

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX082120\
 Data File : VX018047.D
 Acq On : 20 Aug 2020 21:39
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX082120

Quant Time: Aug 21 03:05:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	657971	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1075563	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1026369	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	496868	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	414000	45.32	ug/l	0.00
Spiked Amount			Recovery	=	90.64%	
35) Dibromofluoromethane	5.47	113	331356	45.24	ug/l	0.00
Spiked Amount			Recovery	=	90.48%	
50) Toluene-d8	8.70	98	1203789	44.12	ug/l	0.00
Spiked Amount			Recovery	=	88.24%	
62) 4-Bromofluorobenzene	11.12	95	465955	43.41	ug/l	0.00
Spiked Amount			Recovery	=	86.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	371493	46.373	ug/l	100
3) Chloromethane	1.31	50	372148	44.063	ug/l	100
4) Vinyl Chloride	1.39	62	370572	44.077	ug/l	97
5) Bromomethane	1.62	94	211161	52.072	ug/l	99
6) Chloroethane	1.71	64	215642	47.755	ug/l	100
7) Trichlorofluoromethane	1.92	101	542552	47.326	ug/l	97
8) Diethyl Ether	2.17	74	184856	47.547	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	285372	46.044	ug/l	98
10) Methyl Iodide	2.49	142	256164	39.833	ug/l	99
11) Tert butyl alcohol	3.02	59	407044	229.186	ug/l	99
12) 1,1-Dichloroethene	2.36	96	295114	45.896	ug/l	99
13) Acrolein	2.28	56	184187	250.110	ug/l	98
14) Allyl chloride	2.71	41	544934	47.171	ug/l	99
15) Acrylonitrile	3.12	53	950133	235.838	ug/l	100
16) Acetone	2.42	43	796818	223.870	ug/l	97
17) Carbon Disulfide	2.55	76	865380	44.520	ug/l	98
18) Methyl Acetate	2.75	43	405865	47.254	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	1041086	47.211	ug/l	98
20) Methylene Chloride	2.84	84	340442	46.702	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	325744	45.725	ug/l	99
22) Diisopropyl ether	3.83	45	1125934	49.381	ug/l	99
23) Vinyl Acetate	3.79	43	5166970	254.677	ug/l	100
24) 1,1-Dichloroethane	3.67	63	603412	46.491	ug/l	98
25) 2-Butanone	4.64	43	1433999	245.147	ug/l	99
26) 2,2-Dichloropropane	4.55	77	473523	44.839	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	392434	47.811	ug/l	97
28) Bromochloromethane	4.98	49	294454	47.000	ug/l	97
29) Tetrahydrofuran	5.09	42	923884	248.108	ug/l	100
30) Chloroform	5.18	83	633916	47.169	ug/l	96
31) Cyclohexane	5.55	56	528698	48.357	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	574109	46.550	ug/l	100
36) 1,1-Dichloropropene	5.77	75	467543	47.129	ug/l	99
37) Ethyl Acetate	4.80	43	559245	48.537	ug/l	99
38) Carbon Tetrachloride	5.76	117	516926	46.237	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	507515	46.786	ug/l	99
40) Benzene	6.12	78	1347450	46.225	ug/l	99
41) Methacrylonitrile	5.01	41	304479	48.128	ug/l	100
42) 1,2-Dichloroethane	6.17	62	517282	46.316	ug/l	99
43) Isopropyl Acetate	6.42	43	858735	46.144	ug/l	99
44) Trichloroethene	7.19	130	380219	46.162	ug/l	99
45) 1,2-Dichloropropane	7.49	63	375570	47.804	ug/l	98
46) Dibromomethane	7.64	93	253695	45.920	ug/l	97
47) Bromodichloromethane	7.88	83	518941	47.043	ug/l	100
48) Methyl methacrylate	7.75	41	430167	46.433	ug/l	99
49) 1,4-Dioxane	7.72	88	157806	940.362	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	2812934	244.696	ug/l	99
52) Toluene	8.77	92	860889	46.575	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	573442	46.903	ug/l	95
54) cis-1,3-Dichloropropene	8.41	75	608131	46.955	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	357276	45.321	ug/l	97
56) Ethyl methacrylate	9.16	69	563969	48.123	ug/l	99
57) 1,3-Dichloropropane	9.35	76	608282	46.782	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1225575	232.473	ug/l	99
59) 2-Hexanone	9.48	43	2053378	234.910	ug/l	100
60) Dibromochloromethane	9.57	129	432233	46.739	ug/l	100
61) 1,2-Dibromoethane	9.65	107	379690	44.364	ug/l	98
64) Tetrachloroethene	9.32	164	336933	44.672	ug/l	99
65) Chlorobenzene	10.12	112	962709	46.964	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	365886	45.287	ug/l	98
67) Ethyl Benzene	10.24	91	1683084	48.281	ug/l	100
68) m/p-Xylenes	10.34	106	1229148	94.467	ug/l	97
69) o-Xylene	10.68	106	607965	48.201	ug/l	99
70) Styrene	10.70	104	1055074	49.119	ug/l	98
71) Bromoform	10.84	173	321778	46.693	ug/l #	96
73) Isopropylbenzene	11.01	105	1651700	50.397	ug/l	99
74) N-amyl acetate	10.88	43	799689	51.427	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	527866	45.657	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	655948	59.346	ug/l	86
77) Bromobenzene	11.24	156	424320	46.838	ug/l	99
78) n-propylbenzene	11.35	91	1791846	48.151	ug/l	100
79) 2-Chlorotoluene	11.41	91	1140677	49.614	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1376597	51.114	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	196116	47.921	ug/l	99
82) 4-Chlorotoluene	11.49	91	1333299	48.782	ug/l	99
83) tert-Butylbenzene	11.76	119	1301470	48.967	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	1368241	49.691	ug/l	99
85) sec-Butylbenzene	11.93	105	1521086	50.326	ug/l	100
86) p-Isopropyltoluene	12.05	119	1403219	50.542	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	740102	46.530	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	733315	46.046	ug/l	98
89) n-Butylbenzene	12.37	91	1207662	47.658	ug/l	99
90) Hexachloroethane	12.58	117	271685	49.738	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	686843	45.874	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	133831	46.295	ug/l	96

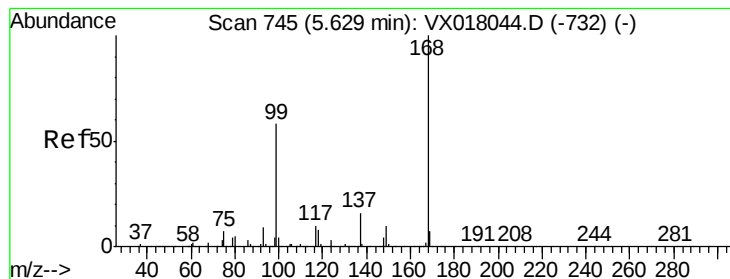
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082120\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	472402	47.316	ug/l	99
94) Hexachlorobutadiene	13.77	225	181363	46.054	ug/l	94
95) Naphthalene	13.82	128	1632413	49.681	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	469069	47.548	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX018047.D

Acq: 20 Aug 2020 21:39

Instrument :

MSVOA_X

ClientSampleId :

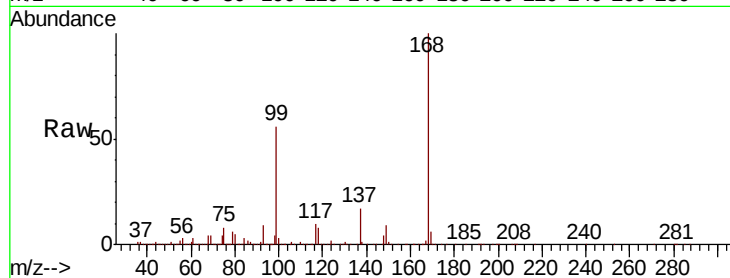
ICVVX082120

Tot Ion:168 Resp: 657971

Ion Ratio Lower Upper

168 100

99 56.0 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

250000

200000

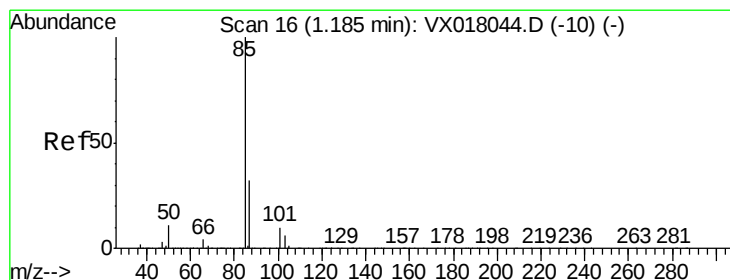
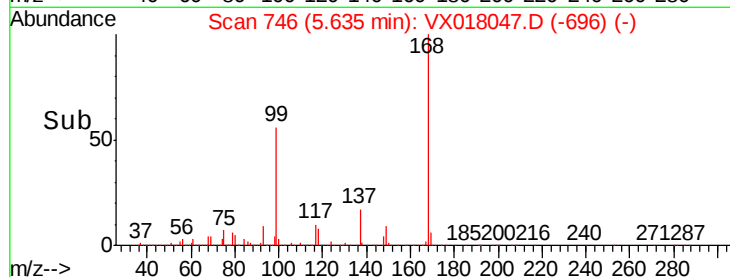
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 46.373 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018047.D

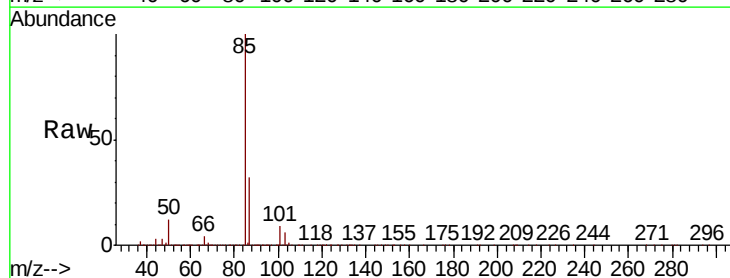
Acq: 20 Aug 2020 21:39

Tgt Ion: 85 Resp: 371493

Ion Ratio Lower Upper

85 100

87 32.0 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

400000

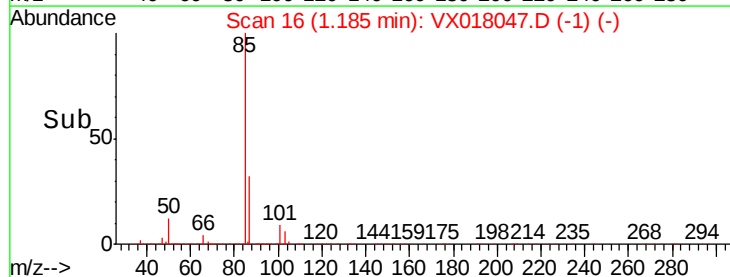
300000

200000

100000

0

Time-->





#3

Chloromethane

Concen: 44.063 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018047.D

Acq: 20 Aug 2020 21:39

Instrument :

MSVOA_X

ClientSampleId :

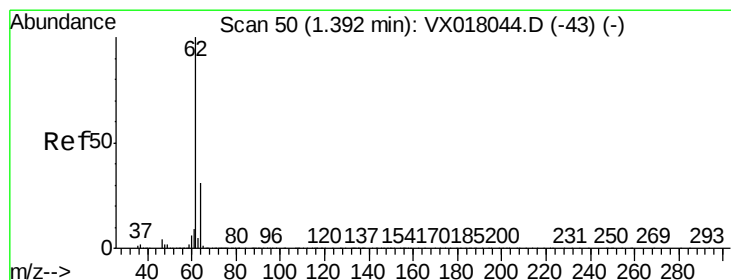
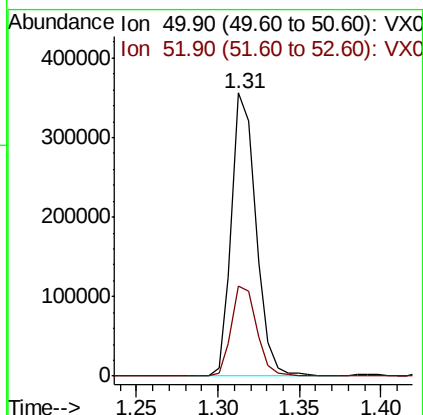
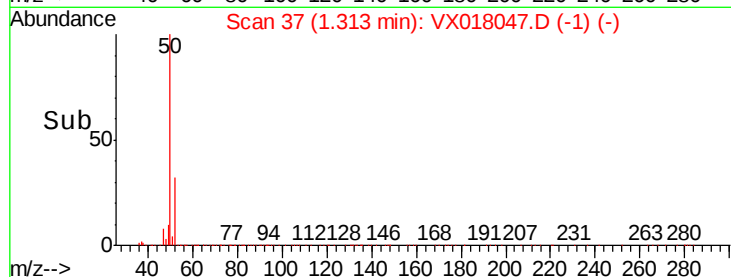
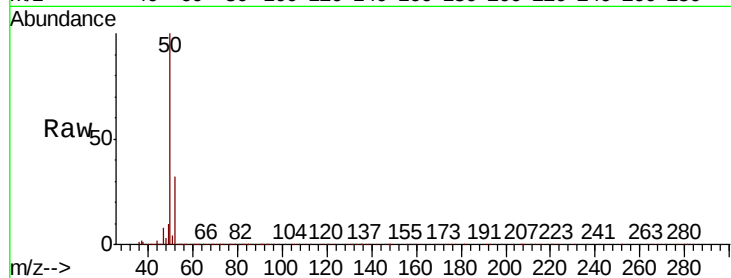
ICVVX082120

Tot Ion: 50 Resp: 372148

Ion Ratio Lower Upper

50 100

52 31.9 25.4 38.2



#4

Vinyl Chloride

Concen: 44.077 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018047.D

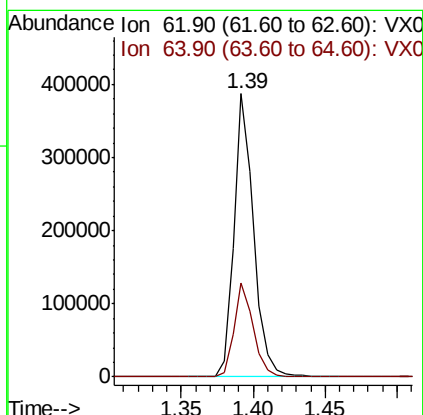
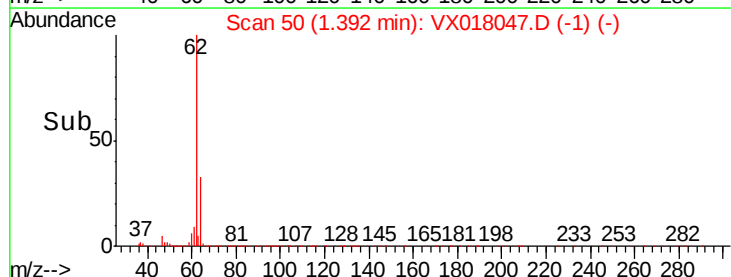
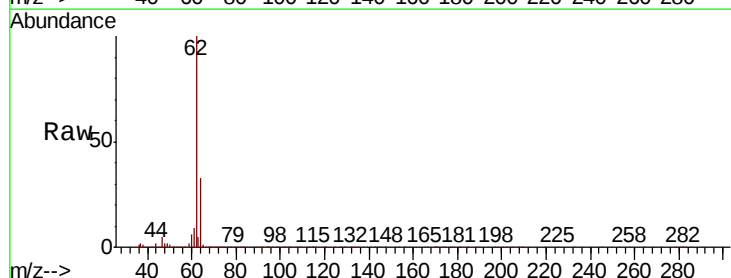
Acq: 20 Aug 2020 21:39

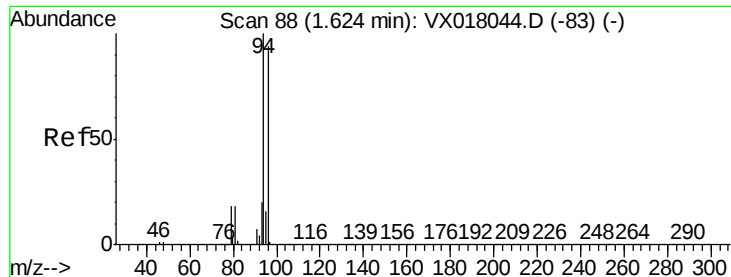
Tgt Ion: 62 Resp: 370572

Ion Ratio Lower Upper

62 100

64 32.9 25.1 37.7





#5

Bromomethane

Concen: 52.072 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX018047.D

Acq: 20 Aug 2020 21:39

Instrument :

MSVOA_X

ClientSampleId :

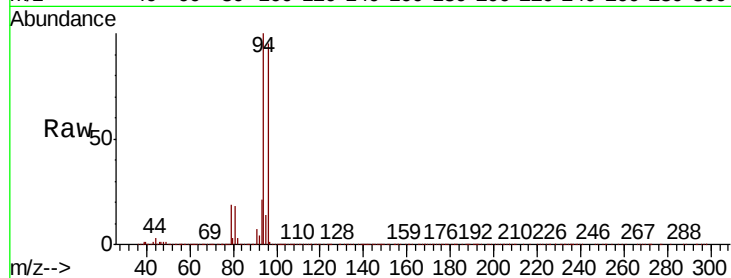
ICVVX082120

Tot Ion: 94 Resp: 211161

Ion Ratio Lower Upper

94 100

96 94.5 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

200000

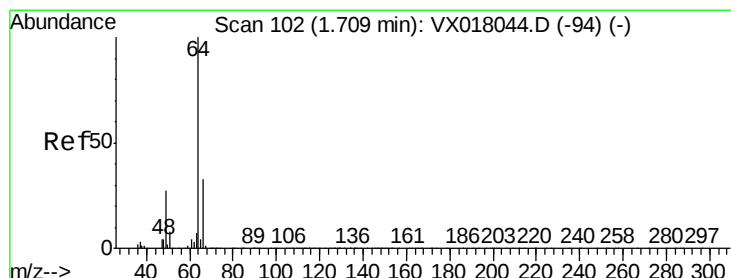
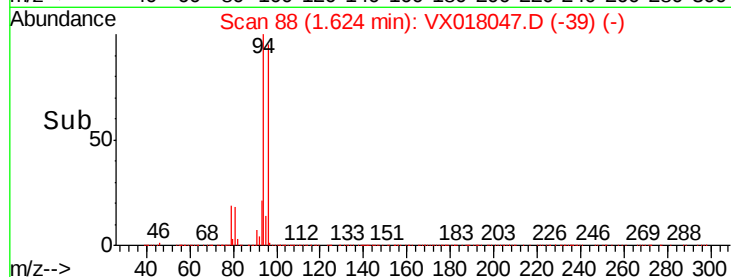
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 47.755 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX018047.D

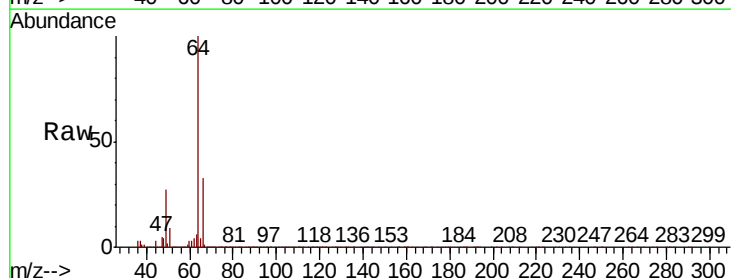
Acq: 20 Aug 2020 21:39

Tgt Ion: 64 Resp: 215642

Ion Ratio Lower Upper

64 100

66 33.4 26.6 39.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

200000

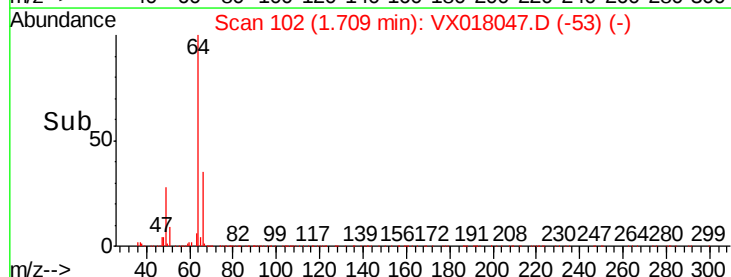
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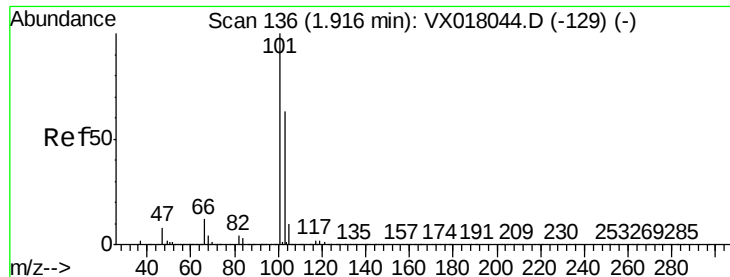
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Time-->



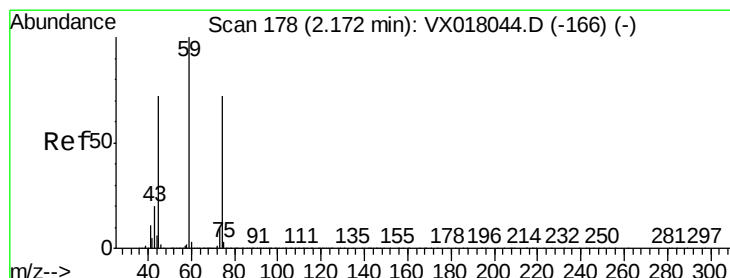
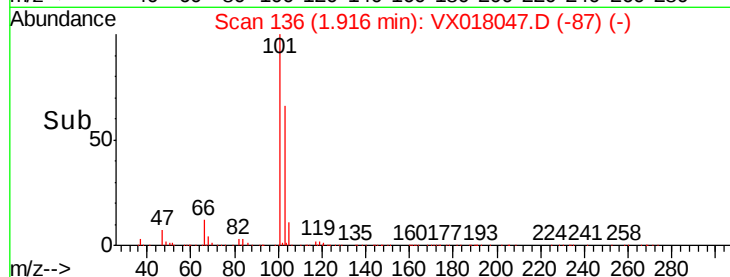
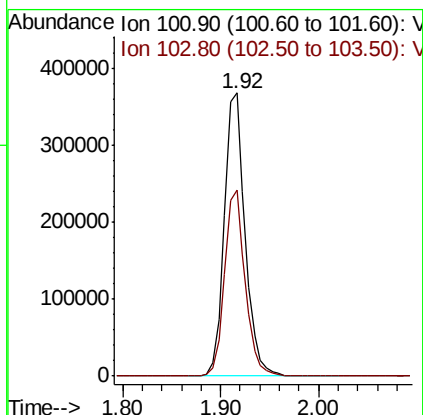
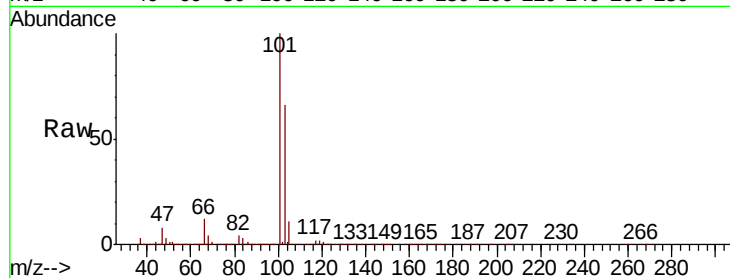


#7

Trichlorofluoromethane
Concen: 47.326 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX018047.D
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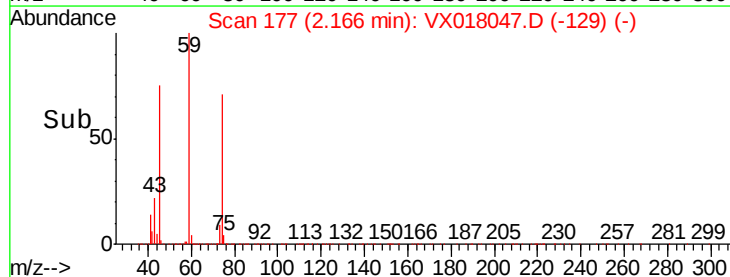
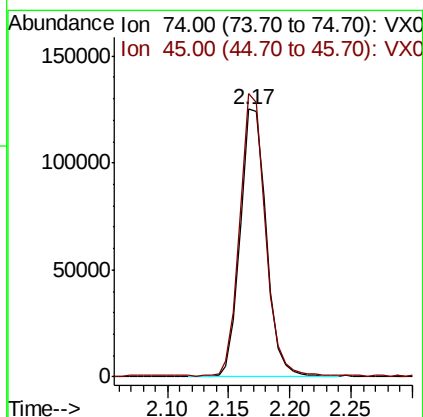
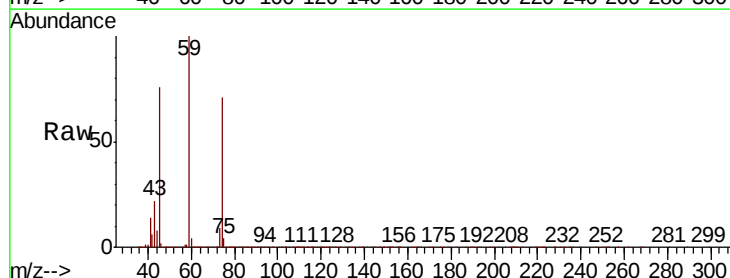
Tot Ion:101 Resp: 542552
Ion Ratio Lower Upper
101 100
103 65.6 50.7 76.1

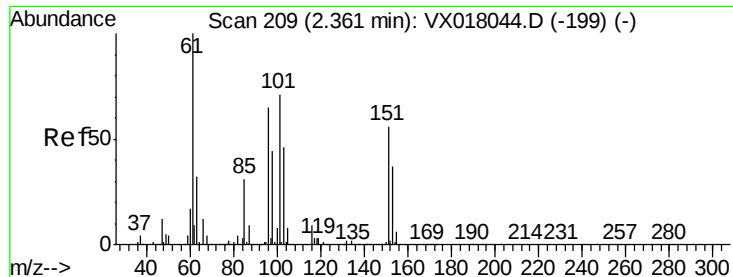


#8

Diethyl Ether
Concen: 47.547 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018047.D
Acq: 20 Aug 2020 21:39

Tgt Ion: 74 Resp: 184856
Ion Ratio Lower Upper
74 100
45 103.5 50.7 152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.044 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX018047.D

Acq: 20 Aug 2020 21:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX082120

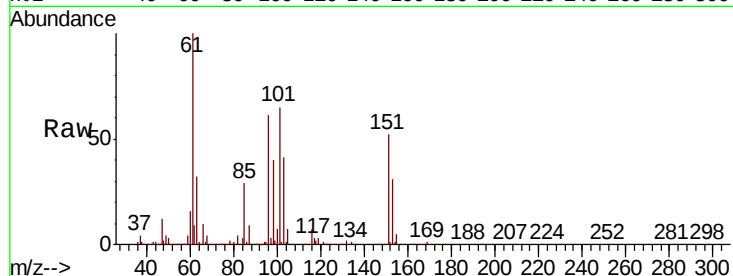
Tot Ion:101 Resp: 285372

Ion Ratio Lower Upper

101 100

85 43.1 34.0 51.0

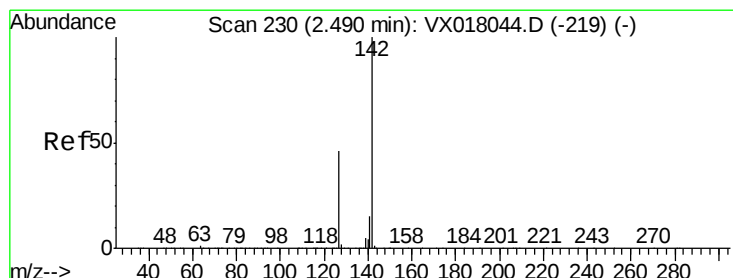
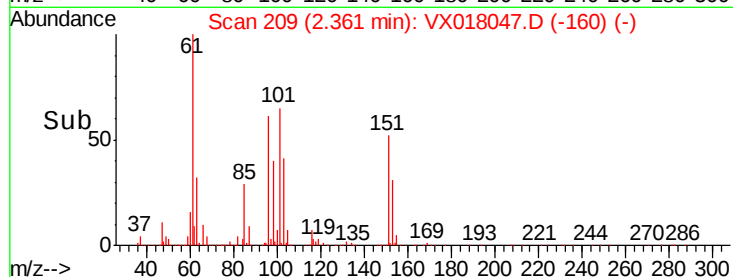
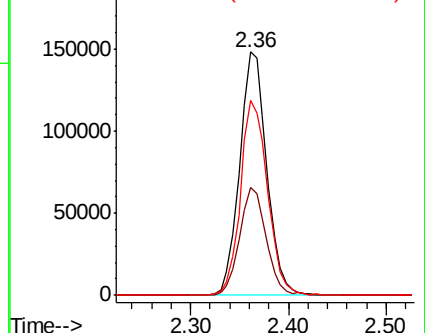
151 79.6 65.2 97.8



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: 39.833 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX018047.D

Acq: 20 Aug 2020 21:39

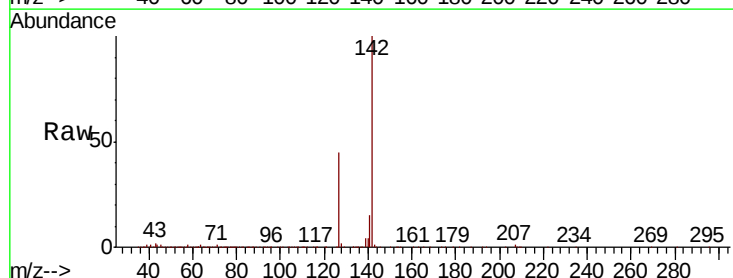
Tgt Ion:142 Resp: 256164

Ion Ratio Lower Upper

142 100

127 46.7 37.0 55.6

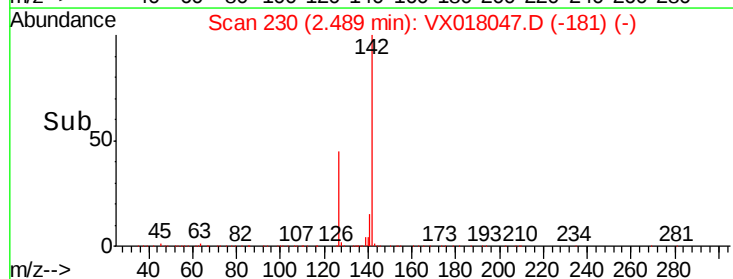
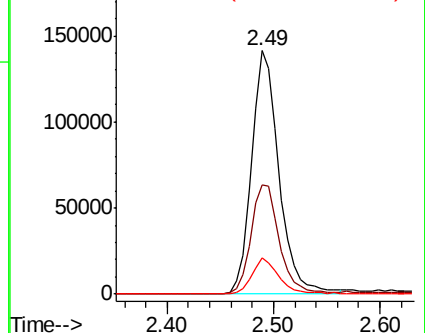
141 14.5 11.5 17.3

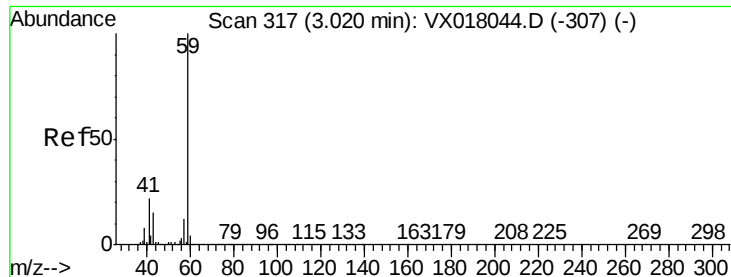


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



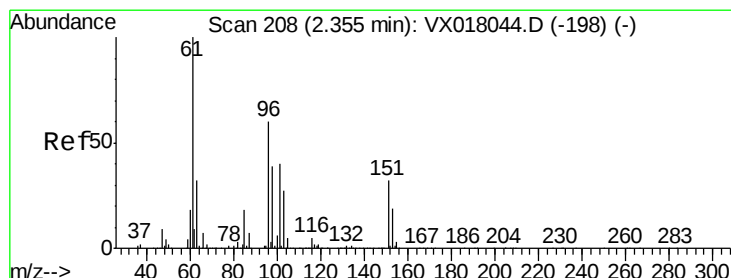
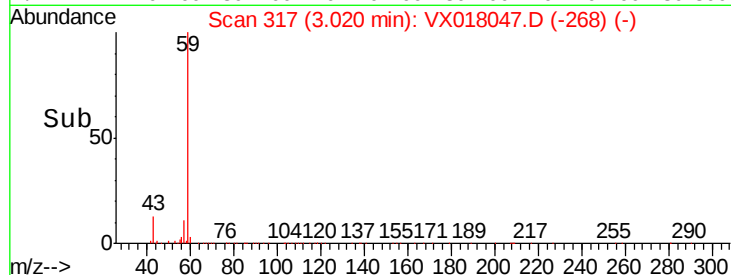
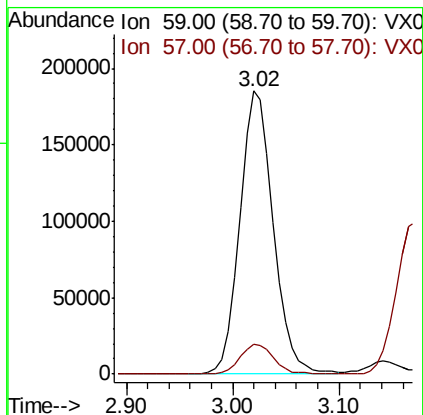
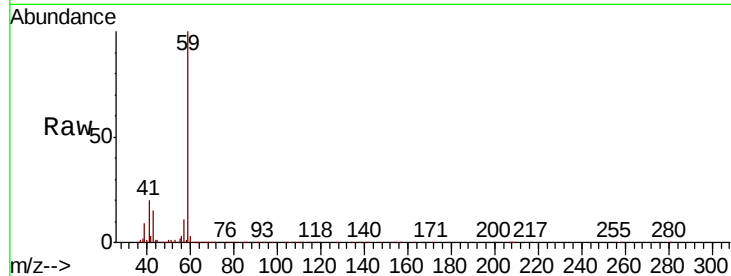


