

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062222\
 Data File : VX029722.D
 Acq On : 23 Jun 2022 05:21
 Operator : JC/MD
 Sample : N3293-01
 Misc : 1.05g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 30873

Quant Time: Jun 23 07:20:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

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

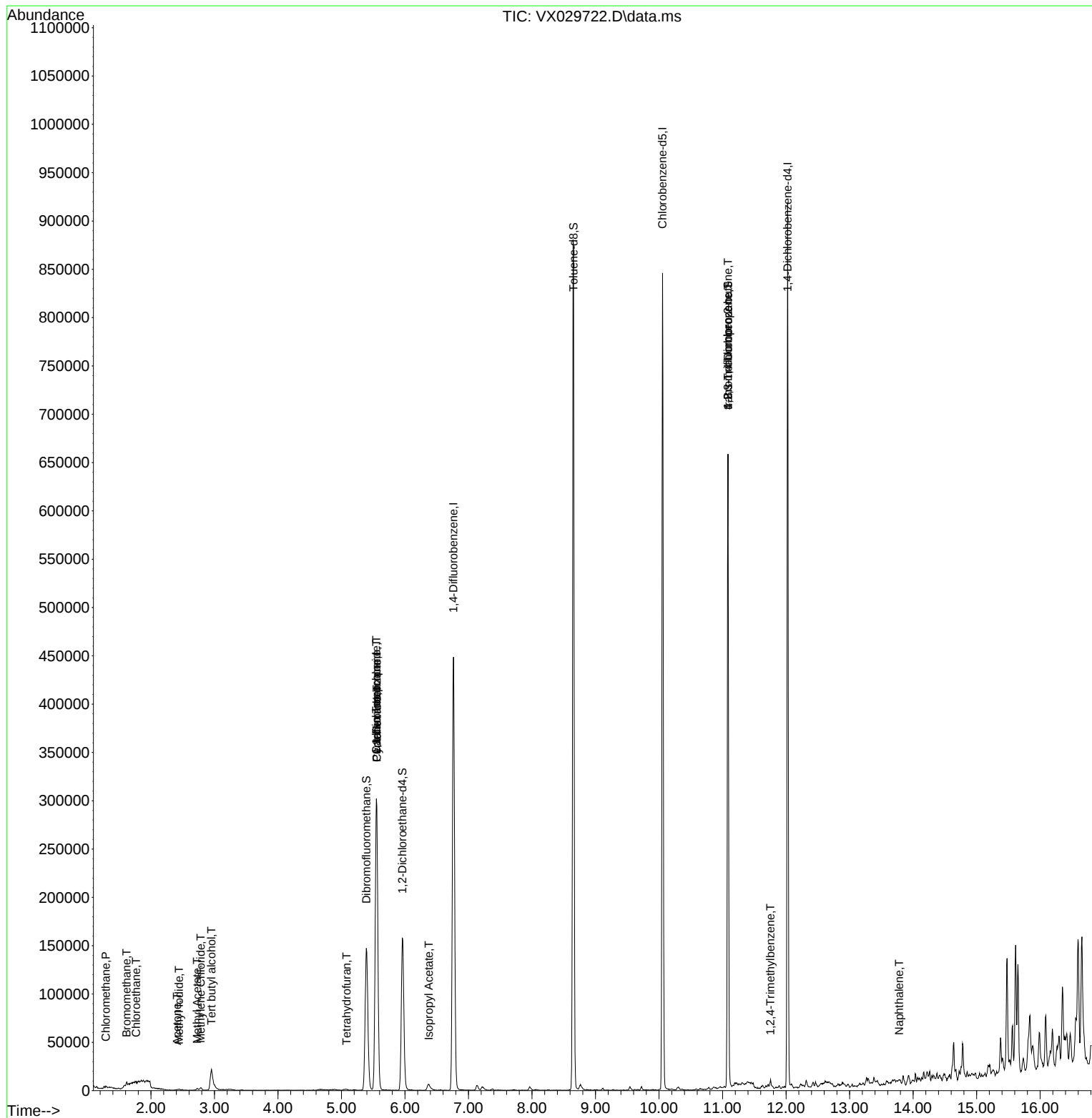
Internal Standards						
1) Pentafluorobenzene	5.556	168	302725	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	499324	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	422348	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	192345	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	158002	39.429	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	78.860%
35) Dibromofluoromethane	5.391	113	138738	42.636	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	85.280%
50) Toluene-d8	8.653	98	558000	46.940	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.880%
62) 4-Bromofluorobenzene	11.085	95	196572	43.849	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.700%
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	995	0.252	ug/l	99
5) Bromomethane	1.618	94	1300	0.701	ug/l	90
6) Chloroethane	1.764	64	190	1.358	ug/l #	43
10) Methyl Iodide	2.441	142	1114	3.307	ug/l #	95
11) Tert butyl alcohol	2.953	59	17971	11.761	ug/l #	73
16) Acetone	2.410	43	583	0.365	ug/l #	81
18) Methyl Acetate	2.727	43	2572	0.609	ug/l	100
20) Methylene Chloride	2.782	84	1270	0.357	ug/l #	84
29) Tetrahydrofuran	5.080	42	1164	0.692	ug/l #	35
31) Cyclohexane	5.556	56	5228	0.972	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	21614	4.908	ug/l #	50
38) Carbon Tetrachloride	5.550	117	30173	6.967	ug/l #	16
43) Isopropyl Acetate	6.373	43	4251	0.606	ug/l #	56
44) Trichloroethene	7.129	130	1314	Below Cal		99
76) 1,2,3-Trichloropropane	11.085	75	92246	22.015	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	92246	73.237	ug/l #	15
84) 1,2,4-Trimethylbenzene	11.756	105	3319	0.274	ug/l	94
95) Naphthalene	13.780	128	4402	0.326	ug/l #	93

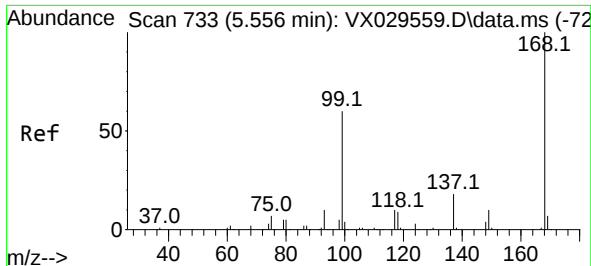
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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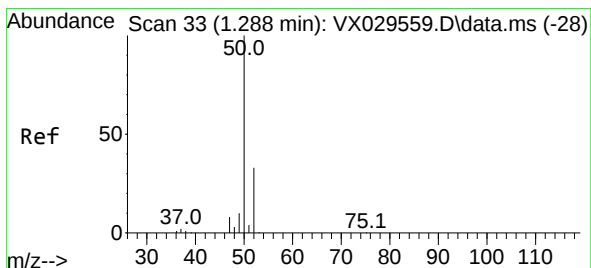
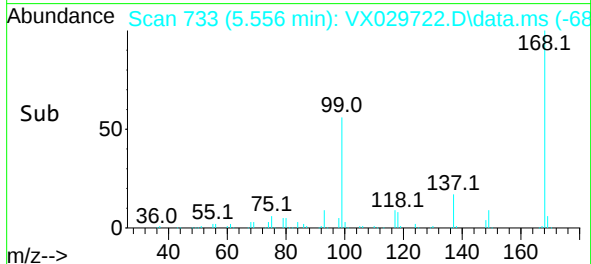
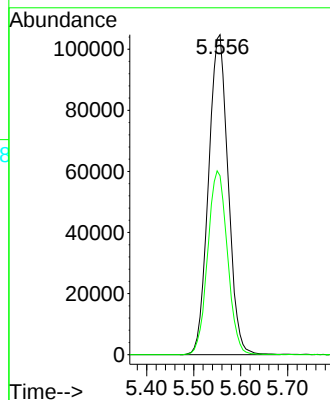
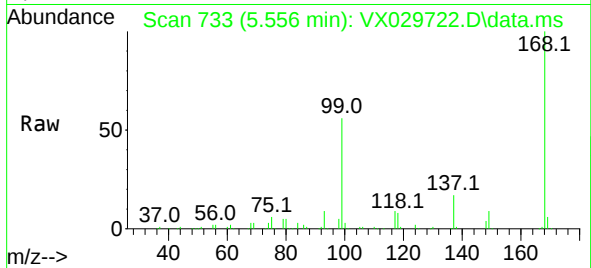




