

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062320\
 Data File : VX016938.D
 Acq On : 23 Jun 2020 18:47
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX062320

Quant Time: Jun 24 01:03:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062320W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 01:00:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	211043	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	348456	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	358957	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	169640	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	146293	43.84	ug/l	0.00
Spiked Amount			Recovery	=	87.68%	
35) Dibromofluoromethane	5.46	113	108704	45.59	ug/l	0.00
Spiked Amount			Recovery	=	91.18%	
50) Toluene-d8	8.70	98	381175	45.31	ug/l	0.00
Spiked Amount			Recovery	=	90.62%	
62) 4-Bromofluorobenzene	11.12	95	176737	52.18	ug/l	0.00
Spiked Amount			Recovery	=	104.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	128921	52.383	ug/l	100
3) Chloromethane	1.31	50	103289	44.579	ug/l	98
4) Vinyl Chloride	1.39	62	106916	46.152	ug/l	100
5) Bromomethane	1.62	94	68373	54.882	ug/l	99
6) Chloroethane	1.71	64	71018	42.328	ug/l	99
7) Trichlorofluoromethane	1.92	101	180175	44.093	ug/l	99
8) Diethyl Ether	2.17	74	67686	43.564	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.36	101	91988	40.367	ug/l	98
10) Methyl Iodide	2.49	142	132815	45.185	ug/l	98
11) Tert butyl alcohol	3.01	59	132263	188.743	ug/l	100
12) 1,1-Dichloroethene	2.36	96	89003	41.487	ug/l	92
13) Acrolein	2.27	56	94911	229.128	ug/l	100
14) Allyl chloride	2.71	41	176901	36.037	ug/l	96
15) Acrylonitrile	3.12	53	301805	197.162	ug/l	100
16) Acetone	2.42	43	262531	207.255	ug/l	98
17) Carbon Disulfide	2.55	76	242823	35.992	ug/l	99
18) Methyl Acetate	2.75	43	154561	36.848	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	357707	38.573	ug/l	99
20) Methylene Chloride	2.84	84	108427	34.314	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	102811	38.439	ug/l	96
22) Diisopropyl ether	3.82	45	380403	44.053	ug/l	99
23) Vinyl Acetate	3.79	43	1571437	225.329	ug/l	100
24) 1,1-Dichloroethane	3.67	63	195228	39.262	ug/l	98
25) 2-Butanone	4.64	43	432451	216.328	ug/l	99
26) 2,2-Dichloropropane	4.56	77	171030	39.125	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	122223	41.913	ug/l	96
28) Bromochloromethane	4.98	49	98943	38.311	ug/l	99
29) Tetrahydrofuran	5.09	42	310339	229.237	ug/l	99
30) Chloroform	5.18	83	227871	43.500	ug/l	95
31) Cyclohexane	5.55	56	195621	49.381	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	210861	45.915	ug/l	99
36) 1,1-Dichloropropene	5.77	75	172141	51.802	ug/l	99
37) Ethyl Acetate	4.79	43	176019	48.210	ug/l	99
38) Carbon Tetrachloride	5.75	117	188775	53.124	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	172026	46.972	ug/l	95
40) Benzene	6.12	78	490955	51.565	ug/l	99
41) Methacrylonitrile	5.01	41	102153	48.028	ug/l	96
42) 1,2-Dichloroethane	6.17	62	194489	49.766	ug/l	99
43) Isopropyl Acetate	6.42	43	345949	54.381	ug/l	100
44) Trichloroethene	7.19	130	133602	50.131	ug/l	97
45) 1,2-Dichloropropane	7.49	63	128461	48.700	ug/l	99
46) Dibromomethane	7.64	93	86098	47.225	ug/l	99
47) Bromodichloromethane	7.88	83	199244	52.107	ug/l	100
48) Methyl methacrylate	7.74	41	151464	51.204	ug/l	98
49) 1,4-Dioxane	7.71	88	61565	967.735	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	941406	254.057	ug/l	100
52) Toluene	8.76	92	294852	50.415	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	206286	46.869	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	236356	55.652	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	124877	47.144	ug/l	98
56) Ethyl methacrylate	9.16	69	196754	47.956	ug/l	98
57) 1,3-Dichloropropane	9.35	76	216686	48.809	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	535782	318.808	ug/l	100
59) 2-Hexanone	9.47	43	730927	257.597	ug/l	99
60) Dibromochloromethane	9.57	129	139875	48.274	ug/l	100
61) 1,2-Dibromoethane	9.65	107	137463	50.406	ug/l	100
64) Tetrachloroethene	9.32	164	105081	43.125	ug/l	92
65) Chlorobenzene	10.12	112	346359	47.239	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	134855	47.484	ug/l	98
67) Ethyl Benzene	10.24	91	626249	47.761	ug/l	99
68) m/p-Xylenes	10.34	106	442774	91.948	ug/l	98
69) o-Xylene	10.68	106	217269	47.233	ug/l	99
70) Styrene	10.70	104	384650	49.133	ug/l	99
71) Bromoform	10.84	173	108131	51.202	ug/l #	99
73) Isopropylbenzene	11.00	105	630407	50.081	ug/l	100
74) N-amyl acetate	10.88	43	321225	50.991	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	197876	46.978	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	258407	63.504	ug/l	86
77) Bromobenzene	11.24	156	147117	47.603	ug/l	98
78) n-propylbenzene	11.34	91	735969	51.285	ug/l	100
79) 2-Chlorotoluene	11.40	91	440023	48.427	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	519584	49.011	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	78720	48.245	ug/l	100
82) 4-Chlorotoluene	11.49	91	515225	47.367	ug/l	100
83) tert-Butylbenzene	11.76	119	476243	45.883	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	496556	47.145	ug/l	99
85) sec-Butylbenzene	11.93	105	594567	50.779	ug/l	100
86) p-Isopropyltoluene	12.05	119	538613	49.701	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	267807	48.182	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	261663	46.000	ug/l	98
89) n-Butylbenzene	12.37	91	455911	44.432	ug/l	99
90) Hexachloroethane	12.58	117	102803	48.290	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	233203	43.540	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	49699	47.325	ug/l	96

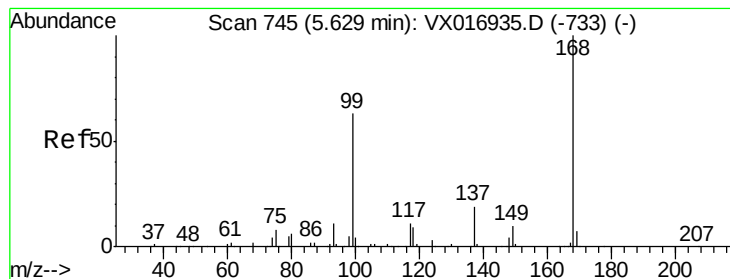
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	169387	48.412	ug/l	98
94) Hexachlorobutadiene	13.76	225	56165	46.013	ug/l	97
95) Naphthalene	13.82	128	620631	52.201	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	167550	49.506	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX016938.D

Acq: 23 Jun 2020 18:47

Instrument :

MSVOA_X

ClientSampleId :

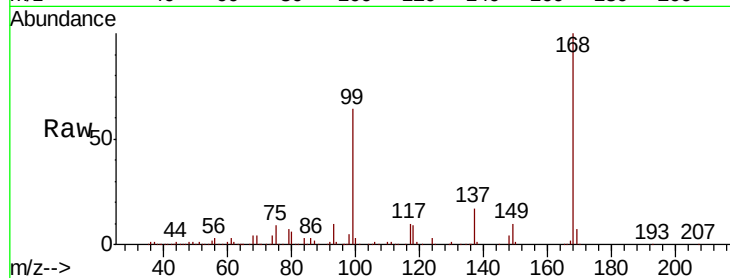
ICVVX062320

Tot Ion:168 Resp: 211043

Ion Ratio Lower Upper

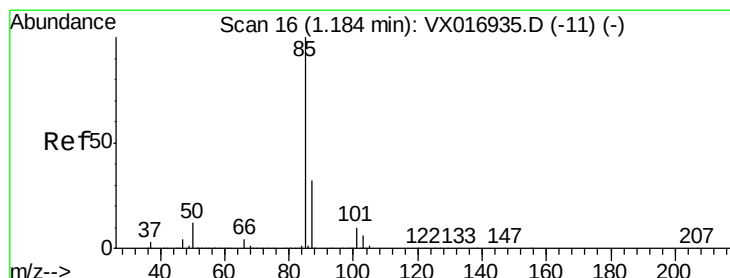
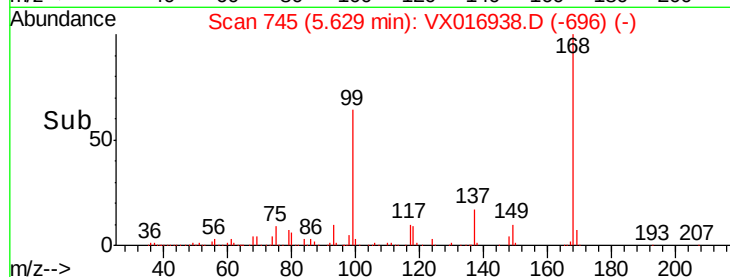
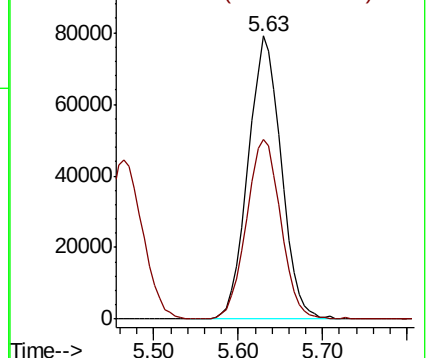
168 100

99 63.4 50.6 75.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 52.383 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016938.D

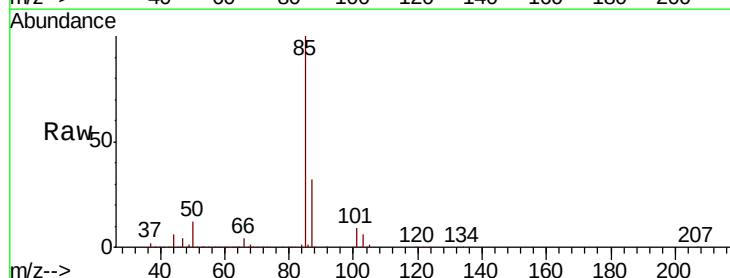
Acq: 23 Jun 2020 18:47

Tgt Ion: 85 Resp: 128921

Ion Ratio Lower Upper

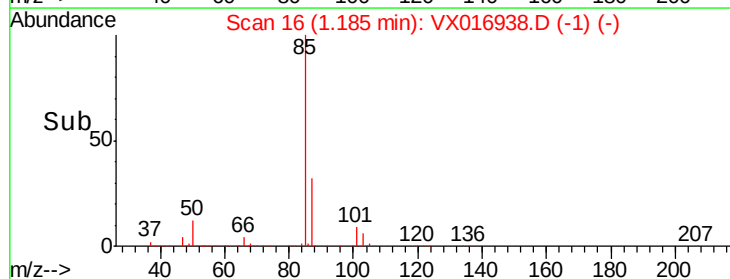
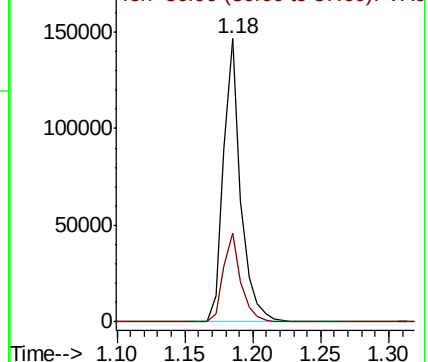
85 100

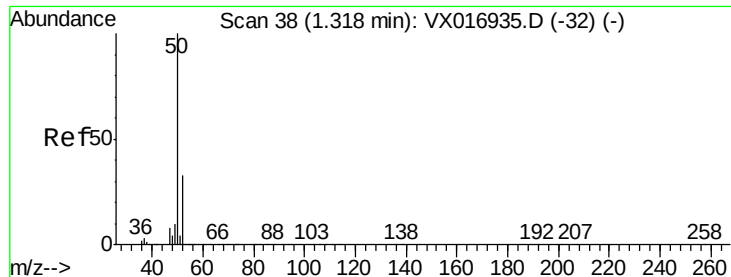
87 31.5 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 44.579 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX016938.D

Acq: 23 Jun 2020 18:47

Instrument :

MSVOA_X

ClientSampleId :

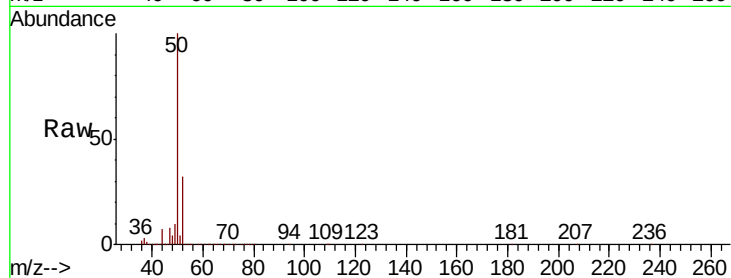
ICVVX062320

Tot Ion: 50 Resp: 103289

Ion Ratio Lower Upper

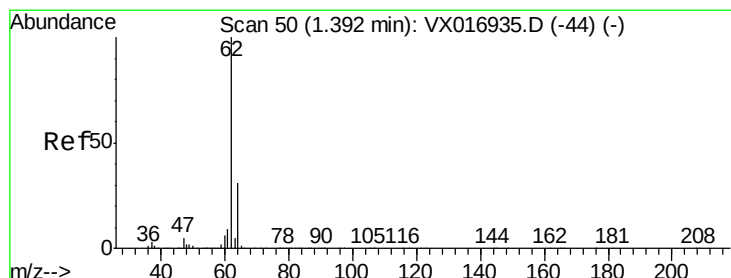
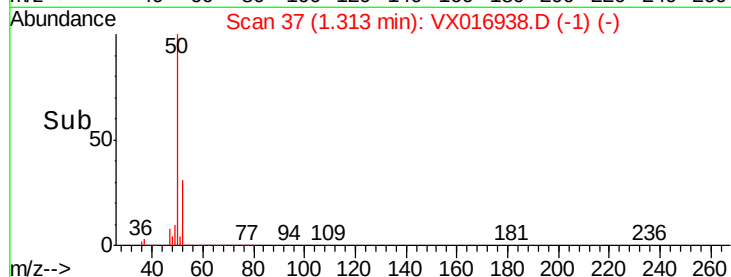
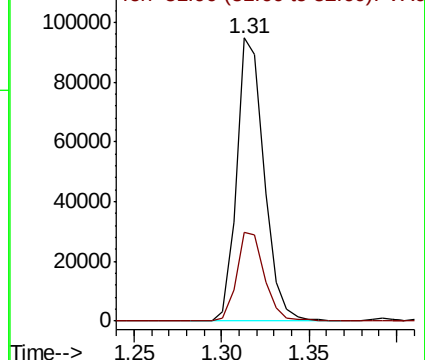
50 100

52 31.4 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 46.152 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016938.D

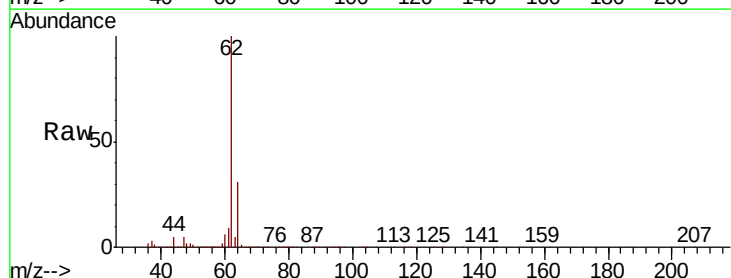
Acq: 23 Jun 2020 18:47

Tgt Ion: 62 Resp: 106916

Ion Ratio Lower Upper

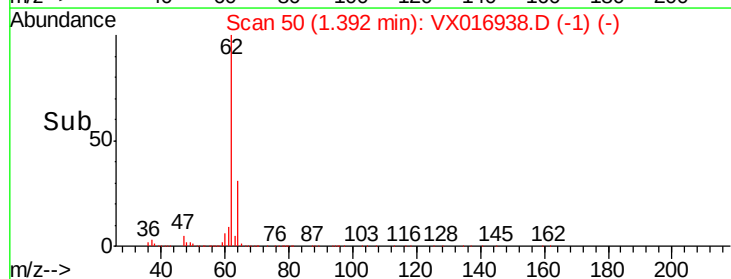
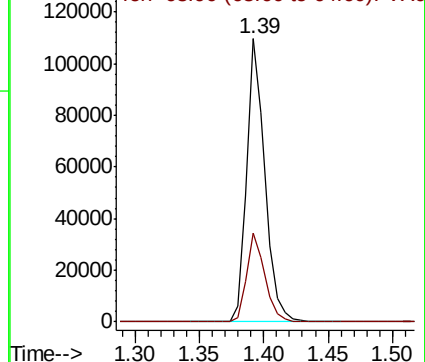
62 100

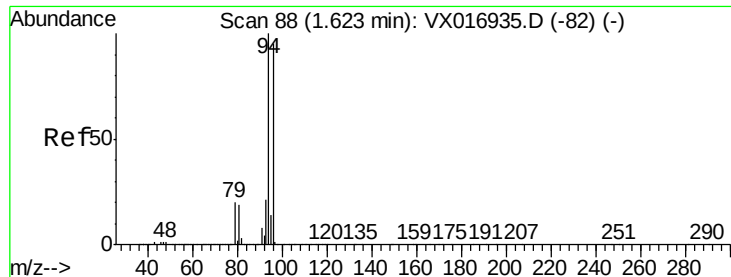
64 31.1 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 54.882 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX016938.D

Acq: 23 Jun 2020 18:47

Instrument :

MSVOA_X

ClientSampleId :

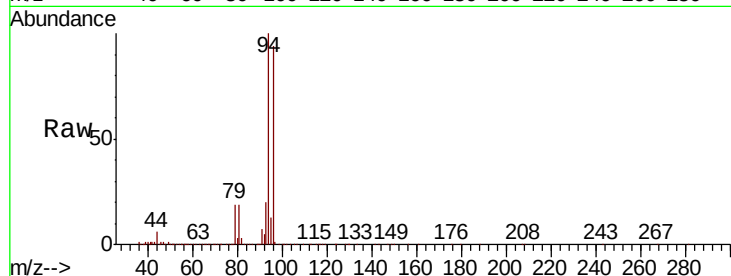
ICVVX062320

Tot Ion: 94 Resp: 68373

Ion Ratio Lower Upper

94 100

96 94.1 75.9 113.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

80000

60000

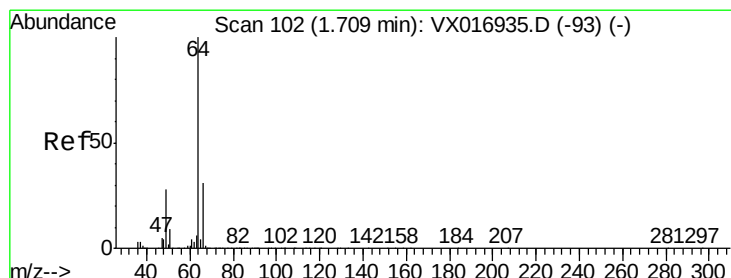
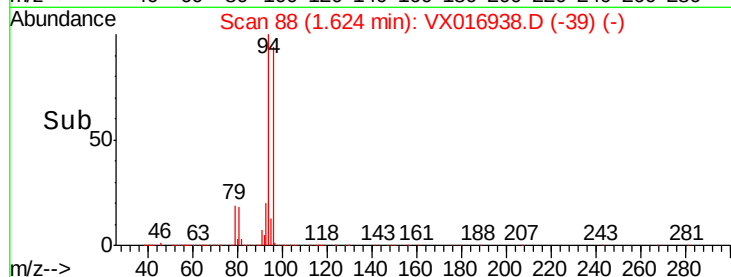
40000

20000

0

1.55 1.60 1.65 1.70 1.75

Time-->



#6

Chloroethane

Concen: 42.328 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX016938.D

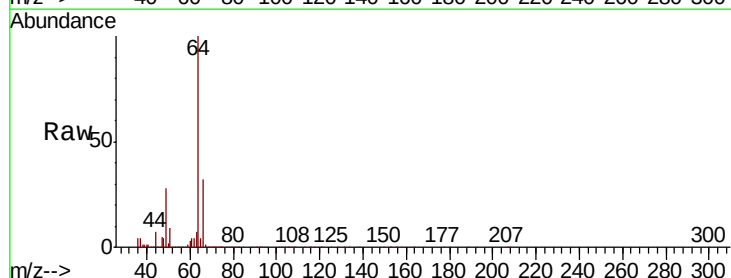
Acq: 23 Jun 2020 18:47

Tgt Ion: 64 Resp: 71018

Ion Ratio Lower Upper

64 100

66 31.8 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

60000

50000

40000

30000

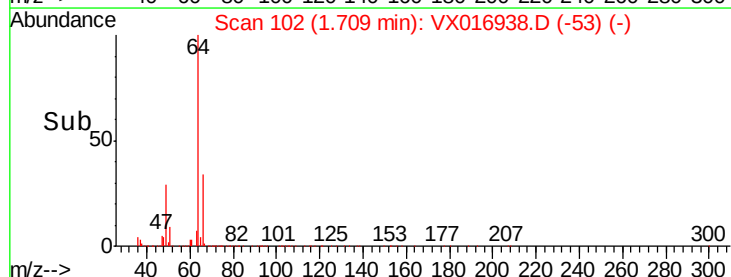
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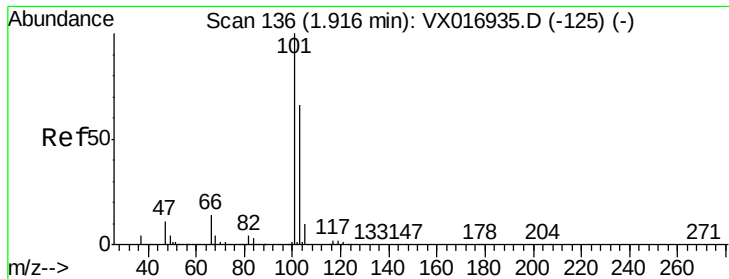
10000

0

1.65 1.70 1.75 1.80

Time-->



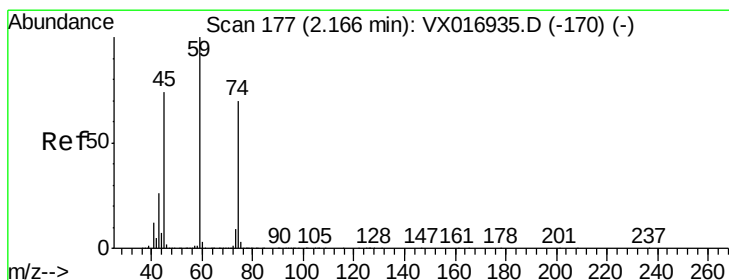
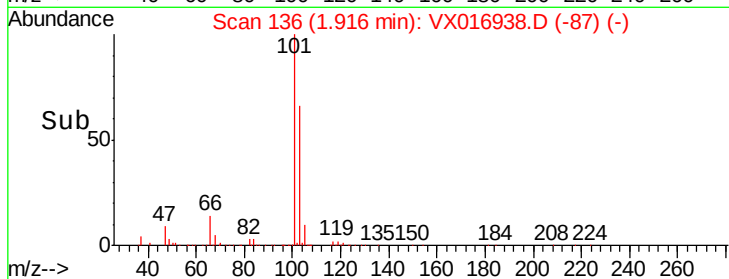
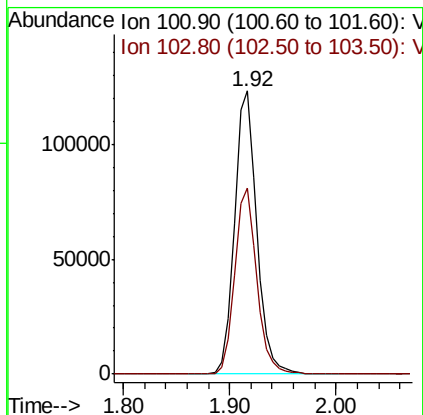
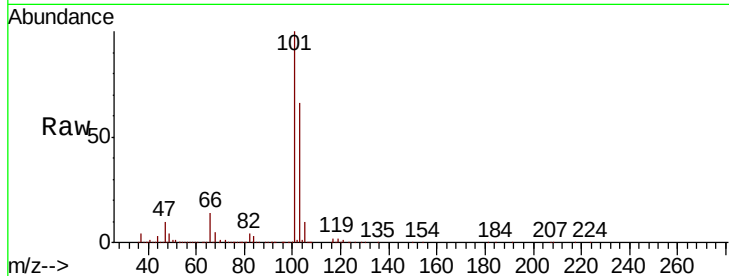


#7

Trichlorofluoromethane
Concen: 44.093 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX016938.D
Acq: 23 Jun 2020 18:47

Instrument :
MSVOA_X
ClientSampleId :
ICVVX062320

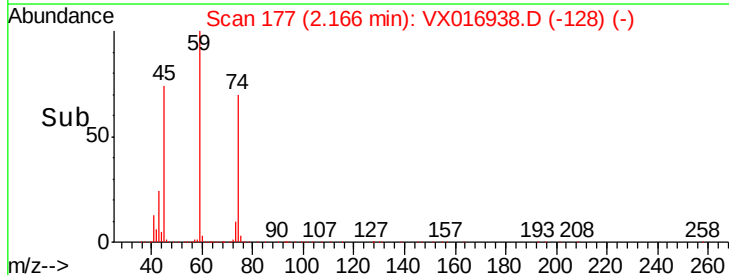
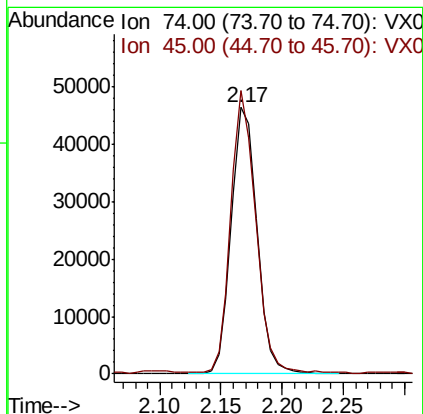
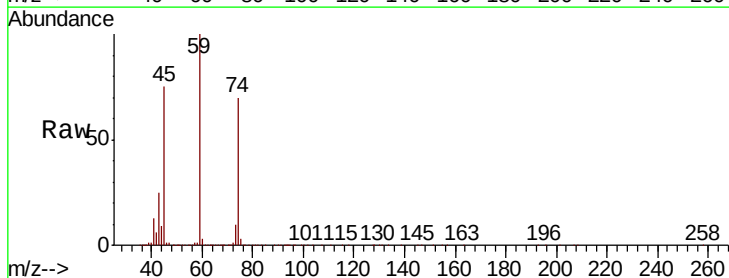
Tot Ion:101 Resp: 180175
Ion Ratio Lower Upper
101 100
103 65.7 53.0 79.4

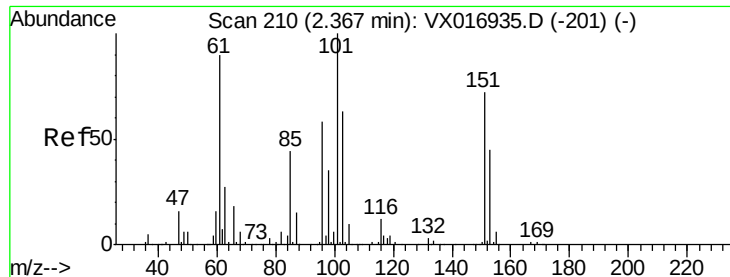


#8

Diethyl Ether
Concen: 43.564 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX016938.D
Acq: 23 Jun 2020 18:47

Tgt Ion: 74 Resp: 67686
Ion Ratio Lower Upper
74 100
45 101.4 52.6 157.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 40.367 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX016938.D

Acq: 23 Jun 2020 18:47

Instrument :

MSVOA_X

ClientSampleId :

ICVVX062320

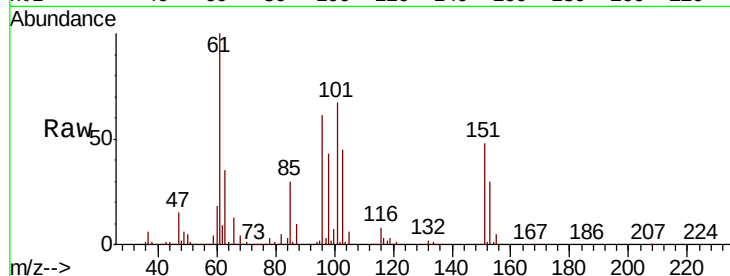
Tot Ion:101 Resp: 91988

Ion Ratio Lower Upper

101 100

85 46.4 36.9 55.3

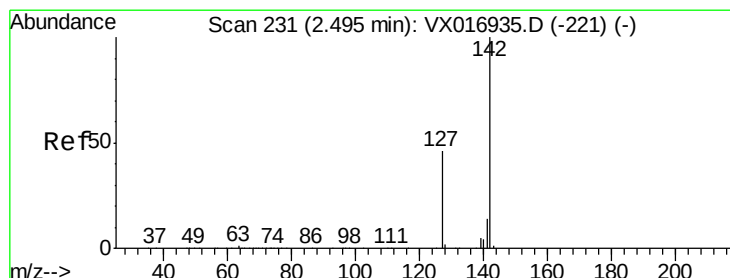
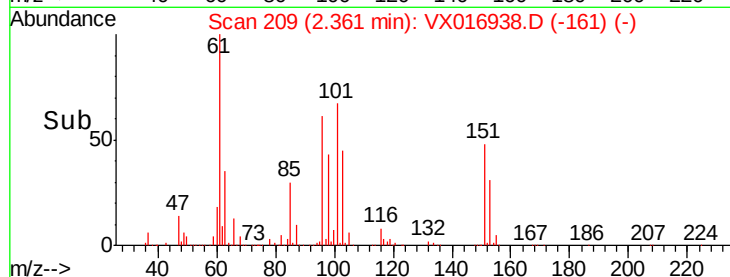
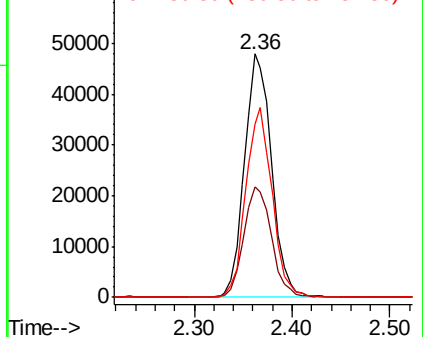
151 75.7 58.4 87.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 45.185 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.01 min

Lab File: VX016938.D

Acq: 23 Jun 2020 18:47

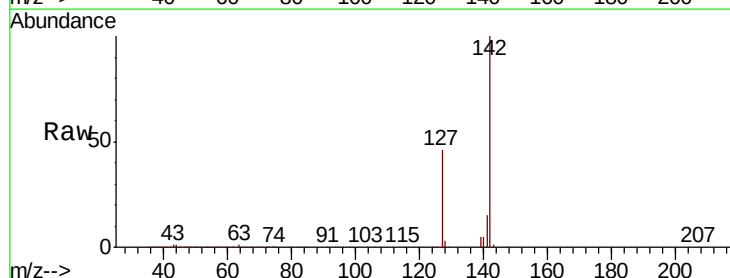
Tgt Ion:142 Resp: 132815

Ion Ratio Lower Upper

142 100

127 46.4 38.3 57.5

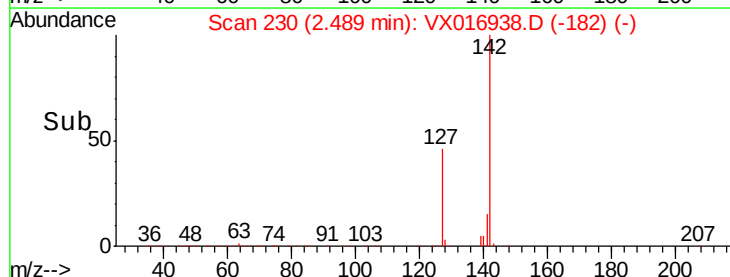
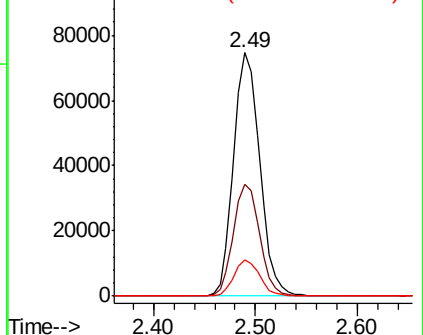
141 14.8 11.9 17.9