#11

Tert butyl alcohol
Concen: 229.186 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.00 min
Lab File: VX018047.D
Acq: 20 Aug 2020 21:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX082120

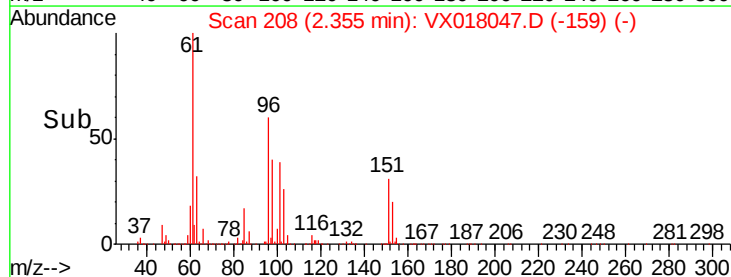
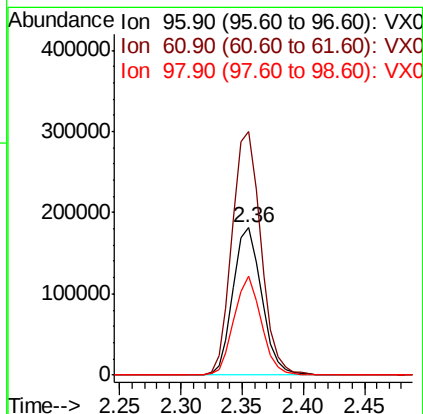
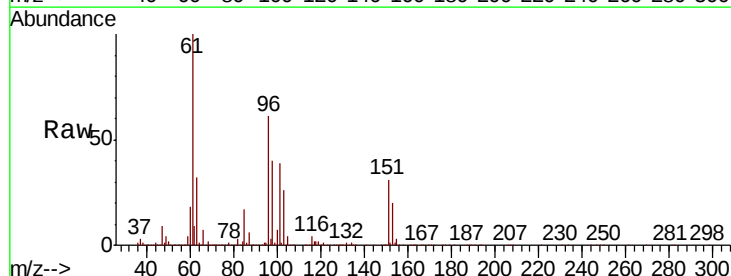
Tot Ion: 59 Resp: 407044
Ion Ratio Lower Upper
59 100
57 10.6 8.9 13.3

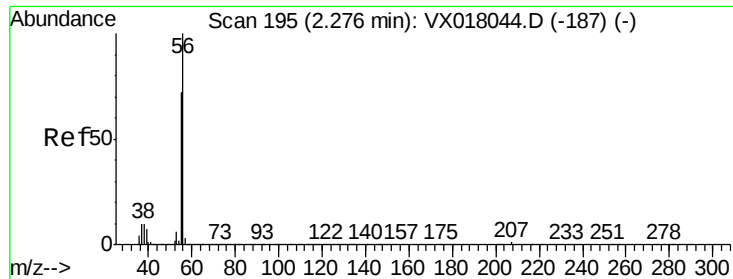


#12

1,1-Dichloroethene
Concen: 45.896 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018047.D
Acq: 20 Aug 2020 21:39

Tgt Ion: 96 Resp: 295114
Ion Ratio Lower Upper
96 100
61 165.2 133.0 199.4
98 66.8 51.6 77.4

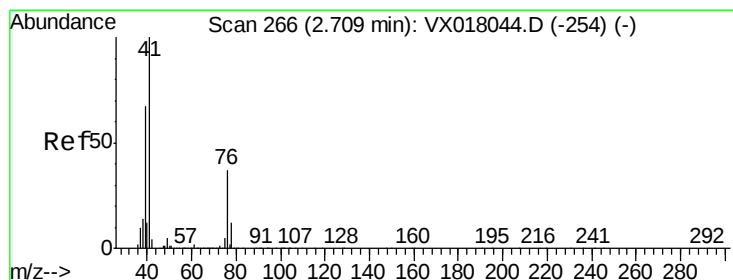
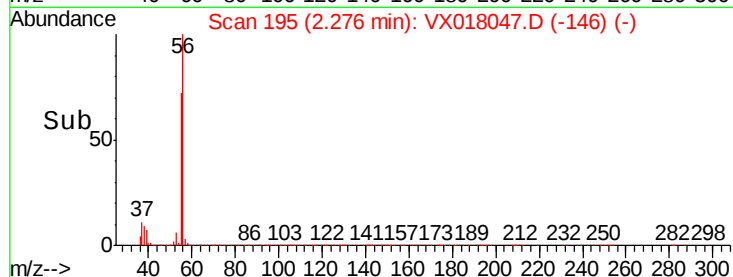
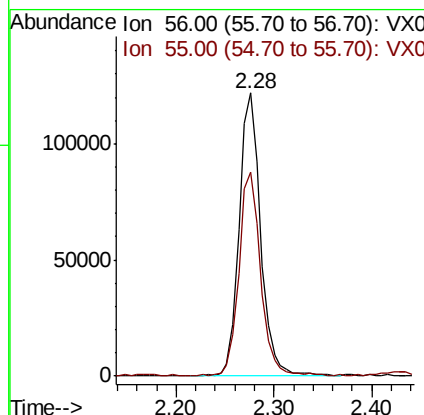
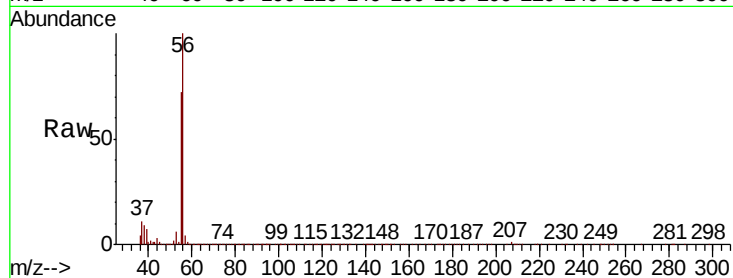




#13
Acrolein
Concen: 250.110 ug/l
RT: 2.28 min Scan# 195
Delta R.T. -0.00 min
Lab File: VX018047.D
Acq: 20 Aug 2020 21:39

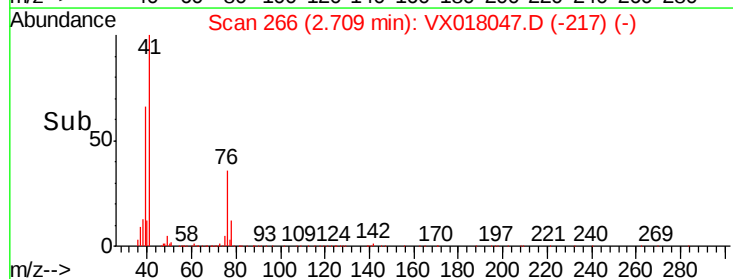
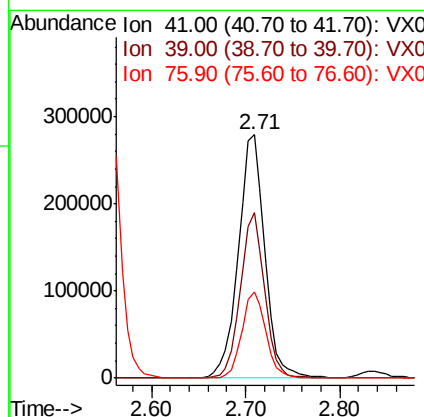
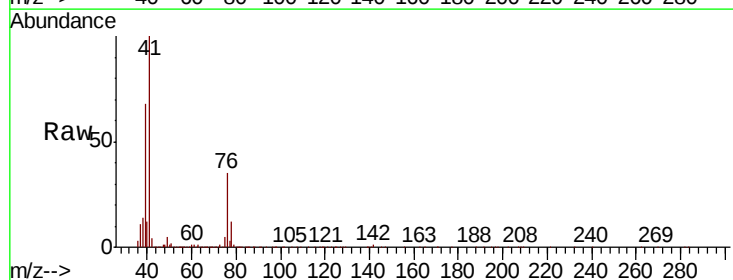
Instrument :
MSVOA_X
ClientSampleId :
ICVVX082120

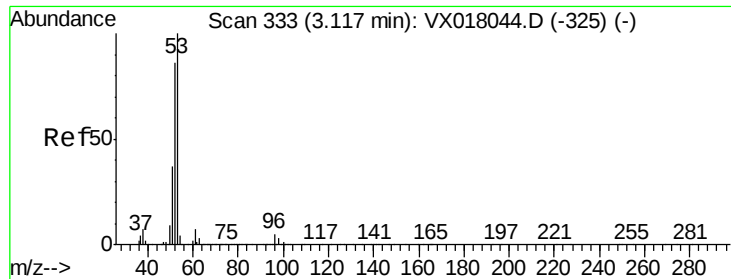
Tot Ion: 56 Resp: 184187
Ion Ratio Lower Upper
56 100
55 72.9 57.0 85.6



#14
Allyl chloride
Concen: 47.171 ug/l
RT: 2.71 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX018047.D
Acq: 20 Aug 2020 21:39

Tgt Ion: 41 Resp: 544934
Ion Ratio Lower Upper
41 100
39 62.3 50.6 76.0
76 32.0 26.2 39.2





#15

Acrylonitrile

Concen: 235.838 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX018047.D

Acq: 20 Aug 2020 21:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX082120

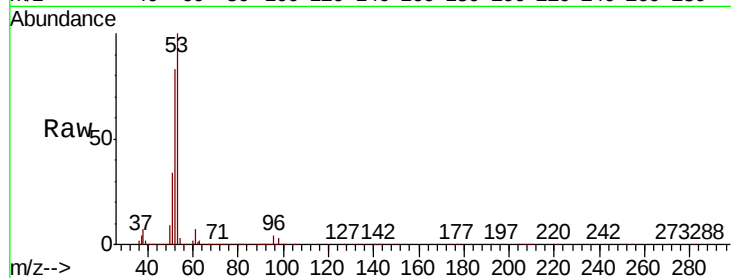
Tot Ion: 53 Resp: 950133

Ion Ratio Lower Upper

53 100

52 83.6 66.9 100.3

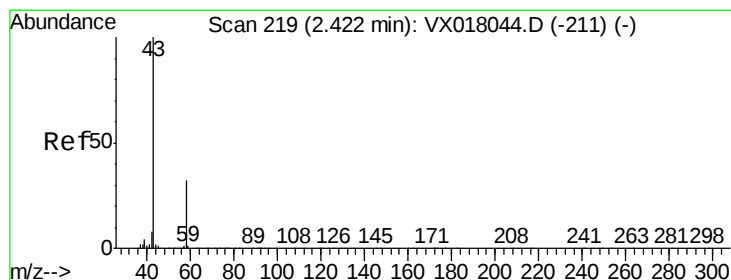
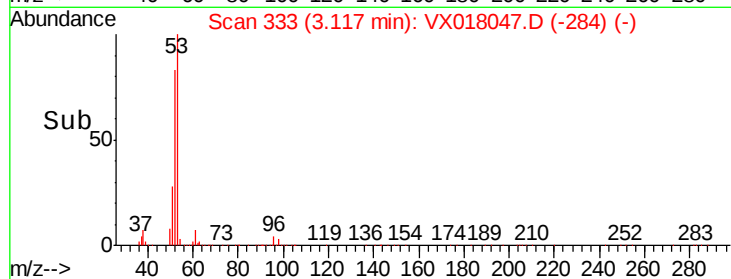
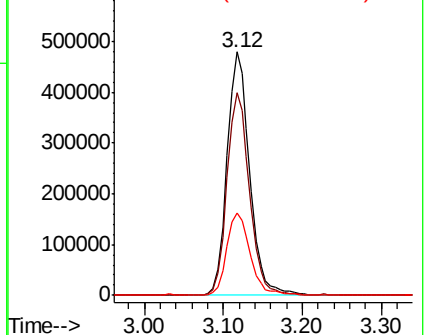
51 35.5 28.7 43.1



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: 223.870 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX018047.D

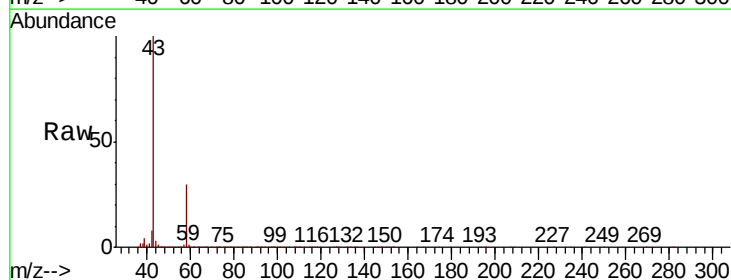
Acq: 20 Aug 2020 21:39

Tgt Ion: 43 Resp: 796818

Ion Ratio Lower Upper

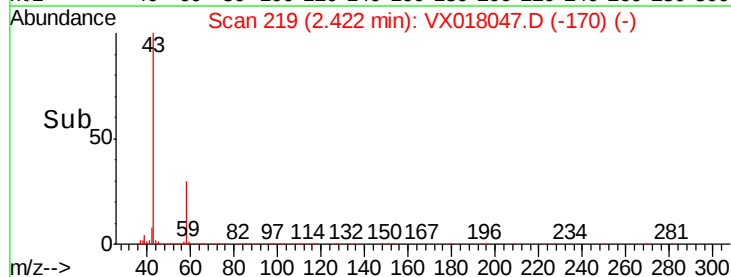
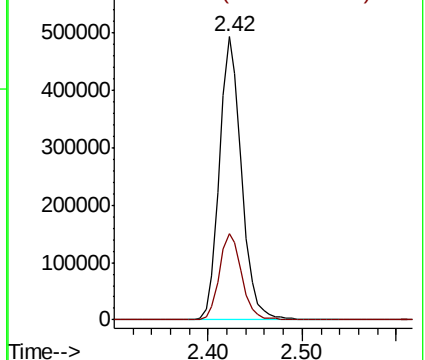
43 100

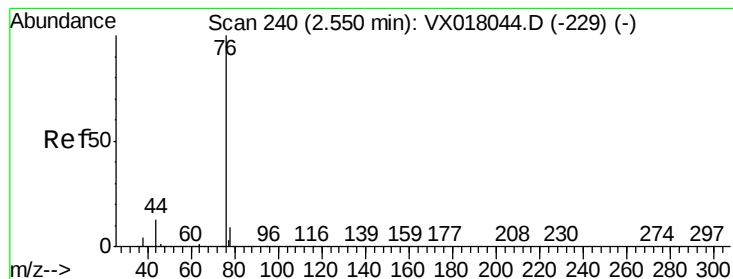
58 30.3 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 44.520 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX018047.D

Acq: 20 Aug 2020 21:39

Instrument :

MSVOA_X

ClientSampleId :

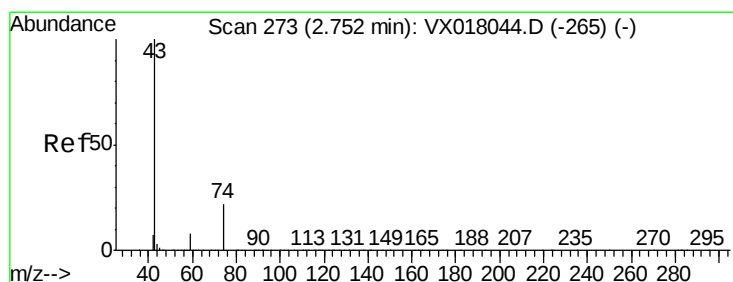
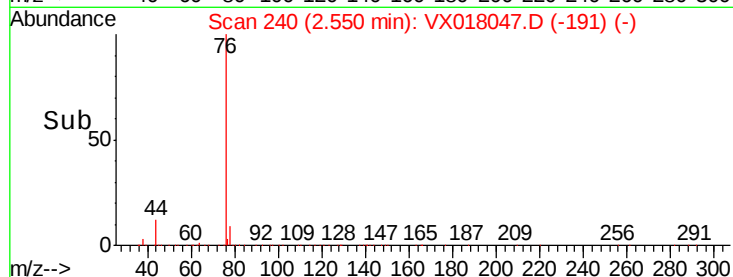
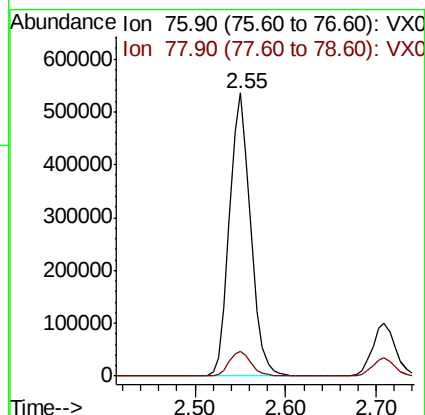
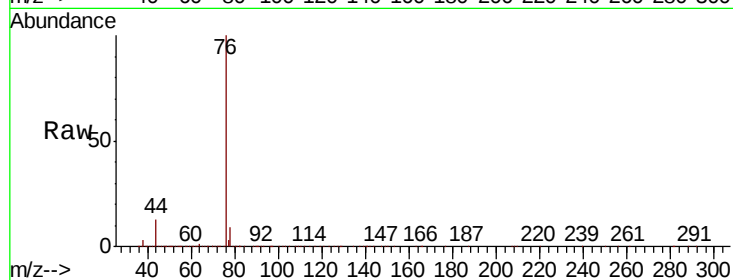
ICVVX082120

Tot Ion: 76 Resp: 865380

Ion Ratio Lower Upper

76 100

78 8.6 7.4 11.0



#18

Methyl Acetate

Concen: 47.254 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX018047.D

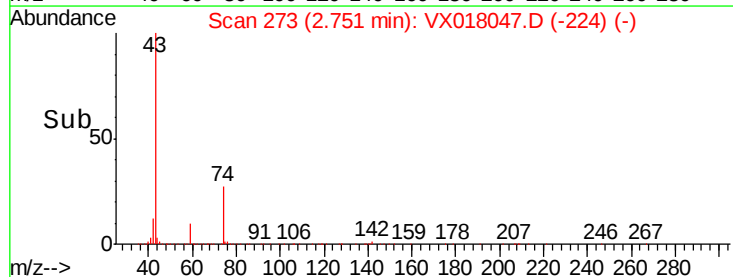
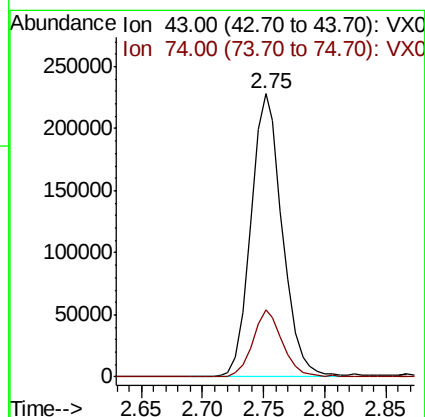
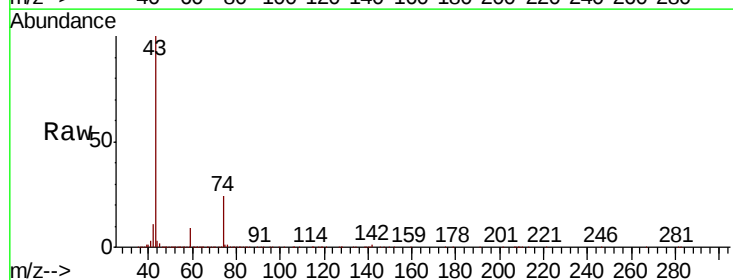
Acq: 20 Aug 2020 21:39

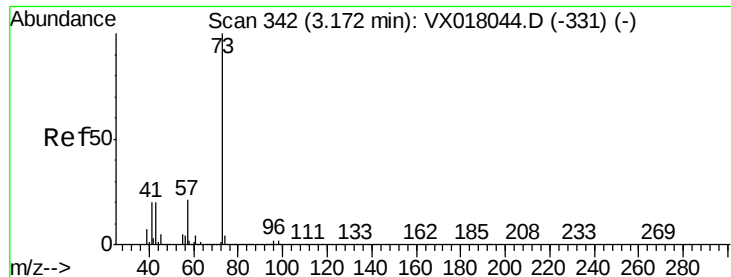
Tgt Ion: 43 Resp: 405865

Ion Ratio Lower Upper

43 100

74 22.8 18.2 27.4

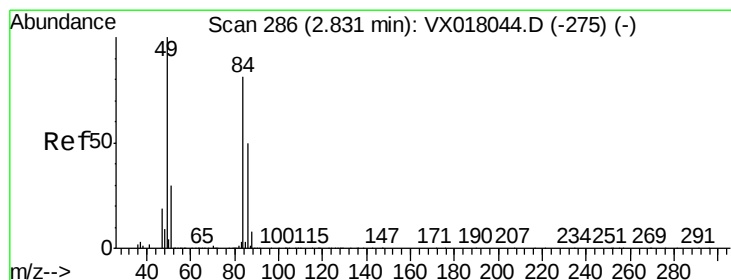
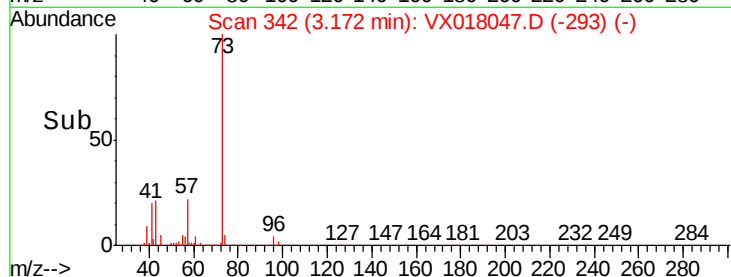
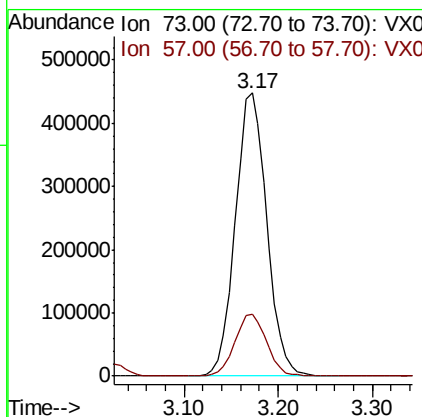
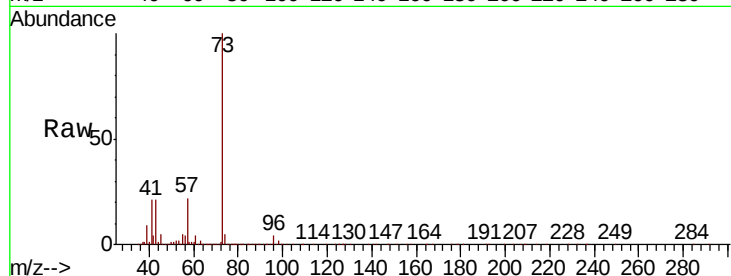




#19
Methvl tert-butvl Ether
Concen: 47.211 ug/l
RT: 3.17 min Scan# 342
Delta R.T. -0.00 min
Lab File: VX018047.D
Acq: 20 Aug 2020 21:39

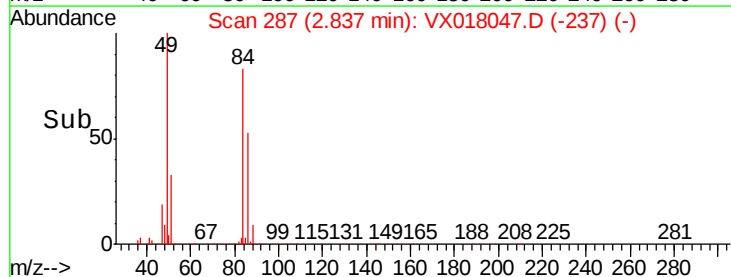
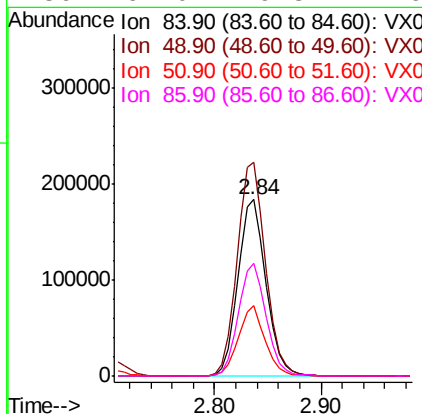
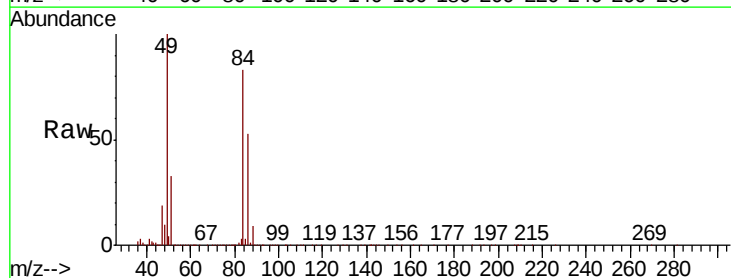
Instrument :
MSVOA_X
ClientSampleId :
ICVVX082120

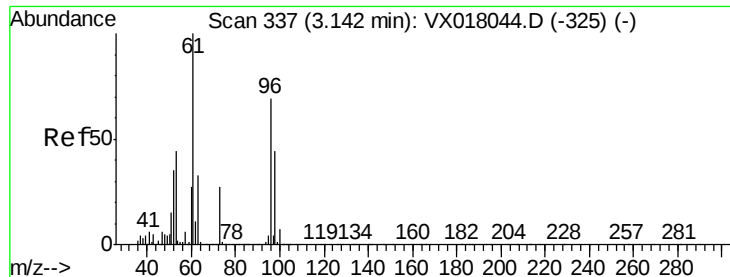
Tot Ion: 73 Resp: 1041086
Ion Ratio Lower Upper
73 100
57 22.0 16.8 25.2



#20
Methylene Chloride
Concen: 46.702 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX018047.D
Acq: 20 Aug 2020 21:39

Tgt Ion: 84 Resp: 340442
Ion Ratio Lower Upper
84 100
49 121.1 98.6 148.0
51 39.5 29.6 44.4
86 64.0 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 45.725 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018047.D

Acq: 20 Aug 2020 21:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX082120

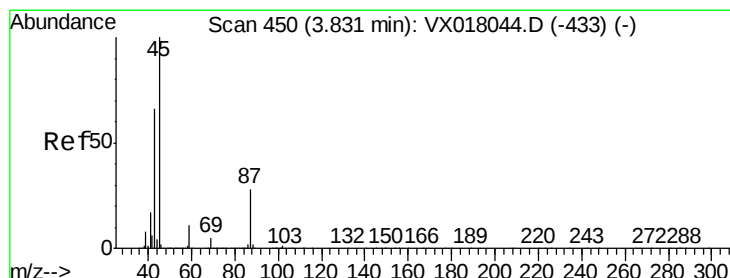
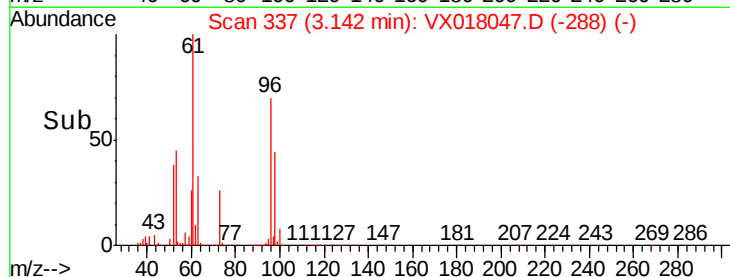
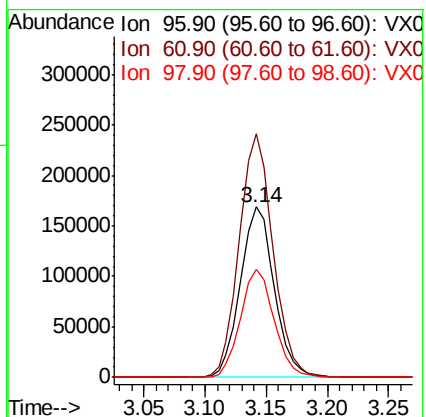
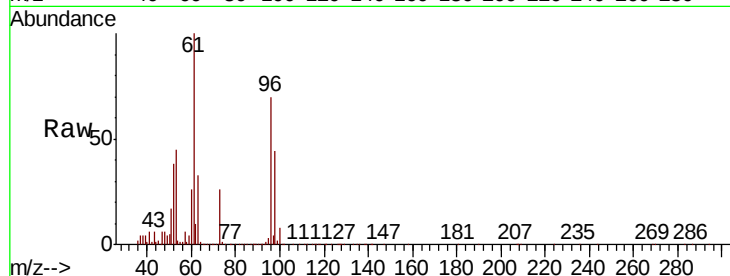
Tot Ion: 96 Resp: 325744

Ion Ratio Lower Upper

96 100

61 142.5 115.4 173.0

98 63.2 51.1 76.7



#22

Diisopropyl ether

Concen: 49.381 ug/l

RT: 3.83 min Scan# 450

Delta R.T. -0.00 min

Lab File: VX018047.D

Acq: 20 Aug 2020 21:39

Tgt Ion: 45 Resp: 1125934

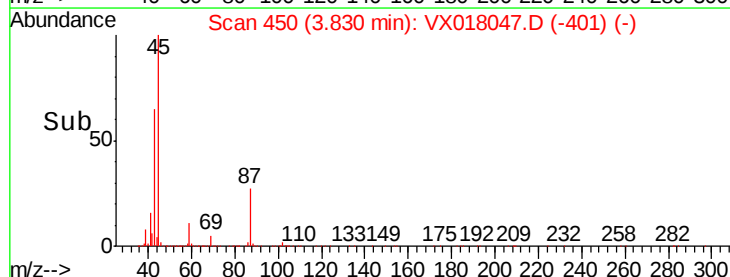
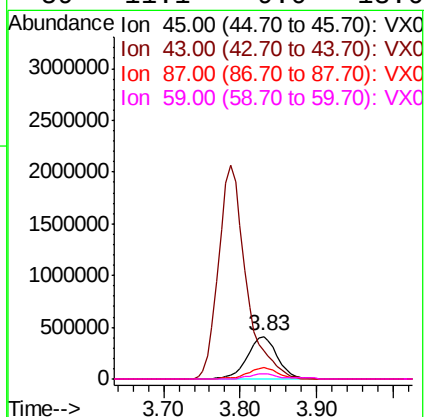
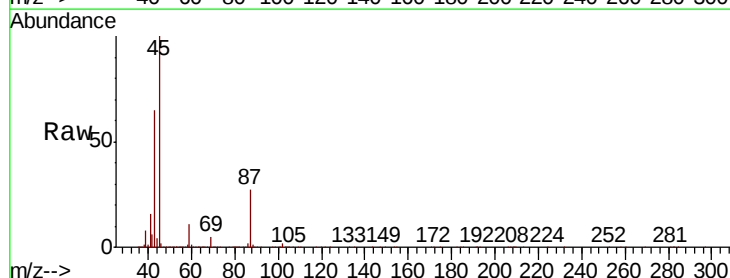
Ion Ratio Lower Upper

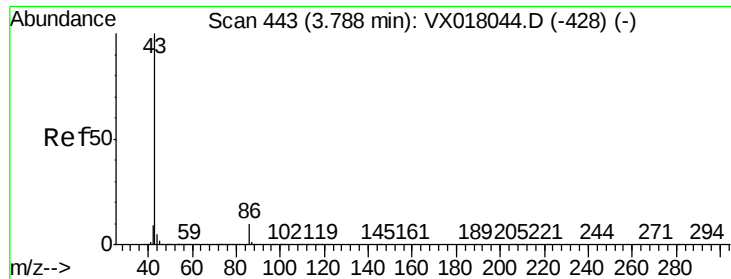
45 100

43 65.1 52.8 79.2

87 27.3 22.5 33.7

59 11.1 9.0 13.6





#23

Vinyl Acetate

Concen: 254.677 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX018047.D

Acq: 20 Aug 2020 21:39

Instrument :

MSVOA_X

ClientSampleId :

