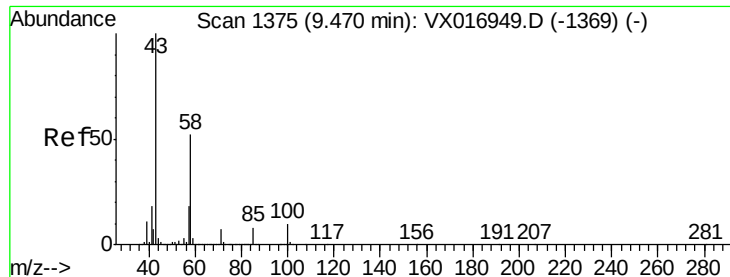
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.0	44.9	67.3
119	31.9	25.8	38.8



#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	Ratio	Lower	Upper
43	100		
58	39.5	30.4	45.6
85	18.4	13.5	20.3

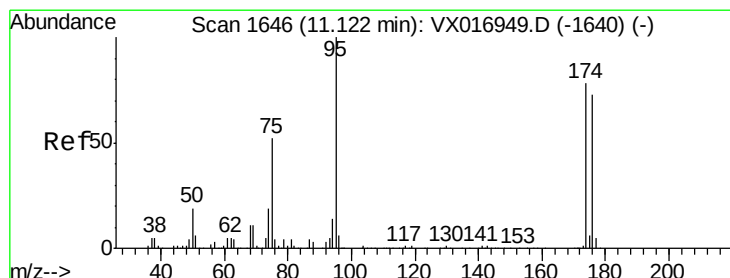
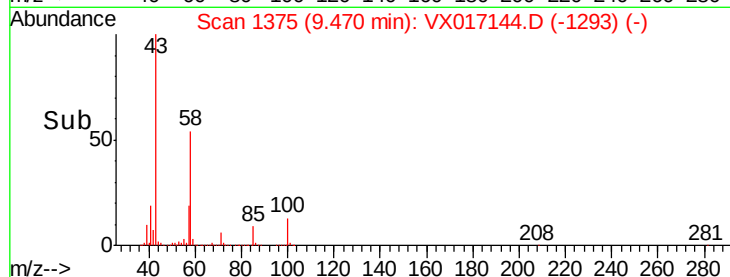
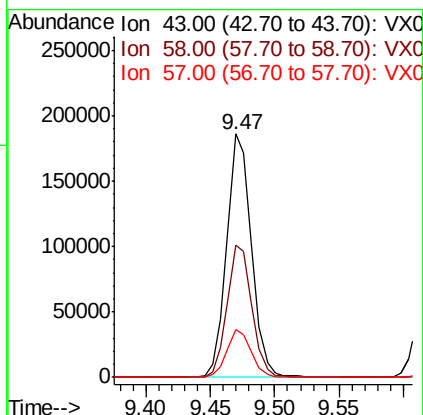
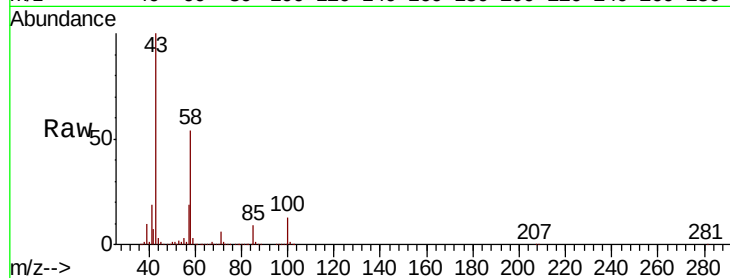




#59
2-Hexanone
Concen: 90.698 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX017144.D
Acq: 02 Jul 2020 13:38

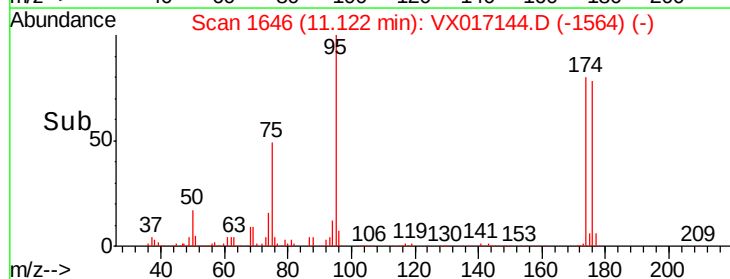
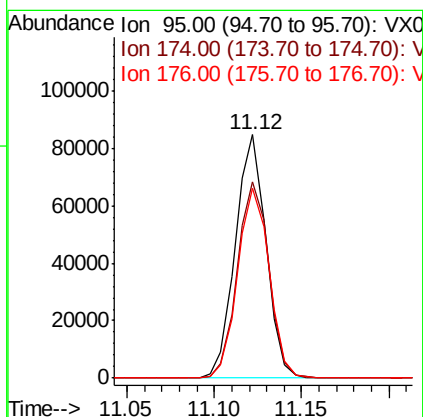
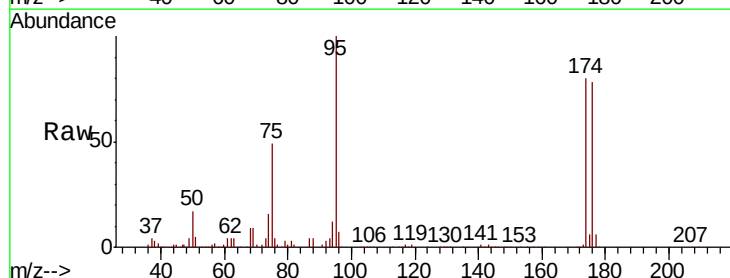
Instrument :
MSVOA_X
ClientSampleId :

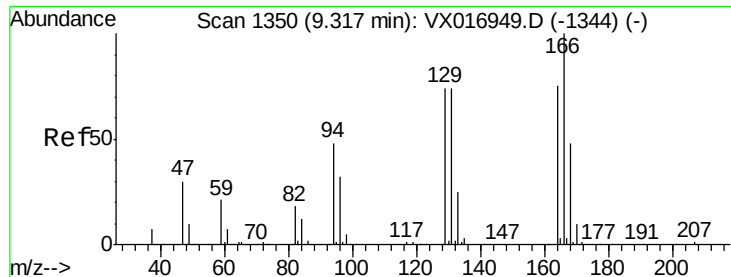
Tot Ion	Ratio	Lower	Upper
43	100		
58	54.0	42.3	63.5
57	19.2	14.1	21.1



#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	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

ClientSampleId :

Tot Ion:164 Resp: 53362

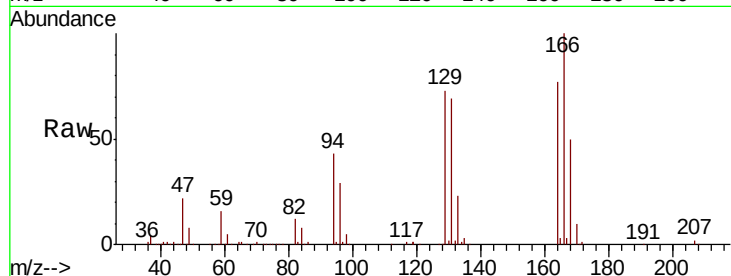
Ion Ratio Lower Upper

164 100

166 128.9 106.3 159.5

129 94.0 78.9 118.3

131 88.6 78.2 117.4

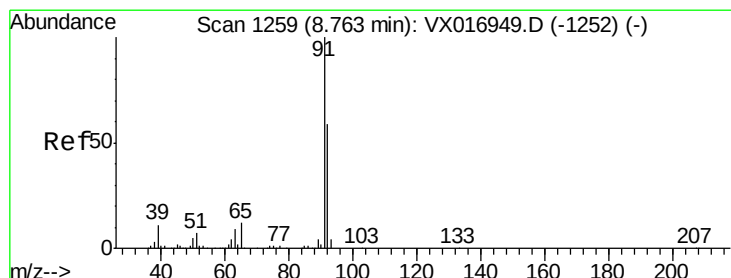
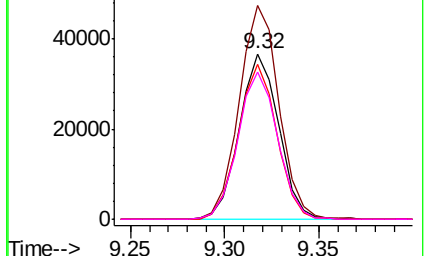
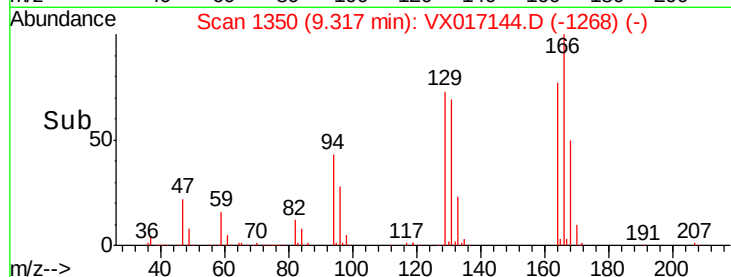


Abundance Ion 163.85 (163.55 to 164.55): V

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

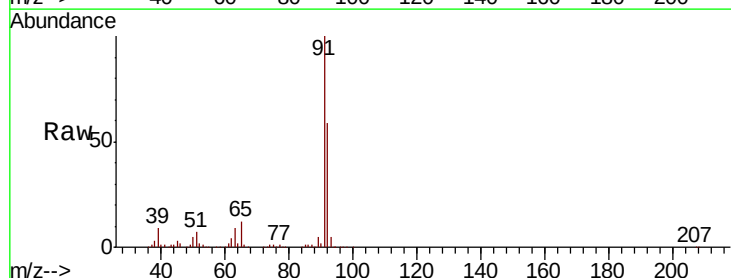
Acq: 02 Jul 2020 13:38

Tgt Ion: 91 Resp: 204776

Ion Ratio Lower Upper

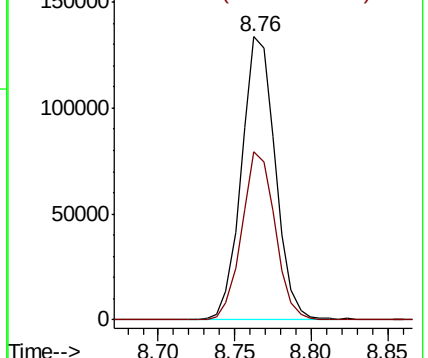
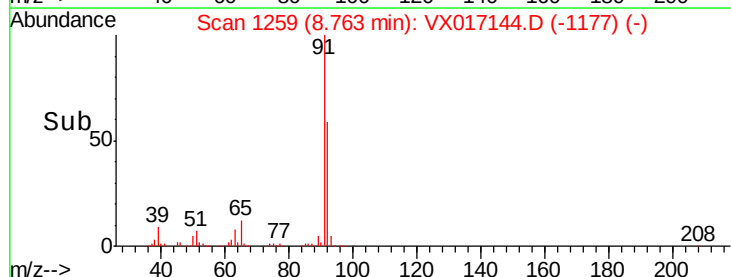
91 100

