

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060121\
 Data File : VX022299.D
 Acq On : 01 Jun 2021 18:34
 Operator : JC/MD
 Sample : M2545-02DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 04BR-20210526DL

Quant Time: Jun 02 03:23:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

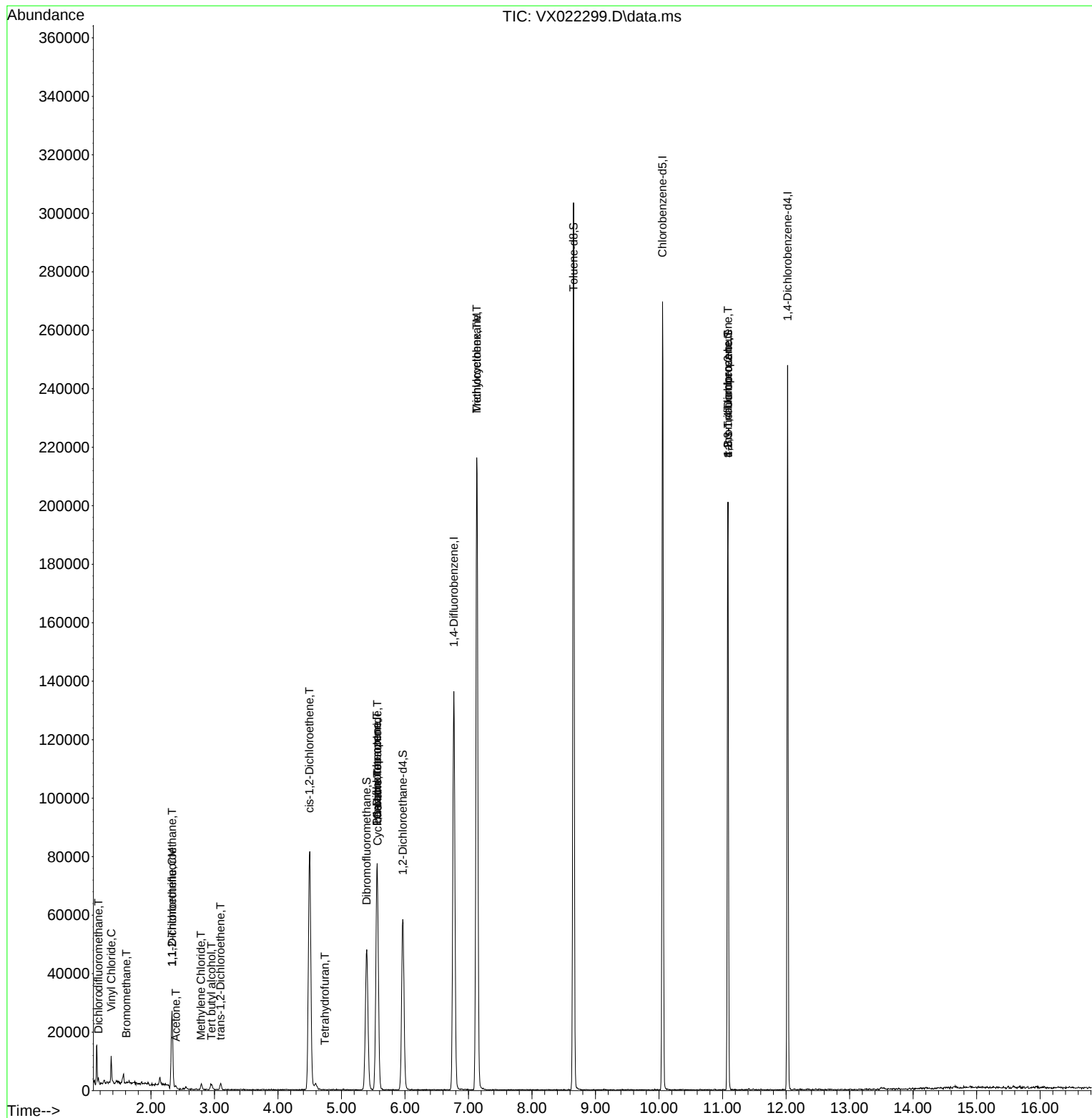
Internal Standards						
1) Pentafluorobenzene	5.556	168	65646	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	136791	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	118042	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	44876	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	54616	53.93	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.86%			
35) Dibromofluoromethane	5.397	113	42269	48.73	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.46%			
50) Toluene-d8	8.653	98	169006	50.58	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.16%			
62) 4-Bromofluorobenzene	11.085	95	57317	46.41	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.82%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	1203	1.51	ug/l	94
4) Vinyl Chloride	1.374	62	4881	5.36	ug/l #	86
5) Bromomethane	1.611	94	157	0.30	ug/l #	2
9) 1,1,2-Trichlorotrifluo...	2.331	101	9935	12.77	ug/l	91
11) Tert butyl alcohol	2.953	59	1302	5.62	ug/l #	73
12) 1,1-Dichloroethene	2.331	96	743	0.99	ug/l #	69
16) Acetone	2.392	43	1176	2.67	ug/l	90
20) Methylene Chloride	2.788	84	789	0.81	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	931	1.14	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	50538	50.78	ug/l	90
29) Tetrahydrofuran	4.739	42	88	0.21	ug/l #	27
31) Cyclohexane	5.568	56	1756	1.38	ug/l #	44
36) 1,1-Dichloropropene	5.556	75	6098	4.82	ug/l #	50
38) Carbon Tetrachloride	5.562	117	7792	6.30	ug/l #	17
39) Methylcyclohexane	7.129	83	931	0.65	ug/l #	1
44) Trichloroethene	7.129	130	76506	79.11	ug/l	91
76) 1,2,3-Trichloropropane	11.085	75	29388	26.54	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	29388	62.89	ug/l #	12

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

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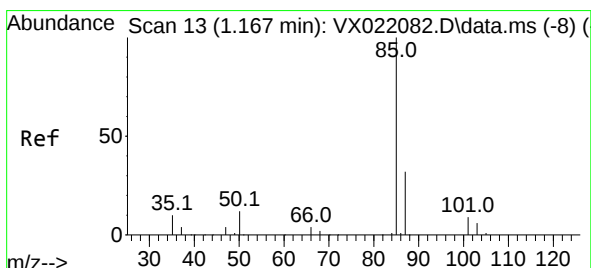
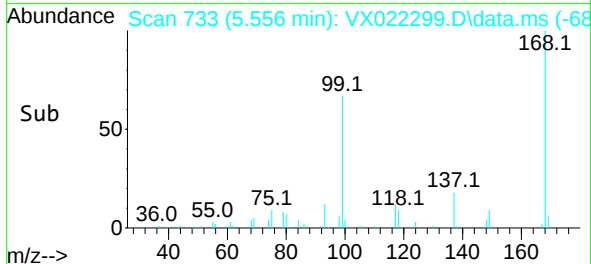
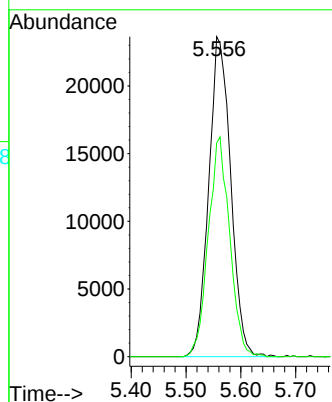
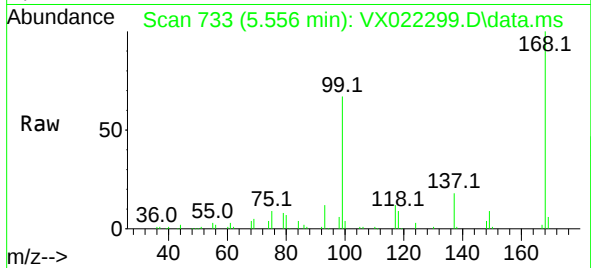




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX022299.D
Acq: 01 Jun 2021 18:34