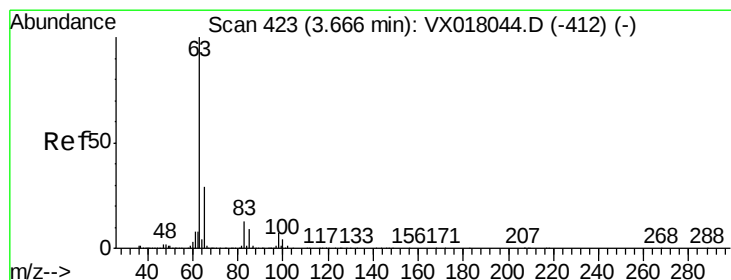
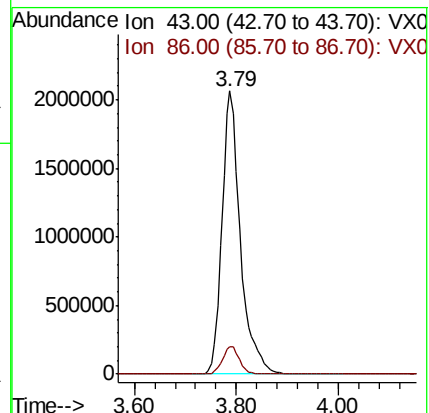
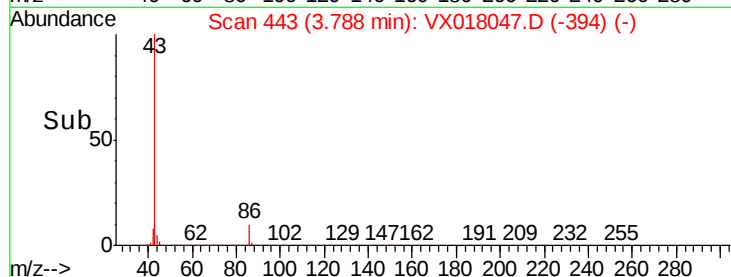
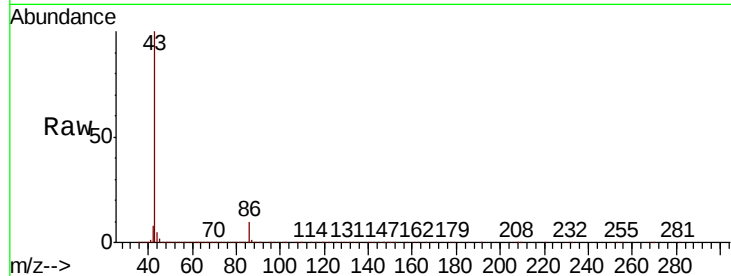
ICVVX082120

Tot Ion: 43 Resp: 5166970

Ion Ratio Lower Upper

43 100

86 9.9 7.9 11.9



#24

1,1-Dichloroethane

Concen: 46.491 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX018047.D

Acq: 20 Aug 2020 21:39

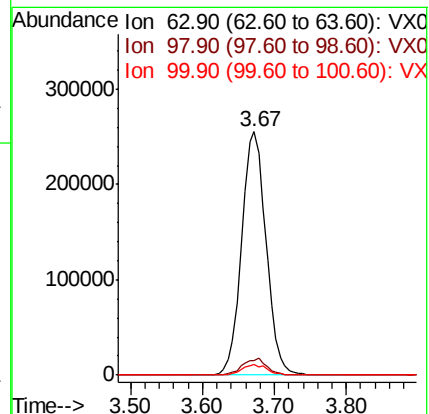
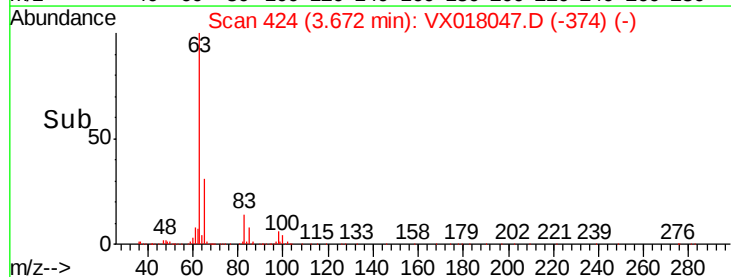
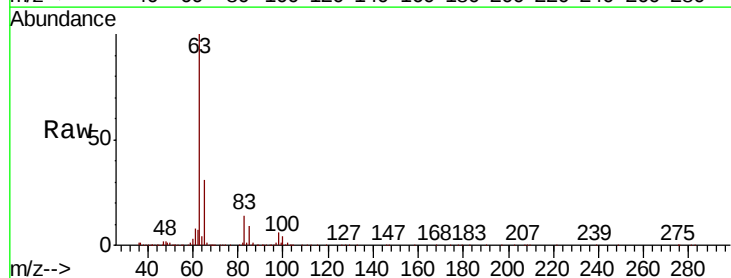
Tgt Ion: 63 Resp: 603412

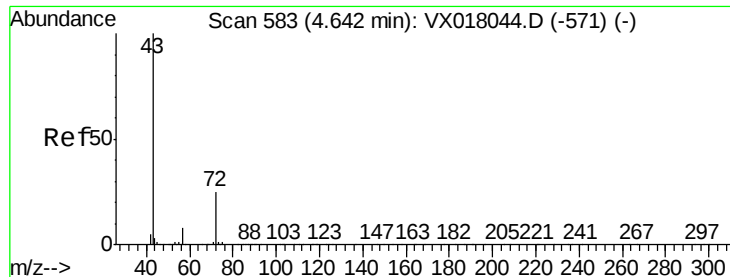
Ion Ratio Lower Upper

63 100

98 6.1 3.6 10.8

100 4.2 2.0 6.0

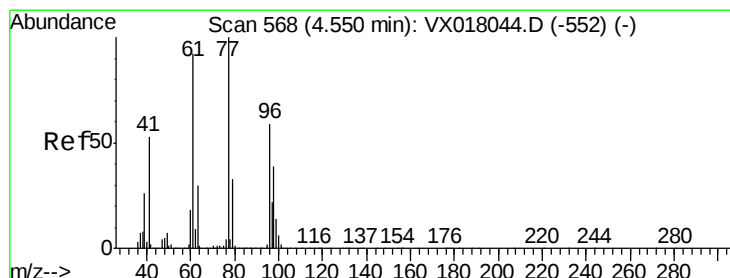
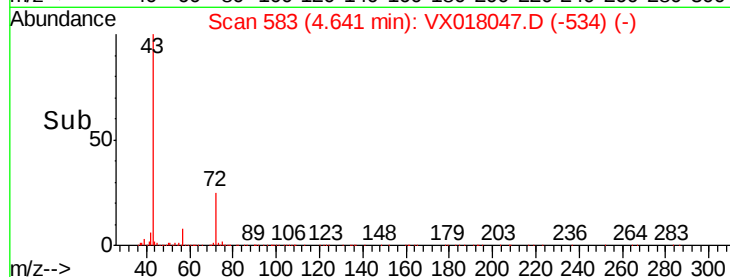
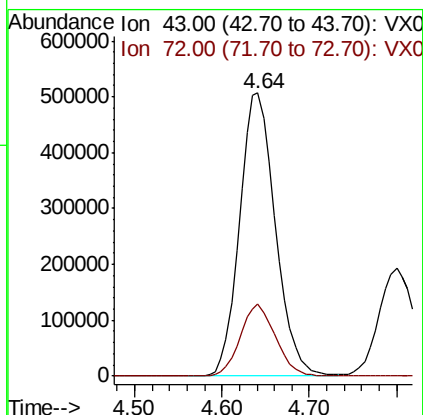
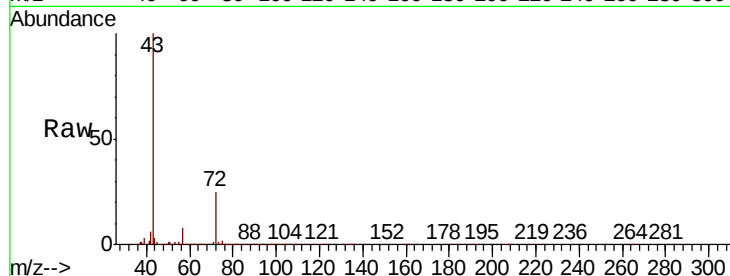




#25
2-Butanone
Concen: 245.147 ug/l
RT: 4.64 min Scan# 583
Delta R.T. -0.00 min
Lab File: VX018047.D
Acq: 20 Aug 2020 21:39

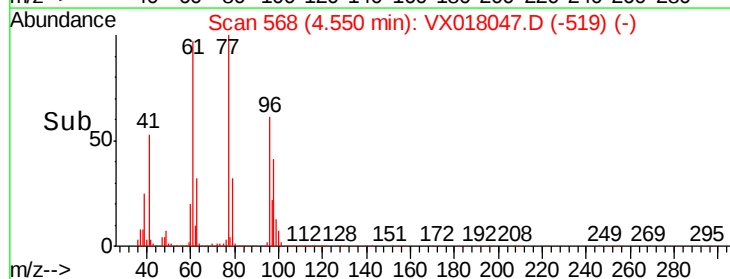
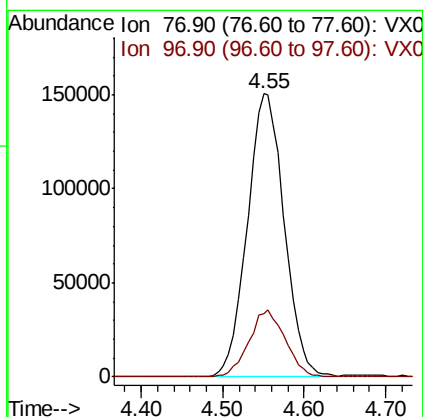
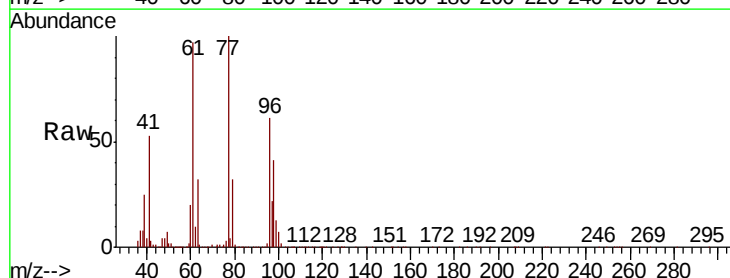
Instrument :
MSVOA_X
ClientSampleId :
ICVVX082120

Tot Ion: 43 Resp: 1433999
Ion Ratio Lower Upper
43 100
72 25.3 19.8 29.6



#26
2,2-Dichloropropane
Concen: 44.839 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.00 min
Lab File: VX018047.D
Acq: 20 Aug 2020 21:39

Tgt Ion: 77 Resp: 473523
Ion Ratio Lower Upper
77 100
97 23.3 11.5 34.5



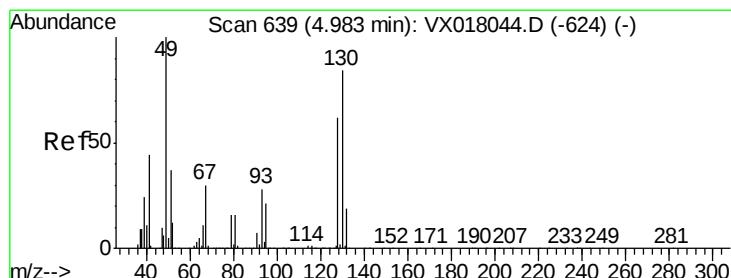
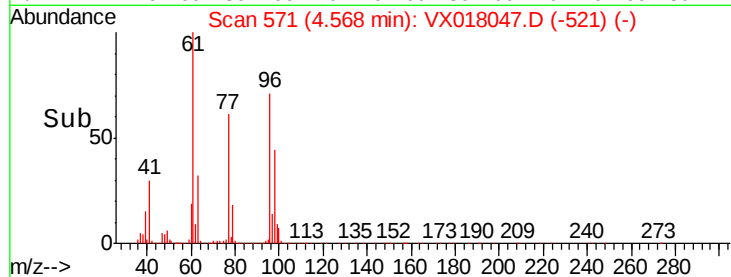
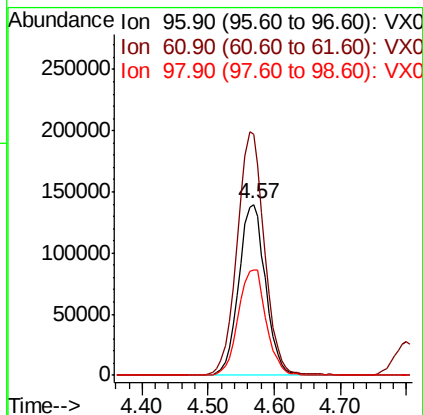
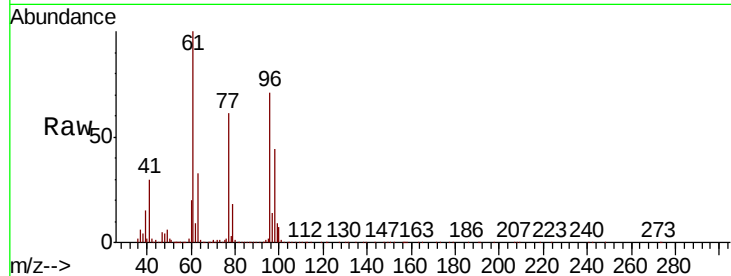


#27

cis-1,2-Dichloroethene
Concen: 47.811 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX018047.D
Acq: 20 Aug 2020 21:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX082120

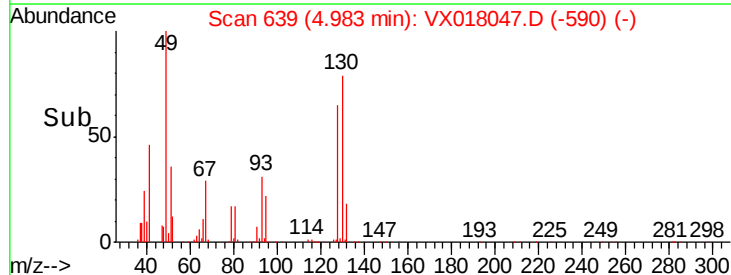
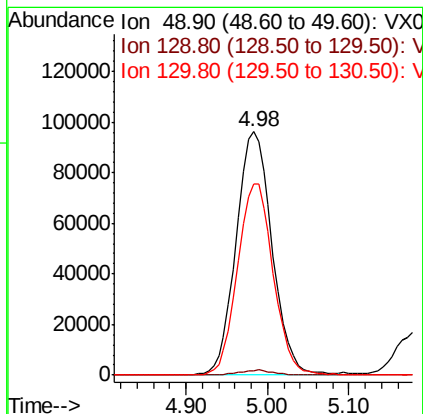
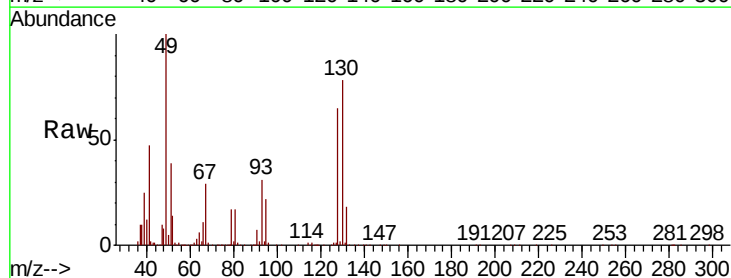
Tot Ion	Ratio	Lower	Upper
96	100		
61	144.2	0.0	296.6
98	64.1	0.0	130.2



#28

Bromochloromethane
Concen: 47.000 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX018047.D
Acq: 20 Aug 2020 21:39

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.6
130	77.8	64.6	96.8

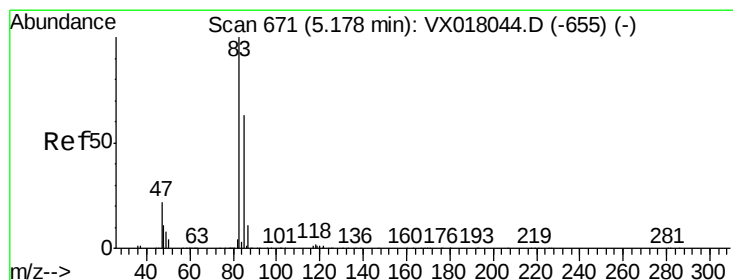
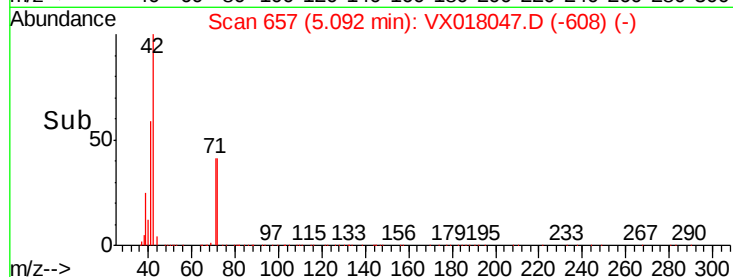
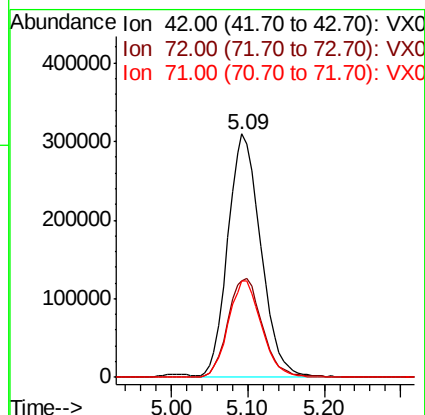
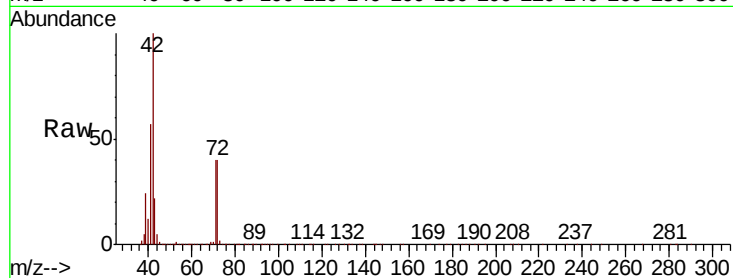




#29
Tetrahydrofuran
Concen: 248.108 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX018047.D
Acq: 20 Aug 2020 21:39

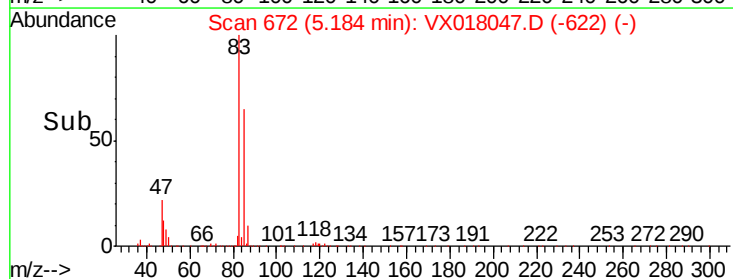
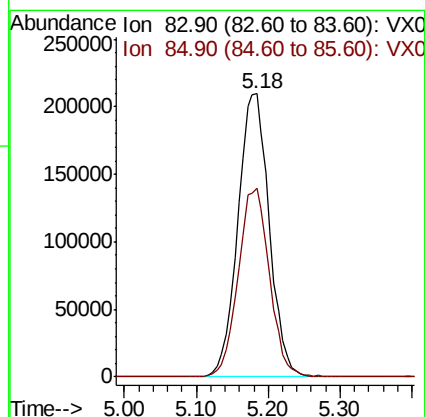
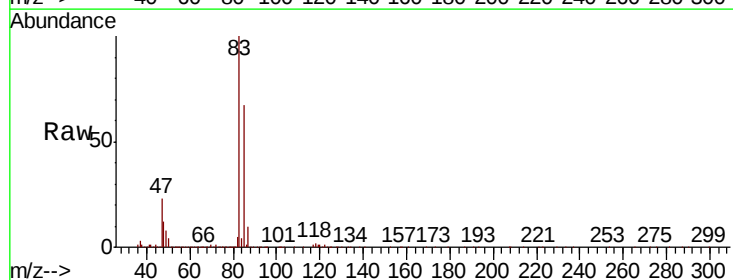
Instrument :
MSVOA_X
ClientSampleId :
ICVVX082120

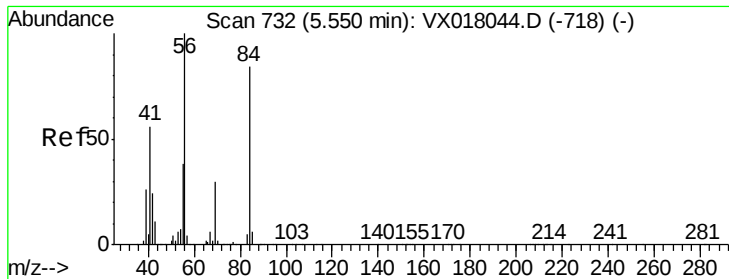
Tot Ion: 42 Resp: 923884
Ion Ratio Lower Upper
42 100
72 42.5 34.2 51.4
71 40.1 32.1 48.1



#30
Chloroform
Concen: 47.169 ug/l
RT: 5.18 min Scan# 672
Delta R.T. 0.01 min
Lab File: VX018047.D
Acq: 20 Aug 2020 21:39

Tgt Ion: 83 Resp: 633916
Ion Ratio Lower Upper
83 100
85 66.6 50.7 76.1

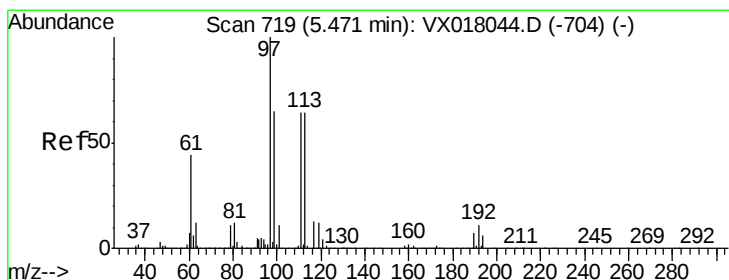
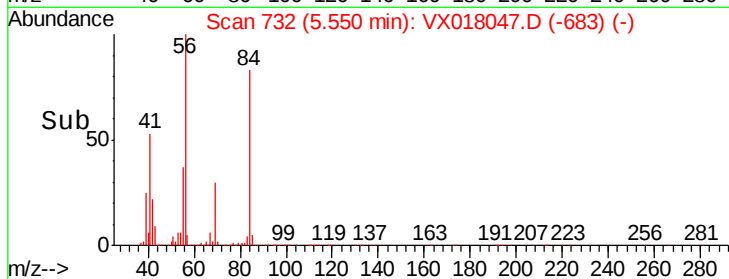
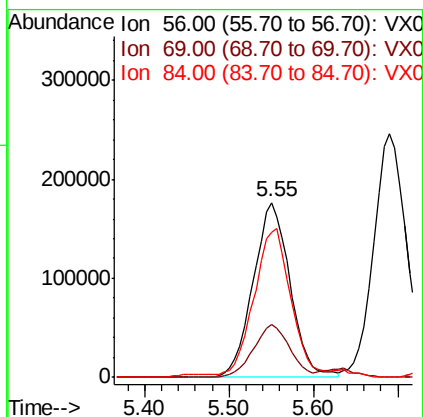
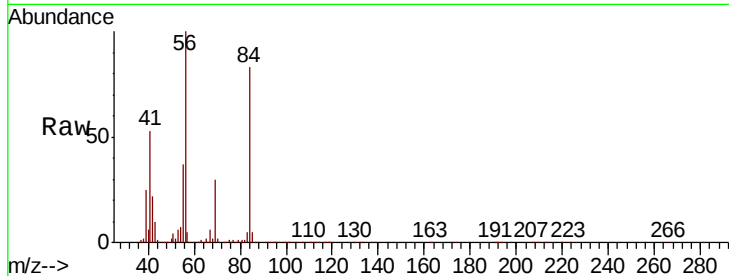




#31
Cyclohexane
Concen: 48.357 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX018047.D
Acq: 20 Aug 2020 21:39

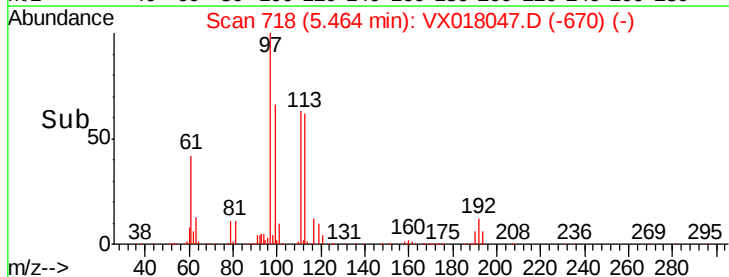
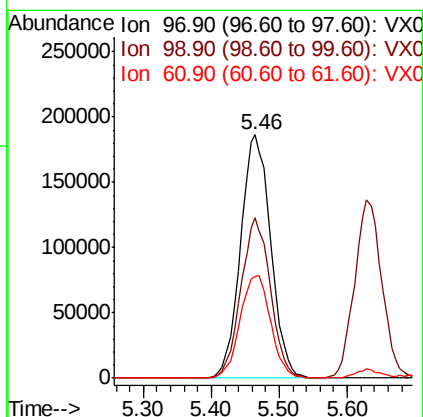
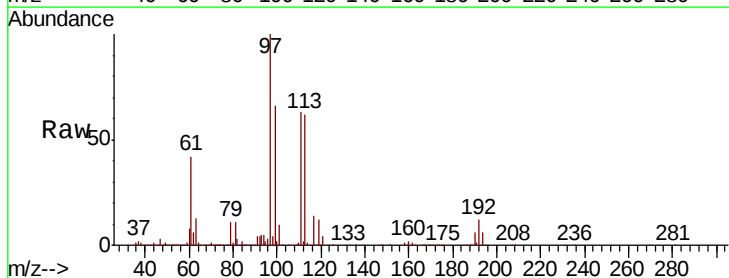
Instrument :
MSVOA_X
ClientSampleId :
ICVVX082120

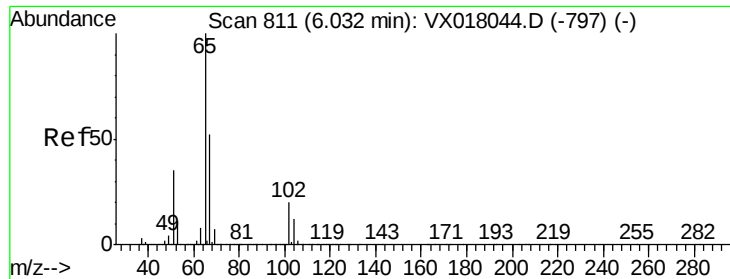
Tot Ion	Ratio	Lower	Upper
56	100		
69	30.0	23.9	35.9
84	81.9	67.0	100.4



#32
1,1,1-Trichloroethane
Concen: 46.550 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX018047.D
Acq: 20 Aug 2020 21:39

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.4	77.0
61	42.8	34.2	51.4

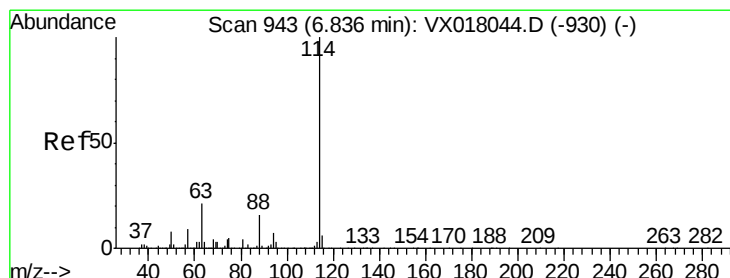
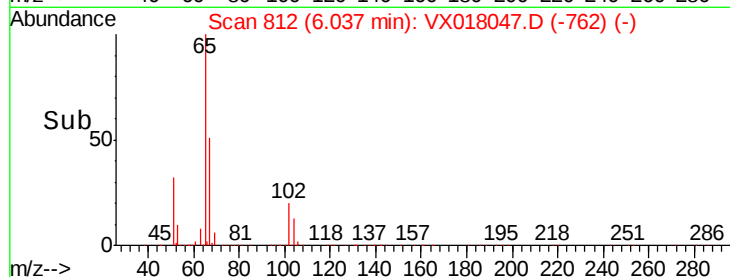
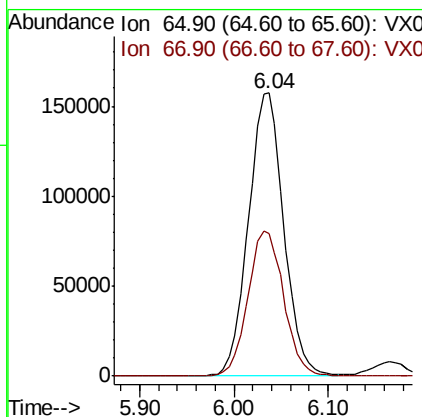
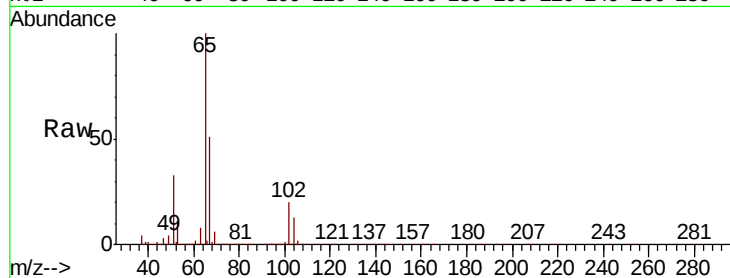




#33
 1,2-Dichloroethane-d4
 Concen: 45.324 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: VX018047.D
 Acq: 20 Aug 2020 21:39

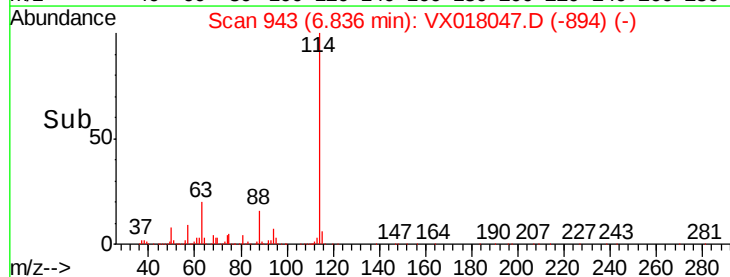
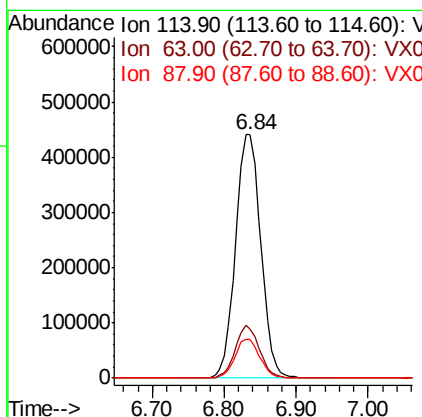
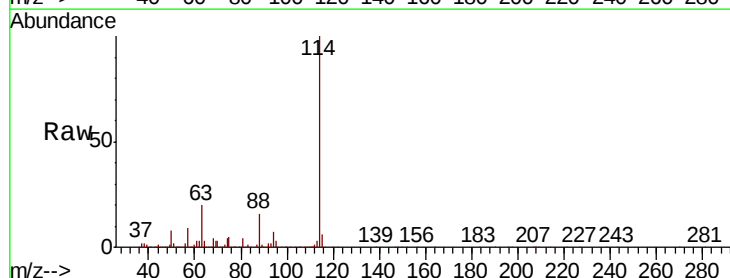
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX082120

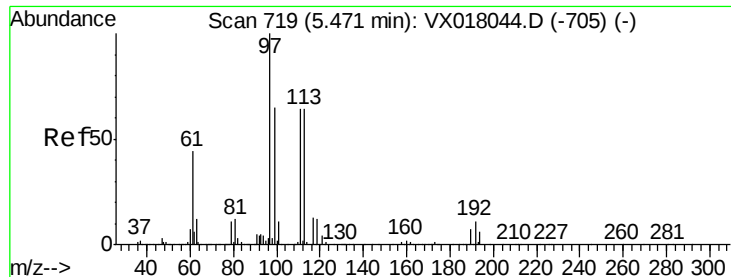
Tot Ion: 65 Resp: 414000
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. -0.00 min
 Lab File: VX018047.D
 Acq: 20 Aug 2020 21:39

Tgt Ion: 114 Resp: 1075563
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 42.6
 88 16.0 0.0 31.8





