

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072221\
 Data File : VX023383.D
 Acq On : 22 Jul 2021 18:59
 Operator : JC/MD
 Sample : M3118-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 20210588-SPLP-AMENDED-COM-2

Quant Time: Jul 23 06:09:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

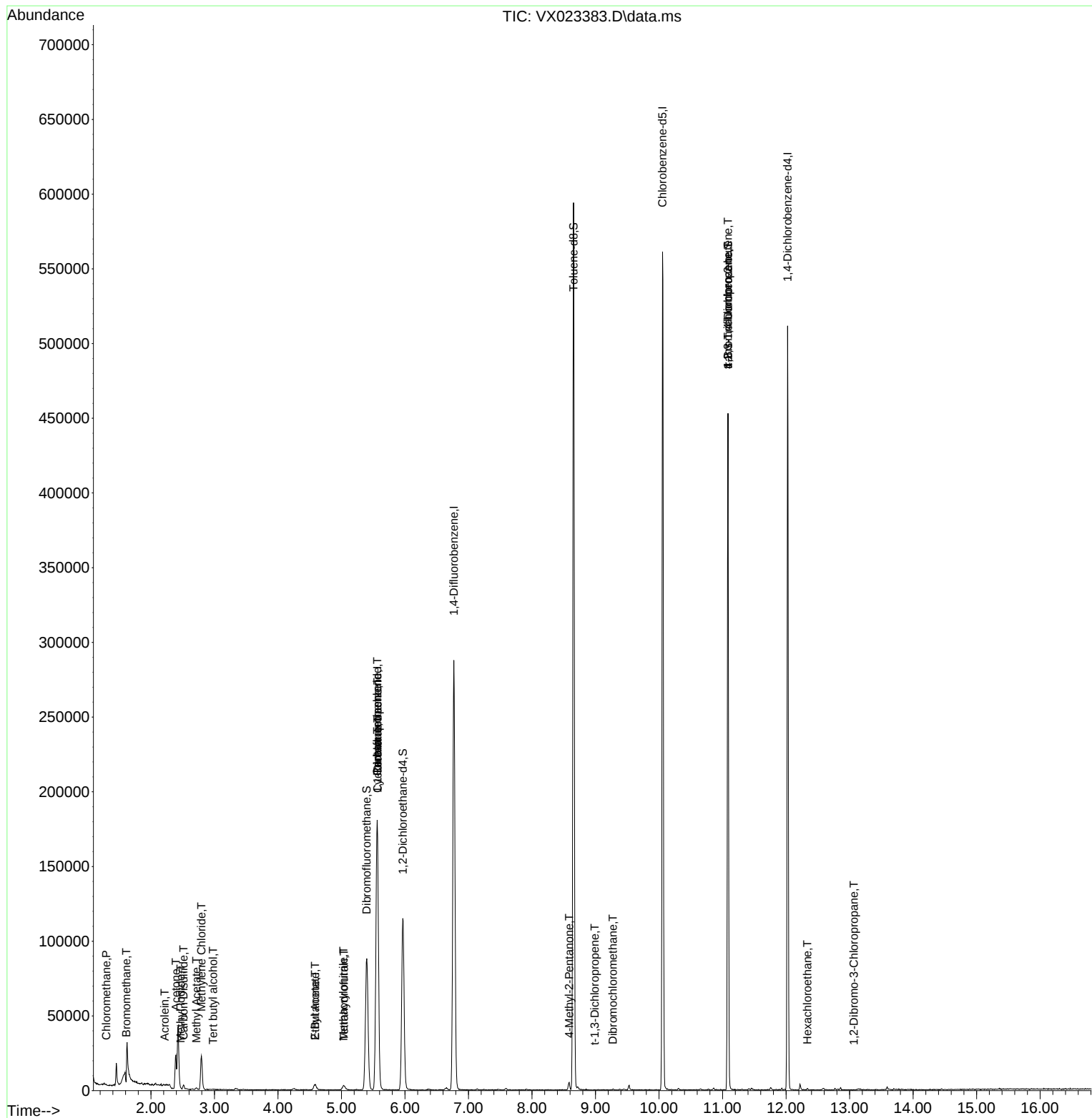
Internal Standards						
1) Pentafluorobenzene	5.562	168	175481	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	290564	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	256360	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103261	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	111044	50.729	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.460%			
35) Dibromofluoromethane	5.397	113	76974	42.369	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 84.740%			
50) Toluene-d8	8.652	98	347619	52.080	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.160%			
62) 4-Bromofluorobenzene	11.085	95	112564	49.595	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.180%			
Target Compounds						Qvalue
3) Chloromethane	1.294	50	558	0.297	ug/l #	81
5) Bromomethane	1.611	94	820	0.726	ug/l #	77
10) Methyl Iodide	2.465	142	441	0.203	ug/l #	67
11) Tert butyl alcohol	2.977	59	305	0.610	ug/l #	93
13) Acrolein	2.215	56	98	1.747	ug/l #	78
16) Acetone	2.391	43	23795	22.160	ug/l	95
17) Carbon Disulfide	2.513	76	3486	0.820	ug/l	98
18) Methyl Acetate	2.715	43	1427	0.559	ug/l #	87
20) Methylene Chloride	2.794	84	10070	4.821	ug/l #	79
25) 2-Butanone	4.586	43	6322	3.792	ug/l	91
29) Tetrahydrofuran	5.037	42	2888	2.643	ug/l	88
31) Cyclohexane	5.568	56	3621	1.117	ug/l #	51
36) 1,1-Dichloropropene	5.568	75	13213	5.027	ug/l #	50
37) Ethyl Acetate	4.586	43	6322	1.908	ug/l #	64
38) Carbon Tetrachloride	5.562	117	17215	6.440	ug/l #	18
41) Methacrylonitrile	5.031	41	1941	1.109	ug/l #	43
51) 4-Methyl-2-Pentanone	8.585	43	3317	1.056	ug/l #	86
53) t-1,3-Dichloropropene	8.988	75	45	1.830	ug/l #	44
60) Dibromochloromethane	9.274	129	66	2.012	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	57367	25.246	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	57367	67.883	ug/l #	12
90) Hexachloroethane	12.335	117	23	1.918	ug/l #	9
92) 1,2-Dibromo-3-Chloropr...	13.066	75	47	2.192	ug/l #	1

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

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Quant Title : SW846 8260
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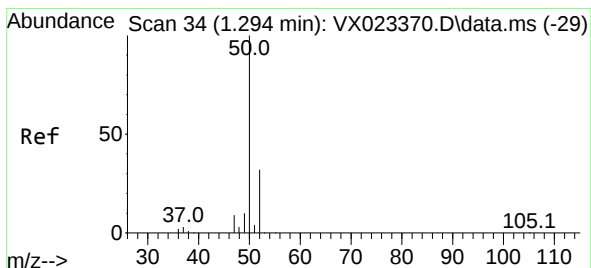
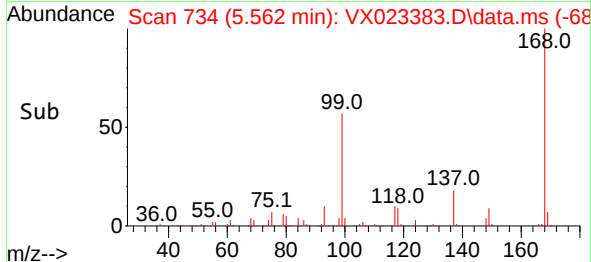
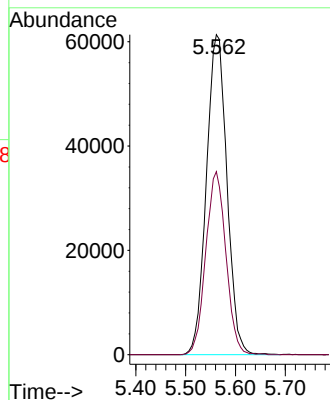
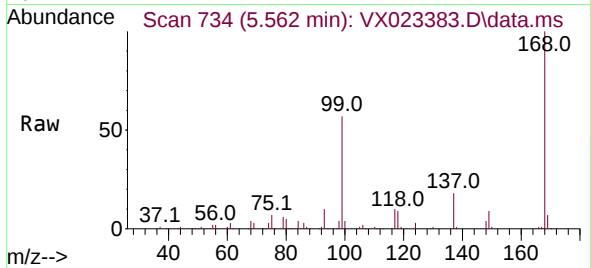




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023383.D
Acq: 22 Jul 2021 18:59

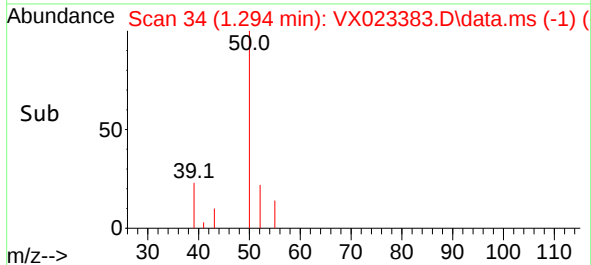
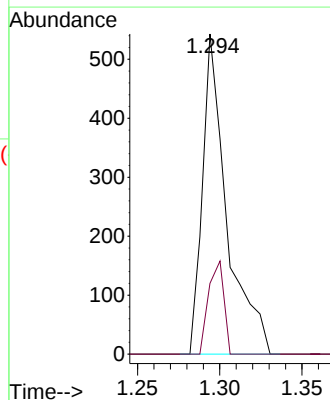
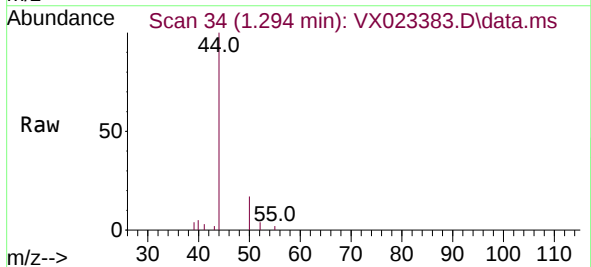
Instrument :
MSVOA_X
ClientSampleId :
20210588-SPLP-AMENDED-COM-2