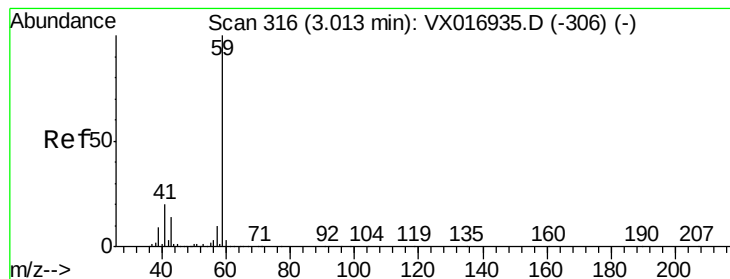


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



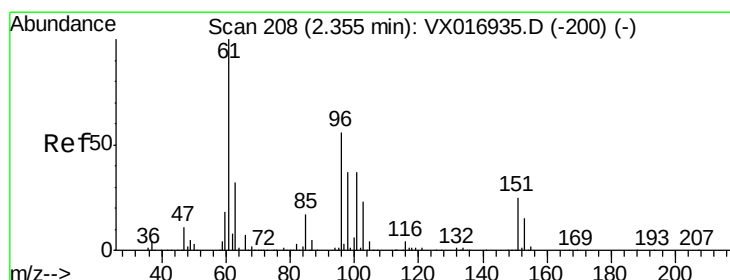
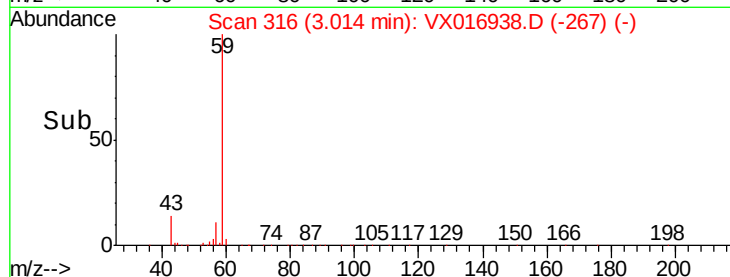
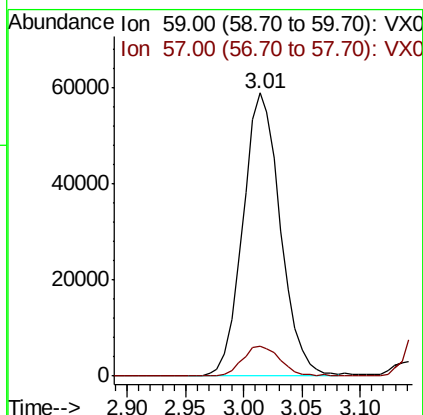
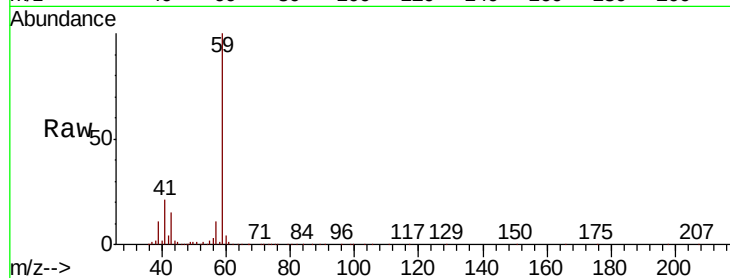


#11

Tert butyl alcohol
 Concen: 188.743 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. 0.00 min
 Lab File: VX016938.D
 Acq: 23 Jun 2020 18:47

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX062320

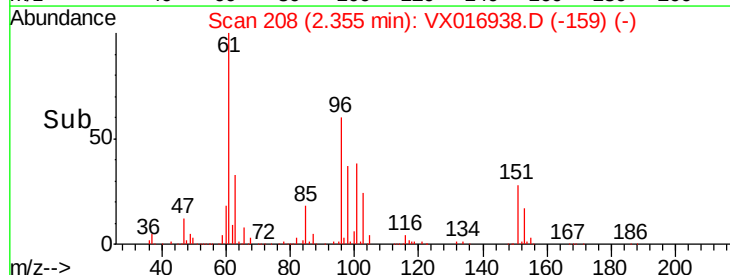
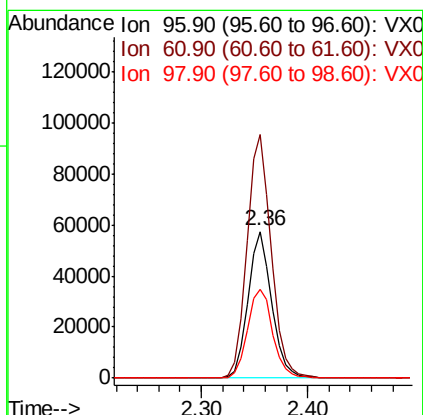
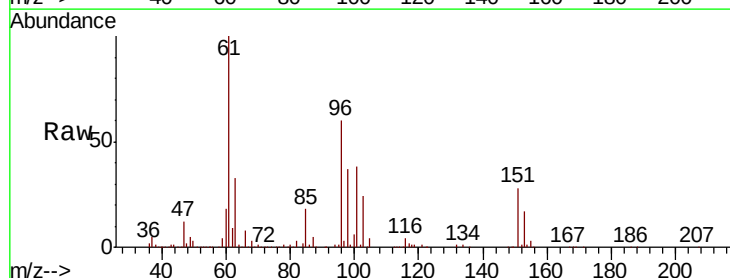
Tot Ion: 59 Resp: 132263
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.6 12.8

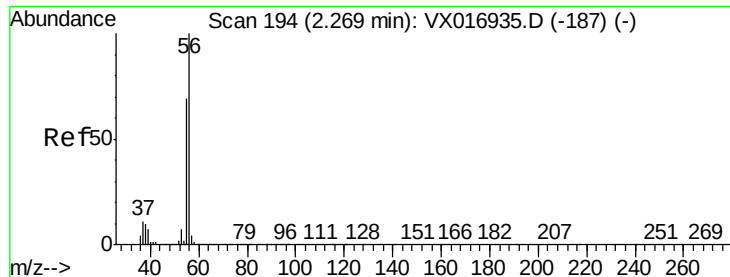


#12

1,1-Dichloroethene
 Concen: 41.487 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. 0.00 min
 Lab File: VX016938.D
 Acq: 23 Jun 2020 18:47

Tgt Ion: 96 Resp: 89003
 Ion Ratio Lower Upper
 96 100
 61 166.1 142.3 213.5
 98 60.9 53.2 79.8





#13

Acrolein

Concen: 229.128 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX016938.D

Acq: 23 Jun 2020 18:47

Instrument :

MSVOA_X

ClientSampleId :

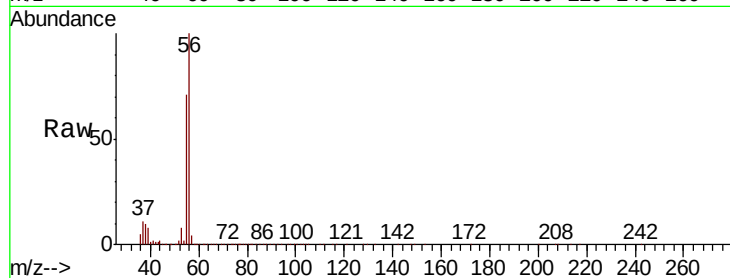
ICVVX062320

Tot Ion: 56 Resp: 94911

Ion Ratio Lower Upper

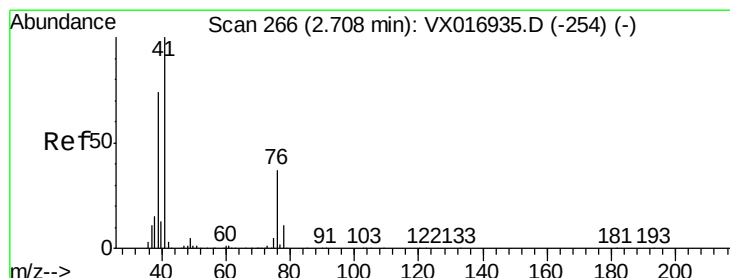
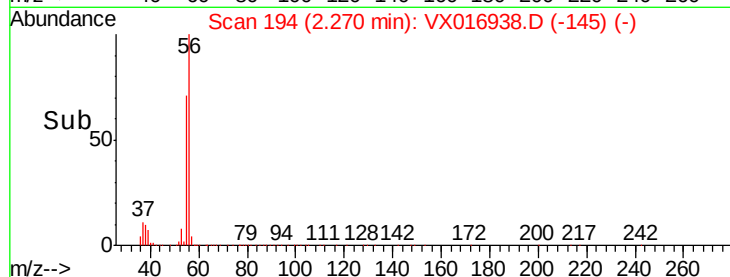
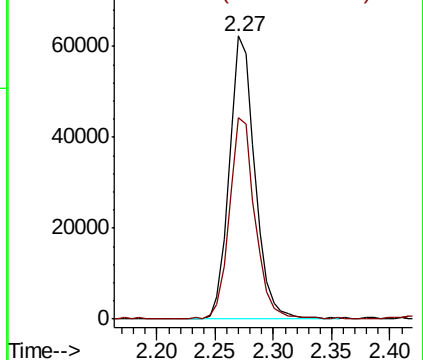
56 100

55 71.4 57.1 85.7



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 36.037 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX016938.D

Acq: 23 Jun 2020 18:47

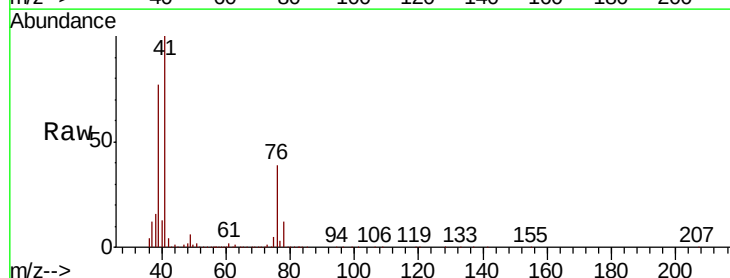
Tgt Ion: 41 Resp: 176901

Ion Ratio Lower Upper

41 100

39 70.1 53.3 79.9

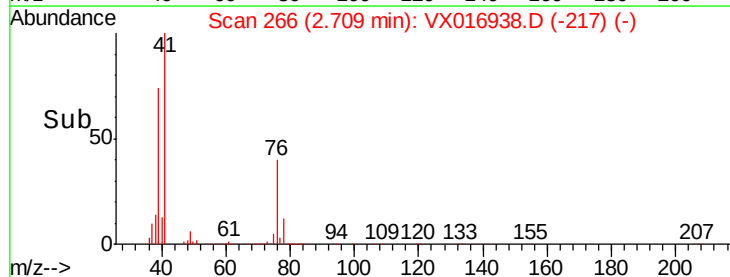
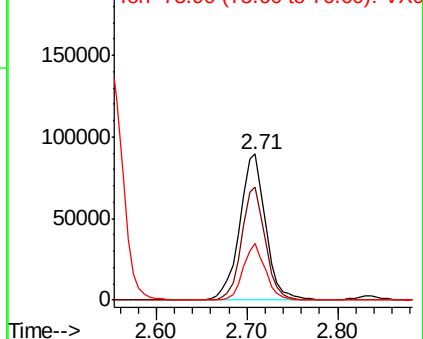
76 33.2 25.2 37.8

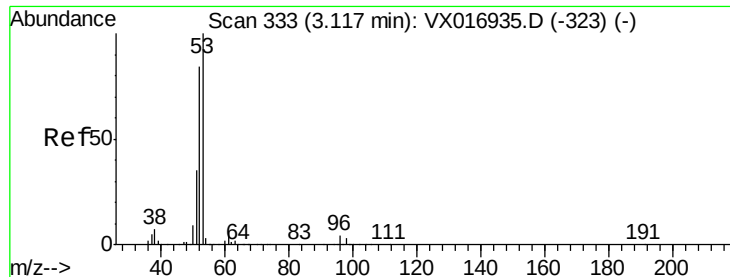


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 197.162 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX016938.D

Acq: 23 Jun 2020 18:47

Instrument :

MSVOA_X

ClientSampleId :

ICVVX062320

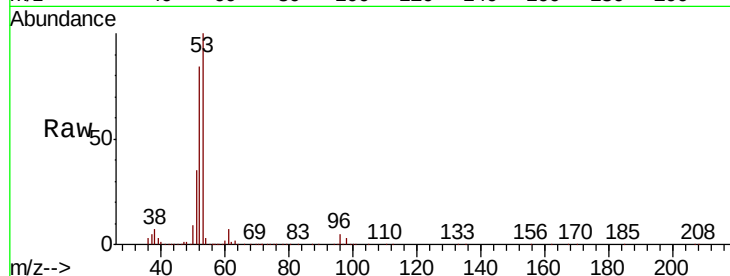
Tot Ion: 53 Resp: 301805

Ion Ratio Lower Upper

53 100

52 82.6 66.0 99.0

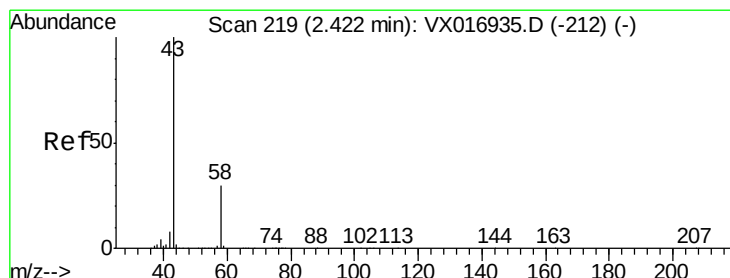
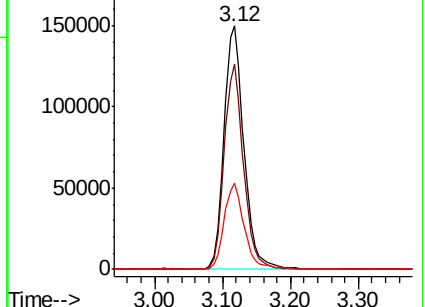
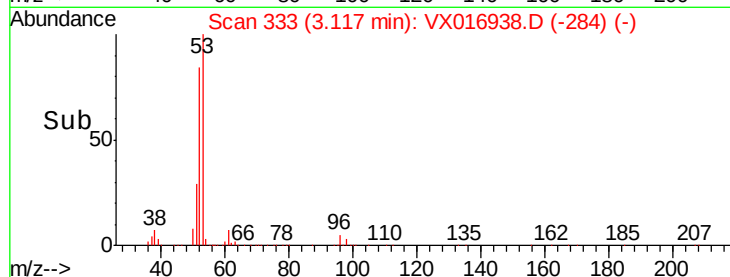
51 35.6 28.9 43.3



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 207.255 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016938.D

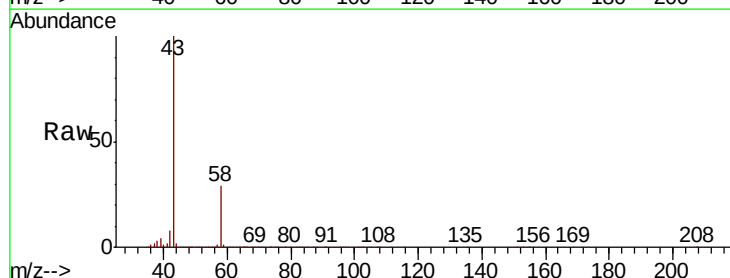
Acq: 23 Jun 2020 18:47

Tgt Ion: 43 Resp: 262531

Ion Ratio Lower Upper

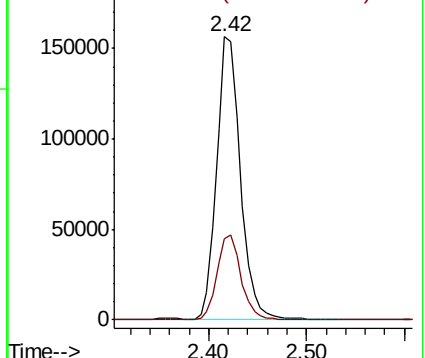
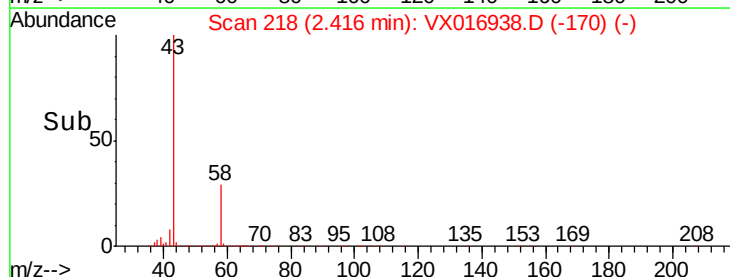
43 100

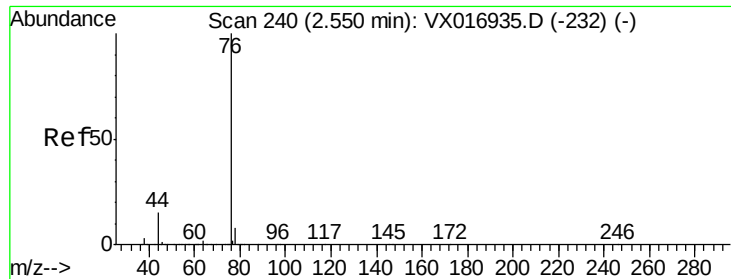
58 28.7 23.9 35.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 35.992 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016938.D

Acq: 23 Jun 2020 18:47

Instrument :

MSVOA_X

ClientSampleId :

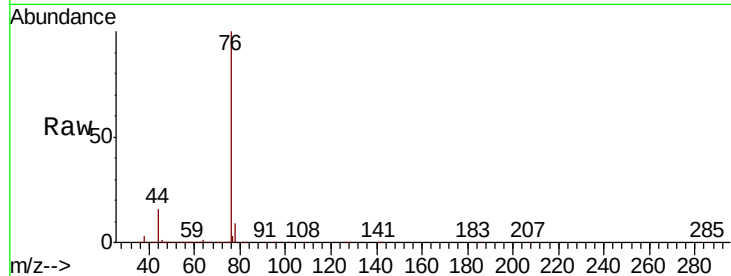
ICVVX062320

Tot Ion: 76 Resp: 242823

Ion Ratio Lower Upper

76 100

78 8.8 6.6 10.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

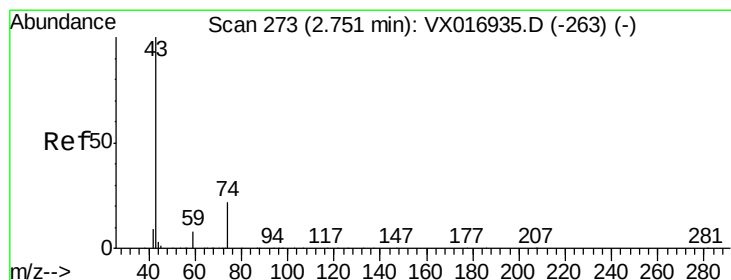
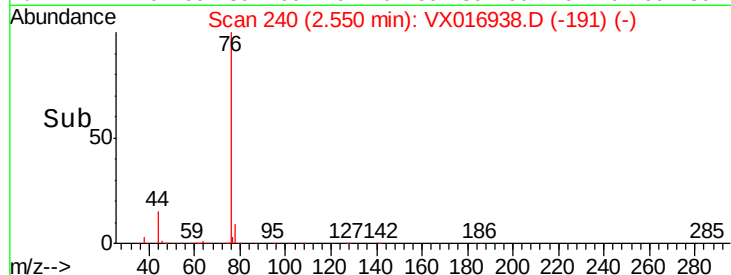
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 36.848 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX016938.D

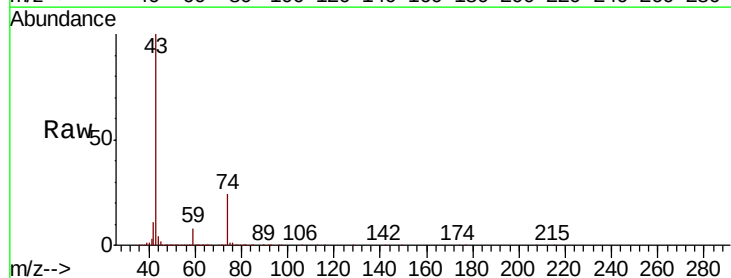
Acq: 23 Jun 2020 18:47

Tgt Ion: 43 Resp: 154561

Ion Ratio Lower Upper

43 100

74 23.6 18.6 27.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

100000

80000

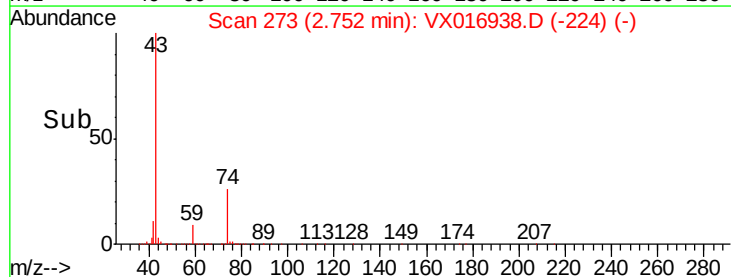
60000

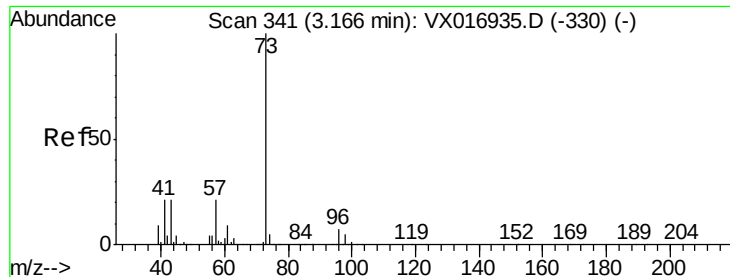
40000

20000

0

Time-->



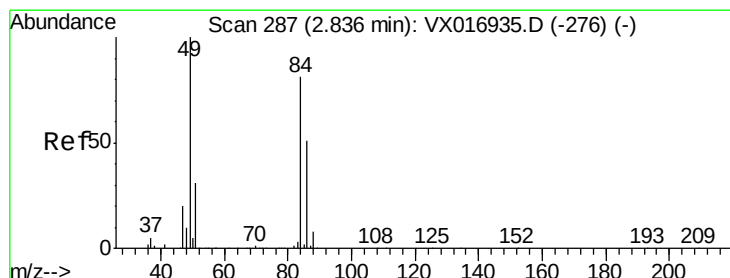
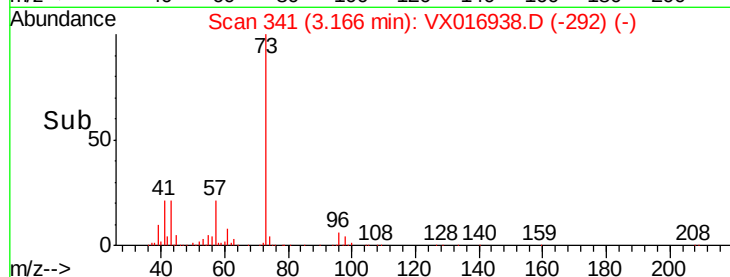
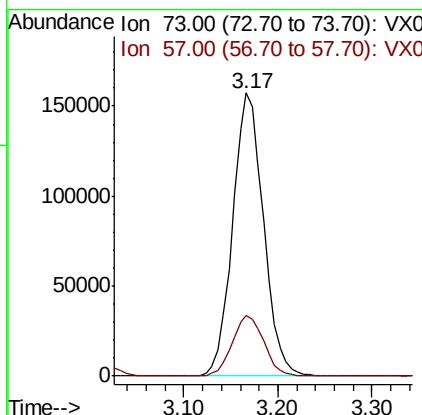
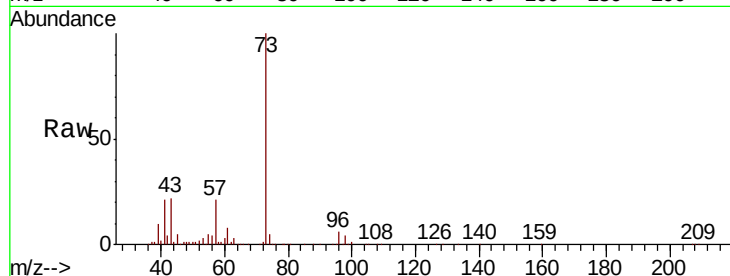


#19

Methyl tert-butyl Ether
 Concen: 38.573 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX016938.D
 Acq: 23 Jun 2020 18:47

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX062320

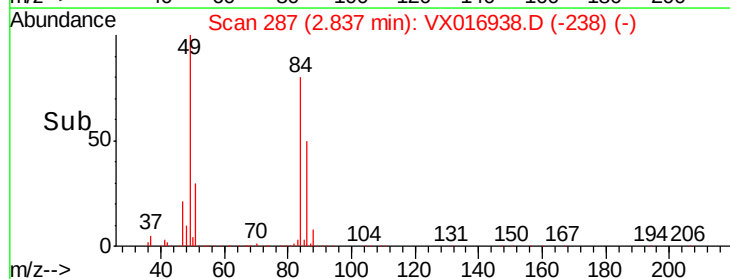
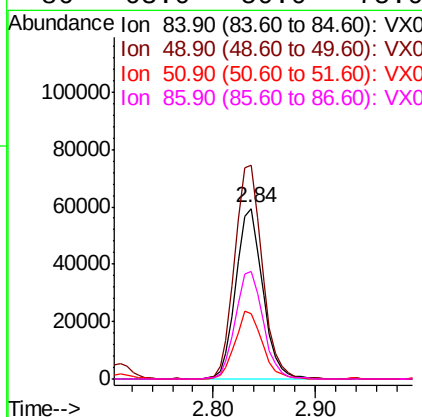
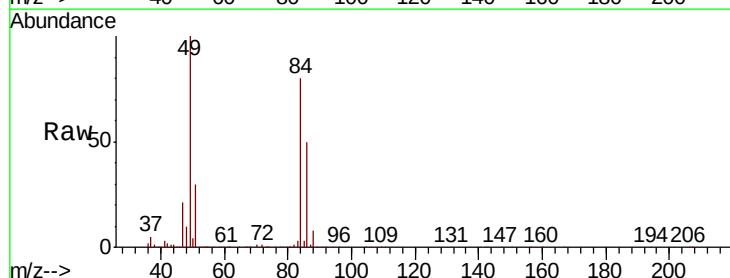
Tot Ion: 73 Resp: 357707
 Ion Ratio Lower Upper
 73 100
 57 21.3 16.7 25.1

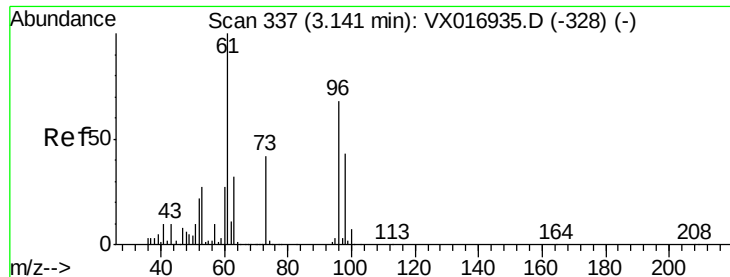


#20

Methylene Chloride
 Concen: 34.314 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: VX016938.D
 Acq: 23 Jun 2020 18:47

Tgt Ion: 84 Resp: 108427
 Ion Ratio Lower Upper
 84 100
 49 125.0 98.2 147.4
 51 38.0 30.7 46.1
 86 63.0 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 38.439 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX016938.D

Acq: 23 Jun 2020 18:47

Instrument :

MSVOA_X

ClientSampleId :

ICVVX062320

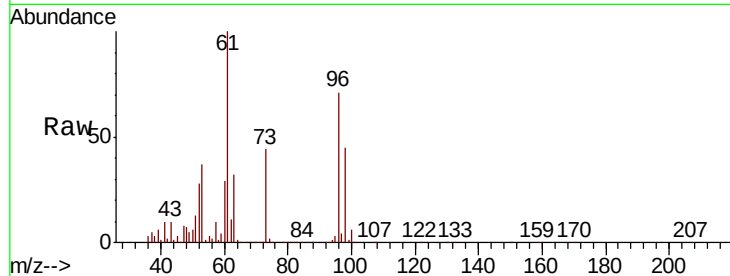
Tot Ion: 96 Resp: 102811

Ion Ratio Lower Upper

96 100

61 139.8 118.1 177.1

98 63.2 50.7 76.1

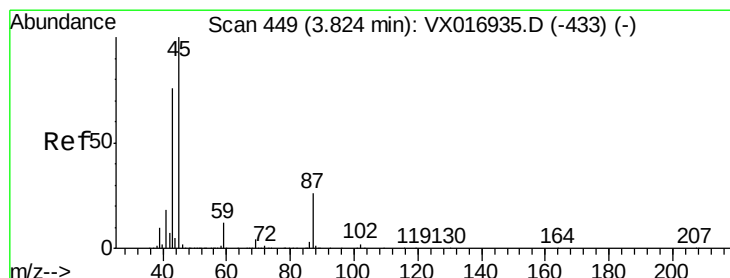
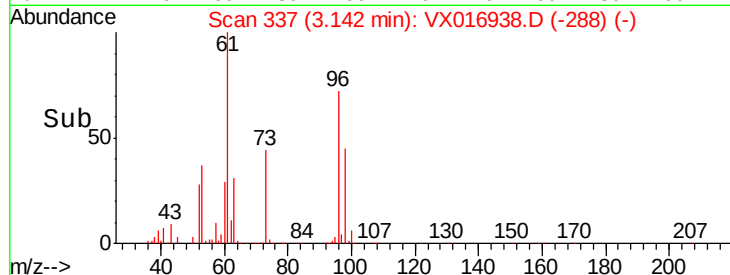
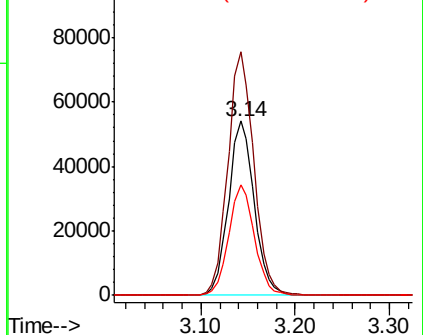


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 44.053 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX016938.D

Acq: 23 Jun 2020 18:47

Tgt Ion: 45 Resp: 380403

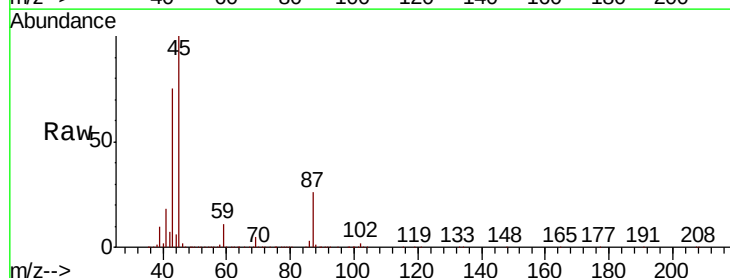
Ion Ratio Lower Upper

45 100

43 74.7 61.0 91.4

87 25.8 20.6 30.8

59 11.4 9.3 13.9



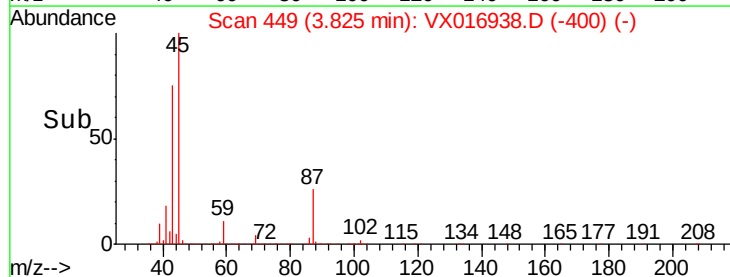
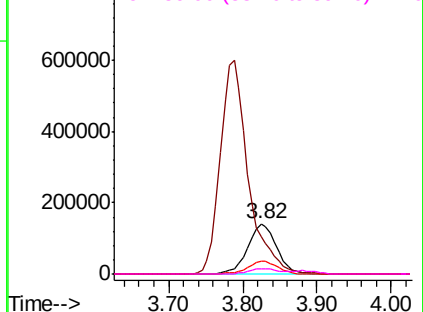
Abundance

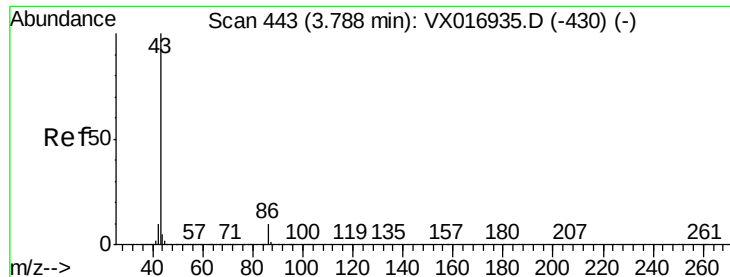
Ion 45.00 (44.70 to 45.70): VX0

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





#23

Vinyl Acetate

Concen: 225.329 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX016938.D

Acq: 23 Jun 2020 18:47

Instrument :

MSVOA_X

ClientSampleId :