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029722.D
Acq: 23 Jun 2022 05:21

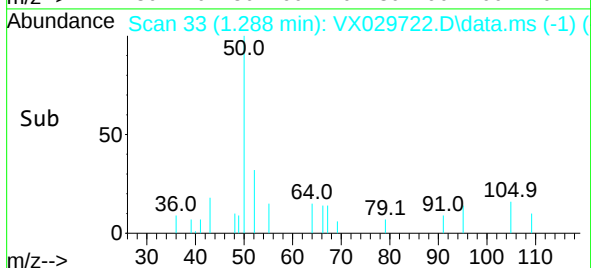
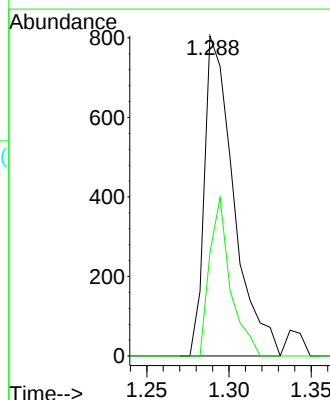
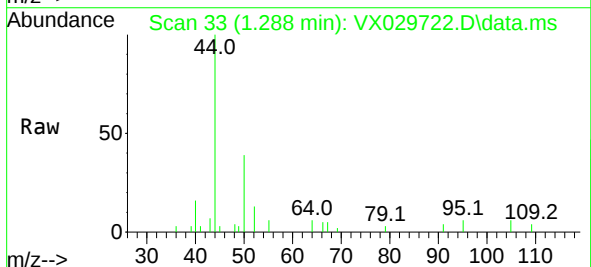
Instrument :
MSVOA_X
ClientSampleId :
30873

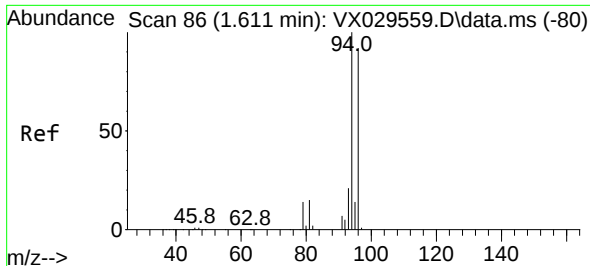
Tgt Ion:168 Resp: 302725
Ion Ratio Lower Upper
168 100
99 55.9 41.7 62.5



#3
Chloromethane
Concen: 0.252 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX029722.D
Acq: 23 Jun 2022 05:21

Tgt Ion: 50 Resp: 995
Ion Ratio Lower Upper
50 100
52 32.3 26.4 39.6

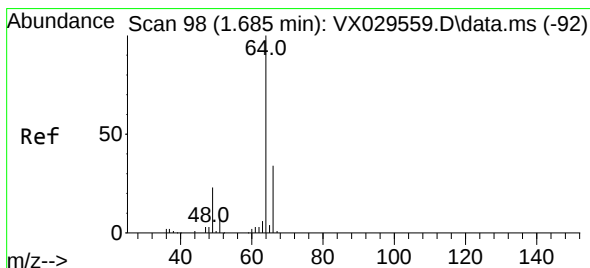
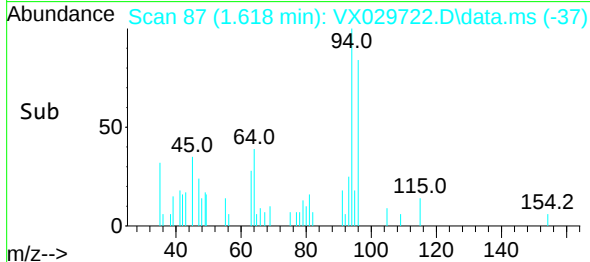
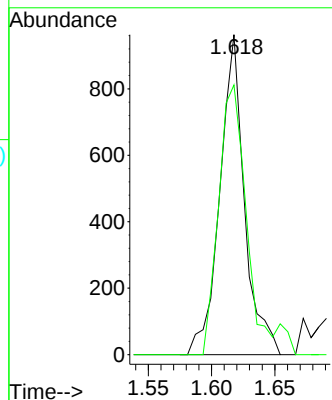
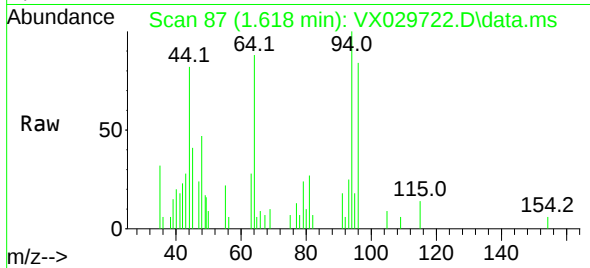




#5
Bromomethane
Concen: 0.701 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.007 min
Lab File: VX029722.D
Acq: 23 Jun 2022 05:21

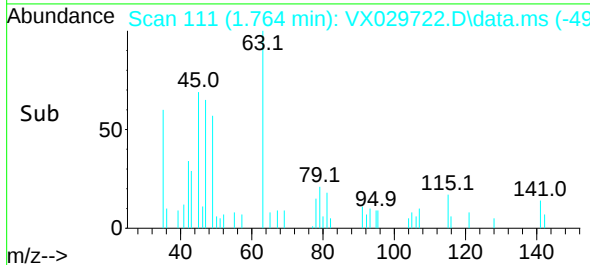
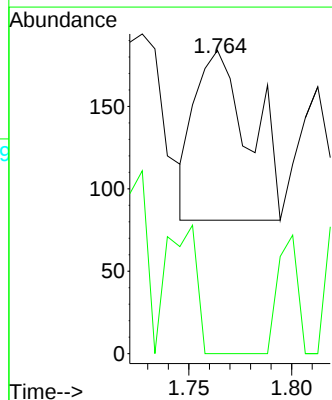
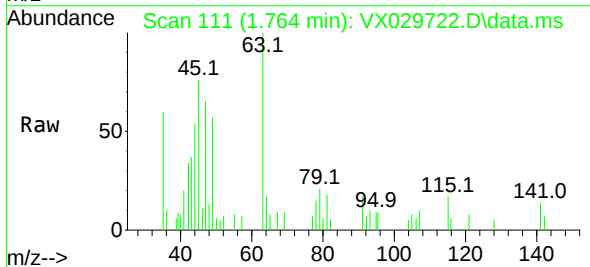
Instrument :
MSVOA_X
ClientSampleId :
30873

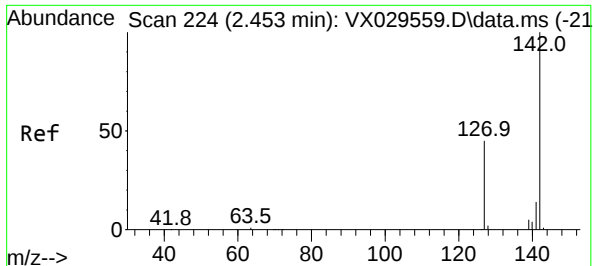
Tgt Ion: 94 Resp: 1300
Ion Ratio Lower Upper
94 100
96 84.3 75.3 112.9



#6
Chloroethane
Concen: 1.358 ug/l
RT: 1.764 min Scan# 111
Delta R.T. 0.079 min
Lab File: VX029722.D
Acq: 23 Jun 2022 05:21