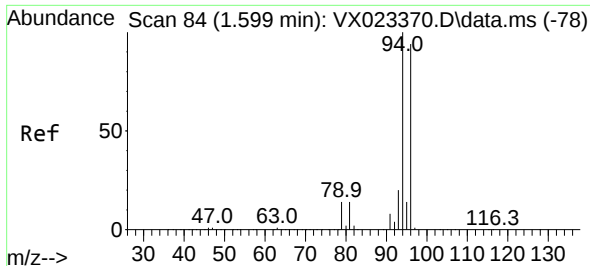
Tgt Ion:168 Resp: 175481
Ion Ratio Lower Upper
168 100
99 57.2 45.8 68.6



#3
Chloromethane
Concen: 0.297 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX023383.D
Acq: 22 Jul 2021 18:59

Tgt Ion: 50 Resp: 558
Ion Ratio Lower Upper
50 100
52 22.1 26.4 39.6#

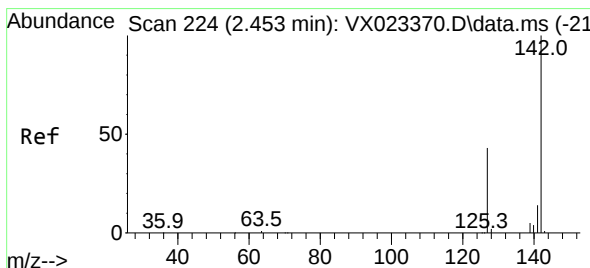
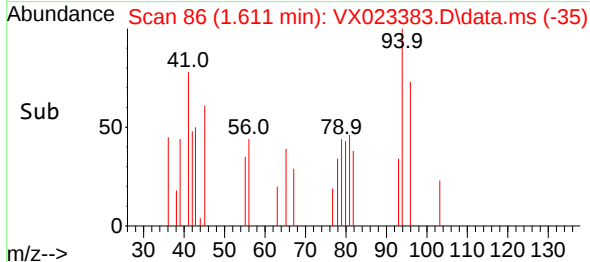
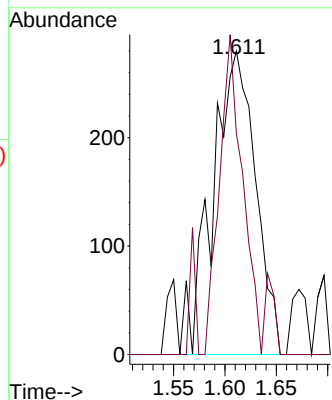
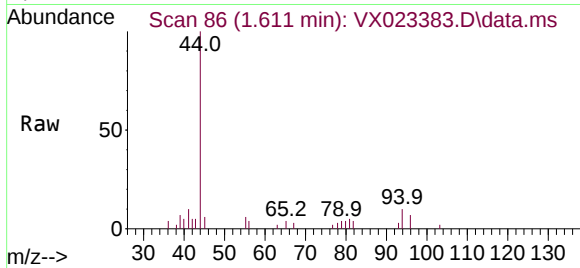




#5
Bromomethane
Concen: 0.726 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX023383.D
Acq: 22 Jul 2021 18:59

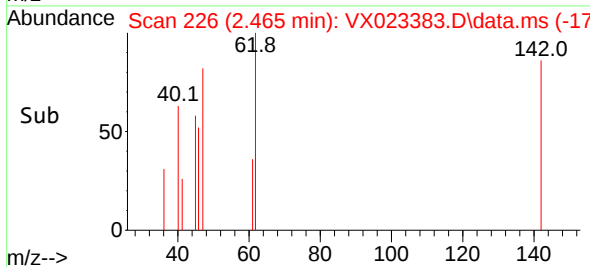
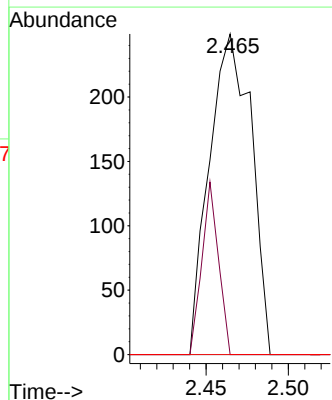
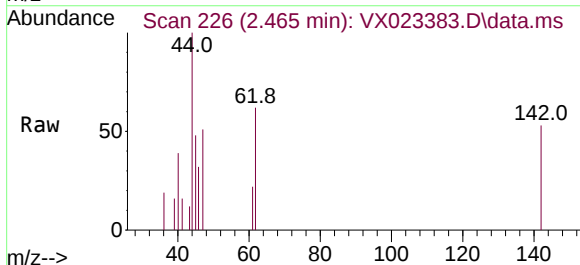
Instrument :
MSVOA_X
ClientSampleId :
20210588-SPLP-AMENDED-COM-2

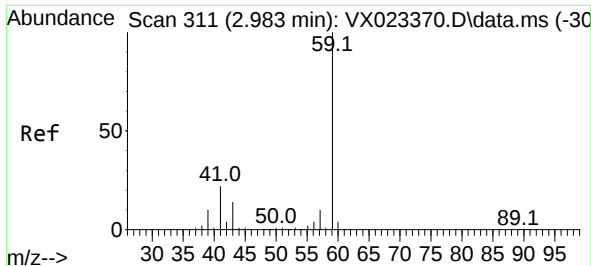
Tgt Ion: 94 Resp: 820
Ion Ratio Lower Upper
94 100
96 72.9 76.4 114.6#



#10
Methyl Iodide
Concen: 0.203 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX023383.D
Acq: 22 Jul 2021 18:59

Tgt Ion:142 Resp: 441
Ion Ratio Lower Upper
142 100
127 21.3 33.3 49.9#
141 0.0 11.4 17.0#



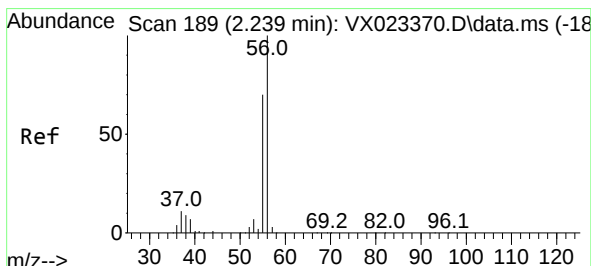
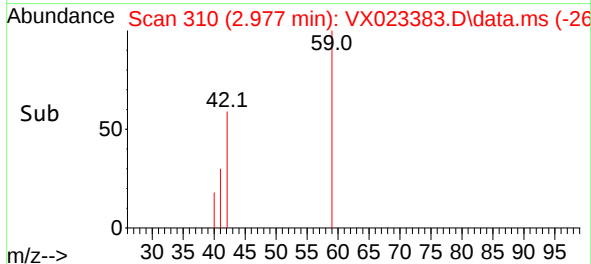
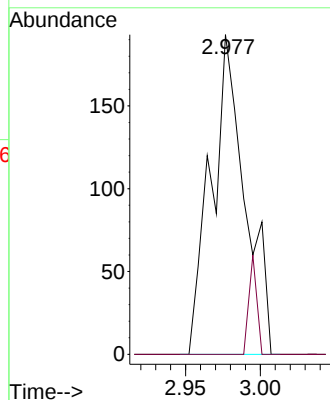
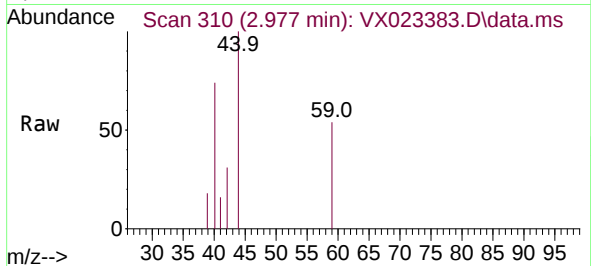


#11

Tert butyl alcohol
Concen: 0.610 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.006 min
Lab File: VX023383.D
Acq: 22 Jul 2021 18:59

Instrument :
MSVOA_X
ClientSampleId :
20210588-SPLP-AMENDED-COM-2

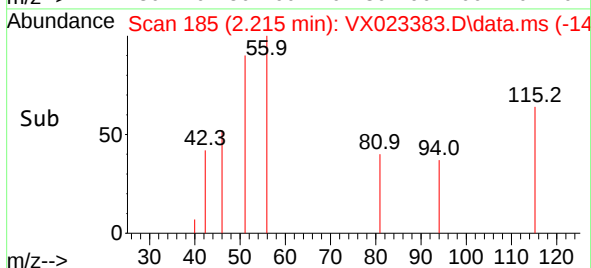
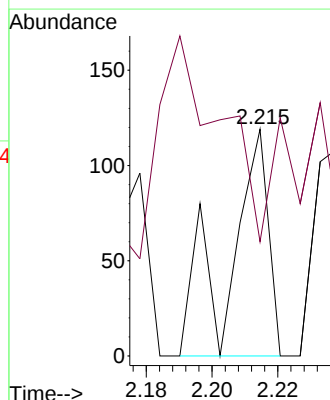
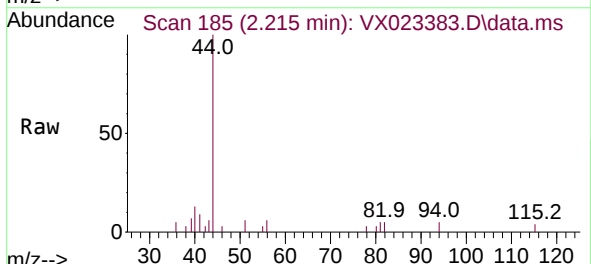
Tgt Ion: 59 Resp: 305
Ion Ratio Lower Upper
59 100
57 7.2 7.8 11.8#