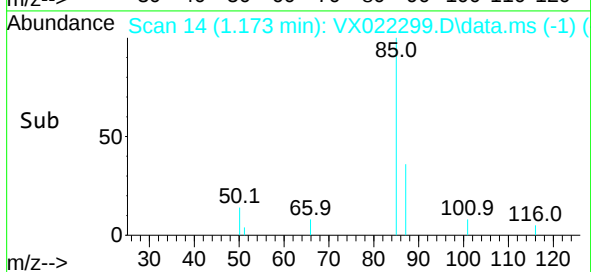
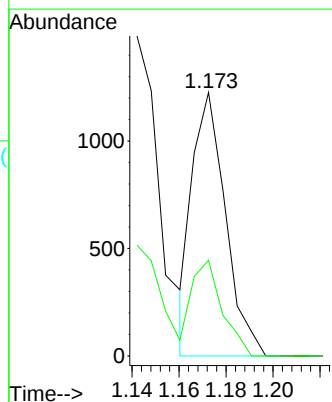
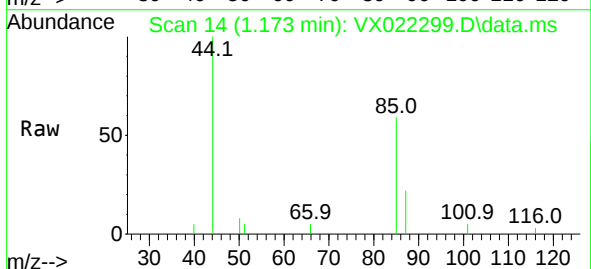
Instrument :
MSVOA_X
ClientSampleId :
04BR-20210526DL

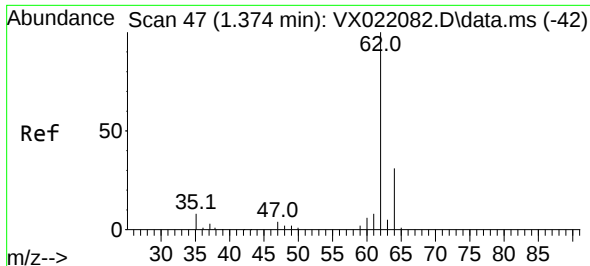
Tgt Ion:168 Resp: 65646
Ion Ratio Lower Upper
168 100
99 66.8 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 1.51 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX022299.D
Acq: 01 Jun 2021 18:34

Tgt Ion: 85 Resp: 1203
Ion Ratio Lower Upper
85 100
87 36.3 16.4 49.2

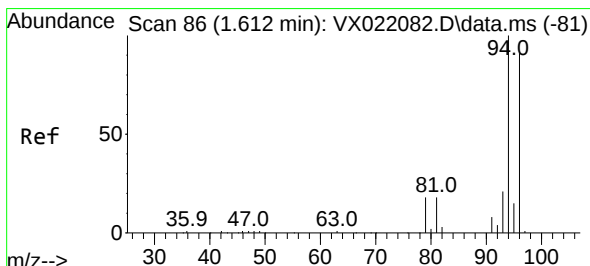
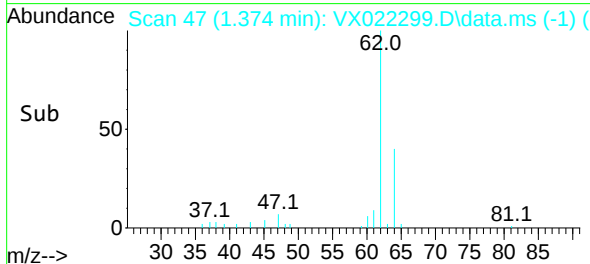
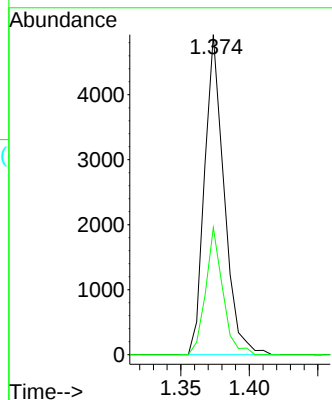
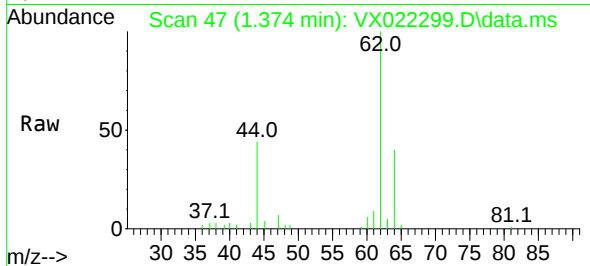




#4
 Vinyl Chloride
 Concen: 5.36 ug/l
 RT: 1.374 min Scan# 47
 Delta R.T. -0.000 min
 Lab File: VX022299.D
 Acq: 01 Jun 2021 18:34

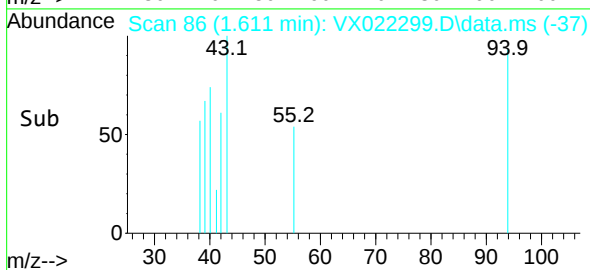
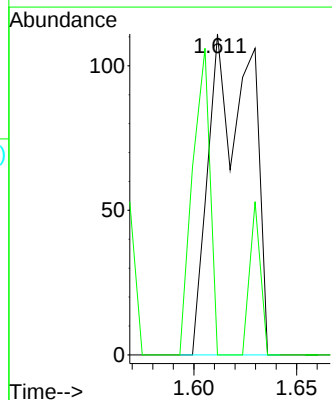
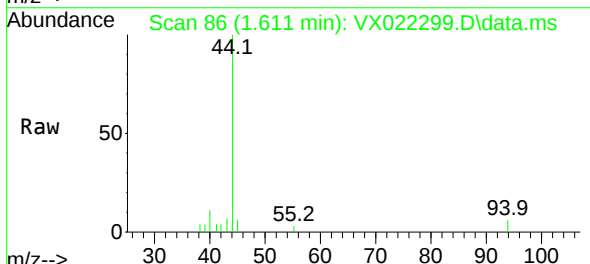
Instrument :
 MSVOA_X
 ClientSampleId :
 04BR-20210526DL

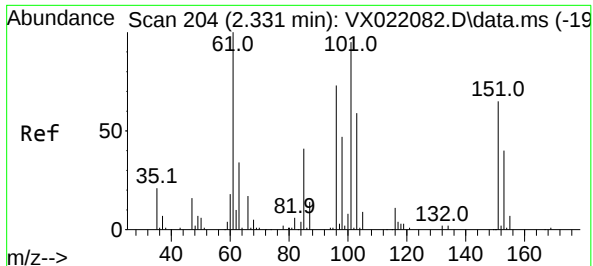
Tgt Ion: 62 Resp: 4881
 Ion Ratio Lower Upper
 62 100
 64 39.7 25.7 38.5#



#5
 Bromomethane
 Concen: 0.30 ug/l
 RT: 1.611 min Scan# 86
 Delta R.T. -0.001 min
 Lab File: VX022299.D
 Acq: 01 Jun 2021 18:34

Tgt Ion: 94 Resp: 157
 Ion Ratio Lower Upper
 94 100
 96 0.0 76.4 114.6#

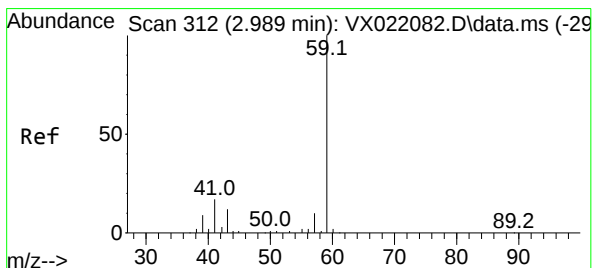
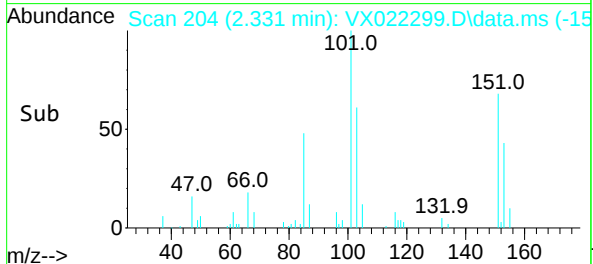
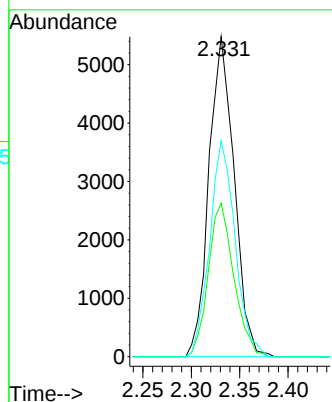
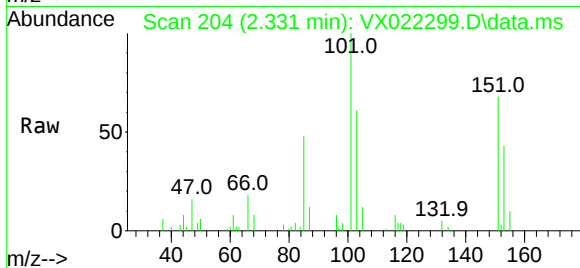




