

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060822\
 Data File : VX029336.D
 Acq On : 08 Jun 2022 21:04
 Operator : JC/MD
 Sample : N3181-03 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 09 07:02:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 08 03:00:38 2022
 Response via : Initial Calibration

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

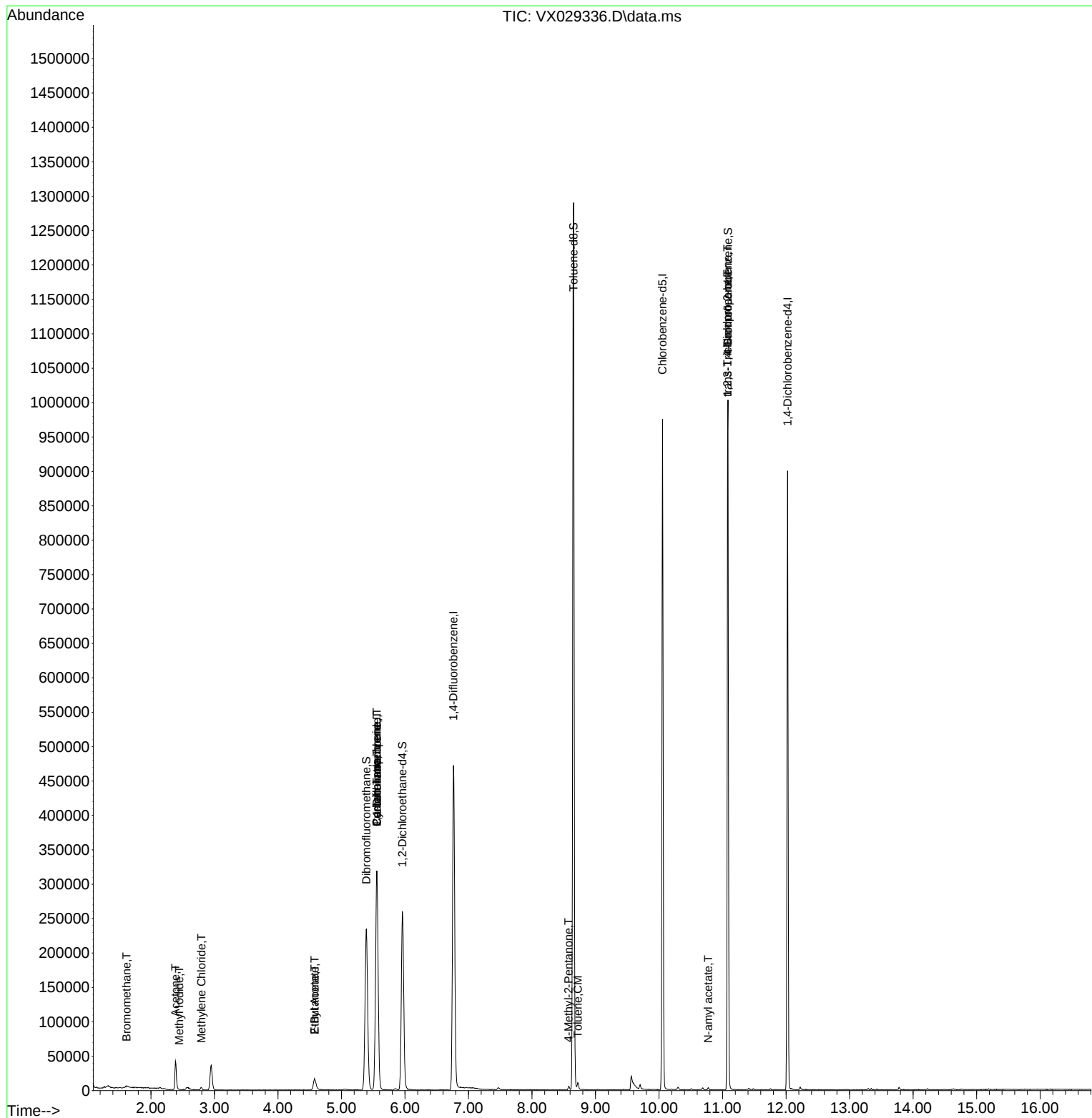
Internal Standards						
1) Pentafluorobenzene	5.556	168	294139	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	493990	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	427862	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	182232	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	254840	57.168	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	114.340%
35) Dibromofluoromethane	5.391	113	206241	49.110	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.220%
50) Toluene-d8	8.653	98	763332	51.393	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.780%
62) 4-Bromofluorobenzene	11.085	95	283488	48.773	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.540%
Target Compounds						
						Qvalue
5) Bromomethane	1.617	94	563	0.203	ug/l	99
6) Chloroethane	1.697	64	473	Below Cal	#	43
10) Methyl Iodide	2.447	142	174	1.265	ug/l	# 58
11) Tert butyl alcohol	2.947	59	21414	Below Cal	#	75
16) Acetone	2.386	43	45253	19.018	ug/l	96
20) Methylene Chloride	2.794	84	1663	0.313	ug/l	85
25) 2-Butanone	4.574	43	18831	5.003	ug/l	97
31) Cyclohexane	5.556	56	5825	0.731	ug/l	# 1
36) 1,1-Dichloropropene	5.556	75	23921	3.448	ug/l	# 49
37) Ethyl Acetate	4.574	43	18831	2.630	ug/l	# 67
38) Carbon Tetrachloride	5.556	117	30859	4.352	ug/l	# 15
41) Methacrylonitrile	5.032	41	416	Below Cal	#	26
51) 4-Methyl-2-Pentanone	8.574	43	3155	0.448	ug/l	94
52) Toluene	8.720	92	3641	0.275	ug/l	100
74) N-amyl acetate	10.774	43	1726	0.355	ug/l	# 42
76) 1,2,3-Trichloropropane	11.079	75	141041	33.136	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	141041	100.713	ug/l	# 15

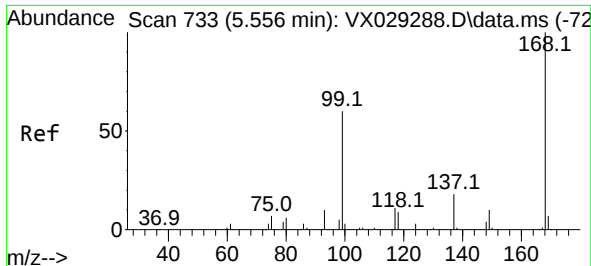
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060822\
Data File : VX029336.D
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Misc : 5.0mL/MSVOA_X/WATER
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Instrument :
MSVOA_X
ClientSampleId :

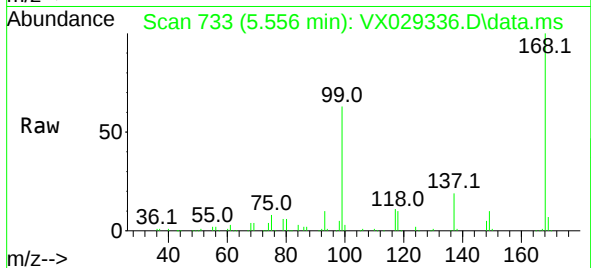
Quant Time: Jun 09 07:02:40 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060722W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 08 03:00:38 2022
Response via : Initial Calibration



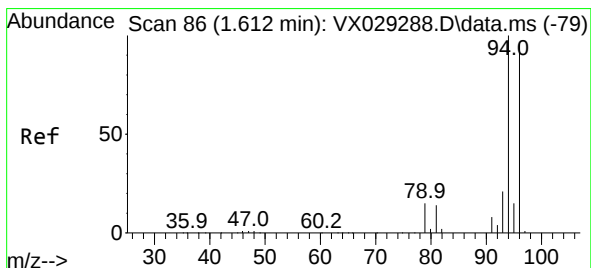
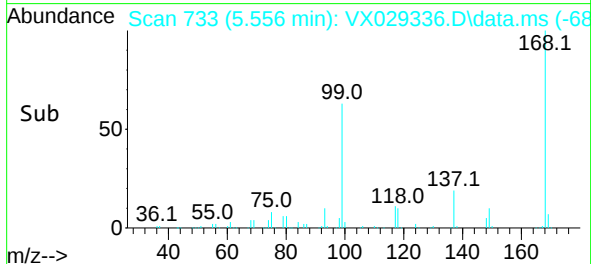
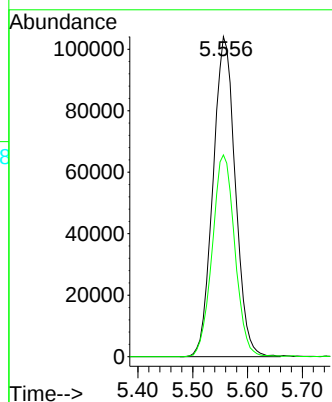