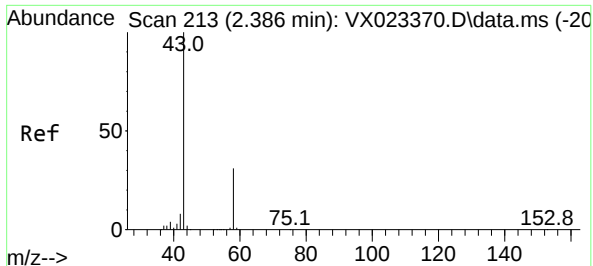


#13

Acrolein
Concen: 1.747 ug/l
RT: 2.215 min Scan# 185
Delta R.T. -0.024 min
Lab File: VX023383.D
Acq: 22 Jul 2021 18:59

Tgt Ion: 56 Resp: 98
Ion Ratio Lower Upper
56 100
55 88.8 56.4 84.6#

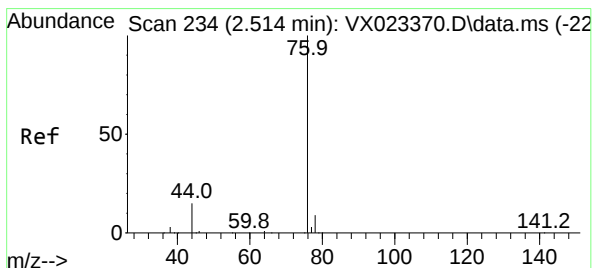
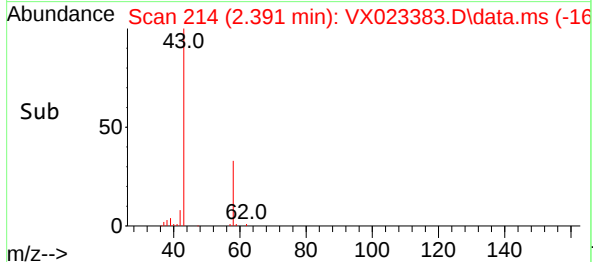
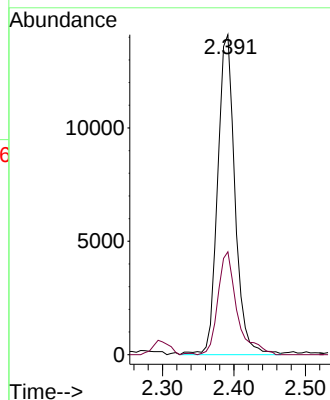
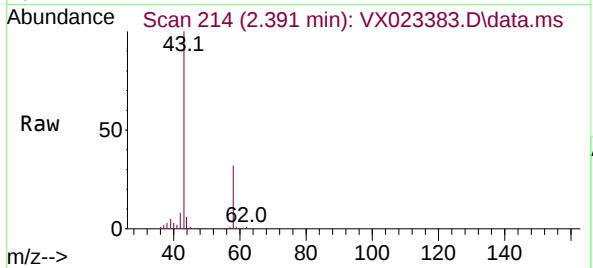




#16
Acetone
Concen: 22.160 ug/l
RT: 2.391 min Scan# 214
Delta R.T. 0.005 min
Lab File: VX023383.D
Acq: 22 Jul 2021 18:59

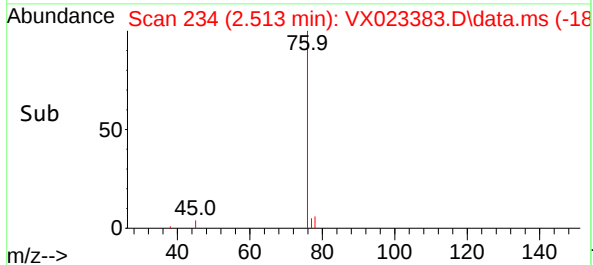
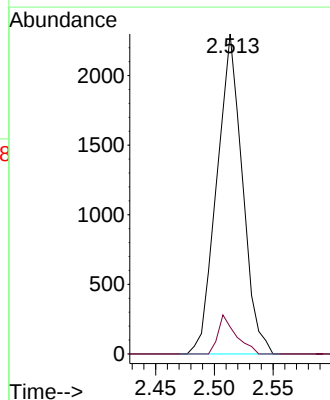
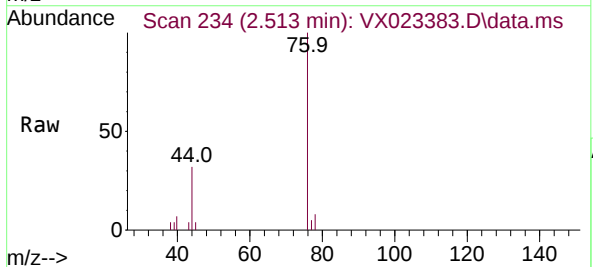
Instrument :
MSVOA_X
ClientSampleId :
20210588-SPLP-AMENDED-COM-2

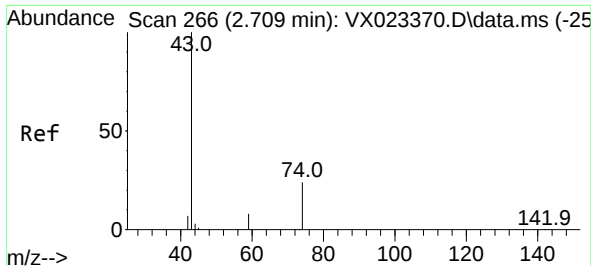
Tgt Ion: 43 Resp: 23795
Ion Ratio Lower Upper
43 100
58 32.2 27.8 41.8



#17
Carbon Disulfide
Concen: 0.820 ug/l
RT: 2.513 min Scan# 234
Delta R.T. -0.001 min
Lab File: VX023383.D
Acq: 22 Jul 2021 18:59

Tgt Ion: 76 Resp: 3486
Ion Ratio Lower Upper
76 100
78 8.4 7.2 10.8

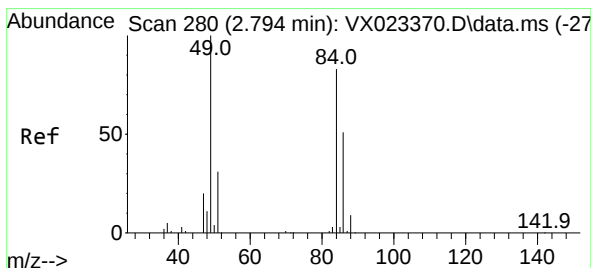
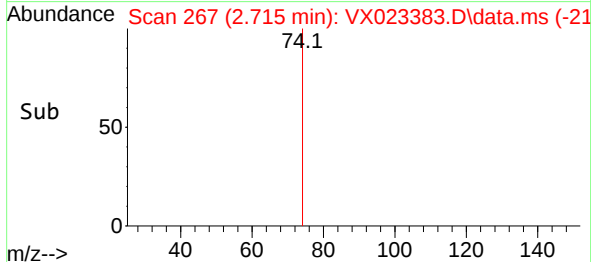
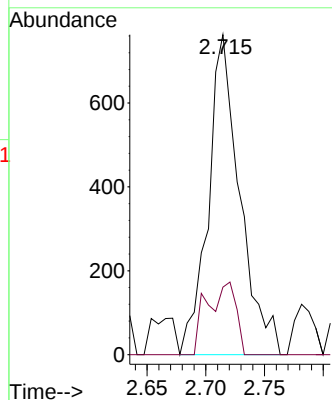
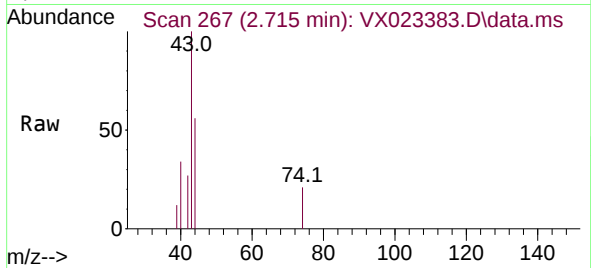




#18
Methyl Acetate
Concen: 0.559 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX023383.D
Acq: 22 Jul 2021 18:59

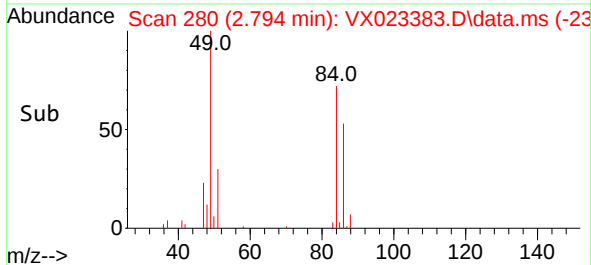
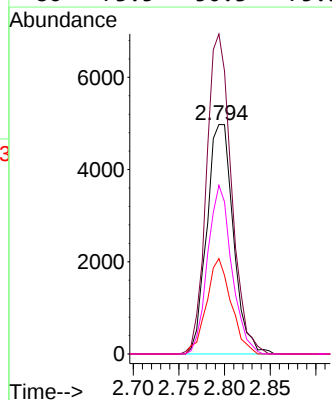
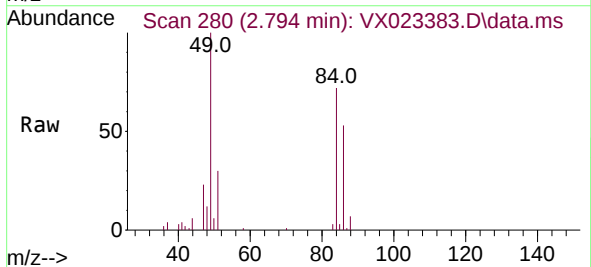
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20210588-SPLP-AMENDED-COM-2

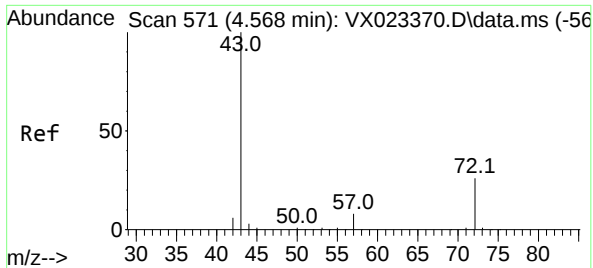
Tgt Ion: 43 Resp: 1427
Ion Ratio Lower Upper
43 100
74 20.7 21.9 32.9#