#9
1,1,2-Trichlorotrifluoroethane
Concen: 12.77 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX022299.D
Acq: 01 Jun 2021 18:34

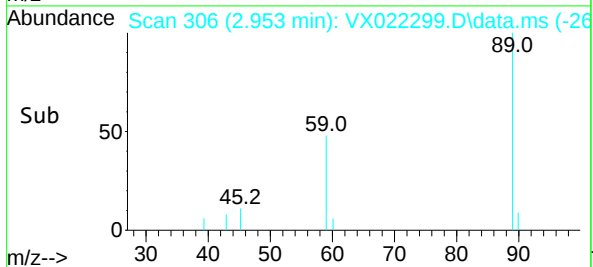
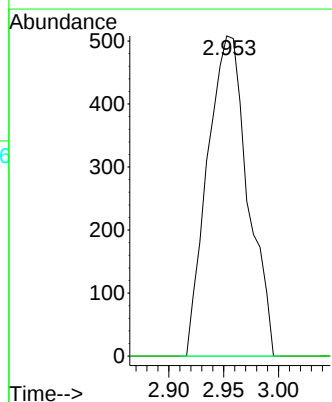
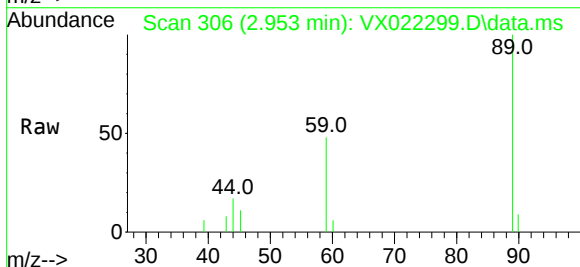
Instrument :
MSVOA_X
ClientSampleId :
04BR-20210526DL

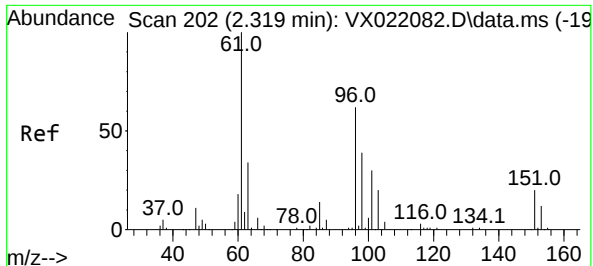
Tgt Ion:101 Resp: 9935
Ion Ratio Lower Upper
101 100
85 48.7 34.9 52.3
151 68.4 61.4 92.2



#11
Tert butyl alcohol
Concen: 5.62 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.036 min
Lab File: VX022299.D
Acq: 01 Jun 2021 18:34

Tgt Ion: 59 Resp: 1302
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#





#12

1,1-Dichloroethene

Concen: 0.99 ug/l

RT: 2.331 min Scan# 204

Delta R.T. 0.012 min

Lab File: VX022299.D

Acq: 01 Jun 2021 18:34

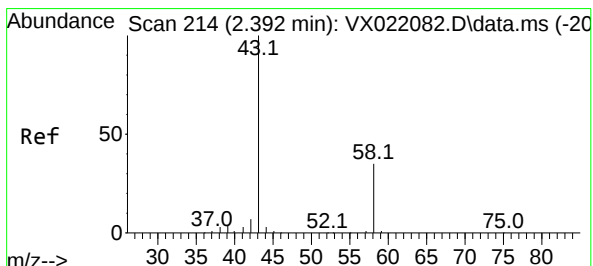
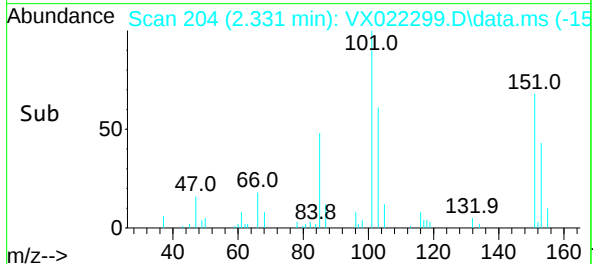
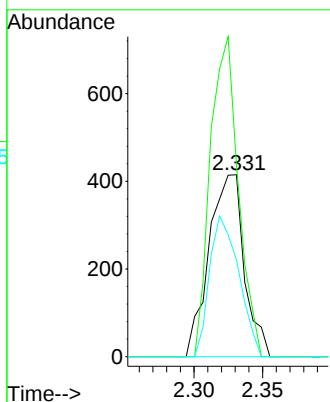
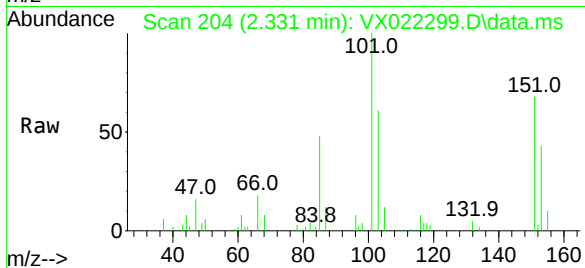
Tgt Ion: 96 Resp: 743

Ion Ratio Lower Upper

96 100

61 105.8 124.6 187.0#

98 53.3 50.6 76.0



#16

Acetone

Concen: 2.67 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX022299.D

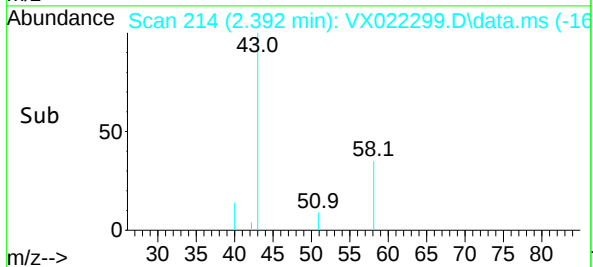
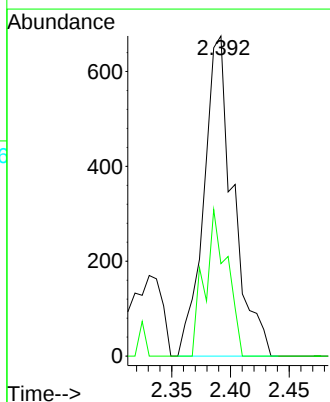
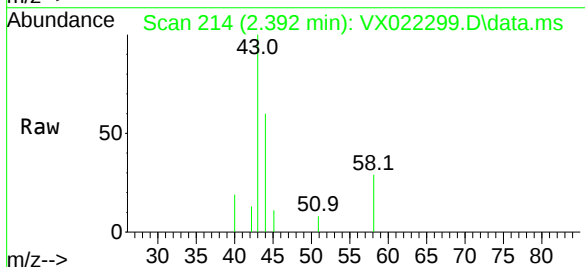
Acq: 01 Jun 2021 18:34

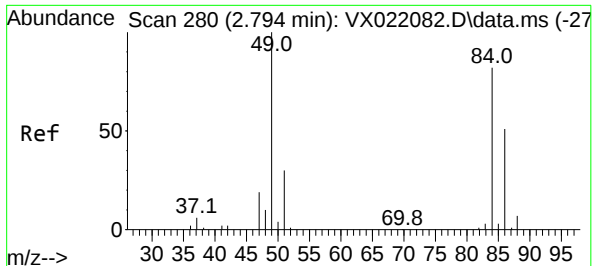
Tgt Ion: 43 Resp: 1176

Ion Ratio Lower Upper

43 100

58 28.9 27.8 41.8





#20

Methylene Chloride

Concen: 0.81 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.006 min

Lab File: VX022299.D

Acq: 01 Jun 2021 18:34

Instrument :