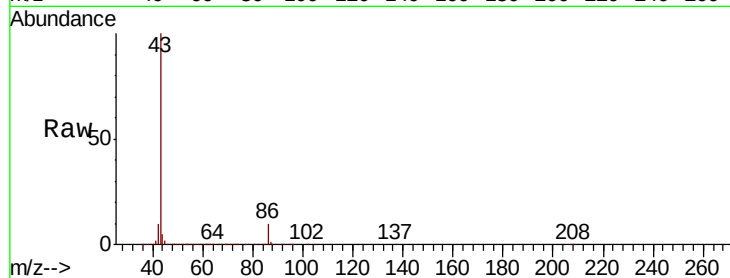
ICVVX062320

Tot Ion: 43 Resp: 1571437

Ion Ratio Lower Upper

43 100

86 10.1 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.79

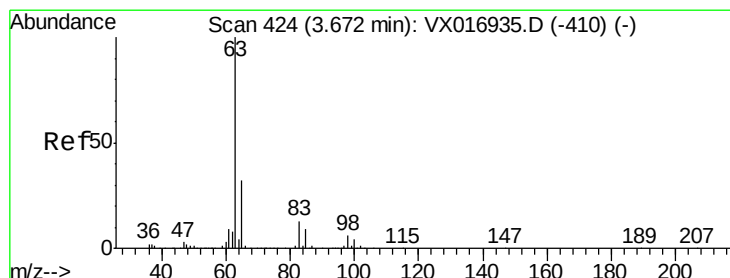
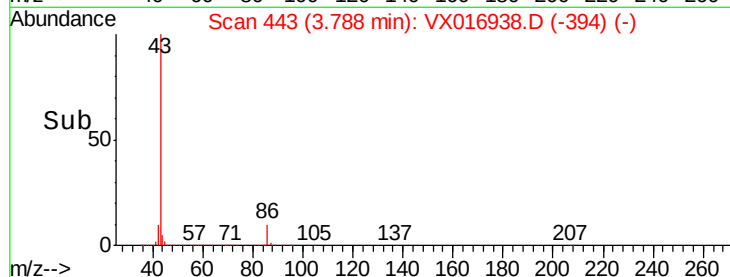
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 39.262 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX016938.D

Acq: 23 Jun 2020 18:47

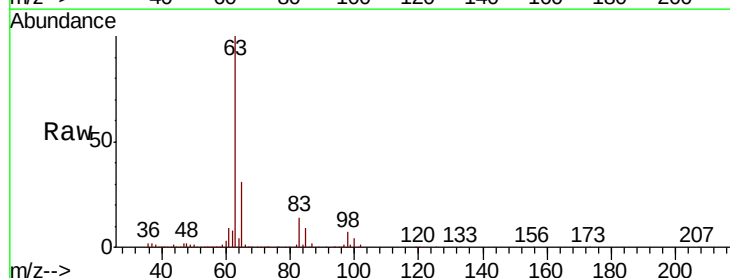
Tgt Ion: 63 Resp: 195228

Ion Ratio Lower Upper

63 100

98 7.1 3.1 9.3

100 4.1 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.67

100000

80000

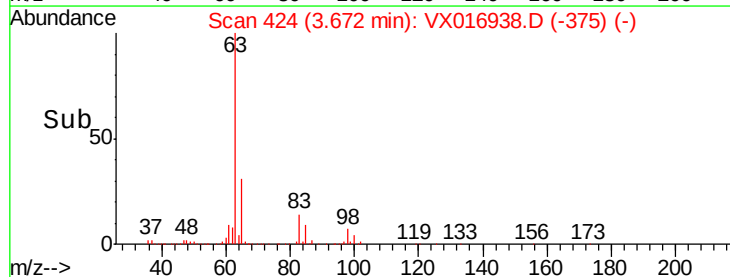
60000

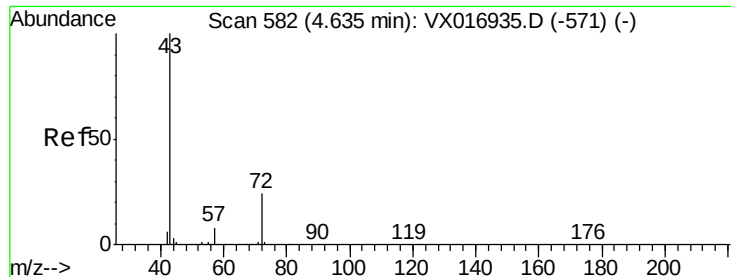
40000

20000

0

Time-->

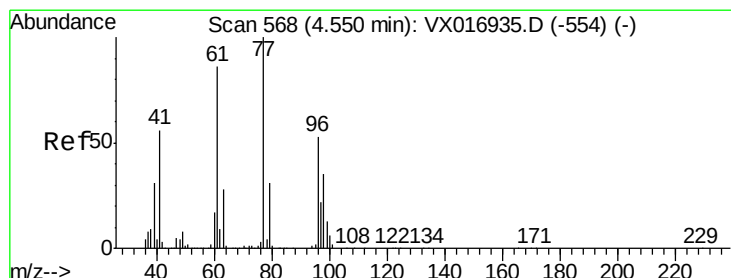
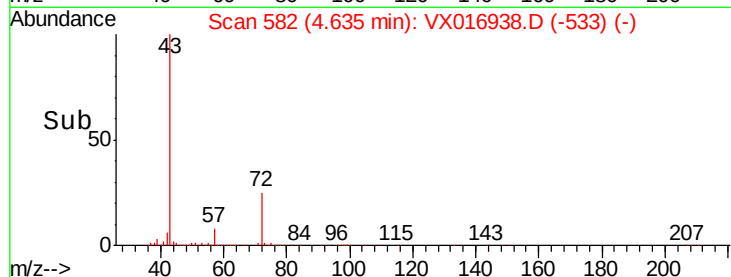
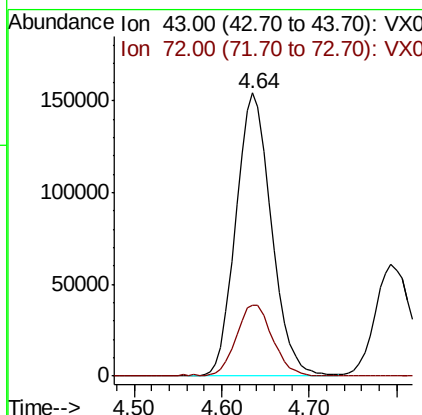
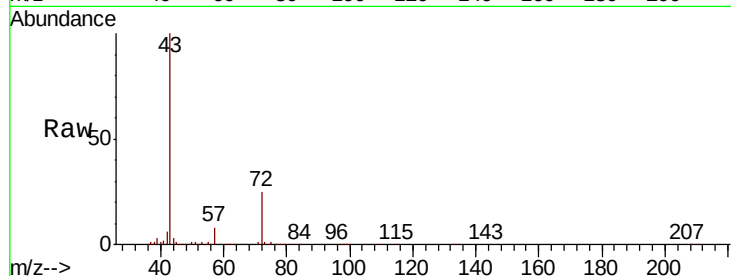




#25
2-Butanone
Concen: 216.328 ug/l
RT: 4.64 min Scan# 582
Delta R.T. 0.00 min
Lab File: VX016938.D
Acq: 23 Jun 2020 18:47

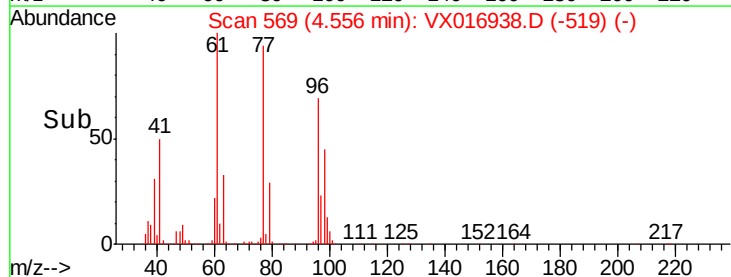
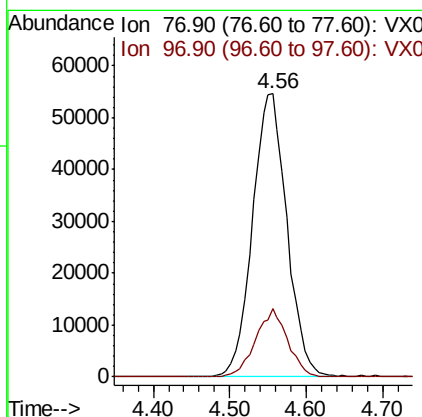
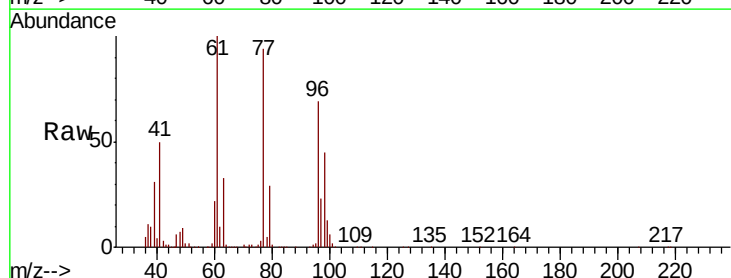
Instrument :
MSVOA_X
ClientSampleId :
ICVVX062320

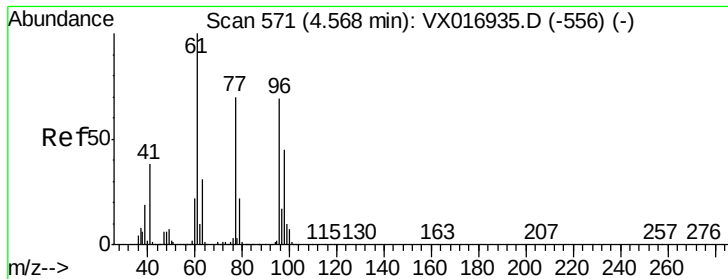
Tot Ion: 43 Resp: 432451
Ion Ratio Lower Upper
43 100
72 25.0 19.6 29.4



#26
2,2-Dichloropropane
Concen: 39.125 ug/l
RT: 4.56 min Scan# 569
Delta R.T. 0.01 min
Lab File: VX016938.D
Acq: 23 Jun 2020 18:47

Tgt Ion: 77 Resp: 171030
Ion Ratio Lower Upper
77 100
97 22.3 10.9 32.9



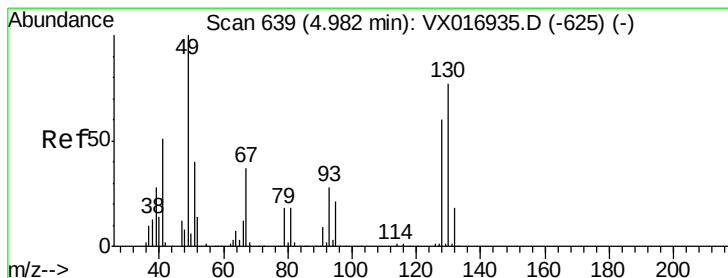
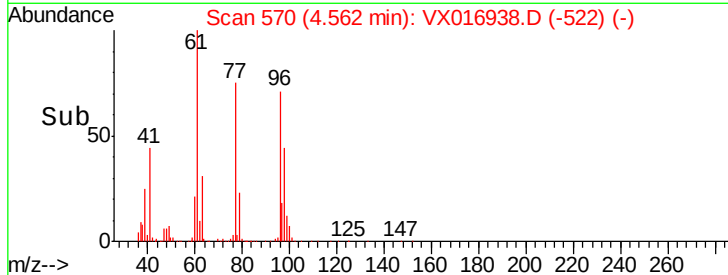
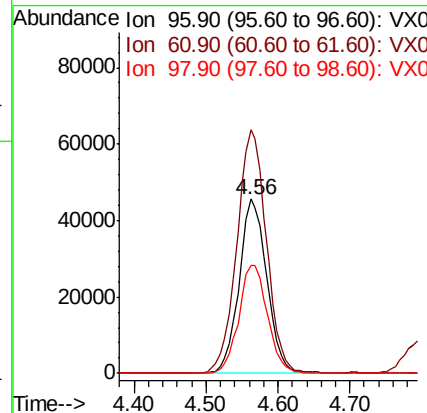
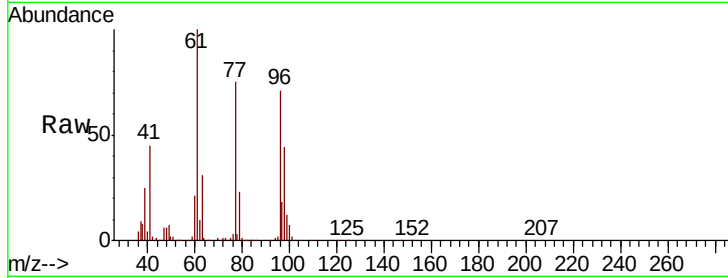


#27

cis-1,2-Dichloroethene
 Concen: 41.913 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: VX016938.D
 Acq: 23 Jun 2020 18:47

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX062320

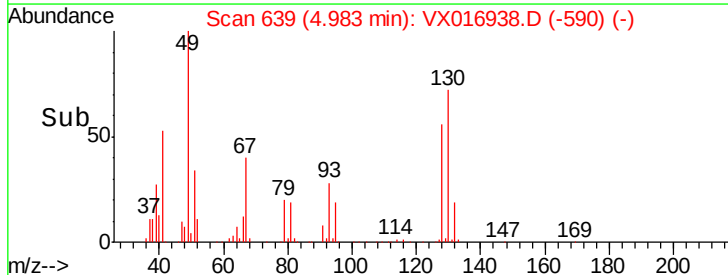
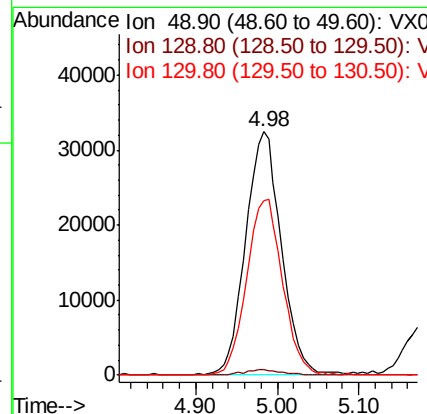
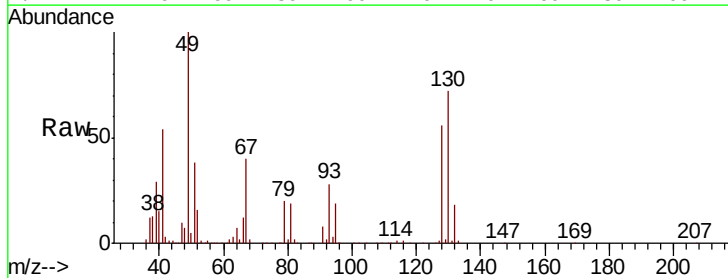
Tot Ion	96	Resp	122223
Ion	Ratio	Lower	Upper
96	100		
61	148.9	0.0	312.2
98	64.4	0.0	130.6

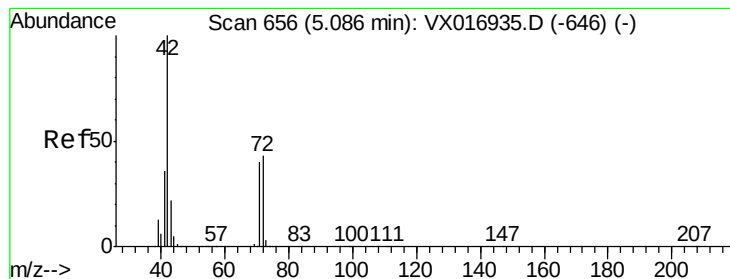


#28

Bromochloromethane
 Concen: 38.311 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. 0.00 min
 Lab File: VX016938.D
 Acq: 23 Jun 2020 18:47

Tgt Ion	49	Resp	98943
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.0
130	72.3	58.7	88.1





#29

Tetrahydrofuran

Concen: 229.237 ug/l

RT: 5.09 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX016938.D

Acq: 23 Jun 2020 18:47

Instrument :

MSVOA_X

ClientSampleId :

ICVX062320

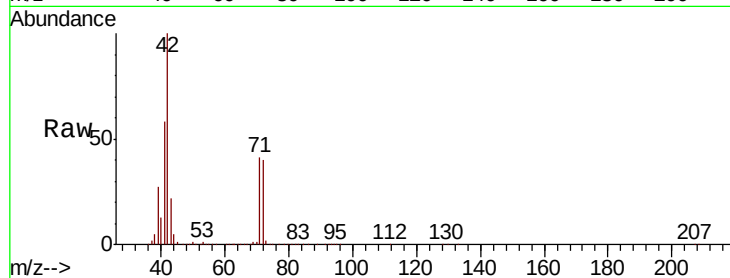
Tot Ion: 42 Resp: 310339

Ion Ratio Lower Upper

42 100

72 44.0 34.9 52.3

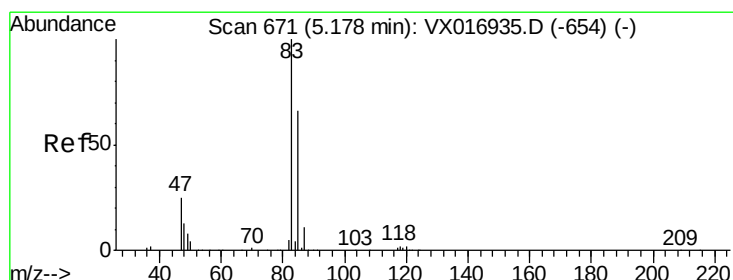
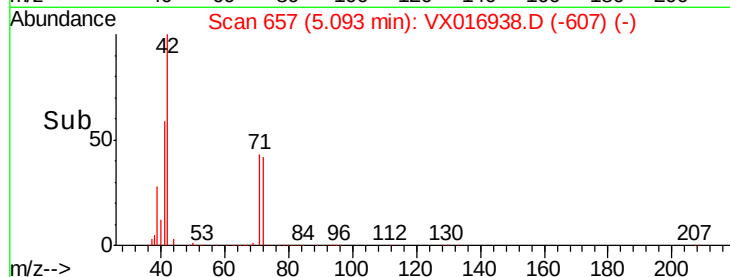
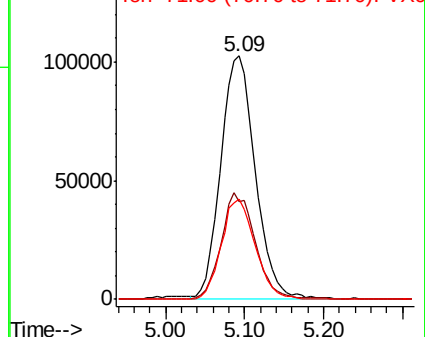
71 40.9 32.2 48.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 43.500 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX016938.D

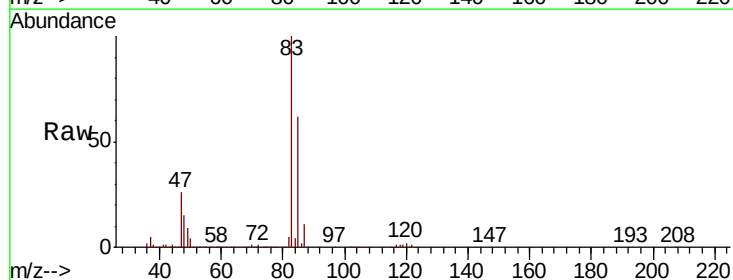
Acq: 23 Jun 2020 18:47

Tgt Ion: 83 Resp: 227871

Ion Ratio Lower Upper

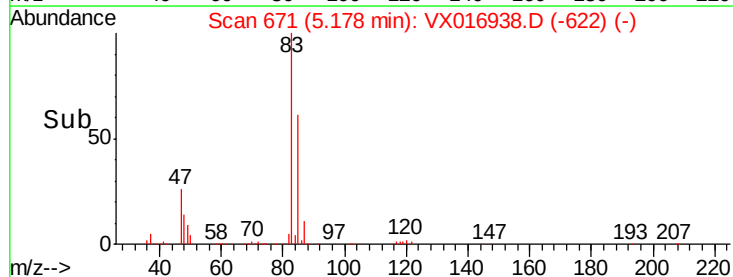
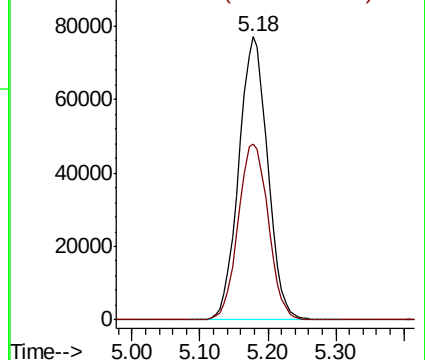
83 100

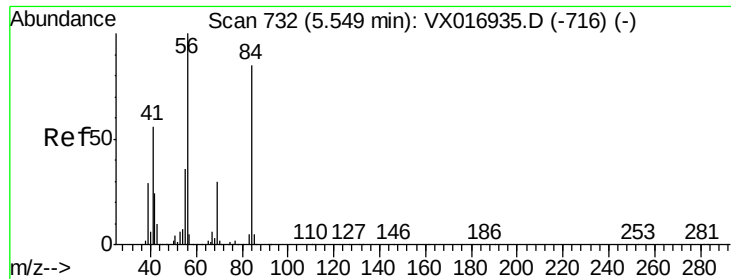
85 62.0 52.8 79.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

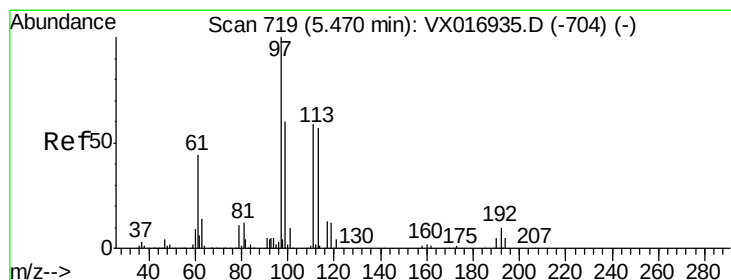
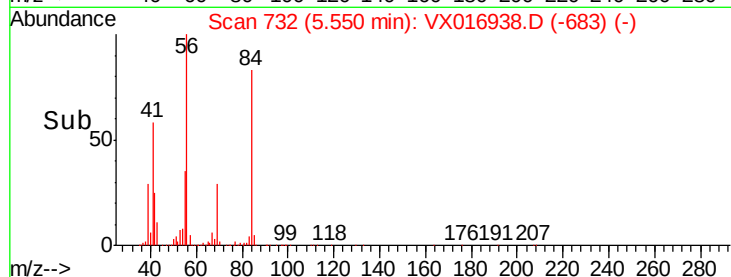
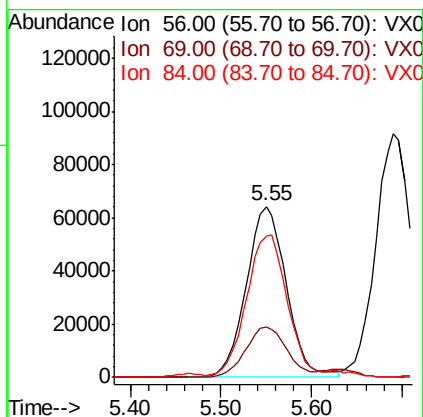
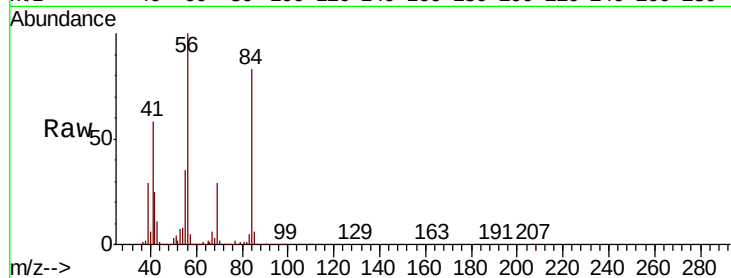




#31
Cyclohexane
Concen: 49.381 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX016938.D
Acq: 23 Jun 2020 18:47

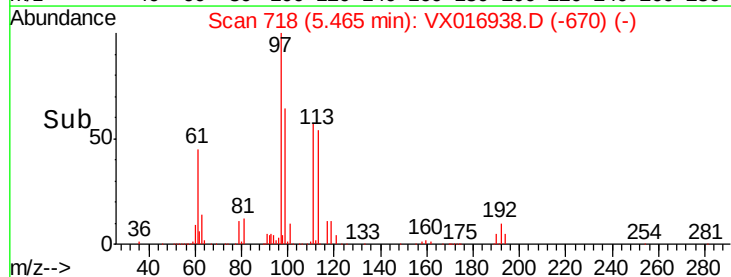
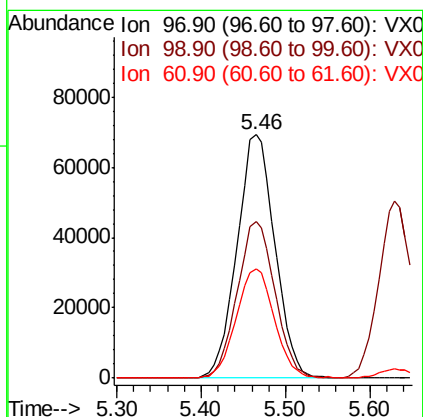
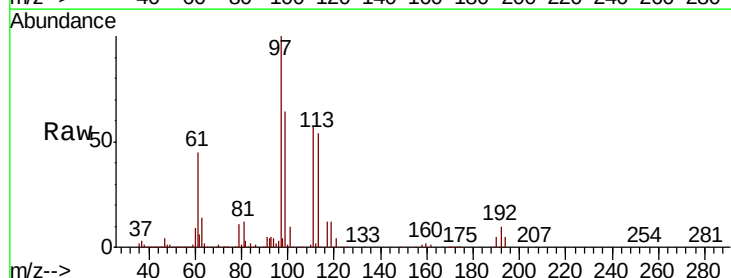
Instrument :
MSVOA_X
ClientSampleId :
ICVVX062320

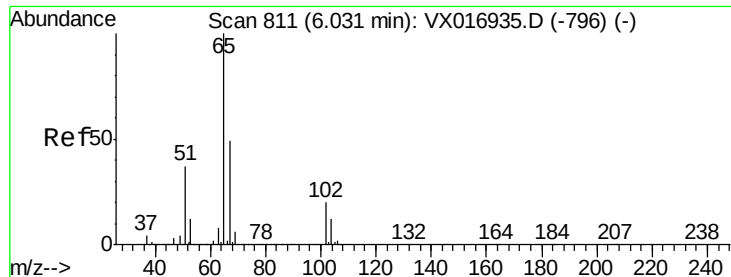
Tot Ion: 56 Resp: 195621
Ion Ratio Lower Upper
56 100
69 29.2 24.4 36.6
84 80.5 67.0 100.6



#32
1,1,1-Trichloroethane
Concen: 45.915 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX016938.D
Acq: 23 Jun 2020 18:47

Tgt Ion: 97 Resp: 210861
Ion Ratio Lower Upper
97 100
99 64.1 50.6 76.0
61 45.3 36.1 54.1

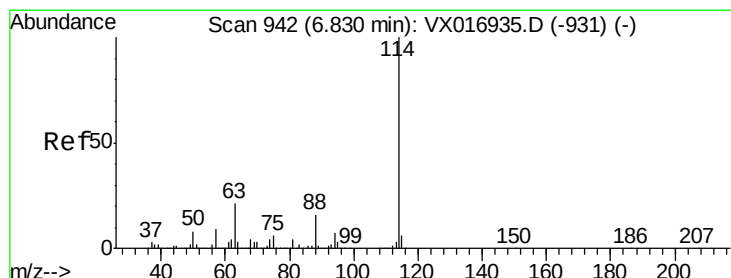
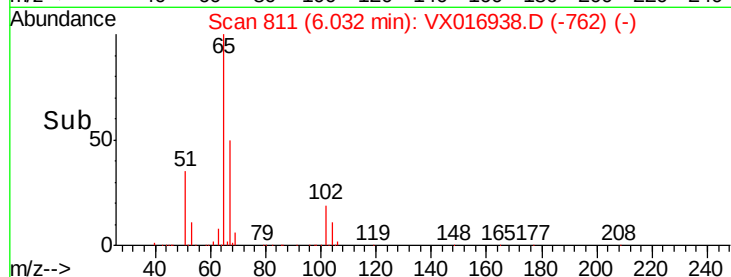
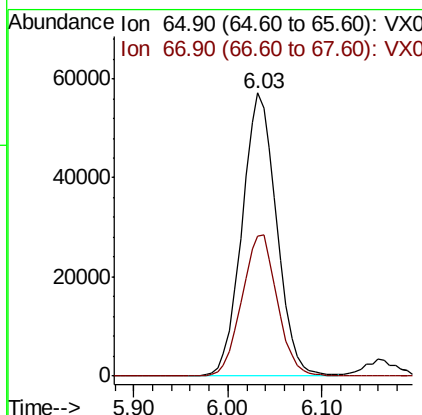
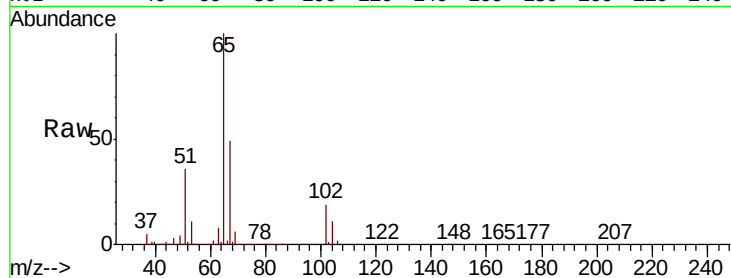




#33
 1,2-Dichloroethane-d4
 Concen: 43.835 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX016938.D
 Acq: 23 Jun 2020 18:47

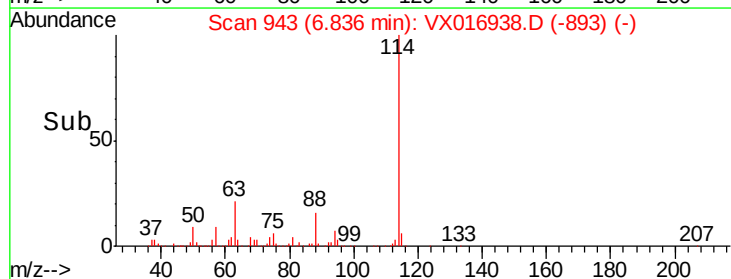
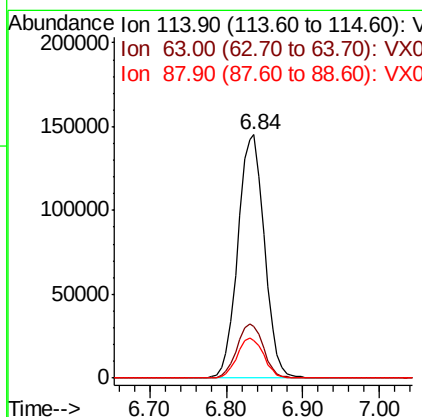
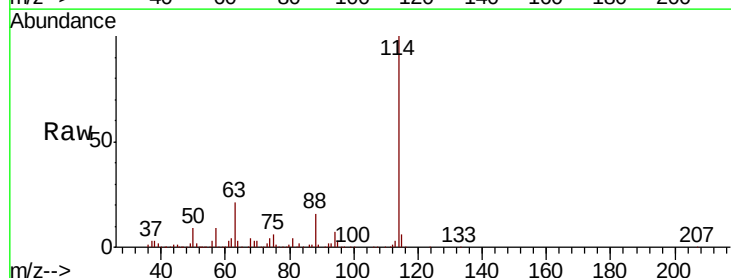
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX062320

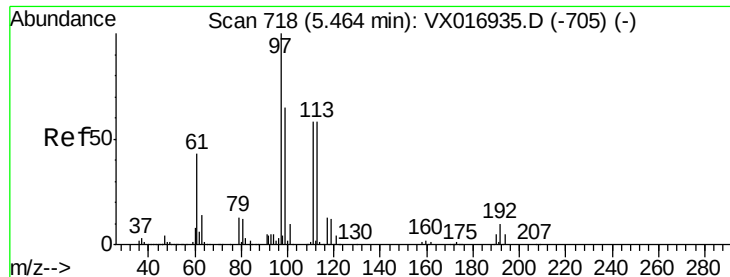
Tot Ion: 65 Resp: 146293
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX016938.D
 Acq: 23 Jun 2020 18:47

Tgt Ion: 114 Resp: 348456
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 41.4
 88 15.7 0.0 32.4

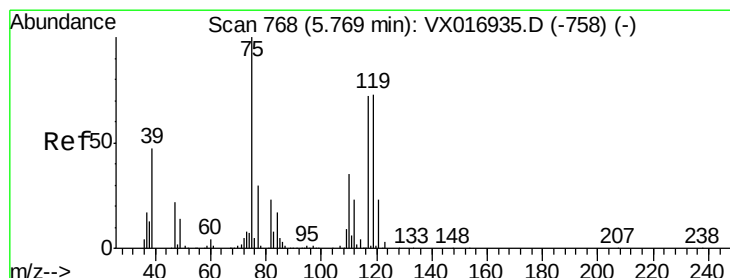
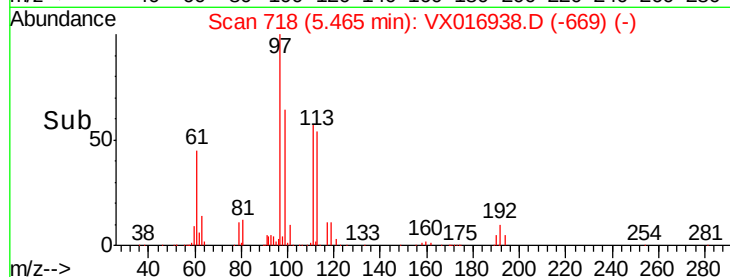
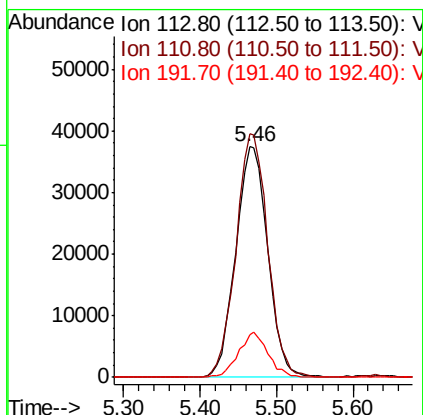
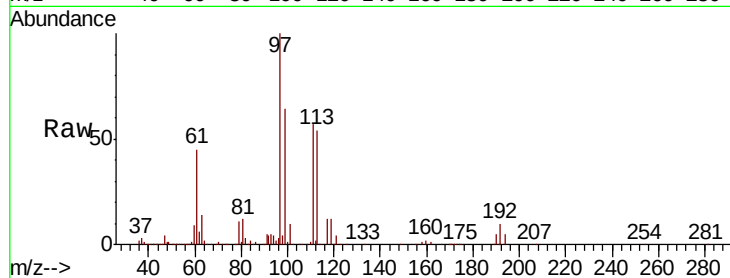