#35

Dibromofluoromethane

Concen: 45.236 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX018047.D

Acq: 20 Aug 2020 21:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX082120

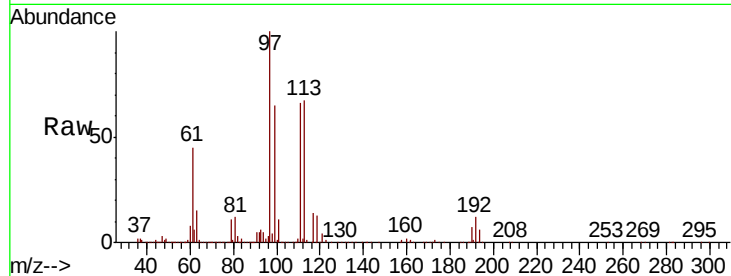
Tot Ion:113 Resp: 331356

Ion Ratio Lower Upper

113 100

111 102.2 81.6 122.4

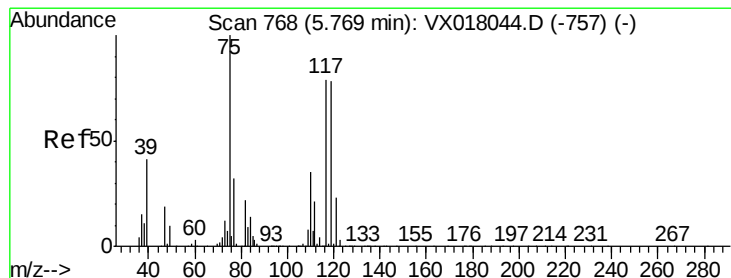
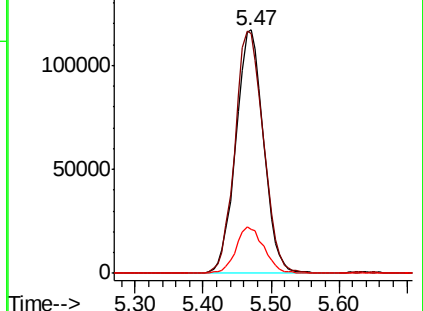
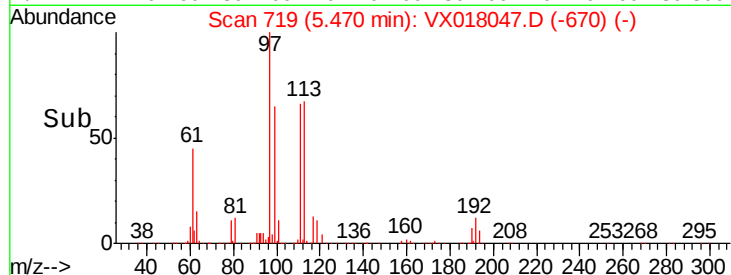
192 19.2 15.8 23.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 47.129 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX018047.D

Acq: 20 Aug 2020 21:39

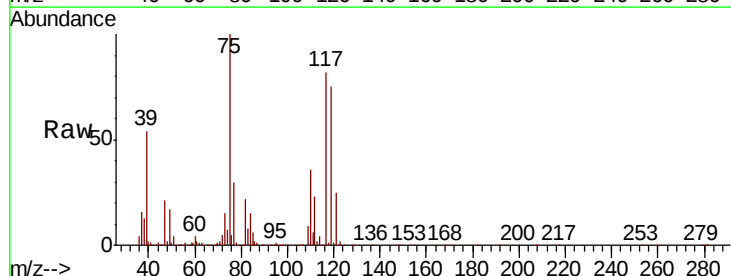
Tgt Ion: 75 Resp: 467543

Ion Ratio Lower Upper

75 100

110 35.5 18.0 54.0

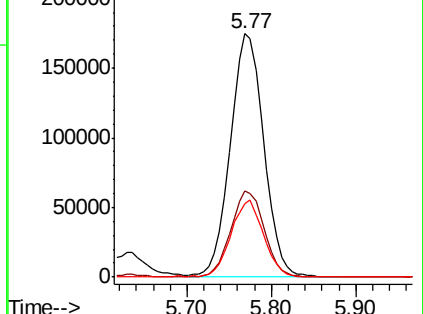
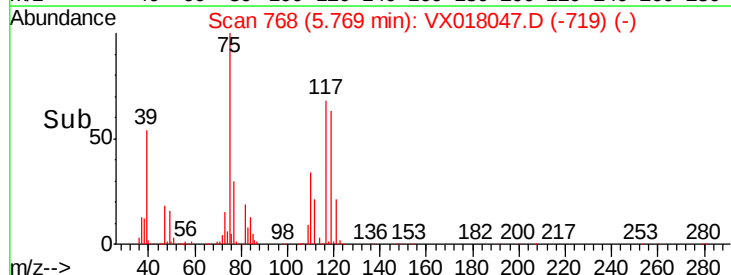
77 30.8 24.4 36.6

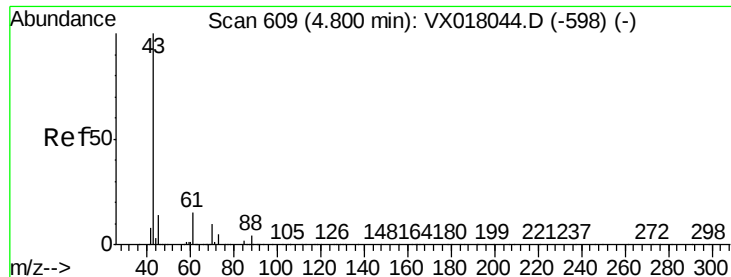


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

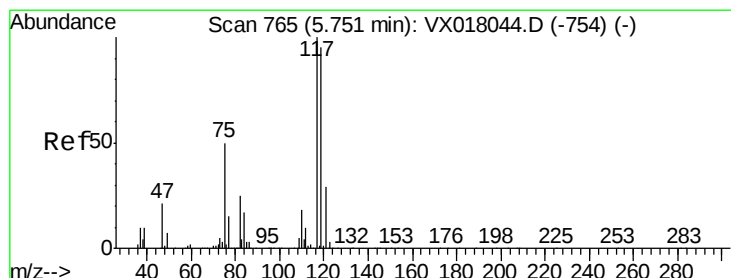
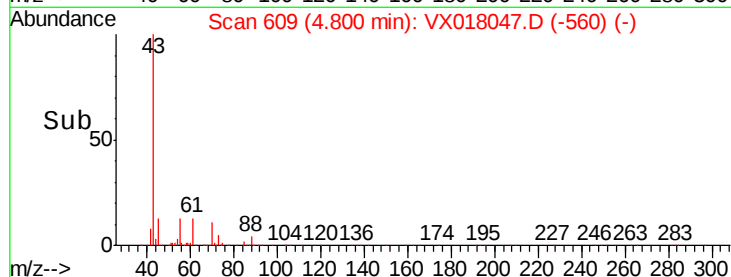
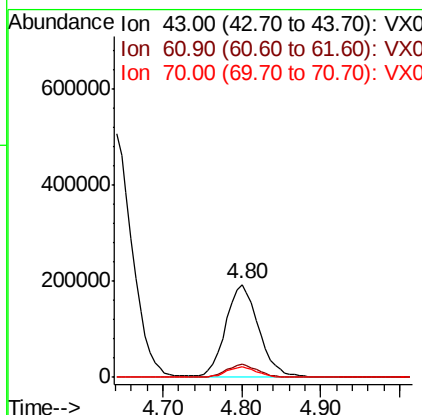
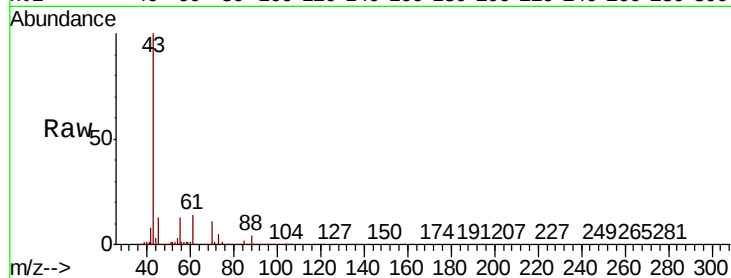




#37
Ethyl Acetate
Concen: 48.537 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX018047.D
Acq: 20 Aug 2020 21:39

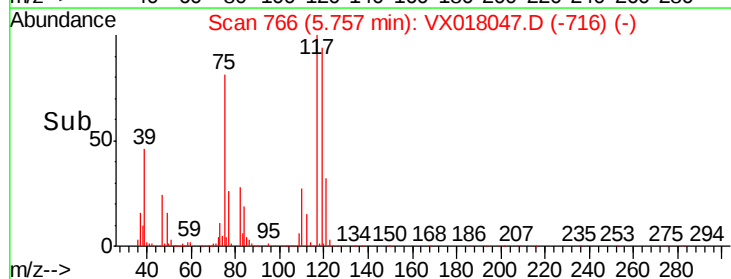
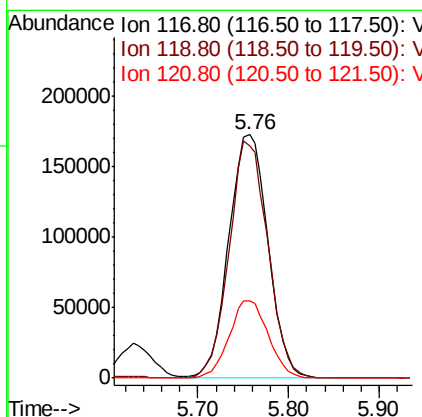
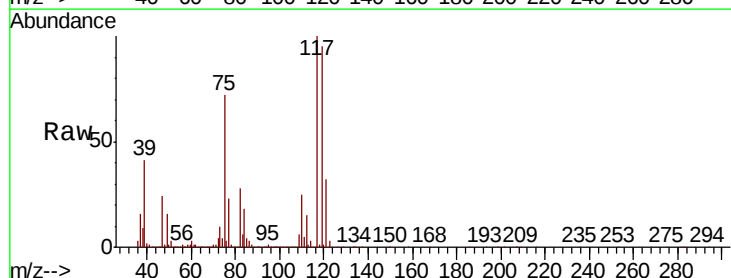
Instrument :
MSVOA_X
ClientSampleId :
ICVVX082120

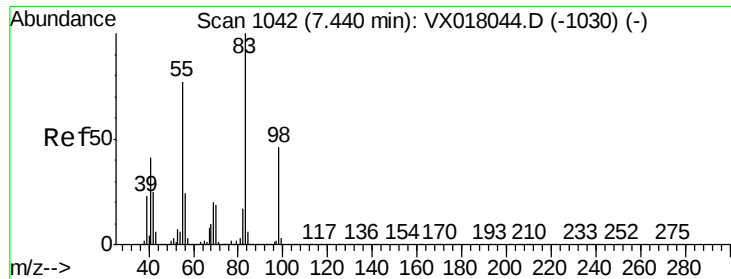
Tot Ion:	43	Resp:	559245
Ion	Ratio	Lower	Upper
43	100		
61	13.3	11.3	16.9
70	10.4	8.2	12.4



#38
Carbon Tetrachloride
Concen: 46.237 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX018047.D
Acq: 20 Aug 2020 21:39

Tgt Ion:	117	Resp:	516926
Ion	Ratio	Lower	Upper
117	100		
119	95.2	75.8	113.6
121	31.5	23.4	35.0

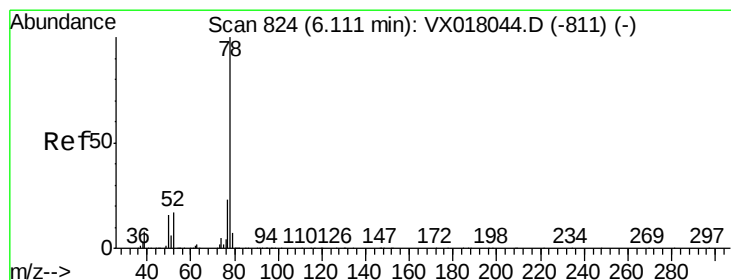
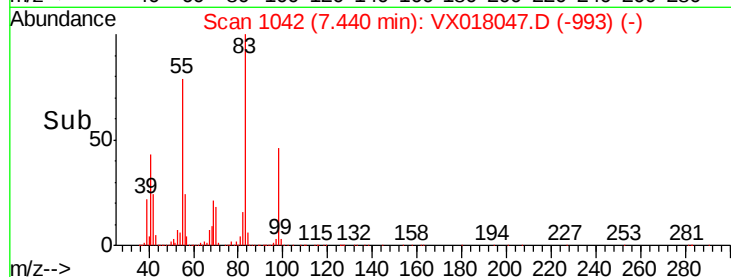
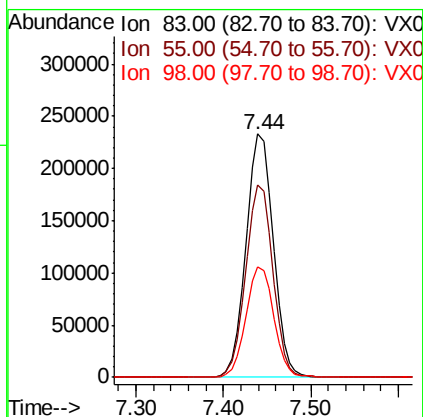
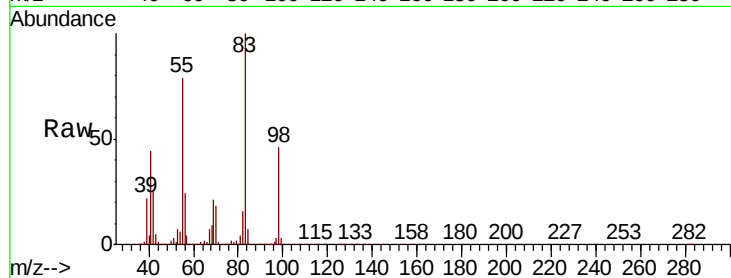




#39
Methylvlcvclohexane
Concen: 46.786 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018047.D
Acq: 20 Aug 2020 21:39

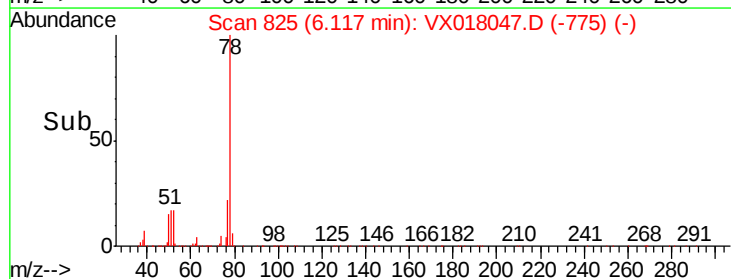
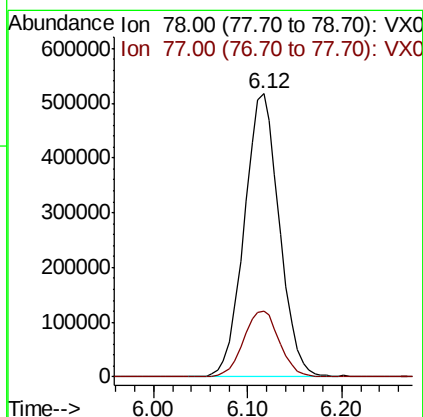
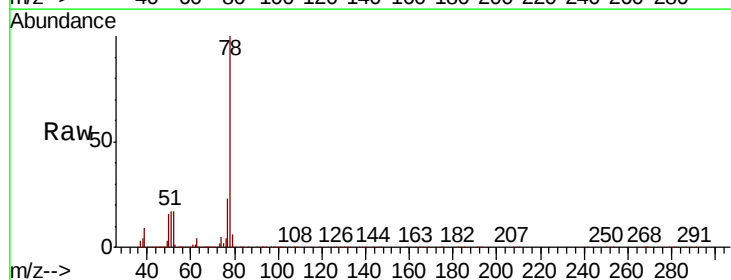
Instrument :
MSVOA_X
ClientSampleId :
ICVVX082120

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.0	61.8	92.6
98	45.6	36.6	55.0



#40
Benzene
Concen: 46.225 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX018047.D
Acq: 20 Aug 2020 21:39

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.2	27.2

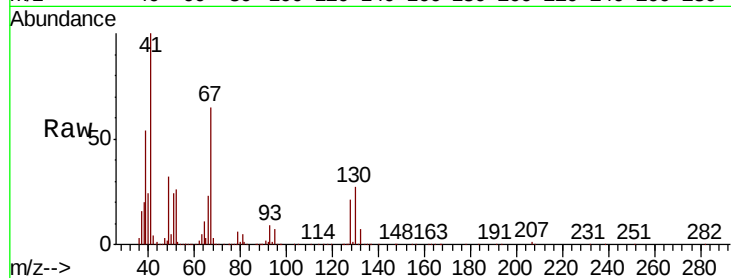




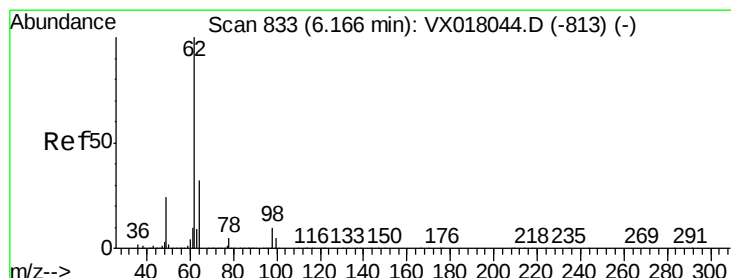
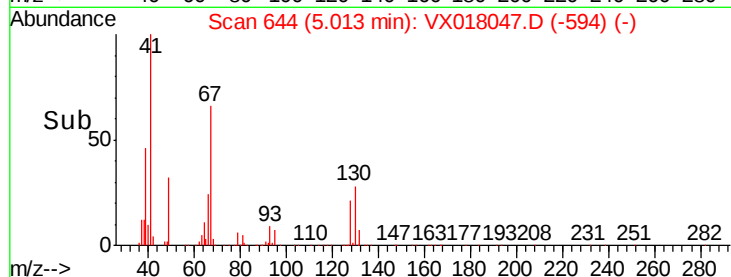
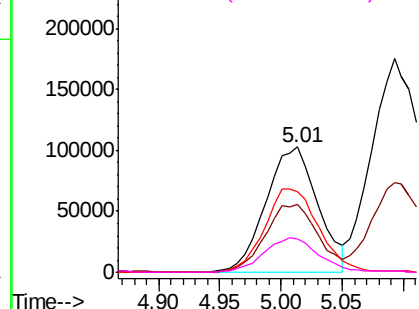
#41
Methacrylonitrile
Concen: 48.128 ug/l
RT: 5.01 min Scan# 644
Delta R.T. 0.01 min
Lab File: VX018047.D
Acq: 20 Aug 2020 21:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX082120

Tot Ion:	41	Resp:	304479
Ion	Ratio	Lower	Upper
41	100		
39	54.4	43.1	64.7
67	69.8	56.0	84.0
52	28.5	22.7	34.1

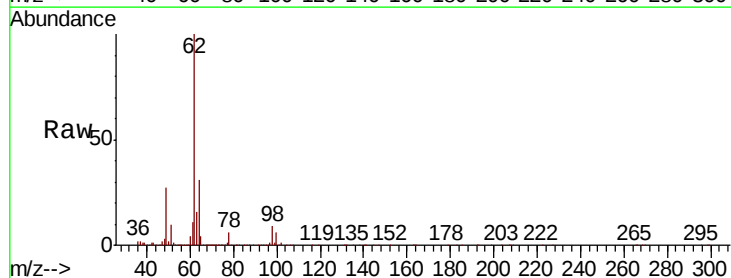


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

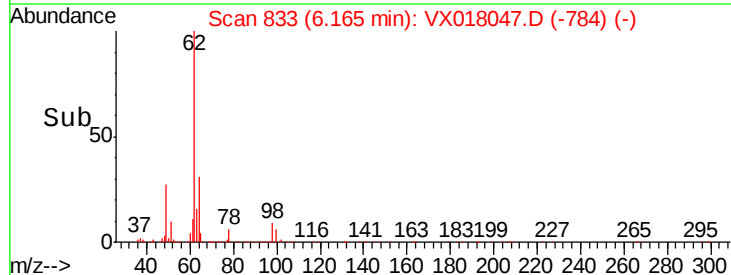
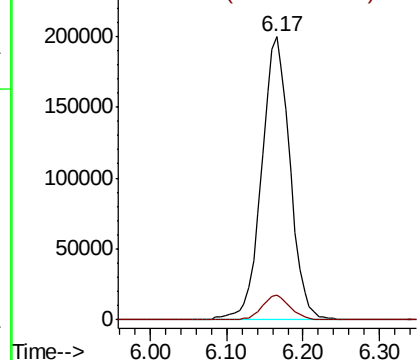


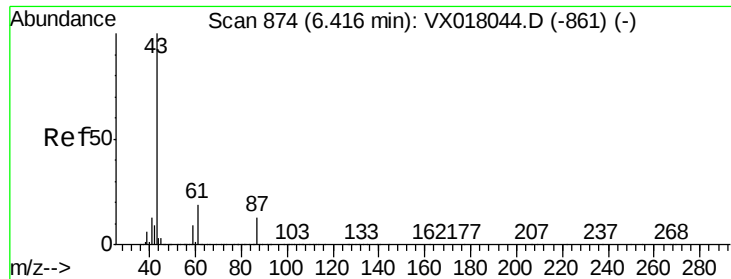
#42
1,2-Dichloroethane
Concen: 46.316 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX018047.D
Acq: 20 Aug 2020 21:39

Tgt Ion:	62	Resp:	517282
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	18.2



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





#43

Isopropyl Acetate

Concen: 46.144 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX018047.D

Acq: 20 Aug 2020 21:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX082120

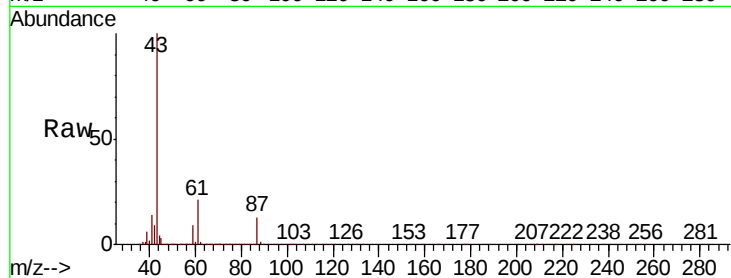
Tot Ion: 43 Resp: 858735

Ion Ratio Lower Upper

43 100

61 20.0 15.7 23.5

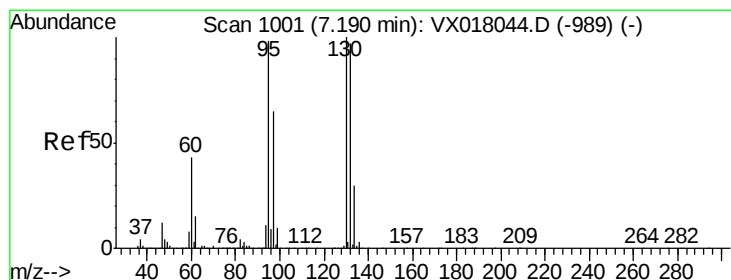
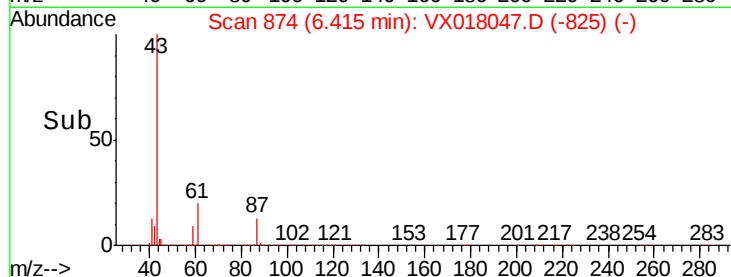
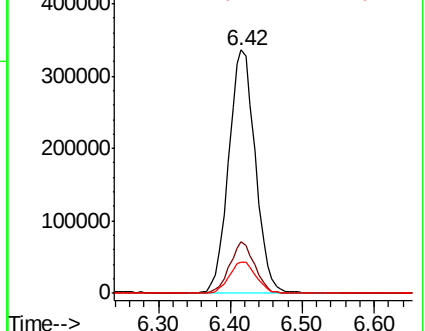
87 13.1 10.3 15.5



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: 46.162 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX018047.D

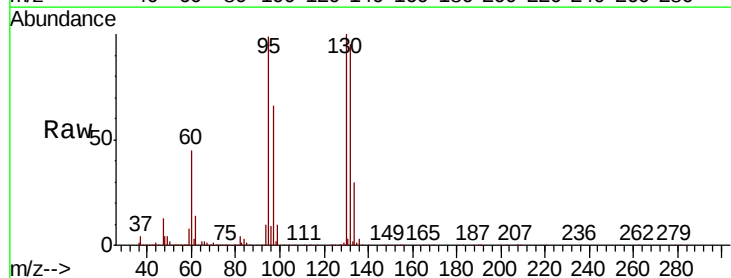
Acq: 20 Aug 2020 21:39

Tgt Ion: 130 Resp: 380219

Ion Ratio Lower Upper

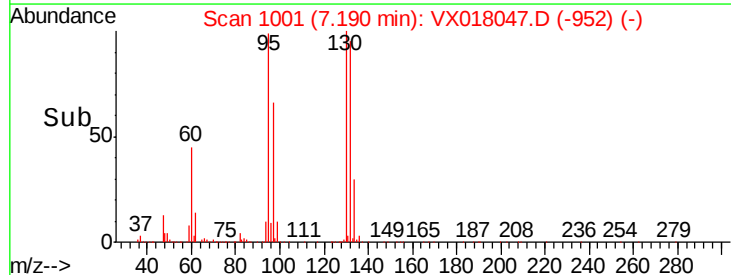
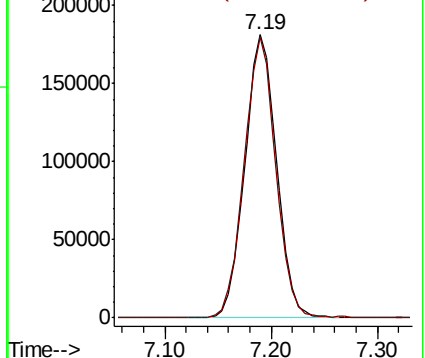
130 100

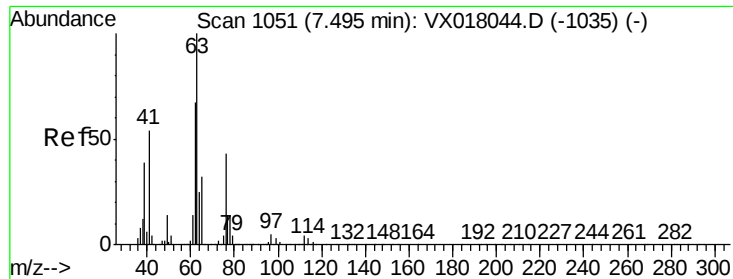
95 99.0 0.0 196.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

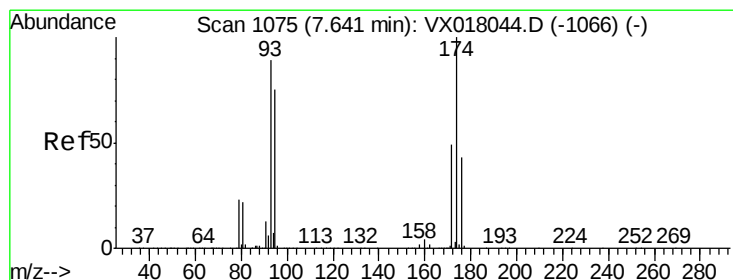
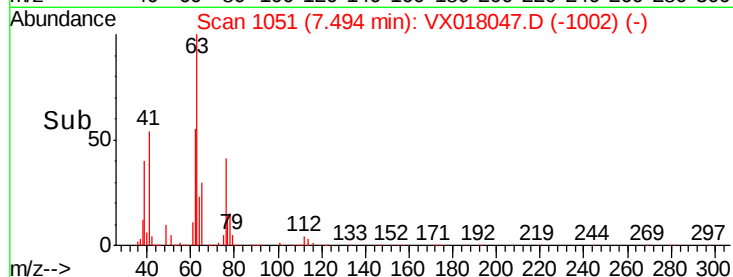
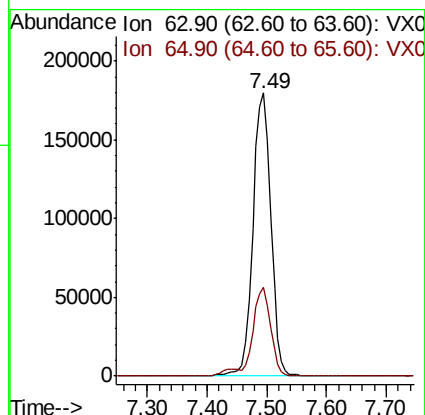
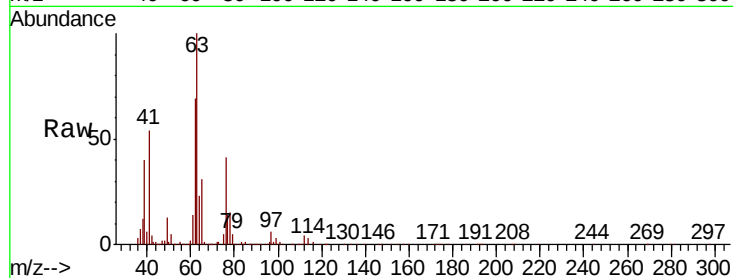




#45
 1,2-Dichloropropane
 Concen: 47.804 ug/l
 RT: 7.49 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VX018047.D
 Acq: 20 Aug 2020 21:39

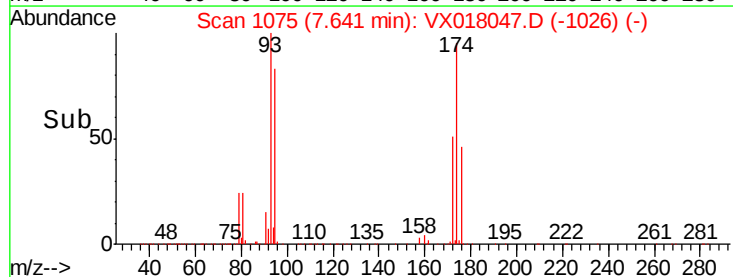
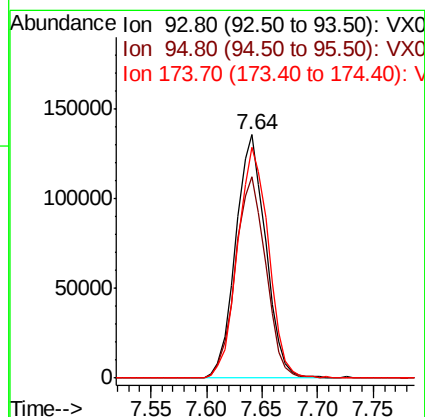
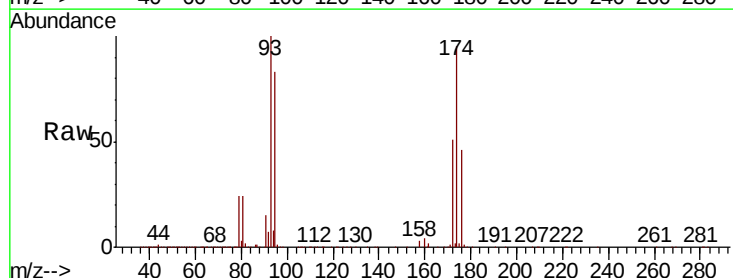
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX082120

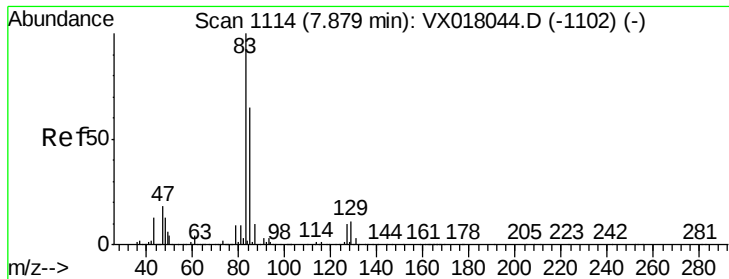
Tot Ion: 63 Resp: 375570
 Ion Ratio Lower Upper
 63 100
 65 31.2 25.7 38.5



#46
 Dibromomethane
 Concen: 45.920 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX018047.D
 Acq: 20 Aug 2020 21:39

Tgt Ion: 93 Resp: 253695
 Ion Ratio Lower Upper
 93 100
 95 83.7 67.3 100.9
 174 98.1 82.2 123.2





#47

Bromodichloromethane

Concen: 47.043 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX018047.D

Acq: 20 Aug 2020 21:39

Instrument :

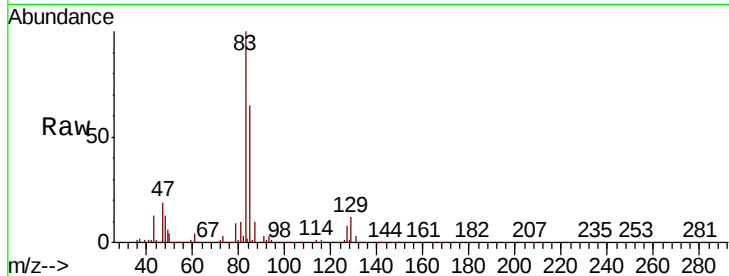
MSVOA_X

ClientSampleId :