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029336.D
Acq: 08 Jun 2022 21:04

Instrument :
MSVOA_X
ClientSampleId :

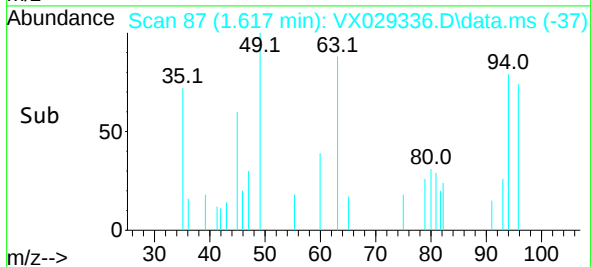
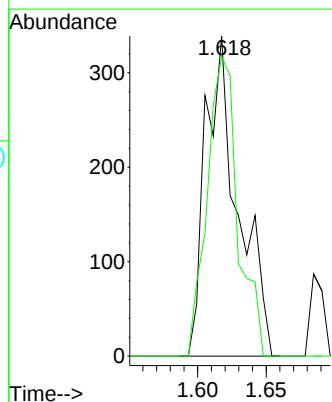
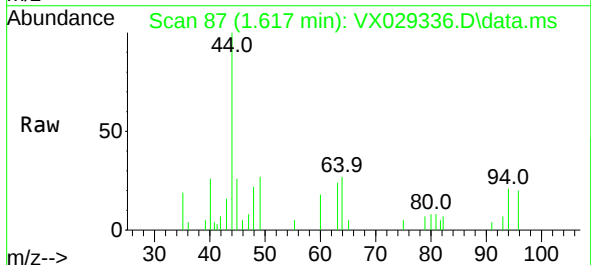


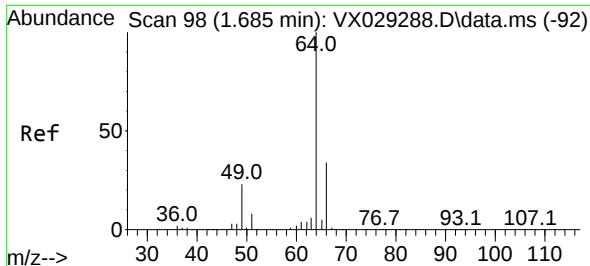
Tgt Ion:168 Resp: 294139
Ion Ratio Lower Upper
168 100
99 63.1 41.7 62.5#



#5
Bromomethane
Concen: 0.203 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.005 min
Lab File: VX029336.D
Acq: 08 Jun 2022 21:04

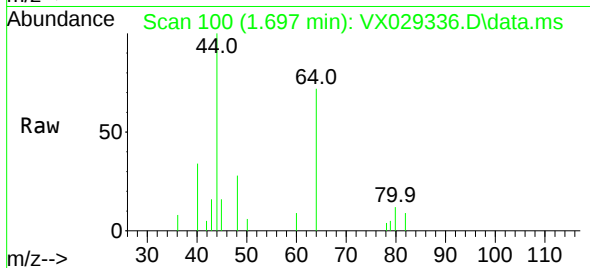
Tgt Ion: 94 Resp: 563
Ion Ratio Lower Upper
94 100
96 93.5 75.3 112.9



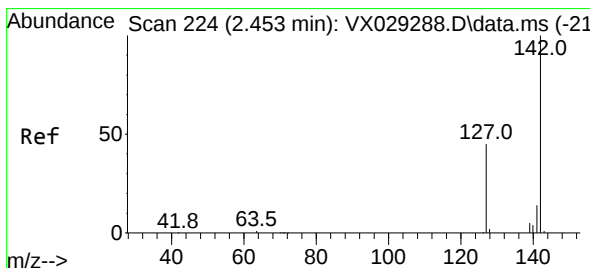
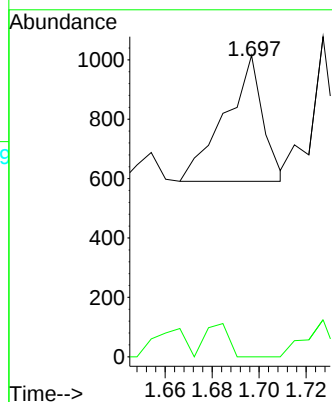
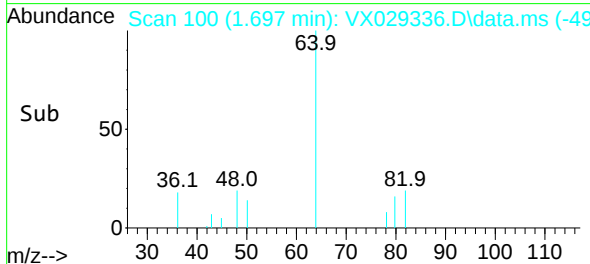


#6
Chloroethane
Concen: Below Cal
RT: 1.697 min Scan# 100
Delta R.T. 0.012 min
Lab File: VX029336.D
Acq: 08 Jun 2022 21:04

Instrument :
MSVOA_X
ClientSampleId :

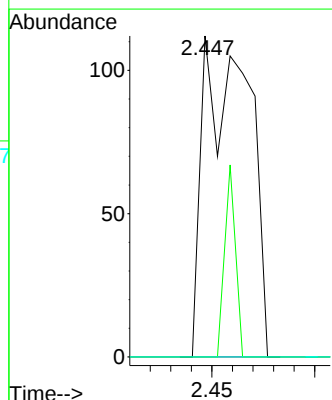
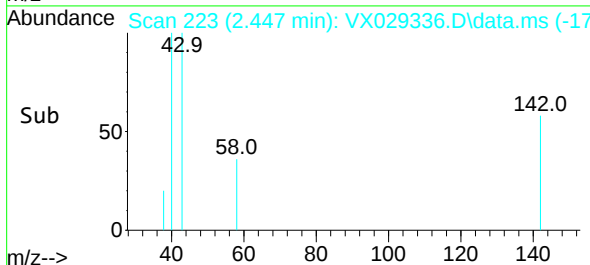
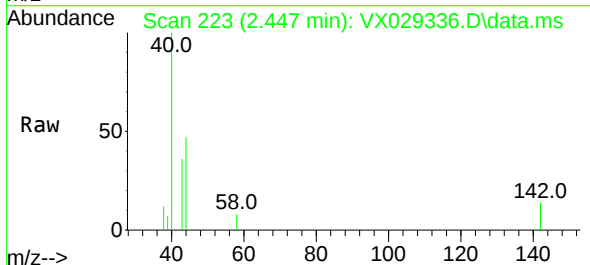


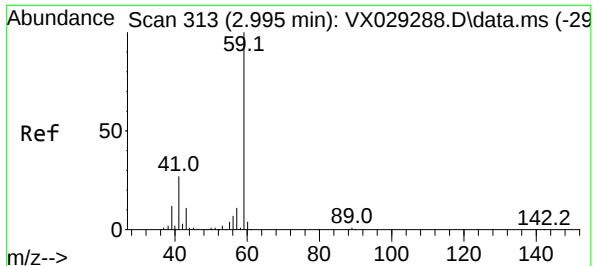
Tgt Ion: 64 Resp: 473
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#10
Methyl Iodide
Concen: 1.265 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.006 min
Lab File: VX029336.D
Acq: 08 Jun 2022 21:04

