

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062222\
 Data File : VX029693.D
 Acq On : 22 Jun 2022 12:54
 Operator : JC/MD
 Sample : N3354-21
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB061322

Quant Time: Jun 23 01:09:11 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)

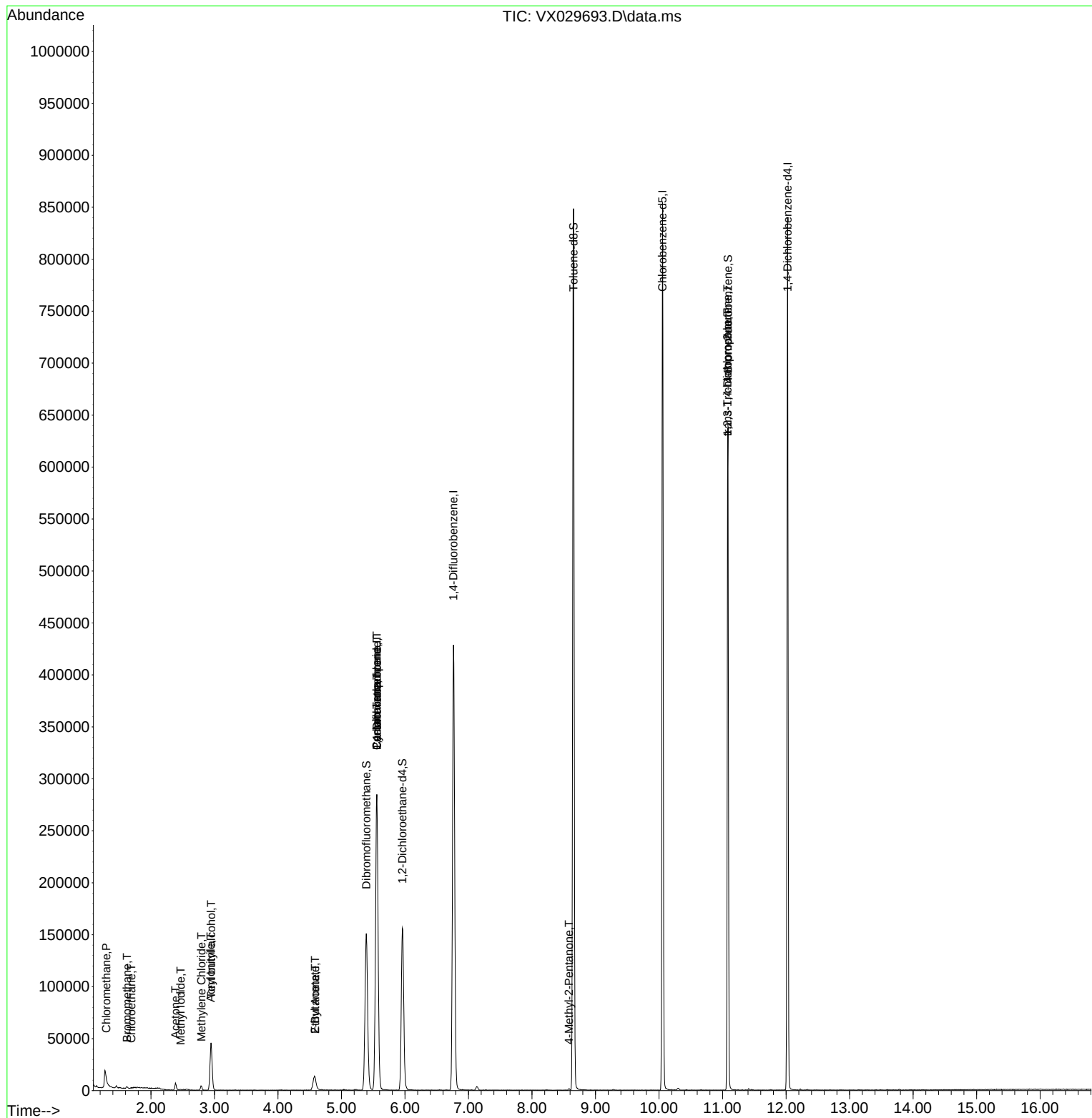
Internal Standards						
1) Pentafluorobenzene	5.556	168	271558	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	463260	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	403925	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	173639	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	150728	41.931	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	83.860%
35) Dibromofluoromethane	5.391	113	136050	45.065	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.120%
50) Toluene-d8	8.653	98	523091	47.429	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.860%
62) 4-Bromofluorobenzene	11.085	95	183389	44.093	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.180%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	1273	0.359	ug/l #	76
5) Bromomethane	1.624	94	724	0.435	ug/l	87
6) Chloroethane	1.691	64	373	1.435	ug/l #	43
10) Methyl Iodide	2.465	142	783	3.244	ug/l #	87
11) Tert butyl alcohol	2.947	59	26571	25.614	ug/l #	76
15) Acrylonitrile	2.940	53	401	0.238	ug/l #	18
16) Acetone	2.386	43	6905	4.819	ug/l	93
20) Methylene Chloride	2.794	84	2062	0.646	ug/l #	81
25) 2-Butanone	4.586	43	1780	0.786	ug/l #	80
31) Cyclohexane	5.556	56	4896	1.015	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	20417	4.997	ug/l #	49
37) Ethyl Acetate	4.586	43	1780	0.425	ug/l #	51
38) Carbon Tetrachloride	5.556	117	28145	7.004	ug/l #	15
44) Trichloroethene	7.123	130	1439	Below Cal		63
51) 4-Methyl-2-Pentanone	8.580	43	903	0.215	ug/l	96
76) 1,2,3-Trichloropropane	11.079	75	87943	23.249	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	87943	77.342	ug/l #	15