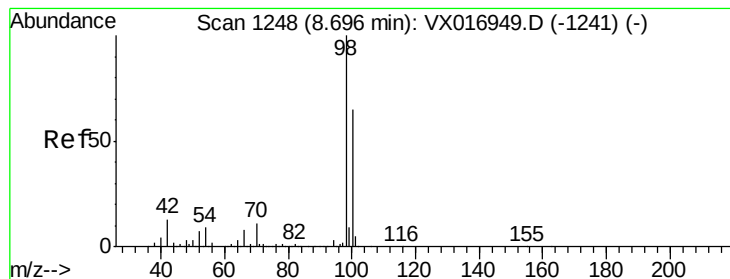
92 58.7 46.8 70.2



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

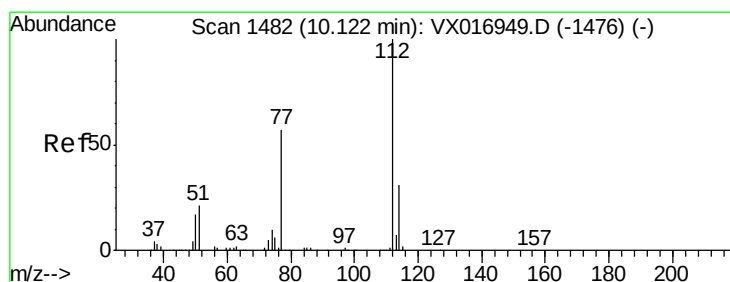
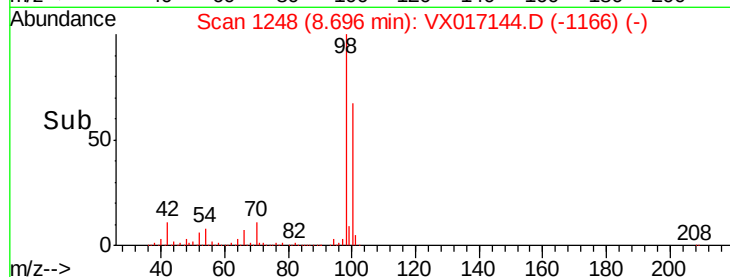
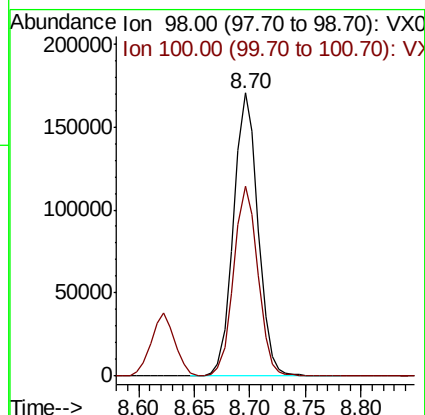
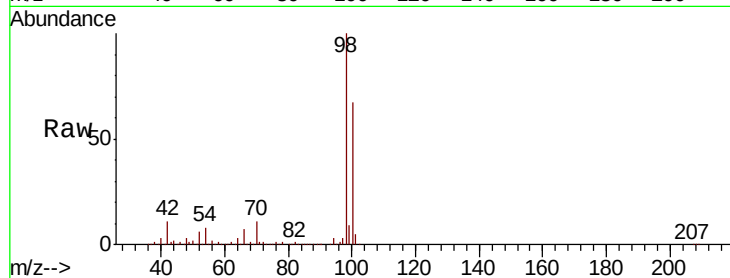
Instrument :
MSVOA_X
ClientSampleId :

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

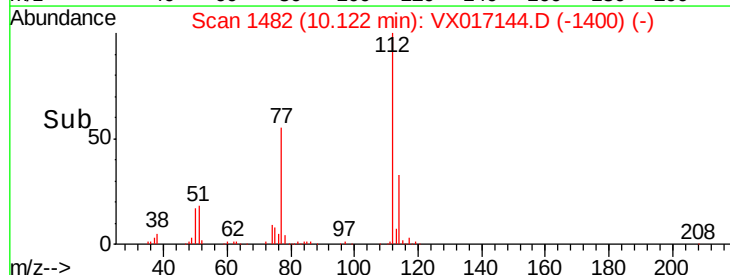
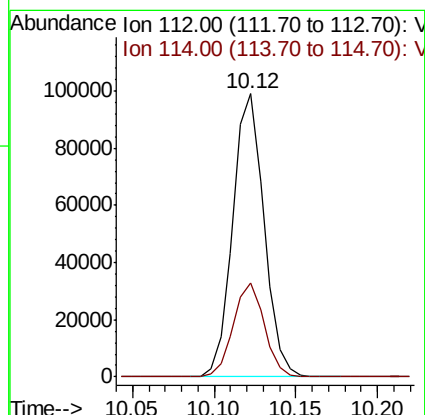
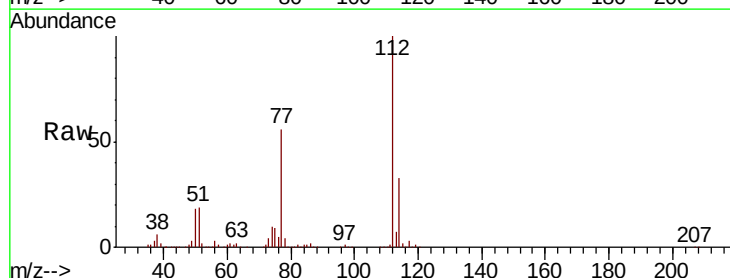
Acq: 02 Jul 2020 13:38

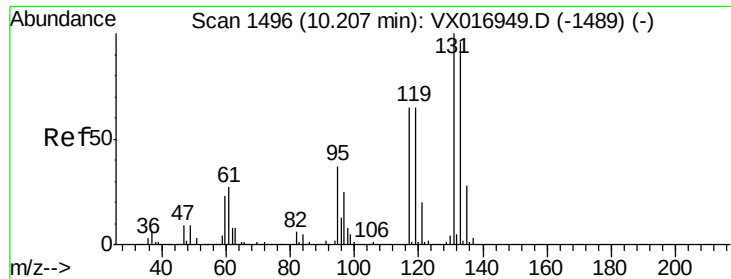
Tgt Ion: 112 Resp: 132272

Ion Ratio Lower Upper

112 100

114 33.2 24.9 37.3

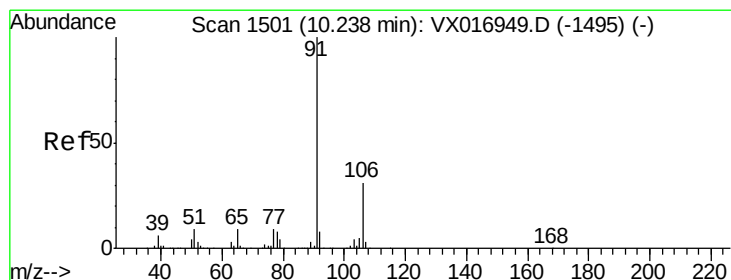
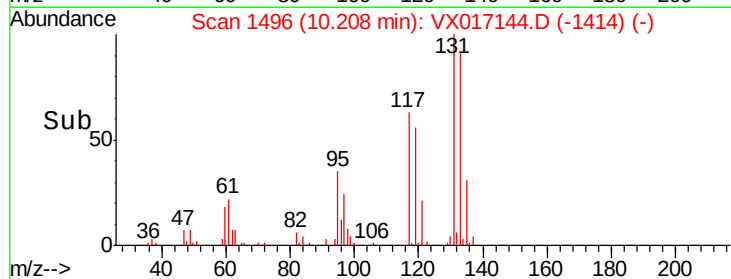
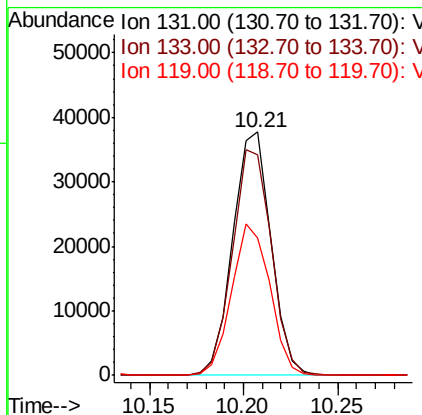
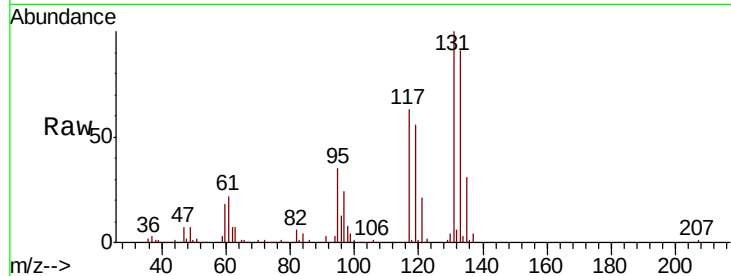




#65
 1,1,1,2-Tetrachloroethane
 Concen: 20.271 ug/l
 RT: 10.21 min Scan# 1496
 Delta R.T. 0.00 min
 Lab File: VX017144.D
 Acq: 02 Jul 2020 13:38

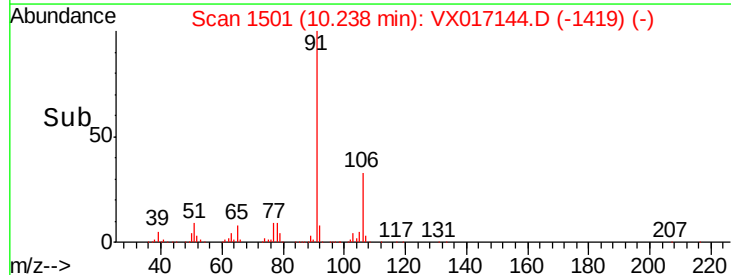
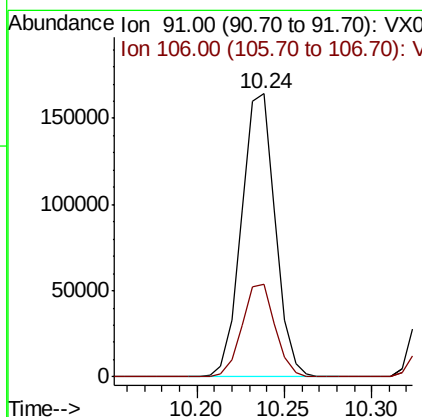
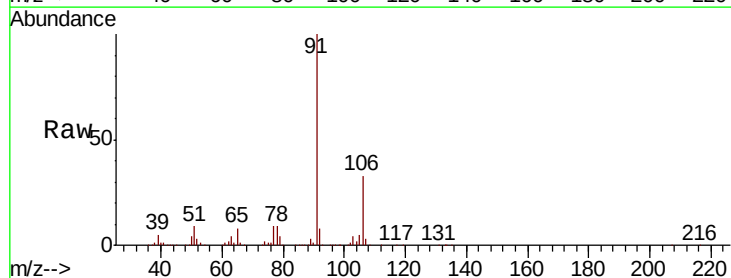
Instrument :
 MSVOA_X
 ClientSampleId :

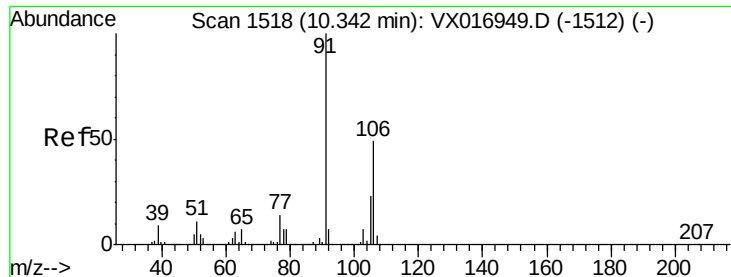
Tot Ion:131 Resp: 53058
 Ion Ratio Lower Upper
 131 100
 133 94.9 0.0 190.2
 119 62.5 0.0 133.2