#35
 Dibromofluoromethane
 Concen: 45.591 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: VX016938.D
 Acq: 23 Jun 2020 18:47

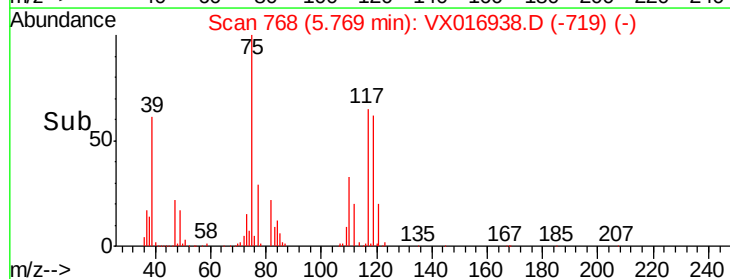
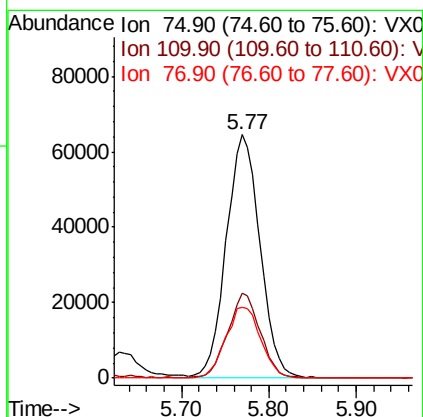
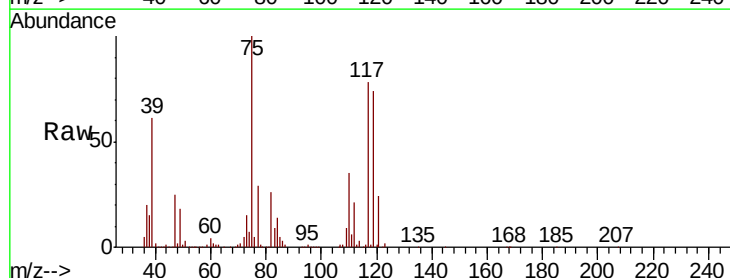
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX062320

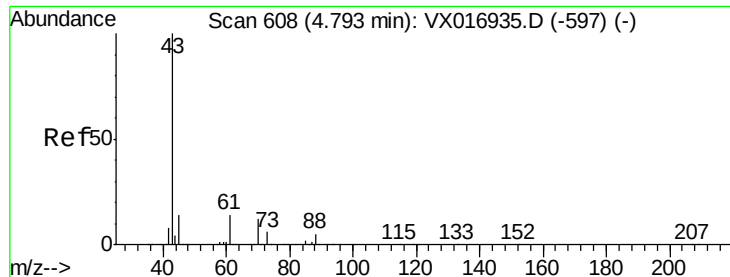
Tot Ion:113 Resp: 108704
 Ion Ratio Lower Upper
 113 100
 111 104.6 83.4 125.0
 192 18.1 14.6 22.0



#36
 1,1-Dichloropropene
 Concen: 51.802 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX016938.D
 Acq: 23 Jun 2020 18:47

Tgt Ion: 75 Resp: 172141
 Ion Ratio Lower Upper
 75 100
 110 34.0 17.1 51.3
 77 30.4 24.9 37.3

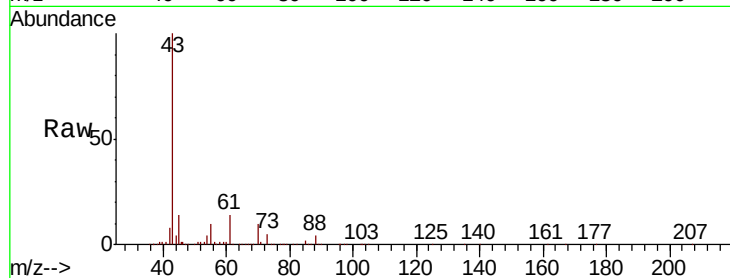




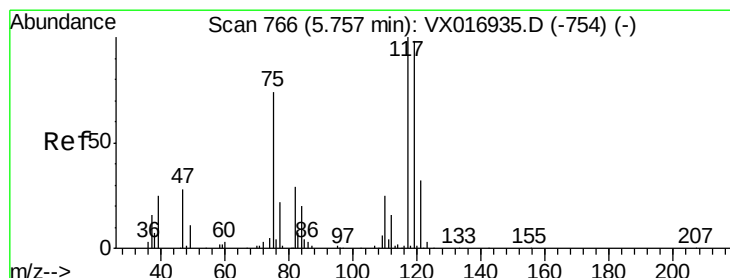
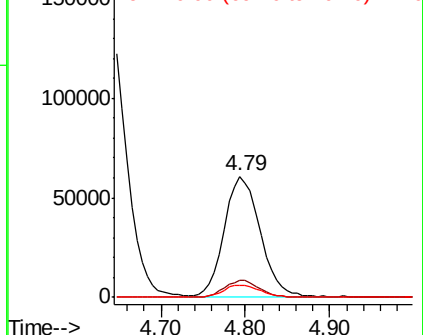
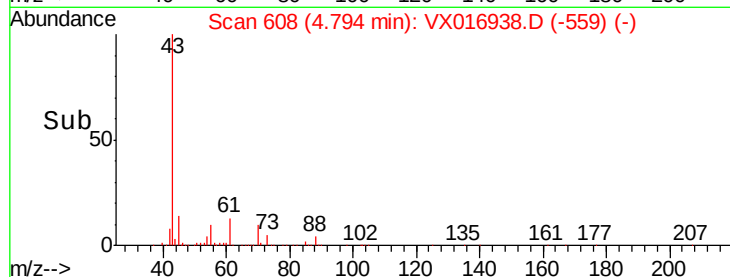
#37
Ethyl Acetate
Concen: 48.210 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX016938.D
Acq: 23 Jun 2020 18:47

Instrument :
MSVOA_X
ClientSampleId :
ICVVX062320

Tot Ion: 43 Resp: 176019
Ion Ratio Lower Upper
43 100
61 13.7 11.0 16.4
70 10.5 8.9 13.3

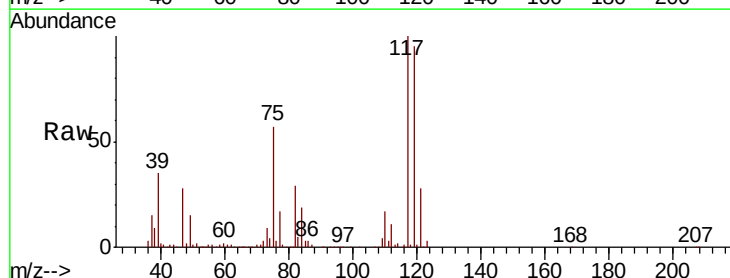


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

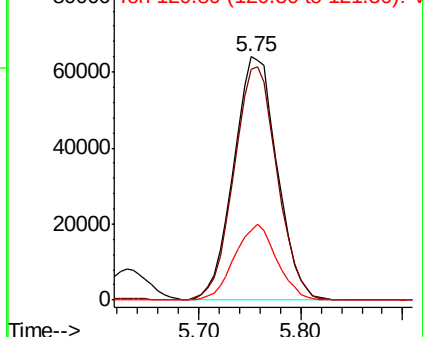
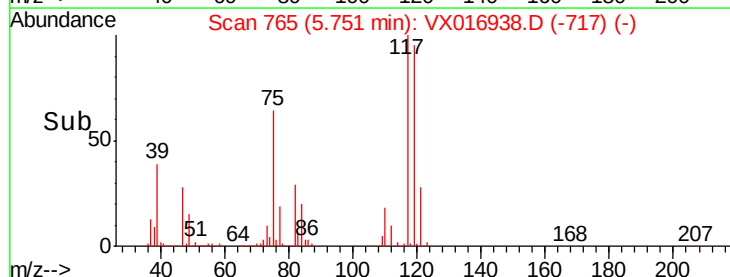


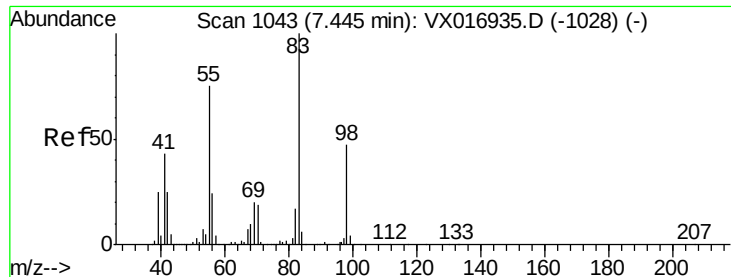
#38
Carbon Tetrachloride
Concen: 53.124 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016938.D
Acq: 23 Jun 2020 18:47

Tgt Ion: 117 Resp: 188775
Ion Ratio Lower Upper
117 100
119 95.0 78.2 117.2
121 28.3 25.0 37.6



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

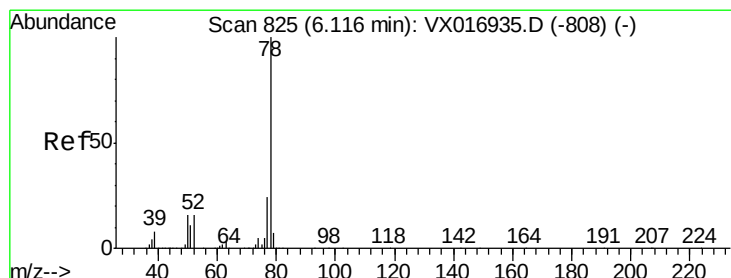
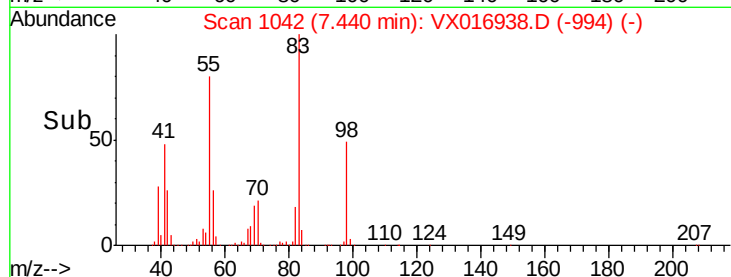
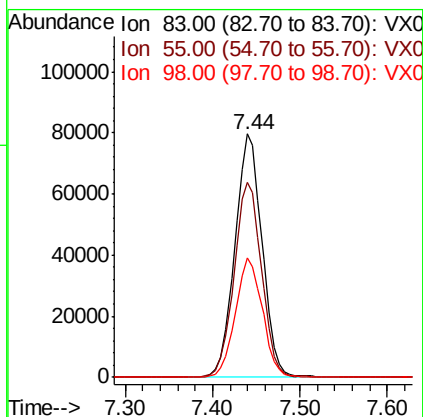
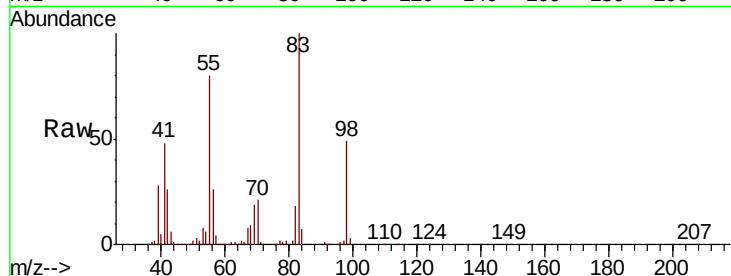




#39
Methylvlcyclohexane
Concen: 46.972 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.01 min
Lab File: VX016938.D
Acq: 23 Jun 2020 18:47

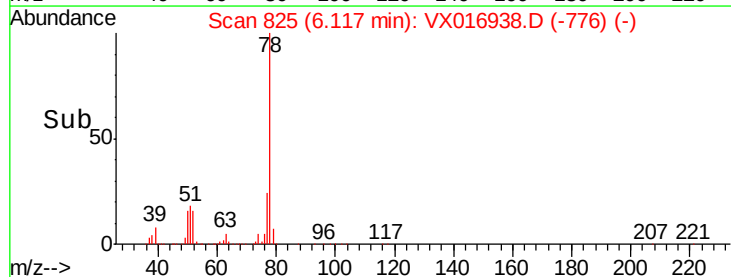
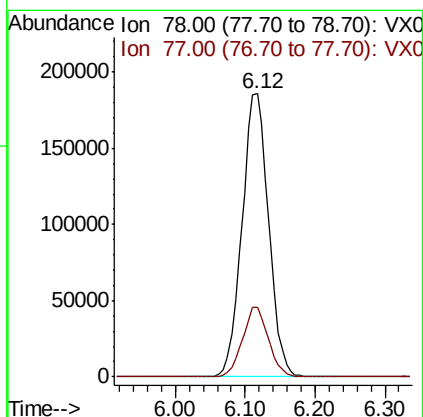
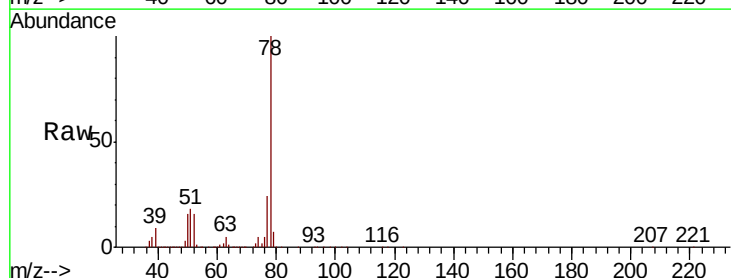
Instrument :
MSVOA_X
ClientSampleId :
ICVVX062320

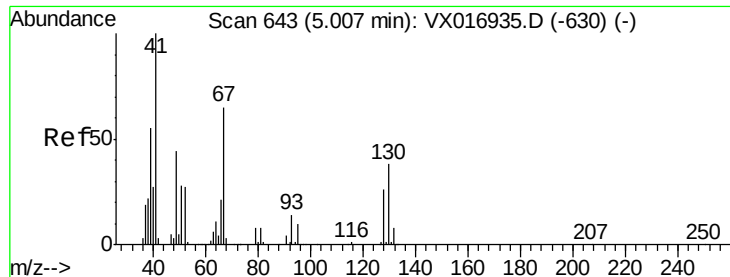
Tot Ion: 83 Resp: 172026
Ion Ratio Lower Upper
83 100
55 79.9 59.9 89.9
98 49.1 37.3 55.9



#40
Benzene
Concen: 51.565 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX016938.D
Acq: 23 Jun 2020 18:47

Tgt Ion: 78 Resp: 490955
Ion Ratio Lower Upper
78 100
77 24.5 19.1 28.7

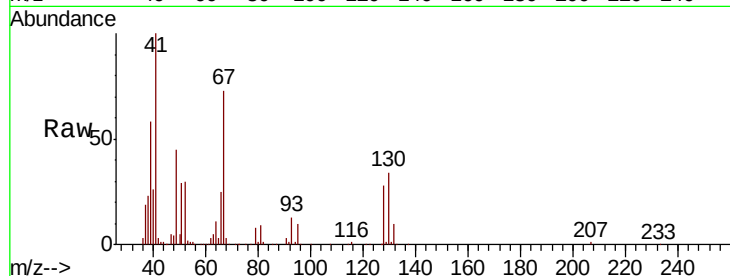




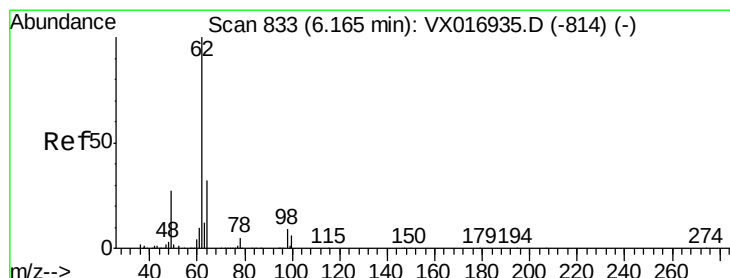
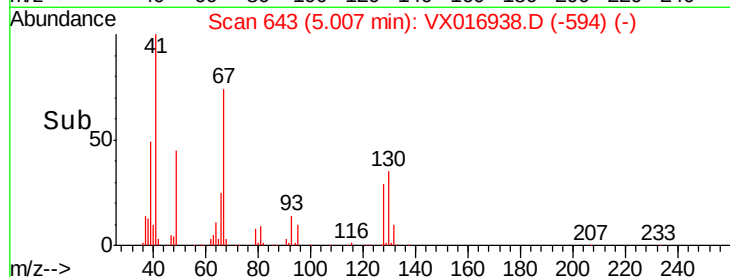
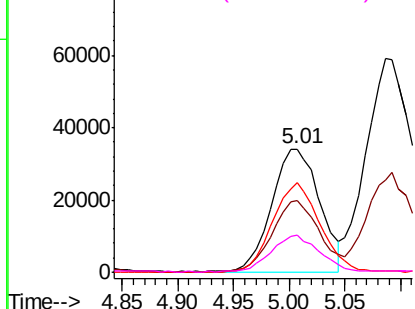
#41
Methacrylonitrile
Concen: 48.028 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.00 min
Lab File: VX016938.D
Acq: 23 Jun 2020 18:47

Instrument :
MSVOA_X
ClientSampleId :
ICVVX062320

Tot Ion:	41	Resp:	102153
Ion	Ratio	Lower	Upper
41	100		
39	58.5	44.2	66.2
67	72.6	55.1	82.7
52	29.6	22.6	34.0

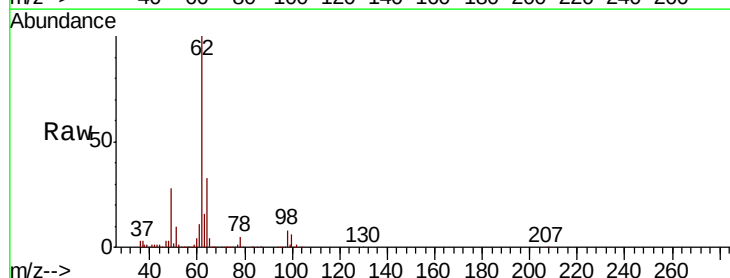


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

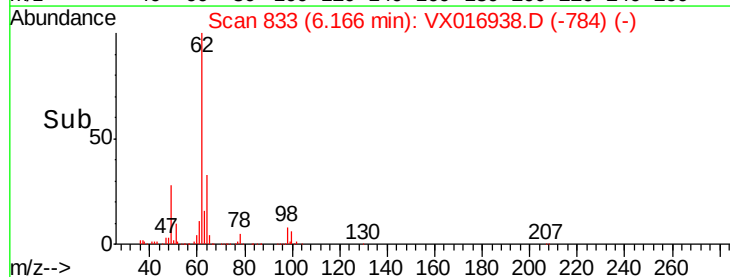
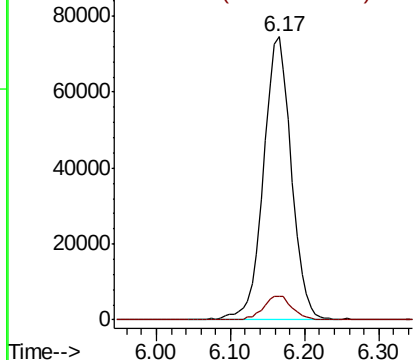


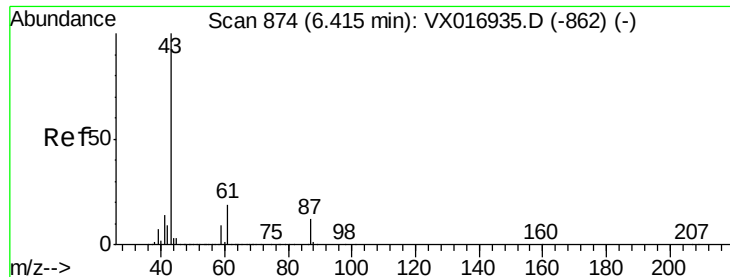
#42
1,2-Dichloroethane
Concen: 49.766 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX016938.D
Acq: 23 Jun 2020 18:47

Tgt Ion:	62	Resp:	194489
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.0



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





#43

Isopropyl Acetate

Concen: 54.381 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.00 min

Lab File: VX016938.D

Acq: 23 Jun 2020 18:47

Instrument :

MSVOA_X

ClientSampleId :

ICVVX062320

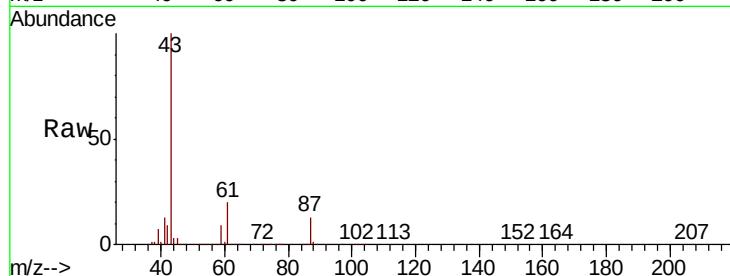
Tot Ion: 43 Resp: 345949

Ion Ratio Lower Upper

43 100

61 19.5 15.4 23.0

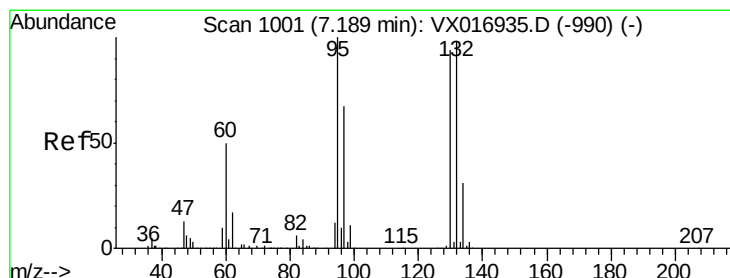
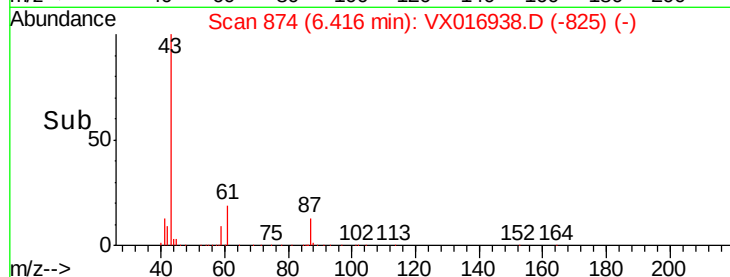
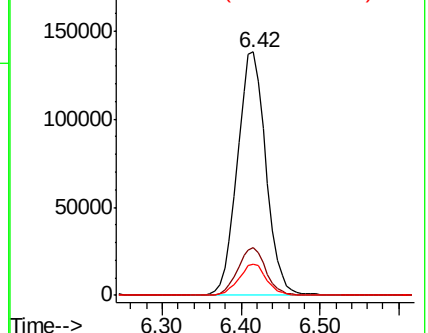
87 12.7 10.2 15.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 50.131 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX016938.D

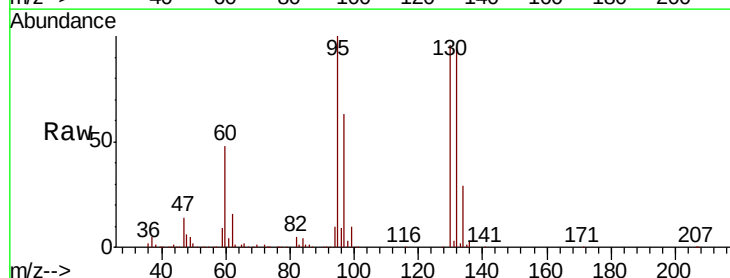
Acq: 23 Jun 2020 18:47

Tgt Ion:130 Resp: 133602

Ion Ratio Lower Upper

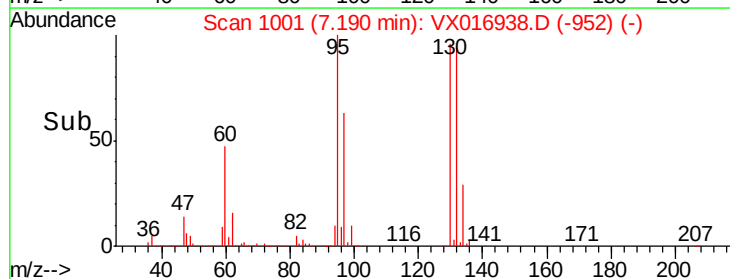
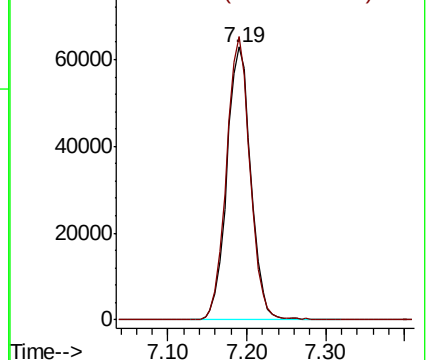
130 100

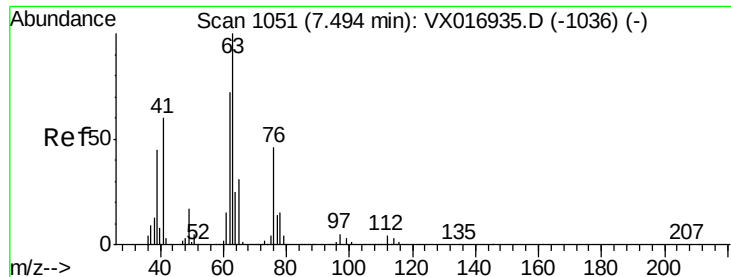
95 103.9 0.0 213.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

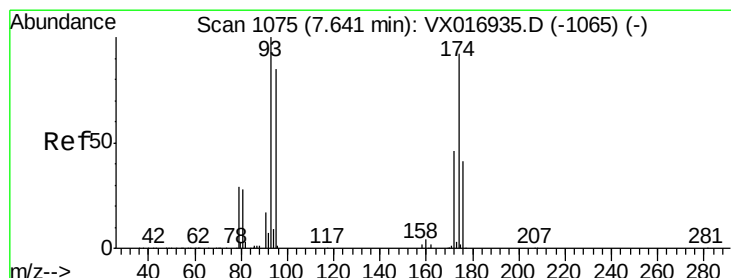
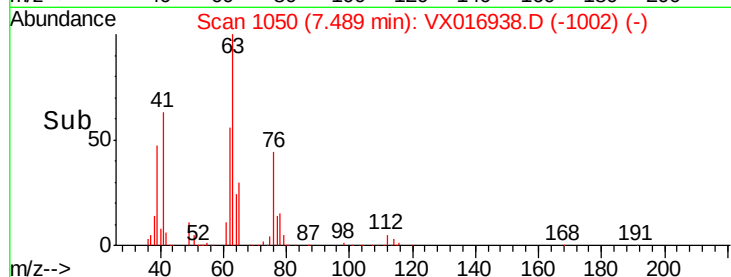
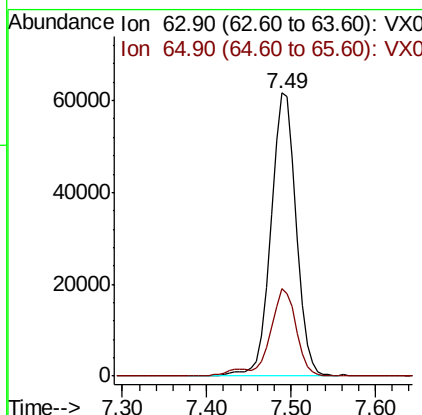
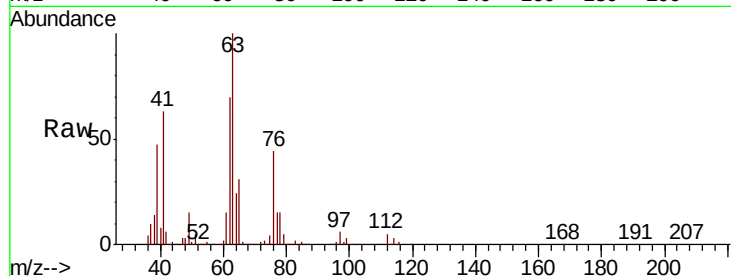




#45
 1,2-Dichloropropane
 Concen: 48.700 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VX016938.D
 Acq: 23 Jun 2020 18:47

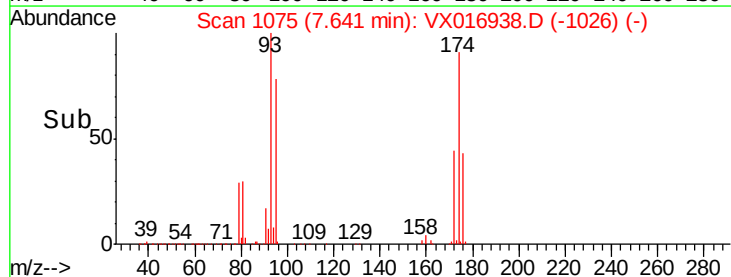
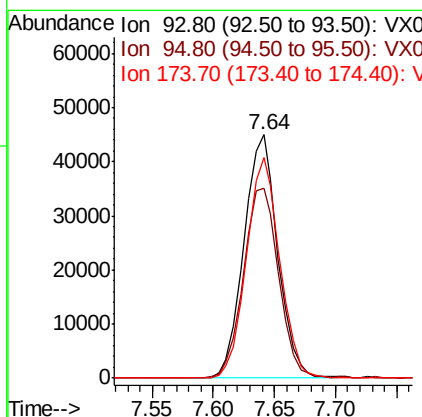
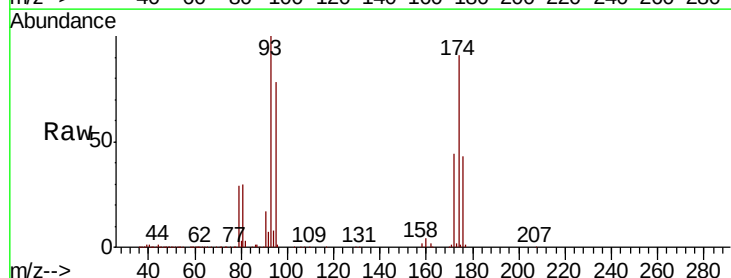
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX062320

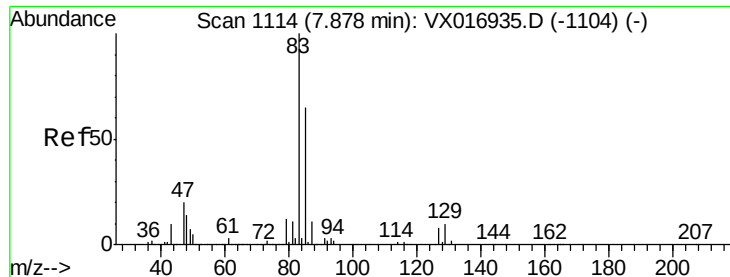
Tot Ion: 63 Resp: 128461
 Ion Ratio Lower Upper
 63 100
 65 31.0 24.4 36.6



#46
 Dibromomethane
 Concen: 47.225 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: VX016938.D
 Acq: 23 Jun 2020 18:47

Tgt Ion: 93 Resp: 86098
 Ion Ratio Lower Upper
 93 100
 95 81.8 66.3 99.5
 174 89.6 71.1 106.7





#47

Bromodichloromethane

Concen: 52.107 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX016938.D

Acq: 23 Jun 2020 18:47

Instrument :

MSVOA_X

ClientSampleId :

ICVVX062320

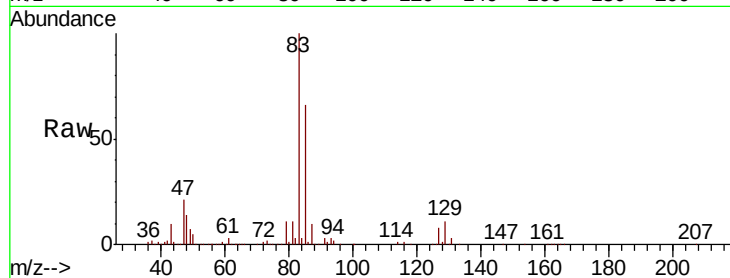
Tot Ion: 83 Resp: 199244

Ion Ratio Lower Upper

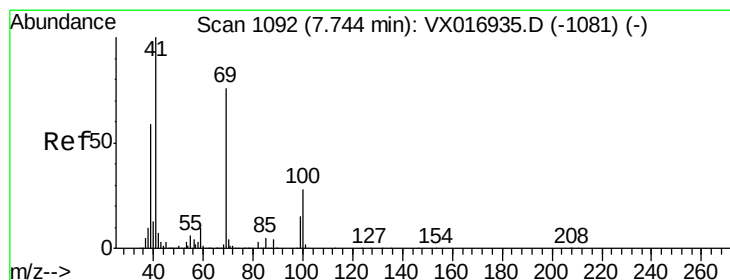
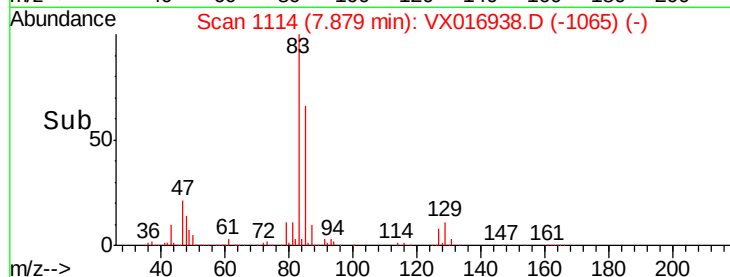
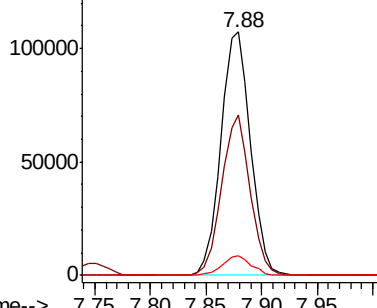
83 100