MSVOA_X

ClientSampleId :

04BR-20210526DL

Tgt Ion: 84 Resp: 789

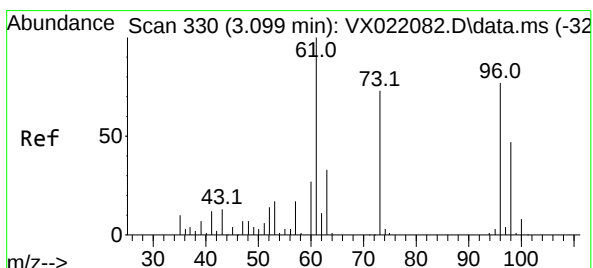
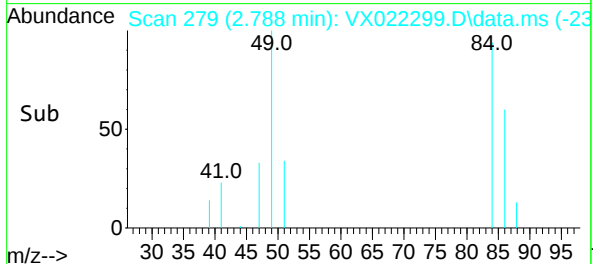
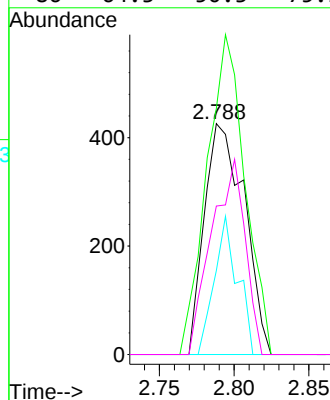
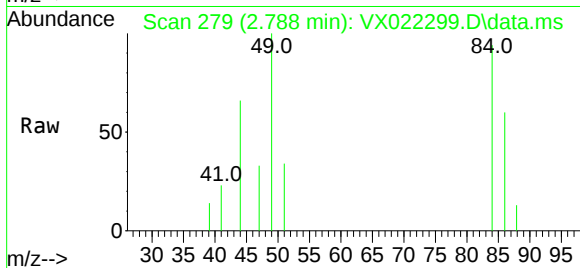
Ion Ratio Lower Upper

84 100

49 106.6 88.6 132.8

51 36.4 27.0 40.6

86 64.3 50.3 75.5



#21

trans-1,2-Dichloroethene

Concen: 1.14 ug/l

RT: 3.093 min Scan# 329

Delta R.T. -0.006 min

Lab File: VX022299.D

Acq: 01 Jun 2021 18:34

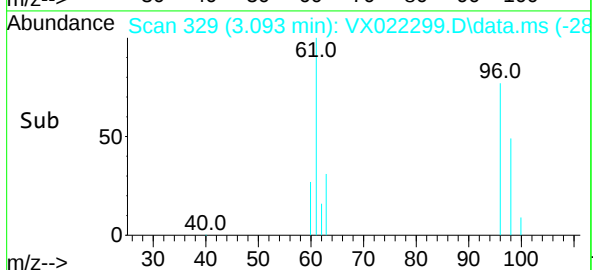
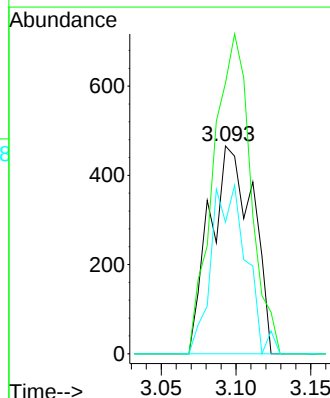
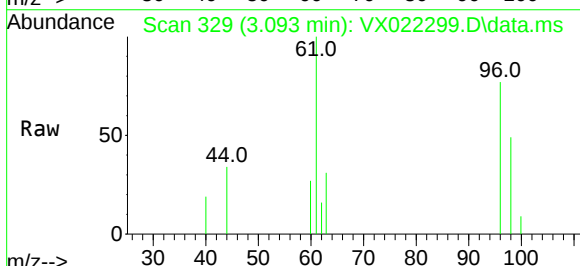
Tgt Ion: 96 Resp: 931

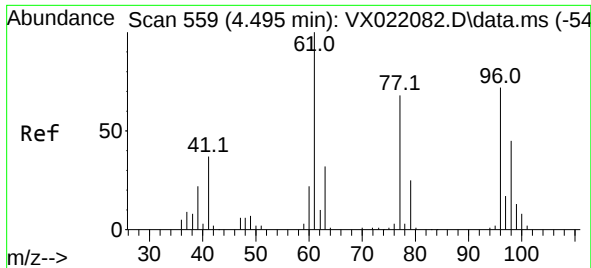
Ion Ratio Lower Upper

96 100

61 130.3 107.7 161.5

98 63.3 50.4 75.6





#27

cis-1,2-Dichloroethene

Concen: 50.78 ug/l

RT: 4.495 min Scan# 559

Delta R.T. 0.000 min

Lab File: VX022299.D

Acq: 01 Jun 2021 18:34

Tgt Ion: 96 Resp: 50538

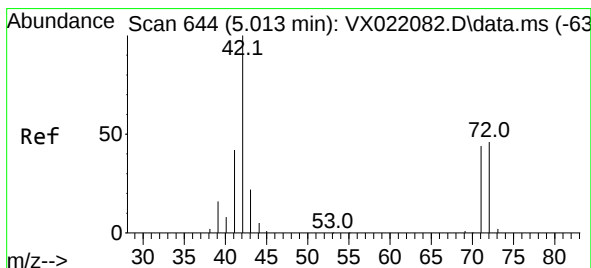
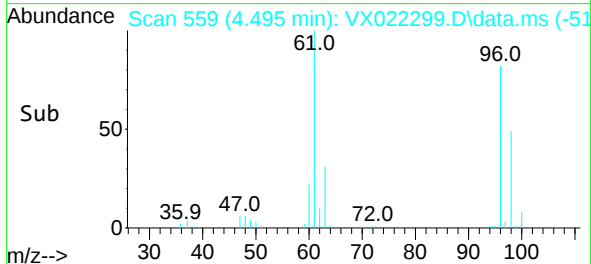
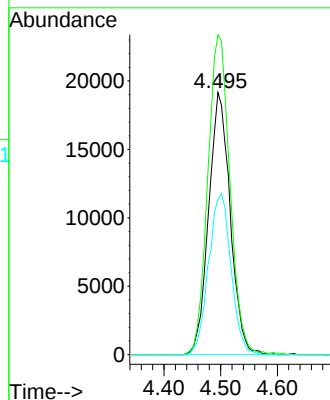
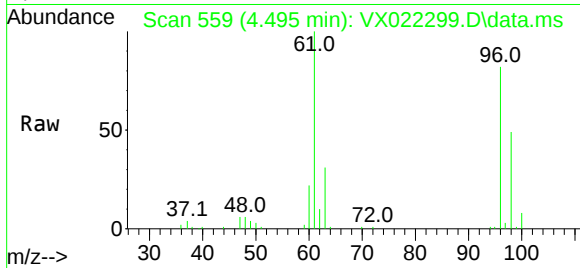
Ion	Ratio	Lower	Upper
96	100		
61	125.3	0.0	285.6
98	64.0	0.0	129.6

Instrument :

MSVOA_X

ClientSampleId :