Tgt Ion: 64 Resp: 190
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#

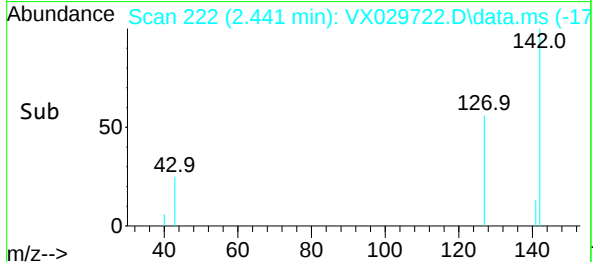
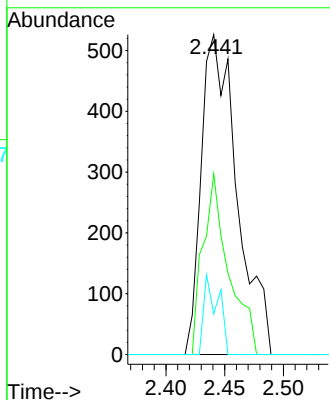
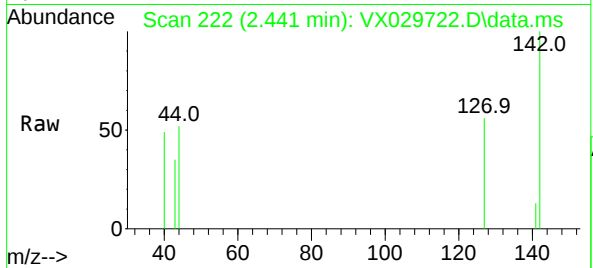




#10
Methyl Iodide
Concen: 3.307 ug/l
RT: 2.441 min Scan# 21
Delta R.T. -0.012 min
Lab File: VX029722.D
Acq: 23 Jun 2022 05:21

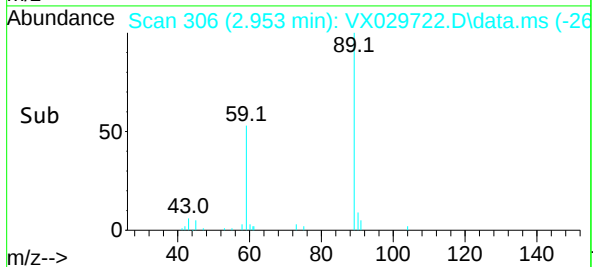
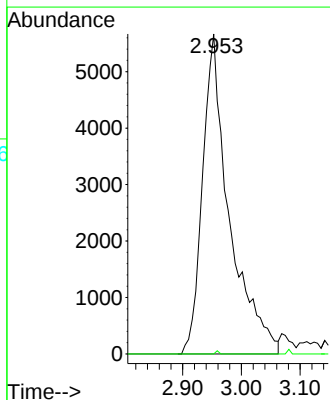
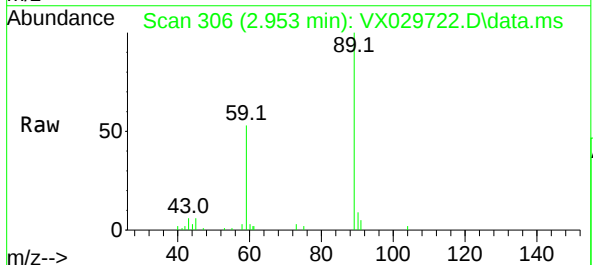
Instrument :
MSVOA_X
ClientSampleId :
30873

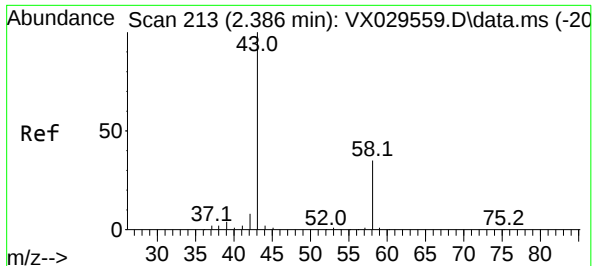
Tgt Ion:142 Resp: 1114
Ion Ratio Lower Upper
142 100
127 40.8 33.9 50.9
141 10.1 11.4 17.2#



#11
Tert butyl alcohol
Concen: 11.761 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX029722.D
Acq: 23 Jun 2022 05:21

Tgt Ion: 59 Resp: 17971
Ion Ratio Lower Upper
59 100
57 0.1 8.3 12.5#

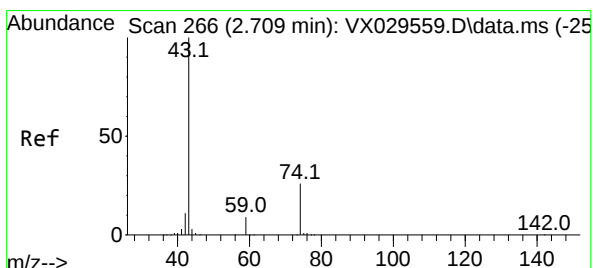
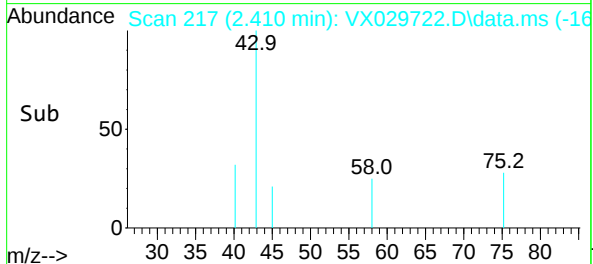
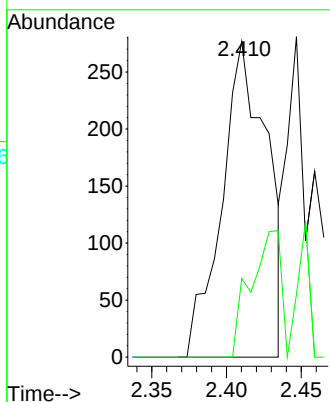
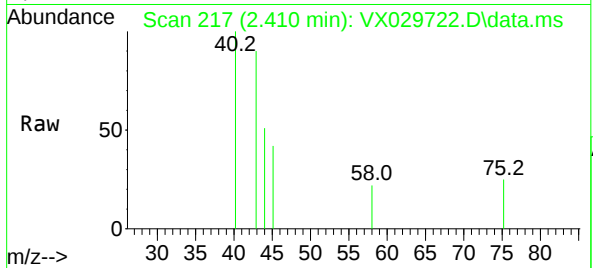




#16
Acetone
Concen: 0.365 ug/l
RT: 2.410 min Scan# 213
Delta R.T. 0.024 min
Lab File: VX029722.D
Acq: 23 Jun 2022 05:21

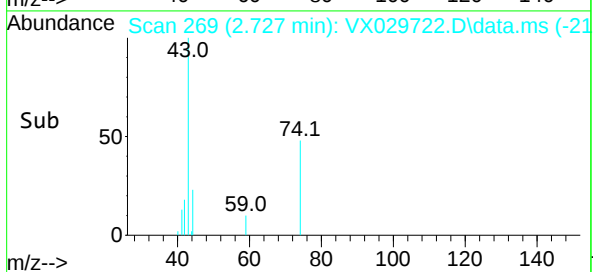
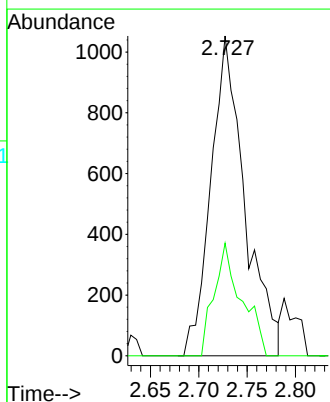
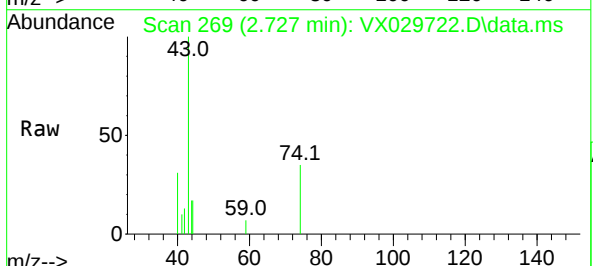
Instrument :
MSVOA_X
ClientSampleId :
30873

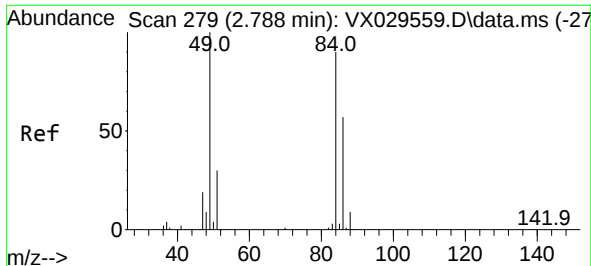
Tgt Ion: 43 Resp: 583
Ion Ratio Lower Upper
43 100
58 24.9 28.8 43.2#