#20
Methylene Chloride
Concen: 4.821 ug/l
RT: 2.794 min Scan# 280
Delta R.T. -0.000 min
Lab File: VX023383.D
Acq: 22 Jul 2021 18:59

Tgt Ion: 84 Resp: 10070
Ion Ratio Lower Upper
84 100
49 139.4 88.6 132.8#
51 41.5 27.0 40.6#
86 73.5 50.3 75.5





#25

2-Butanone

Concen: 3.792 ug/l

RT: 4.586 min Scan# 574

Delta R.T. 0.018 min

Lab File: VX023383.D

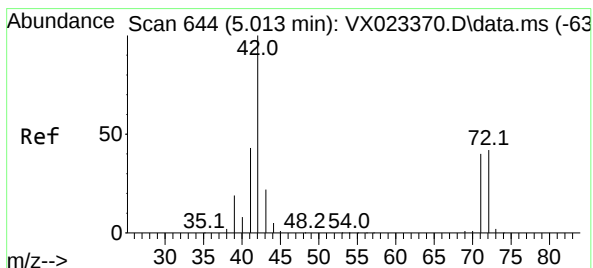
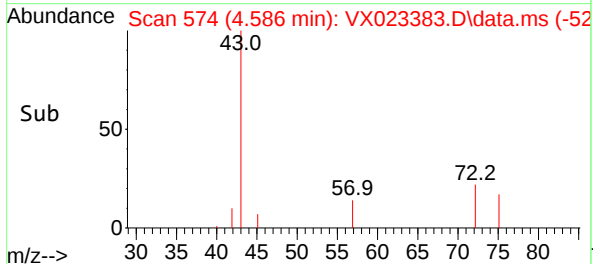
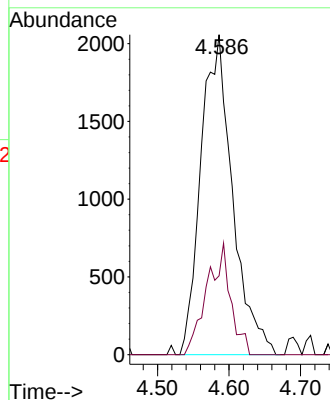
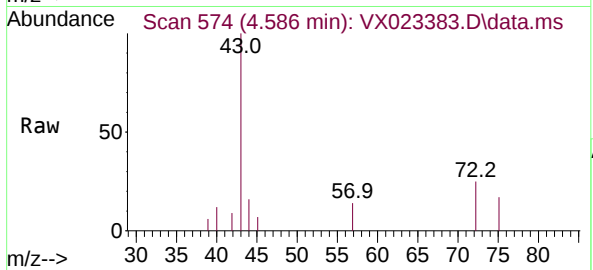
Acq: 22 Jul 2021 18:59

Tgt Ion: 43 Resp: 6322

Ion Ratio Lower Upper

43 100

72 24.6 23.7 35.5



#29

Tetrahydrofuran

Concen: 2.643 ug/l

RT: 5.037 min Scan# 648

Delta R.T. 0.024 min

Lab File: VX023383.D

Acq: 22 Jul 2021 18:59

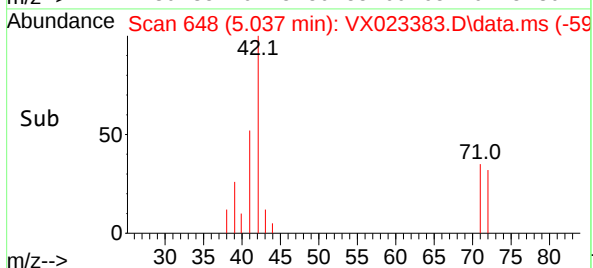
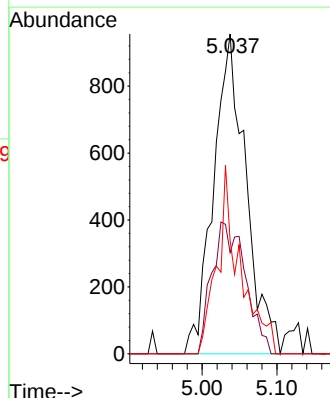
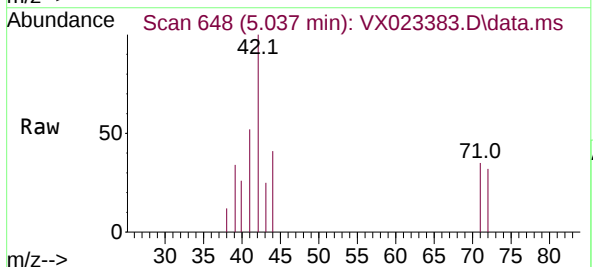
Tgt Ion: 42 Resp: 2888

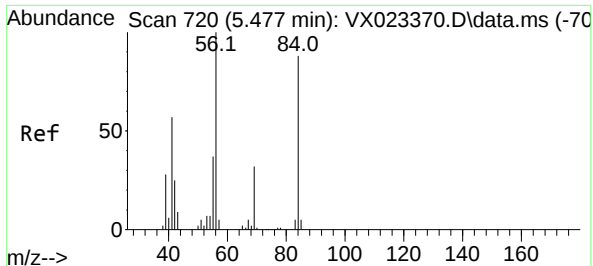
Ion Ratio Lower Upper

42 100

72 42.5 41.7 62.5

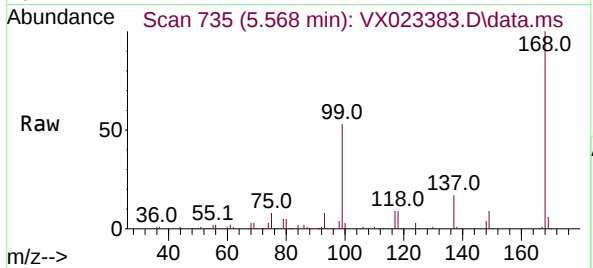
71 41.4 38.4 57.6



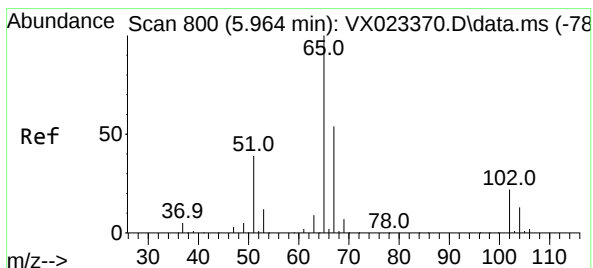
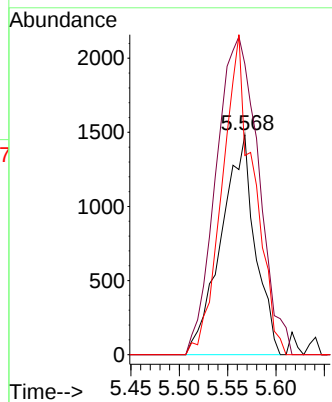
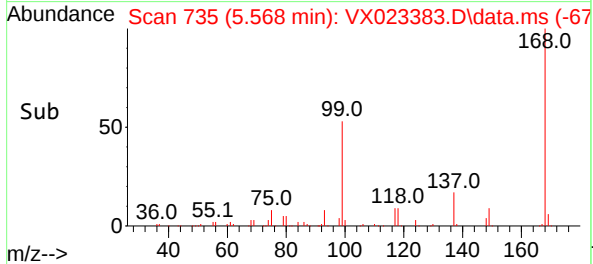


#31
Cyclohexane
Concen: 1.117 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.091 min
Lab File: VX023383.D
Acq: 22 Jul 2021 18:59

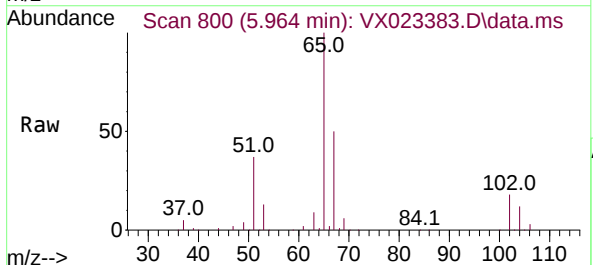
Instrument :
MSVOA_X
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20210588-SPLP-AMENDED-COM-2



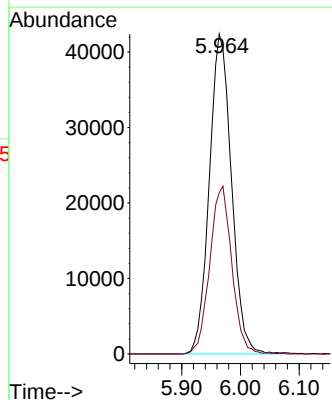
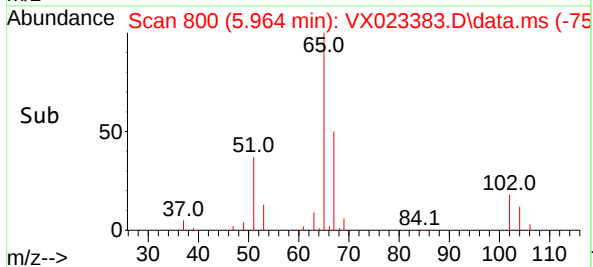
Tgt Ion: 56 Resp: 3621
Ion Ratio Lower Upper
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69 132.3 25.3 37.9#
84 90.6 71.4 107.0

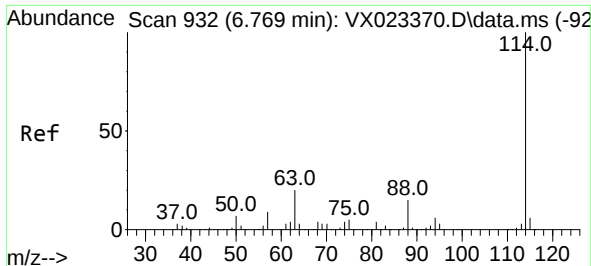


#33
1,2-Dichloroethane-d4
Concen: 50.729 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX023383.D
Acq: 22 Jul 2021 18:59