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#29

Tetrahydrofuran

Concen: 0.21 ug/l

RT: 4.739 min Scan# 599

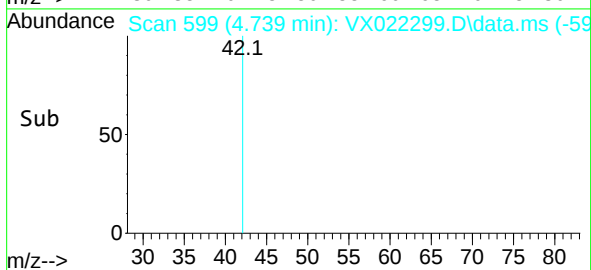
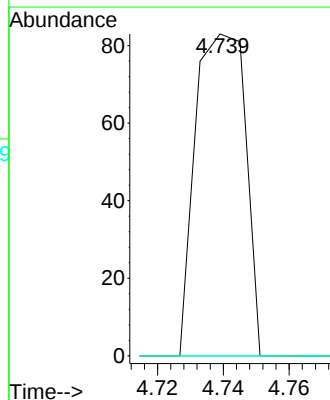
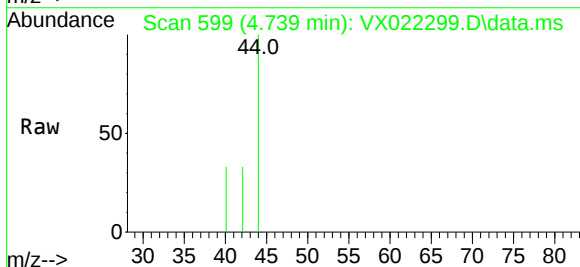
Delta R.T. -0.274 min

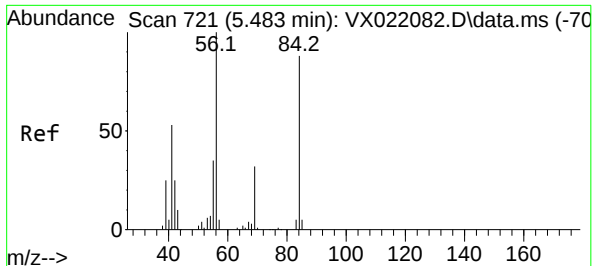
Lab File: VX022299.D

Acq: 01 Jun 2021 18:34

Tgt Ion: 42 Resp: 88

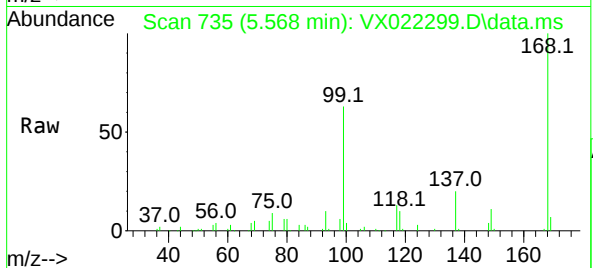
Ion	Ratio	Lower	Upper
42	100		
72	0.0	41.7	62.5#
71	0.0	38.4	57.6#



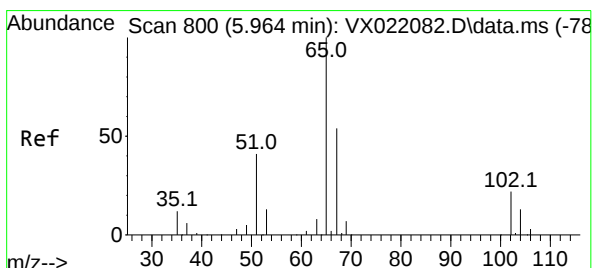
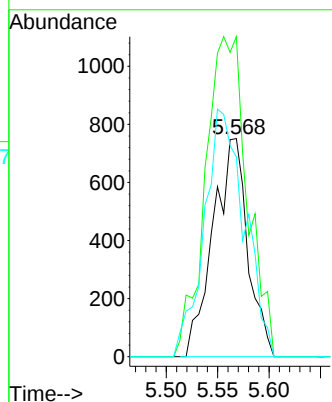
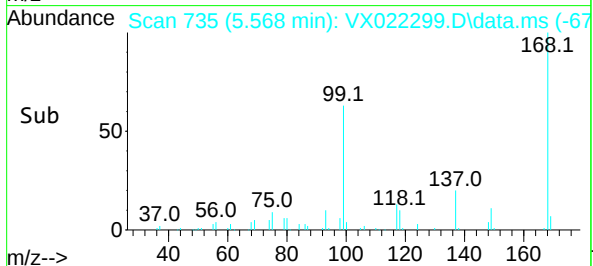


#31
Cyclohexane
Concen: 1.38 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.085 min
Lab File: VX022299.D
Acq: 01 Jun 2021 18:34

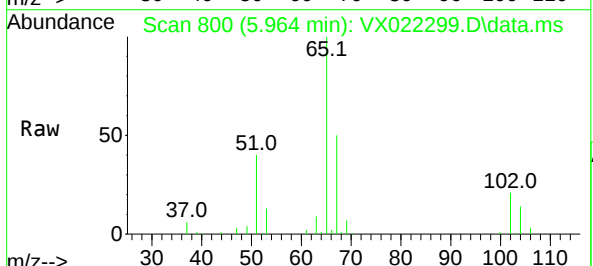
Instrument :
MSVOA_X
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04BR-20210526DL



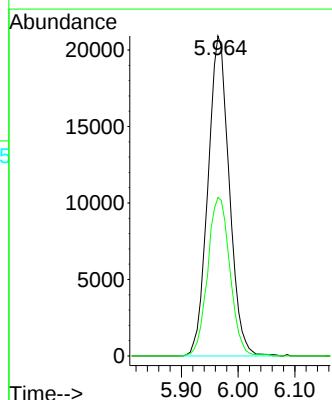
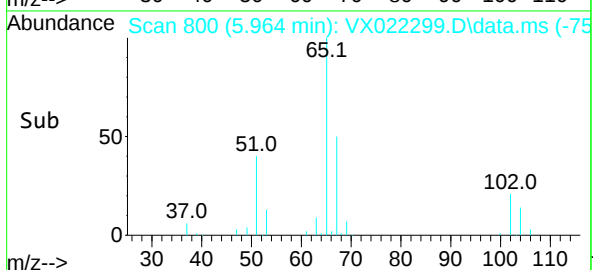
Tgt Ion: 56 Resp: 1756
Ion Ratio Lower Upper
56 100
69 146.7 25.3 37.9#
84 91.6 71.4 107.0

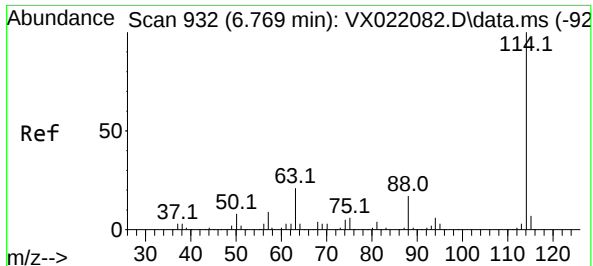


#33
1,2-Dichloroethane-d4
Concen: 53.93 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022299.D
Acq: 01 Jun 2021 18:34



Tgt Ion: 65 Resp: 54616
Ion Ratio Lower Upper
65 100
67 51.5 0.0 105.4

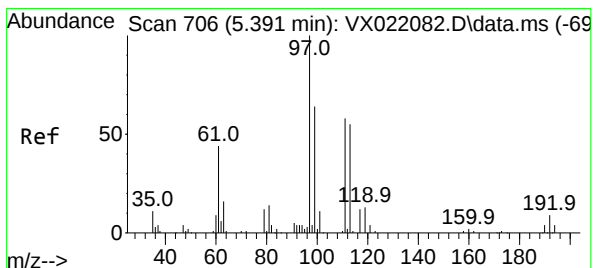
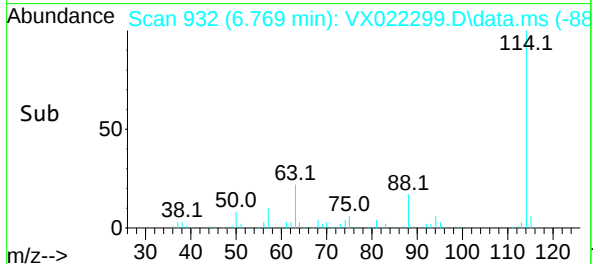
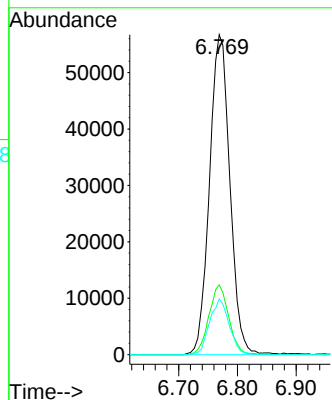
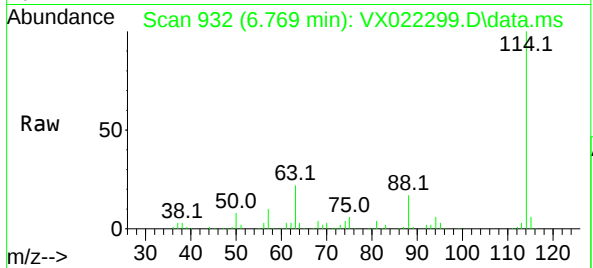