#18
Methyl Acetate
Concen: 0.609 ug/l
RT: 2.727 min Scan# 269
Delta R.T. 0.018 min
Lab File: VX029722.D
Acq: 23 Jun 2022 05:21

Tgt Ion: 43 Resp: 2572
Ion Ratio Lower Upper
43 100
74 28.5 22.8 34.2

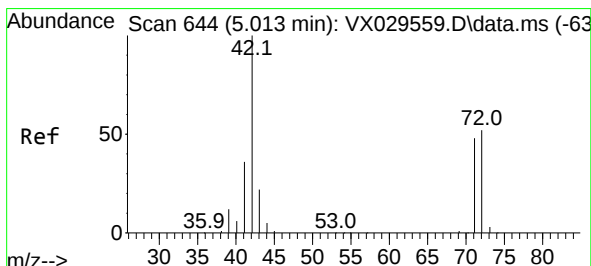
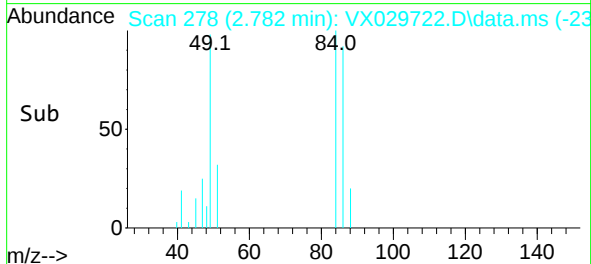
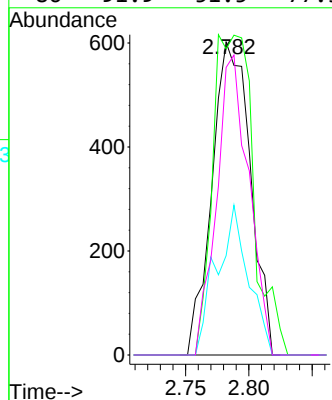
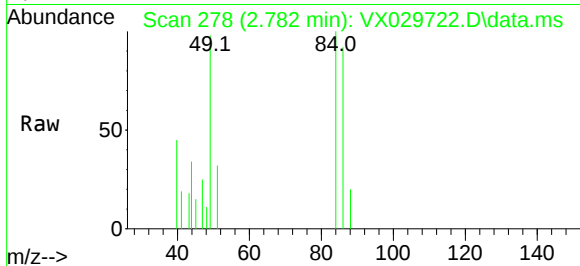




#20
Methylene Chloride
Concen: 0.357 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX029722.D
Acq: 23 Jun 2022 05:21

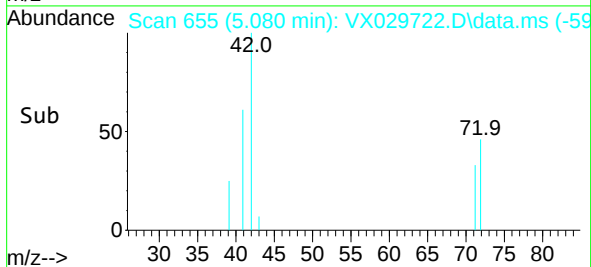
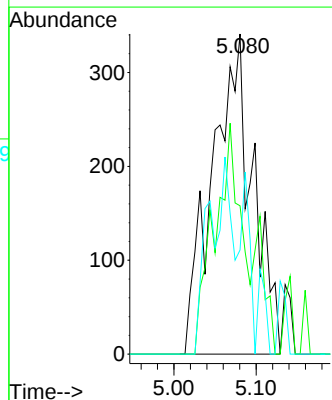
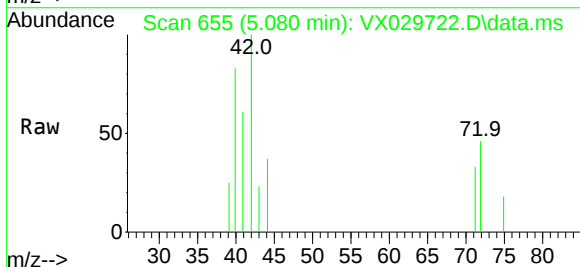
Instrument :
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ClientSampleId :
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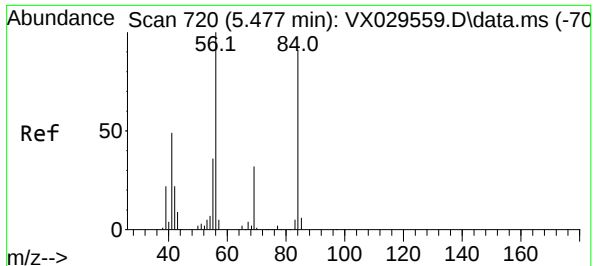
Tgt Ion:	84	Resp:	1270
Ion	Ratio	Lower	Upper
84	100		
49	97.8	85.5	128.3
51	31.7	26.6	39.8
86	91.9	51.5	77.3#



#29
Tetrahydrofuran
Concen: 0.692 ug/l
RT: 5.080 min Scan# 655
Delta R.T. 0.067 min
Lab File: VX029722.D
Acq: 23 Jun 2022 05:21

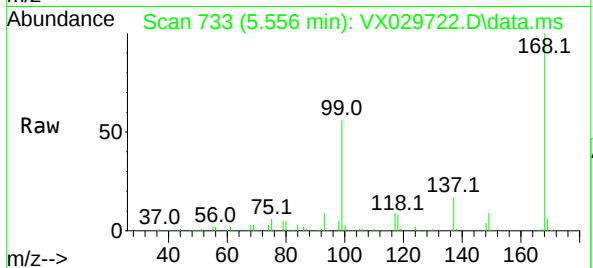
Tgt Ion:	42	Resp:	1164
Ion	Ratio	Lower	Upper
42	100		
72	0.0	44.1	66.1#
71	13.4	40.5	60.7#



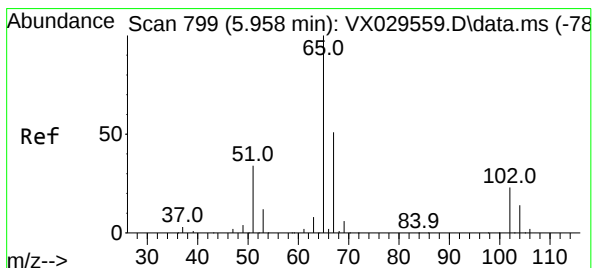
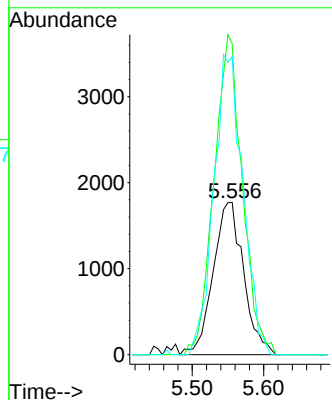
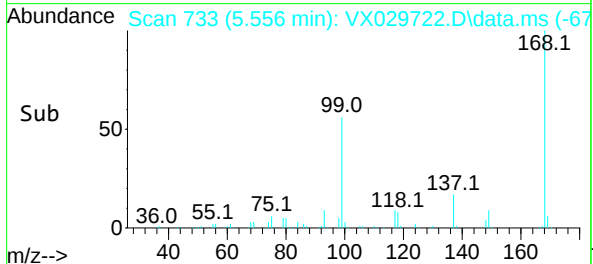


#31
Cyclohexane
Concen: 0.972 ug/l
RT: 5.556 min Scan# 711
Delta R.T. 0.079 min
Lab File: VX029722.D
Acq: 23 Jun 2022 05:21