Tgt Ion: 142 Resp: 174
Ion Ratio Lower Upper
142 100
127 14.4 33.9 50.9#
141 0.0 11.4 17.2#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.947 min Scan# 30

Delta R.T. -0.048 min

Lab File: VX029336.D

Acq: 08 Jun 2022 21:04

Instrument :

MSVOA_X

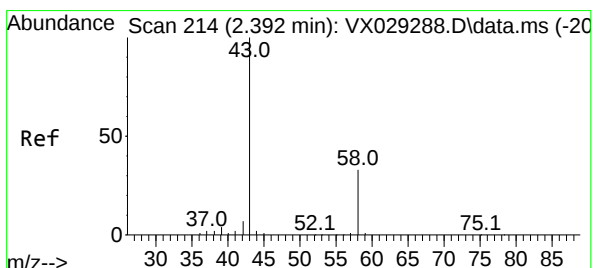
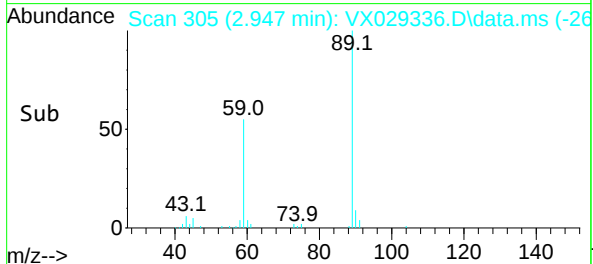
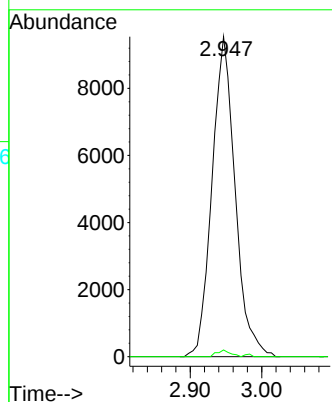
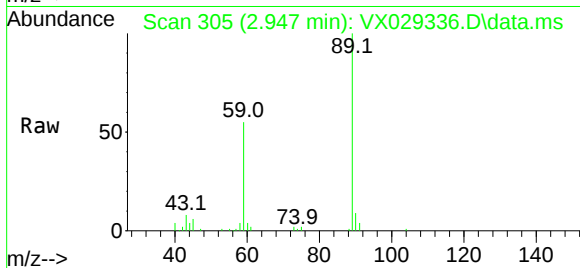
ClientSampleId :

Tgt Ion: 59 Resp: 21414

Ion Ratio Lower Upper

59 100

57 1.2 8.3 12.5#



#16

Acetone

Concen: 19.018 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX029336.D

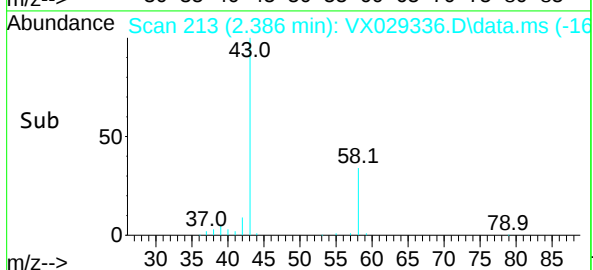
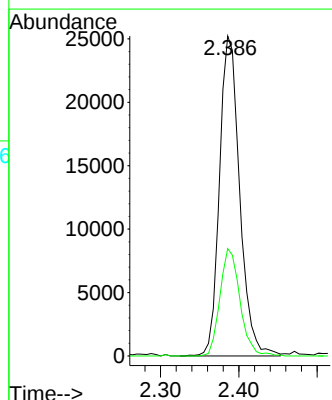
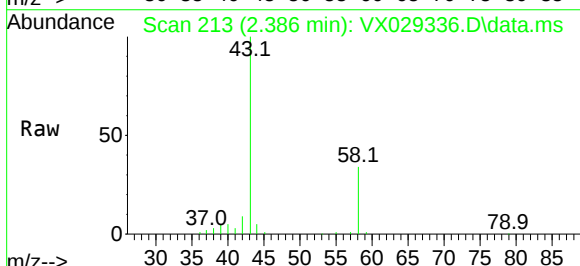
Acq: 08 Jun 2022 21:04

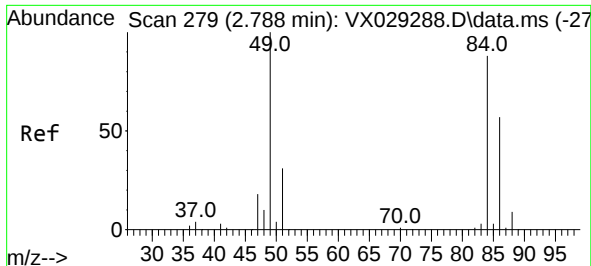
Tgt Ion: 43 Resp: 45253

Ion Ratio Lower Upper

43 100

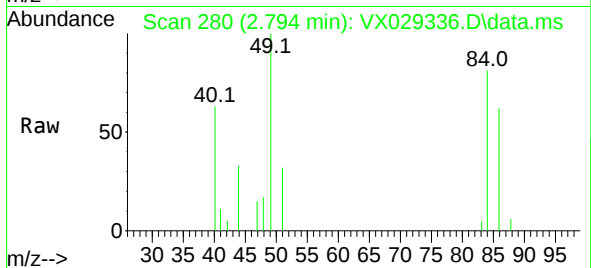
58 33.6 28.8 43.2



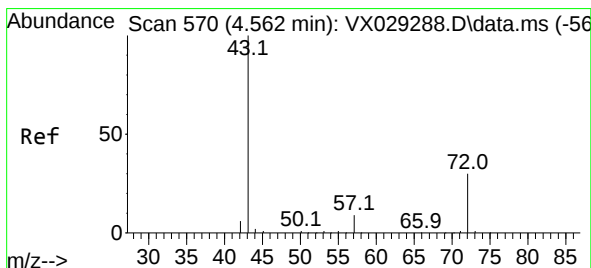
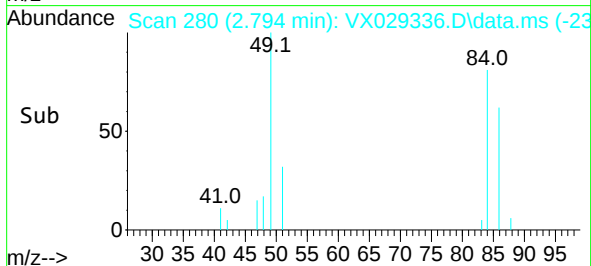
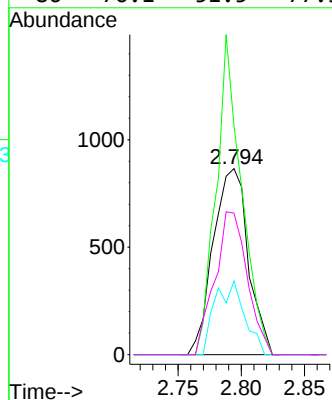


#20
Methylene Chloride
Concen: 0.313 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029336.D
Acq: 08 Jun 2022 21:04

Instrument :
MSVOA_X
ClientSampleId :

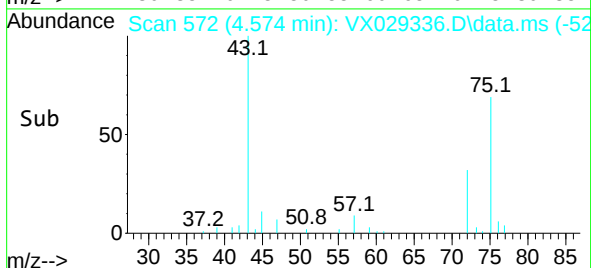
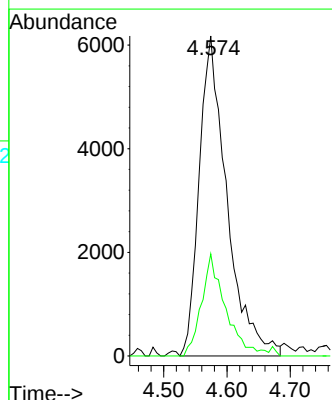
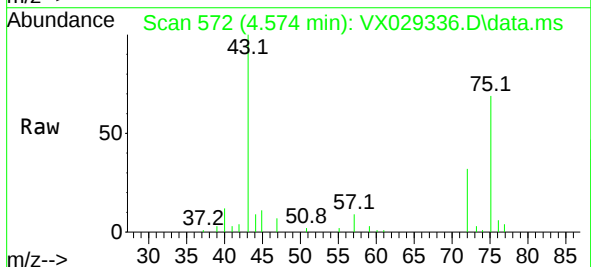