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022299.D
Acq: 01 Jun 2021 18:34

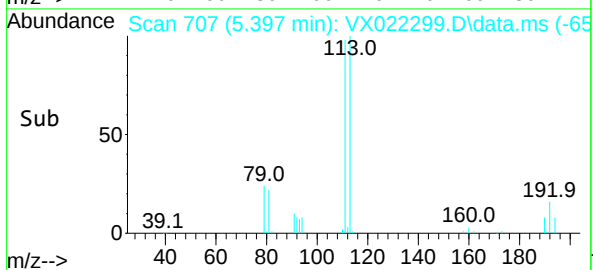
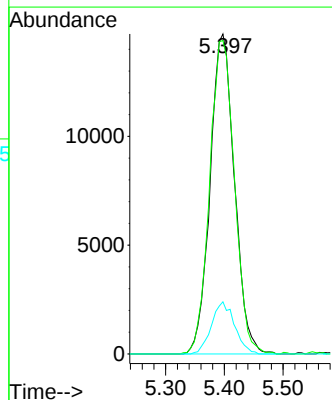
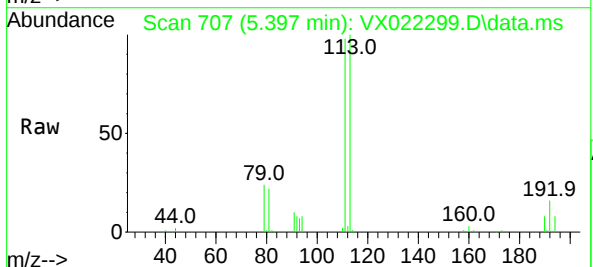
Instrument :
MSVOA_X
ClientSampleId :
04BR-20210526DL

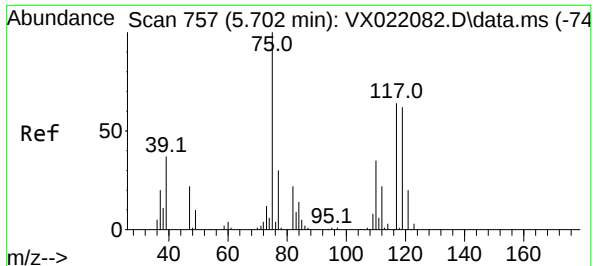
Tgt Ion:114 Resp: 136791
Ion Ratio Lower Upper
114 100
63 21.8 0.0 40.8
88 17.5 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.73 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022299.D
Acq: 01 Jun 2021 18:34

Tgt Ion:113 Resp: 42269
Ion Ratio Lower Upper
113 100
111 100.2 81.9 122.9
192 15.5 16.7 25.1#

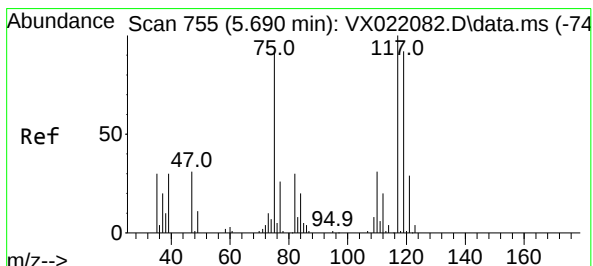
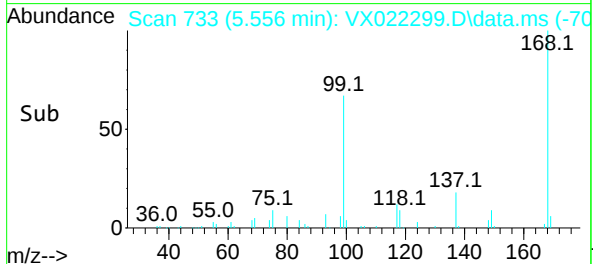
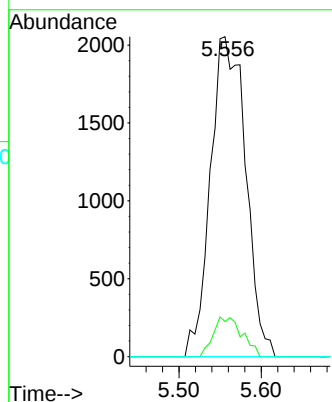
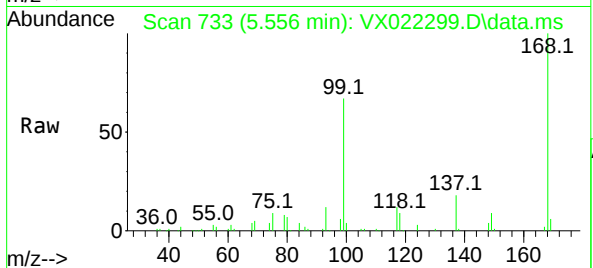




#36
1,1-Dichloropropene
Concen: 4.82 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.146 min
Lab File: VX022299.D
Acq: 01 Jun 2021 18:34

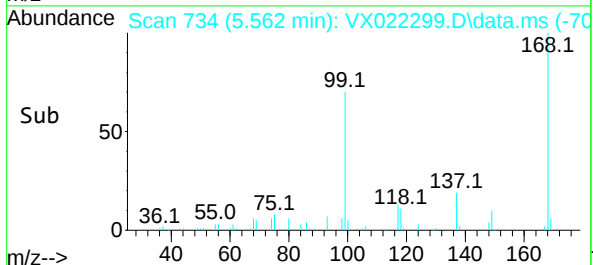
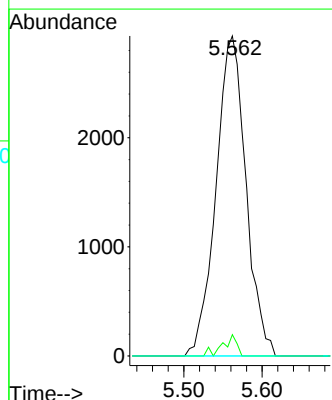
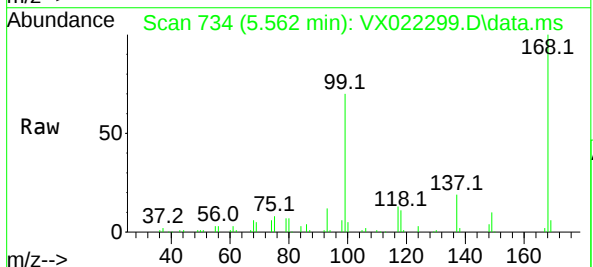
Instrument :
MSVOA_X
ClientSampleId :
04BR-20210526DL

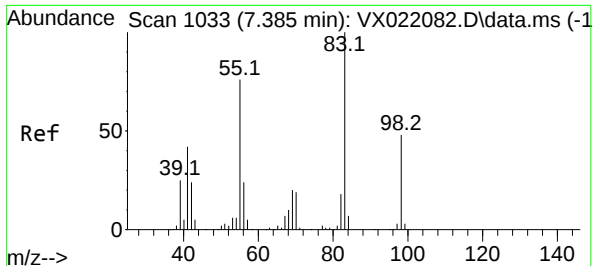
Tgt Ion: 75 Resp: 6098
Ion Ratio Lower Upper
75 100
110 10.1 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.30 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX022299.D
Acq: 01 Jun 2021 18:34

Tgt Ion: 117 Resp: 7792
Ion Ratio Lower Upper
117 100
119 6.6 76.2 114.2#
121 0.0 24.8 37.2#