Instrument :
MSVOA_X
ClientSampleId :
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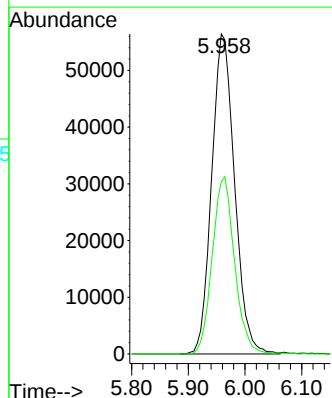
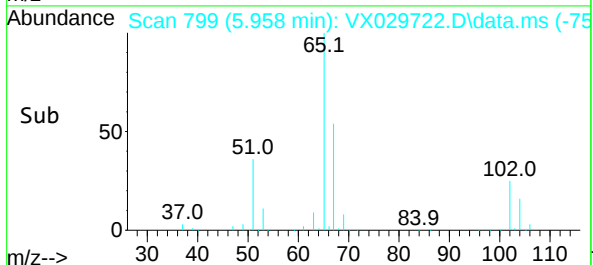
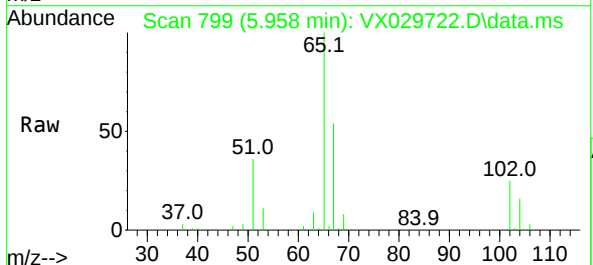


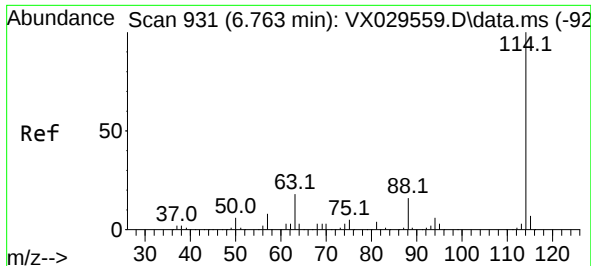
Tgt Ion: 56 Resp: 5228
Ion Ratio Lower Upper
56 100
69 204.2 26.7 40.1#
84 195.7 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 39.429 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029722.D
Acq: 23 Jun 2022 05:21

Tgt Ion: 65 Resp: 158002
Ion Ratio Lower Upper
65 100
67 54.0 0.0 107.4

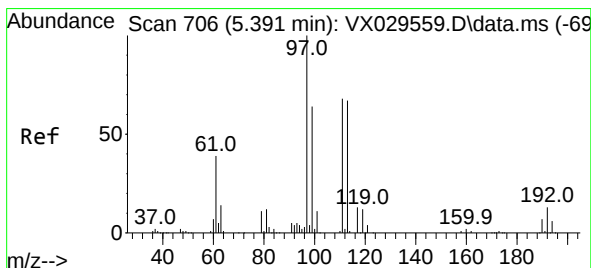
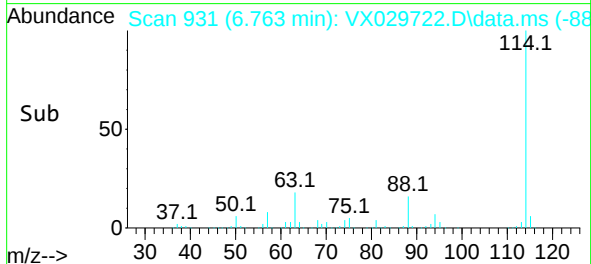
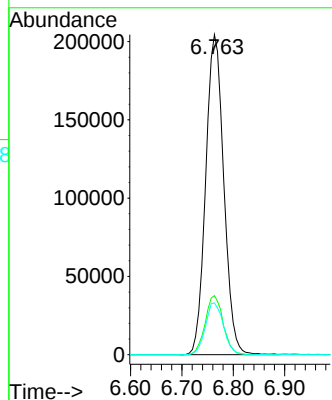
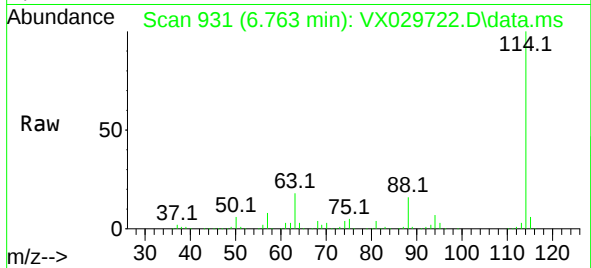




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX029722.D
Acq: 23 Jun 2022 05:21

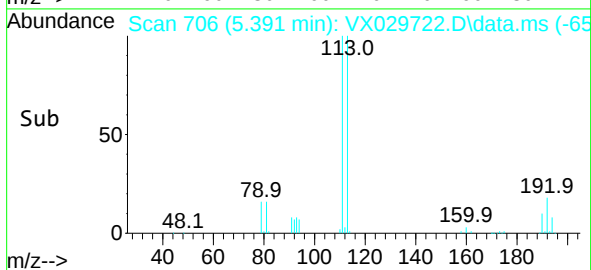
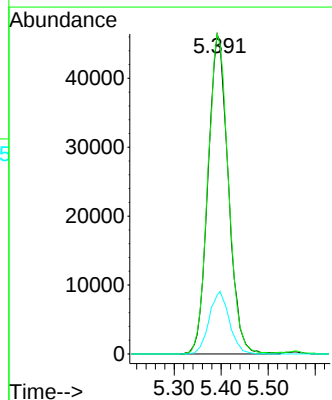
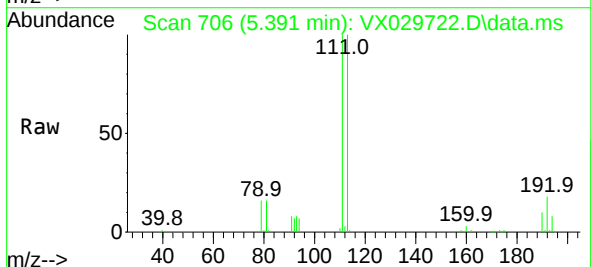
Instrument :
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ClientSampleId :
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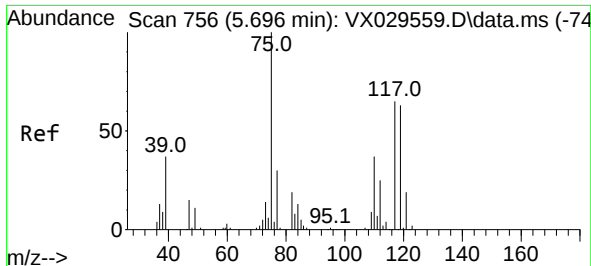
Tgt Ion:114 Resp: 499324
Ion Ratio Lower Upper
114 100
63 18.5 0.0 36.8
88 16.2 0.0 32.4



#35
Dibromofluoromethane
Concen: 42.636 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029722.D
Acq: 23 Jun 2022 05:21

Tgt Ion:113 Resp: 138738
Ion Ratio Lower Upper
113 100
111 100.7 82.8 124.2
192 19.4 16.9 25.3

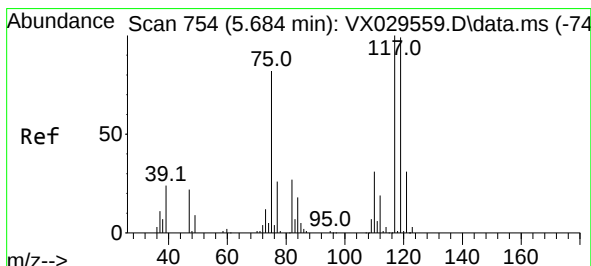
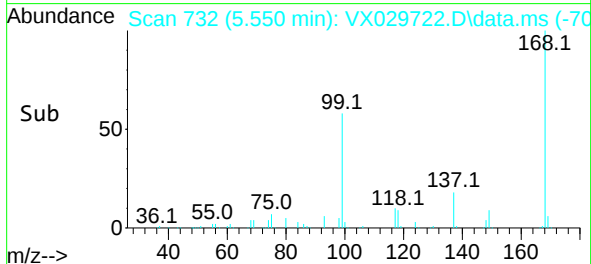
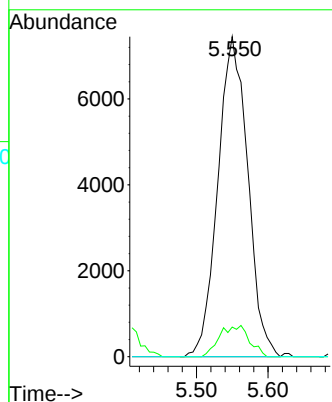
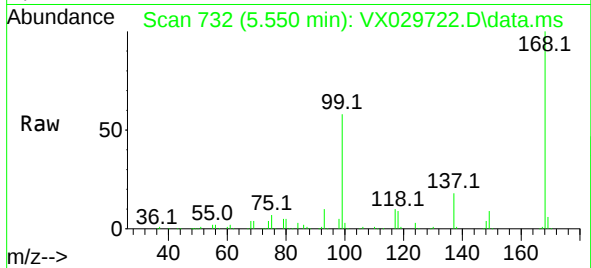