ICVVX082120

Tot Ion: 83 Resp: 518941

Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.8	77.6
127	8.5	7.7	11.5

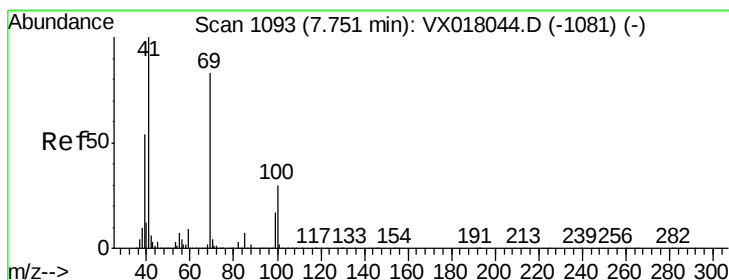
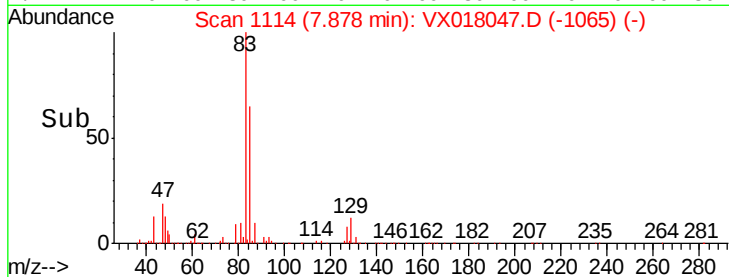
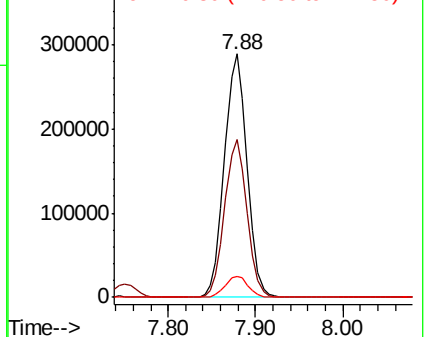


Abundance

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: 46.433 ug/l

RT: 7.75 min Scan# 1093

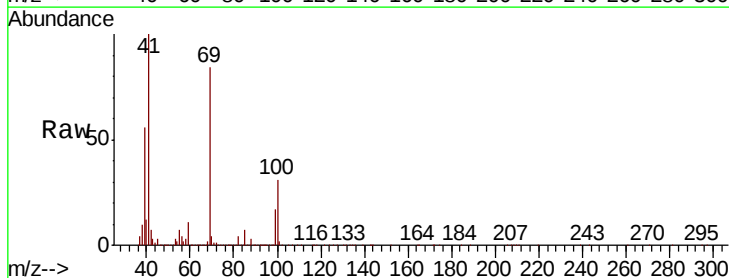
Delta R.T. -0.00 min

Lab File: VX018047.D

Acq: 20 Aug 2020 21:39

Tgt Ion: 41 Resp: 430167

Ion	Ratio	Lower	Upper
41	100		
69	80.7	65.5	98.3
39	54.9	44.5	66.7

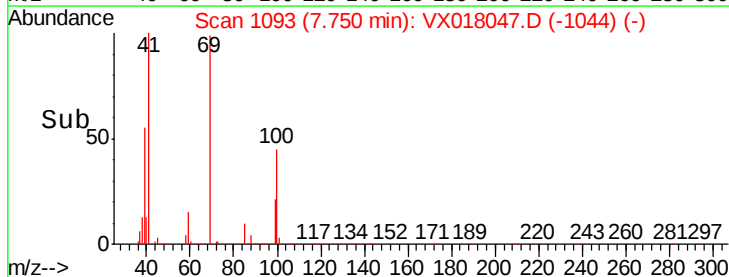
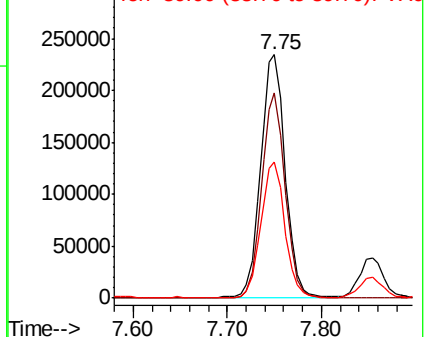


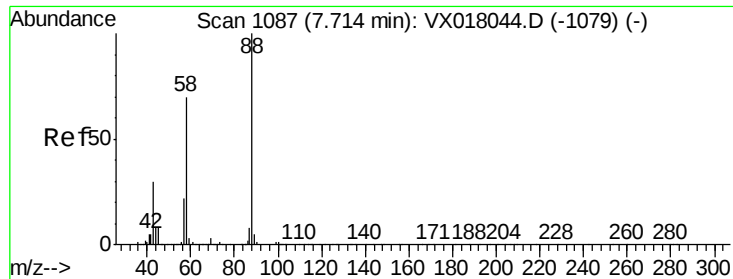
Abundance

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: 940.362 ug/l

RT: 7.72 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX018047.D

Acq: 20 Aug 2020 21:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX082120

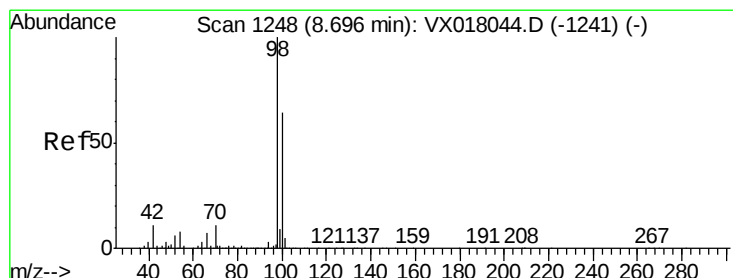
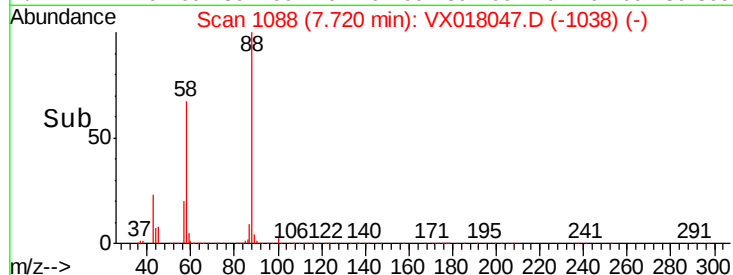
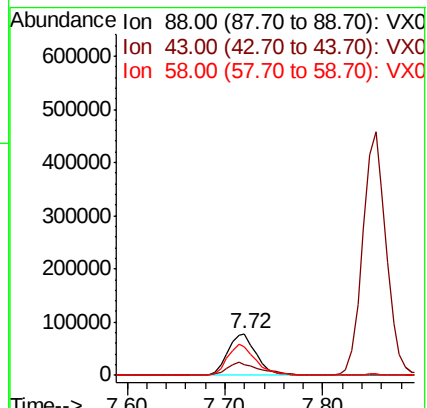
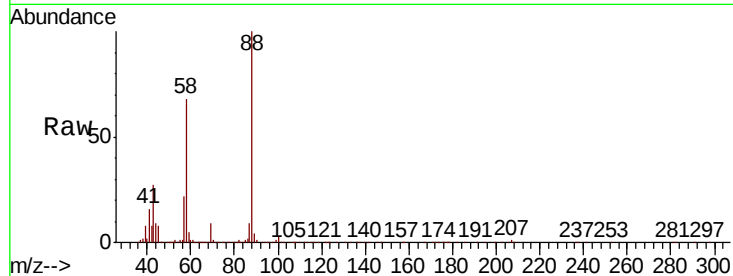
Tot Ion: 88 Resp: 157806

Ion Ratio Lower Upper

88 100

43 35.8 27.4 41.0

58 74.0 56.4 84.6



#50

Toluene-d8

Concen: 44.123 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018047.D

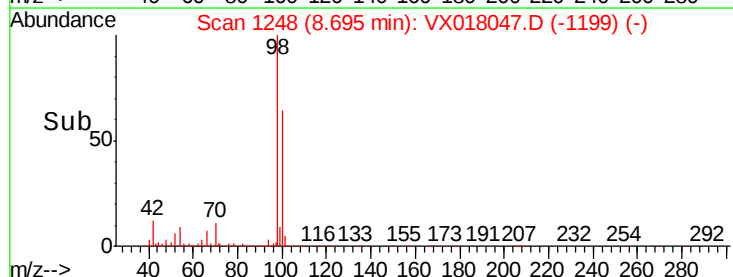
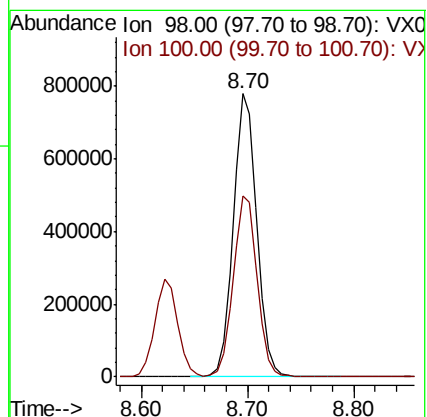
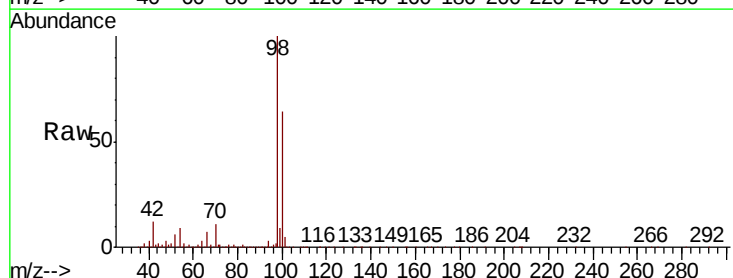
Acq: 20 Aug 2020 21:39

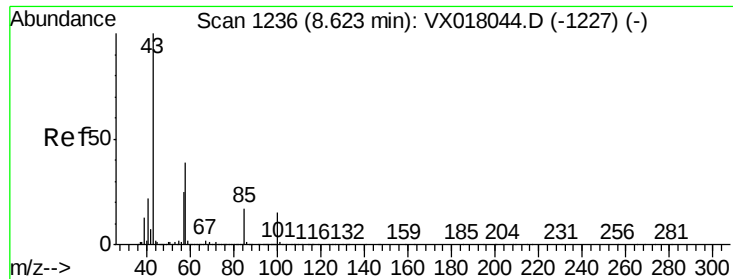
Tgt Ion: 98 Resp: 1203789

Ion Ratio Lower Upper

98 100

100 65.0 52.2 78.4

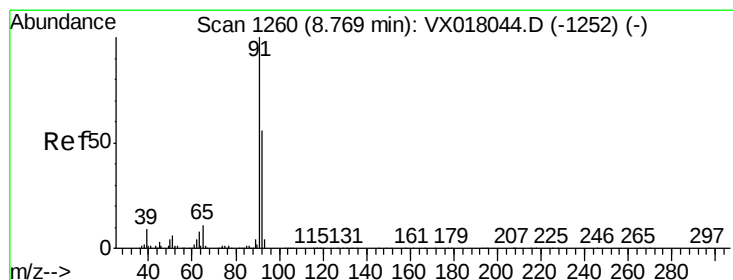
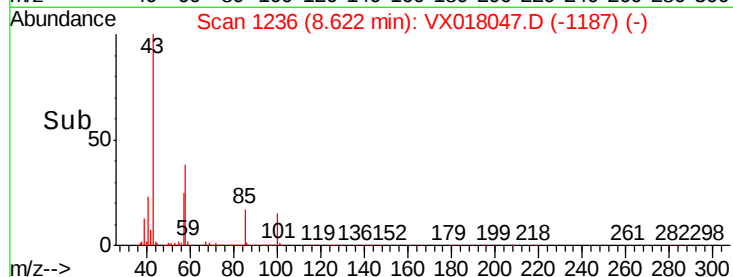
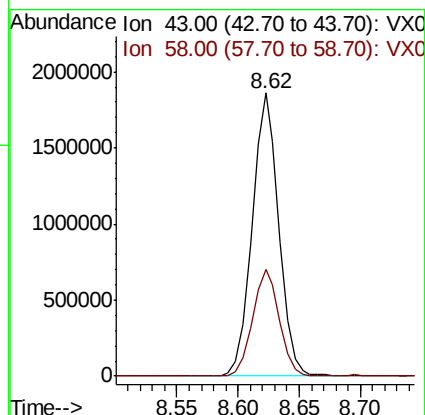
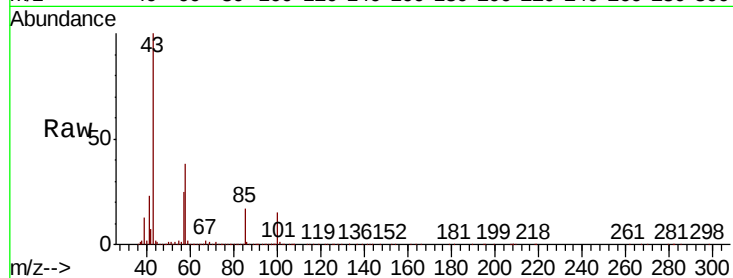




#51
4-Methyl-2-Pentanone
Concen: 244.696 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX018047.D
Acq: 20 Aug 2020 21:39

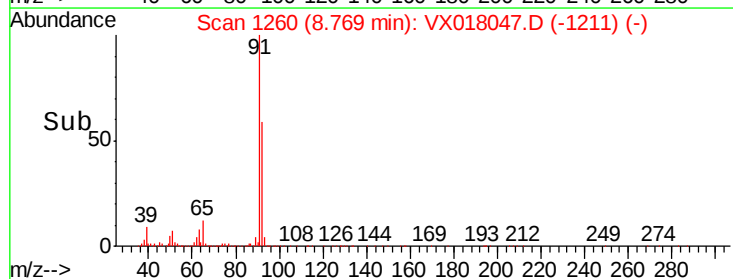
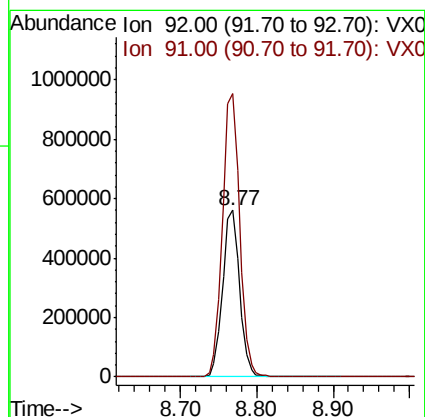
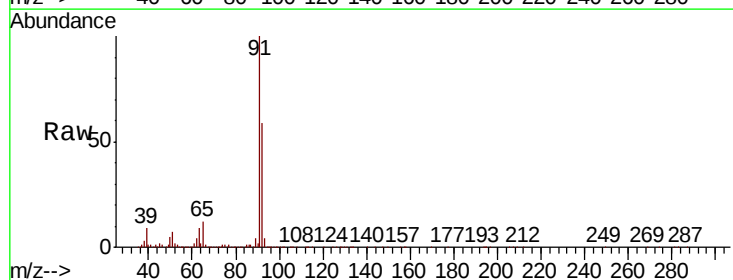
Instrument :
MSVOA_X
ClientSampleId :
ICVVX082120

Tot Ion: 43 Resp: 2812934
Ion Ratio Lower Upper
43 100
58 38.0 30.7 46.1



#52
Toluene
Concen: 46.575 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. -0.00 min
Lab File: VX018047.D
Acq: 20 Aug 2020 21:39

Tgt Ion: 92 Resp: 860889
Ion Ratio Lower Upper
92 100
91 173.0 140.3 210.5





#53

t-1,3-Dichloropropene

Concen: 46.903 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX018047.D

Acq: 20 Aug 2020 21:39

Instrument :

MSVOA_X

ClientSampleId :

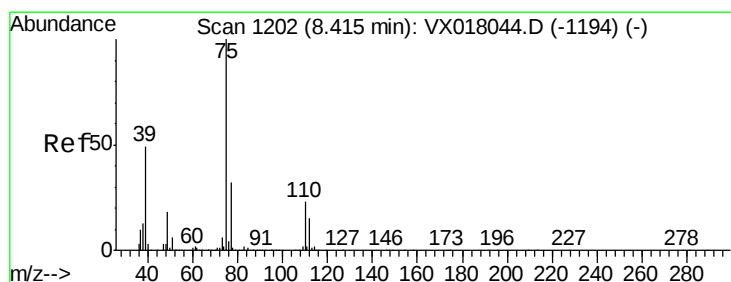
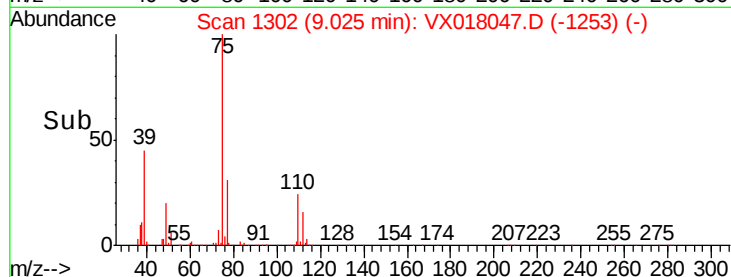
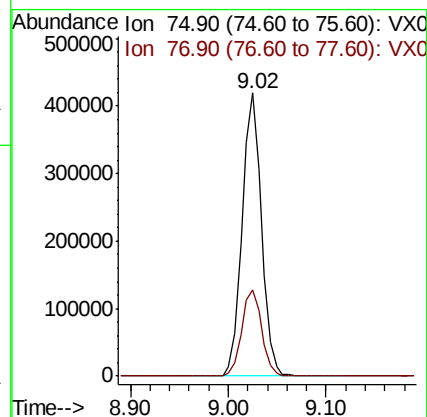
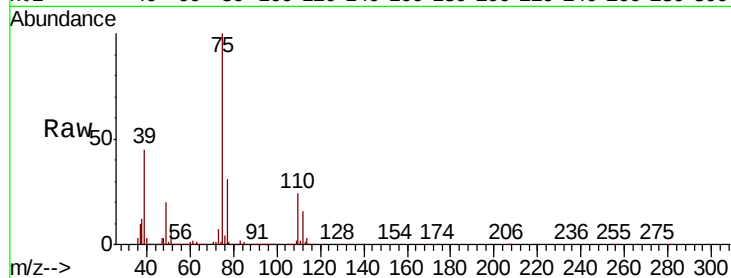
ICVVX082120

Tot Ion: 75 Resp: 573442

Ion Ratio Lower Upper

75 100

77 30.5 26.6 39.8



#54

cis-1,3-Dichloropropene

Concen: 46.955 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX018047.D

Acq: 20 Aug 2020 21:39

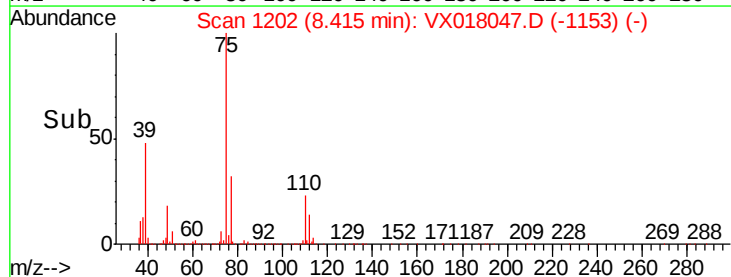
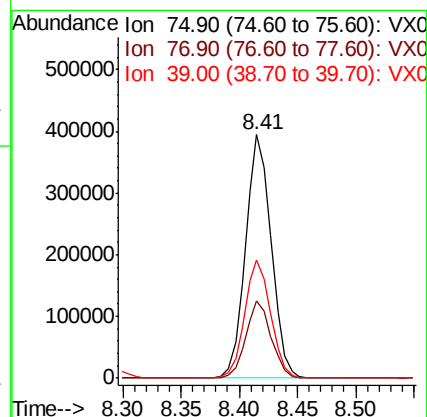
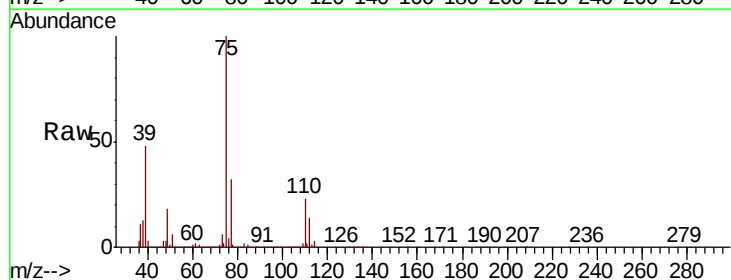
Tgt Ion: 75 Resp: 608131

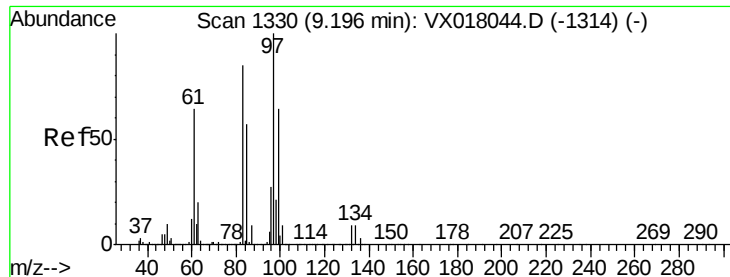
Ion Ratio Lower Upper

75 100

77 31.7 25.8 38.8

39 48.4 38.8 58.2





#55

1,1,2-Trichloroethane

Concen: 45.321 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX018047.D

Acq: 20 Aug 2020 21:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX082120

Tot Ion: 97 Resp: 357276

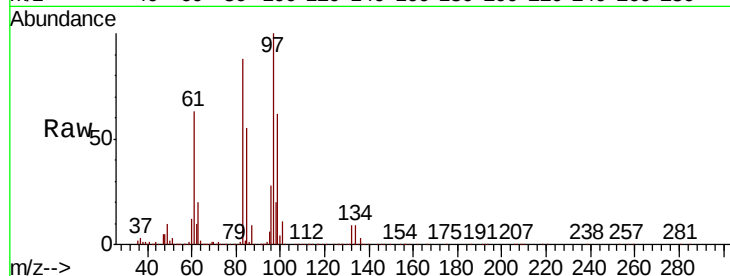
Ion Ratio Lower Upper

97 100

83 88.1 67.8 101.6

85 54.8 45.3 67.9

99 62.4 50.9 76.3

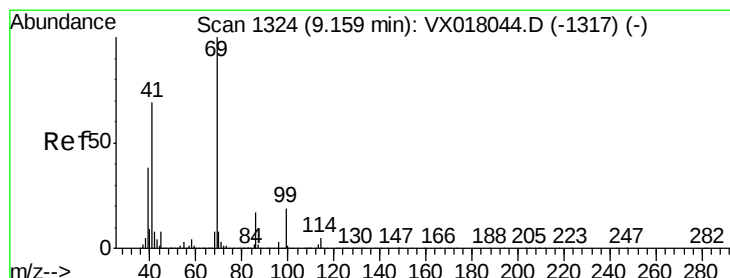
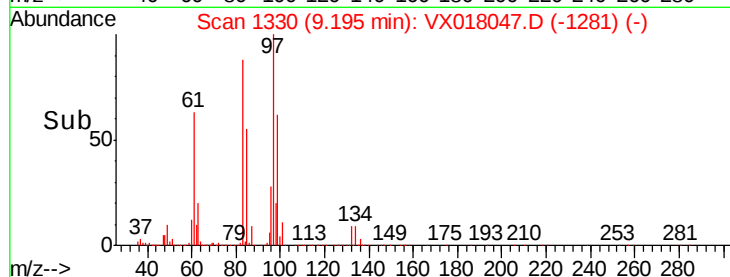
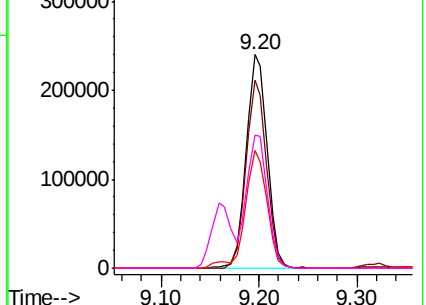


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 48.123 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX018047.D

Acq: 20 Aug 2020 21:39

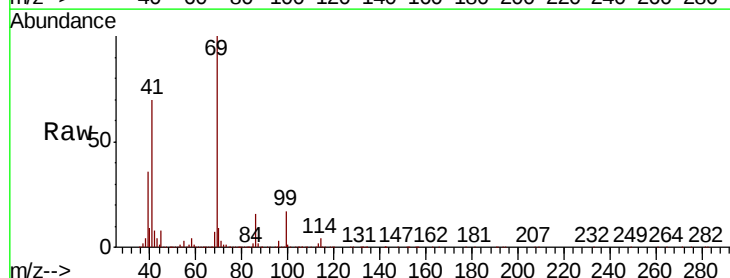
Tgt Ion: 69 Resp: 563969

Ion Ratio Lower Upper

69 100

41 69.1 54.6 81.8

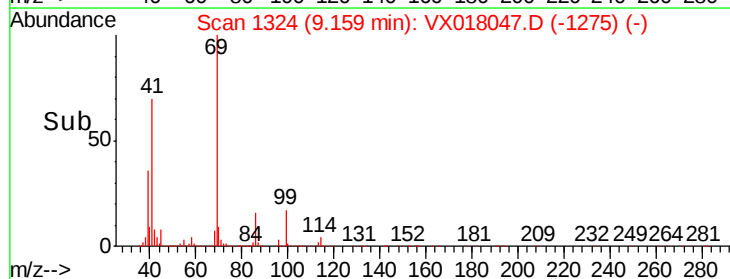
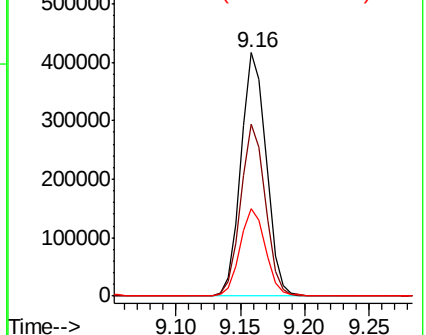
39 36.1 29.1 43.7

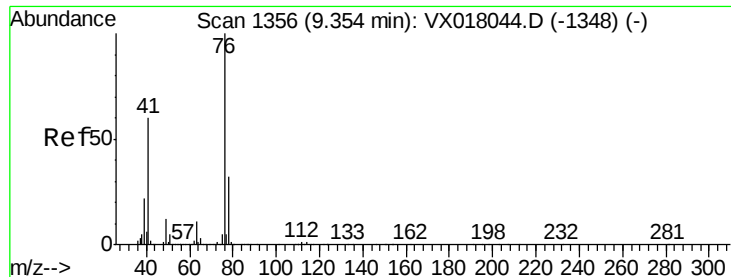


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 46.782 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018047.D

Acq: 20 Aug 2020 21:39

Instrument :

MSVOA_X

ClientSampleId :

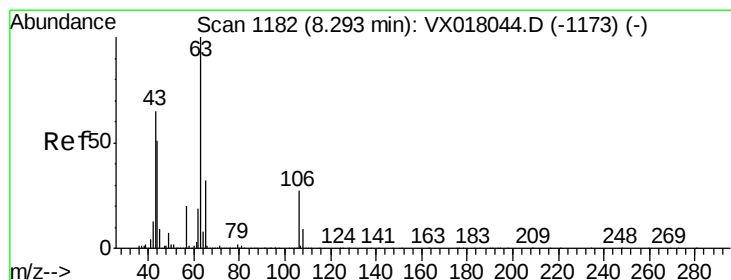
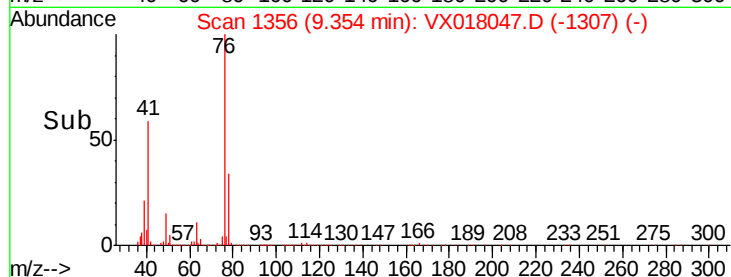
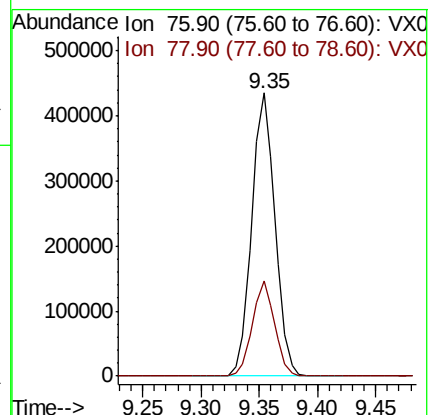
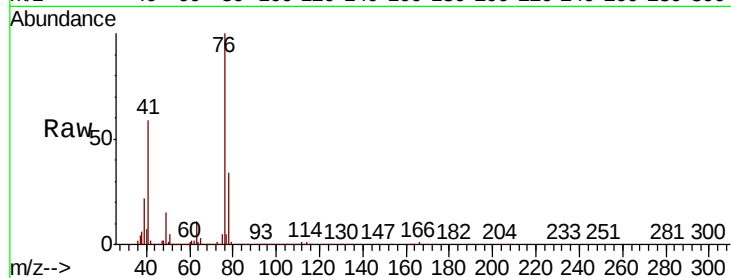
ICVVX082120

Tot Ion: 76 Resp: 608282

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 232.473 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX018047.D

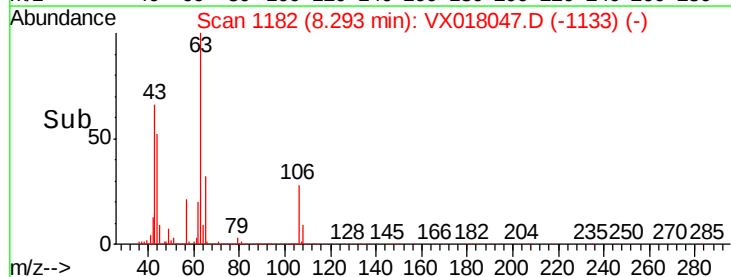
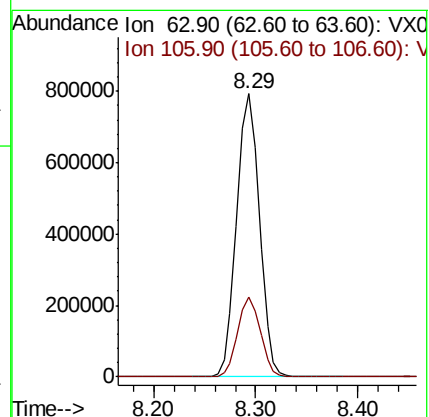
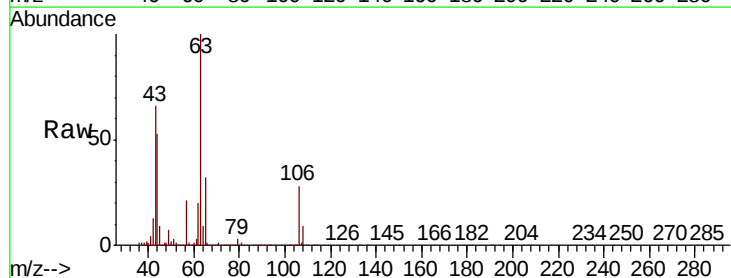
Acq: 20 Aug 2020 21:39

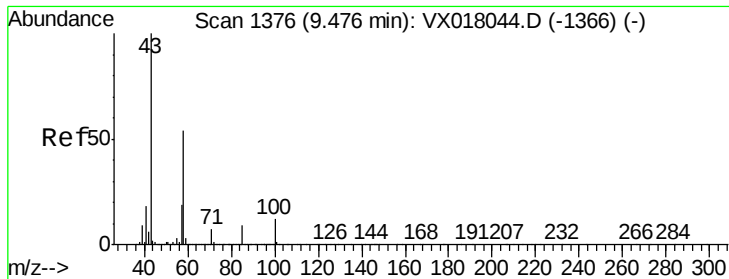
Tgt Ion: 63 Resp: 1225575

Ion Ratio Lower Upper

63 100

106 28.1 22.1 33.1

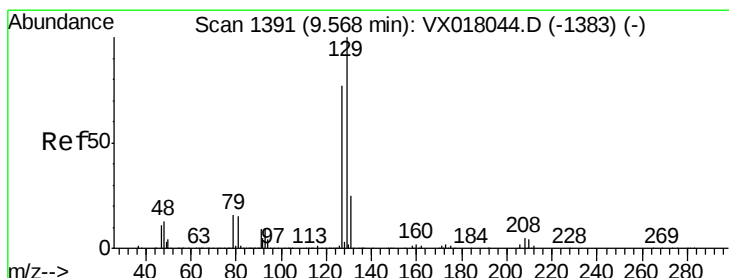
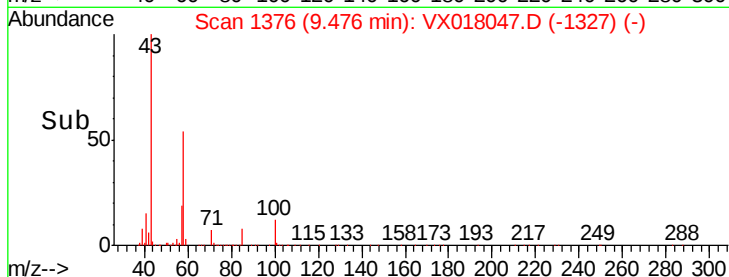
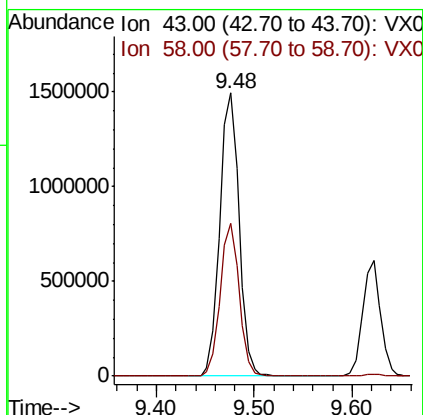
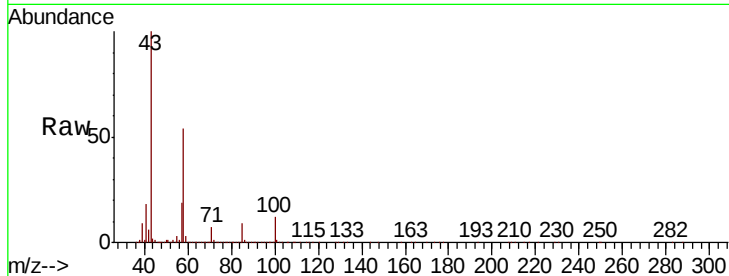