85 65.7 52.4 78.6

127 8.2 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 51.204 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX016938.D

Acq: 23 Jun 2020 18:47

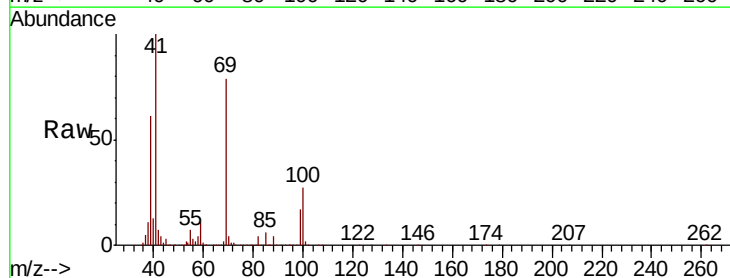
Tgt Ion: 41 Resp: 151464

Ion Ratio Lower Upper

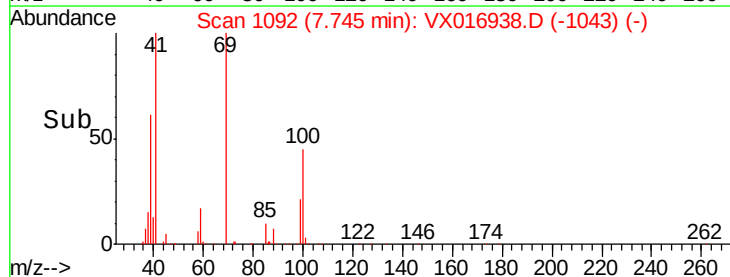
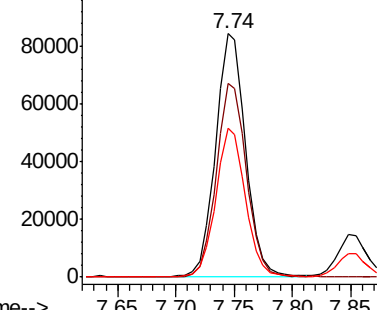
41 100

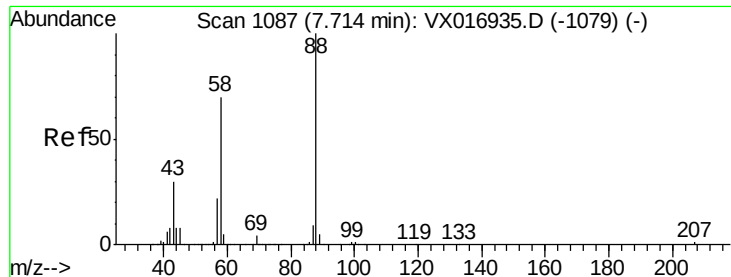
69 80.0 62.5 93.7

39 60.5 49.1 73.7



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

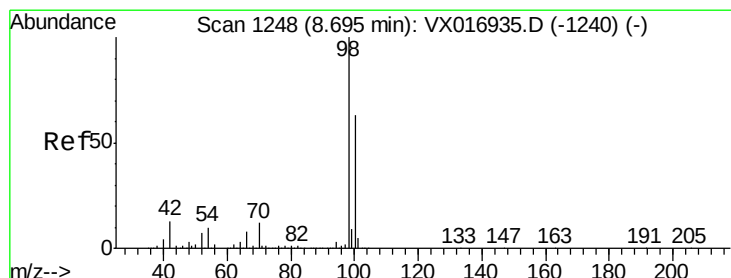
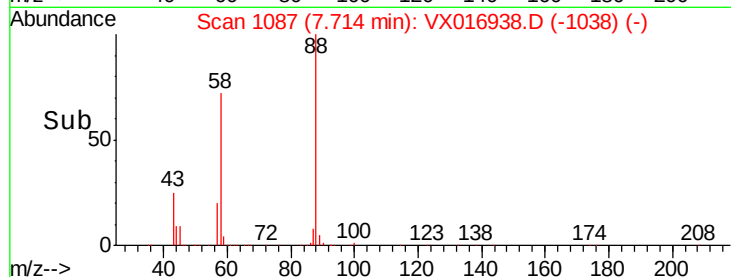
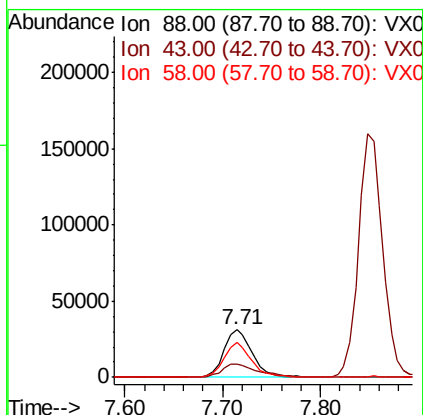
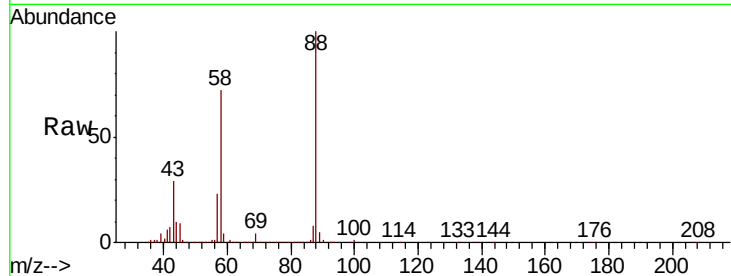




#49
1,4-Dioxane
Concen: 967.735 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX016938.D
Acq: 23 Jun 2020 18:47

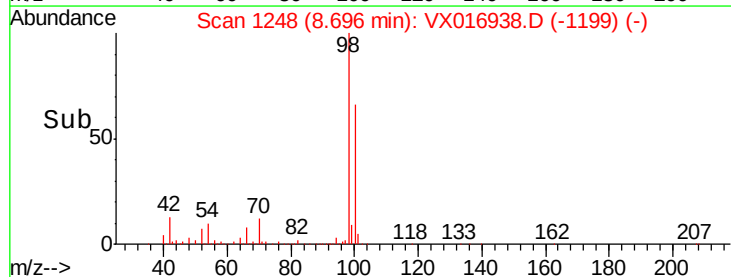
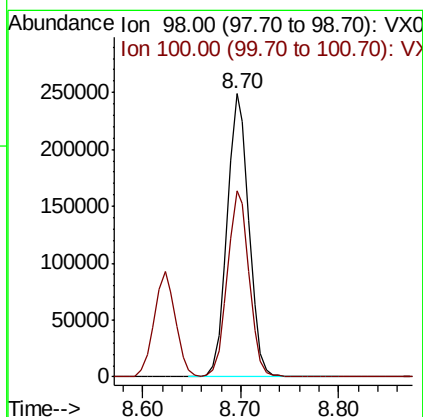
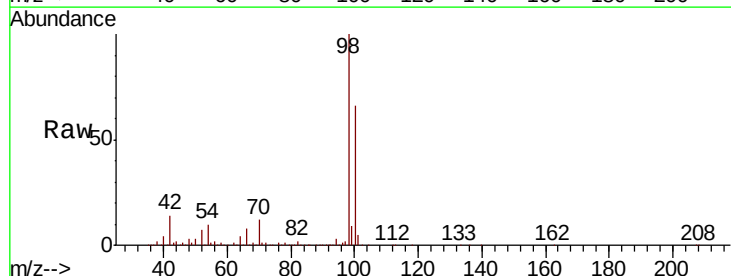
Instrument :
MSVOA_X
ClientSampleId :
ICVVX062320

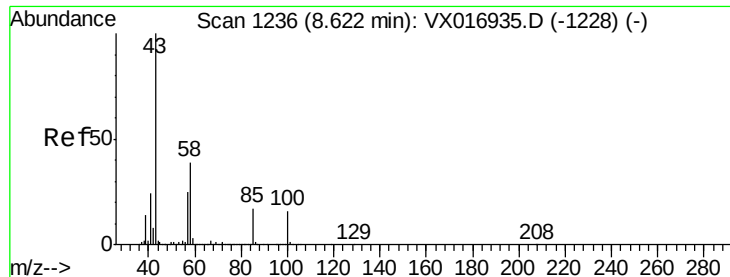
Tot Ion	88	Resp	61565
Ion Ratio	Lower	Upper	
88	100		
43	34.5	27.3	40.9
58	72.5	57.4	86.0



#50
Toluene-d8
Concen: 45.314 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX016938.D
Acq: 23 Jun 2020 18:47

Tgt Ion	98	Resp	381175
Ion Ratio	Lower	Upper	
98	100		
100	66.1	52.3	78.5





#51

4-Methyl-2-Pentanone

Concen: 254.057 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VX016938.D

Acq: 23 Jun 2020 18:47

Instrument :

MSVOA_X

ClientSampleId :

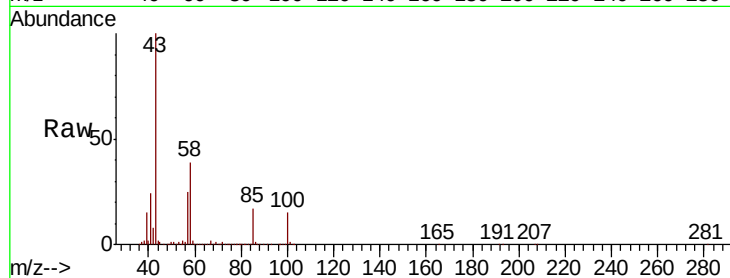
ICVVX062320

Tot Ion: 43 Resp: 941406

Ion Ratio Lower Upper

43 100

58 38.5 30.6 46.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.62

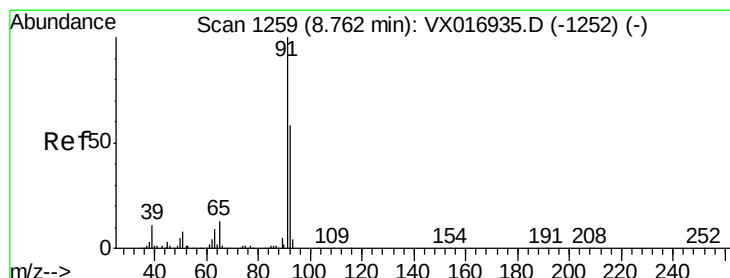
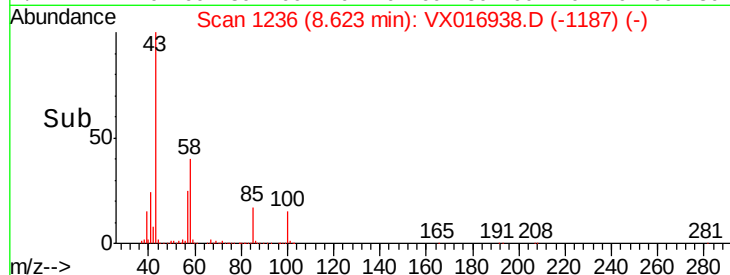
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 50.415 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX016938.D

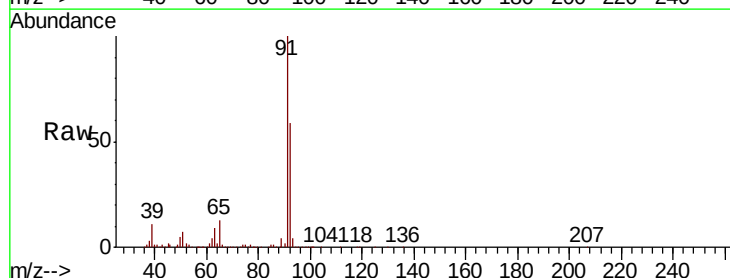
Acq: 23 Jun 2020 18:47

Tgt Ion: 92 Resp: 294852

Ion Ratio Lower Upper

92 100

91 171.3 137.4 206.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.76

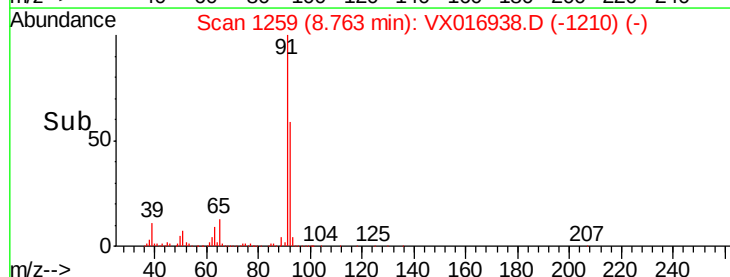
300000

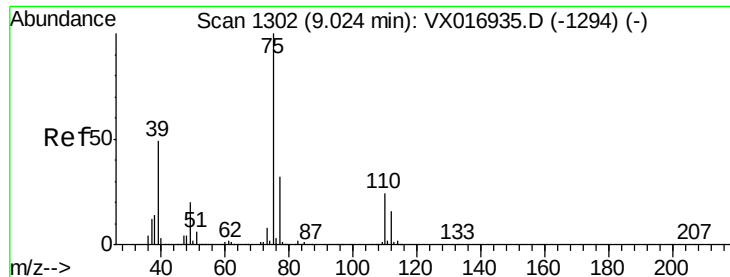
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 46.869 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX016938.D

Acq: 23 Jun 2020 18:47

Instrument :

MSVOA_X

ClientSampleId :

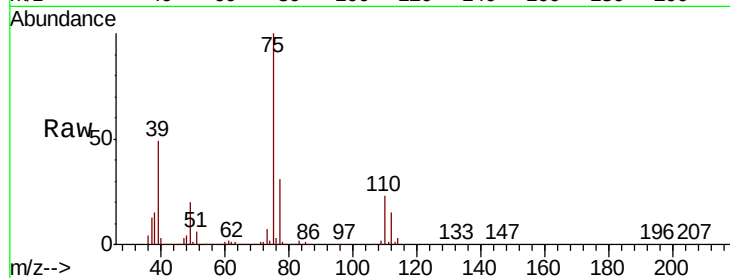
ICVVX062320

Tot Ion: 75 Resp: 206286

Ion Ratio Lower Upper

75 100

77 31.3 25.7 38.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

150000

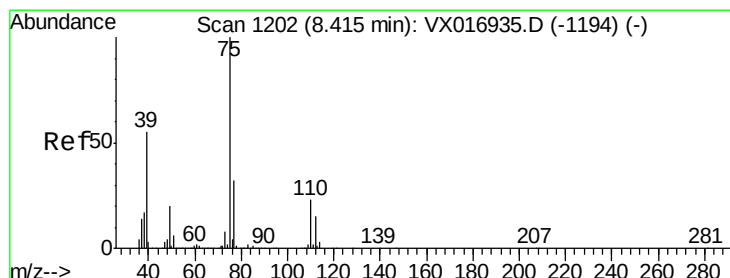
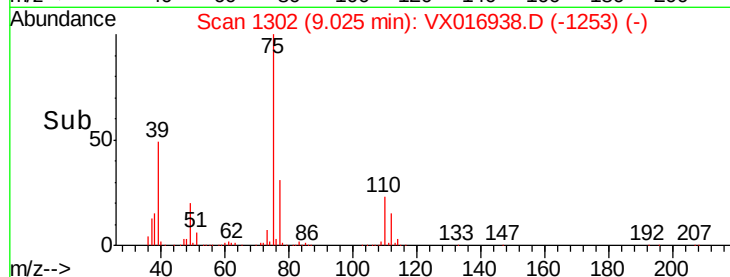
100000

50000

0

Time-->

8.95 9.00 9.05 9.10



#54

cis-1,3-Dichloropropene

Concen: 55.652 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX016938.D

Acq: 23 Jun 2020 18:47

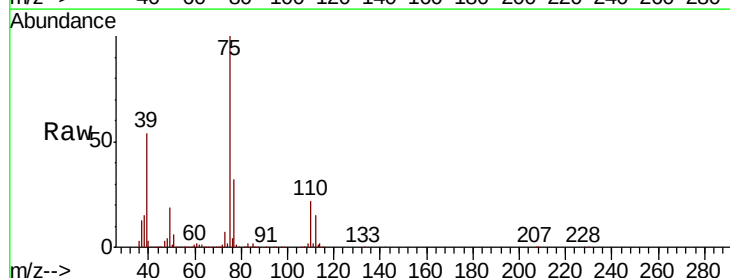
Tgt Ion: 75 Resp: 236356

Ion Ratio Lower Upper

75 100

77 31.6 25.5 38.3

39 53.7 44.4 66.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

200000

150000

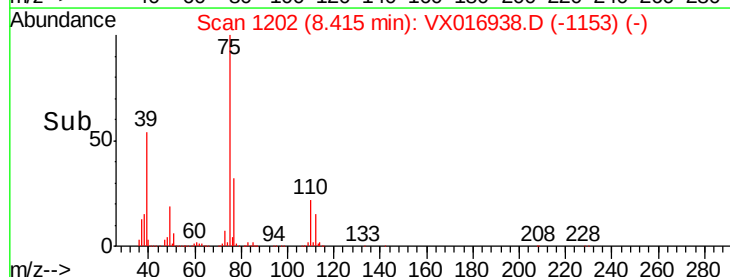
100000

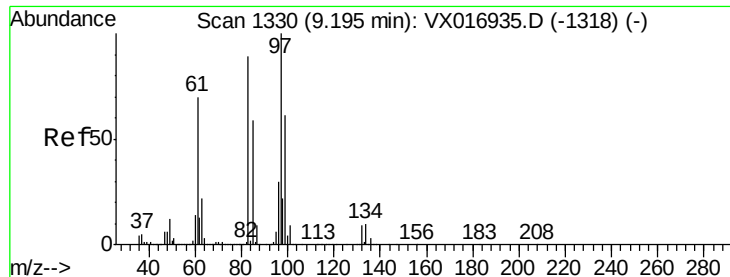
50000

0

Time-->

8.35 8.40 8.45 8.50

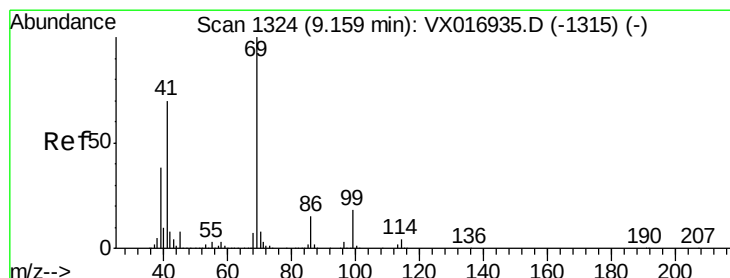
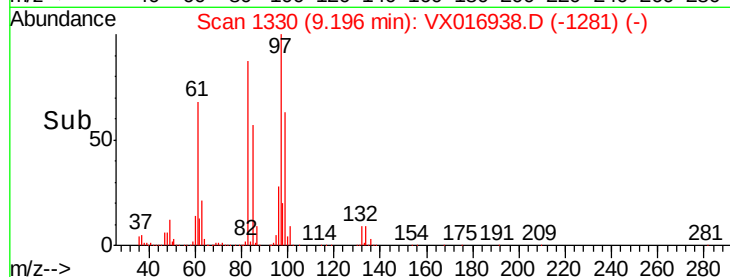
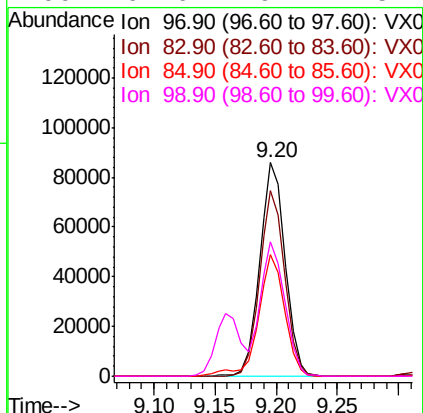
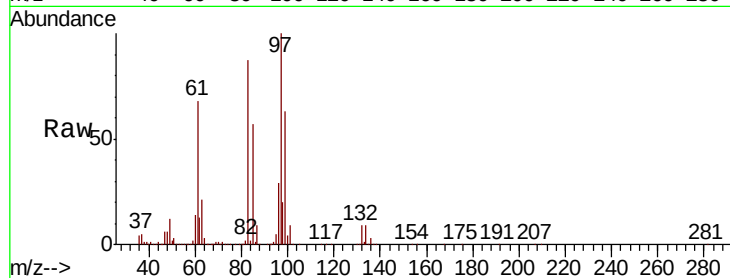




#55
 1,1,2-Trichloroethane
 Concen: 47.144 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX016938.D
 Acq: 23 Jun 2020 18:47

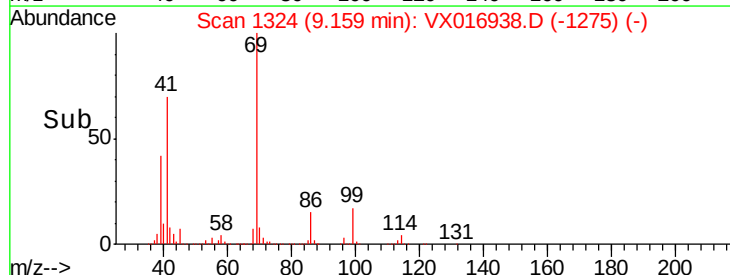
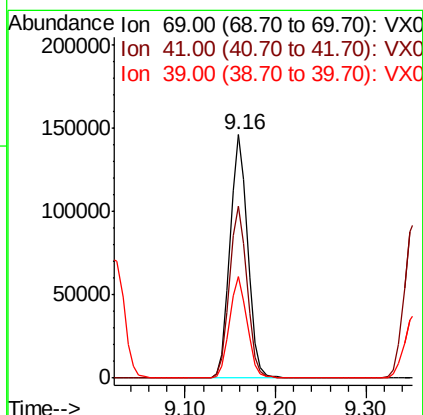
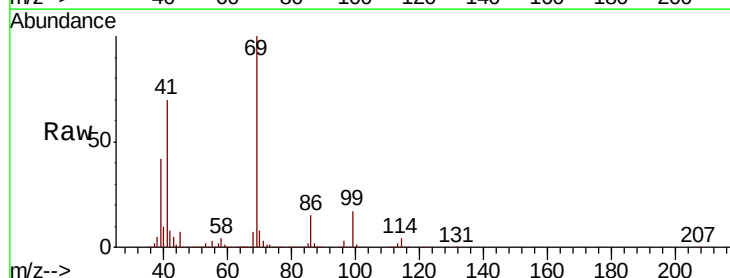
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX062320

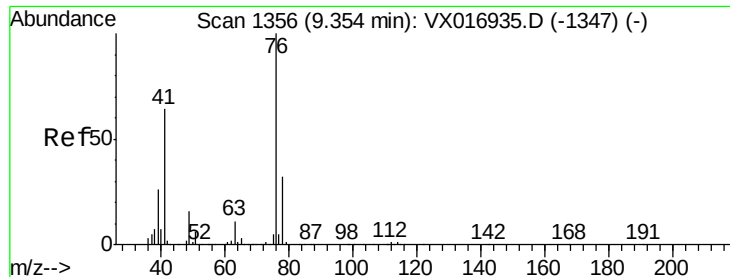
Tot Ion:	97	Resp:	124877
Ion	Ratio	Lower	Upper
97	100		
83	87.0	71.3	106.9
85	56.7	47.4	71.2
99	62.6	49.1	73.7



#56
 Ethyl methacrylate
 Concen: 47.956 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016938.D
 Acq: 23 Jun 2020 18:47

Tgt Ion:	69	Resp:	196754
Ion	Ratio	Lower	Upper
69	100		
41	70.2	56.6	84.8
39	41.7	31.8	47.8





#57

1,3-Dichloropropane

Concen: 48.809 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX016938.D

Acq: 23 Jun 2020 18:47

Instrument :

MSVOA_X

ClientSampleId :

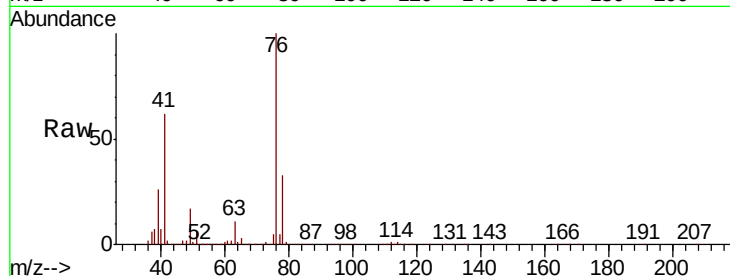
ICVVX062320

Tot Ion: 76 Resp: 21686

Ion Ratio Lower Upper

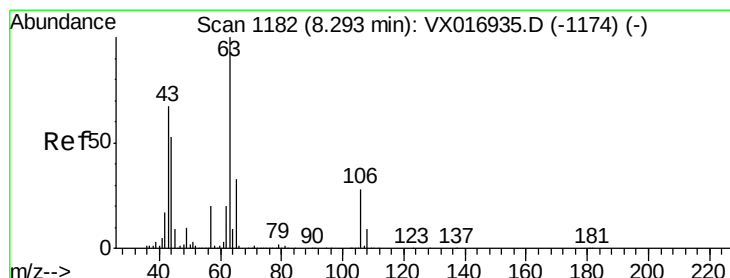
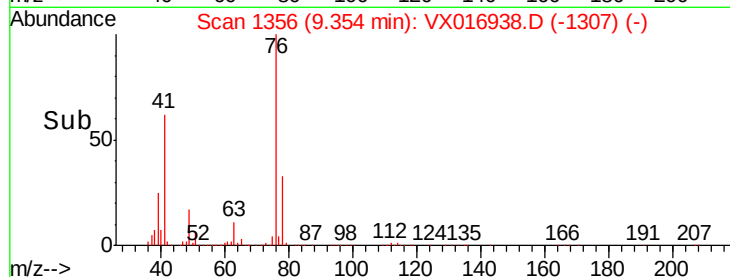
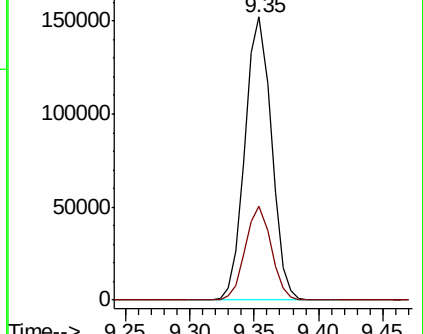
76 100

78 32.5 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 318.808 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX016938.D

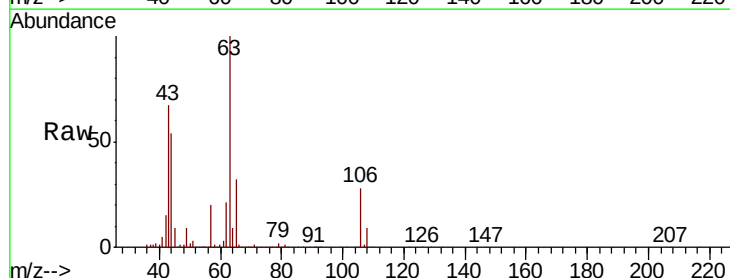
Acq: 23 Jun 2020 18:47

Tgt Ion: 63 Resp: 535782

Ion Ratio Lower Upper

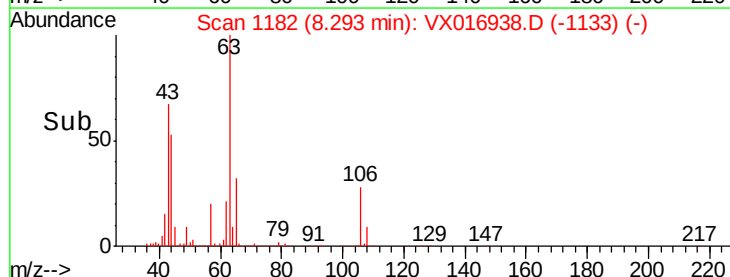
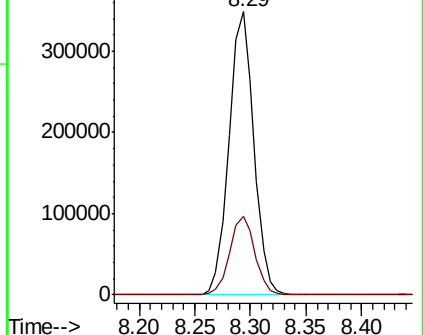
63 100

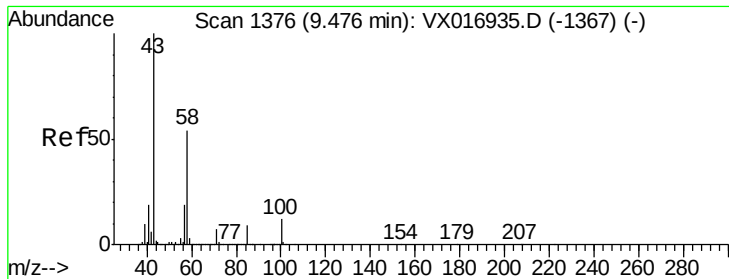
106 28.0 22.4 33.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

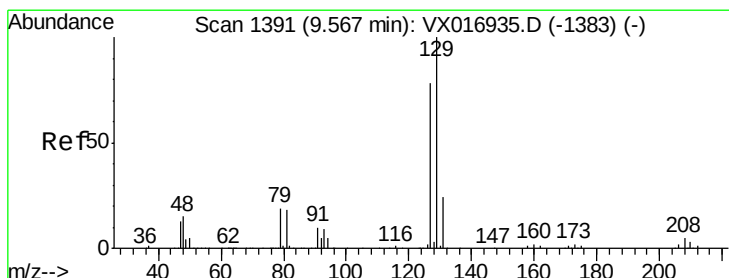
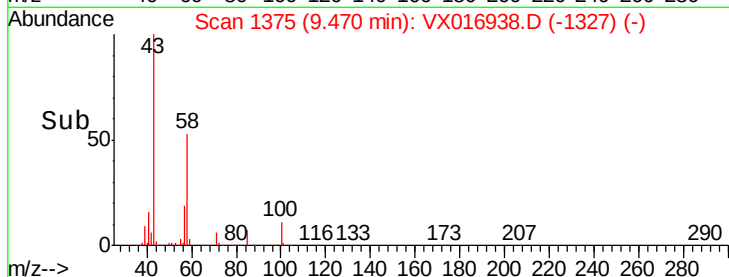
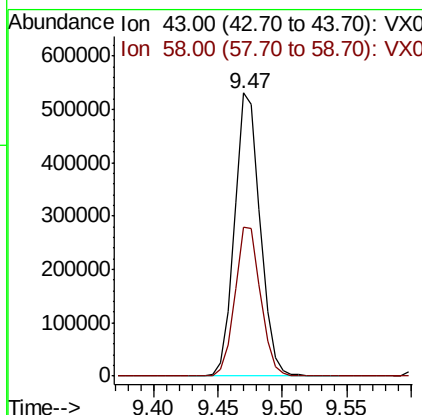
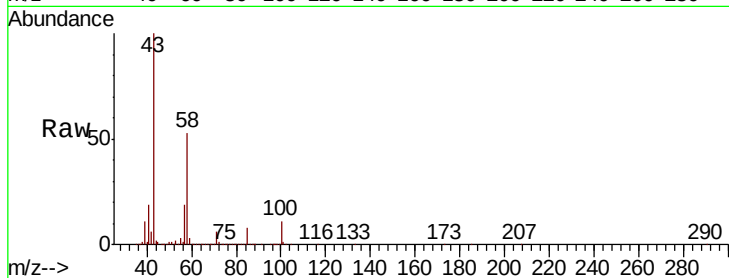




#59
2-Hexanone
Concen: 257.597 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016938.D
Acq: 23 Jun 2020 18:47