#39

Methylcyclohexane

Concen: 0.65 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.256 min

Lab File: VX022299.D

Acq: 01 Jun 2021 18:34

Tgt Ion: 83 Resp: 931

Ion Ratio Lower Upper

83 100

55 0.0 58.9 88.3#

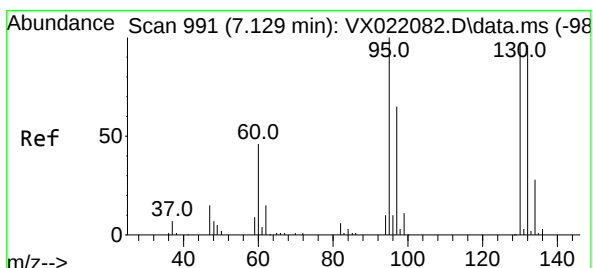
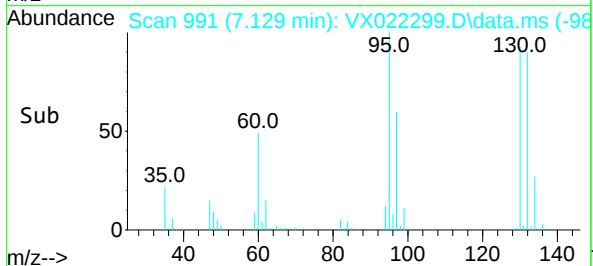
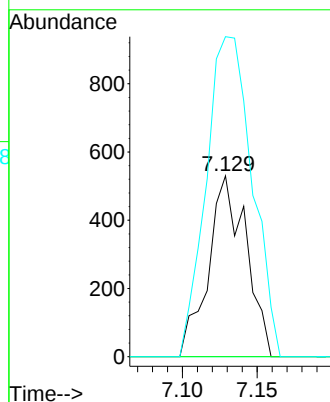
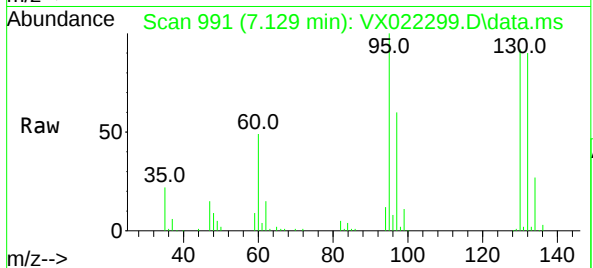
98 177.0 38.1 57.1#

Instrument :

MSVOA_X

ClientSampleId :

04BR-20210526DL



#44

Trichloroethene

Concen: 79.11 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX022299.D

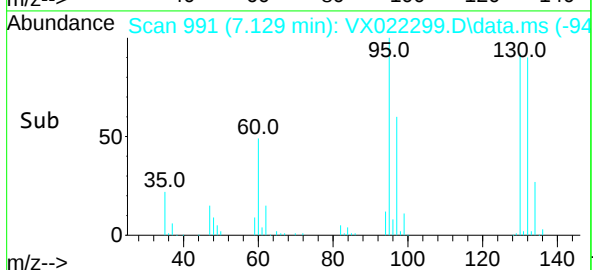
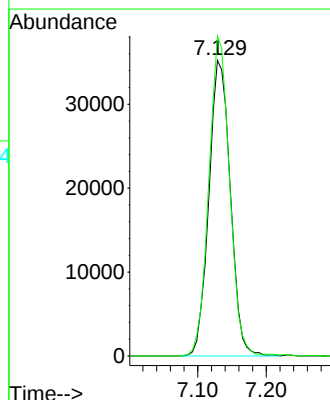
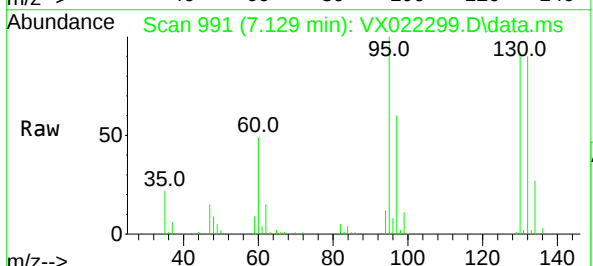
Acq: 01 Jun 2021 18:34

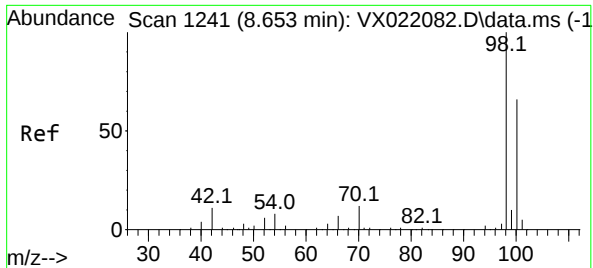
Tgt Ion:130 Resp: 76506

Ion Ratio Lower Upper

130 100

95 108.2 0.0 198.0

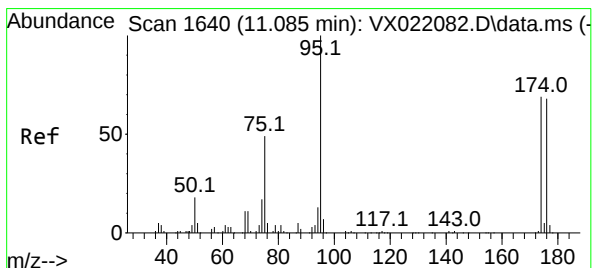
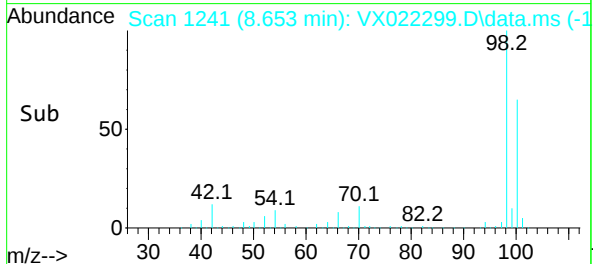
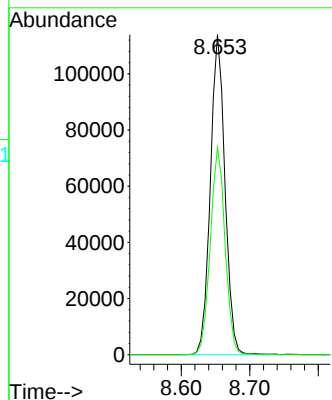
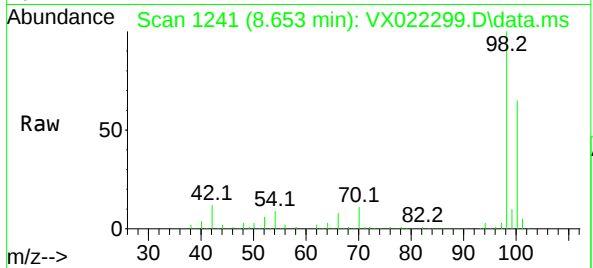




#50
Toluene-d8
Concen: 50.58 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022299.D
Acq: 01 Jun 2021 18:34

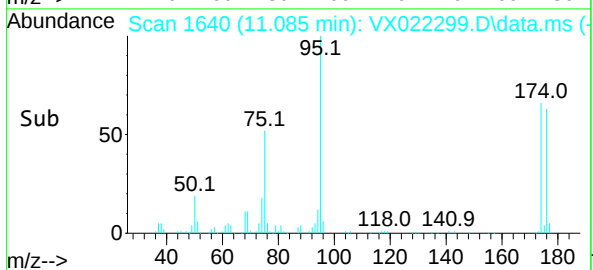
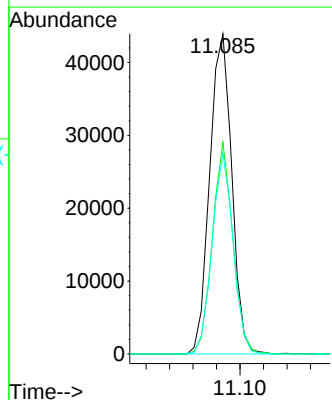
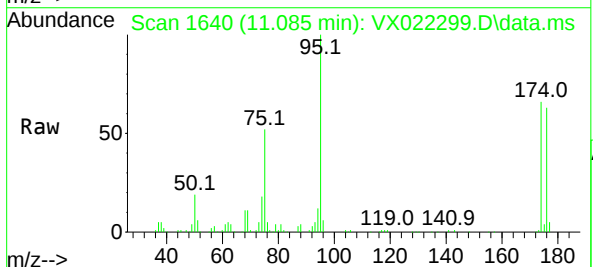
Instrument :
MSVOA_X
ClientSampleId :
04BR-20210526DL