Tgt Ion: 65 Resp: 111044
Ion Ratio Lower Upper
65 100
67 52.2 0.0 105.4

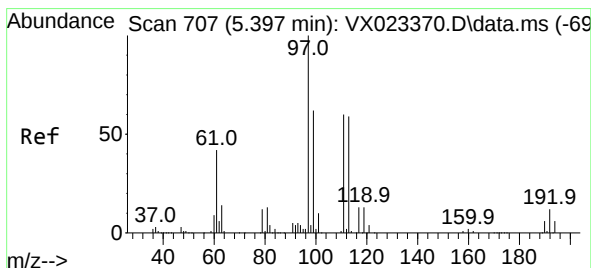
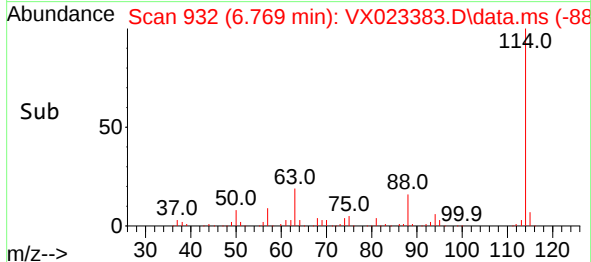
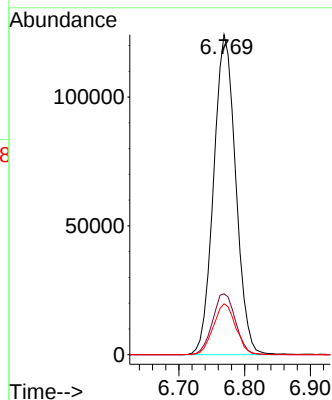
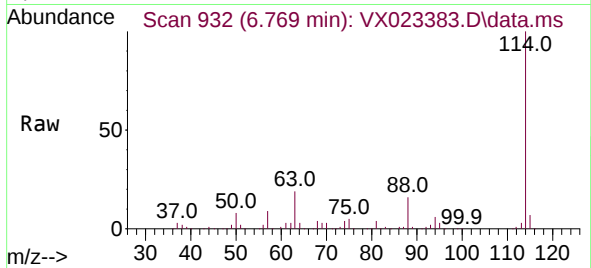




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023383.D
Acq: 22 Jul 2021 18:59

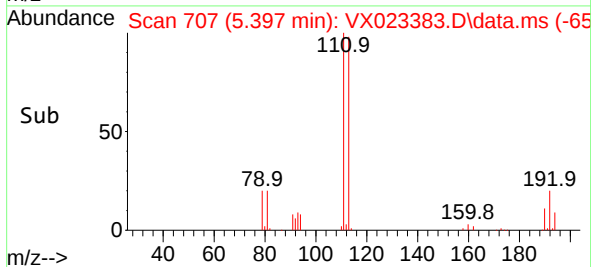
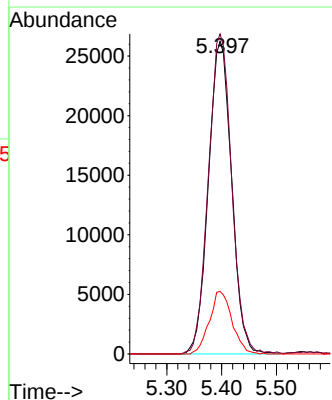
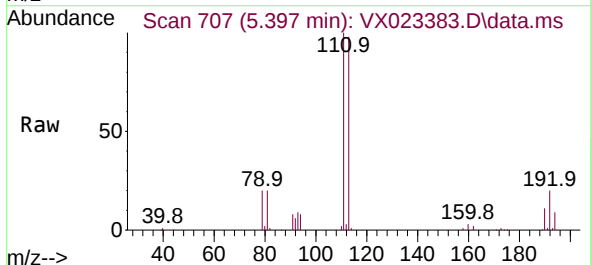
Instrument :
MSVOA_X
ClientSampleId :
20210588-SPLP-AMENDED-COM-2

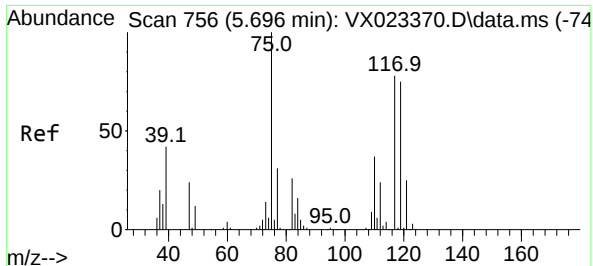
Tgt Ion:114 Resp: 290564
Ion Ratio Lower Upper
114 100
63 19.0 0.0 40.8
88 15.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 42.369 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX023383.D
Acq: 22 Jul 2021 18:59

Tgt Ion:113 Resp: 76974
Ion Ratio Lower Upper
113 100
111 102.8 81.9 122.9
192 19.6 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.027 ug/l

RT: 5.568 min Scan# 735

Delta R.T. -0.128 min

Lab File: VX023383.D

Acq: 22 Jul 2021 18:59

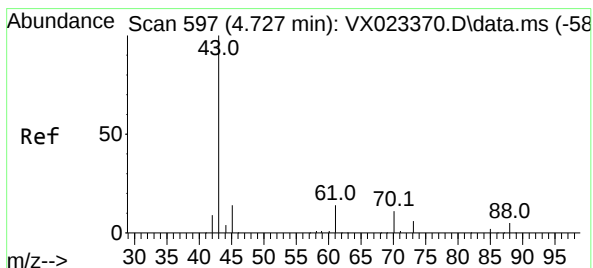
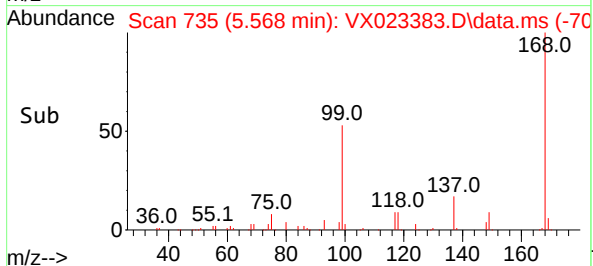
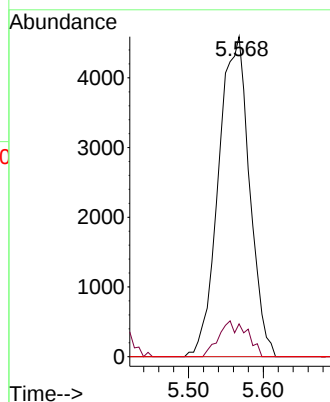
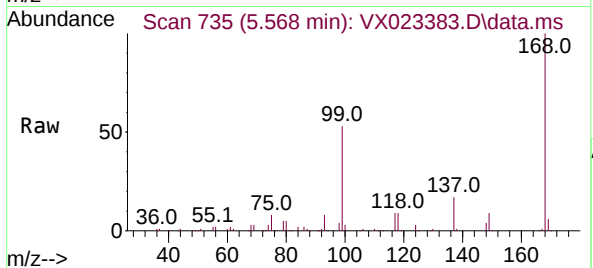
Tgt Ion:	75	Resp:	13213
Ion	Ratio	Lower	Upper
75	100		
110	10.2	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :

MSVOA_X

ClientSampleId :

20210588-SPLP-AMENDED-COM-2



#37

Ethyl Acetate

Concen: 1.908 ug/l

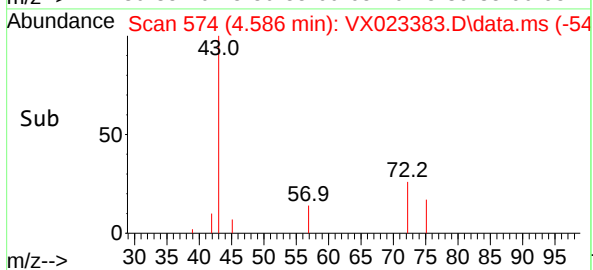
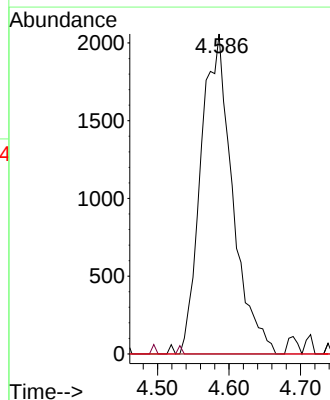
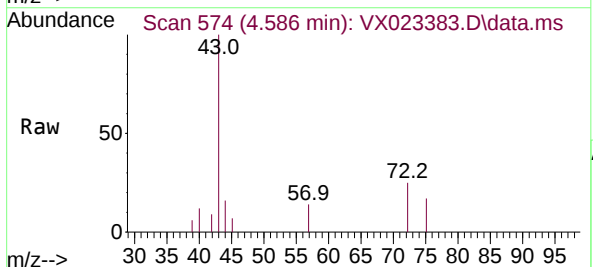
RT: 4.586 min Scan# 574

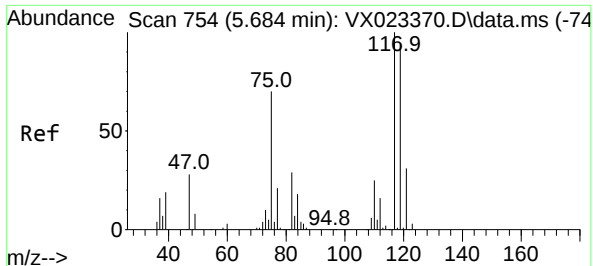
Delta R.T. -0.141 min

Lab File: VX023383.D

Acq: 22 Jul 2021 18:59

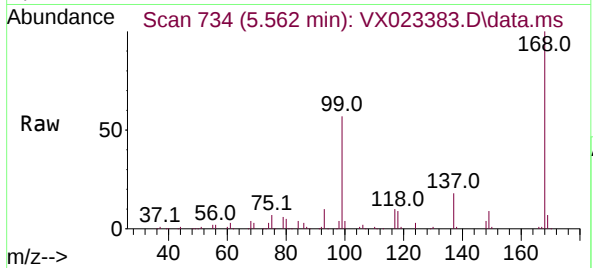
Tgt Ion:	43	Resp:	6322
Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.8	19.2#
70	0.0	10.5	15.7#