#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

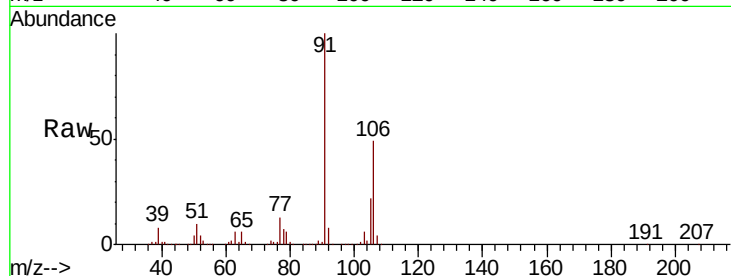




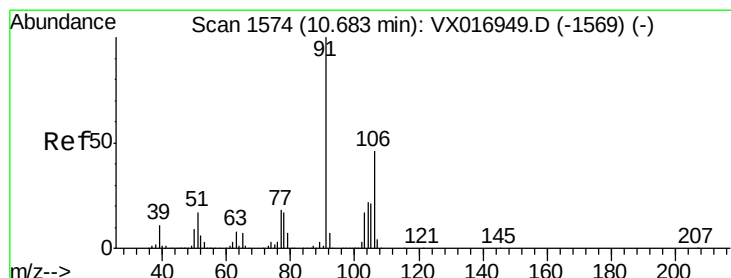
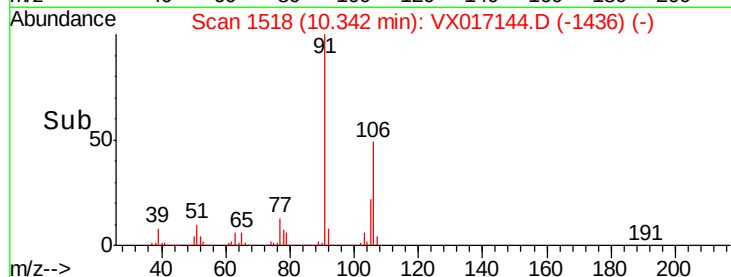
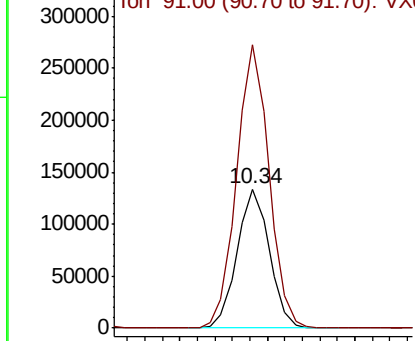
#67
m/p-Xylenes
Concen: 37.106 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX017144.D
Acq: 02 Jul 2020 13:38

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 172267
Ion Ratio Lower Upper
106 100
91 203.6 164.5 246.7

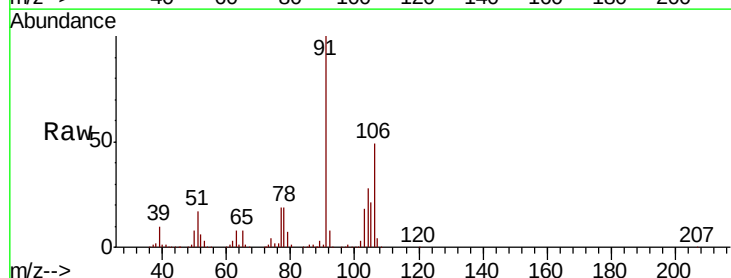


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

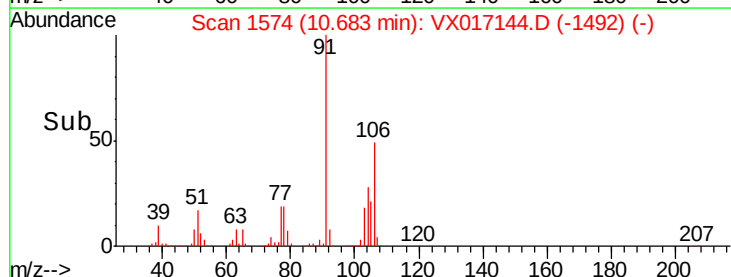
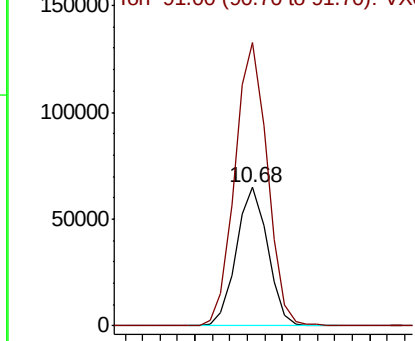


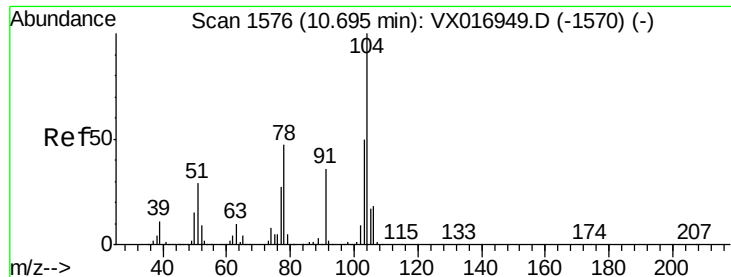
#68
o-Xylene
Concen: 18.223 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX017144.D
Acq: 02 Jul 2020 13:38

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

ClientSampleId :

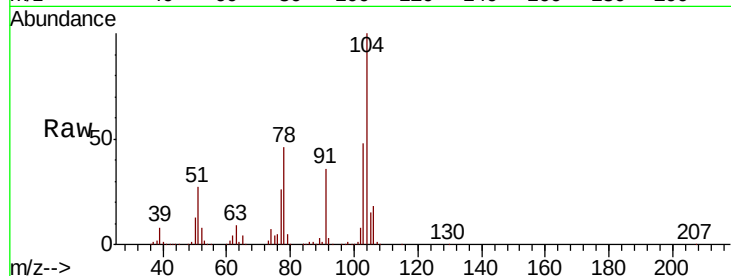
Tot Ion:104 Resp: 141643

Ion Ratio Lower Upper

104 100

78 50.5 42.6 64.0

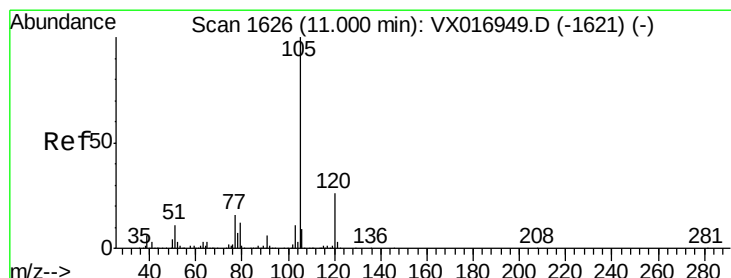
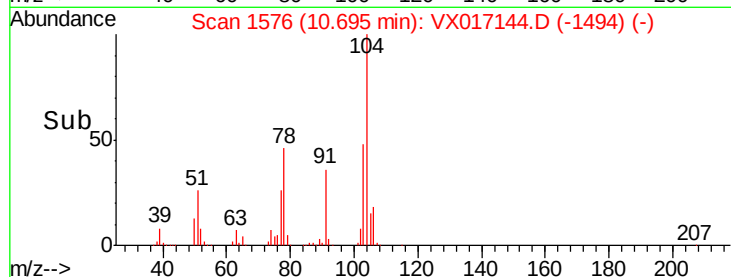
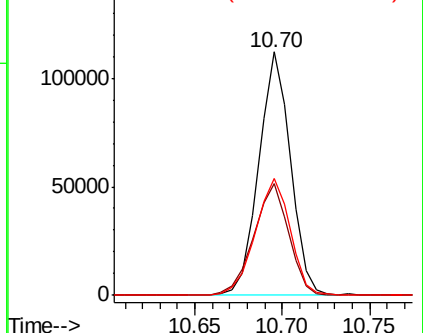
103 52.9 44.1 66.1



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

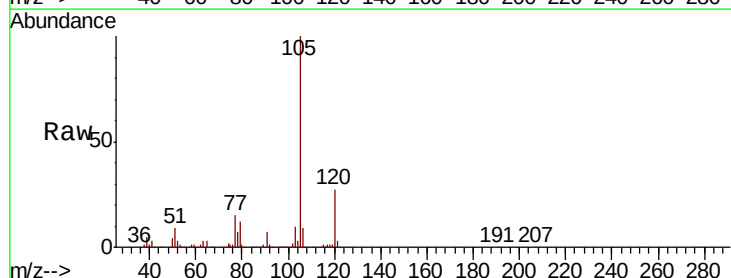
Acq: 02 Jul 2020 13:38

Tgt Ion:105 Resp: 223935

Ion Ratio Lower Upper

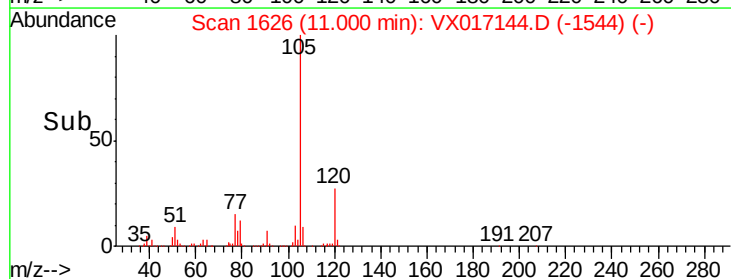
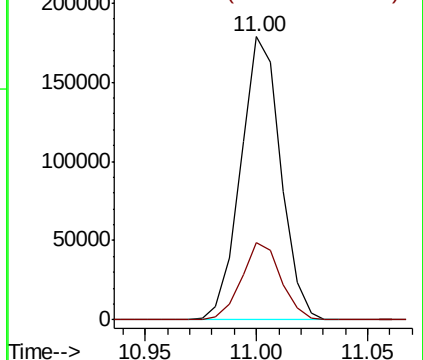
105 100

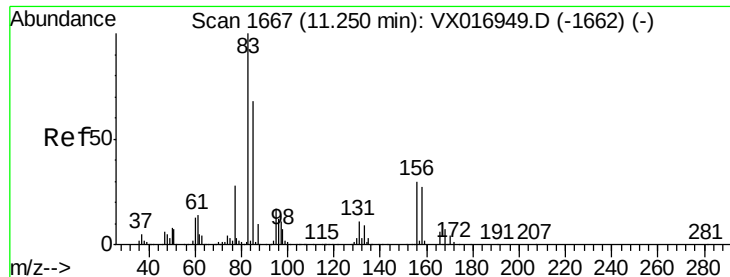
120 26.8 19.0 35.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