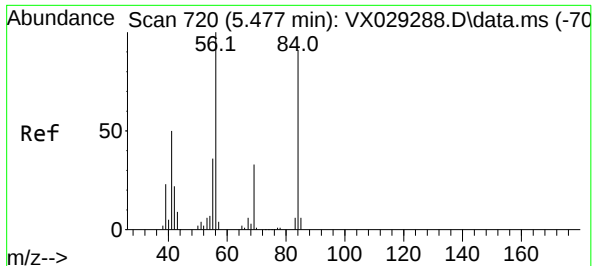
Tgt Ion: 84	Resp: 1663
Ion Ratio	Lower Upper
84 100	
49 123.1	85.5 128.3
51 39.5	26.6 39.8
86 76.1	51.5 77.3



#25
2-Butanone
Concen: 5.003 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.012 min
Lab File: VX029336.D
Acq: 08 Jun 2022 21:04

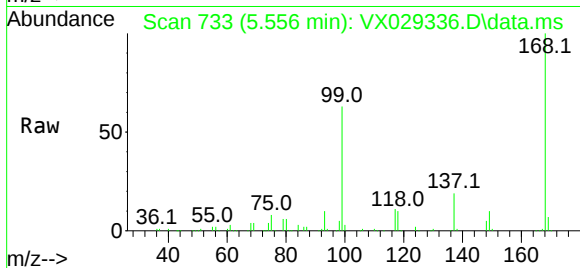
Tgt Ion: 43	Resp: 18831
Ion Ratio	Lower Upper
43 100	
72 31.9	24.4 36.6



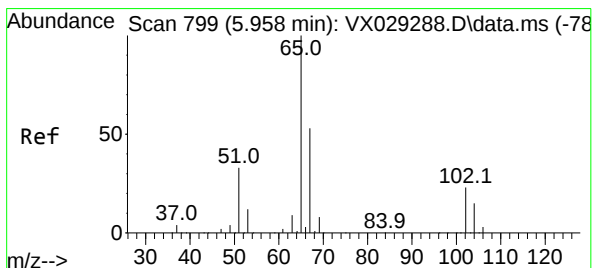
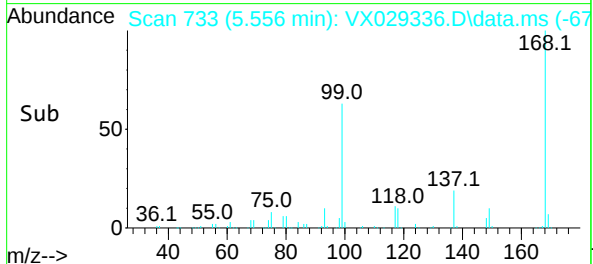
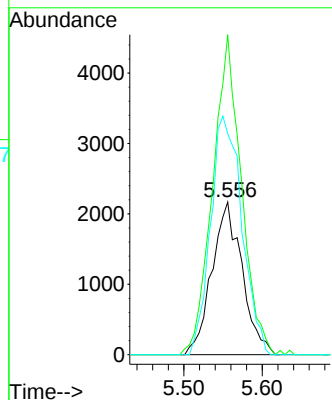


#31
Cyclohexane
Concen: 0.731 ug/l
RT: 5.556 min Scan# 713
Delta R.T. 0.079 min
Lab File: VX029336.D
Acq: 08 Jun 2022 21:04

Instrument :
MSVOA_X
ClientSampleId :

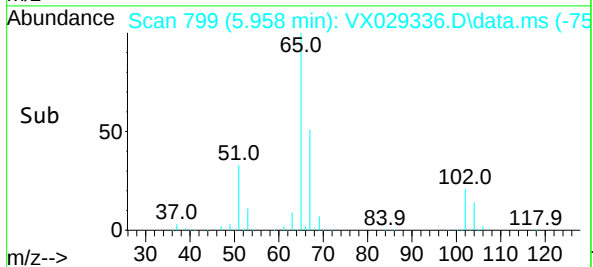
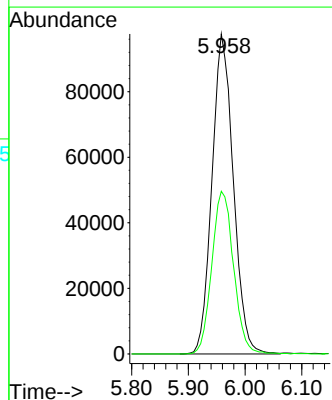
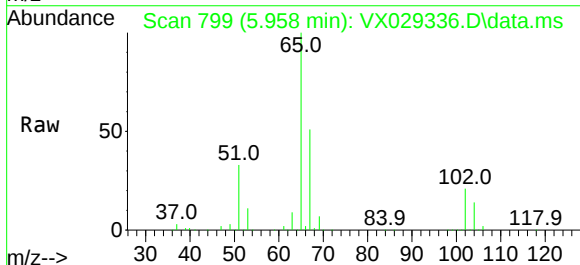


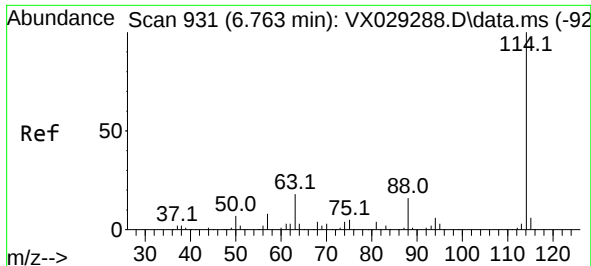
Tgt Ion: 56 Resp: 5825
Ion Ratio Lower Upper
56 100
69 209.6 26.7 40.1#
84 144.8 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 57.168 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029336.D
Acq: 08 Jun 2022 21:04

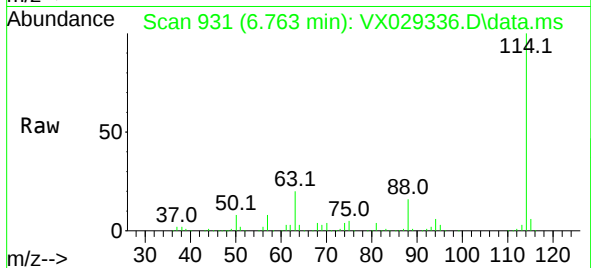
Tgt Ion: 65 Resp: 254840
Ion Ratio Lower Upper
65 100
67 51.9 0.0 107.4



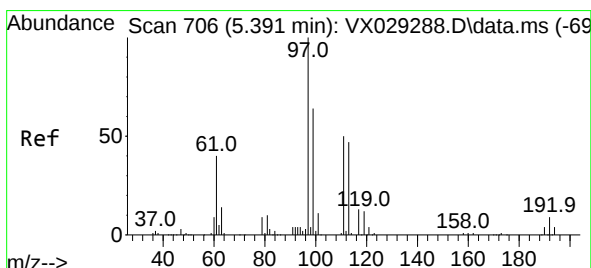
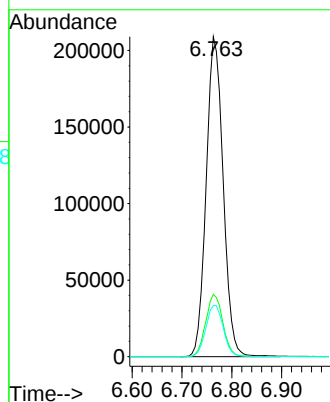
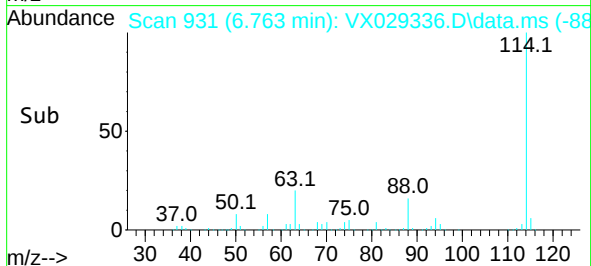