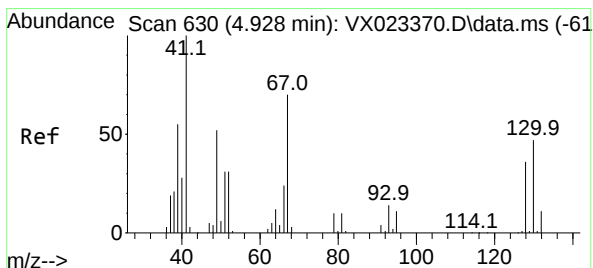
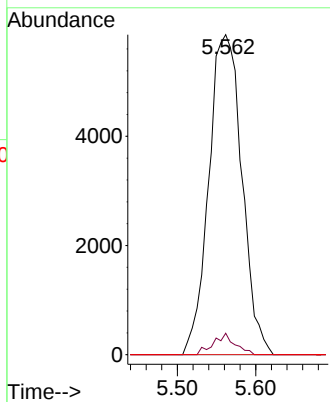
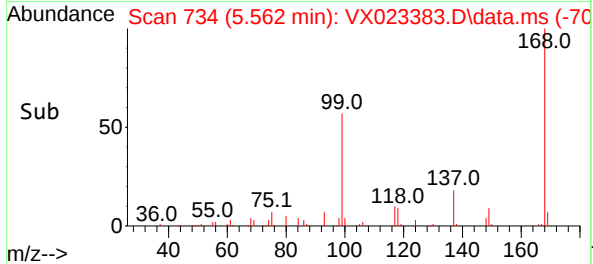


#38
Carbon Tetrachloride
Concen: 6.440 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023383.D
Acq: 22 Jul 2021 18:59

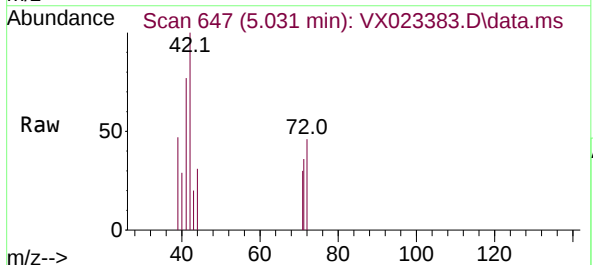
Instrument :
MSVOA_X
ClientSampleId :
20210588-SPLP-AMENDED-COM-2



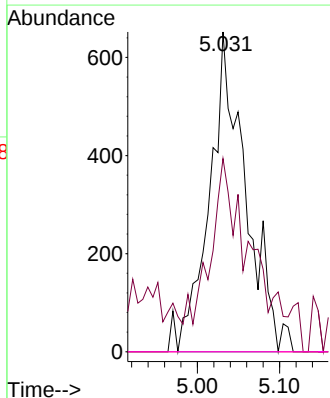
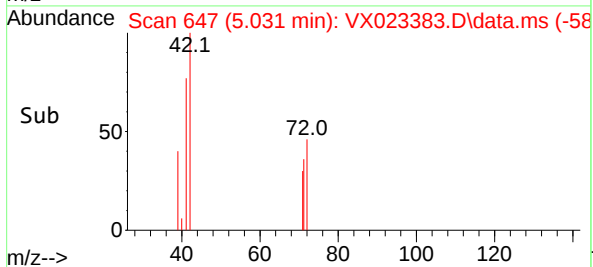
Tgt Ion: 117 Resp: 17215
Ion Ratio Lower Upper
117 100
119 6.7 76.2 114.2#
121 0.0 24.8 37.2#

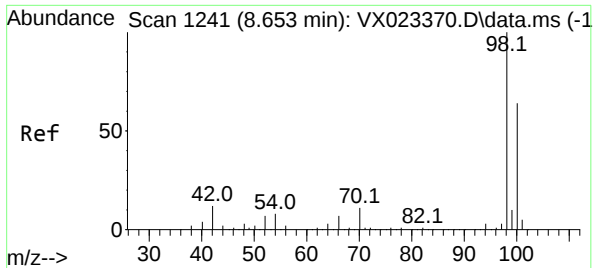


#41
Methacrylonitrile
Concen: 1.109 ug/l
RT: 5.031 min Scan# 647
Delta R.T. 0.103 min
Lab File: VX023383.D
Acq: 22 Jul 2021 18:59



Tgt Ion: 41 Resp: 1941
Ion Ratio Lower Upper
41 100
39 57.2 42.5 63.7
67 0.0 65.0 97.6#
52 0.0 25.3 37.9#

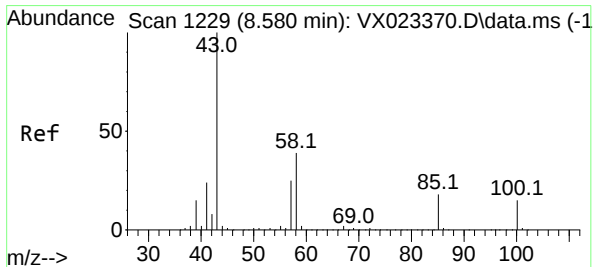
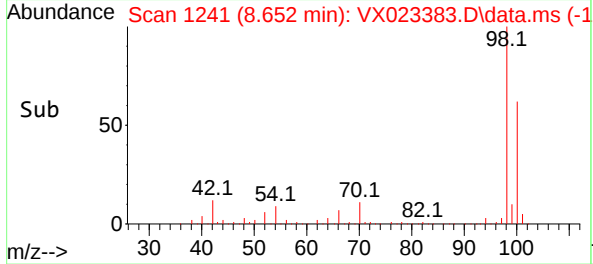
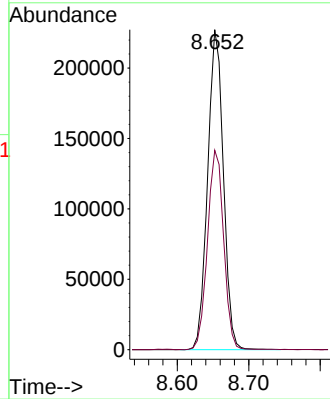
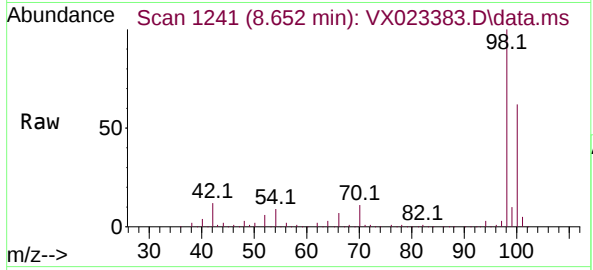




#50
Toluene-d8
Concen: 52.080 ug/l
RT: 8.652 min Scan# 1241
Delta R.T. -0.001 min
Lab File: VX023383.D
Acq: 22 Jul 2021 18:59

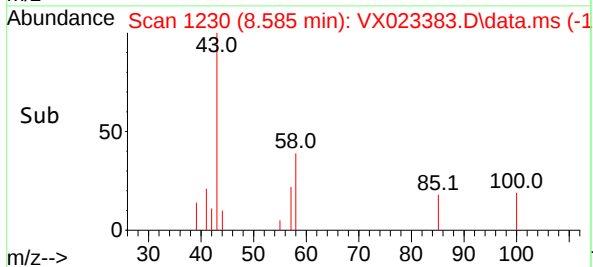
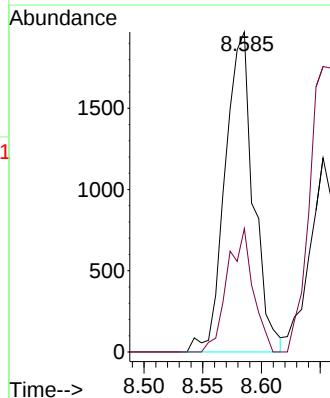
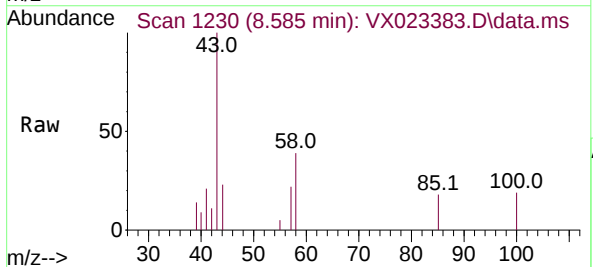
Instrument :
MSVOA_X
ClientSampleId :
20210588-SPLP-AMENDED-COM-2

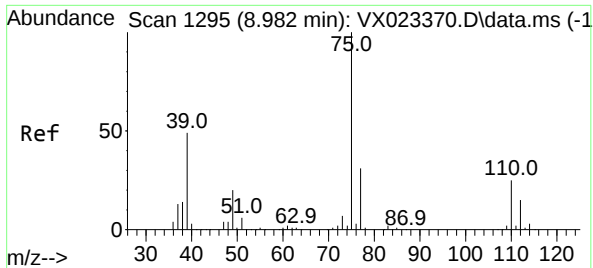
Tgt Ion: 98 Resp: 347619
Ion Ratio Lower Upper
98 100
100 64.1 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 1.056 ug/l
RT: 8.585 min Scan# 1230
Delta R.T. 0.005 min
Lab File: VX023383.D
Acq: 22 Jul 2021 18:59