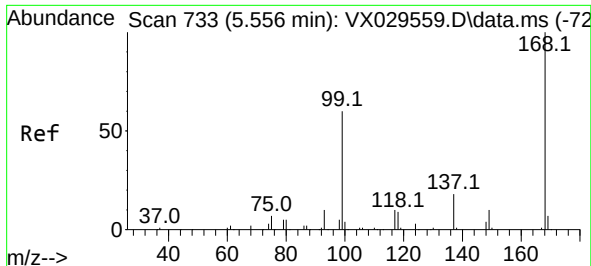
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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ClientSampleId :
FB061322

Quant Time: Jun 23 01:09:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

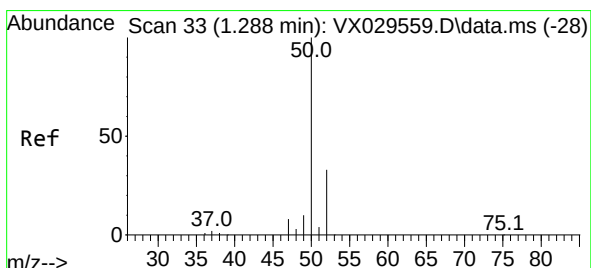
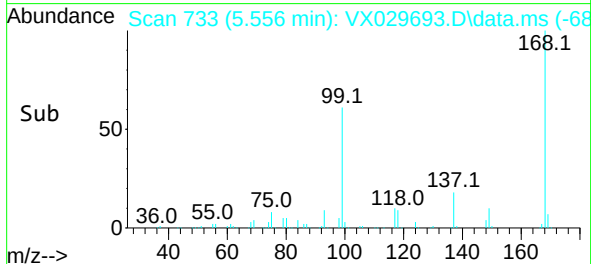
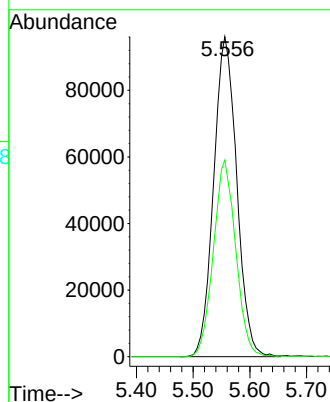
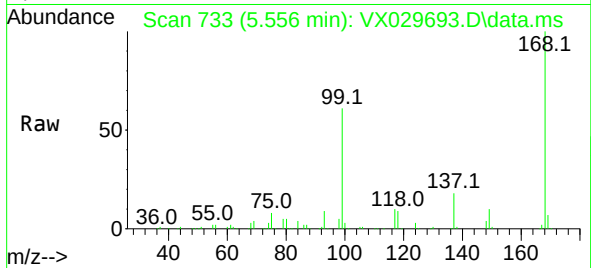