#59
2-Hexanone
Concen: 234.910 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX018047.D
Acq: 20 Aug 2020 21:39

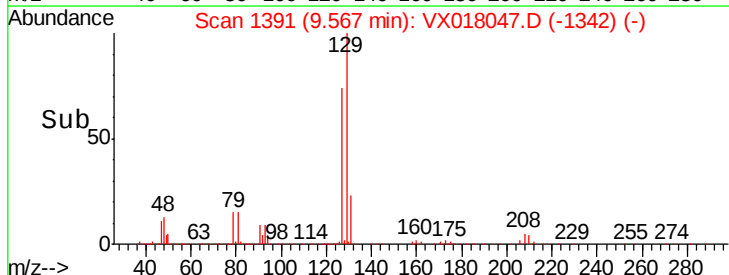
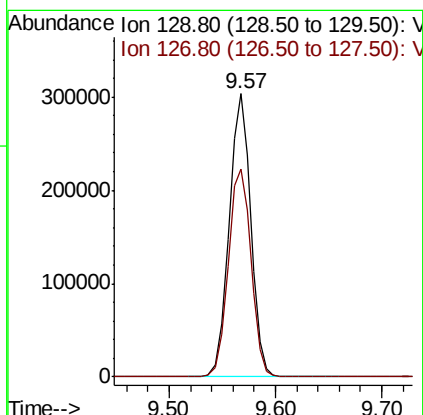
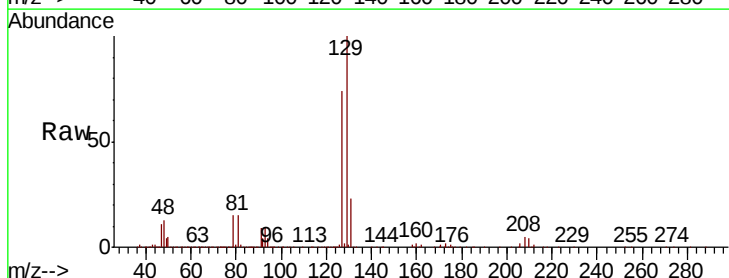
Instrument :
MSVOA_X
ClientSampleId :
ICVVX082120

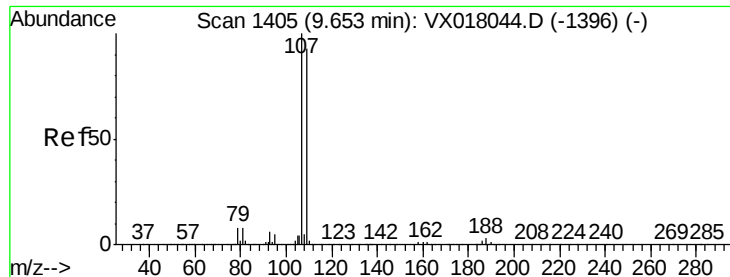
Tot Ion: 43 Resp: 2053378
Ion Ratio Lower Upper
43 100
58 53.1 26.6 79.7



#60
Dibromochloromethane
Concen: 46.739 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX018047.D
Acq: 20 Aug 2020 21:39

Tgt Ion: 129 Resp: 432233
Ion Ratio Lower Upper
129 100
127 77.3 38.9 116.6





#61

1,2-Dibromoethane

Concen: 44.364 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018047.D

Acq: 20 Aug 2020 21:39

Instrument :

MSVOA_X

ClientSampleId :

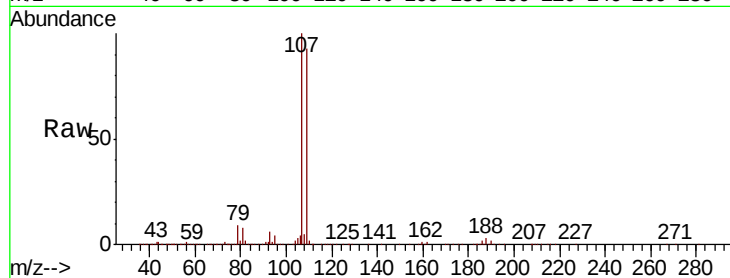
ICVVX082120

Tot Ion: 107 Resp: 379690

Ion Ratio Lower Upper

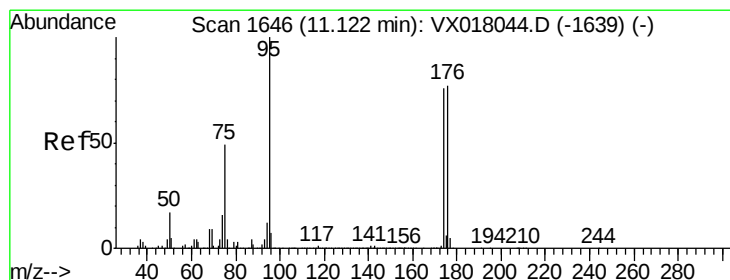
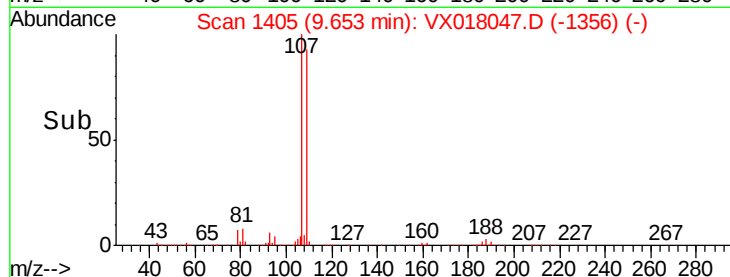
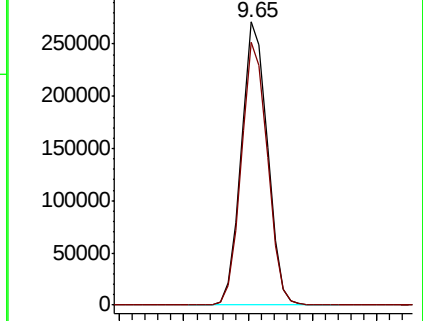
107 100

109 93.0 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 43.409 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018047.D

Acq: 20 Aug 2020 21:39

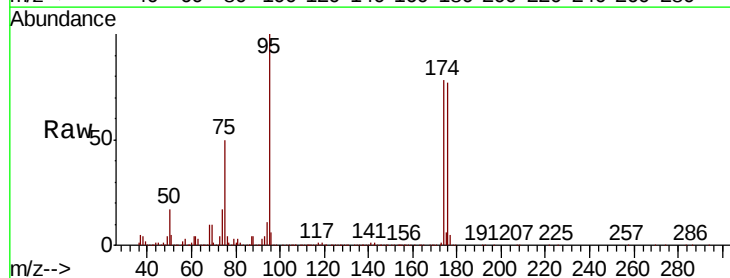
Tgt Ion: 95 Resp: 465955

Ion Ratio Lower Upper

95 100

174 78.7 0.0 160.2

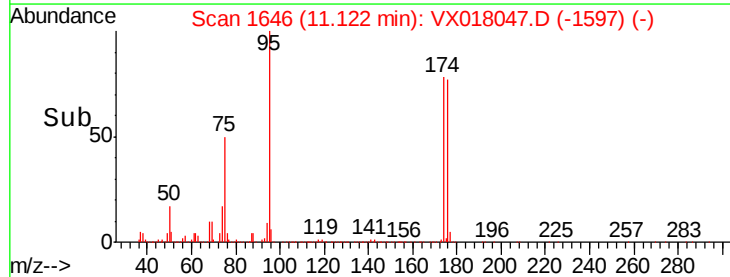
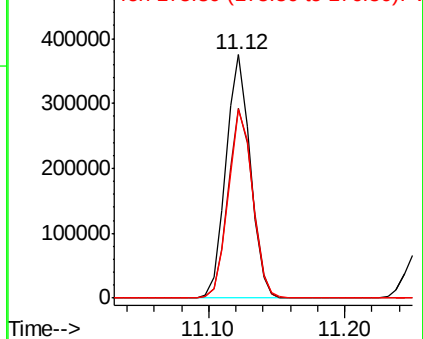
176 77.7 0.0 155.8

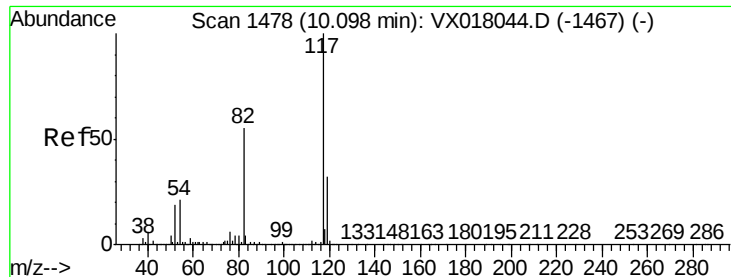


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

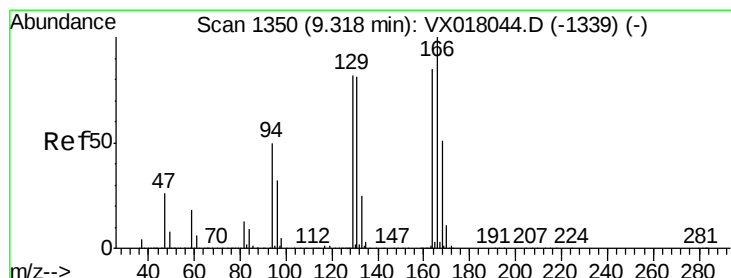
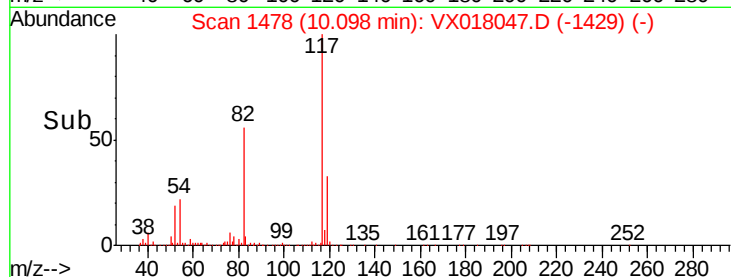
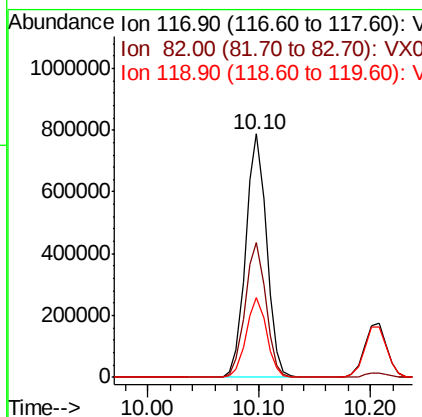
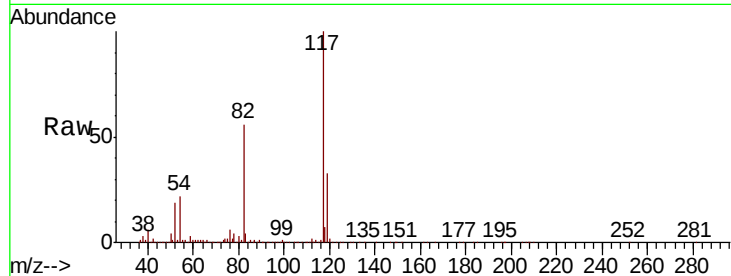




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018047.D
Acq: 20 Aug 2020 21:39

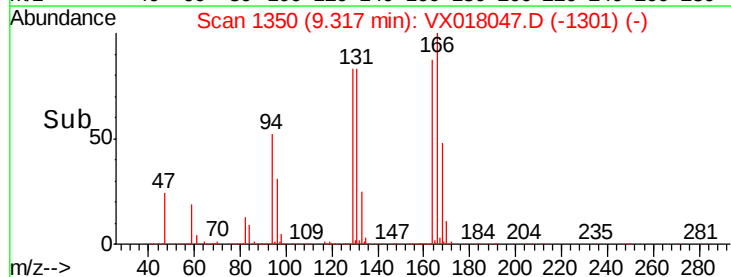
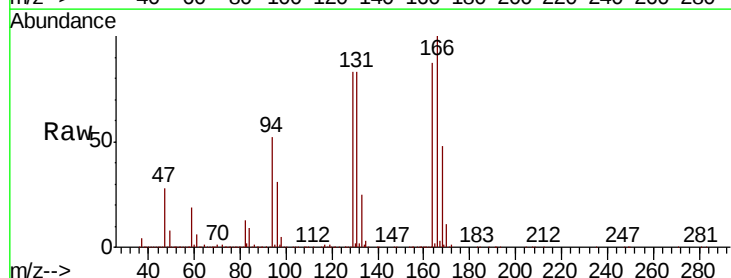
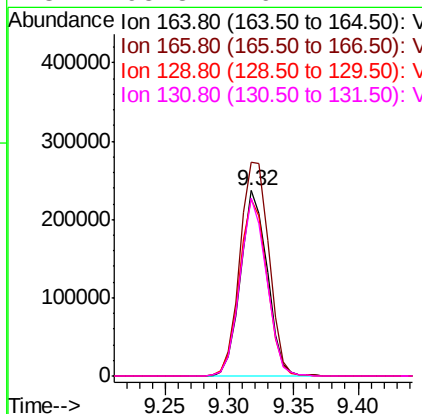
Instrument :
MSVOA_X
ClientSampleId :
ICVVX082120

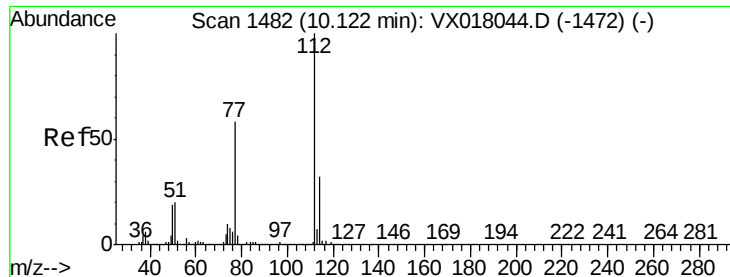
Tot Ion:117 Resp: 1026369
Ion Ratio Lower Upper
117 100
82 55.6 44.2 66.2
119 32.5 25.7 38.5



#64
Tetrachloroethene
Concen: 44.672 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018047.D
Acq: 20 Aug 2020 21:39

Tgt Ion:164 Resp: 336933
Ion Ratio Lower Upper
164 100
166 115.3 94.2 141.2
129 95.3 76.9 115.3
131 95.8 76.1 114.1





#65

Chlorobenzene

Concen: 46.964 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX018047.D

Acq: 20 Aug 2020 21:39

Instrument :

MSVOA_X

ClientSampleId :

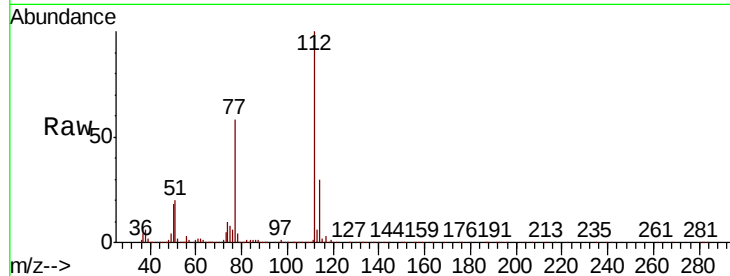
ICVVX082120

Tot Ion:112 Resp: 962709

Ion Ratio Lower Upper

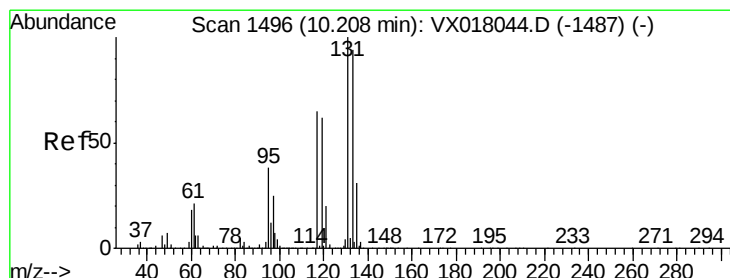
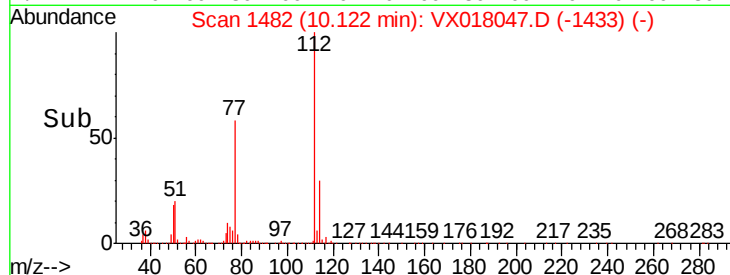
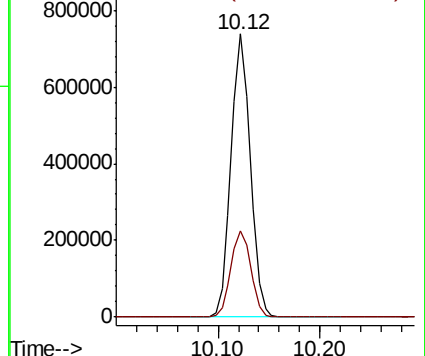
112 100

114 30.3 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 45.287 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX018047.D

Acq: 20 Aug 2020 21:39

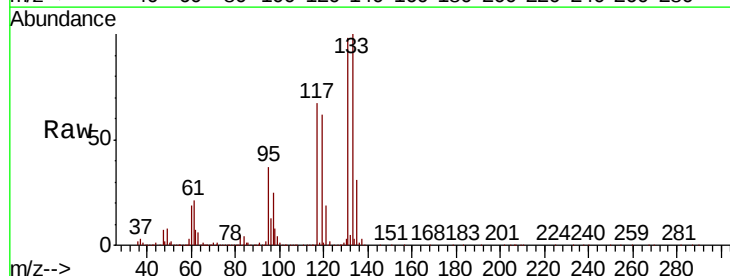
Tgt Ion:131 Resp: 365886

Ion Ratio Lower Upper

131 100

133 97.3 46.7 140.1

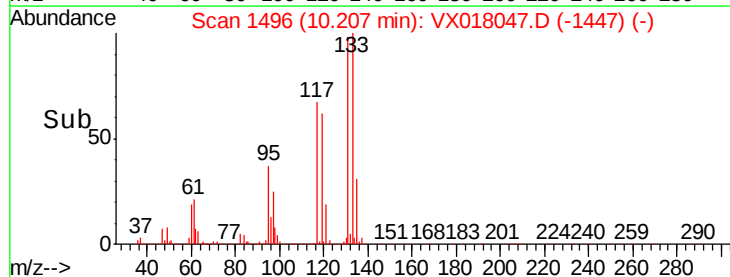
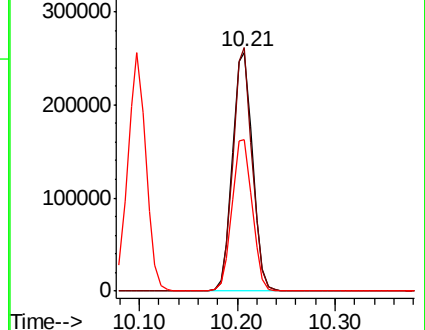
119 63.8 31.8 95.4

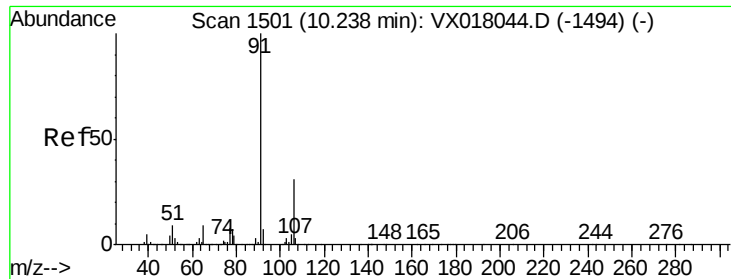


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

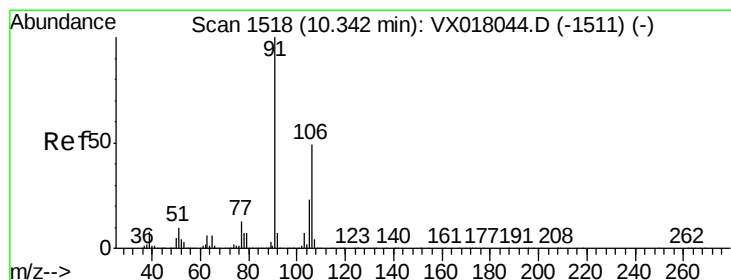
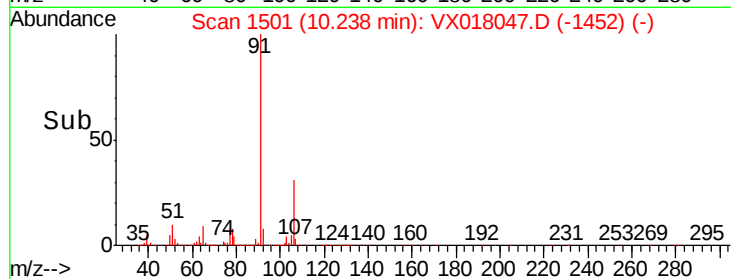
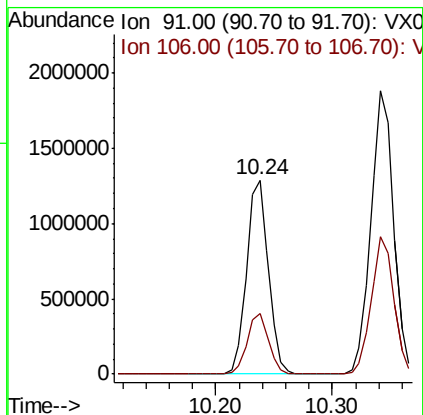
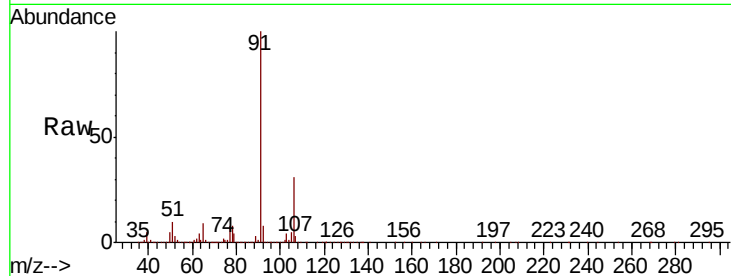




#67
Ethyl Benzene
Concen: 48.281 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX018047.D
Acq: 20 Aug 2020 21:39

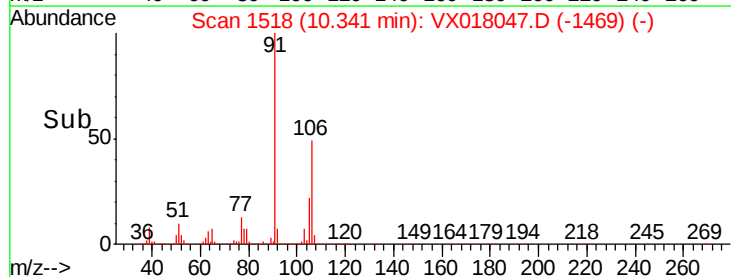
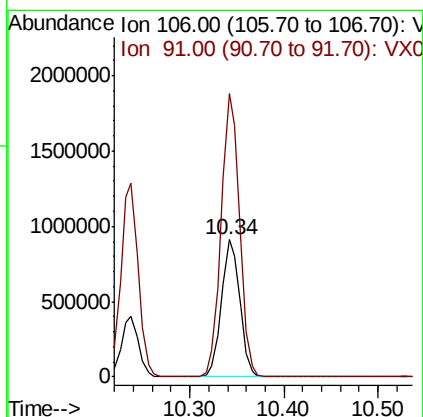
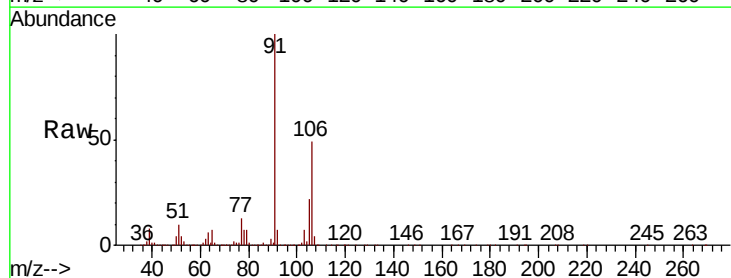
Instrument :
MSVOA_X
ClientSampleId :
ICVVX082120

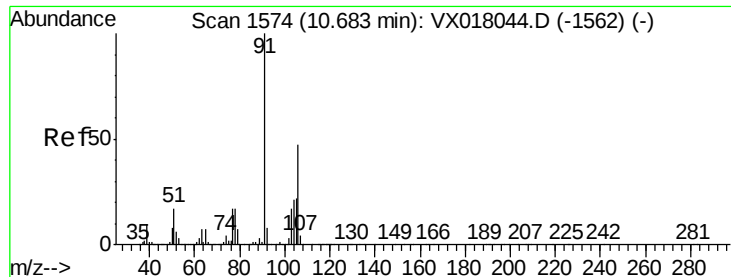
Tot Ion: 91 Resp: 1683084
Ion Ratio Lower Upper
91 100
106 31.2 24.9 37.3



#68
m/p-Xylenes
Concen: 94.467 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018047.D
Acq: 20 Aug 2020 21:39

Tgt Ion: 106 Resp: 1229148
Ion Ratio Lower Upper
106 100
91 206.6 162.2 243.2

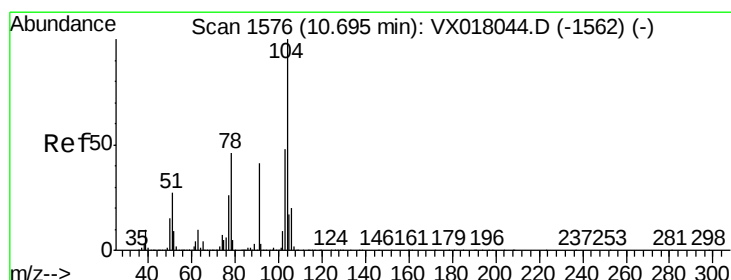
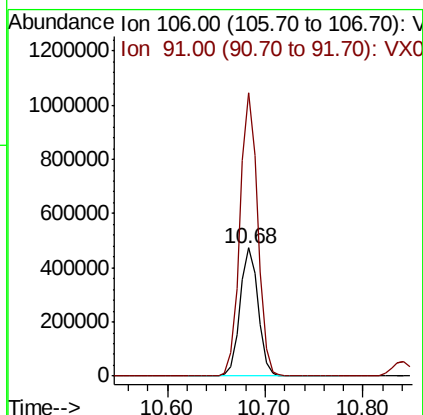
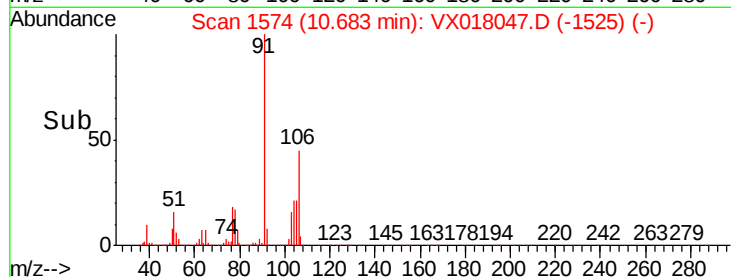
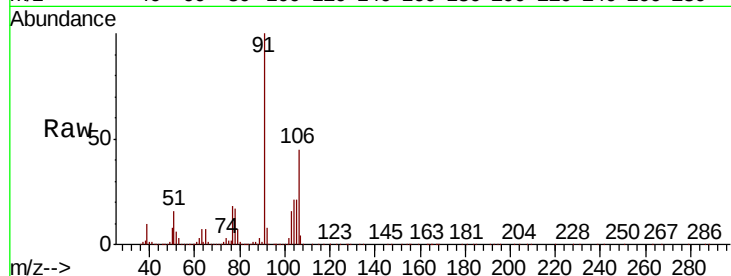




#69
o-Xylene
Concen: 48.201 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018047.D
Acq: 20 Aug 2020 21:39

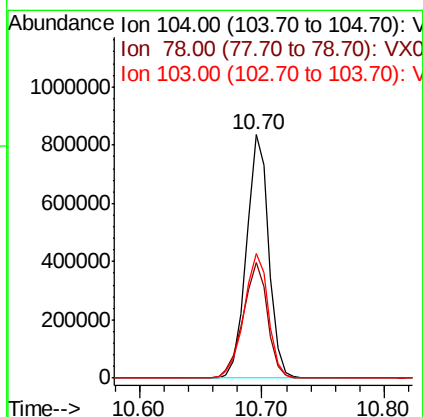
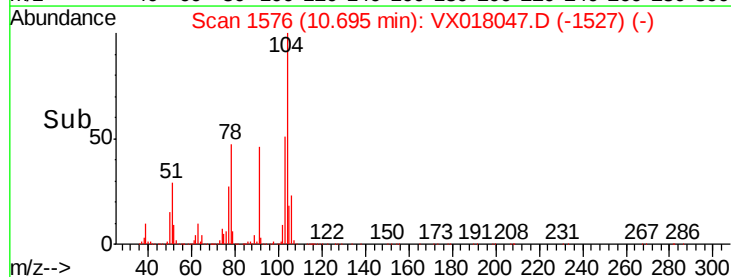
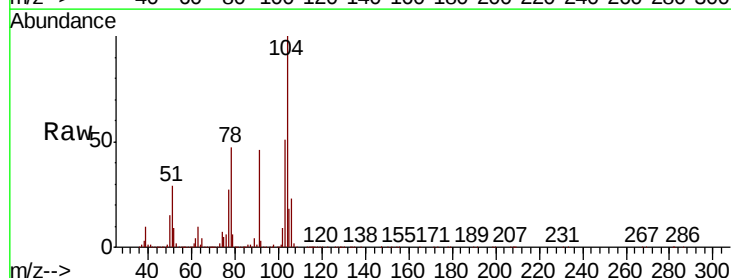
Instrument :
MSVOA_X
ClientSampleId :
ICVVX082120

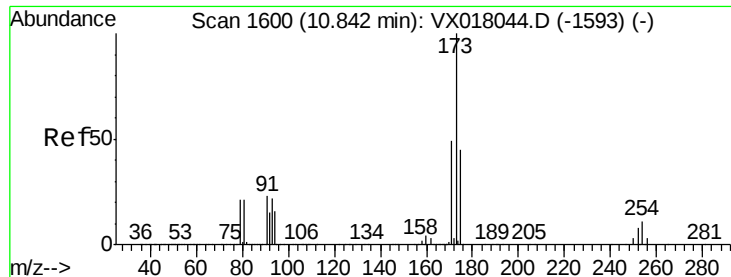
Tot Ion:106 Resp: 607965
Ion Ratio Lower Upper
106 100
91 216.3 107.1 321.3



#70
Styrene
Concen: 49.119 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018047.D
Acq: 20 Aug 2020 21:39

Tgt Ion:104 Resp: 1055074
Ion Ratio Lower Upper
104 100
78 52.0 40.9 61.3
103 56.0 43.6 65.4





#71

Bromoform

Concen: 46.693 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018047.D

Acq: 20 Aug 2020 21:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX082120

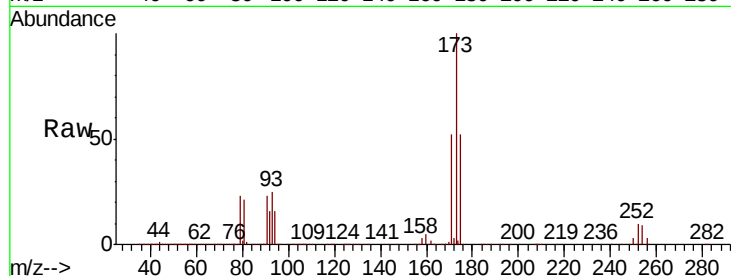
Tot Ion:173 Resp: 321778

Ion Ratio Lower Upper

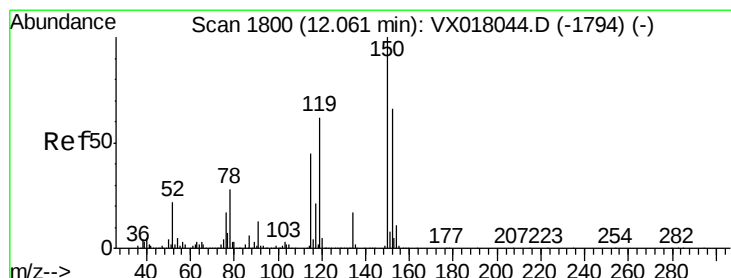
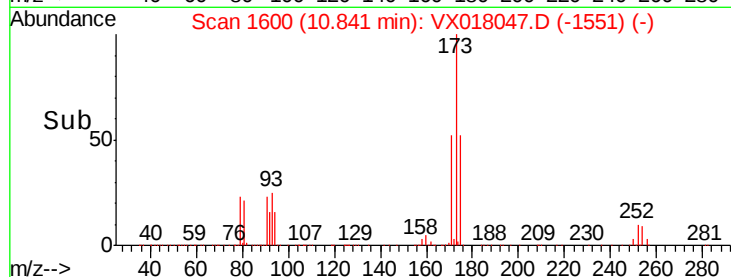
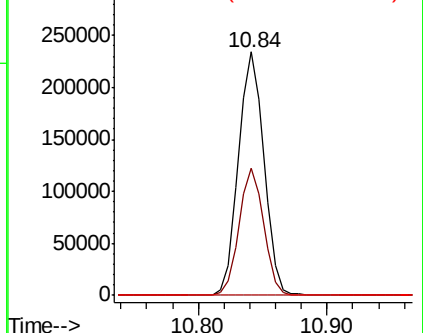
173 100