#36
1,1-Dichloropropene
Concen: 4.908 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX029722.D
Acq: 23 Jun 2022 05:21

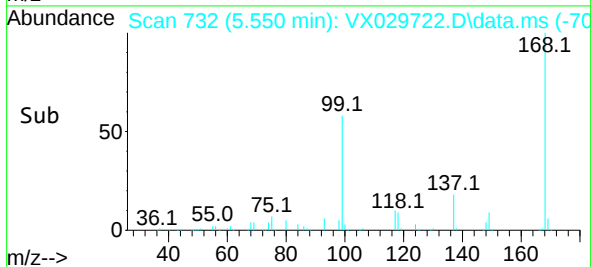
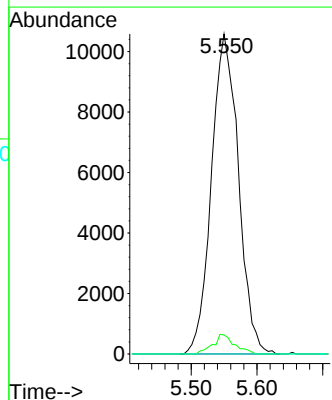
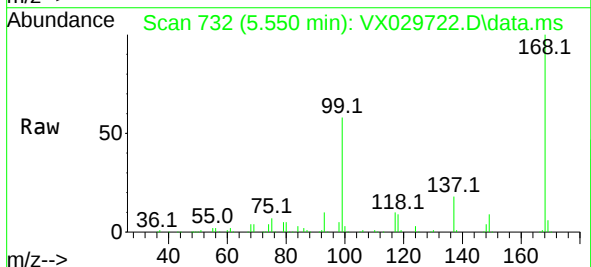
Instrument :
MSVOA_X
ClientSampleId :
30873

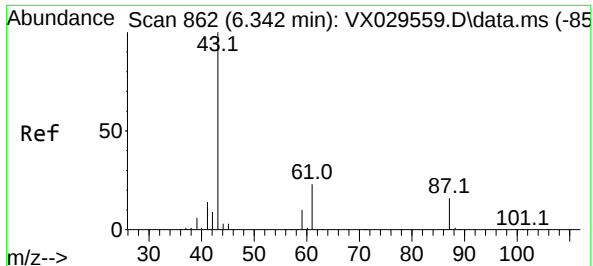
Tgt Ion: 75 Resp: 21614
Ion Ratio Lower Upper
75 100
110 9.7 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 6.967 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX029722.D
Acq: 23 Jun 2022 05:21

Tgt Ion: 117 Resp: 30173
Ion Ratio Lower Upper
117 100
119 5.9 77.3 115.9#
121 0.0 24.2 36.2#





#43

Isopropyl Acetate

Concen: 0.606 ug/l

RT: 6.373 min Scan# 8

Delta R.T. 0.031 min

Lab File: VX029722.D

Acq: 23 Jun 2022 05:21

Instrument :

MSVOA_X

ClientSampleId :

30873

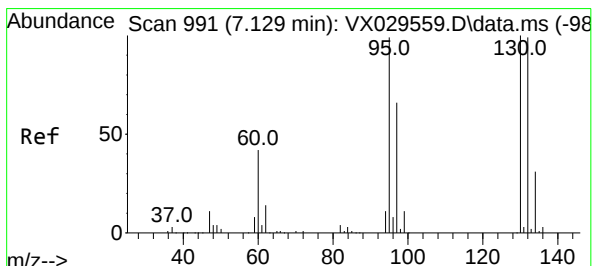
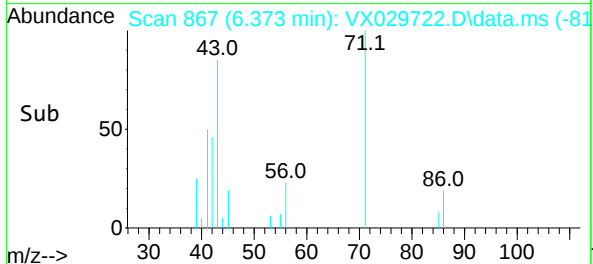
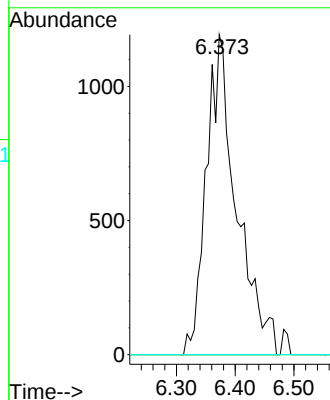
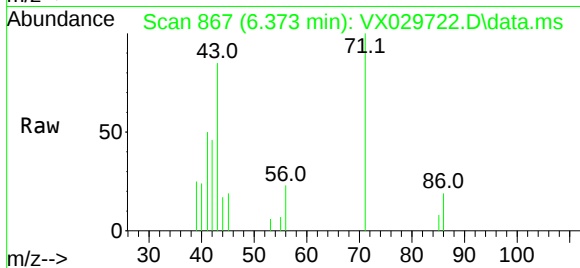
Tgt Ion: 43 Resp: 4251

Ion Ratio Lower Upper

43 100

61 0.0 18.5 27.7#

87 0.0 13.0 19.6#



#44

Trichloroethene

Concen: Below Cal

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX029722.D

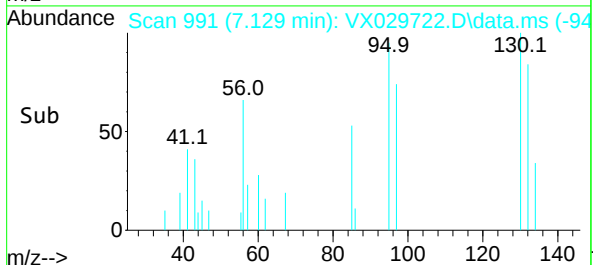
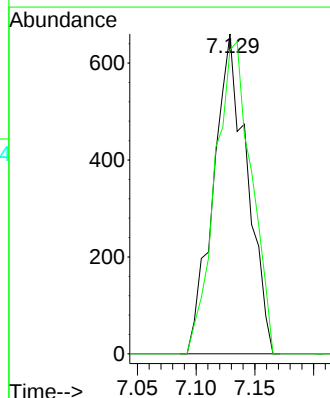
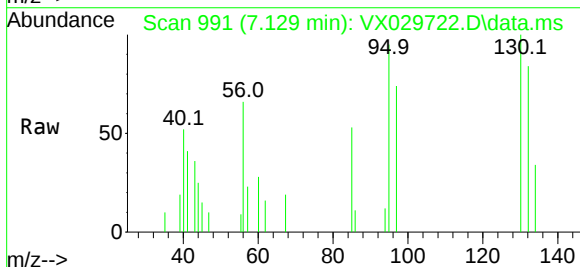
Acq: 23 Jun 2022 05:21