Tgt Ion: 43 Resp: 3317
Ion Ratio Lower Upper
43 100
58 34.9 35.4 53.0#

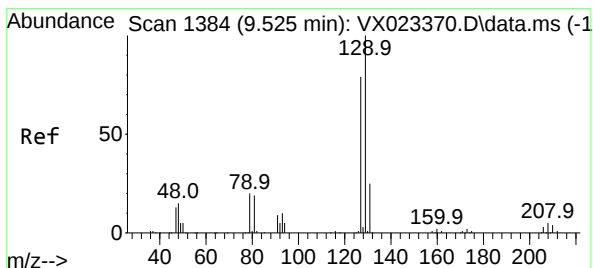
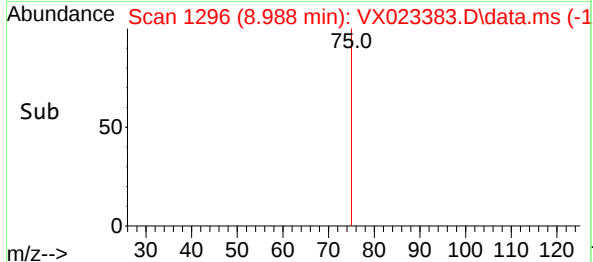
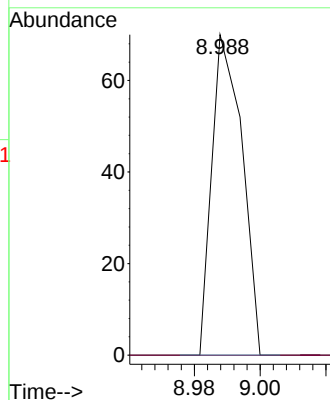
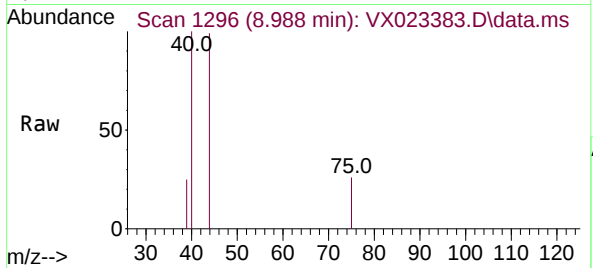




#53
t-1,3-Dichloropropene
Concen: 1.830 ug/l
RT: 8.988 min Scan# 1296
Delta R.T. 0.006 min
Lab File: VX023383.D
Acq: 22 Jul 2021 18:59

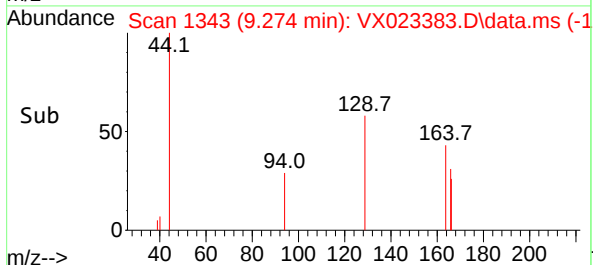
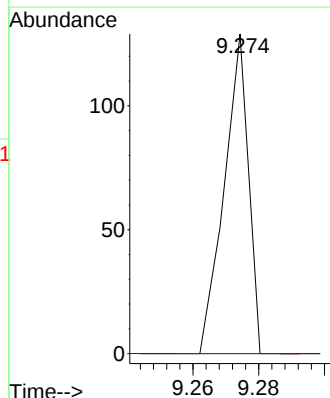
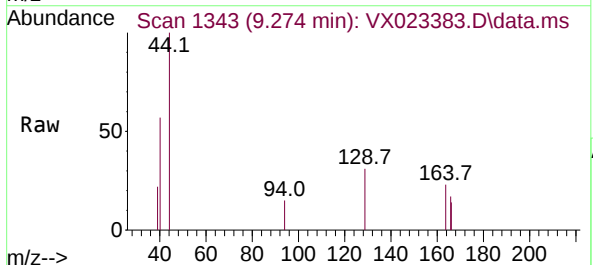
Instrument :
MSVOA_X
ClientSampleId :
20210588-SPLP-AMENDED-COM-2

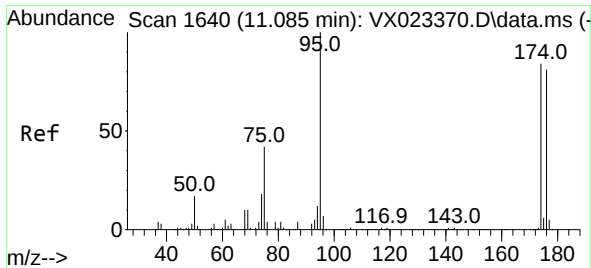
Tgt Ion: 75 Resp: 45
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#



#60
Dibromochloromethane
Concen: 2.012 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.251 min
Lab File: VX023383.D
Acq: 22 Jul 2021 18:59

Tgt Ion: 129 Resp: 66
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

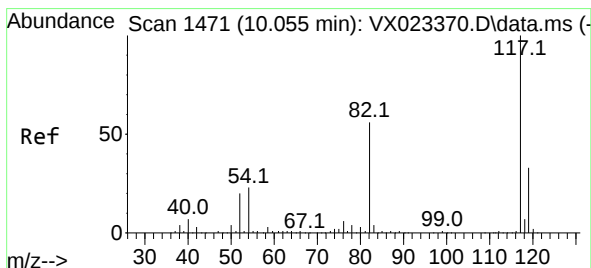
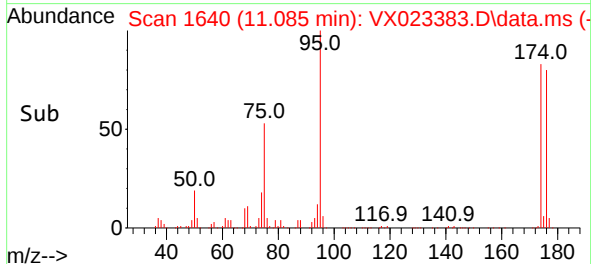
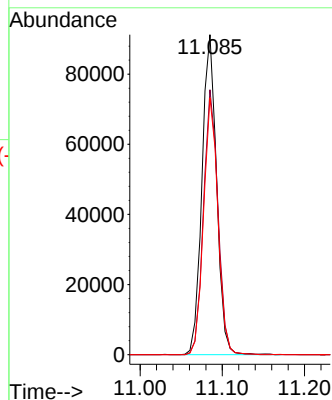
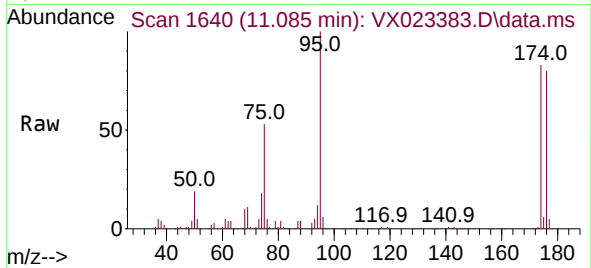




#62
4-Bromofluorobenzene
Concen: 49.595 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.000 min
Lab File: VX023383.D
Acq: 22 Jul 2021 18:59

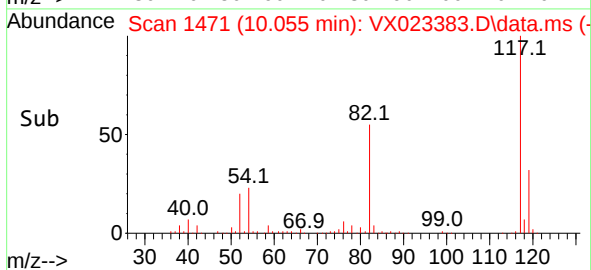
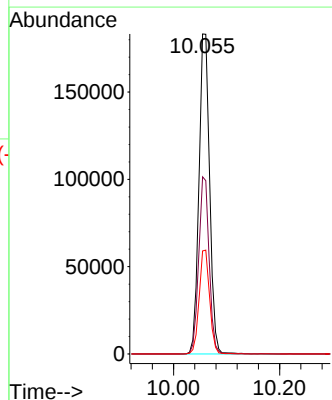
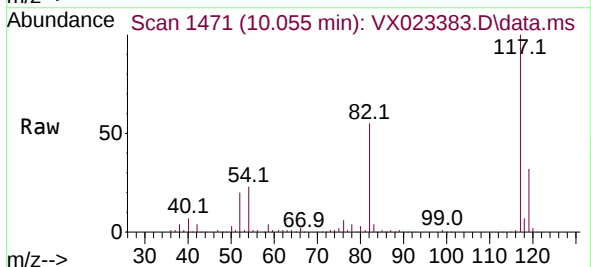
Instrument :
MSVOA_X
ClientSampleId :
20210588-SPLP-AMENDED-COM-2

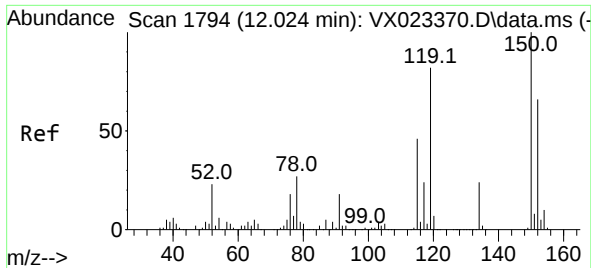
Tgt Ion: 95 Resp: 112564
Ion Ratio Lower Upper
95 100
174 82.3 0.0 154.6
176 79.0 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX023383.D
Acq: 22 Jul 2021 18:59

Tgt Ion: 117 Resp: 256360
Ion Ratio Lower Upper
117 100
82 55.4 47.4 71.2
119 32.2 26.6 39.8