175 50.3 23.9 71.8

254 0.1 0.2 0.2#



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: VX018047.D

Acq: 20 Aug 2020 21:39

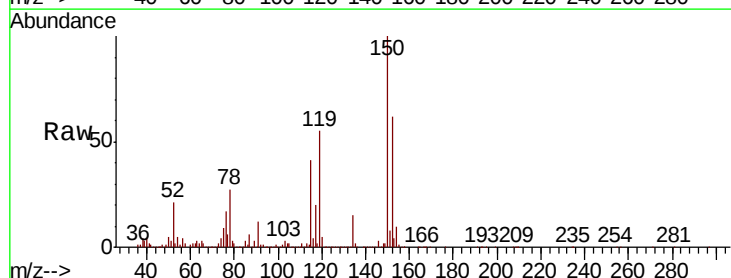
Tgt Ion:152 Resp: 496868

Ion Ratio Lower Upper

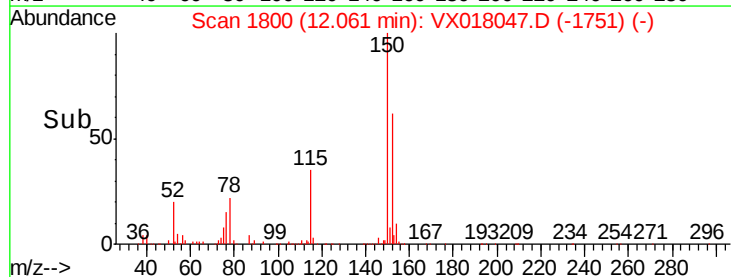
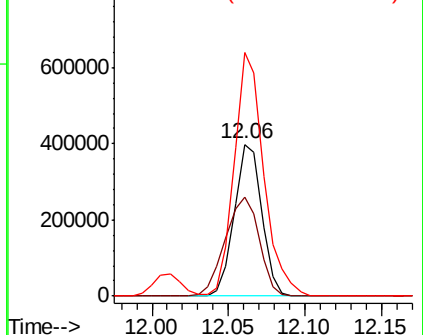
152 100

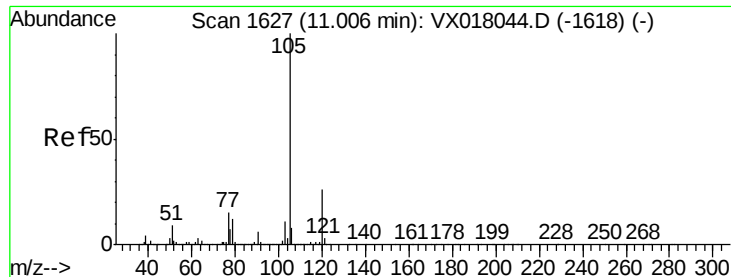
115 80.2 41.5 124.5

150 171.7 0.0 343.8



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: 50.397 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX018047.D

Acq: 20 Aug 2020 21:39

Instrument :

MSVOA_X

ClientSampleId :

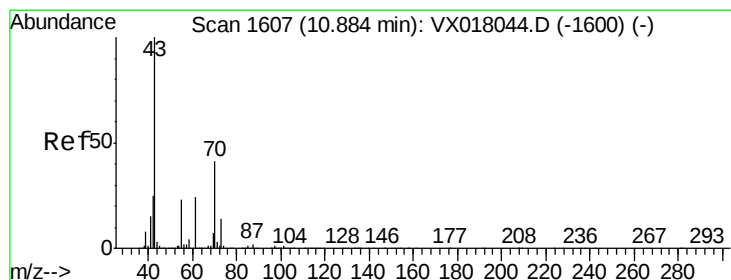
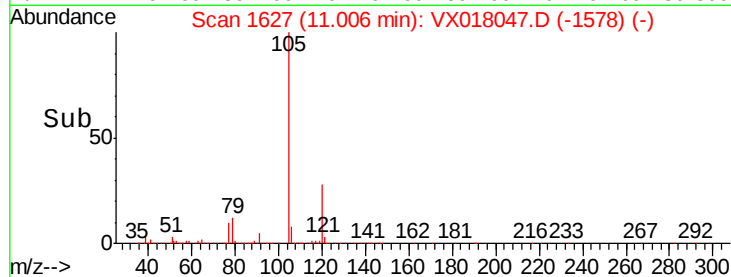
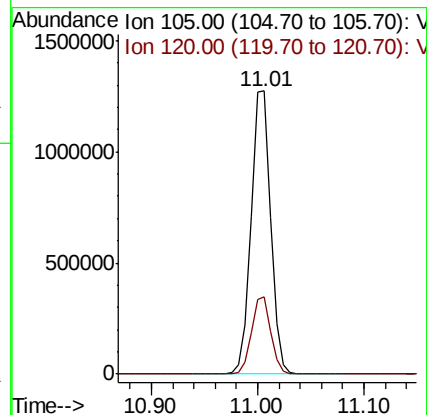
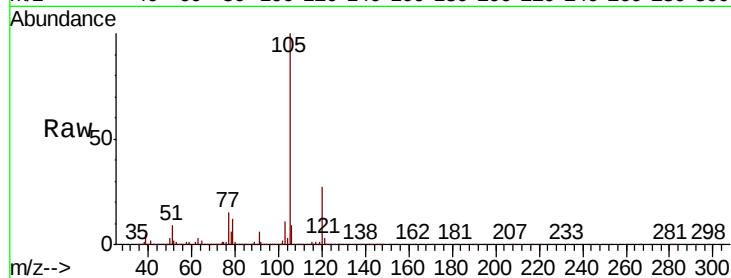
ICVVX082120

Tot Ion:105 Resp: 1651700

Ion Ratio Lower Upper

105 100

120 26.9 13.2 39.5



#74

N-ethyl acetate

Concen: 51.427 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018047.D

Acq: 20 Aug 2020 21:39

Tgt Ion: 43 Resp: 799689

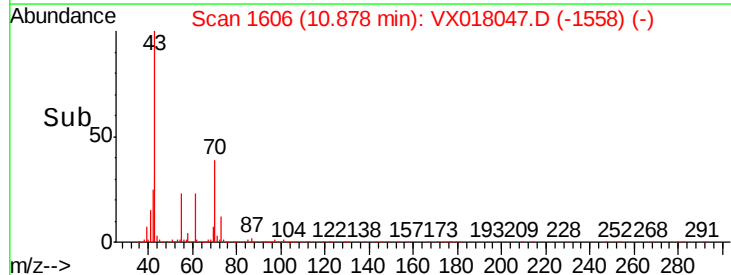
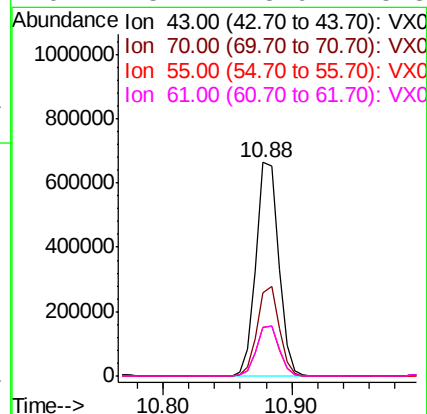
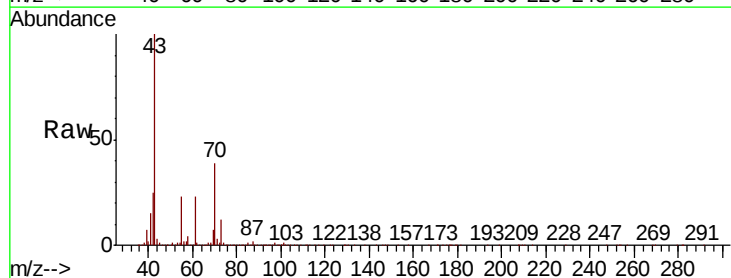
Ion Ratio Lower Upper

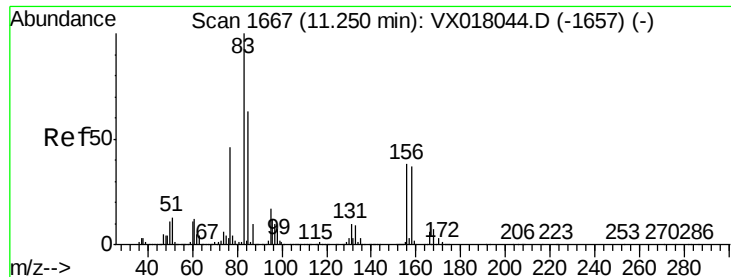
43 100

70 40.6 32.3 48.5

55 23.3 18.2 27.2

61 23.4 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 45.657 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.01 min

Lab File: VX018047.D

Acq: 20 Aug 2020 21:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX082120

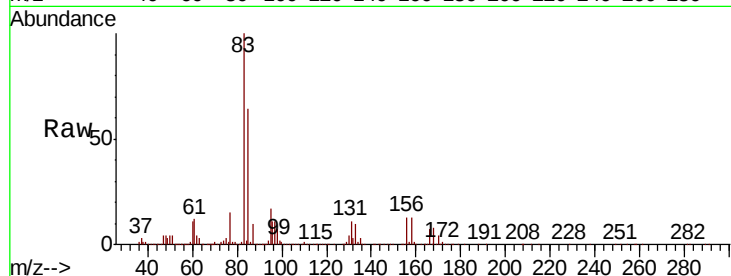
Tot Ion: 83 Resp: 527866

Ion Ratio Lower Upper

83 100

131 10.9 5.1 15.4

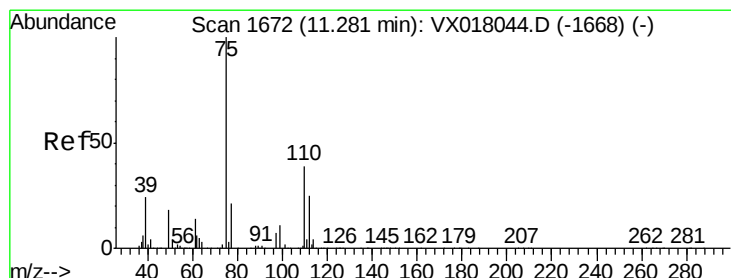
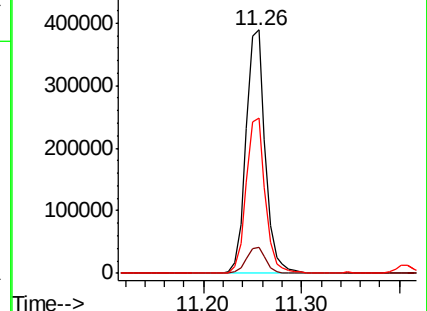
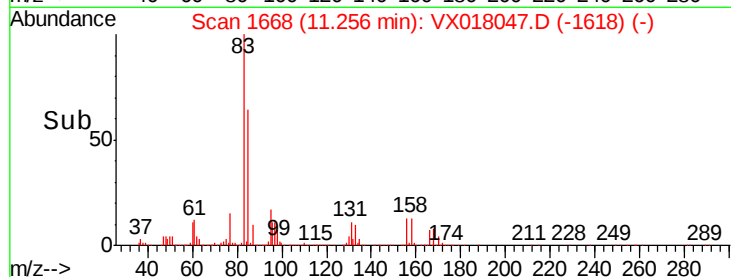
85 64.0 32.2 96.6



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: 59.346 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018047.D

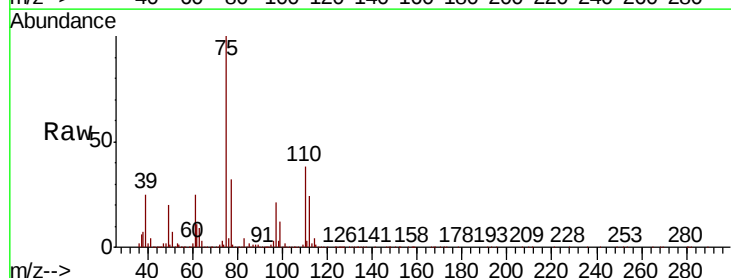
Acq: 20 Aug 2020 21:39

Tgt Ion: 75 Resp: 655948

Ion Ratio Lower Upper

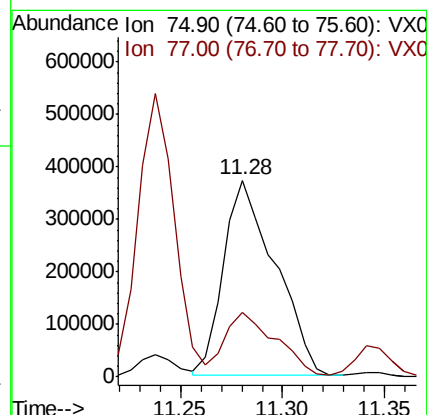
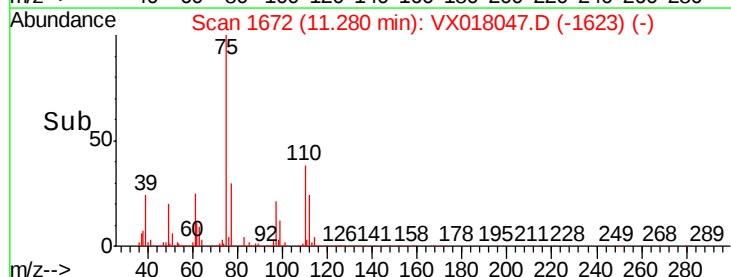
75 100

77 32.6 20.8 62.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 46.838 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018047.D

Acq: 20 Aug 2020 21:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX082120

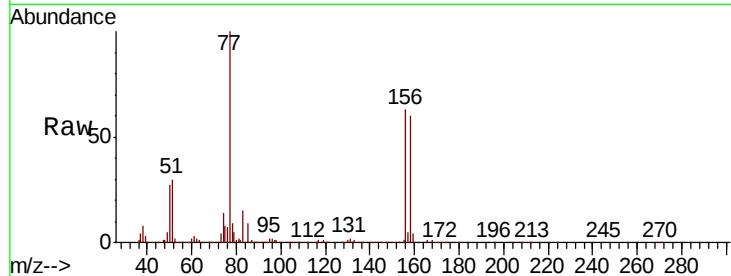
Tot Ion:156 Resp: 424320

Ion Ratio Lower Upper

156 100

77 158.7 80.0 240.2

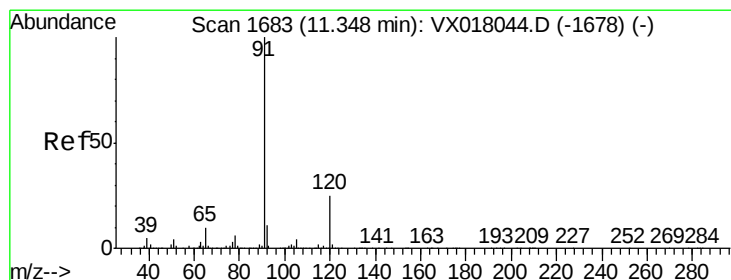
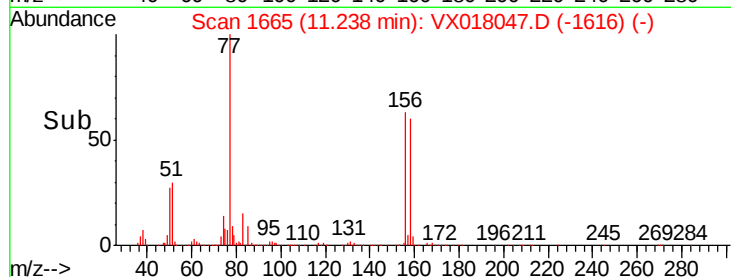
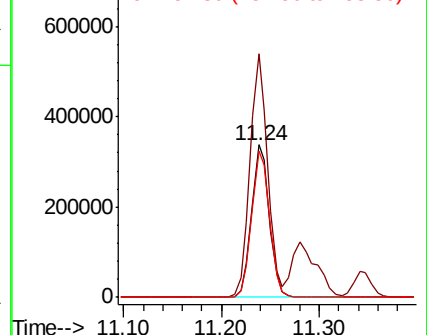
158 97.6 49.5 148.7



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: 48.151 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VX018047.D

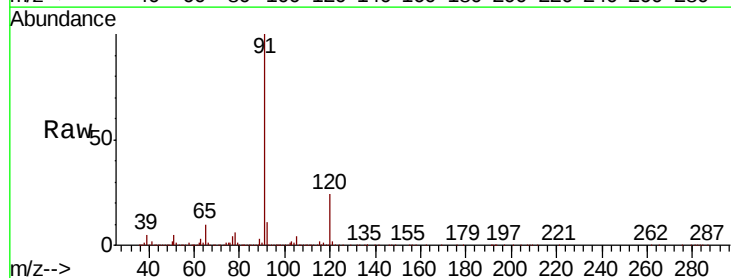
Acq: 20 Aug 2020 21:39

Tgt Ion: 91 Resp: 1791846

Ion Ratio Lower Upper

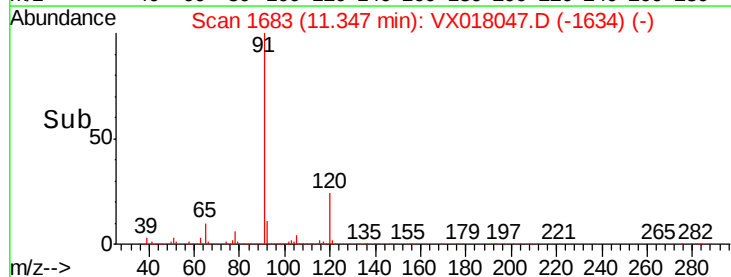
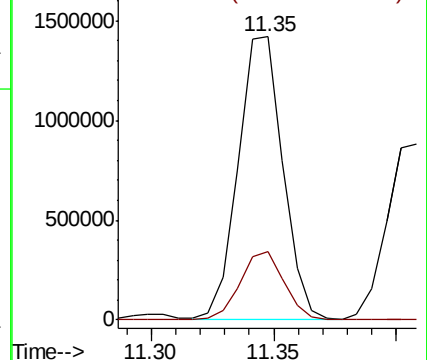
91 100

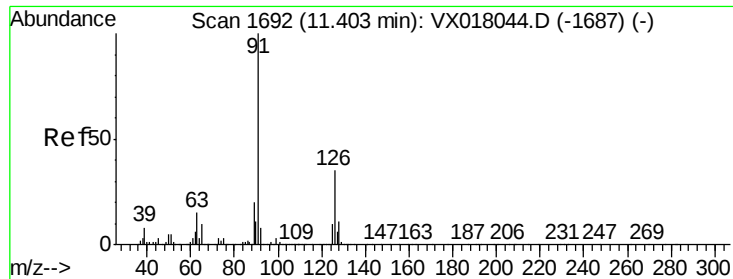
120 23.8 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.614 ug/l

RT: 11.41 min Scan# 1693

Delta R.T. 0.01 min

Lab File: VX018047.D

Acq: 20 Aug 2020 21:39

Instrument :

MSVOA_X

ClientSampleId :

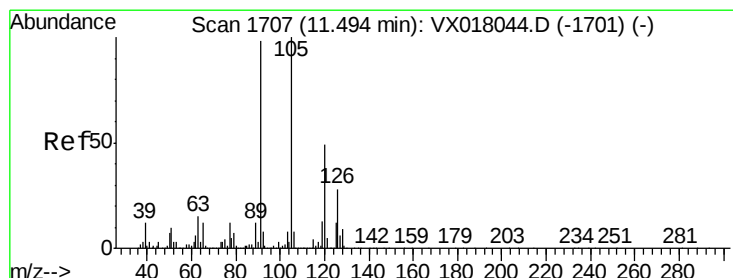
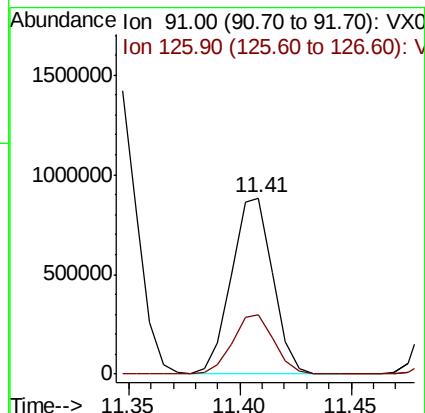
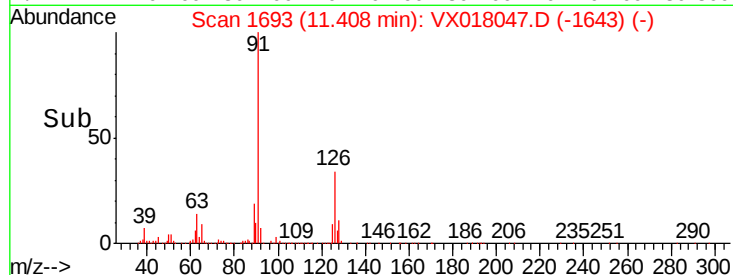
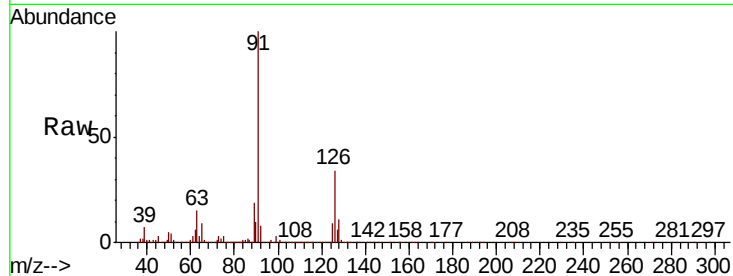
ICVVX082120

Tot Ion: 91 Resp: 1140677

Ion Ratio Lower Upper

91 100

126 34.0 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 51.114 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018047.D

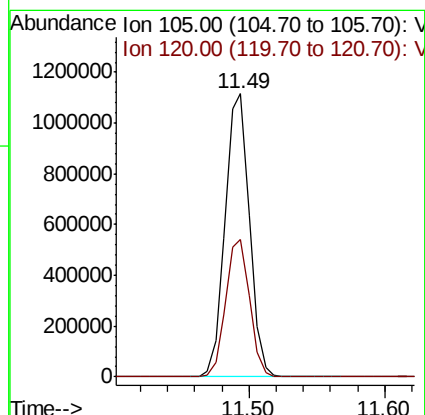
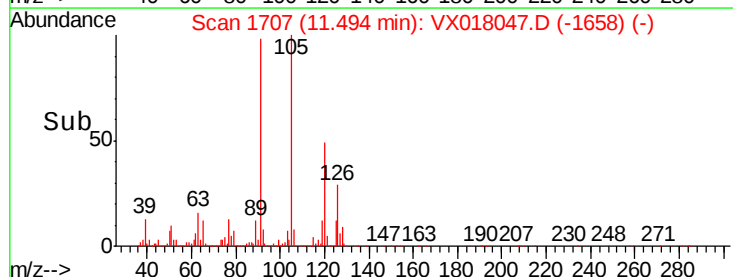
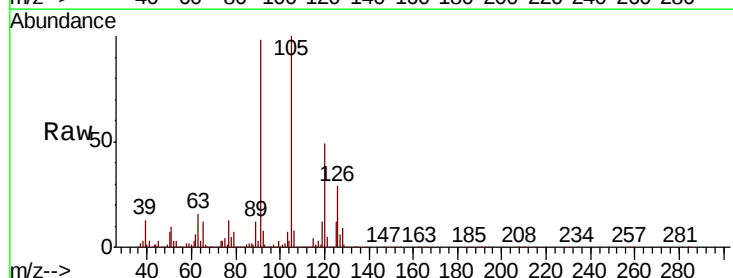
Acq: 20 Aug 2020 21:39

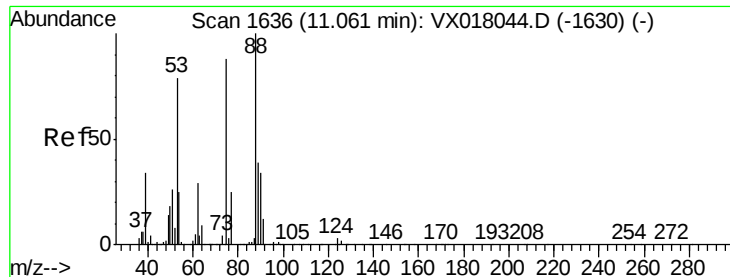
Tgt Ion:105 Resp: 1376597

Ion Ratio Lower Upper

105 100

120 47.9 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 47.921 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX018047.D

Acq: 20 Aug 2020 21:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX082120

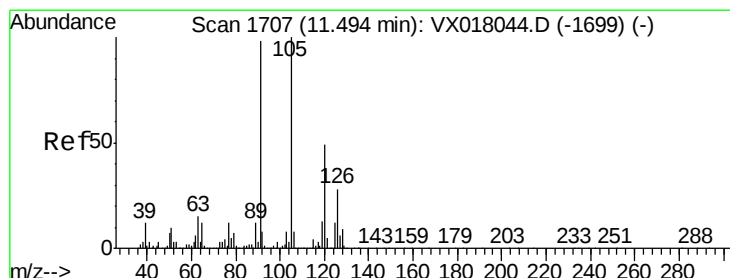
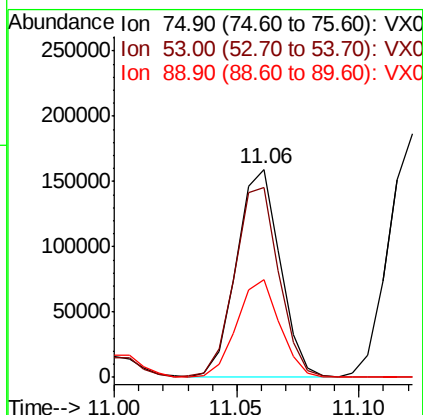
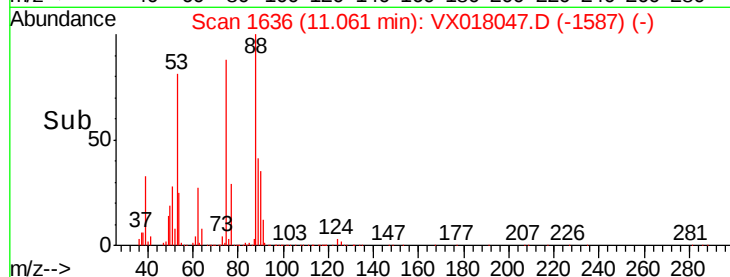
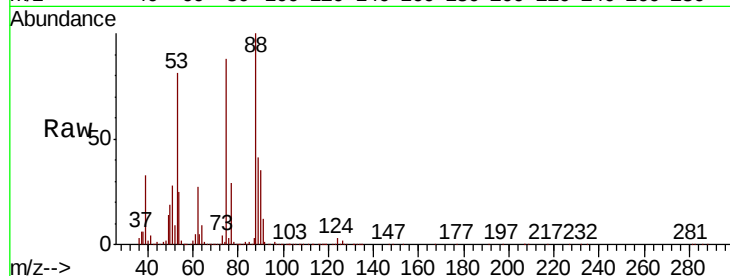
Tot Ion: 75 Resp: 196116

Ion Ratio Lower Upper

75 100

53 93.5 74.7 112.1

89 46.8 36.6 54.8



#82

4-Chlorotoluene

Concen: 48.782 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018047.D

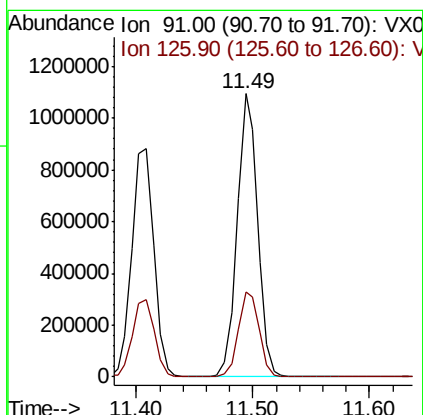
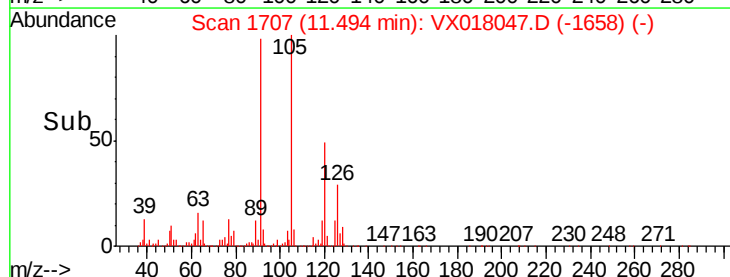
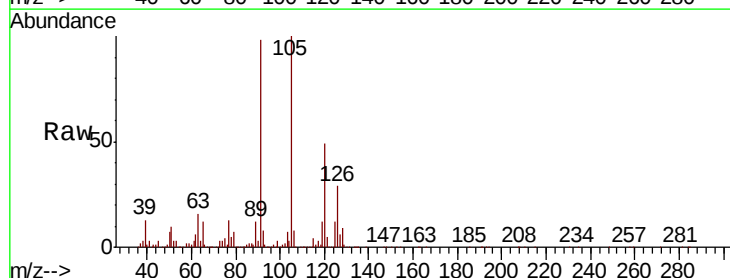
Acq: 20 Aug 2020 21:39

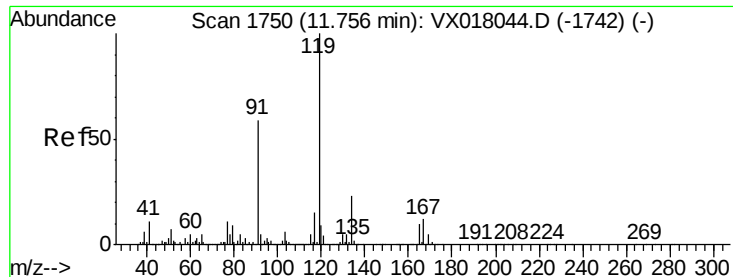
Tgt Ion: 91 Resp: 1333299

Ion Ratio Lower Upper

91 100

126 30.5 15.1 45.3





#83

tert-Butylbenzene

Concen: 48.967 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX018047.D

Acq: 20 Aug 2020 21:39

Instrument :

MSVOA_X

ClientSampled :

ICVVX082120

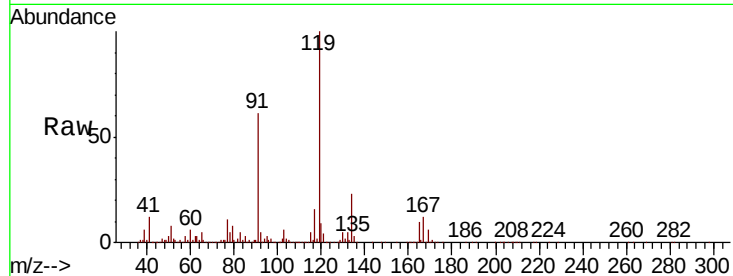
Tot Ion:119 Resp: 1301470

Ion Ratio Lower Upper

119 100

91 58.5 28.2 84.7

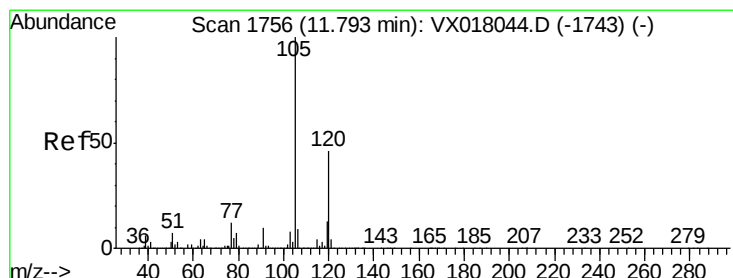
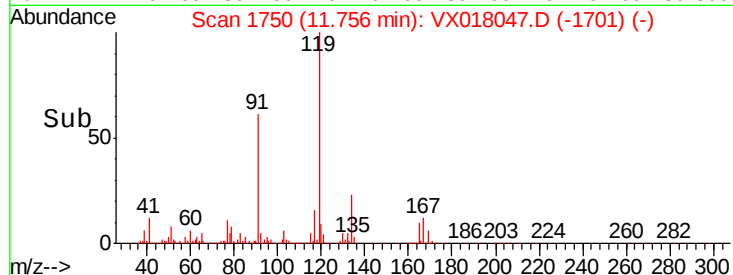
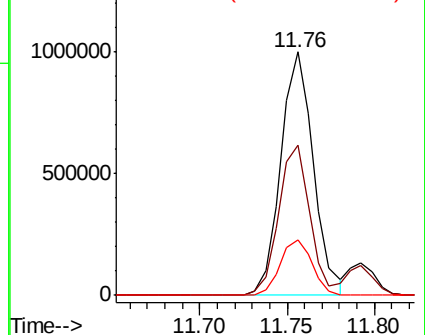
134 22.7 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 49.691 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX018047.D