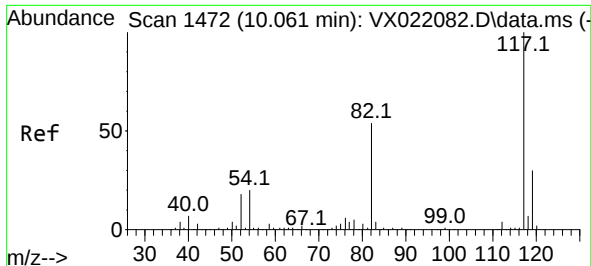
Tgt Ion: 98 Resp: 169006
Ion Ratio Lower Upper
98 100
100 65.4 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 46.41 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022299.D
Acq: 01 Jun 2021 18:34

Tgt Ion: 95 Resp: 57317
Ion Ratio Lower Upper
95 100
174 61.5 0.0 154.6
176 59.6 0.0 155.8

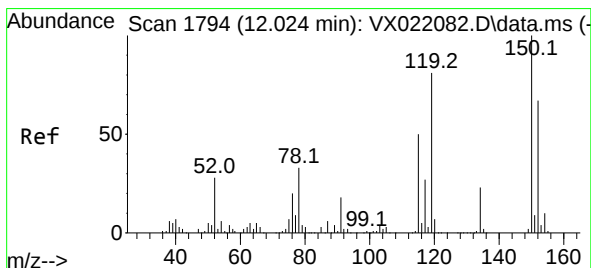
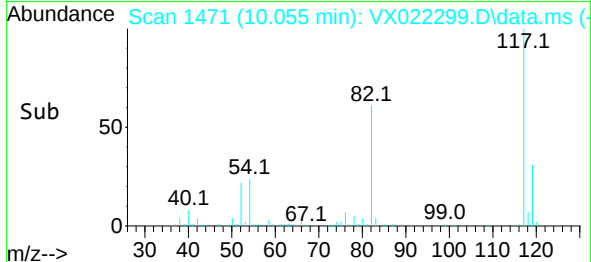
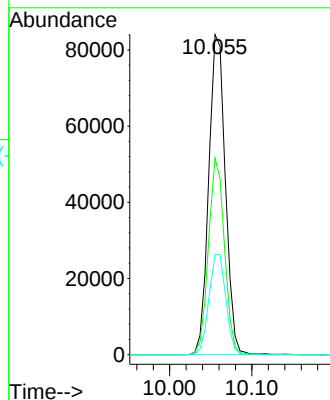
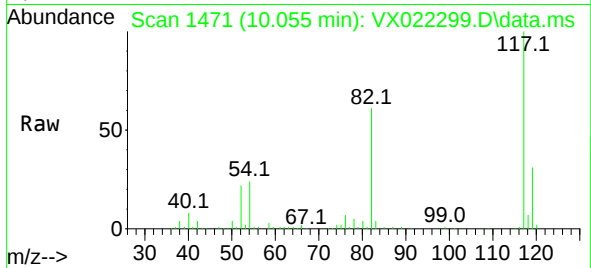




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX022299.D
Acq: 01 Jun 2021 18:34

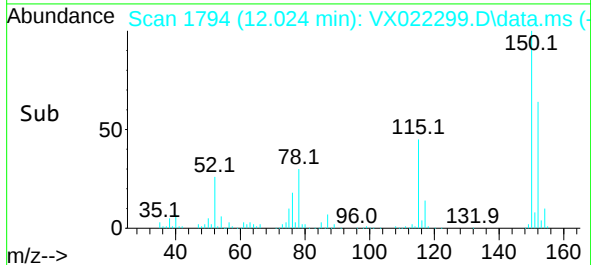
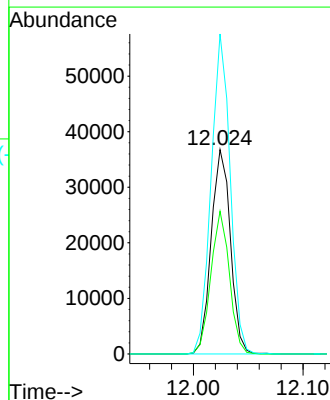
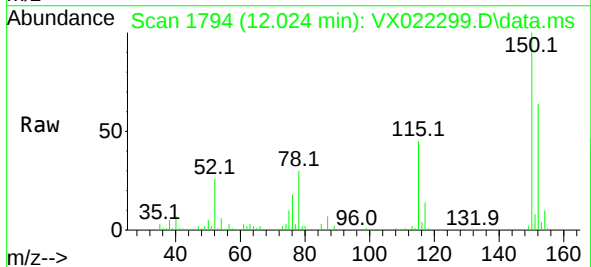
Instrument :
MSVOA_X
ClientSampleId :
04BR-20210526DL

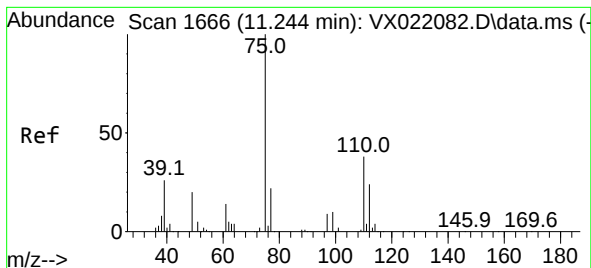
Tgt Ion:117 Resp: 118042
Ion Ratio Lower Upper
117 100
82 61.4 47.4 71.2
119 31.3 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022299.D
Acq: 01 Jun 2021 18:34

Tgt Ion:152 Resp: 44876
Ion Ratio Lower Upper
152 100
115 67.3 41.1 123.3
150 155.2 0.0 349.0

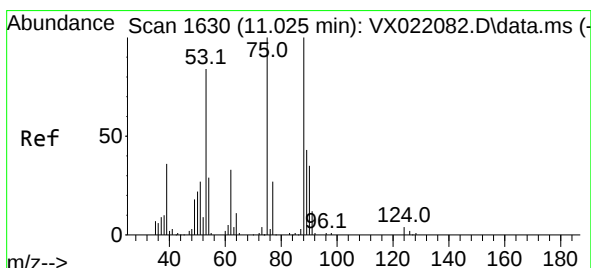
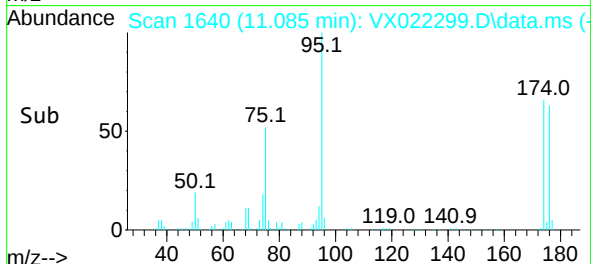
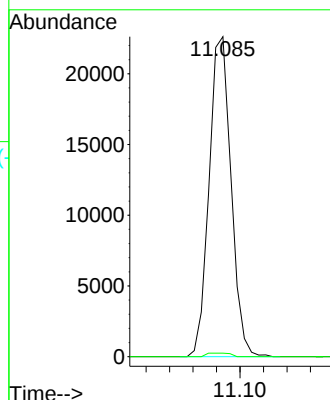
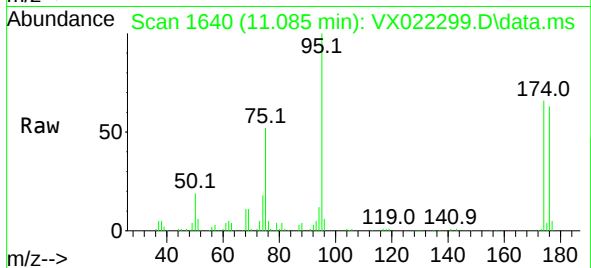




#76
1,2,3-Trichloropropane
Concen: 26.54 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022299.D
Acq: 01 Jun 2021 18:34

Instrument :
MSVOA_X
ClientSampleId :
04BR-20210526DL

Tgt Ion: 75 Resp: 29388
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.89 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX022299.D
Acq: 01 Jun 2021 18:34

Tgt Ion: 75 Resp: 29388
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.1 37.9 56.9#