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX029336.D
Acq: 08 Jun 2022 21:04

Instrument :
MSVOA_X
ClientSampleId :

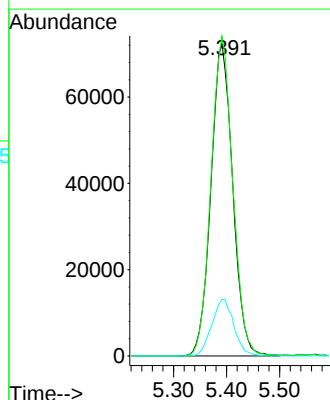
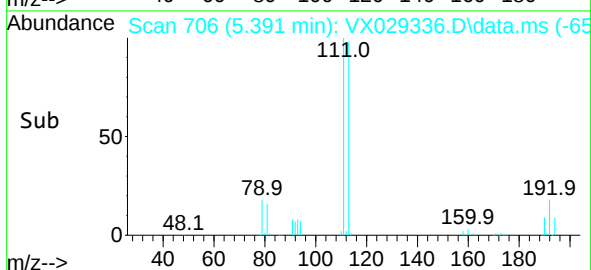
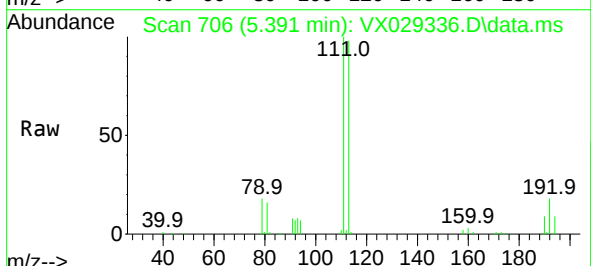


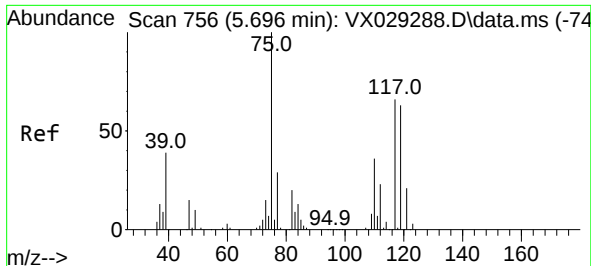
Tgt Ion:114 Resp: 493990
Ion Ratio Lower Upper
114 100
63 19.5 0.0 36.8
88 16.0 0.0 32.4



#35
Dibromofluoromethane
Concen: 49.110 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX029336.D
Acq: 08 Jun 2022 21:04

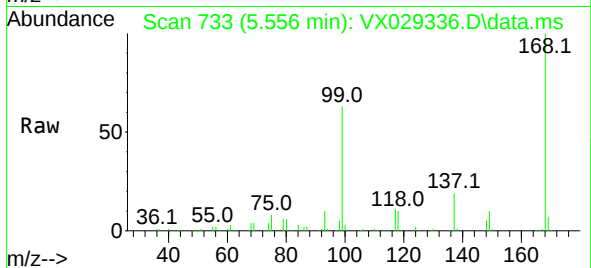
Tgt Ion:113 Resp: 206241
Ion Ratio Lower Upper
113 100
111 102.5 82.8 124.2
192 18.4 16.9 25.3



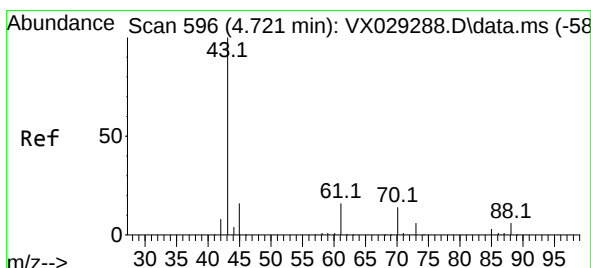
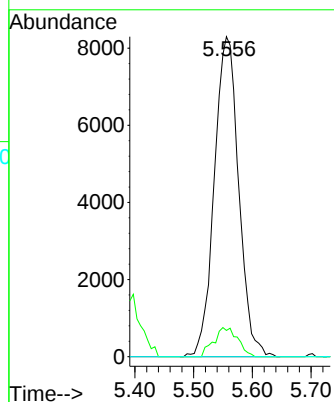
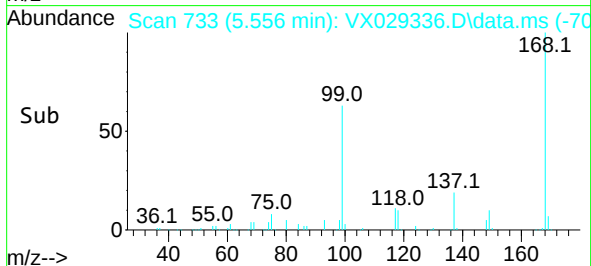


#36
1,1-Dichloropropene
Concen: 3.448 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX029336.D
Acq: 08 Jun 2022 21:04

Instrument :
MSVOA_X
ClientSampleId :

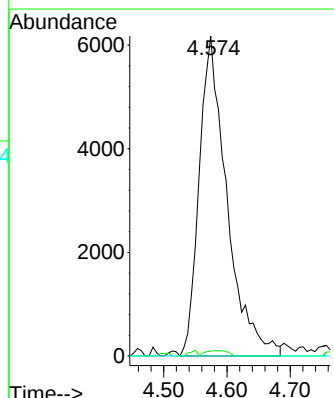
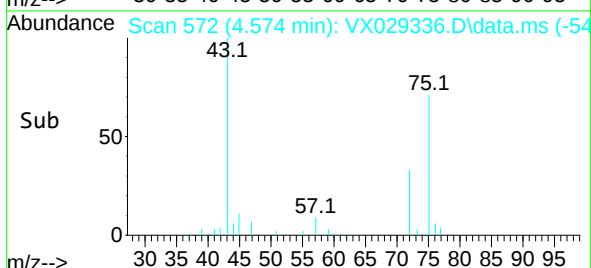
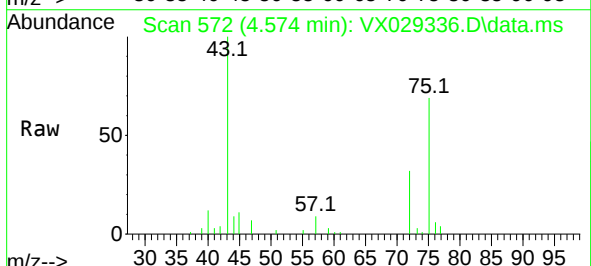


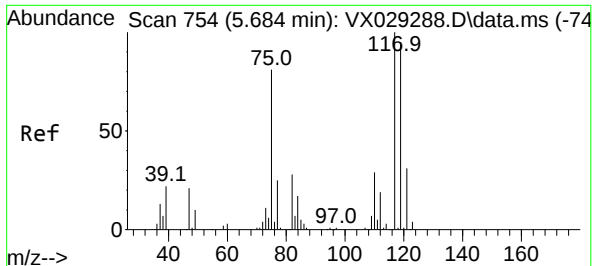
Tgt Ion: 75 Resp: 23921
Ion Ratio Lower Upper
75 100
110 8.9 18.3 54.8#
77 0.0 24.8 37.2#



#37
Ethyl Acetate
Concen: 2.630 ug/l
RT: 4.574 min Scan# 572
Delta R.T. -0.146 min
Lab File: VX029336.D
Acq: 08 Jun 2022 21:04