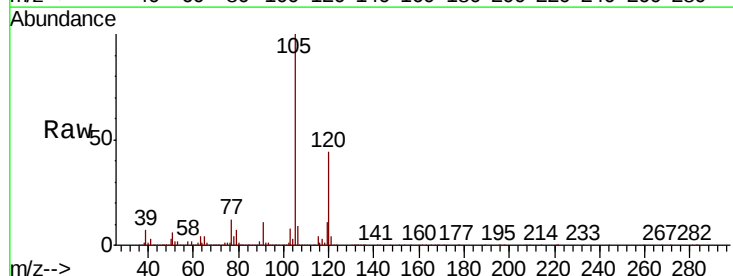
Acq: 20 Aug 2020 21:39

Tgt Ion:105 Resp: 1368241

Ion Ratio Lower Upper

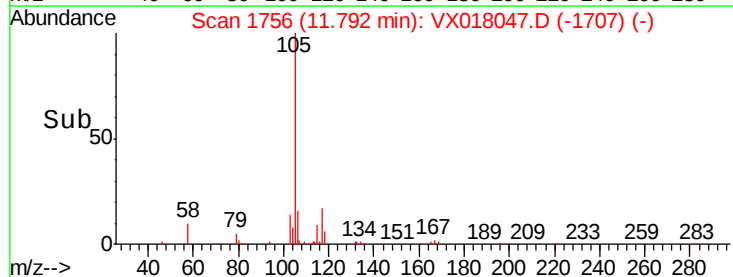
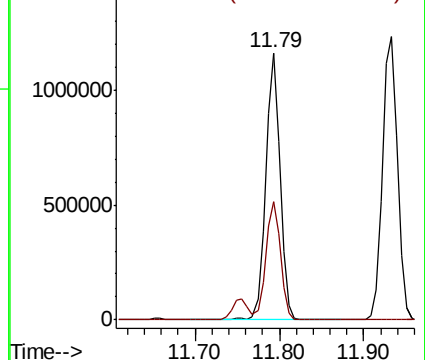
105 100

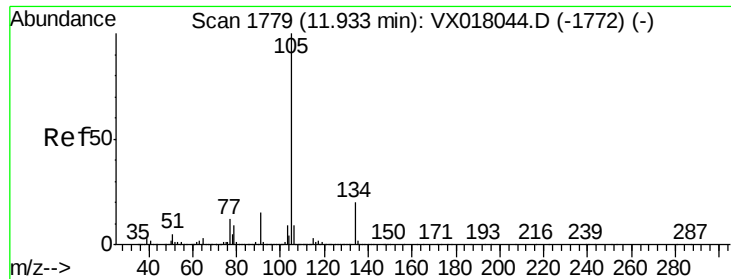
120 44.9 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

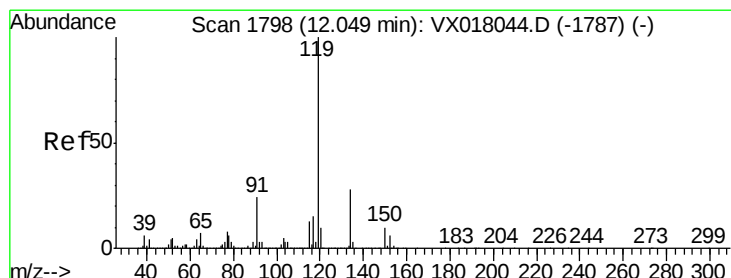
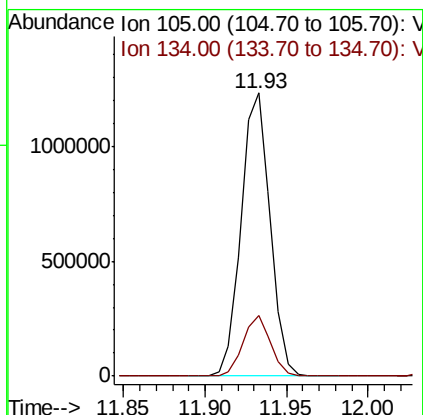
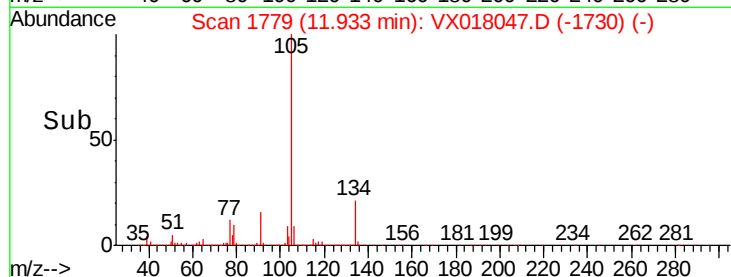
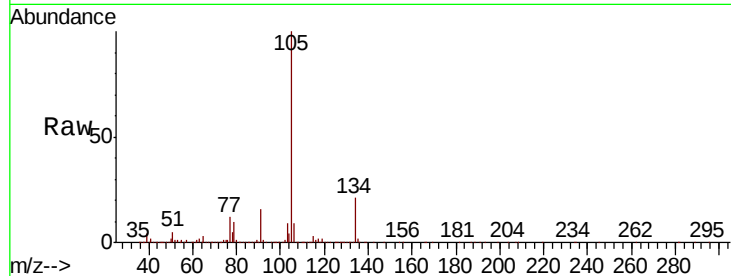




#85
 sec-Butylbenzene
 Concen: 50.326 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX018047.D
 Acq: 20 Aug 2020 21:39

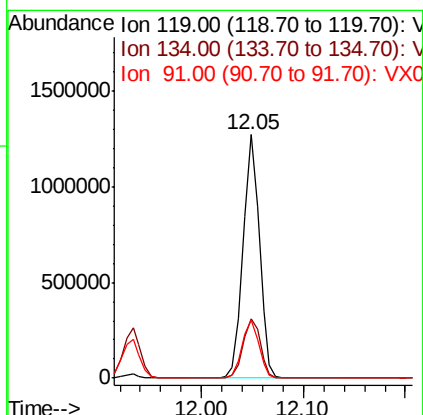
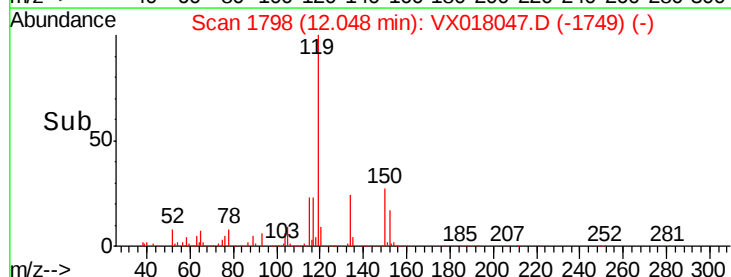
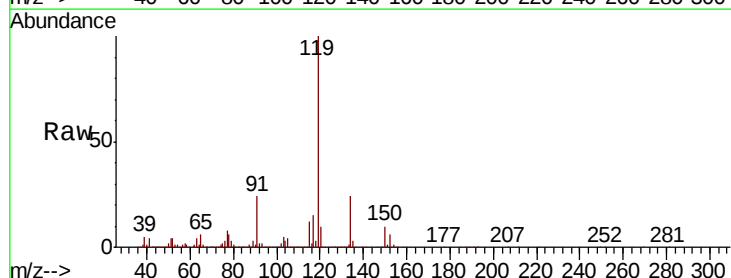
Instrument :
 MSVOA_X
 ClientSampled :
 ICVVX082120

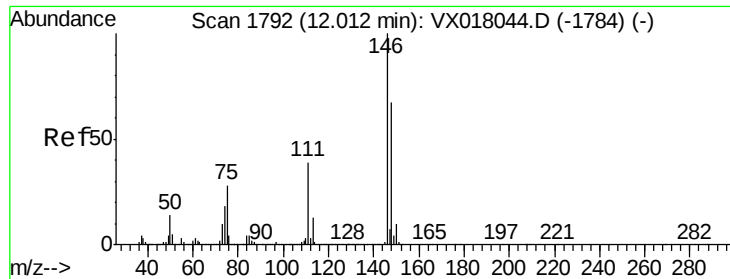
Tot Ion:105 Resp: 1521086
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 50.542 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX018047.D
 Acq: 20 Aug 2020 21:39

Tgt Ion:119 Resp: 1403219
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.2 39.5
 91 24.3 11.8 35.4

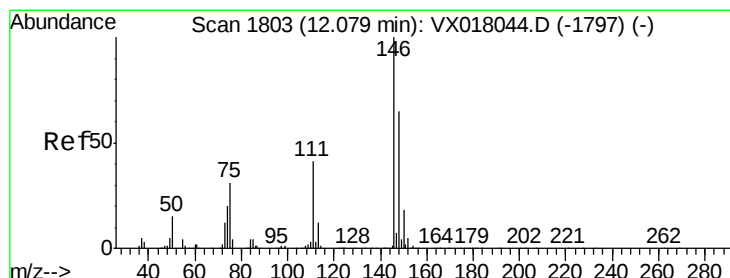
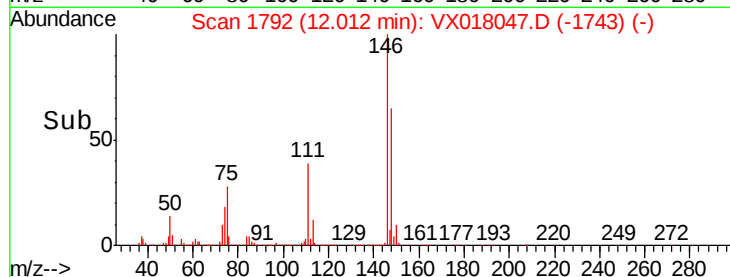
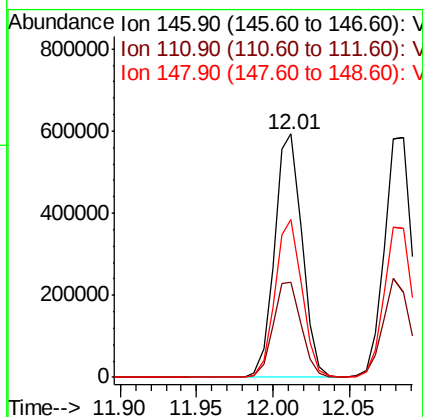
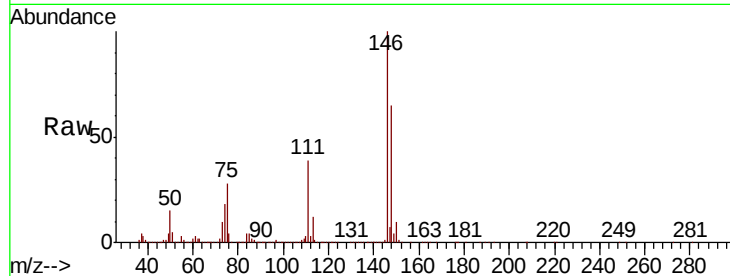




#87
 1,3-Dichlorobenzene
 Concen: 46.530 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX018047.D
 Acq: 20 Aug 2020 21:39

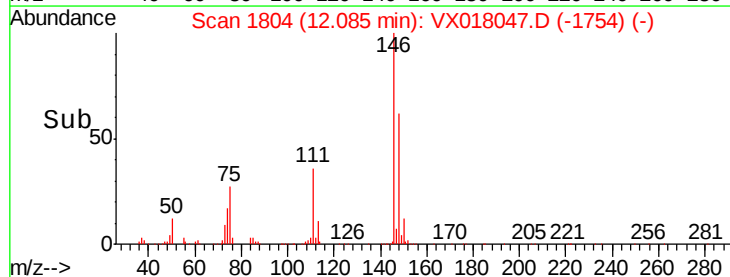
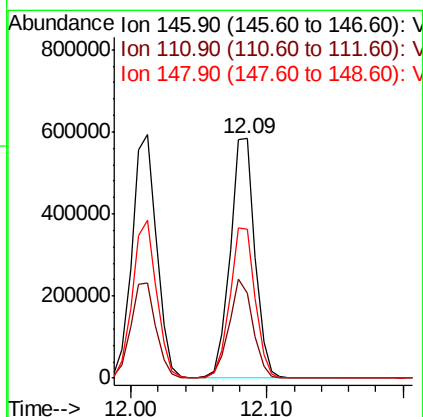
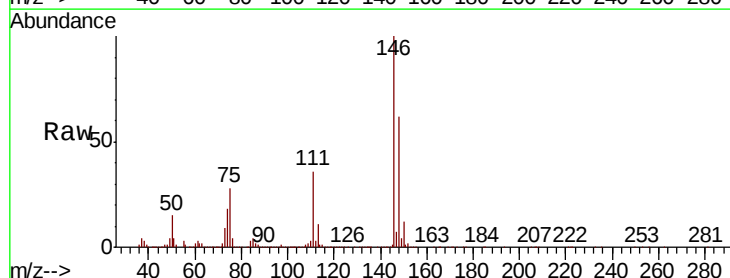
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX082120

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.6	61.8
148	63.6	33.1	99.2



#88
 1,4-Dichlorobenzene
 Concen: 46.046 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. 0.01 min
 Lab File: VX018047.D
 Acq: 20 Aug 2020 21:39

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.3	60.8
148	63.9	33.1	99.2



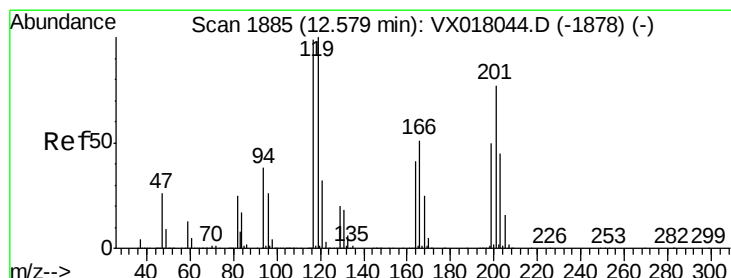
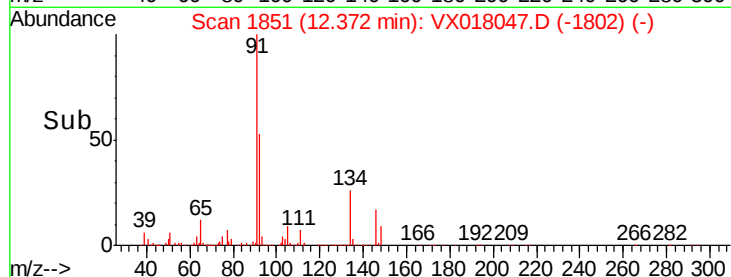
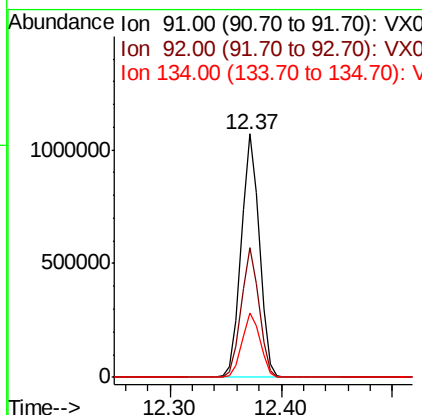
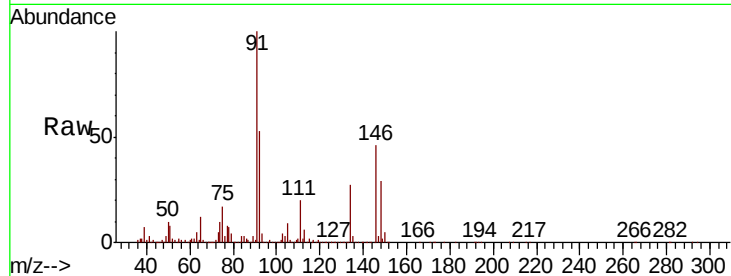


#89
n-Butylbenzene
Concen: 47.658 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018047.D
Acq: 20 Aug 2020 21:39

Instrument :
MSVOA_X
ClientSampled :
ICVVX082120

Tot Ion: 91 Resp: 1207662

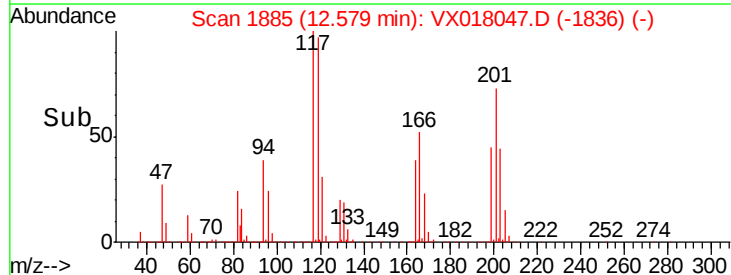
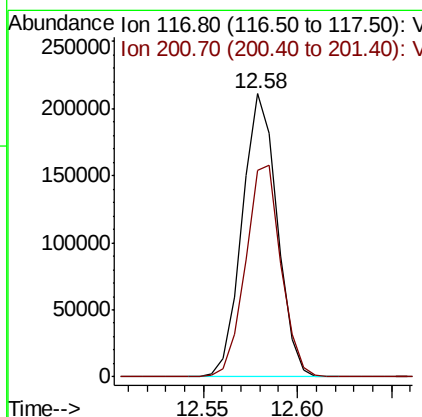
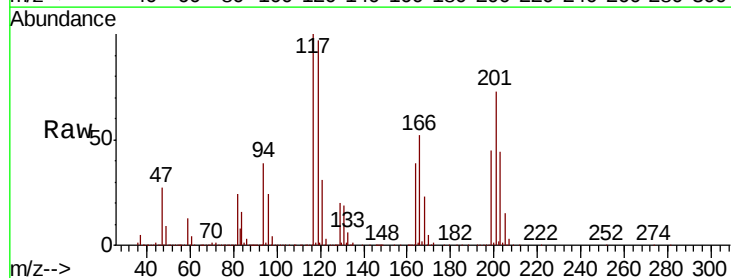
Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.4	79.2
134	26.7	12.9	38.7

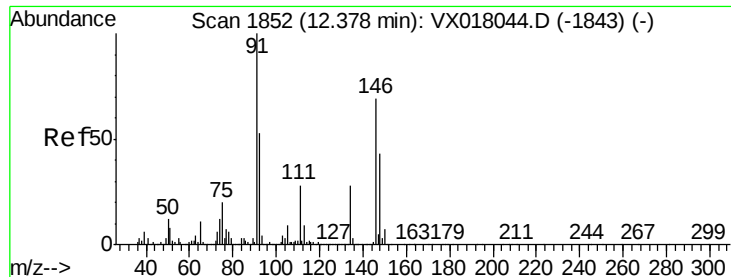


#90
Hexachloroethane
Concen: 49.738 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018047.D
Acq: 20 Aug 2020 21:39

Tgt Ion: 117 Resp: 271685

Ion	Ratio	Lower	Upper
117	100		
201	76.0	38.5	115.3





#91

1,2-Dichlorobenzene

Concen: 45.874 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX018047.D

Acq: 20 Aug 2020 21:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX082120

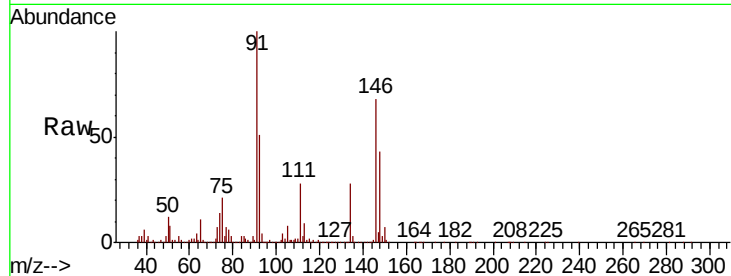
Tot Ion:146 Resp: 686843

Ion Ratio Lower Upper

146 100

111 42.7 20.8 62.5

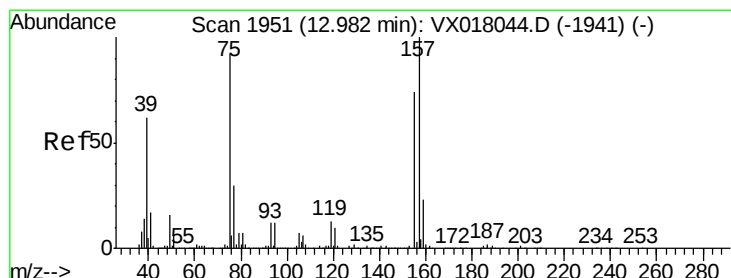
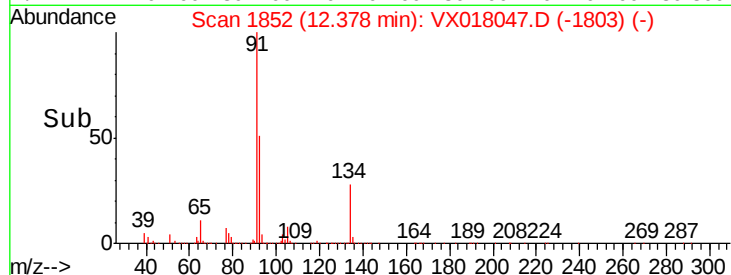
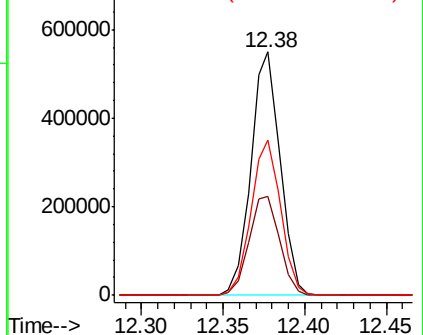
148 64.4 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.295 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX018047.D

Acq: 20 Aug 2020 21:39

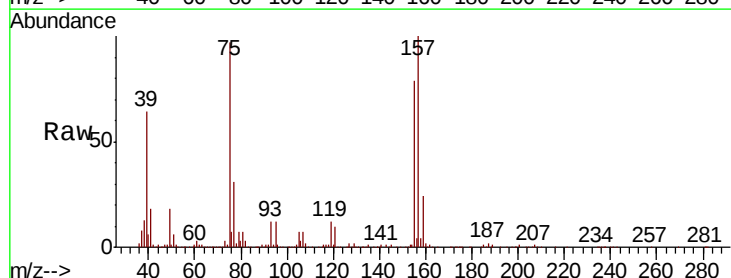
Tgt Ion: 75 Resp: 133831

Ion Ratio Lower Upper

75 100

155 82.3 40.2 120.6

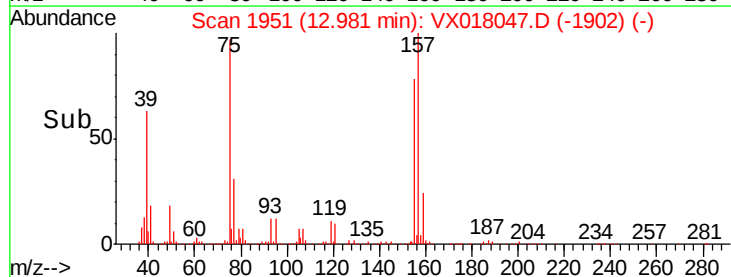
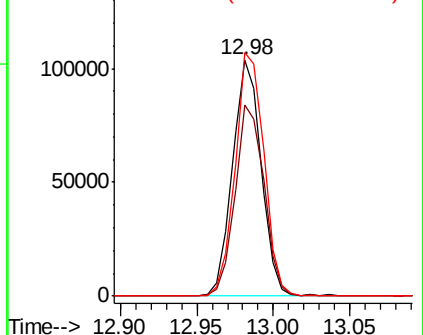
157 104.3 55.0 165.2

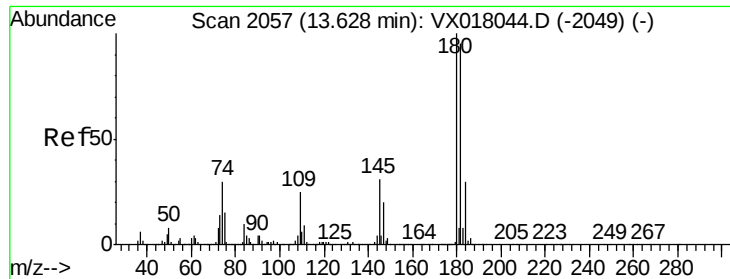


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

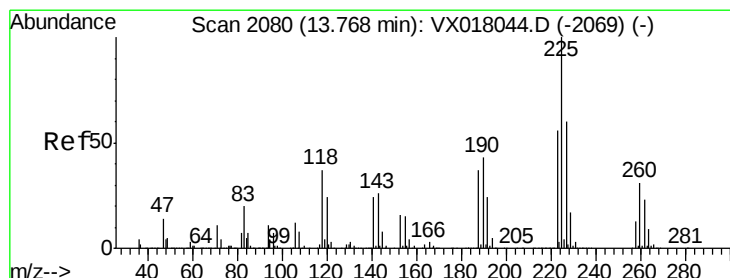
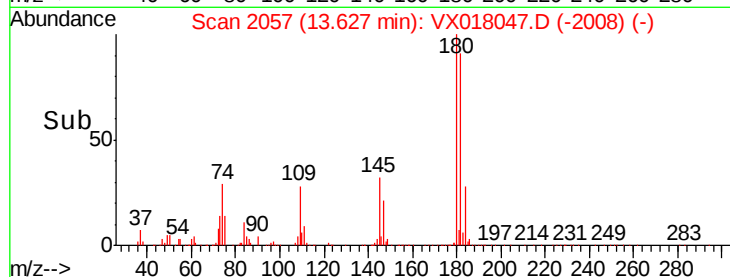
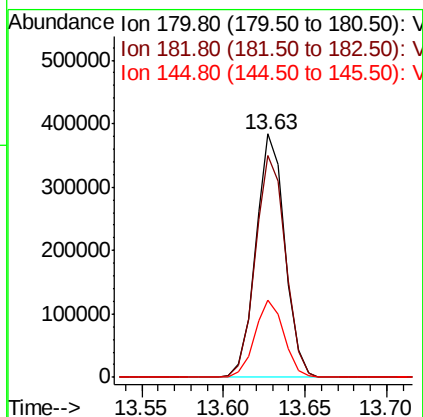
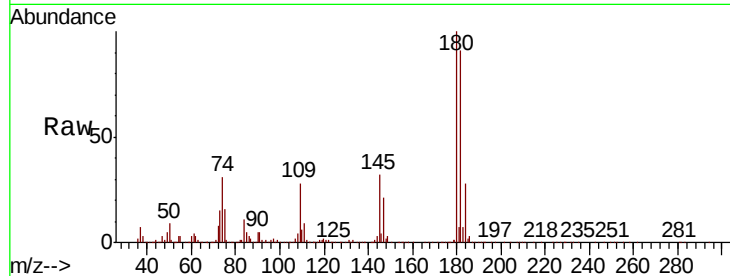




#93
 1,2,4-Trichlorobenzene
 Concen: 47.316 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018047.D
 Acq: 20 Aug 2020 21:39

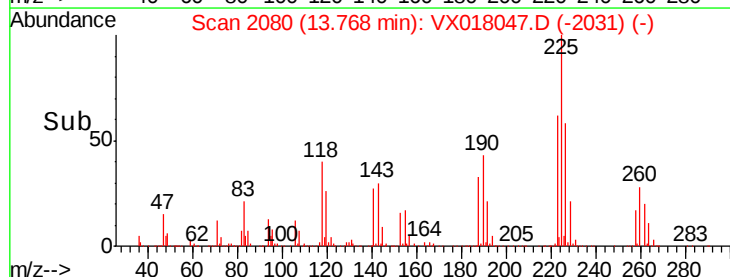
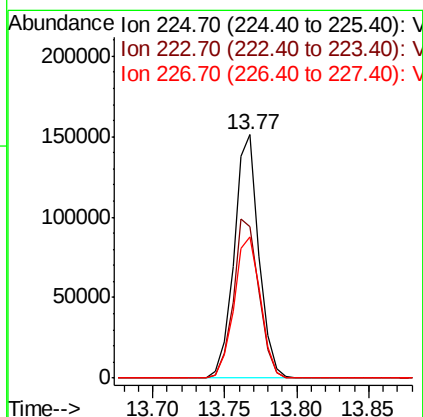
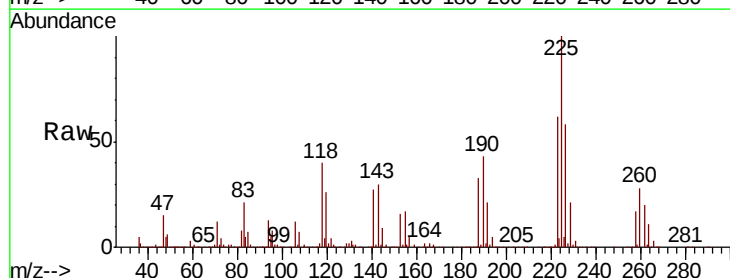
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX082120

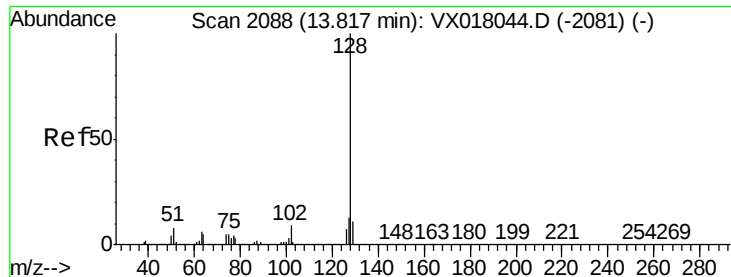
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.5	142.6
145	31.8	15.7	47.1



#94
 Hexachlorobutadiene
 Concen: 46.054 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX018047.D
 Acq: 20 Aug 2020 21:39

Tgt Ion	Ratio	Lower	Upper
225	100		
223	67.3	30.7	92.1
227	62.0	32.6	97.8

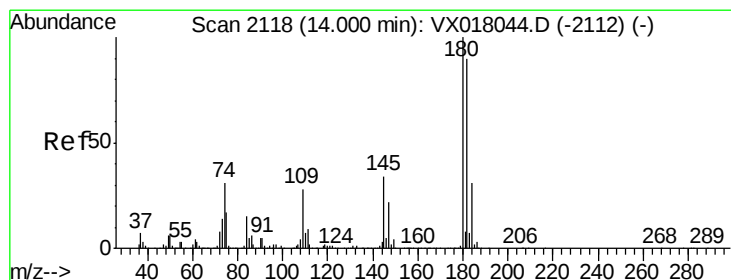
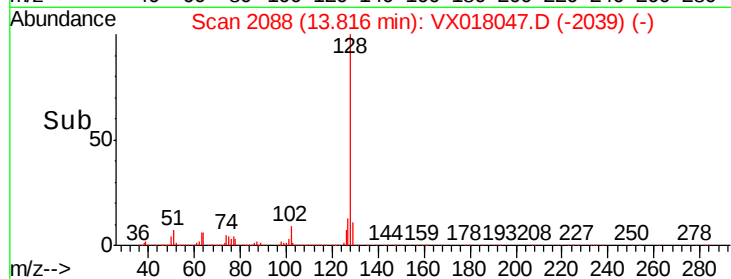
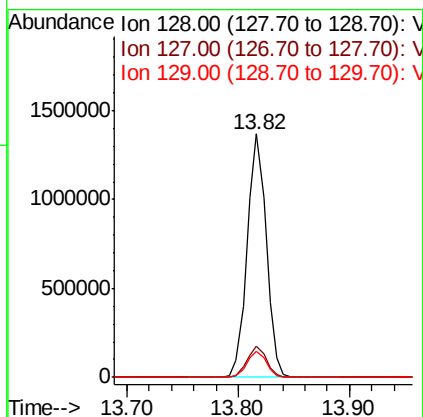
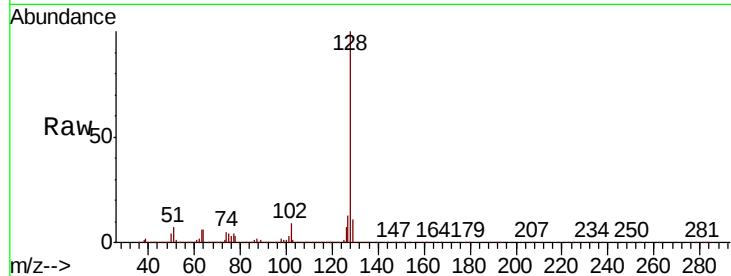




#95
Naphthalene
Concen: 49.681 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX018047.D
Acq: 20 Aug 2020 21:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX082120

Tot Ion:128 Resp: 1632413
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 47.548 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX018047.D
Acq: 20 Aug 2020 21:39

Tgt Ion:180 Resp: 469069
Ion Ratio Lower Upper
180 100
182 96.2 47.3 142.0
145 33.7 17.5 52.6