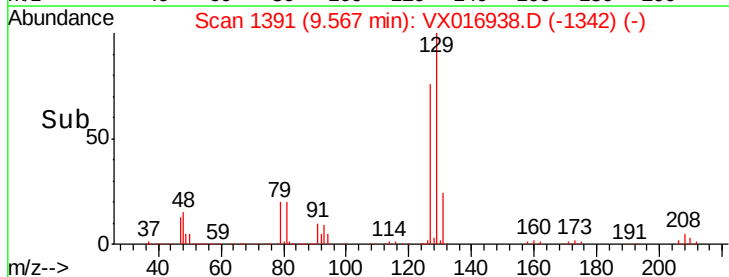
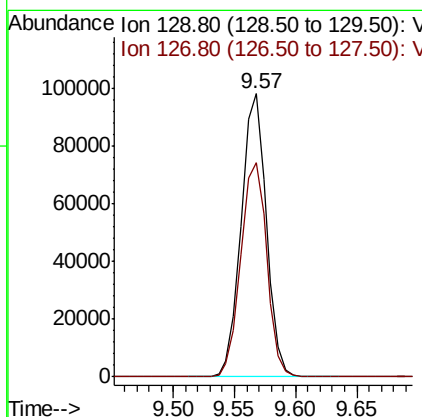
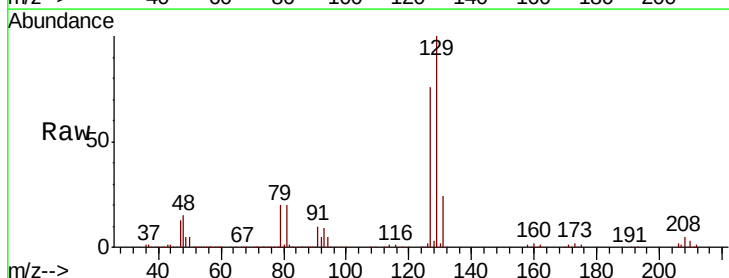
Instrument :
MSVOA_X
ClientSampleId :
ICVVX062320

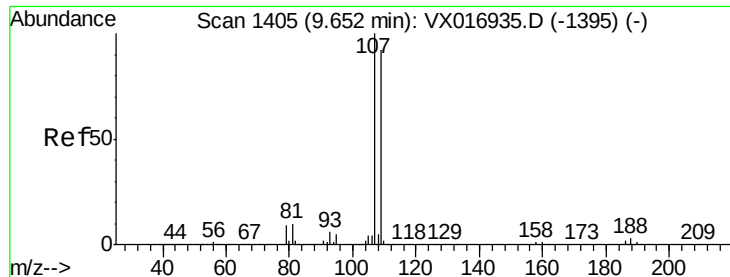
Tot Ion: 43 Resp: 730927
Ion Ratio Lower Upper
43 100
58 53.0 26.8 80.4



#60
Dibromochloromethane
Concen: 48.274 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX016938.D
Acq: 23 Jun 2020 18:47

Tgt Ion: 129 Resp: 139875
Ion Ratio Lower Upper
129 100
127 78.5 39.2 117.6

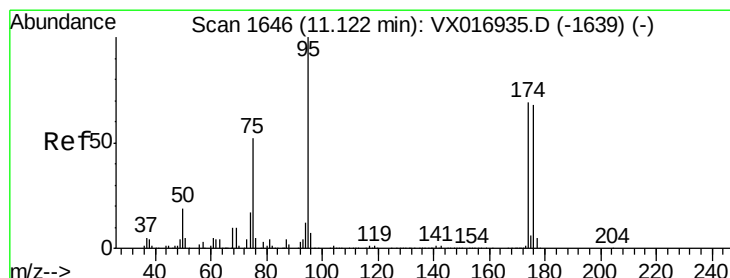
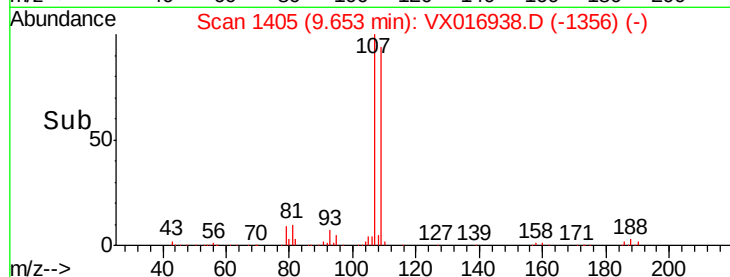
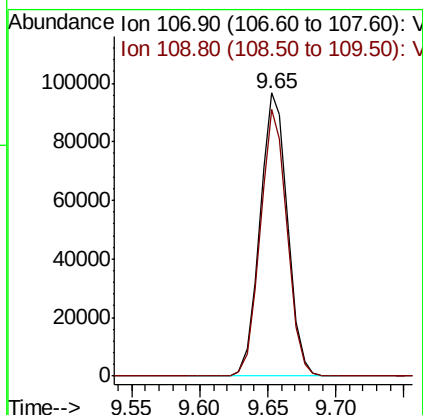
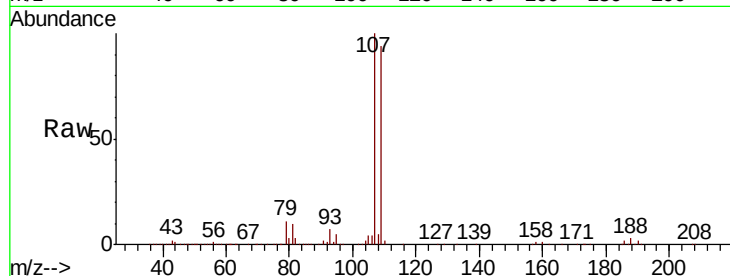




#61
 1,2-Dibromoethane
 Concen: 50.406 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX016938.D
 Acq: 23 Jun 2020 18:47

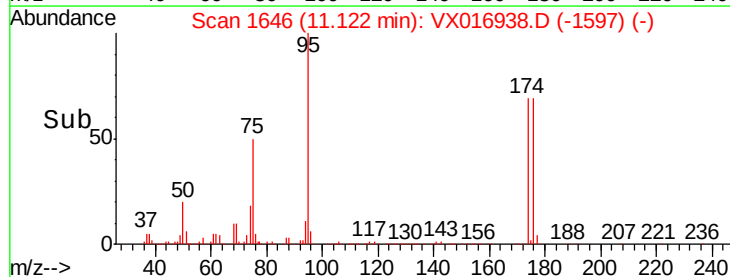
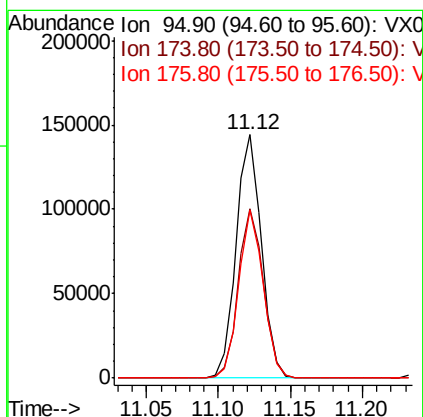
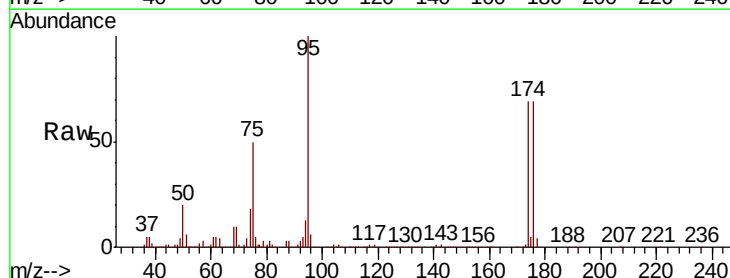
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX062320

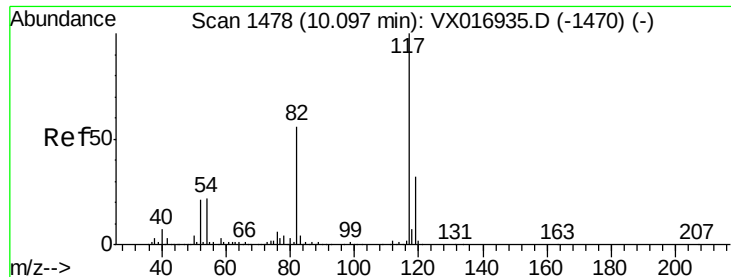
Tot Ion:107 Resp: 137463
 Ion Ratio Lower Upper
 107 100
 109 92.0 73.8 110.8



#62
 4-Bromofluorobenzene
 Concen: 52.179 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: VX016938.D
 Acq: 23 Jun 2020 18:47

Tgt Ion: 95 Resp: 176737
 Ion Ratio Lower Upper
 95 100
 174 69.1 0.0 138.0
 176 66.7 0.0 135.4

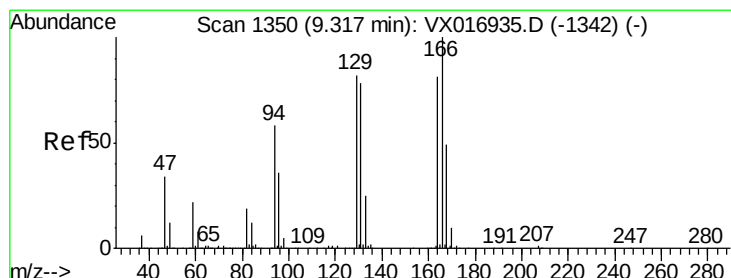
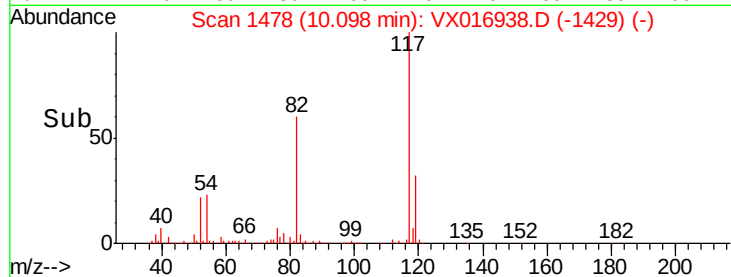
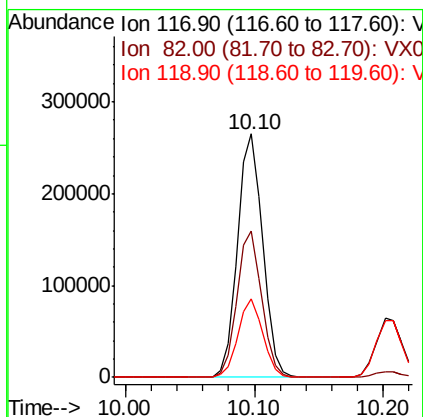
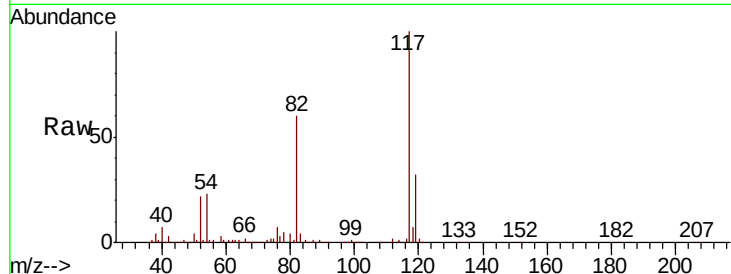




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016938.D
Acq: 23 Jun 2020 18:47

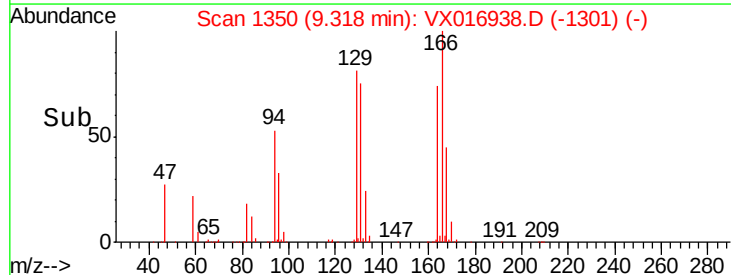
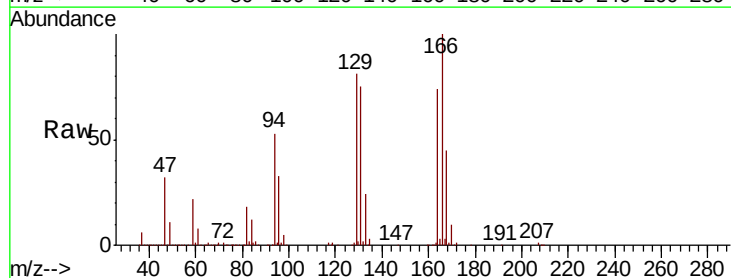
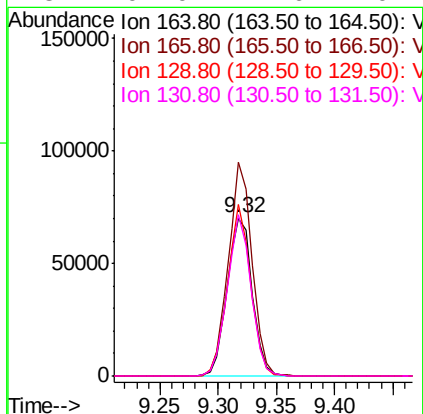
Instrument :
MSVOA_X
ClientSampleId :
ICVVX062320

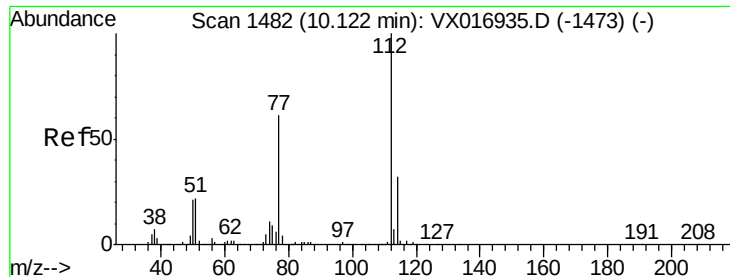
Tot Ion	Ratio	Lower	Upper
117	100		
82	60.0	44.7	67.1
119	32.0	25.4	38.0



#64
Tetrachloroethene
Concen: 43.125 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX016938.D
Acq: 23 Jun 2020 18:47

Tgt Ion	Ratio	Lower	Upper
164	100		
166	135.4	99.3	148.9
129	109.1	81.4	122.0
131	102.0	77.6	116.4





#65

Chlorobenzene

Concen: 47.239 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX016938.D

Acq: 23 Jun 2020 18:47

Instrument :

MSVOA_X

ClientSampleId :

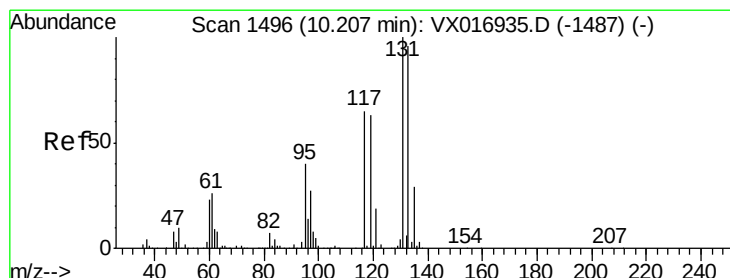
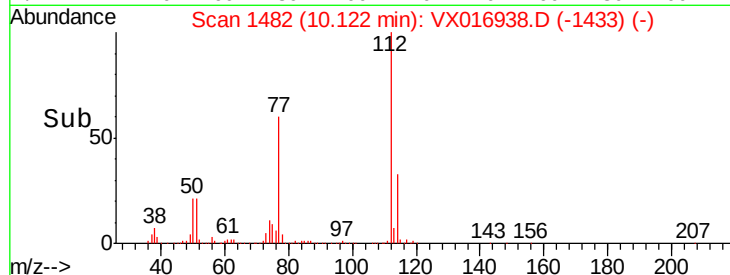
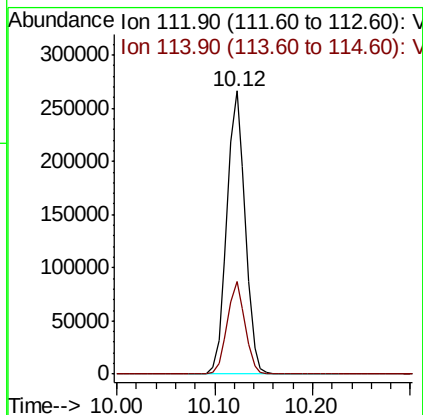
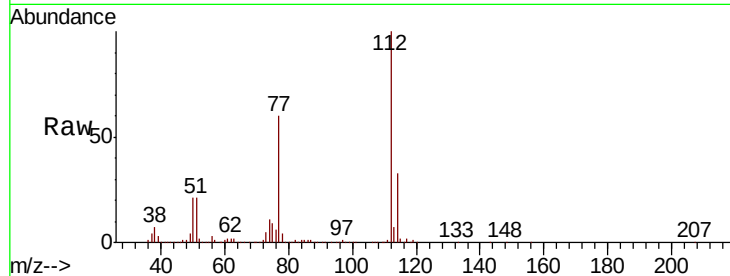
ICVVX062320

Tot Ion:112 Resp: 346359

Ion Ratio Lower Upper

112 100

114 32.5 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 47.484 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.00 min

Lab File: VX016938.D

Acq: 23 Jun 2020 18:47

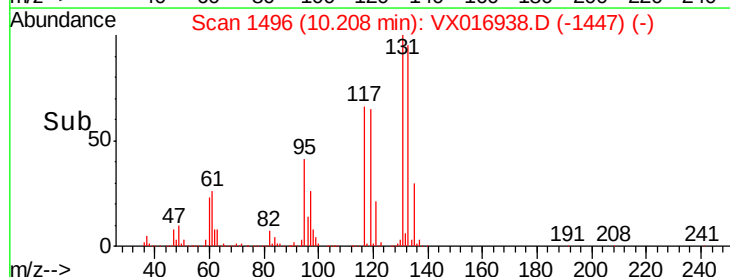
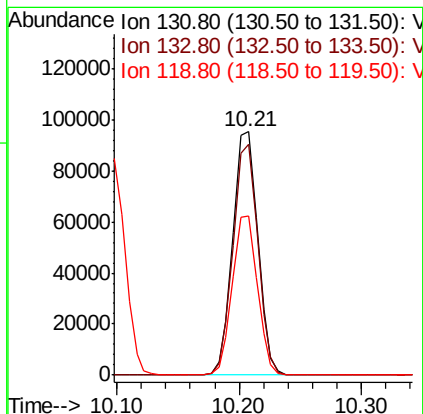
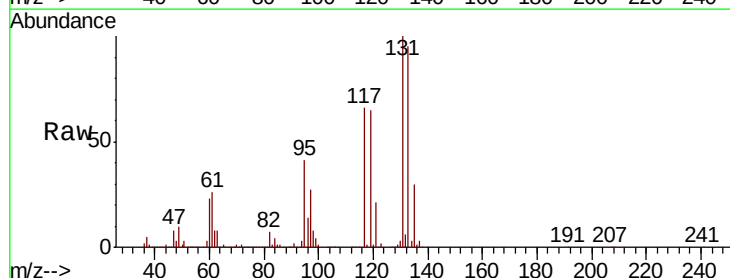
Tgt Ion:131 Resp: 134855

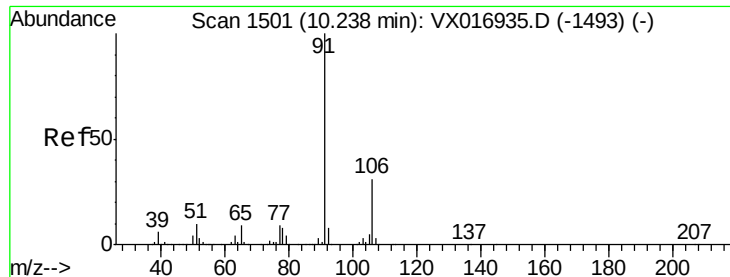
Ion Ratio Lower Upper

131 100

133 94.0 48.3 144.9

119 65.7 32.7 98.1





#67

Ethyl Benzene

Concen: 47.761 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX016938.D

Acq: 23 Jun 2020 18:47

Instrument :

MSVOA_X

ClientSampleId :

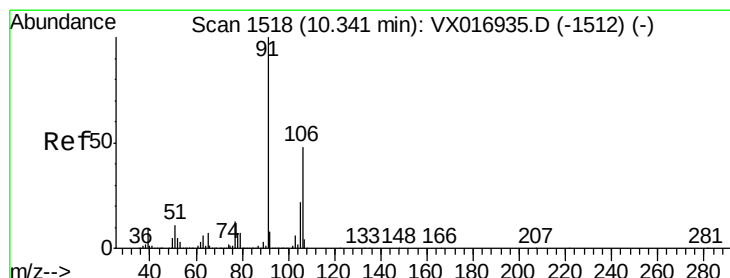
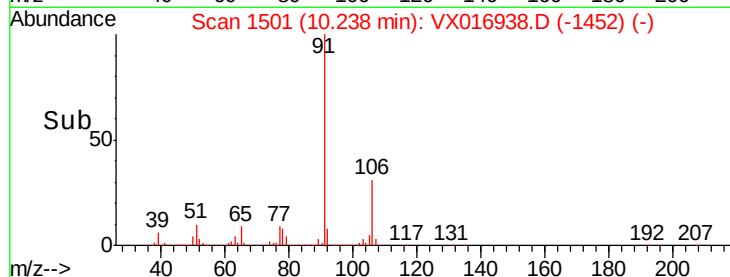
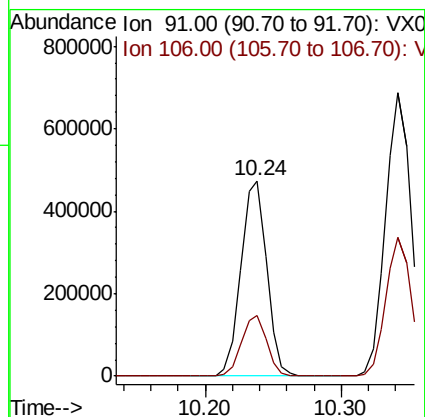
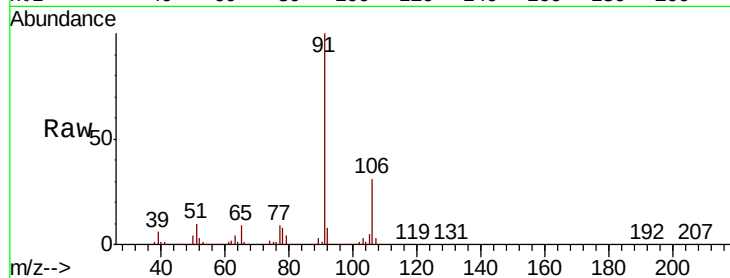
ICVVX062320

Tot Ion: 91 Resp: 626249

Ion Ratio Lower Upper

91 100

106 30.7 24.9 37.3



#68

m/p-Xylenes

Concen: 91.948 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX016938.D

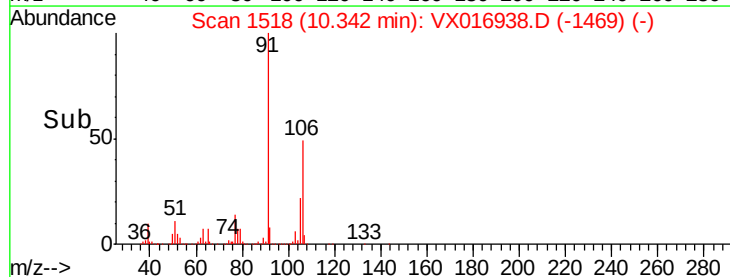
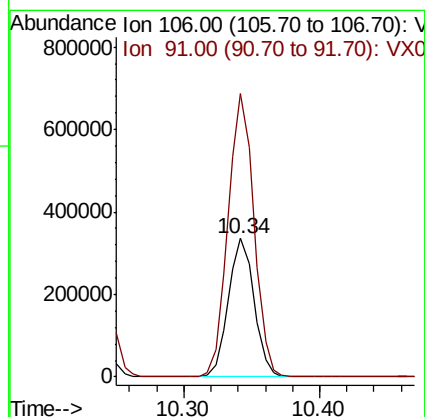
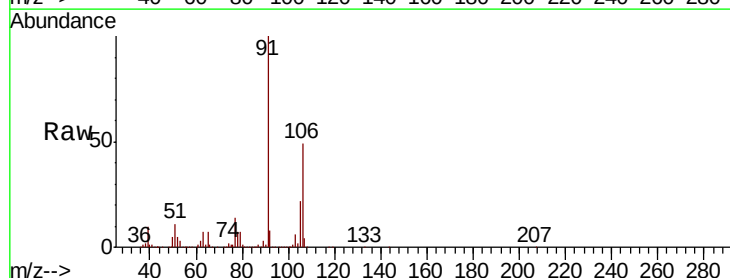
Acq: 23 Jun 2020 18:47

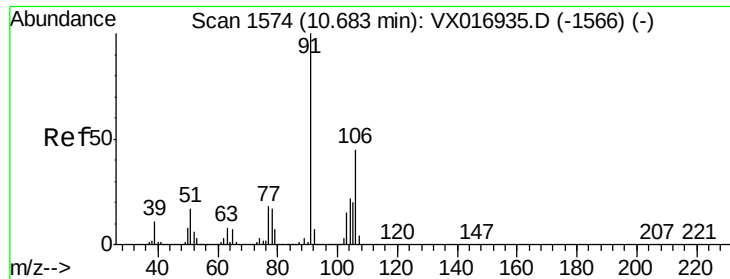
Tgt Ion: 106 Resp: 442774

Ion Ratio Lower Upper

106 100

91 204.7 166.2 249.2

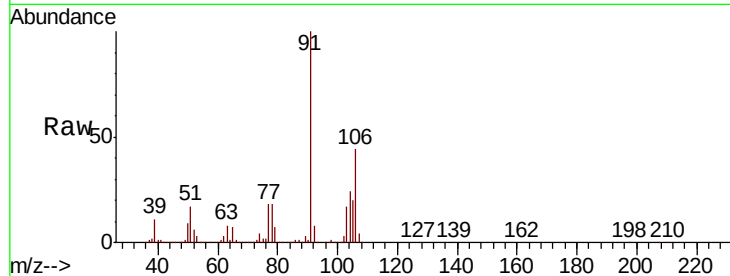




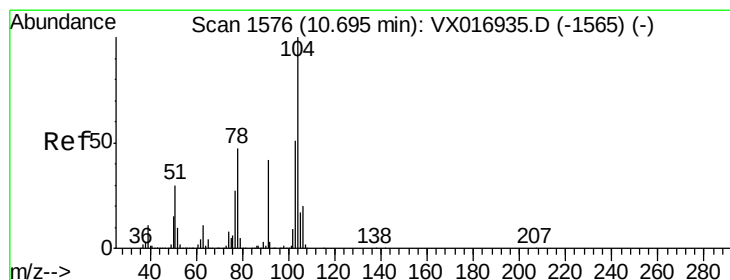
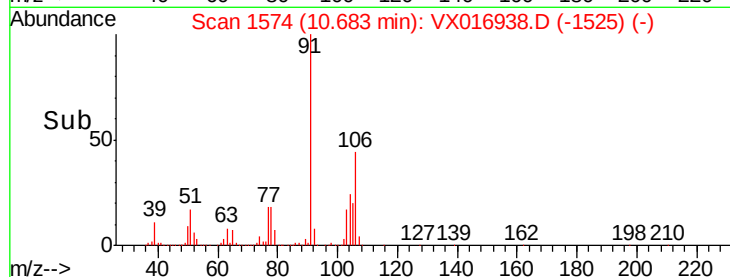
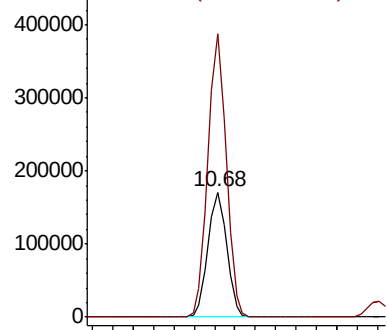
#69
o-Xylene
Concen: 47.233 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016938.D
Acq: 23 Jun 2020 18:47

Instrument :
MSVOA_X
ClientSampleId :
ICVVX062320

Tot Ion:106 Resp: 217269
Ion Ratio Lower Upper
106 100
91 221.3 109.8 329.4

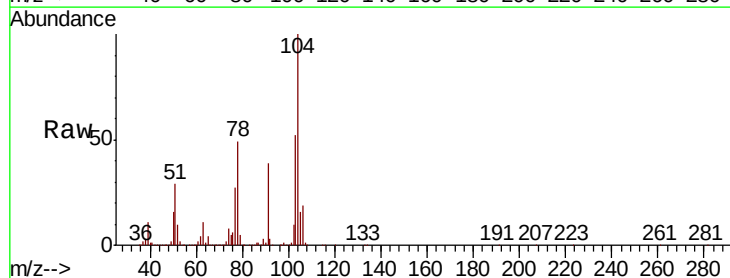


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

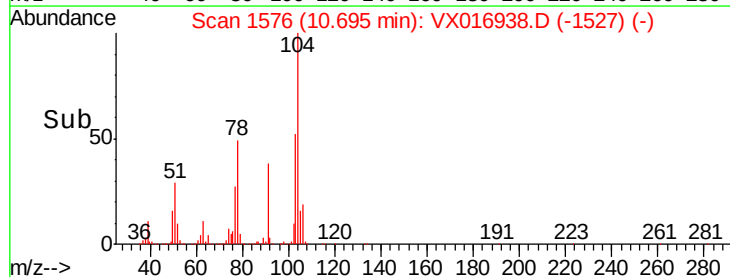
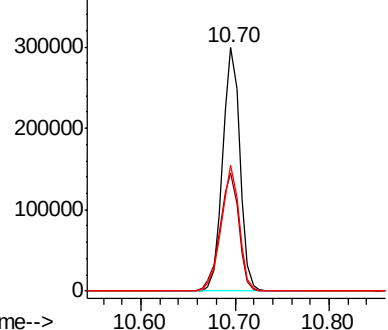


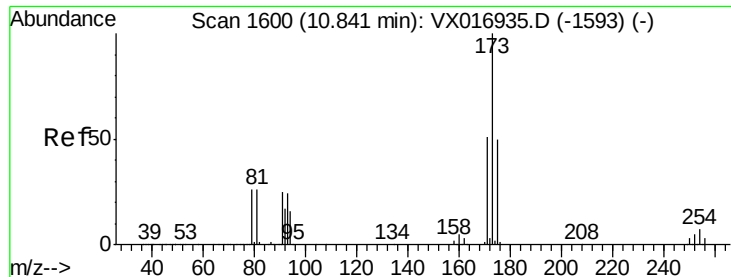
#70
Styrene
Concen: 49.133 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016938.D
Acq: 23 Jun 2020 18:47

Tgt Ion:104 Resp: 384650
Ion Ratio Lower Upper
104 100
78 52.8 41.6 62.4
103 53.6 42.7 64.1



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





#71

Bromoform

Concen: 51.202 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX016938.D

Acq: 23 Jun 2020 18:47

Instrument :

MSVOA_X

ClientSampled :

ICVVX062320

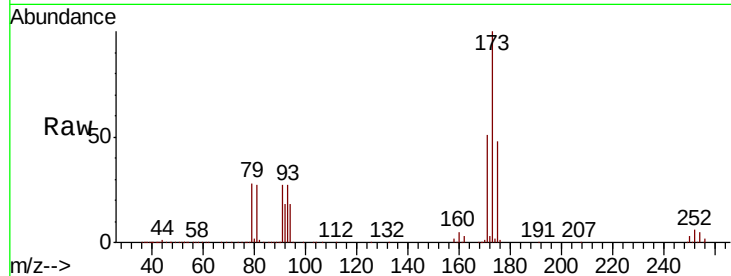
Tot Ion:173 Resp: 108131

Ion Ratio Lower Upper

173 100

175 48.2 24.3 72.9

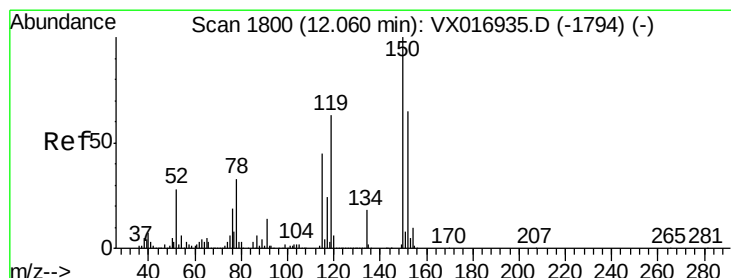
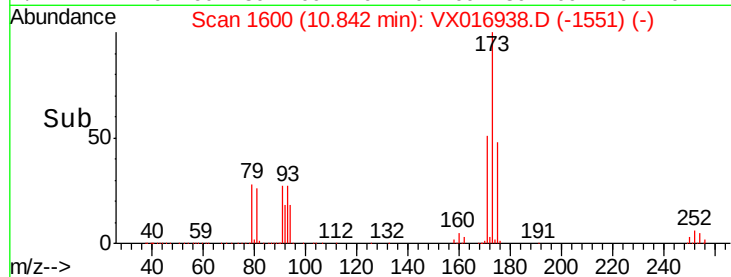
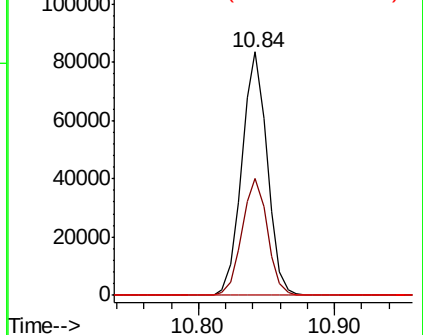
254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX016938.D