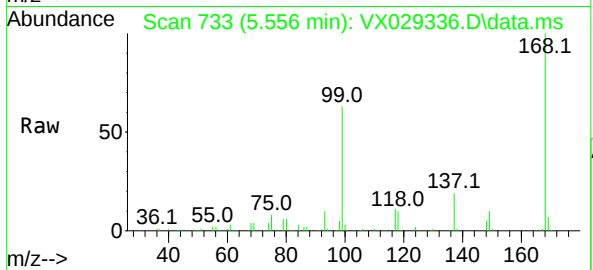
Tgt Ion: 43 Resp: 18831
Ion Ratio Lower Upper
43 100
61 1.3 12.6 19.0#
70 0.0 10.2 15.2#



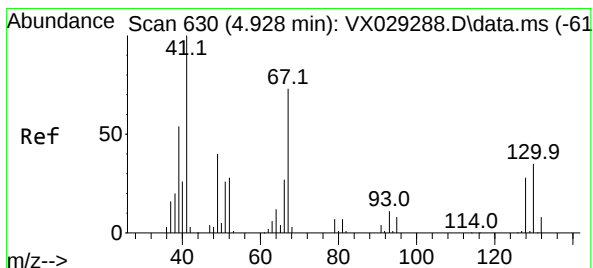
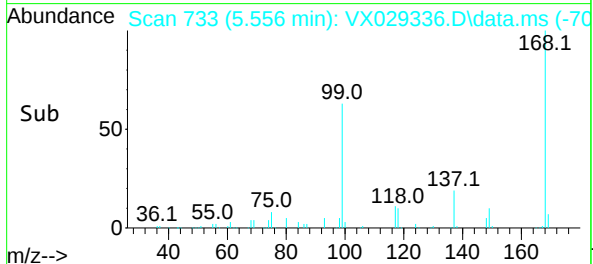
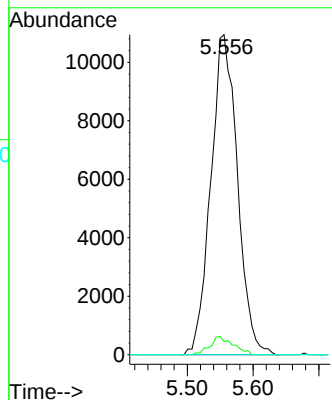


#38
Carbon Tetrachloride
Concen: 4.352 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX029336.D
Acq: 08 Jun 2022 21:04

Instrument :
MSVOA_X
ClientSampleId :

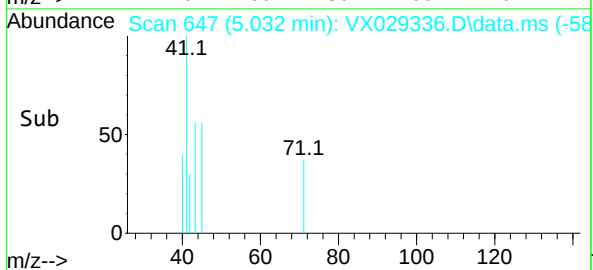
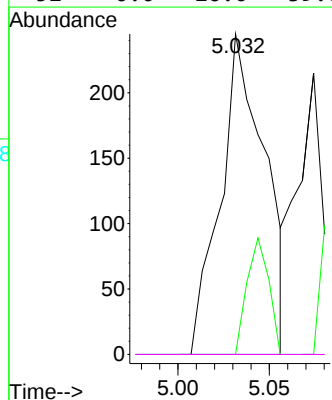
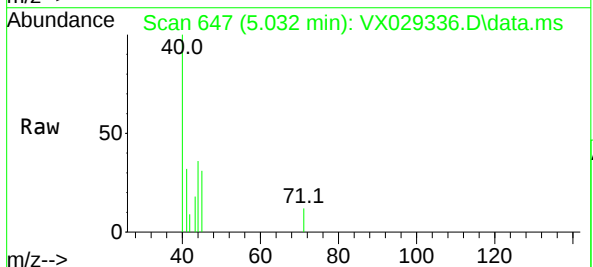


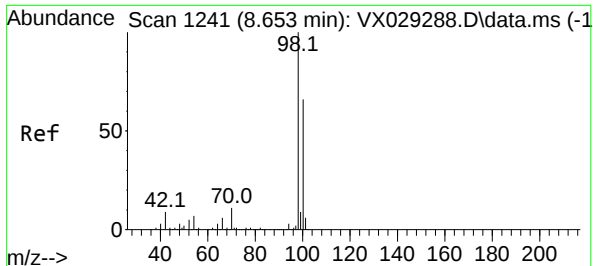
Tgt Ion:117 Resp: 30859
Ion Ratio Lower Upper
117 100
119 4.1 77.3 115.9#
121 0.0 24.2 36.2#



#41
Methacrylonitrile
Concen: Below Cal
RT: 5.032 min Scan# 647
Delta R.T. 0.104 min
Lab File: VX029336.D
Acq: 08 Jun 2022 21:04

Tgt Ion: 41 Resp: 416
Ion Ratio Lower Upper
41 100
39 17.5 43.0 64.4#
67 0.0 70.2 105.4#
52 0.0 26.0 39.0#

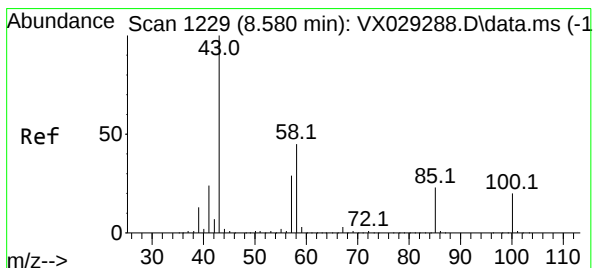
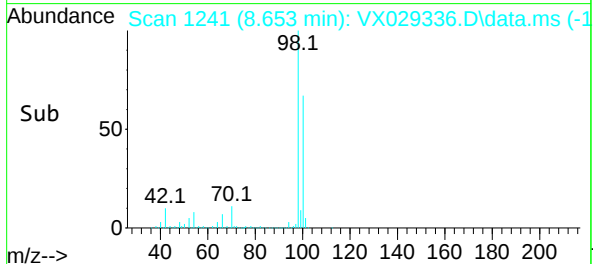
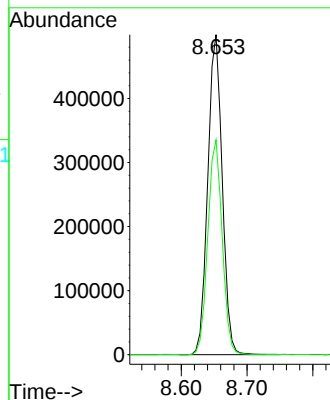
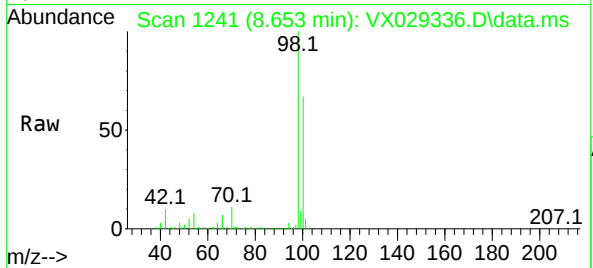




#50
Toluene-d8
Concen: 51.393 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029336.D
Acq: 08 Jun 2022 21:04