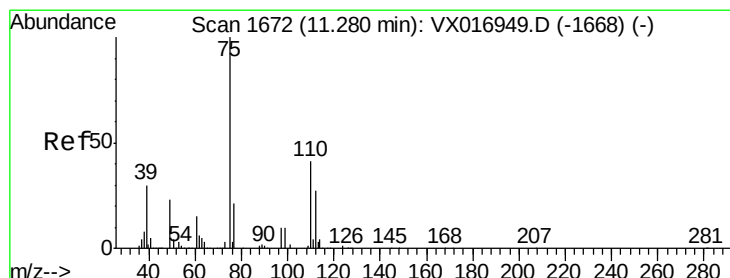
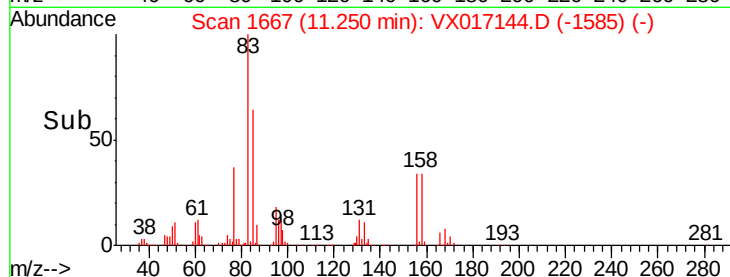
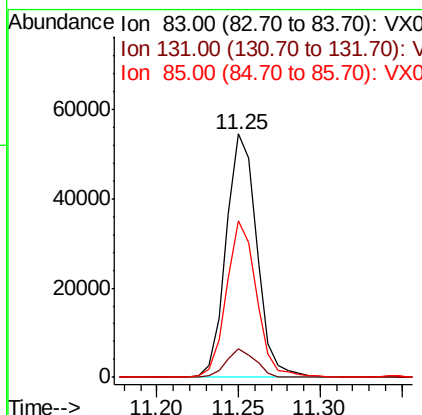
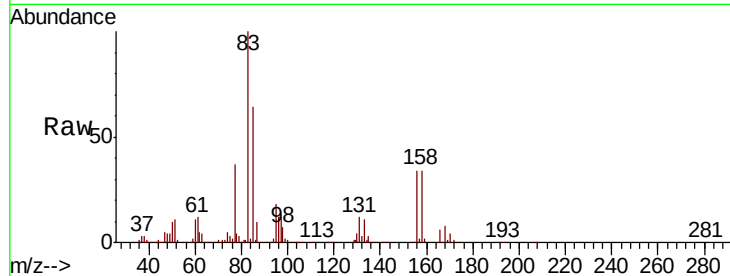




#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.221 ug/l
 RT: 11.25 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: VX017144.D
 Acq: 02 Jul 2020 13:38

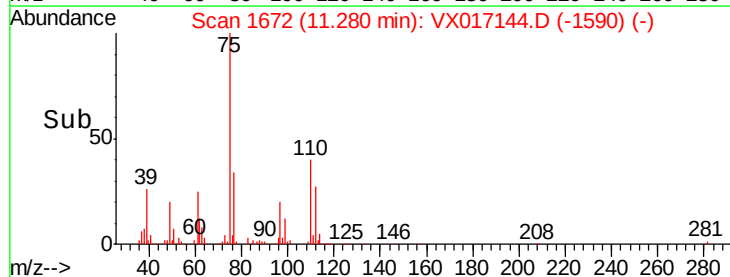
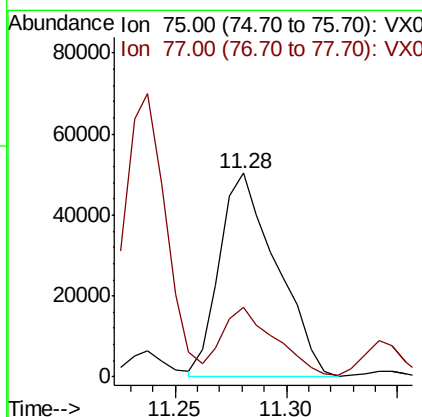
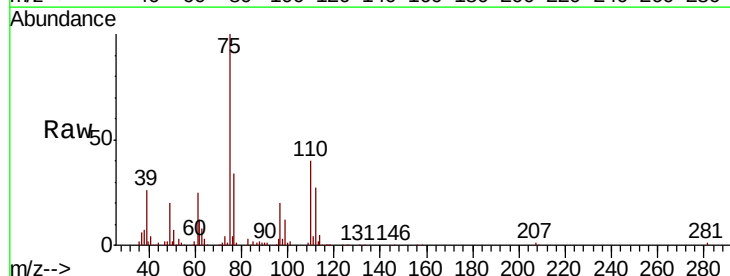
Instrument :
 MSVOA_X
 ClientSampleId :

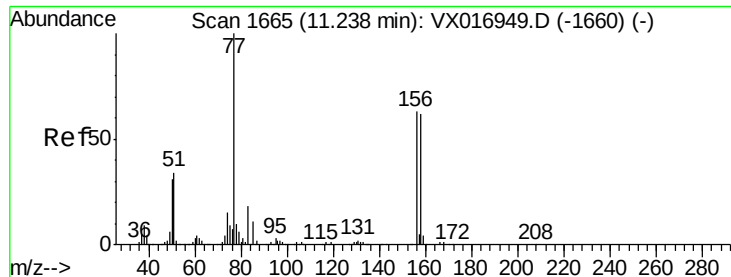
Tot Ion	83	Resp	71399
Ion Ratio	100		
Lower	5.2		
Upper	15.6		
85	63.2		99.3



#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	100		
Lower	0.0		
Upper	77.2		
77	32.1		





#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 :

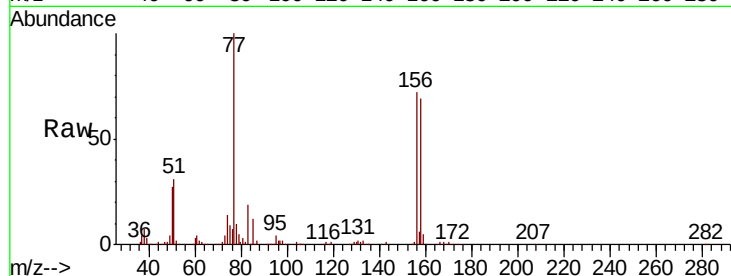
Tot Ion:156 Resp: 63384

Ion Ratio Lower Upper

156 100

77 146.4 0.0 317.2

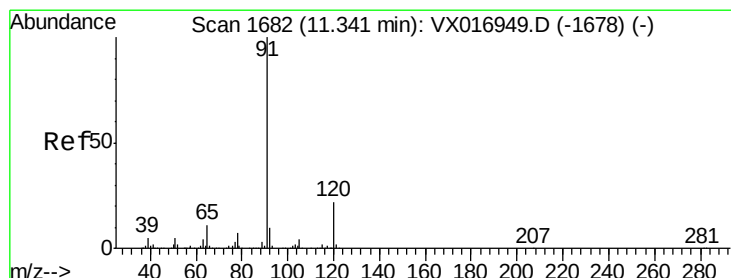
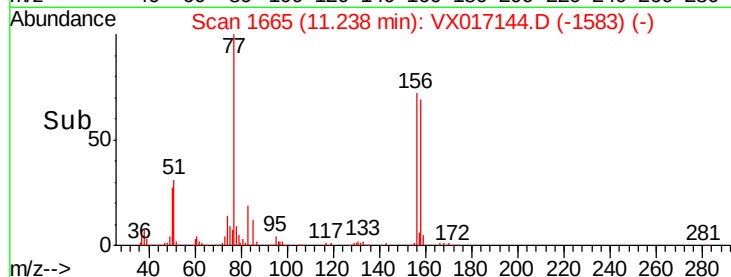
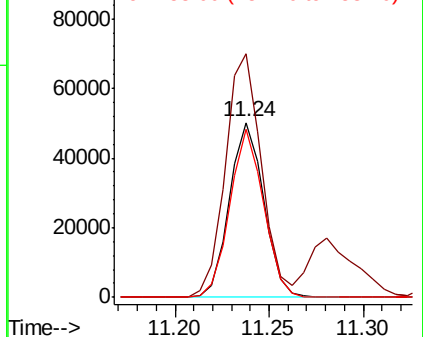
158 94.8 0.0 188.4



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

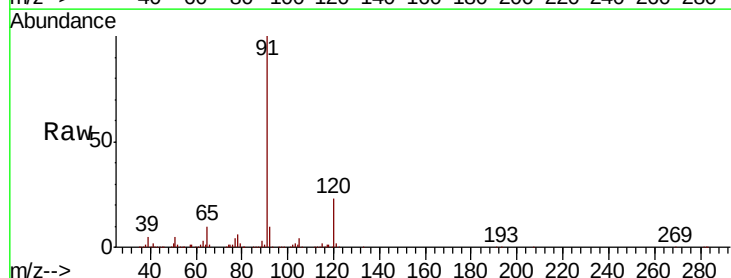
Acq: 02 Jul 2020 13:38

Tgt Ion: 91 Resp: 251769

Ion Ratio Lower Upper

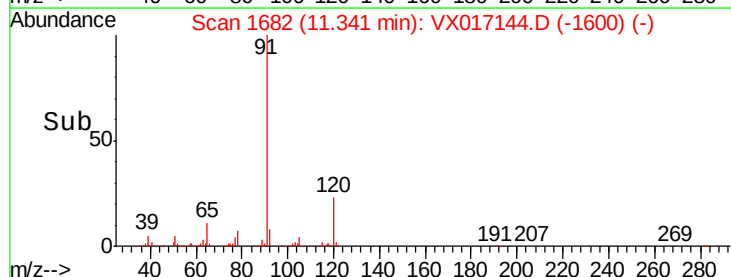
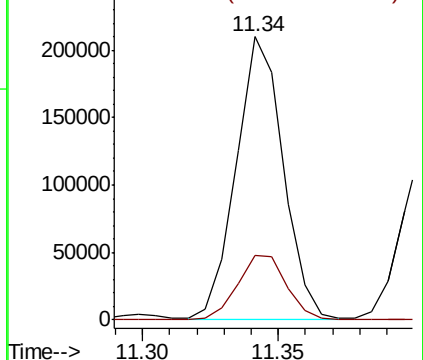
91 100

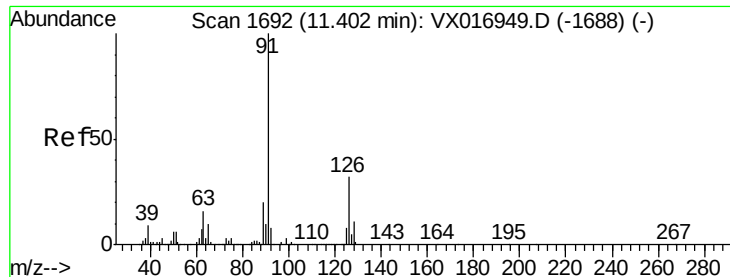
120 23.8 0.0 45.6



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

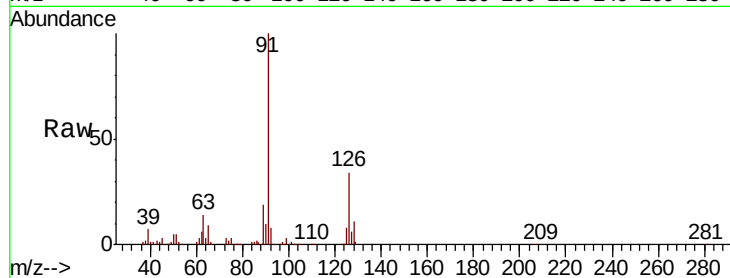
ClientSampled :