Acq: 23 Jun 2020 18:47

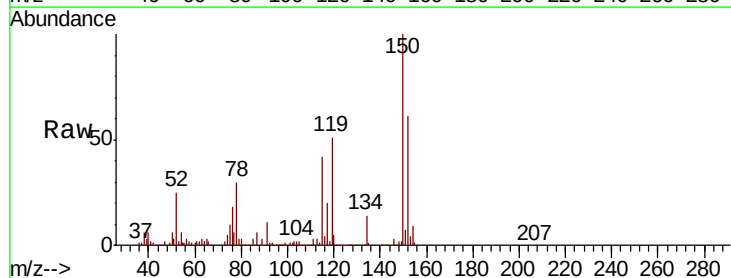
Tgt Ion:152 Resp: 169640

Ion Ratio Lower Upper

152 100

115 86.5 43.1 129.4

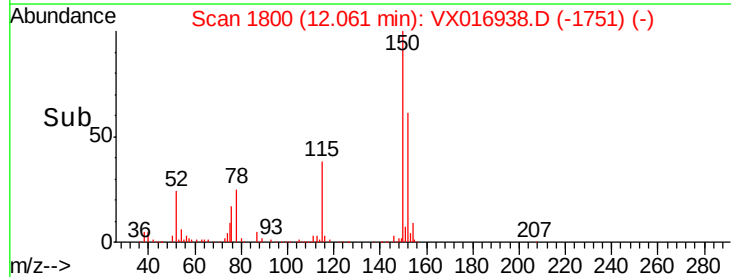
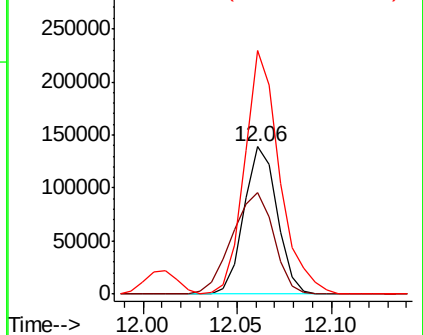
150 173.6 0.0 346.0

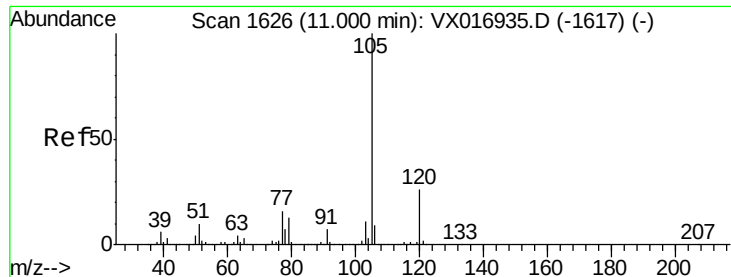


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.081 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016938.D

Acq: 23 Jun 2020 18:47

Instrument :

MSVOA_X

ClientSampleId :

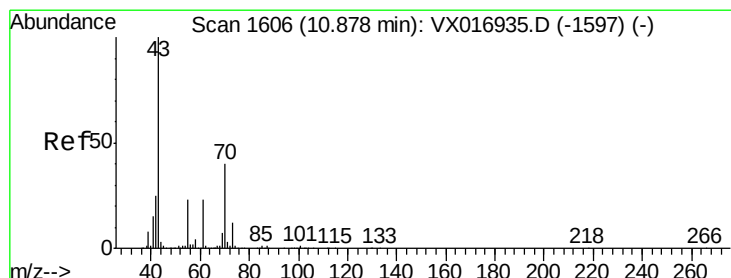
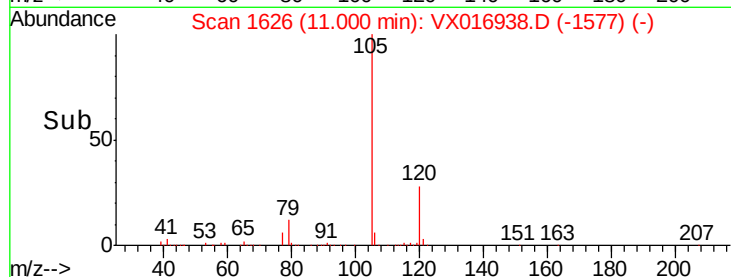
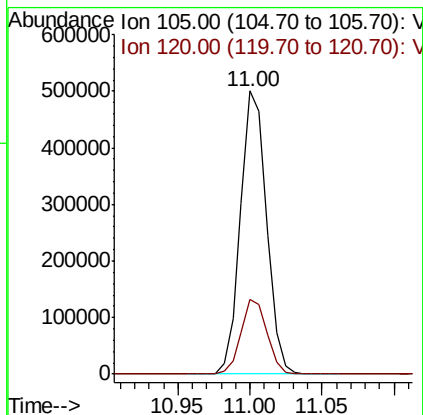
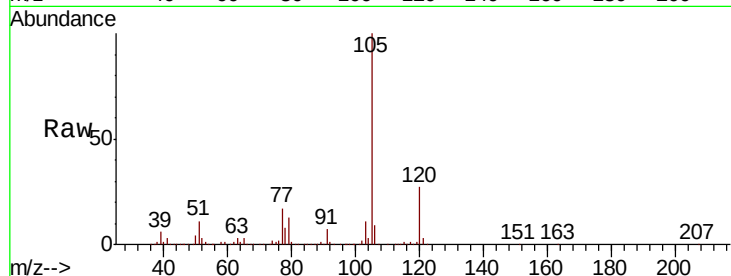
ICVVX062320

Tot Ion:105 Resp: 630407

Ion Ratio Lower Upper

105 100

120 26.4 13.1 39.3



#74

N-ethyl acetate

Concen: 50.991 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX016938.D

Acq: 23 Jun 2020 18:47

Tgt Ion: 43 Resp: 321225

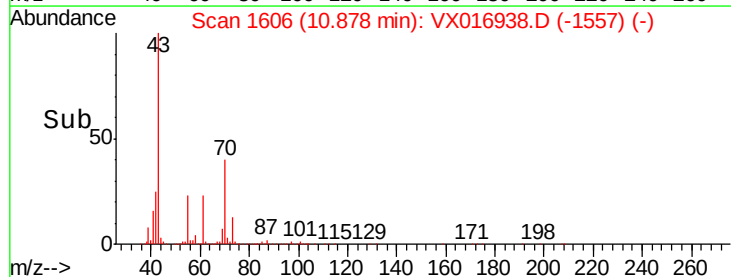
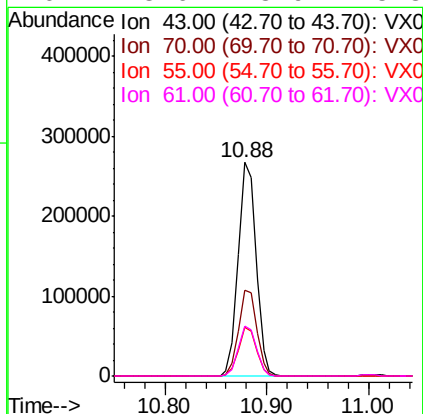
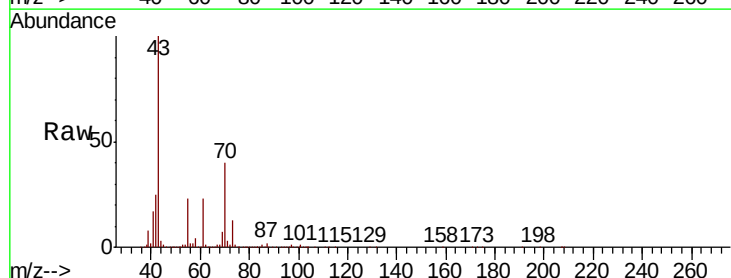
Ion Ratio Lower Upper

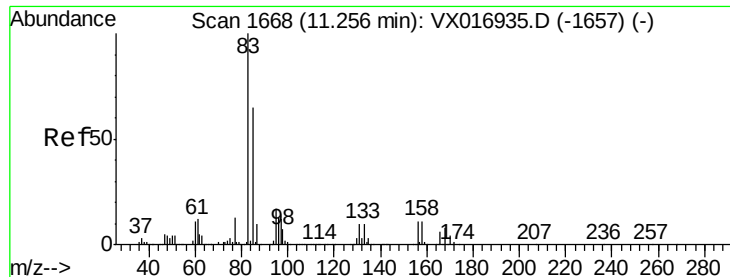
43 100

70 40.8 32.6 49.0

55 22.9 18.8 28.2

61 23.6 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 46.978 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016938.D

Acq: 23 Jun 2020 18:47

Instrument :

MSVOA_X

ClientSampleId :

ICVVX062320

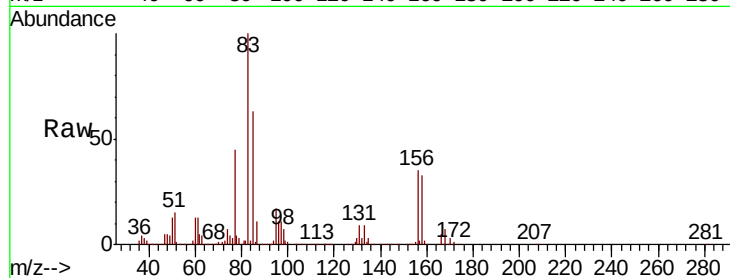
Tot Ion: 83 Resp: 197876

Ion Ratio Lower Upper

83 100

131 10.0 5.1 15.2

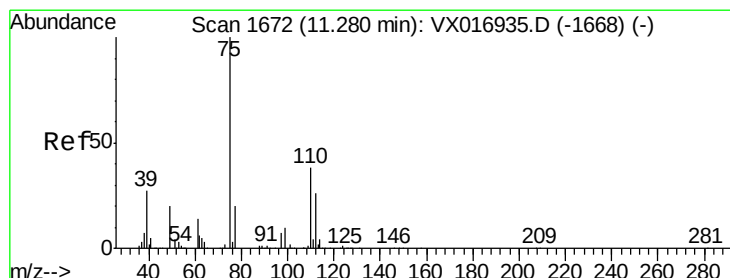
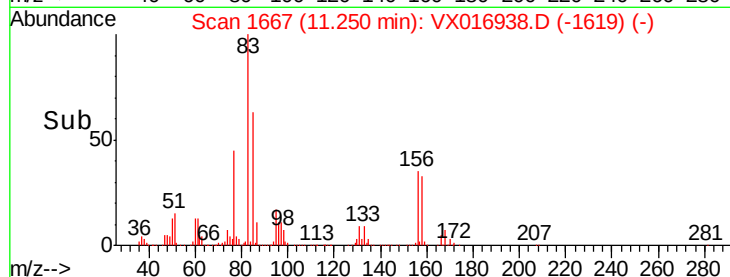
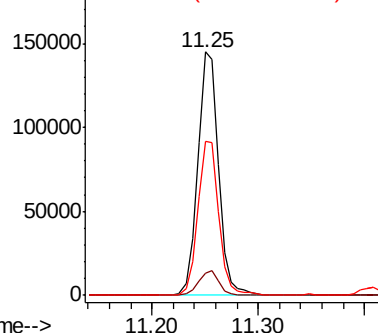
85 64.1 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 63.504 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX016938.D

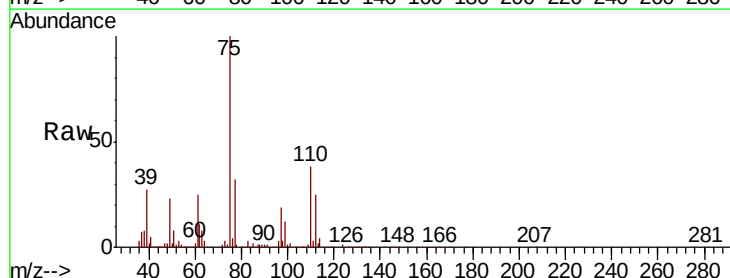
Acq: 23 Jun 2020 18:47

Tgt Ion: 75 Resp: 258407

Ion Ratio Lower Upper

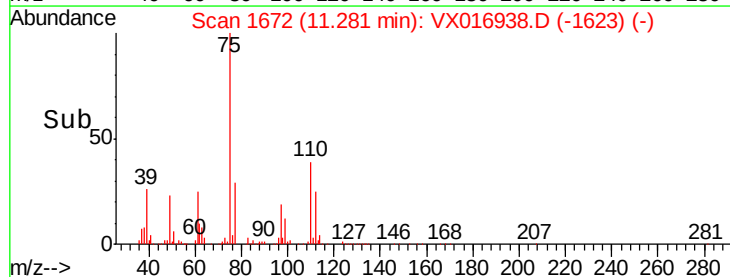
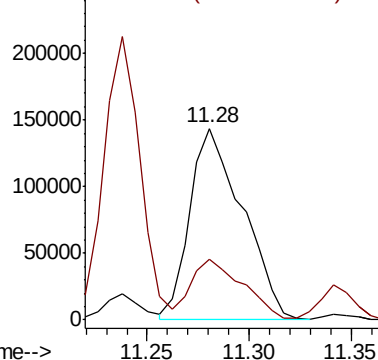
75 100

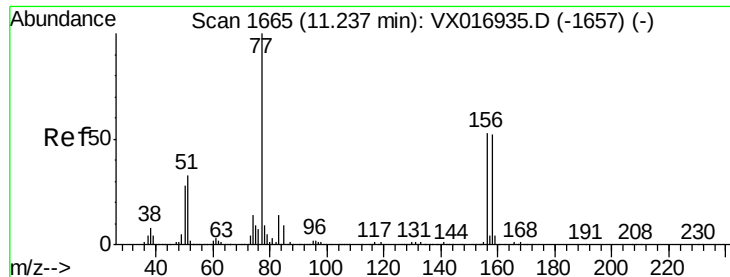
77 31.2 20.1 60.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.603 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016938.D

Acq: 23 Jun 2020 18:47

Instrument :

MSVOA_X

ClientSampleId :

ICVX062320

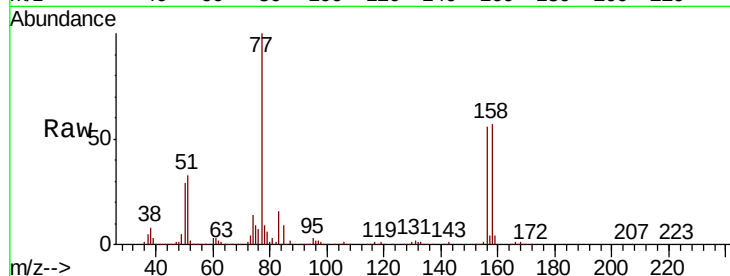
Tot Ion:156 Resp: 147117

Ion Ratio Lower Upper

156 100

77 179.1 91.0 273.1

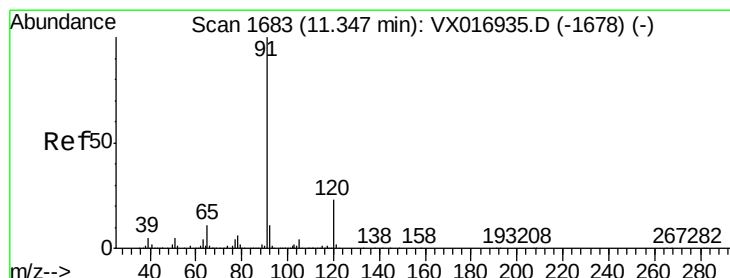
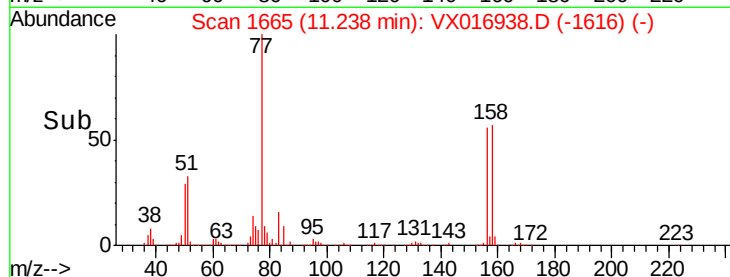
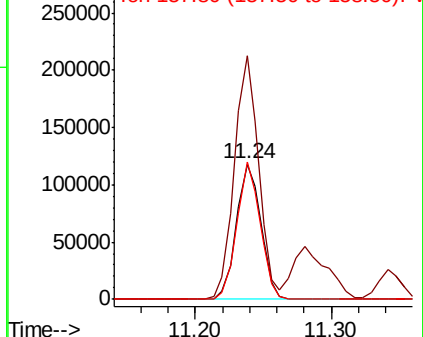
158 97.3 48.4 145.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.285 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX016938.D

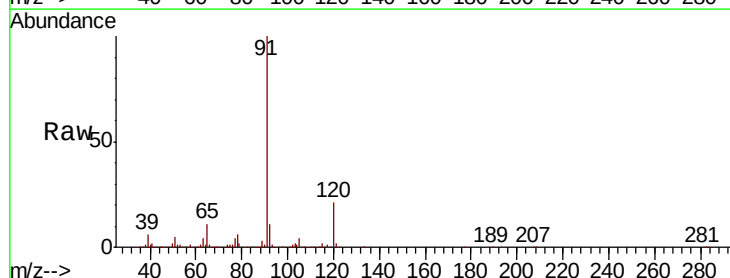
Acq: 23 Jun 2020 18:47

Tgt Ion: 91 Resp: 735969

Ion Ratio Lower Upper

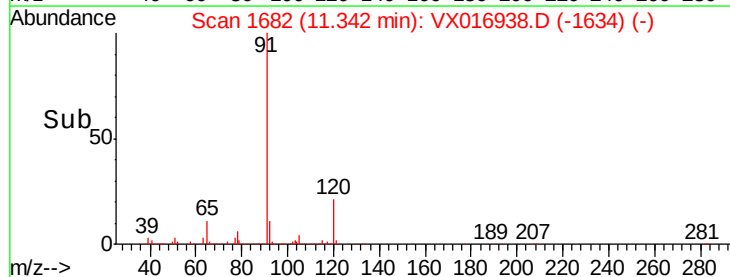
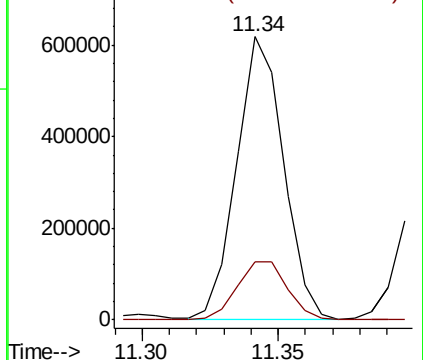
91 100

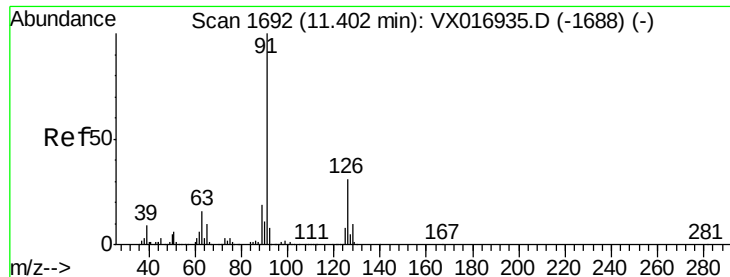
120 22.2 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

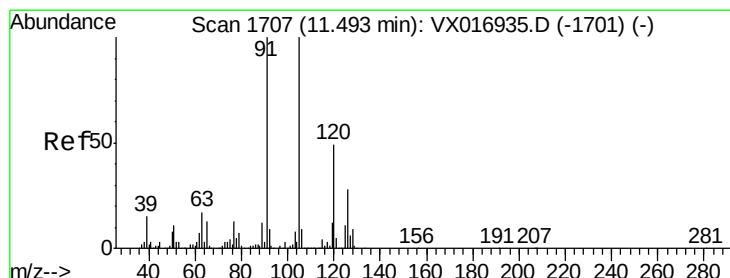
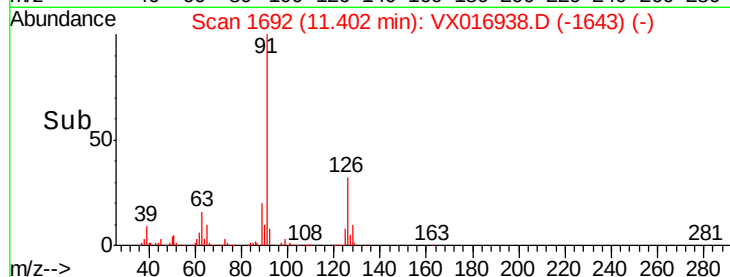
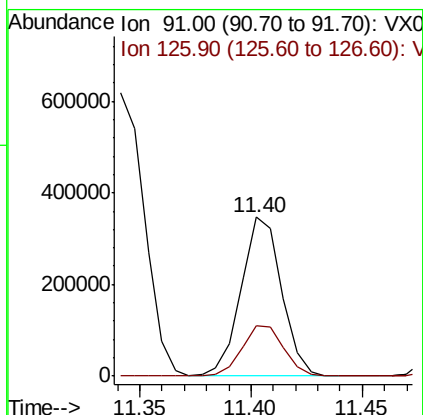
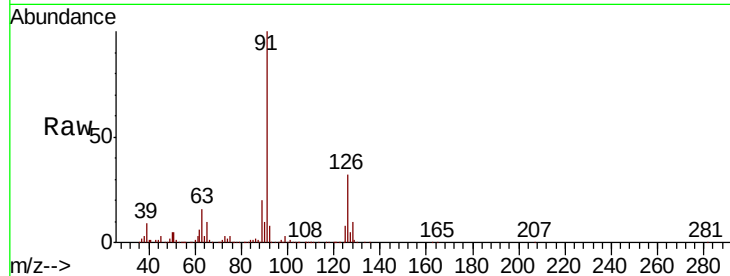




#79
2-Chlorotoluene
Concen: 48.427 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VX016938.D
Acq: 23 Jun 2020 18:47

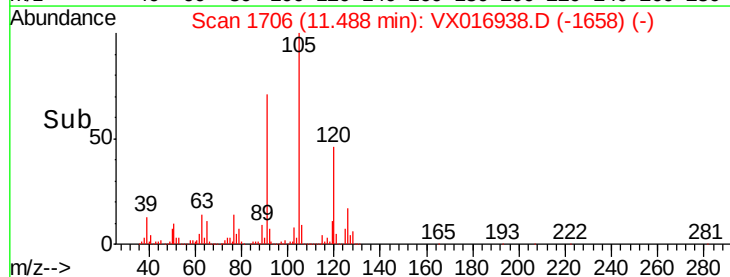
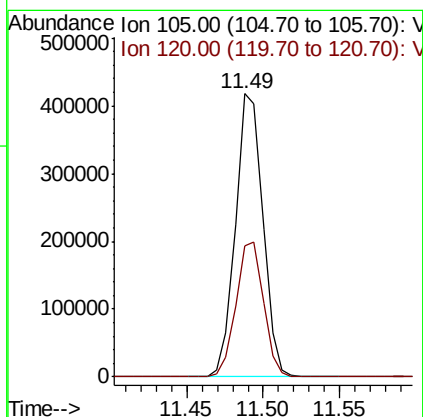
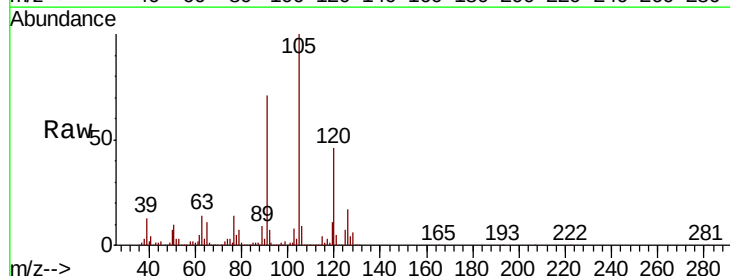
Instrument :
MSVOA_X
ClientSampleId :
ICVVX062320

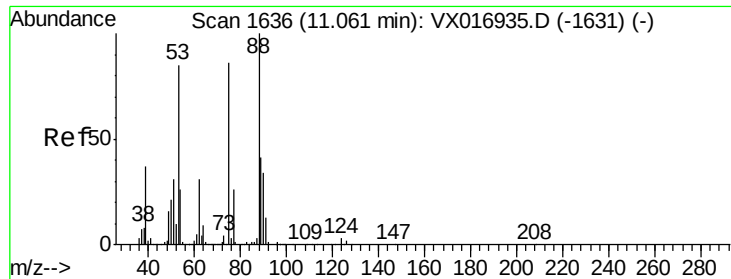
Tot Ion: 91 Resp: 440023
Ion Ratio Lower Upper
91 100
126 33.0 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 49.011 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VX016938.D
Acq: 23 Jun 2020 18:47

Tgt Ion: 105 Resp: 519584
Ion Ratio Lower Upper
105 100
120 47.8 24.2 72.6





#81

trans-1,4-Dichloro-2-butene

Concen: 48.245 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX016938.D

Acq: 23 Jun 2020 18:47

Instrument :

MSVOA_X

ClientSampleId :

ICVVX062320

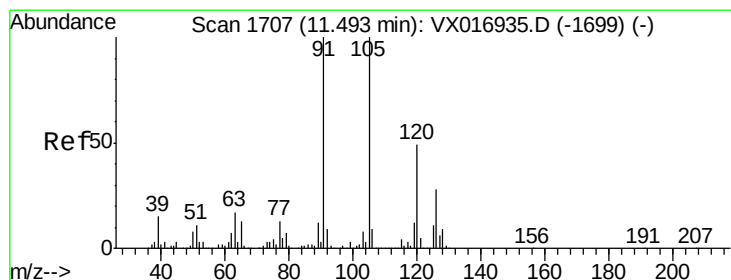
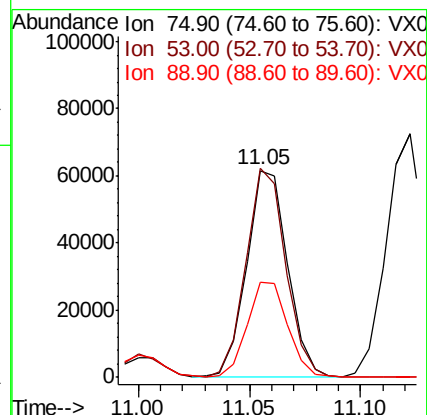
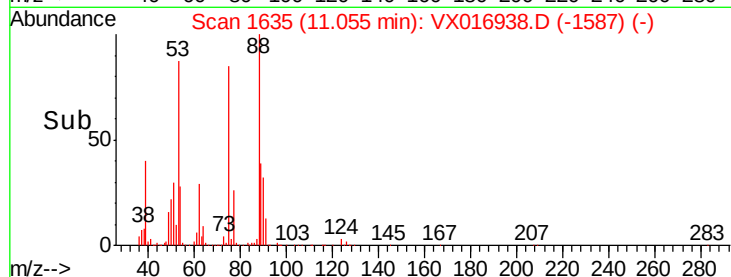
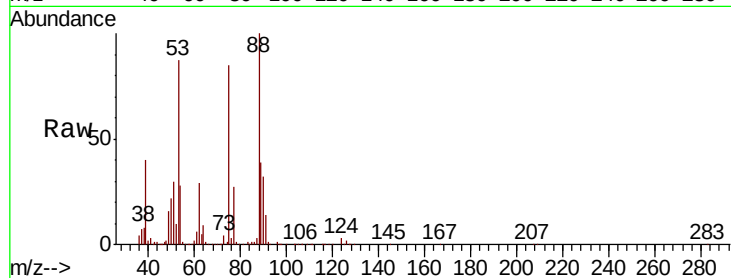
Tot Ion: 75 Resp: 78720

Ion Ratio Lower Upper

75 100

53 98.4 78.9 118.3

89 46.1 37.0 55.6



#82

4-Chlorotoluene

Concen: 47.367 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX016938.D

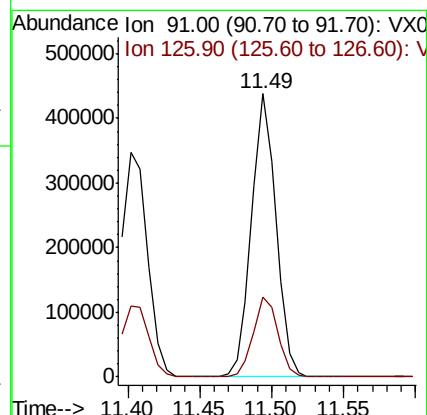
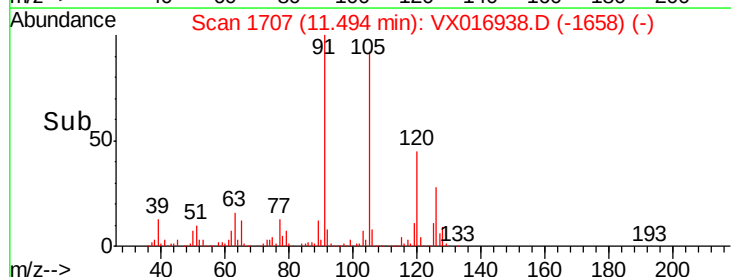
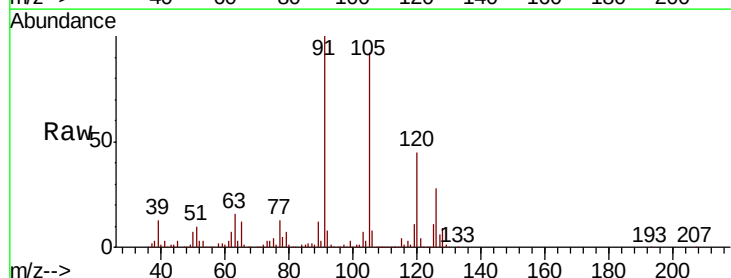
Acq: 23 Jun 2020 18:47

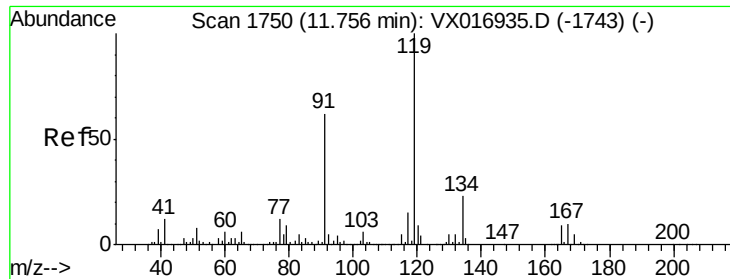
Tgt Ion: 91 Resp: 515225

Ion Ratio Lower Upper

91 100

126 28.5 14.1 42.4

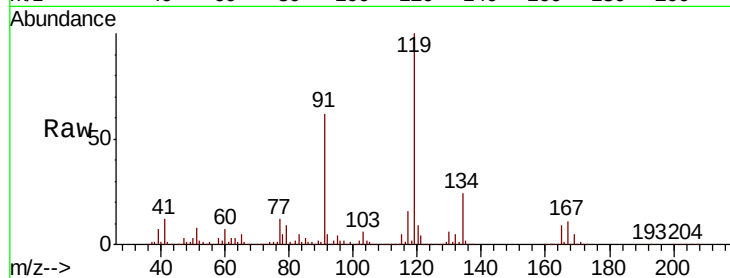




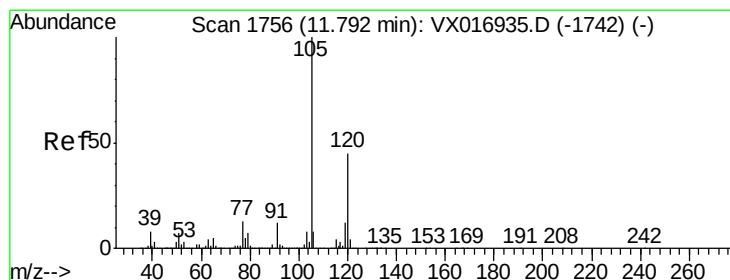
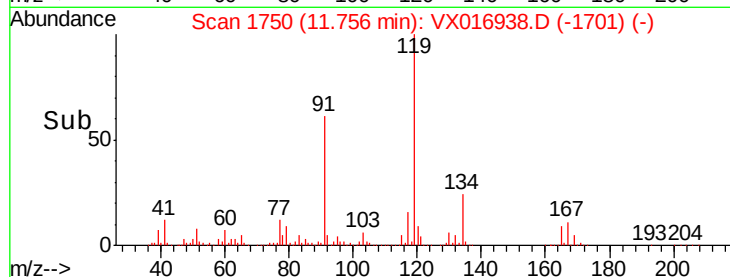
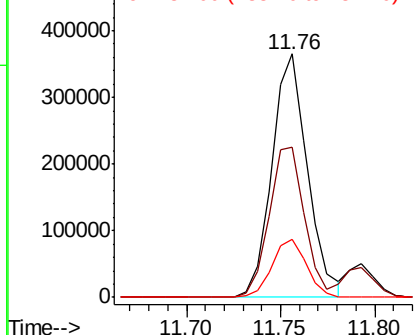
#83
tert-Butylbenzene
Concen: 45.883 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX016938.D
Acq: 23 Jun 2020 18:47

Instrument :
MSVOA_X
ClientSampleId :
ICVVX062320

Tot Ion:119 Resp: 476243
Ion Ratio Lower Upper
119 100
91 61.2 30.3 90.9
134 22.9 11.4 34.2