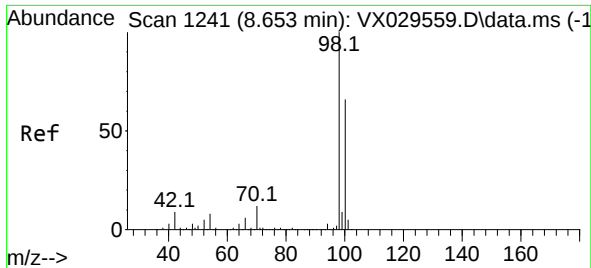
Tgt Ion:130 Resp: 1314

Ion Ratio Lower Upper

130 100

95 95.0 0.0 188.8

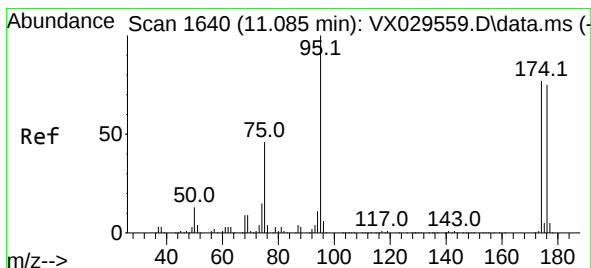
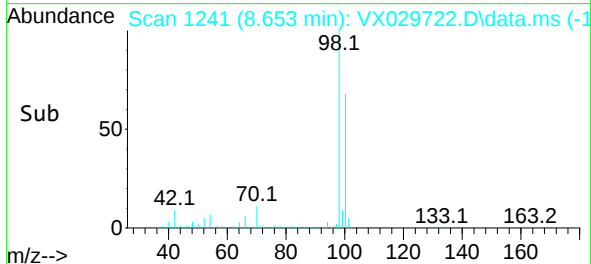
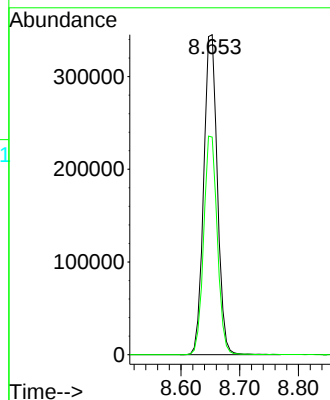
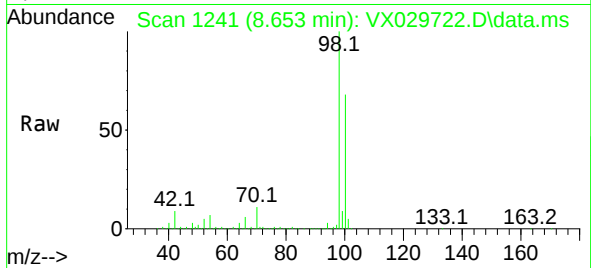




#50
Toluene-d8
Concen: 46.940 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029722.D
Acq: 23 Jun 2022 05:21

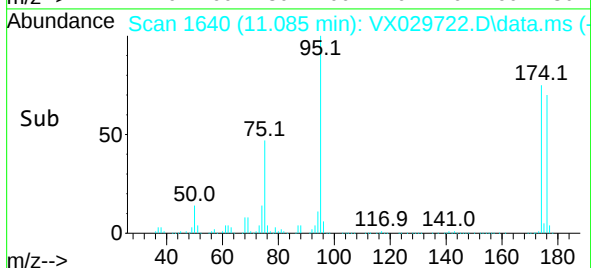
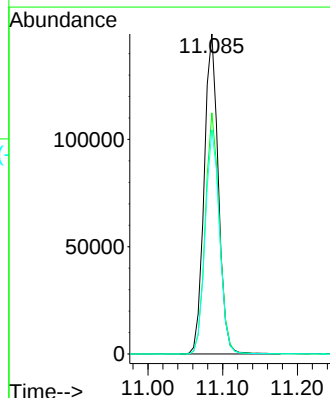
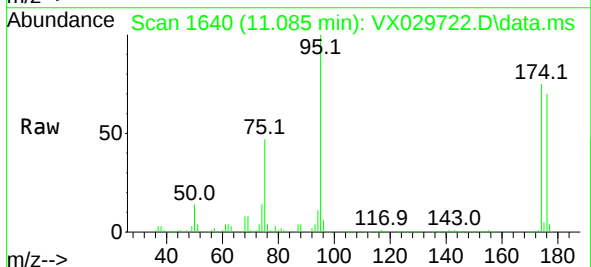
Instrument :
MSVOA_X
ClientSampleId :
30873

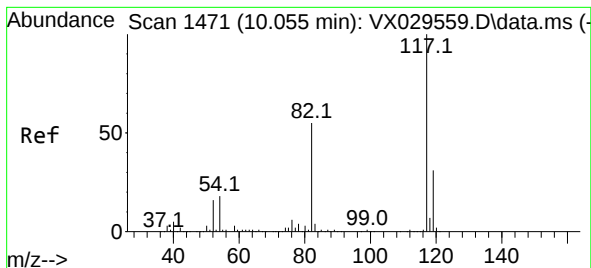
Tgt Ion: 98 Resp: 558000
Ion Ratio Lower Upper
98 100
100 68.0 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 43.849 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX029722.D
Acq: 23 Jun 2022 05:21

Tgt Ion: 95 Resp: 196572
Ion Ratio Lower Upper
95 100
174 74.9 0.0 163.0
176 70.9 0.0 155.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX029722.D

Acq: 23 Jun 2022 05:21

Instrument :

MSVOA_X

ClientSampleId :

30873

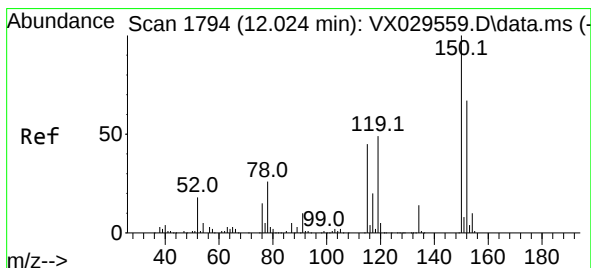
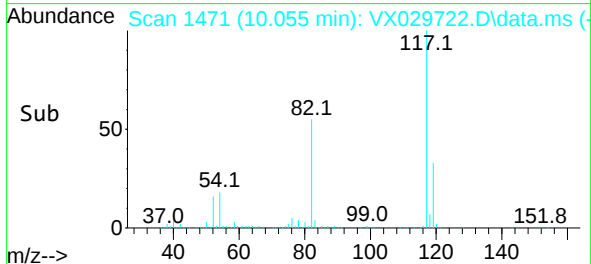
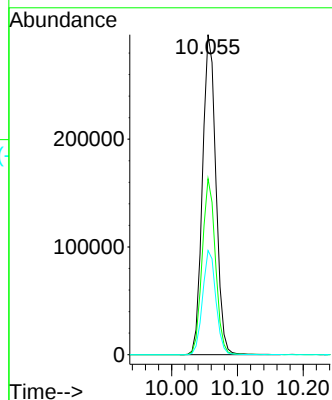
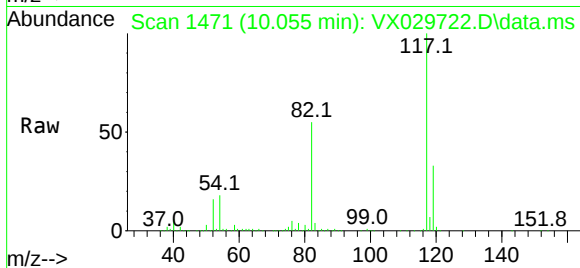
Tgt Ion:117 Resp: 422348

Ion Ratio Lower Upper

117 100

82 55.0 41.8 62.8

119 32.6 24.8 37.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX029722.D

Acq: 23 Jun 2022 05:21

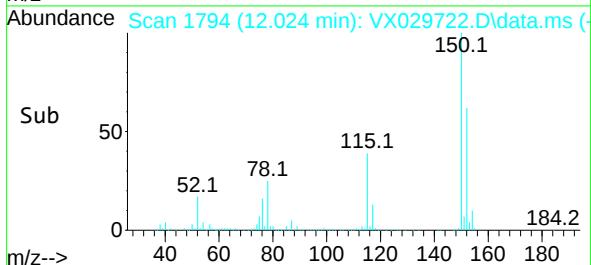
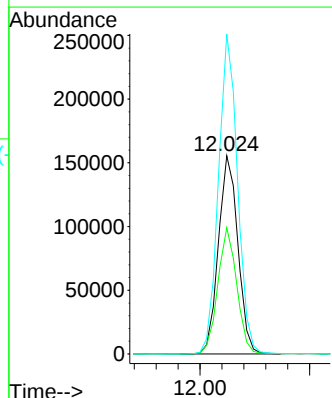
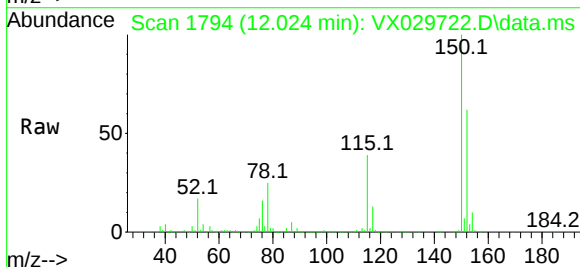
Tgt Ion:152 Resp: 192345