Tot Ion: 91 Resp: 155666

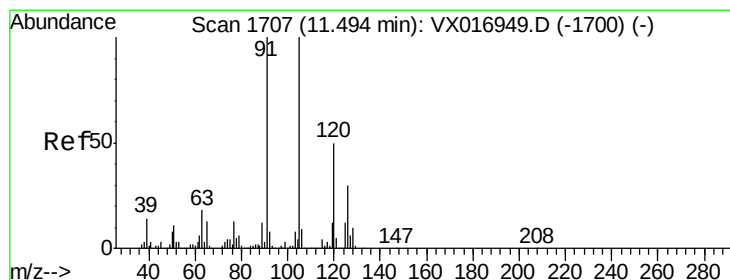
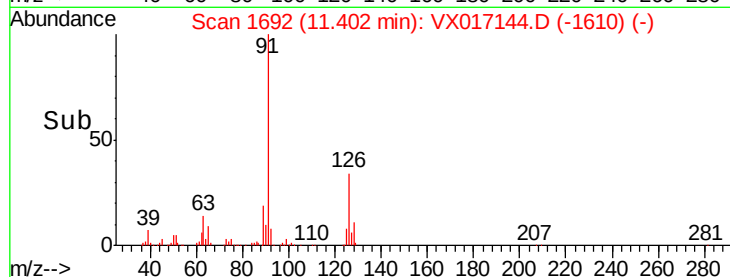
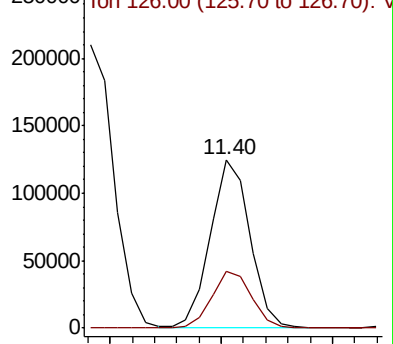
Ion Ratio Lower Upper

91 100

126 34.2 0.0 68.0



Abundance Ion 91.00 (90.70 to 91.70): VX016949.D (-1688) (-)



#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

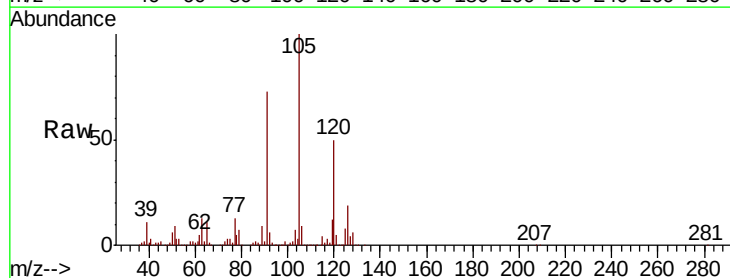
Acq: 02 Jul 2020 13:38

Tgt Ion: 105 Resp: 188410

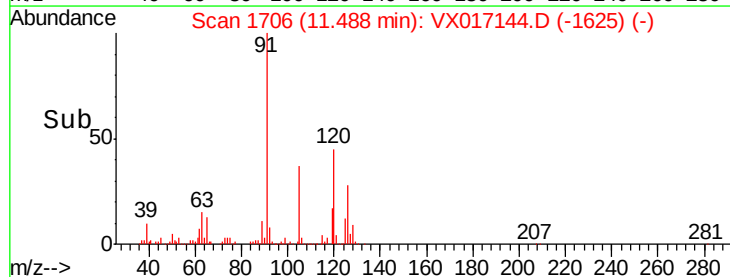
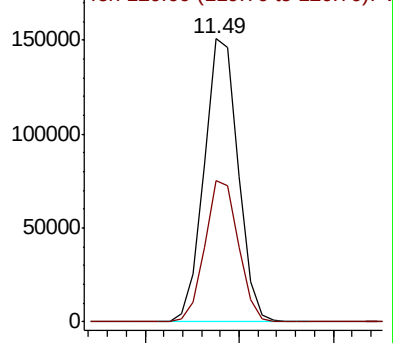
Ion Ratio Lower Upper

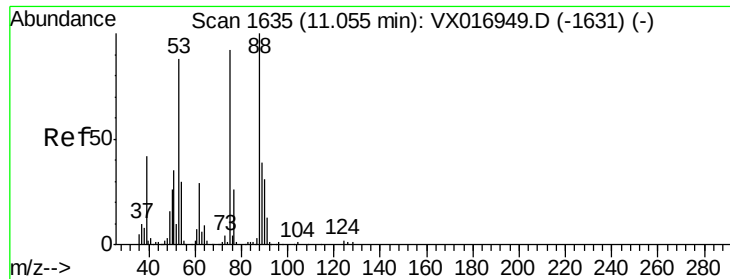
105 100

120 49.5 0.0 99.4



Abundance Ion 105.00 (104.70 to 105.70): VX016949.D (-1700) (-)





#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 :

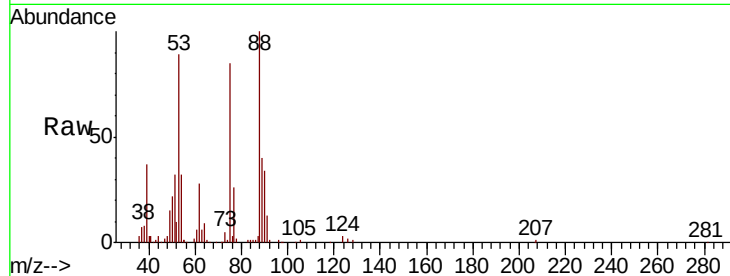
Tot Ion: 75 Resp: 24856

Ion Ratio Lower Upper

75 100

53 105.4 47.6 142.9

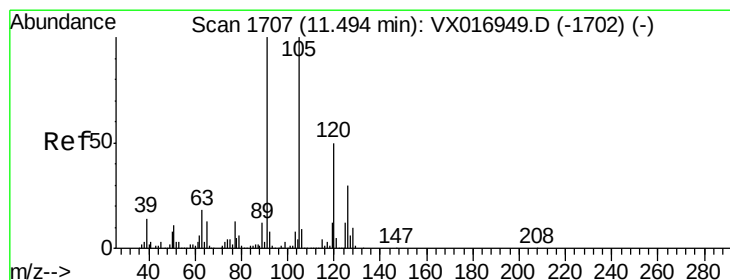
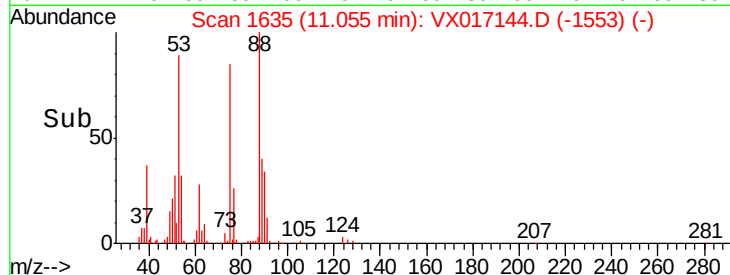
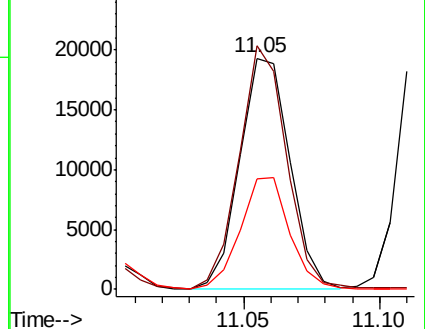
89 47.5 21.1 63.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 18.352 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX017144.D

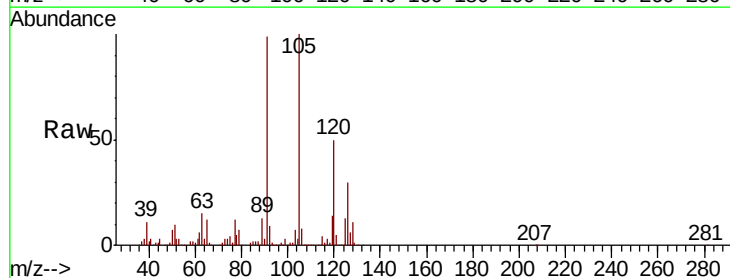
Acq: 02 Jul 2020 13:38

Tgt Ion: 91 Resp: 181968

Ion Ratio Lower Upper

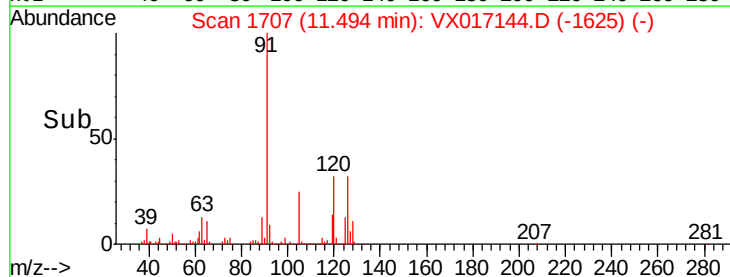
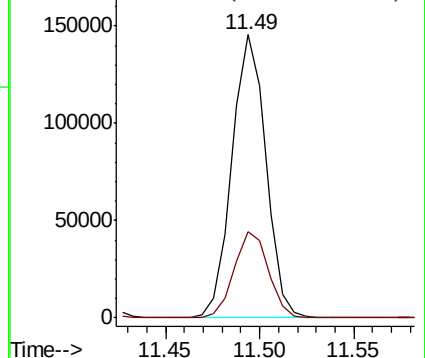
91 100

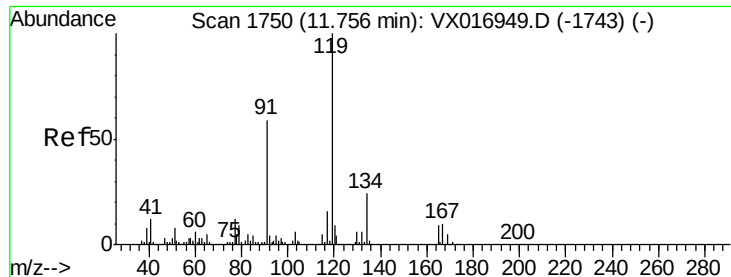
126 30.5 0.0 60.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V





#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

ClientSampleId :

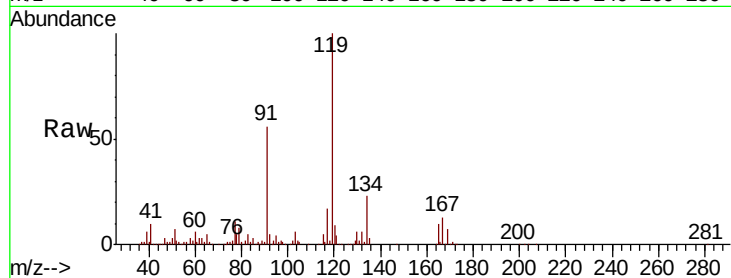
Tot Ion:119 Resp: 179325

Ion Ratio Lower Upper

119 100

91 56.0 0.0 115.2

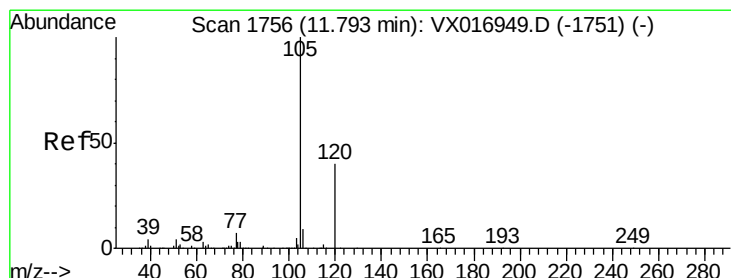
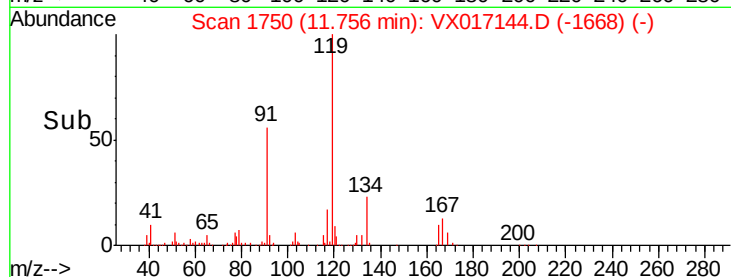
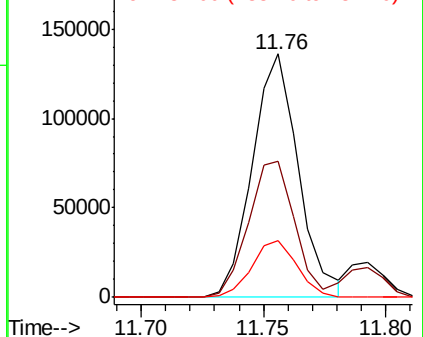
134 22.8 0.0 45.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 18.057 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX017144.D