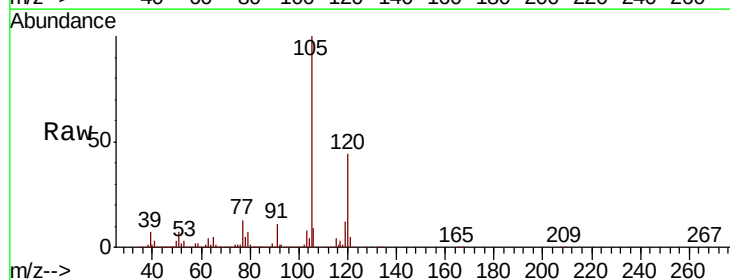


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V

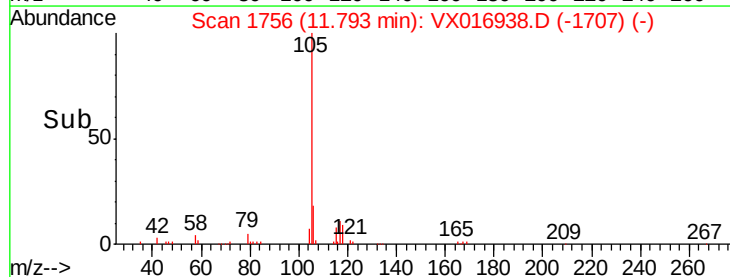
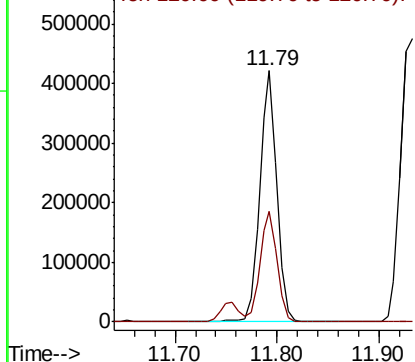


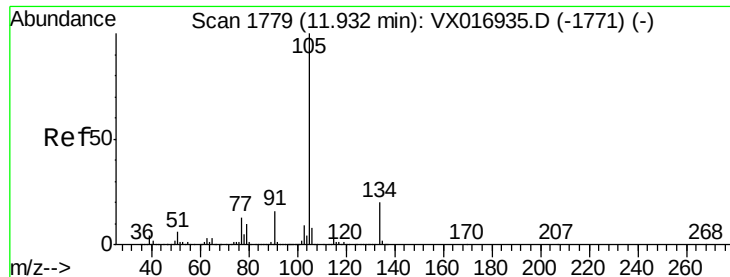
#84
1,2,4-Trimethylbenzene
Concen: 47.145 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX016938.D
Acq: 23 Jun 2020 18:47

Tgt Ion:105 Resp: 496556
Ion Ratio Lower Upper
105 100
120 44.1 22.4 67.0



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 50.779 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX016938.D

Acq: 23 Jun 2020 18:47

Instrument :

MSVOA_X

ClientSampled :

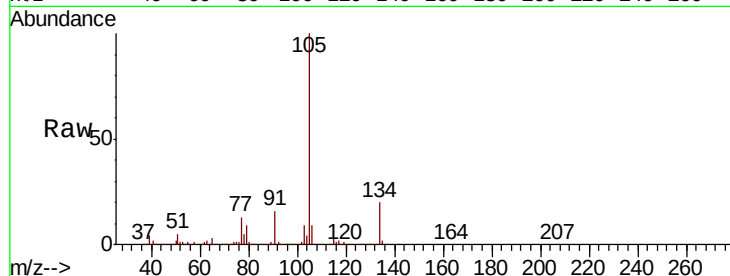
ICVVX062320

Tot Ion:105 Resp: 594567

Ion Ratio Lower Upper

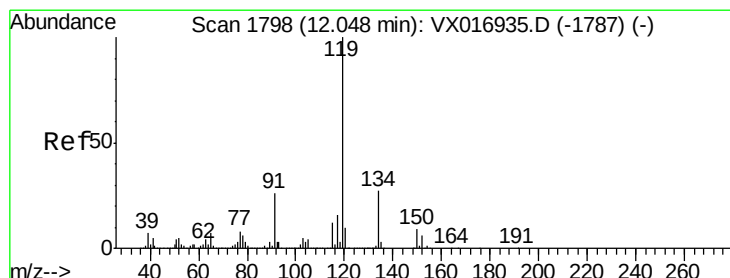
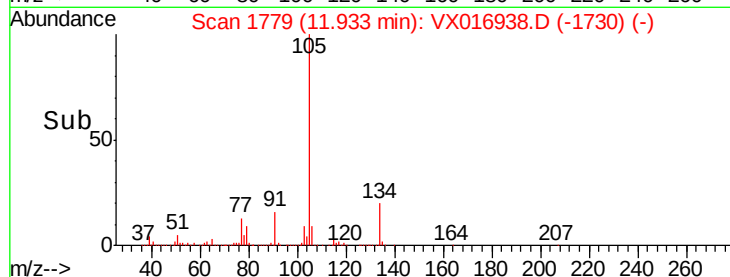
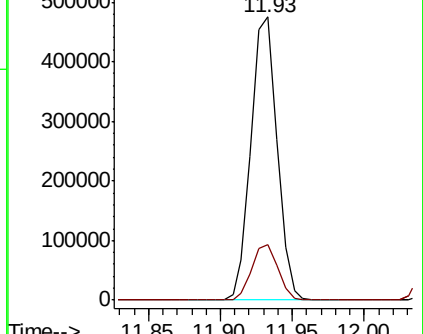
105 100

134 19.7 9.8 29.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.701 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX016938.D

Acq: 23 Jun 2020 18:47

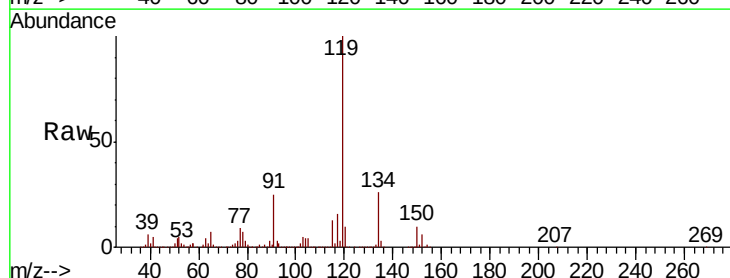
Tgt Ion:119 Resp: 538613

Ion Ratio Lower Upper

119 100

134 26.2 12.9 38.7

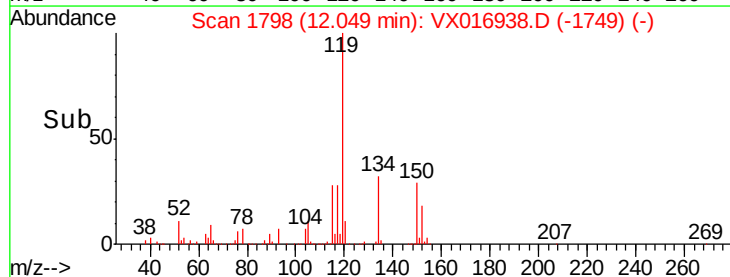
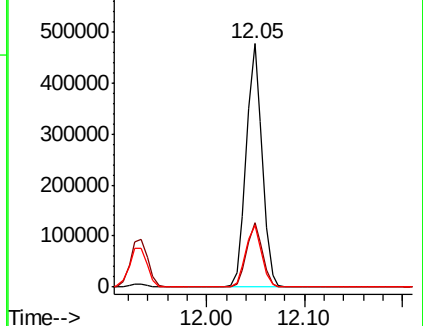
91 25.3 12.6 37.8

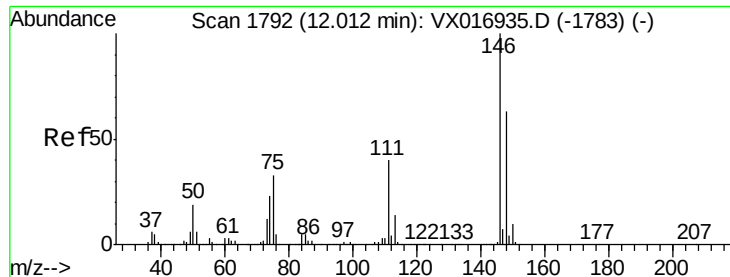


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

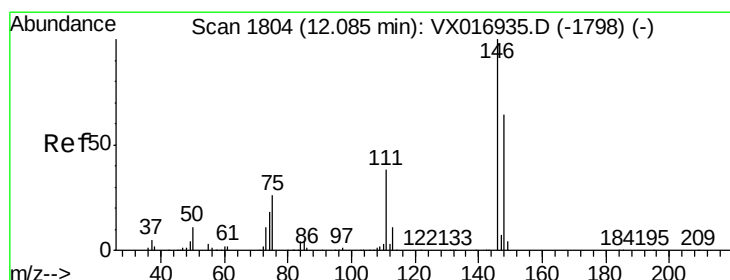
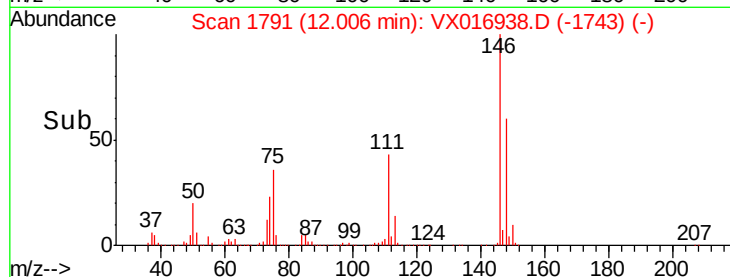
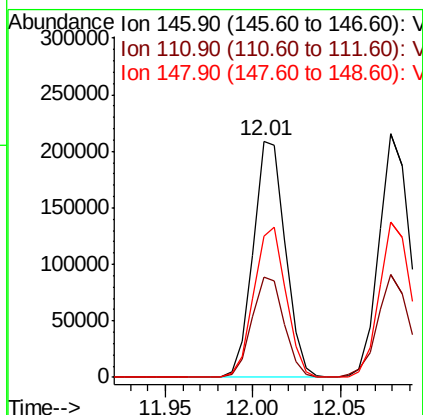
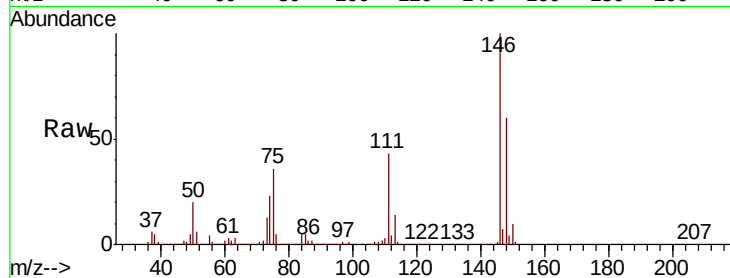




#87
 1,3-Dichlorobenzene
 Concen: 48.182 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX016938.D
 Acq: 23 Jun 2020 18:47

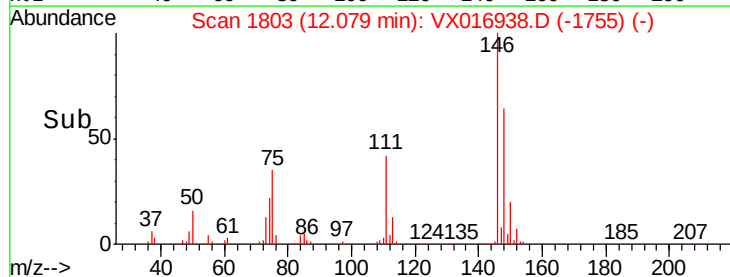
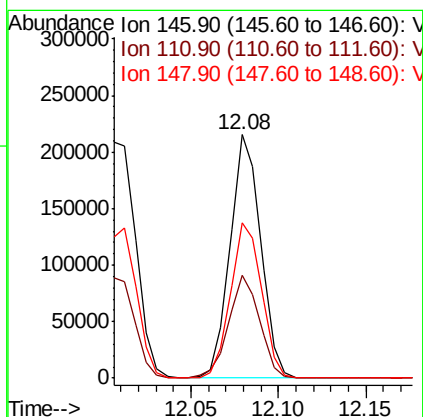
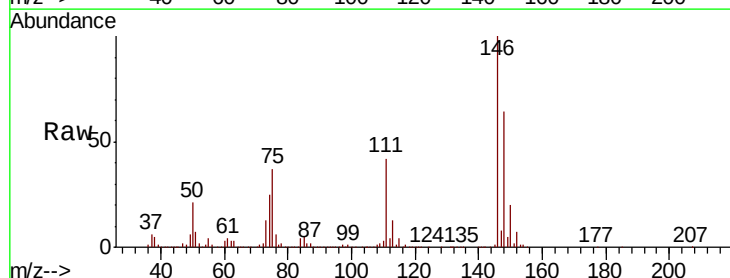
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX062320

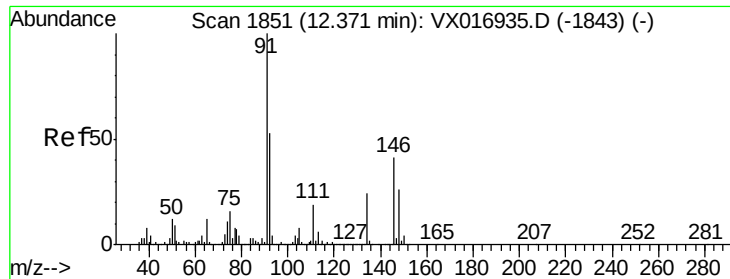
Tot Ion:146 Resp: 267807
 Ion Ratio Lower Upper
 146 100
 111 42.7 20.8 62.5
 148 63.6 32.3 96.9



#88
 1,4-Dichlorobenzene
 Concen: 46.000 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VX016938.D
 Acq: 23 Jun 2020 18:47

Tgt Ion:146 Resp: 261663
 Ion Ratio Lower Upper
 146 100
 111 42.8 20.3 61.0
 148 64.8 31.8 95.3





#89

n-Butylbenzene

Concen: 44.432 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX016938.D

Acq: 23 Jun 2020 18:47

Instrument :

MSVOA_X

ClientSampled :

ICVVX062320

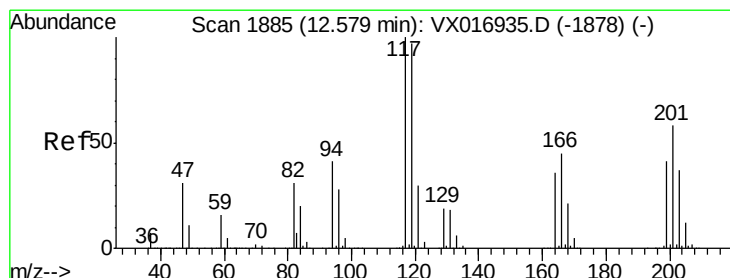
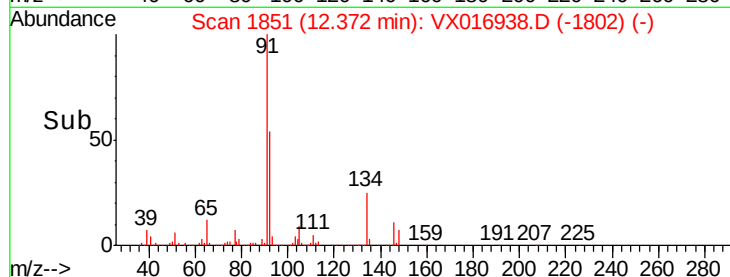
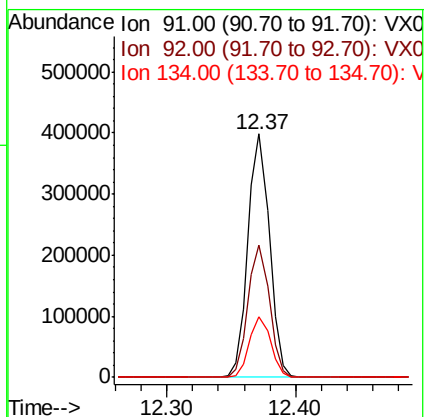
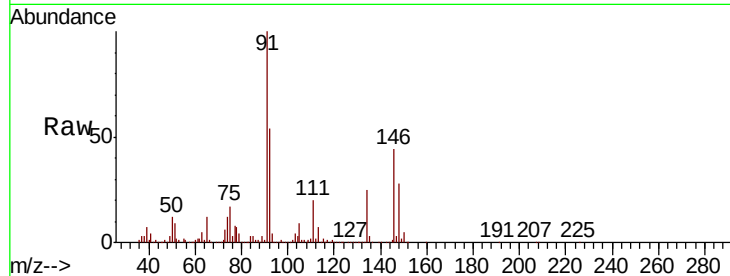
Tot Ion: 91 Resp: 455911

Ion Ratio Lower Upper

91 100

92 54.4 26.8 80.3

134 24.7 12.3 36.8



#90

Hexachloroethane

Concen: 48.290 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX016938.D

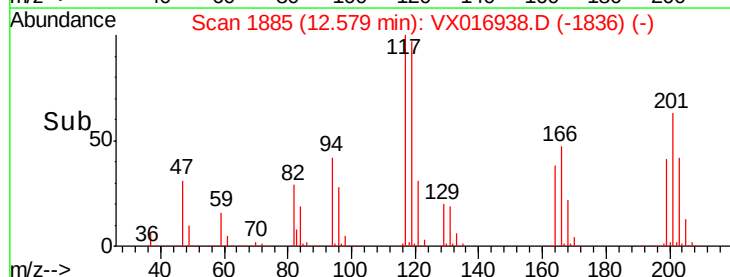
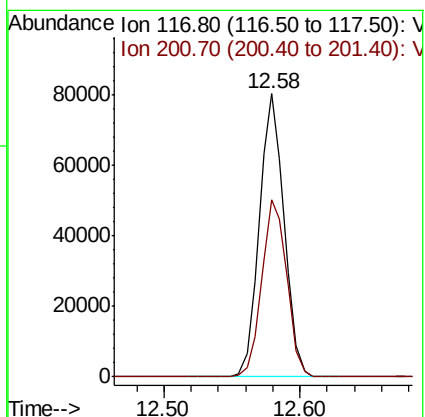
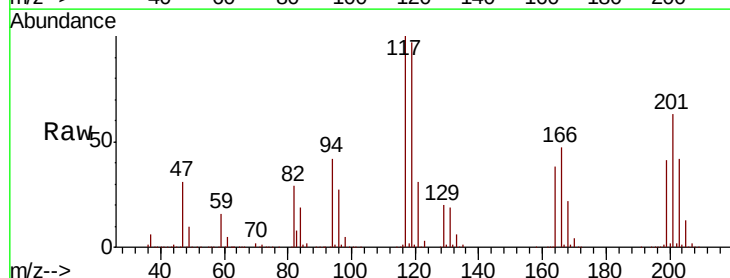
Acq: 23 Jun 2020 18:47

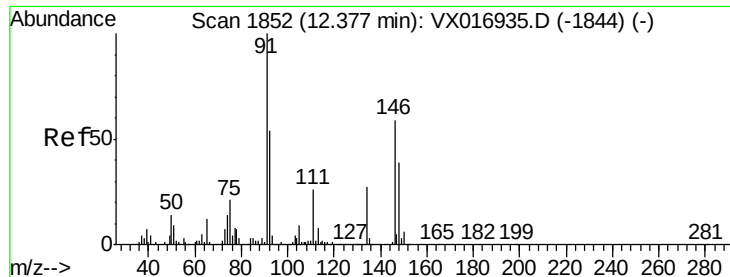
Tgt Ion: 117 Resp: 102803

Ion Ratio Lower Upper

117 100

201 63.5 31.1 93.5

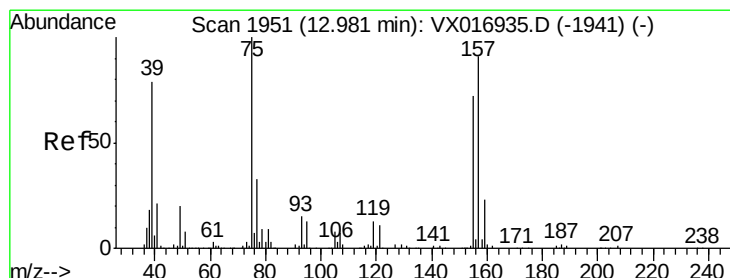
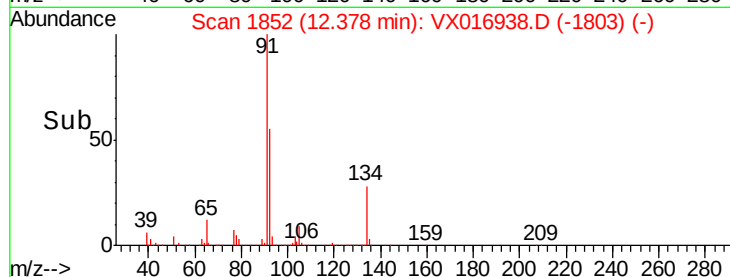
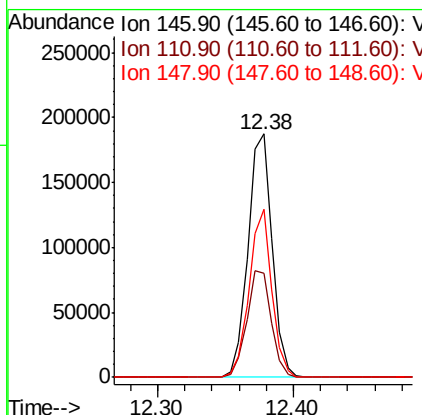
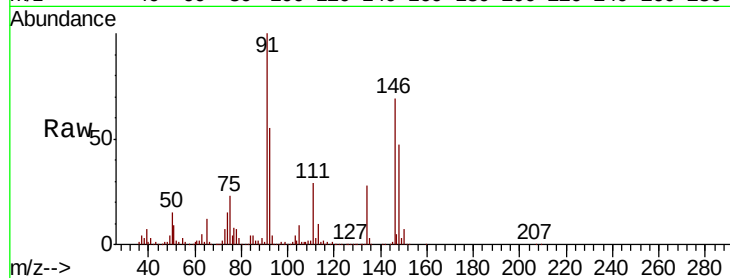




#91
 1,2-Dichlorobenzene
 Concen: 43.540 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX016938.D
 Acq: 23 Jun 2020 18:47

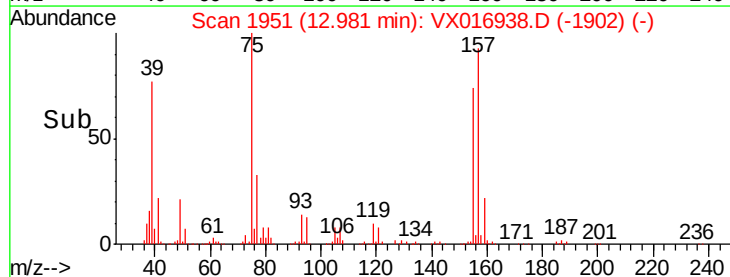
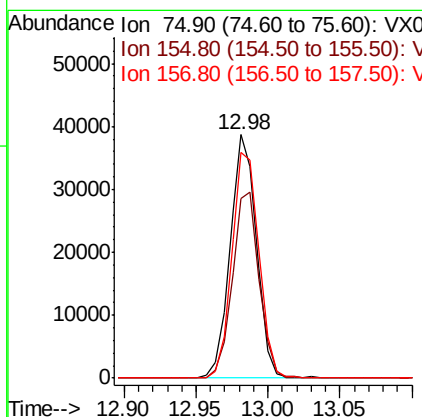
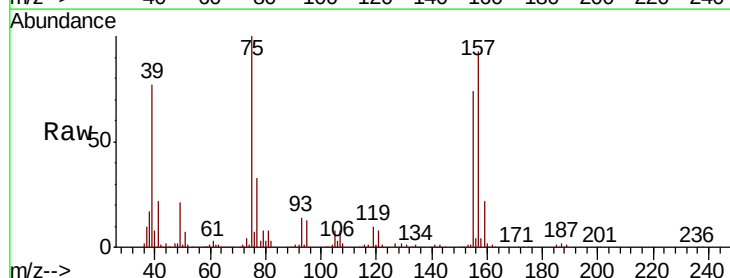
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX062320

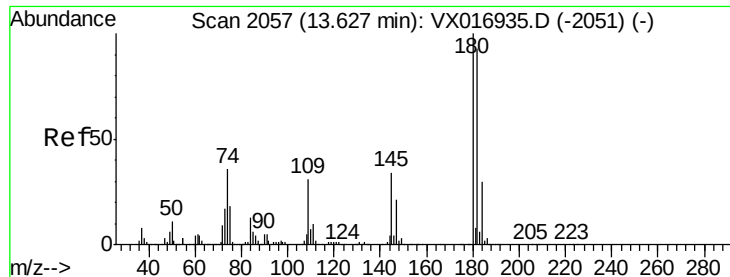
Tot Ion	Ratio	Lower	Upper
146	100		
111	44.5	22.0	66.0
148	64.5	32.1	96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.325 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX016938.D
 Acq: 23 Jun 2020 18:47

Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.2	36.1	108.5
157	95.0	46.6	139.8

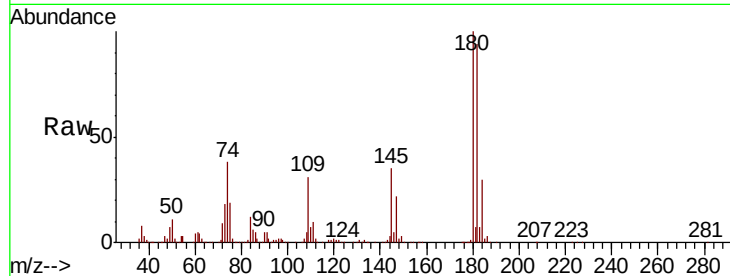




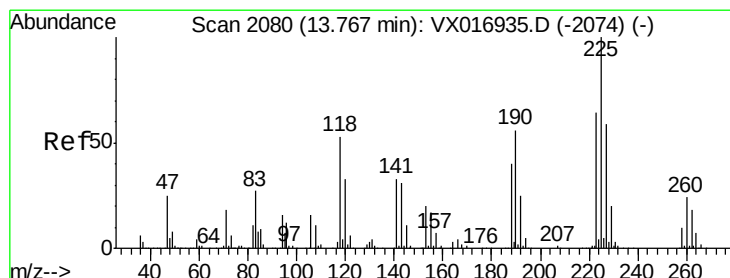
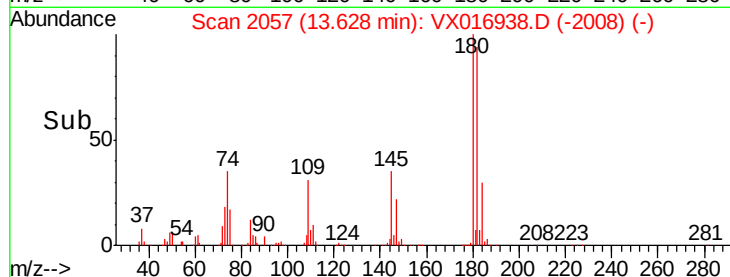
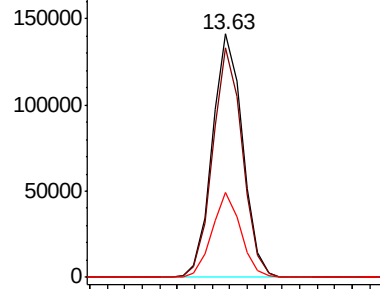
#93
 1,2,4-Trichlorobenzene
 Concen: 48.412 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016938.D
 Acq: 23 Jun 2020 18:47

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX062320

Tot Ion:180 Resp: 169387
 Ion Ratio Lower Upper
 180 100
 182 92.7 47.3 142.0
 145 33.2 16.4 49.2

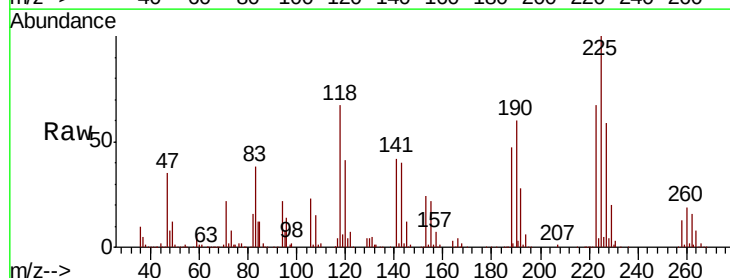


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

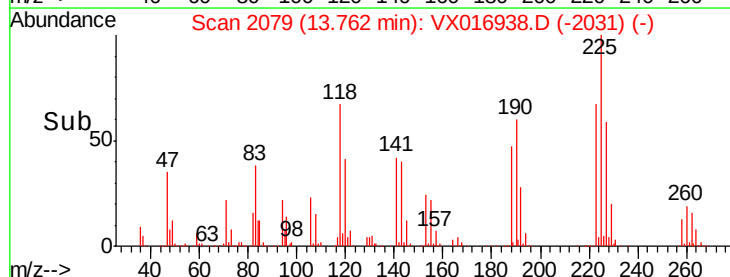
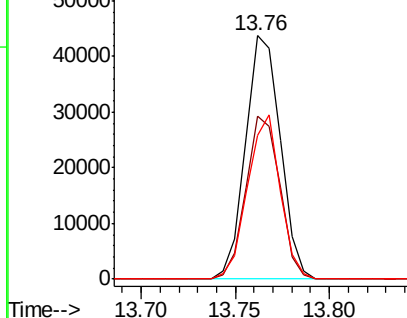


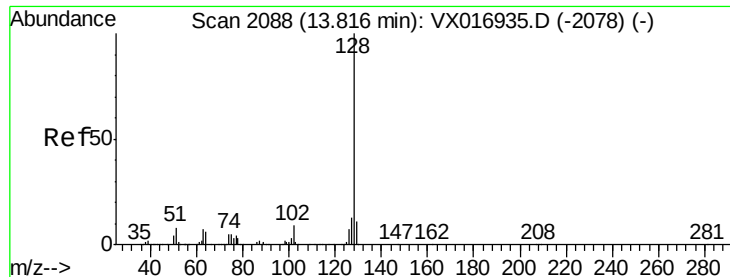
#94
 Hexachlorobutadiene
 Concen: 46.013 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX016938.D
 Acq: 23 Jun 2020 18:47

Tgt Ion:225 Resp: 56165
 Ion Ratio Lower Upper
 225 100
 223 65.2 32.5 97.4
 227 63.3 29.3 88.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 52.201 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX016938.D

Acq: 23 Jun 2020 18:47

Instrument :

MSVOA_X

ClientSampleId :

ICVVX062320

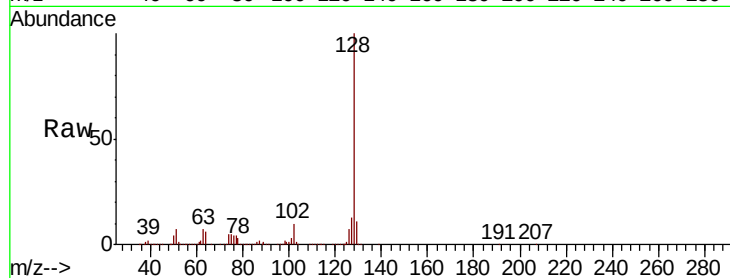
Tot Ion:128 Resp: 620631

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

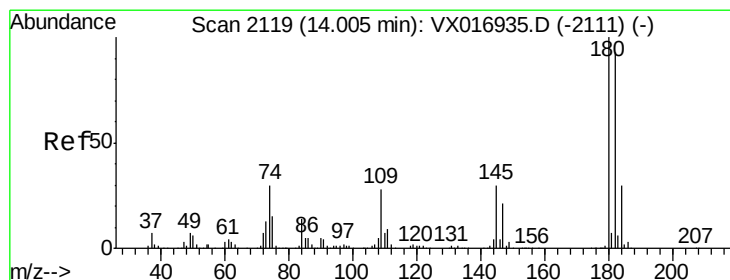
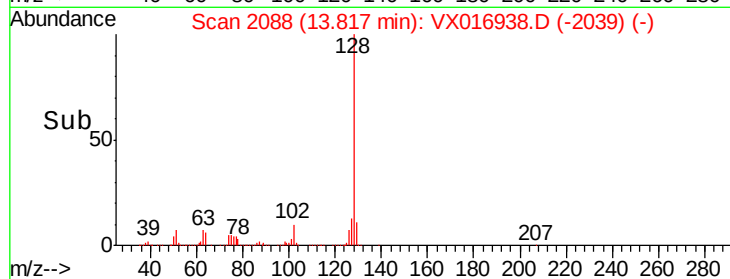
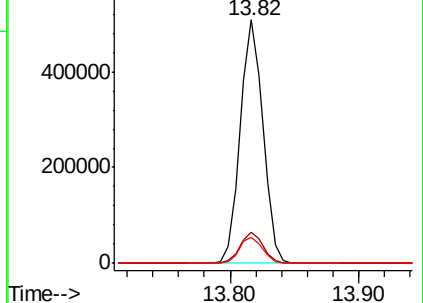
129 11.0 8.7 13.1



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



#96

1,2,3-Trichlorobenzene

Concen: 49.506 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.01 min

Lab File: VX016938.D

Acq: 23 Jun 2020 18:47

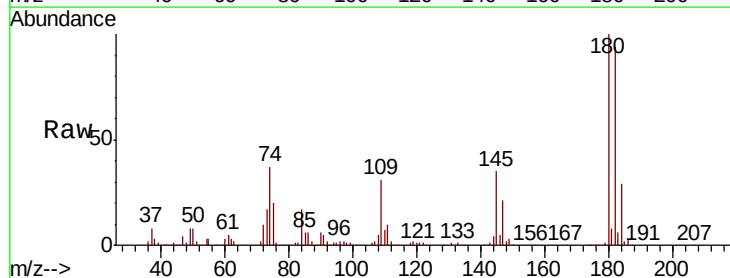
Tgt Ion:180 Resp: 167550

Ion Ratio Lower Upper

180 100

182 95.1 47.4 142.3

145 35.5 17.1 51.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