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029693.D
Acq: 22 Jun 2022 12:54

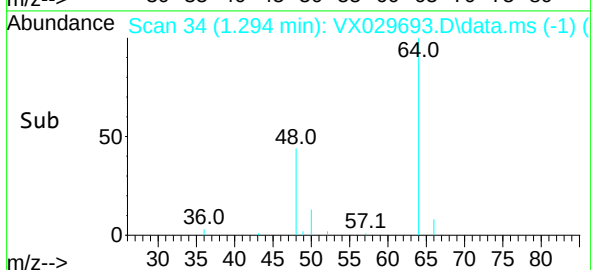
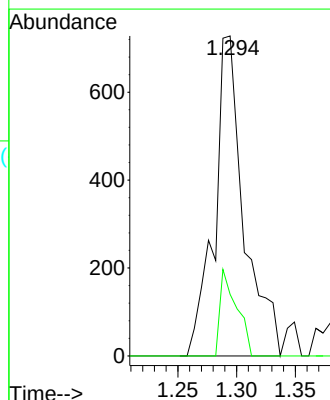
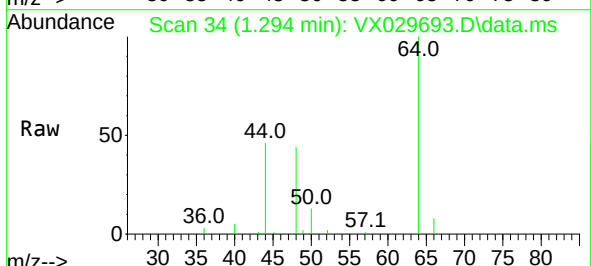
Instrument :
MSVOA_X
ClientSampleId :
FB061322

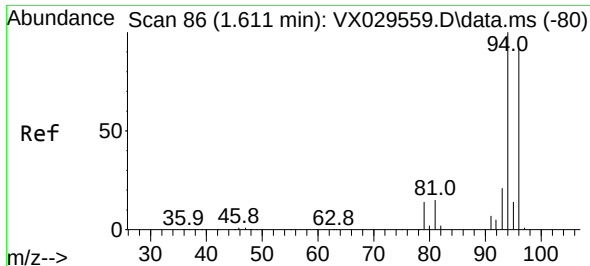
Tgt Ion:168 Resp: 271558
Ion Ratio Lower Upper
168 100
99 61.4 41.7 62.5



#3
Chloromethane
Concen: 0.359 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX029693.D
Acq: 22 Jun 2022 12:54

Tgt Ion: 50 Resp: 1273
Ion Ratio Lower Upper
50 100
52 19.2 26.4 39.6#

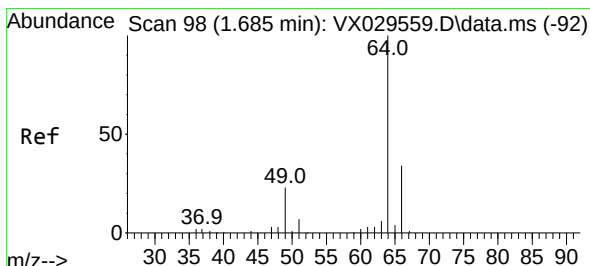
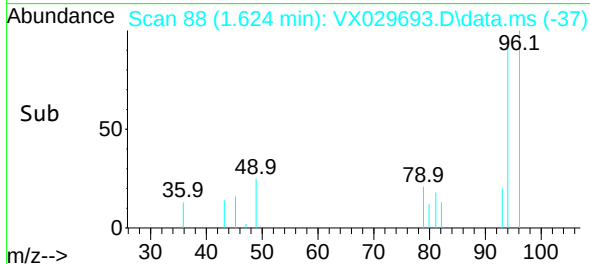
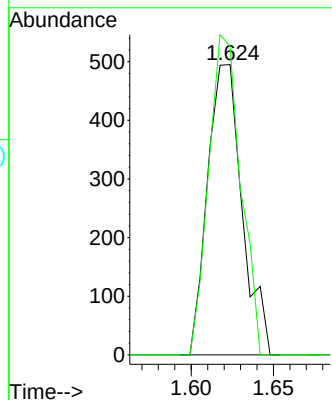
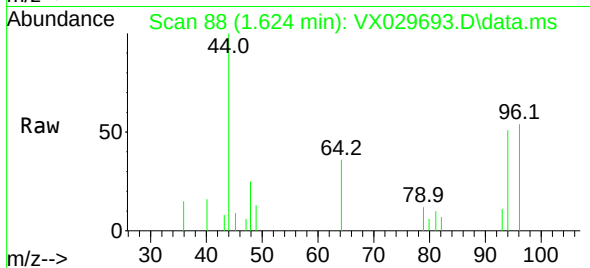