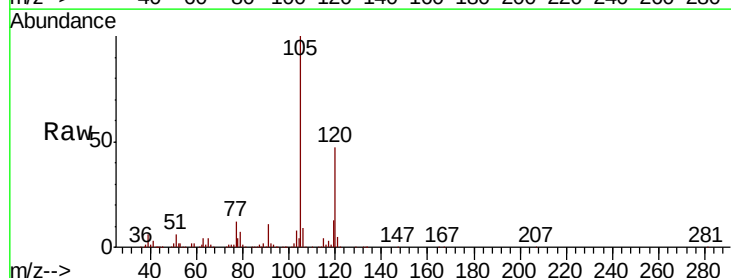
Acq: 02 Jul 2020 13:38

Tgt Ion:105 Resp: 184045

Ion Ratio Lower Upper

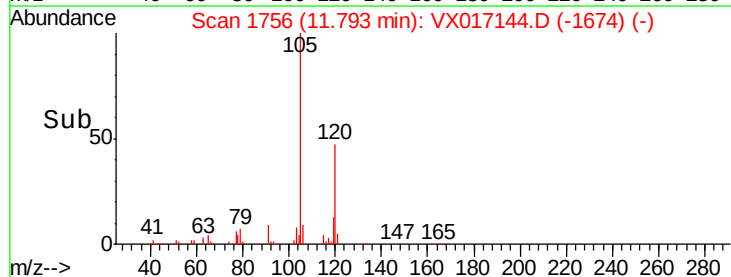
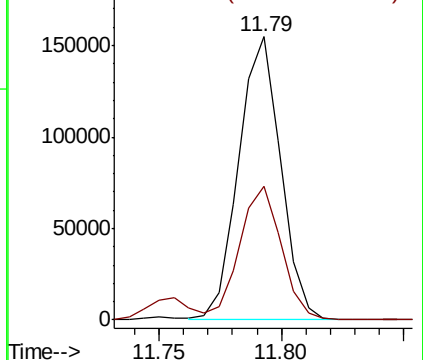
105 100

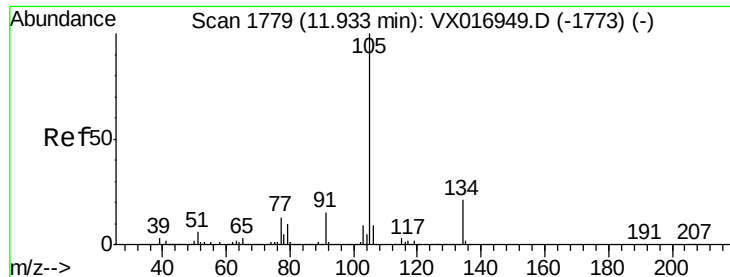
120 47.0 0.0 89.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

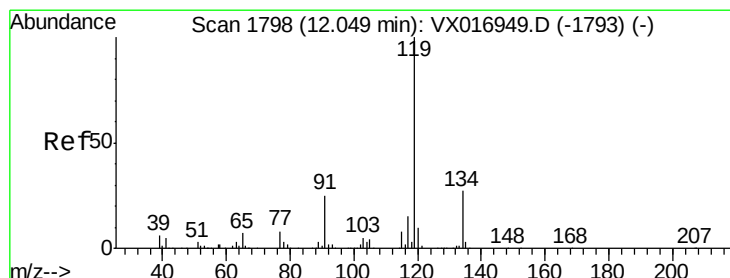
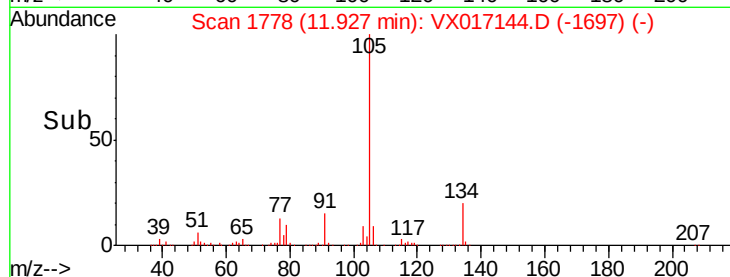
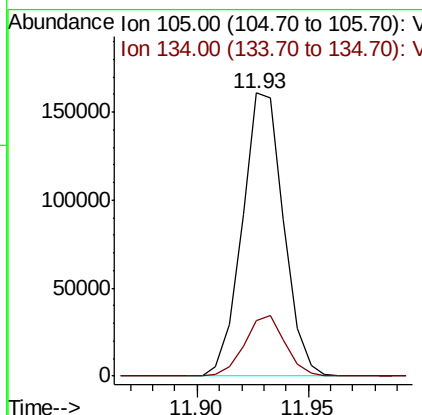
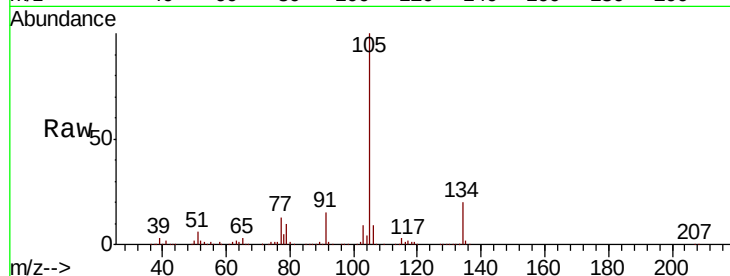




#81
 sec-Butylbenzene
 Concen: 17.626 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: VX017144.D
 Acq: 02 Jul 2020 13:38

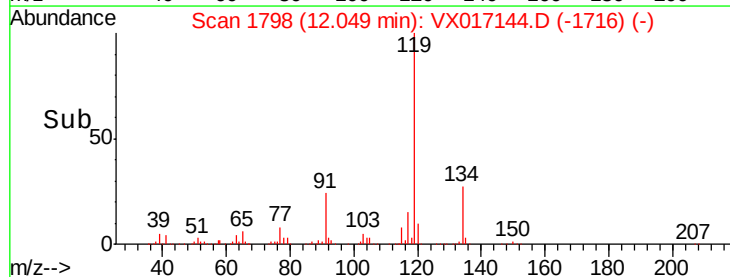
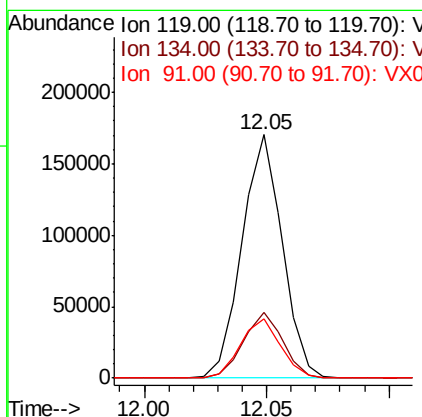
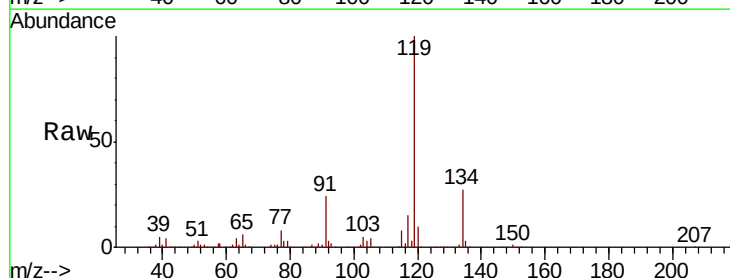
Instrument :
 MSVOA_X
 ClientSampleId :

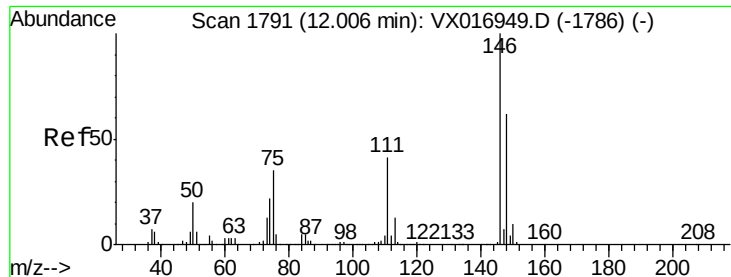
Tot Ion:105 Resp: 207554
 Ion Ratio Lower Upper
 105 100
 134 21.0 0.0 41.2



#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

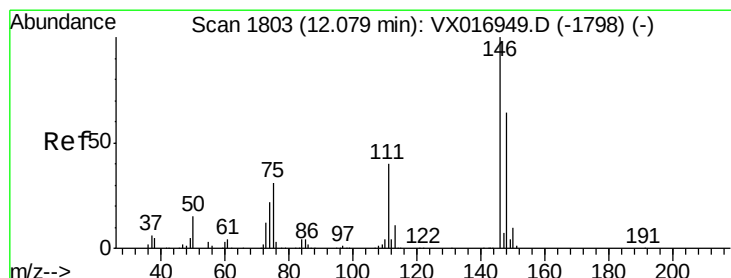
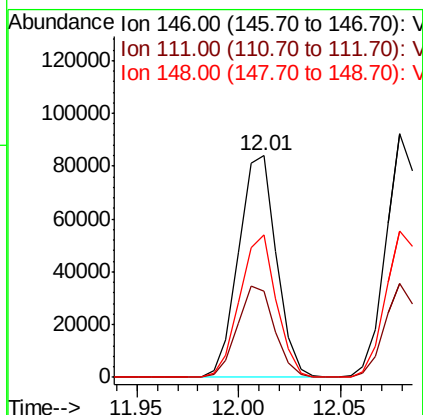
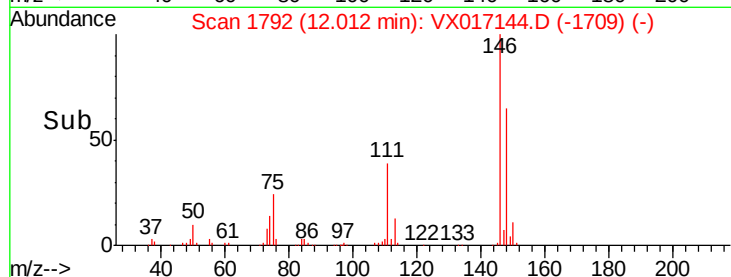
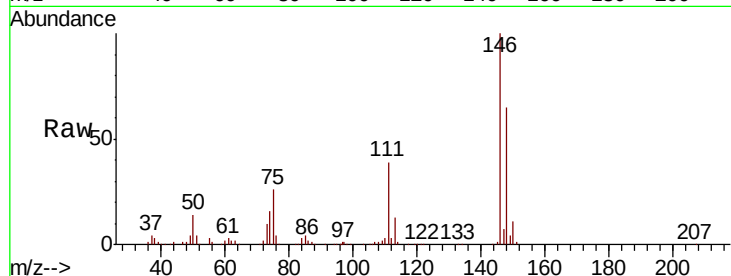