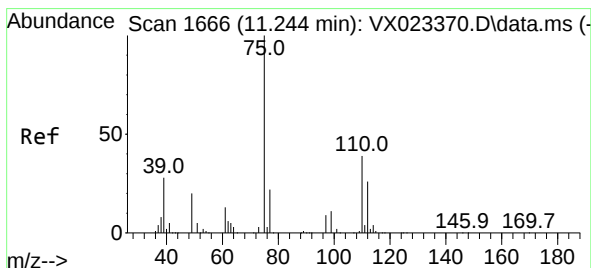
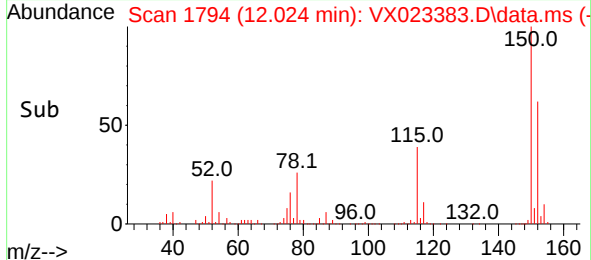
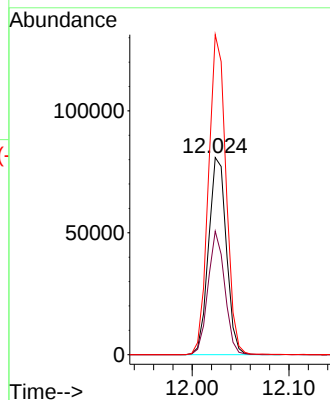
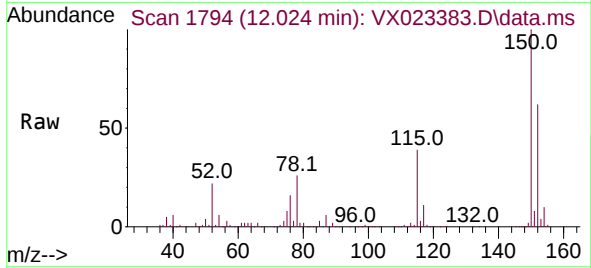




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. -0.000 min
 Lab File: VX023383.D
 Acq: 22 Jul 2021 18:59

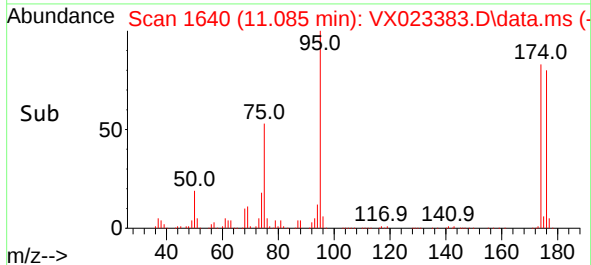
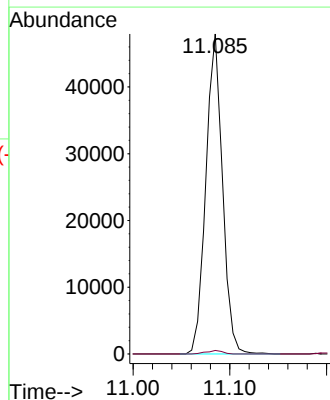
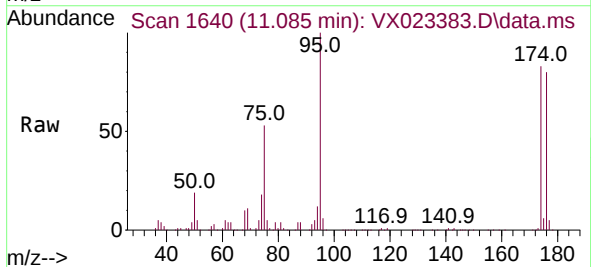
Instrument :
 MSVOA_X
 ClientSampleId :
 20210588-SPLP-AMENDED-COM-2

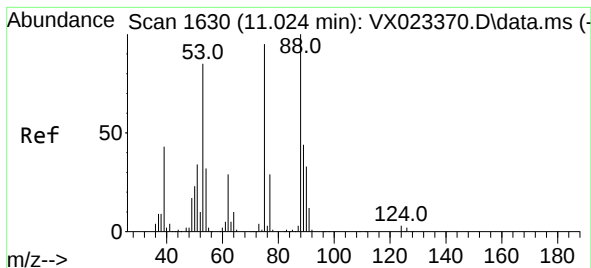
Tgt Ion:152 Resp: 103261
 Ion Ratio Lower Upper
 152 100
 115 58.8 41.1 123.3
 150 159.4 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 25.246 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX023383.D
 Acq: 22 Jul 2021 18:59

Tgt Ion: 75 Resp: 57367
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#

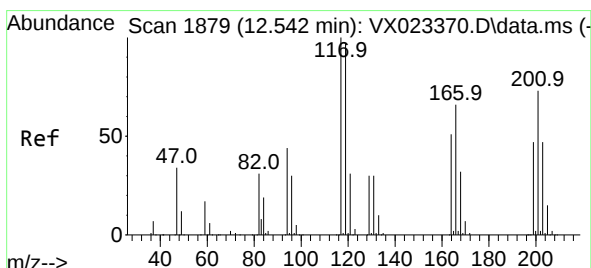
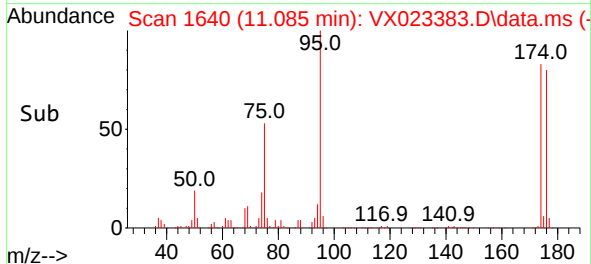
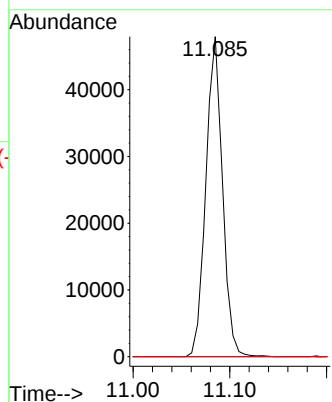
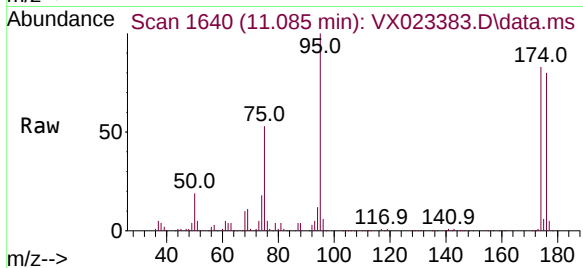




#81
trans-1,4-Dichloro-2-butene
Concen: 67.883 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023383.D
Acq: 22 Jul 2021 18:59

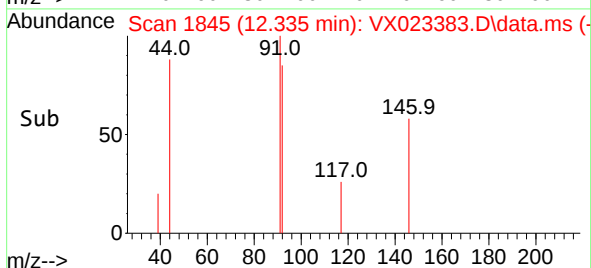
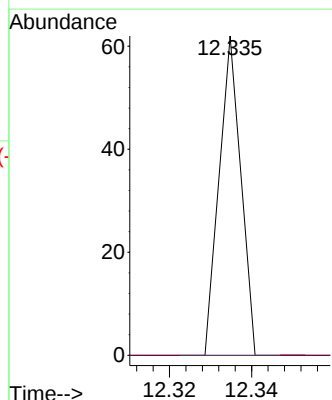
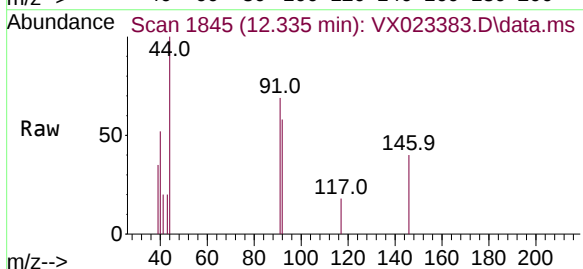
Instrument :
MSVOA_X
ClientSampleId :
20210588-SPLP-AMENDED-COM-2

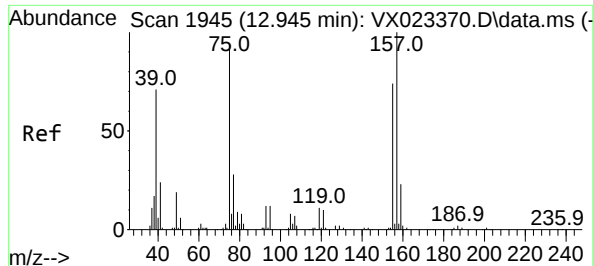
Tgt Ion: 75 Resp: 57367
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#90
Hexachloroethane
Concen: 1.918 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.207 min
Lab File: VX023383.D
Acq: 22 Jul 2021 18:59

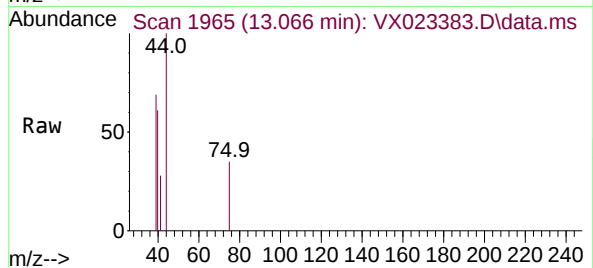
Tgt Ion: 117 Resp: 23
Ion Ratio Lower Upper
117 100
201 0.0 40.4 121.2#





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 2.192 ug/l
 RT: 13.066 min Scan# 1965
 Delta R.T. 0.121 min
 Lab File: VX023383.D
 Acq: 22 Jul 2021 18:59

Instrument :
 MSVOA_X
 ClientSampleId :
 20210588-SPLP-AMENDED-COM-2



Tgt Ion: 75 Resp: 47
 Ion Ratio Lower Upper
 75 100
 155 0.0 45.3 135.9#
 157 0.0 57.7 173.1#