#5
Bromomethane
Concen: 0.435 ug/l
RT: 1.624 min Scan# 81
Delta R.T. 0.013 min
Lab File: VX029693.D
Acq: 22 Jun 2022 12:54

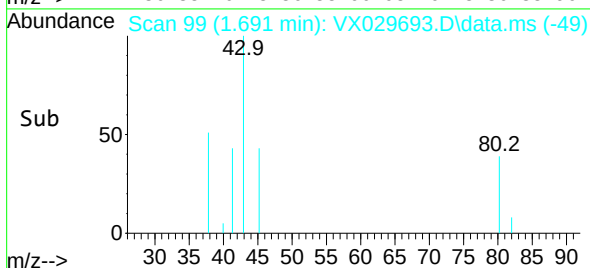
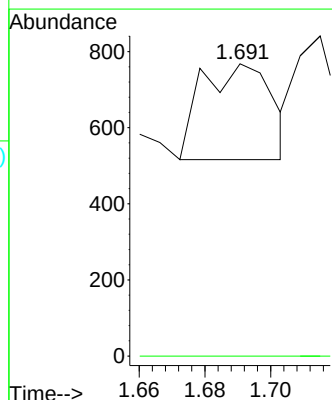
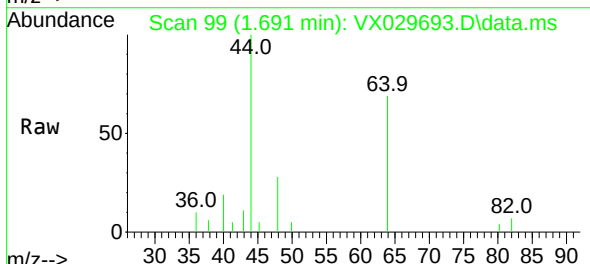
Instrument :
MSVOA_X
ClientSampleId :
FB061322

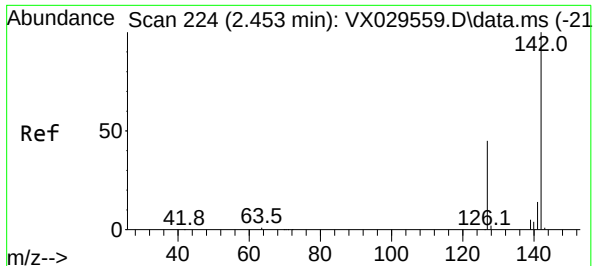
Tgt Ion: 94 Resp: 724
Ion Ratio Lower Upper
94 100
96 106.3 75.3 112.9



#6
Chloroethane
Concen: 1.435 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX029693.D
Acq: 22 Jun 2022 12:54