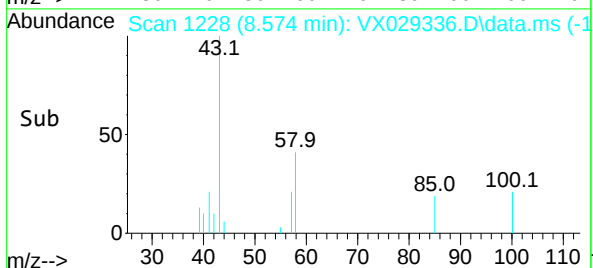
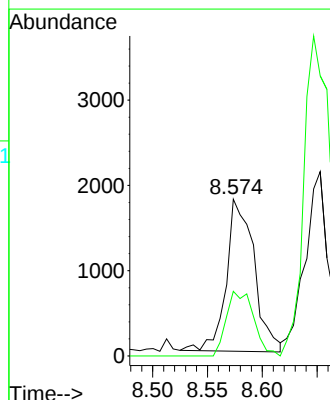
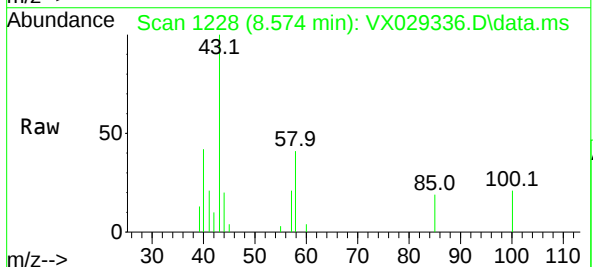
Instrument :
MSVOA_X
ClientSampleId :

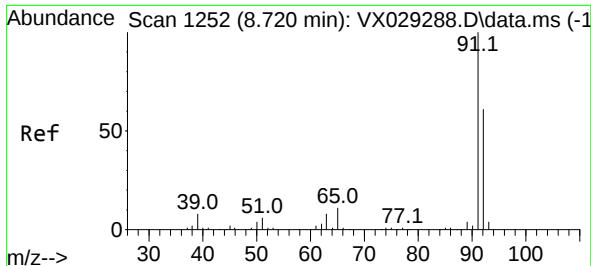
Tgt Ion: 98 Resp: 763332
Ion Ratio Lower Upper
98 100
100 67.0 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.448 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VX029336.D
Acq: 08 Jun 2022 21:04

Tgt Ion: 43 Resp: 3155
Ion Ratio Lower Upper
43 100
58 41.5 36.1 54.1

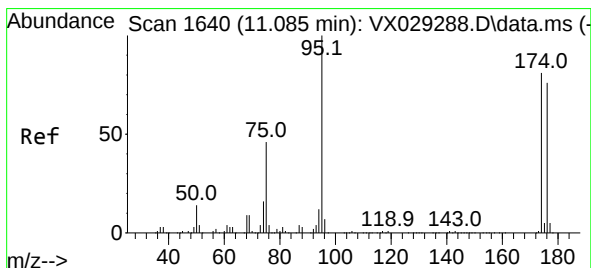
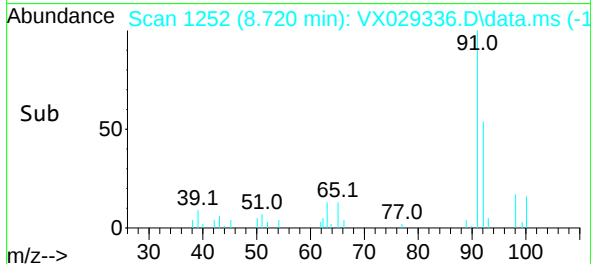
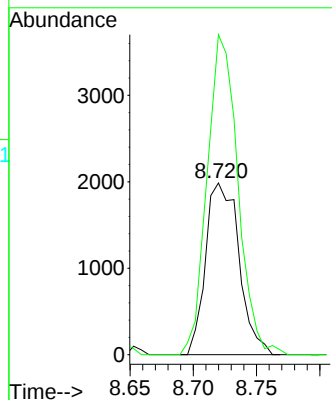
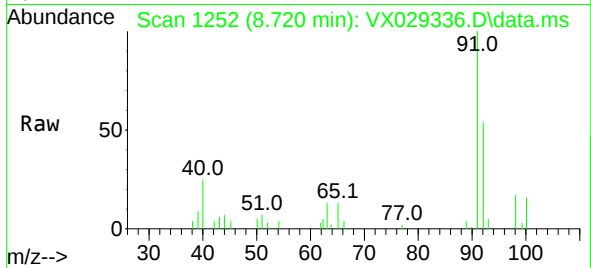




#52
Toluene
Concen: 0.275 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029336.D
Acq: 08 Jun 2022 21:04

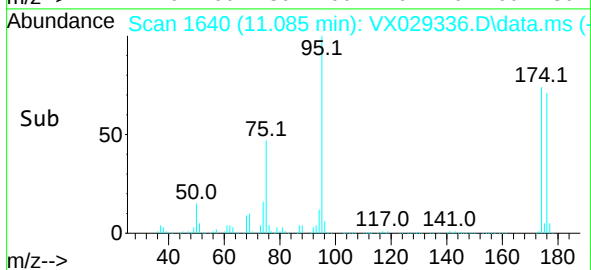
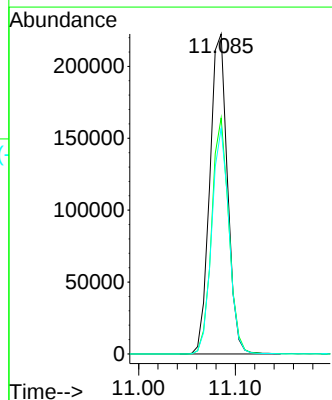
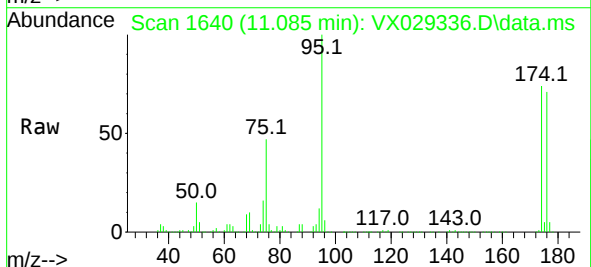
Instrument :
MSVOA_X
ClientSampleId :

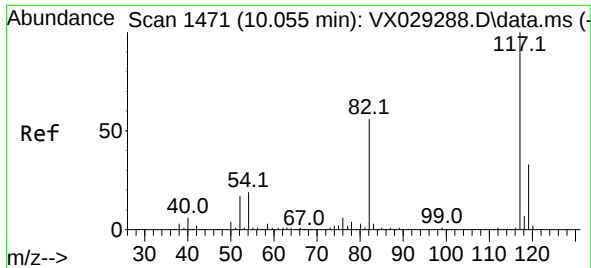
Tgt Ion: 92 Resp: 3641
Ion Ratio Lower Upper
92 100
91 172.1 137.5 206.3



#62
4-Bromofluorobenzene
Concen: 48.773 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.000 min
Lab File: VX029336.D
Acq: 08 Jun 2022 21:04

Tgt Ion: 95 Resp: 283488
Ion Ratio Lower Upper
95 100
174 71.5 0.0 163.0
176 68.8 0.0 155.0

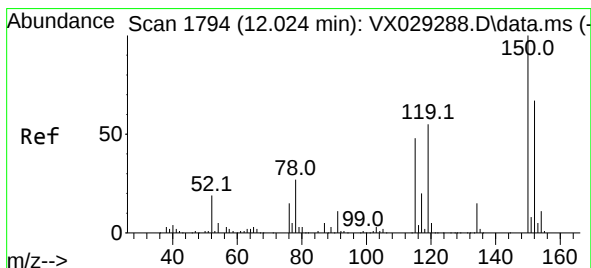
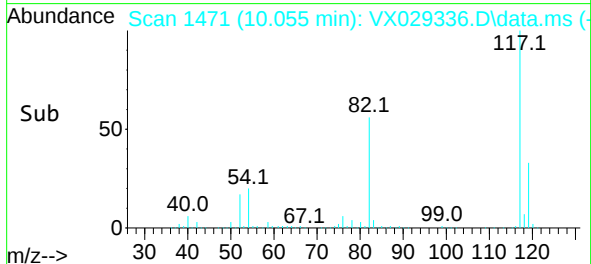
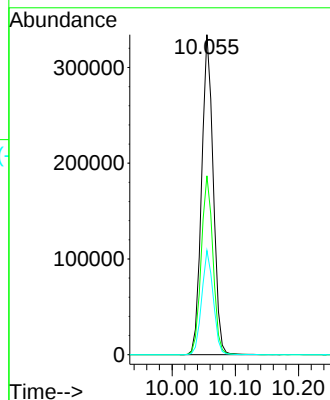
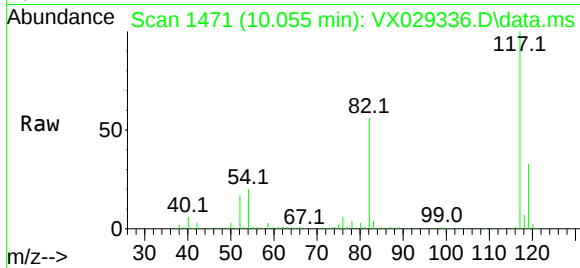