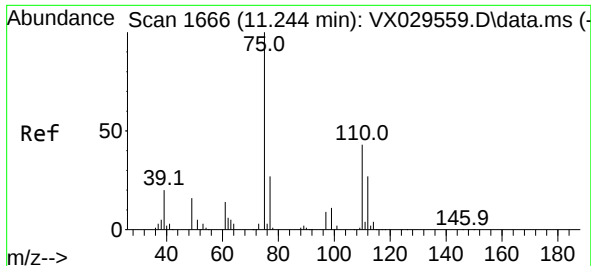
Ion Ratio Lower Upper

152 100

115 61.9 37.5 112.7

150 158.0 0.0 338.2

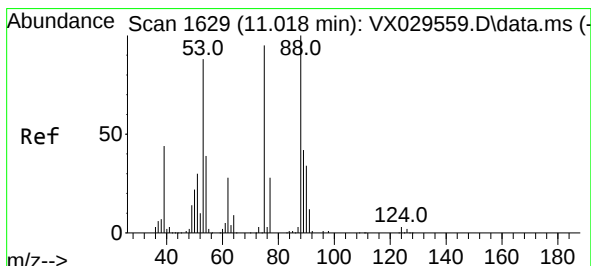
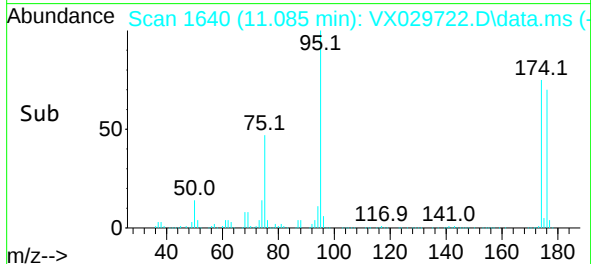
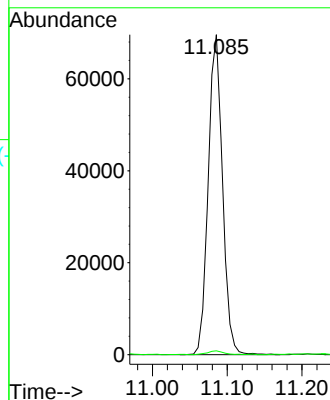
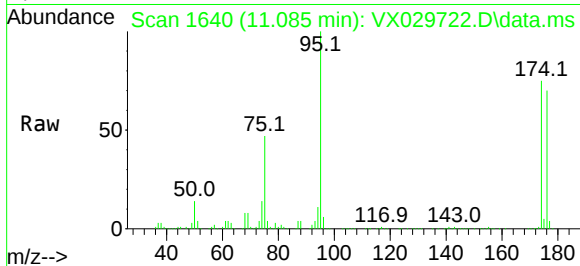




#76
1,2,3-Trichloropropane
Concen: 22.015 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX029722.D
Acq: 23 Jun 2022 05:21

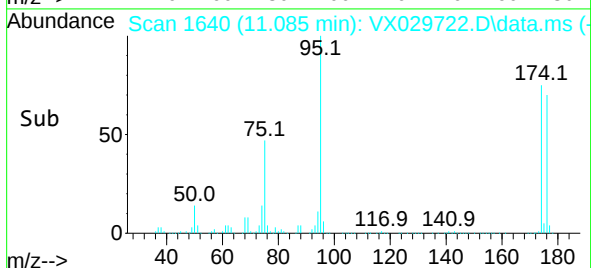
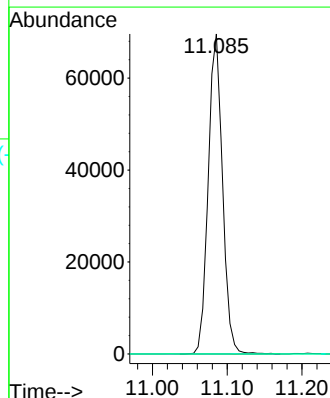
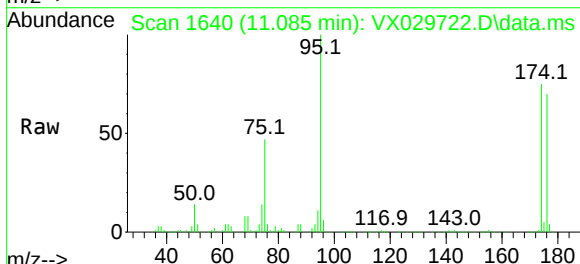
Instrument :
MSVOA_X
ClientSampleId :
30873

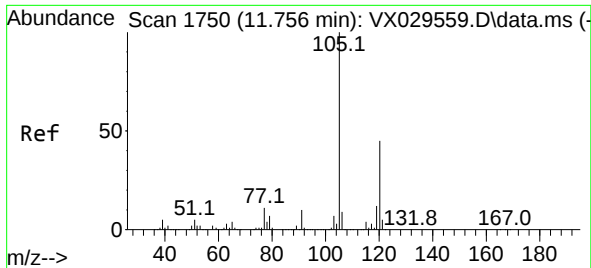
Tgt Ion: 75 Resp: 92246
Ion Ratio Lower Upper
75 100
77 1.4 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.237 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX029722.D
Acq: 23 Jun 2022 05:21

Tgt Ion: 75 Resp: 92246
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

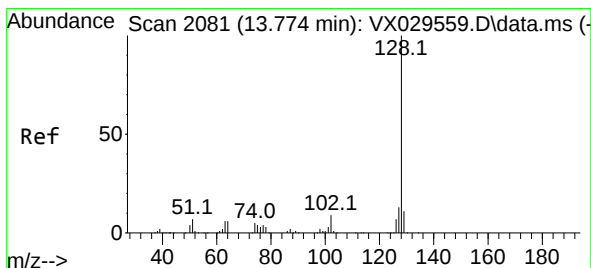
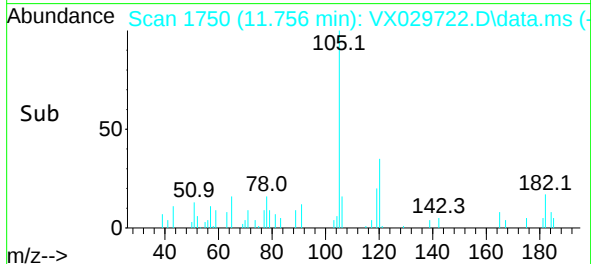
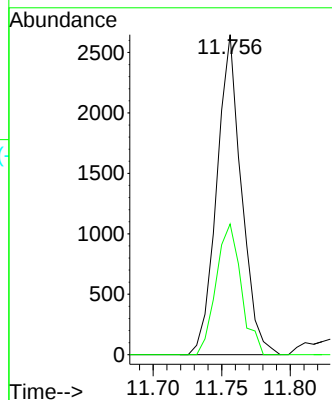
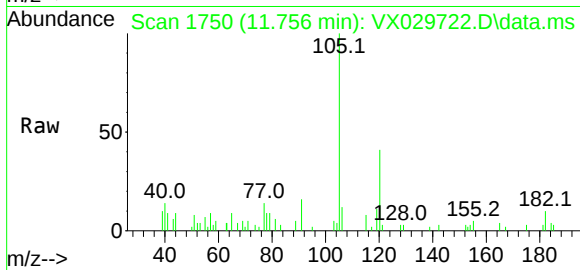




#84
 1,2,4-Trimethylbenzene
 Concen: 0.274 ug/l
 RT: 11.756 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX029722.D
 Acq: 23 Jun 2022 05:21

Instrument :
 MSVOA_X
 ClientSampleId :
 30873

Tgt Ion:105 Resp: 3319
 Ion Ratio Lower Upper
 105 100
 120 41.2 22.6 67.8



#95
 Naphthalene
 Concen: 0.326 ug/l
 RT: 13.780 min Scan# 2082
 Delta R.T. 0.006 min
 Lab File: VX029722.D
 Acq: 23 Jun 2022 05:21

Tgt Ion:128 Resp: 4402
 Ion Ratio Lower Upper
 128 100
 127 15.9 10.2 15.4#
 129 8.8 8.7 13.1