#83
 1,3-Dichlorobenzene
 Concen: 19.800 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX017144.D
 Acq: 02 Jul 2020 13:38

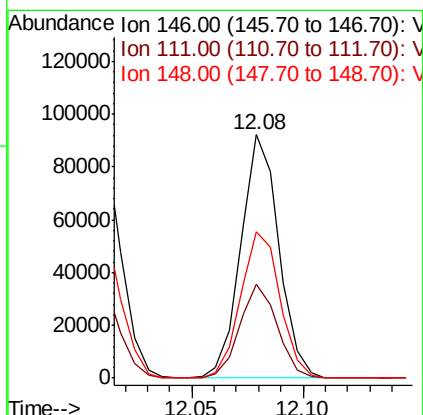
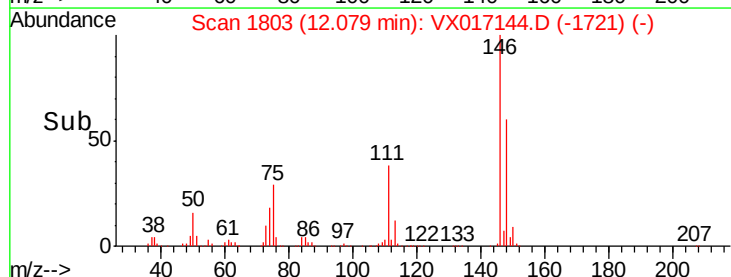
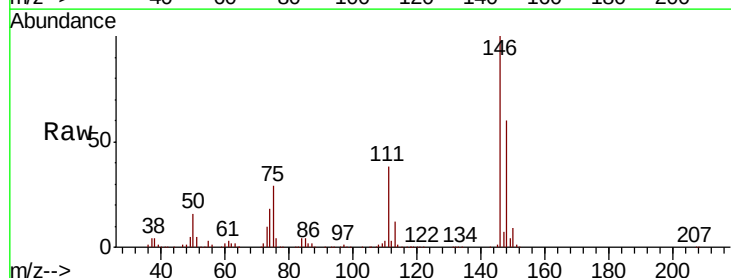
Instrument :
 MSVOA_X
 ClientSampleId :

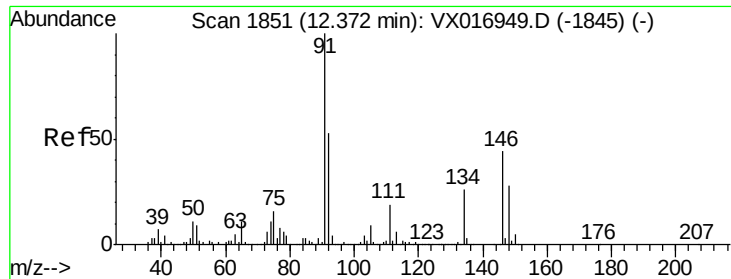
Tot Ion:146 Resp: 108316
 Ion Ratio Lower Upper
 146 100
 111 40.1 19.5 58.5
 148 62.3 31.8 95.4



#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

ClientSampled :

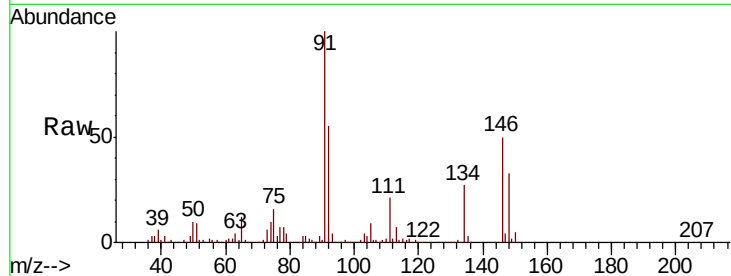
Tot Ion: 91 Resp: 161237

Ion	Ratio	Lower	Upper
91	100		
92	53.8	0.0	105.8
134	27.2	0.0	52.2

91 100

92 53.8 0.0 105.8

134 27.2 0.0 52.2

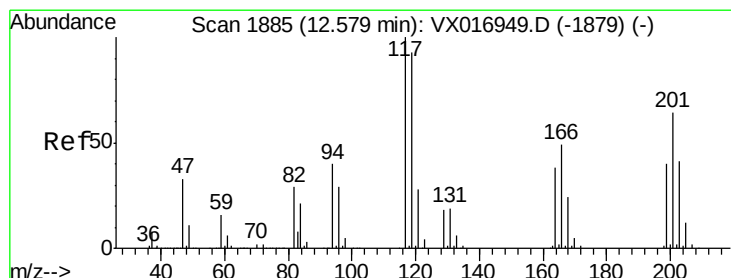
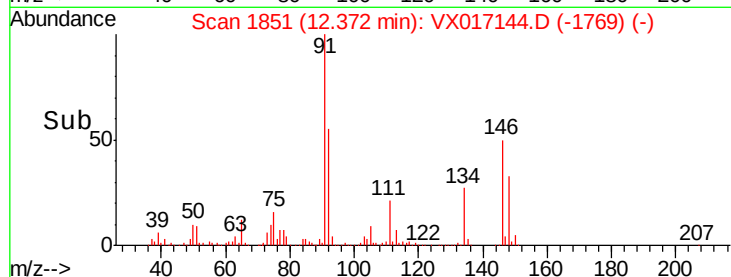
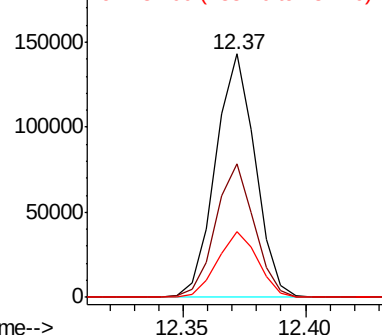


Abundance

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) (-)



#86

Hexachloroethane

Concen: 17.977 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX017144.D

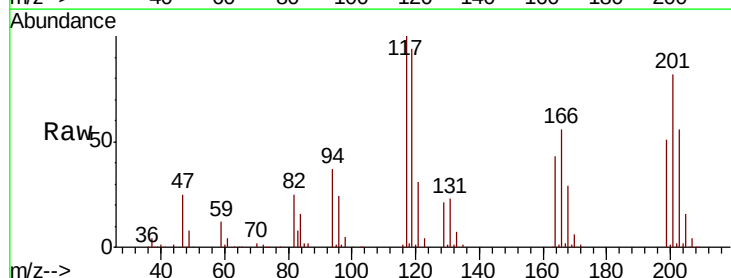
Acq: 02 Jul 2020 13:38

Tgt Ion: 117 Resp: 37406

Ion	Ratio	Lower	Upper
117	100		
201	81.0	34.6	103.9

117 100

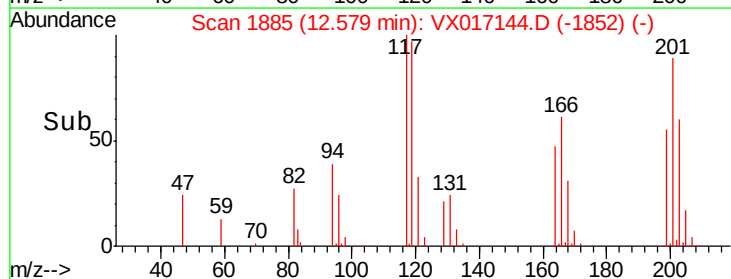
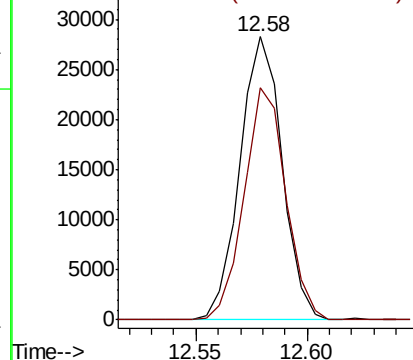
201 81.0 34.6 103.9

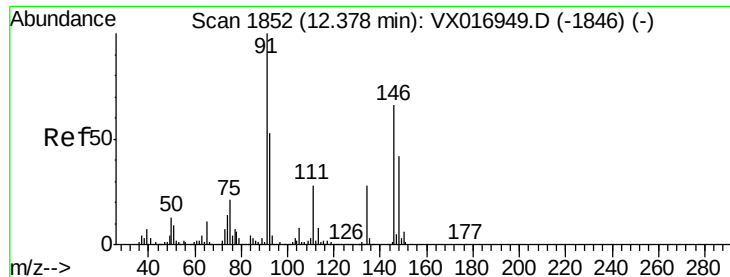


Abundance

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

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

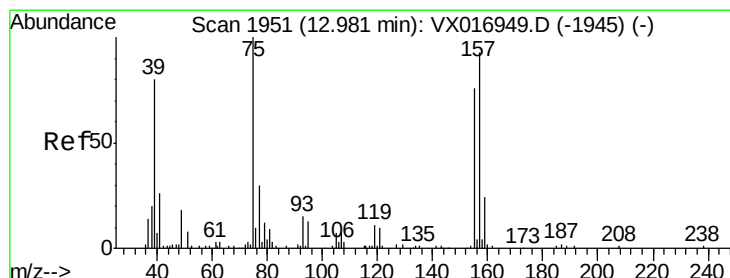
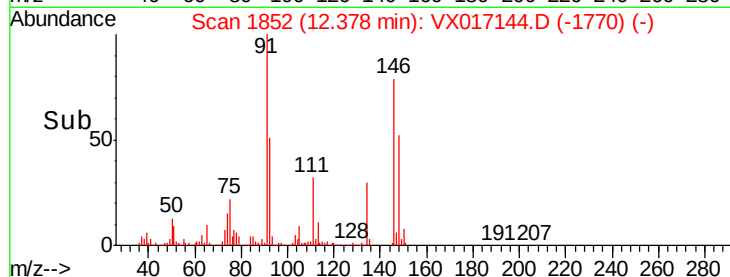
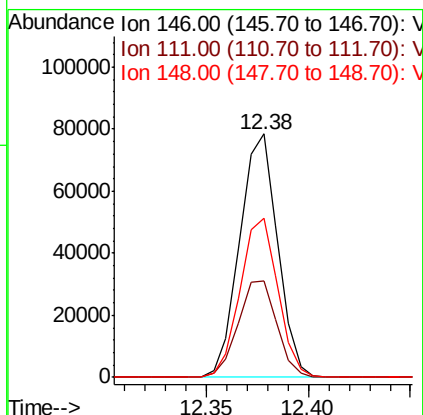
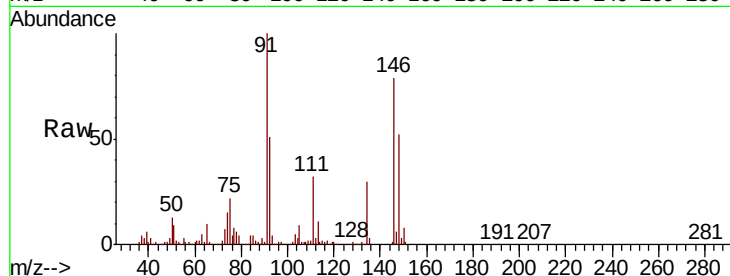