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029336.D
Acq: 08 Jun 2022 21:04

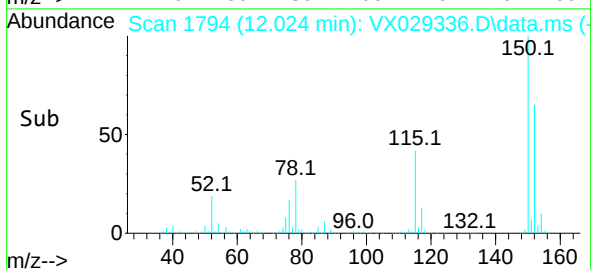
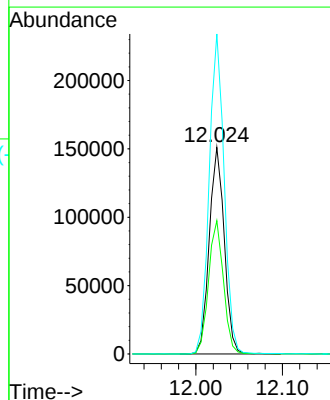
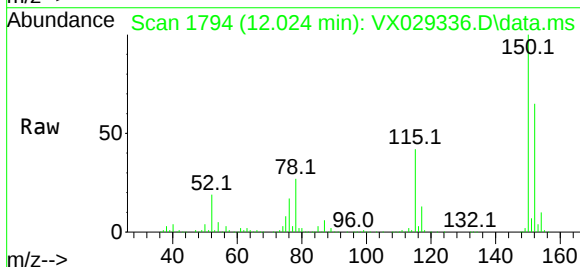
Instrument :
MSVOA_X
ClientSampleId :

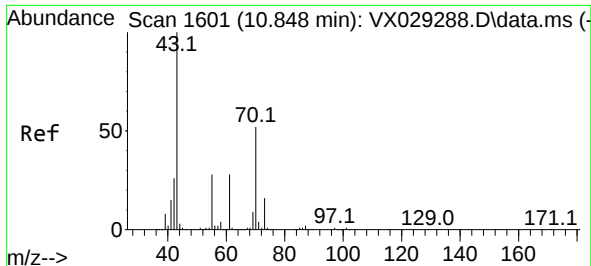
Tgt Ion:117 Resp: 427862
Ion Ratio Lower Upper
117 100
82 55.9 41.8 62.8
119 32.6 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX029336.D
Acq: 08 Jun 2022 21:04

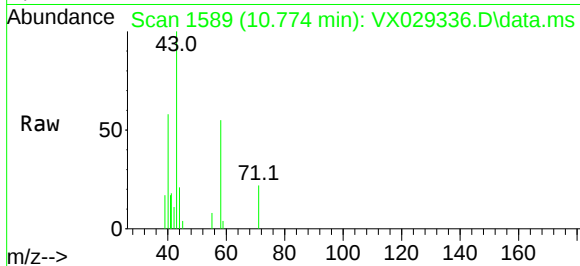
Tgt Ion:152 Resp: 182232
Ion Ratio Lower Upper
152 100
115 64.0 37.5 112.7
150 154.3 0.0 338.2



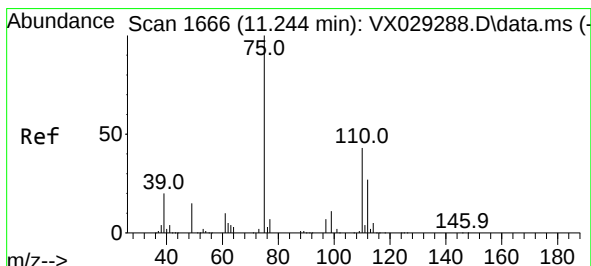
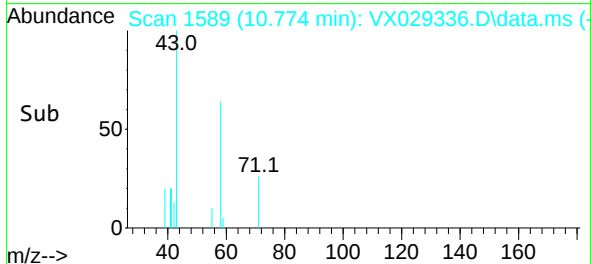
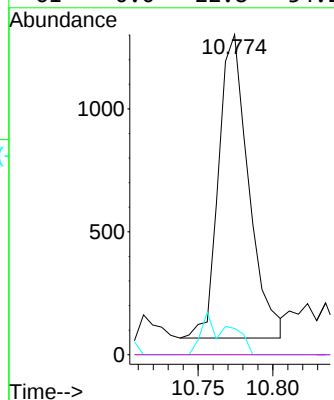


#74
N-amy1 acetate
Concen: 0.355 ug/l
RT: 10.774 min Scan# 1639
Delta R.T. -0.073 min
Lab File: VX029336.D
Acq: 08 Jun 2022 21:04

Instrument :
MSVOA_X
ClientSampleId :

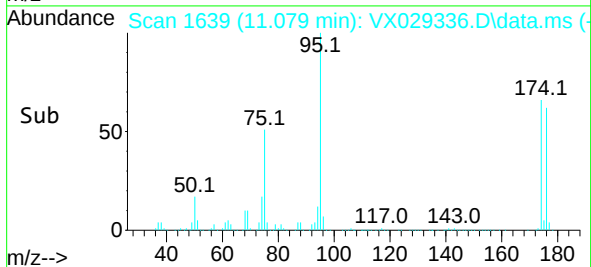
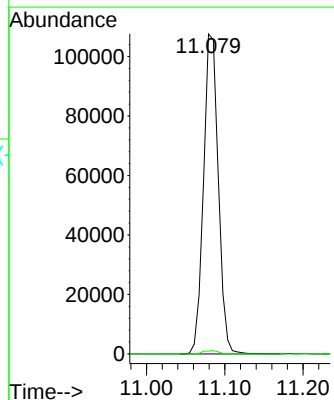
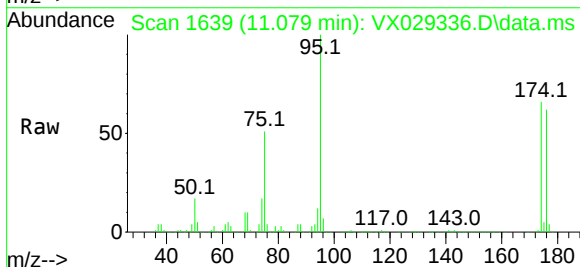


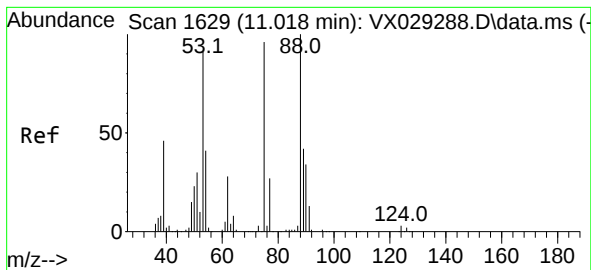
Tgt Ion: 43 Resp: 1726
Ion Ratio Lower Upper
43 100
70 0.0 42.5 63.7#
55 12.7 23.1 34.7#
61 0.0 22.8 34.2#



#76
1,2,3-Trichloropropane
Concen: 33.136 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029336.D
Acq: 08 Jun 2022 21:04

Tgt Ion: 75 Resp: 141041
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 100.713 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX029336.D
 Acq: 08 Jun 2022 21:04

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 75 Resp: 141041
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.1 37.0 55.6#