#87
 1,2-Dichlorobenzene
 Concen: 19.822 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX017144.D
 Acq: 02 Jul 2020 13:38

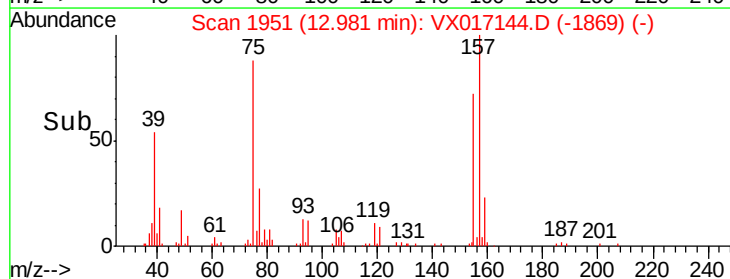
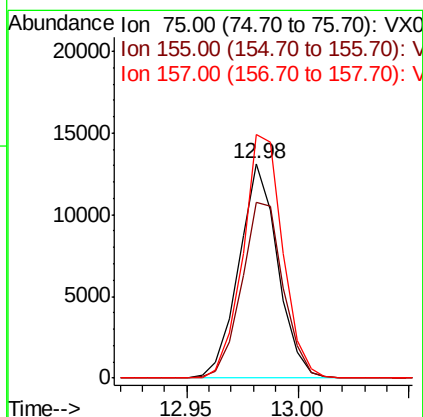
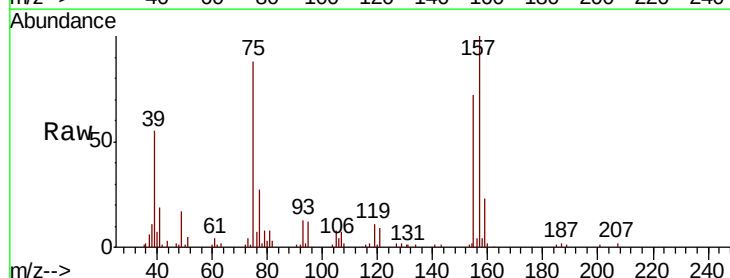
Instrument :
 MSVOA_X
 ClientSampled :

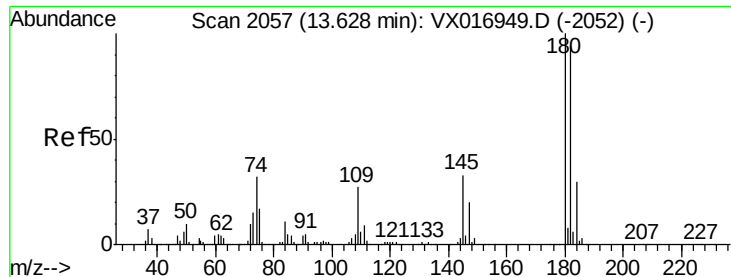
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	21.1	63.1
148	65.2	32.1	96.3



#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

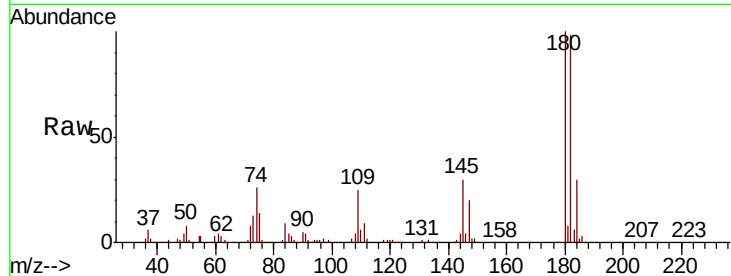




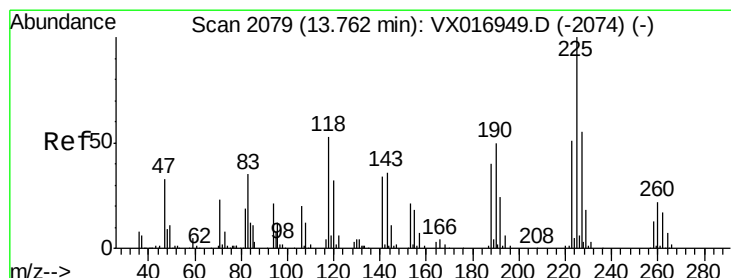
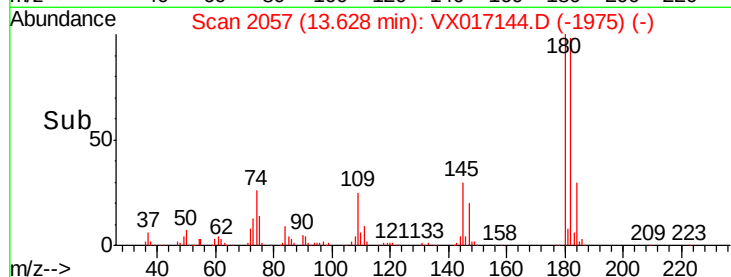
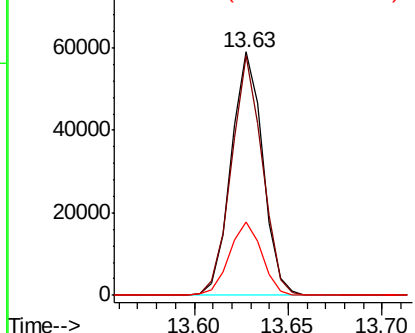
#89
1,2,4-Trichlorobenzene
Concen: 19.951 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. 0.00 min
Lab File: VX017144.D
Acq: 02 Jul 2020 13:38

Instrument :
MSVOA_X
ClientSampled :

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

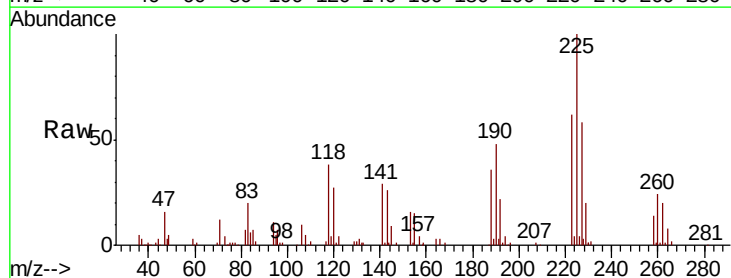


Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 145.00 (144.70 to 145.70): V

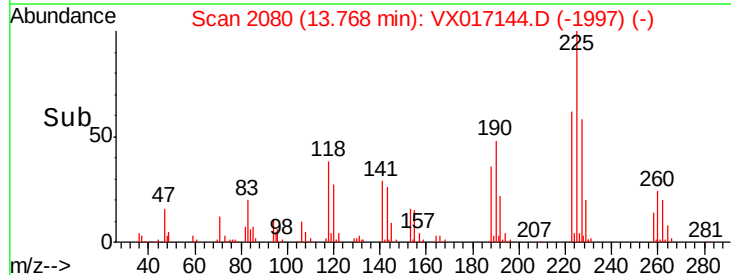
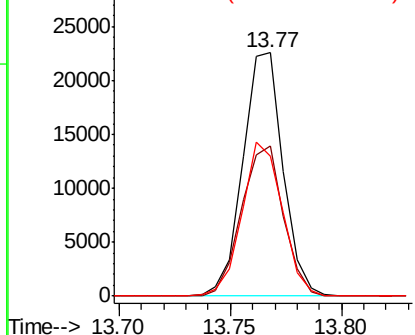


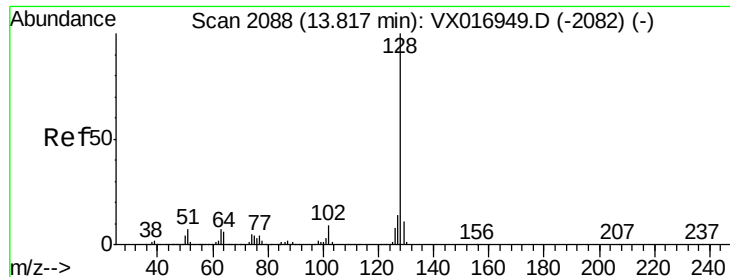
#90
Hexachlorobutadiene
Concen: 21.704 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. 0.01 min
Lab File: VX017144.D
Acq: 02 Jul 2020 13:38

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

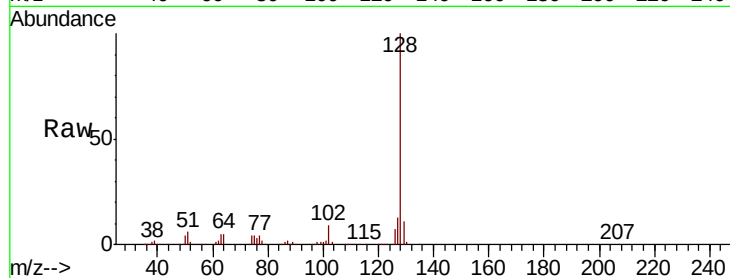
Instrument :

MSVOA_X

ClientSampled :

Tot Ion:128 Resp: 215255

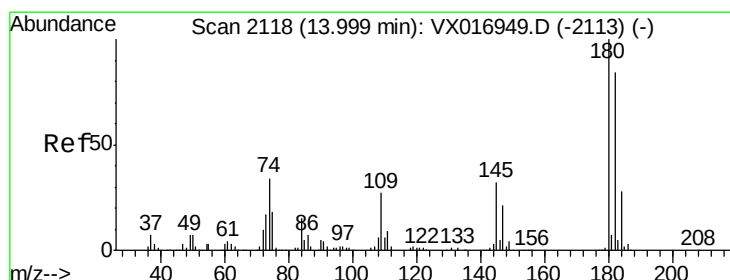
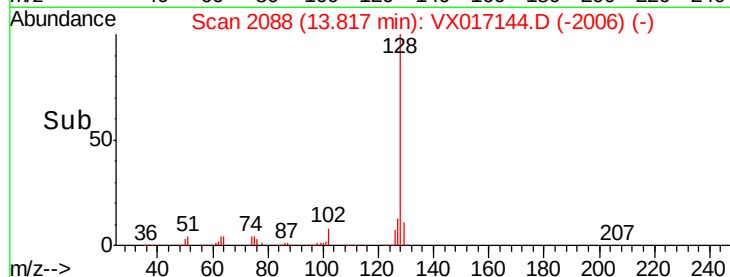
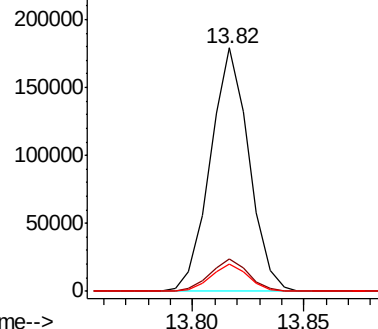
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.5	15.7
129	10.9	9.0	13.4



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

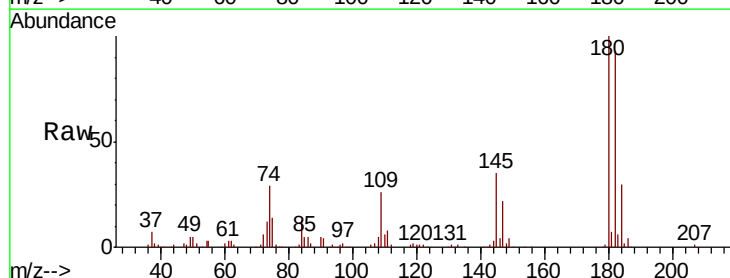
Delta R.T. 0.00 min

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