Tgt Ion: 64 Resp: 373
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#

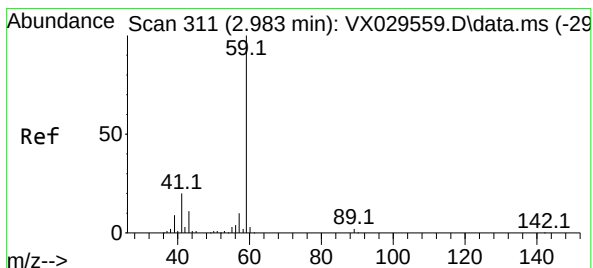
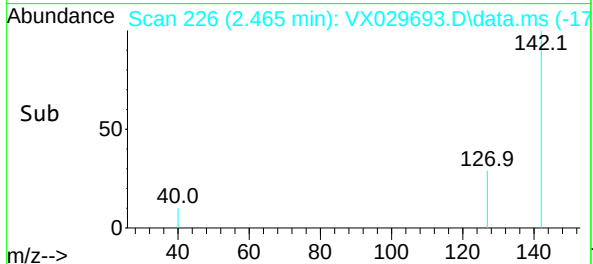
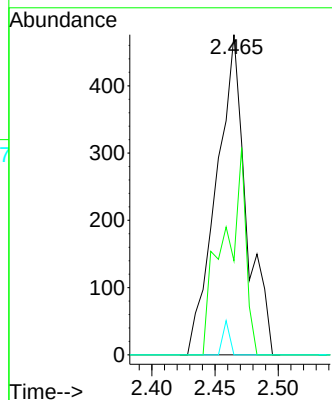
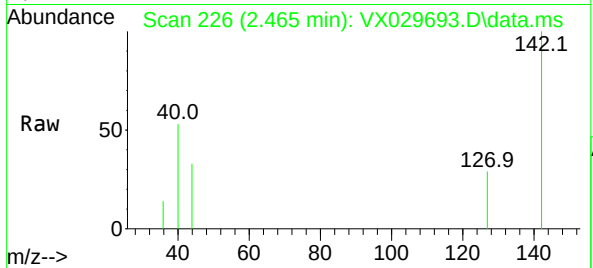




#10
Methyl Iodide
Concen: 3.244 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX029693.D
Acq: 22 Jun 2022 12:54

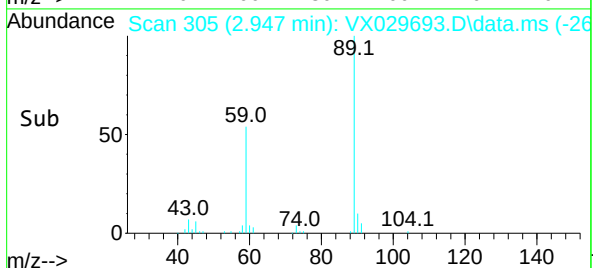
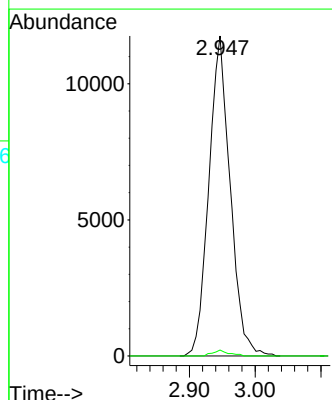
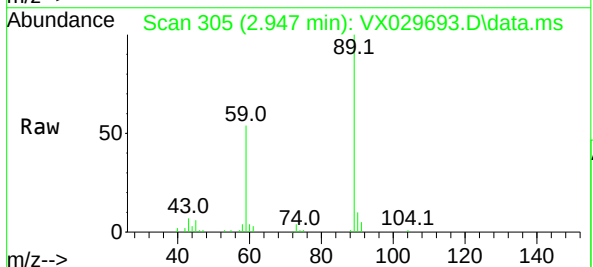
Instrument :
MSVOA_X
ClientSampleId :
FB061322

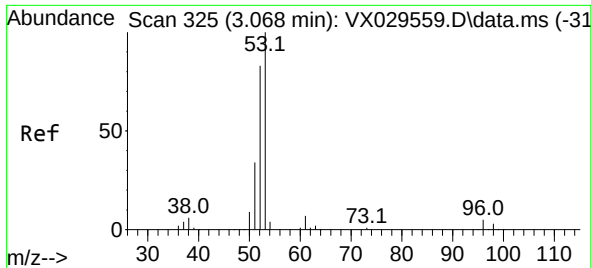
Tgt Ion:142 Resp: 783
Ion Ratio Lower Upper
142 100
127 47.0 33.9 50.9
141 2.4 11.4 17.2#



#11
Tert butyl alcohol
Concen: 25.614 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.036 min
Lab File: VX029693.D
Acq: 22 Jun 2022 12:54

Tgt Ion: 59 Resp: 26571
Ion Ratio Lower Upper
59 100
57 1.4 8.3 12.5#





#15

Acrylonitrile

Concen: 0.238 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.128 min

Lab File: VX029693.D

Acq: 22 Jun 2022 12:54

Instrument :

MSVOA_X

ClientSampleId :

FB061322

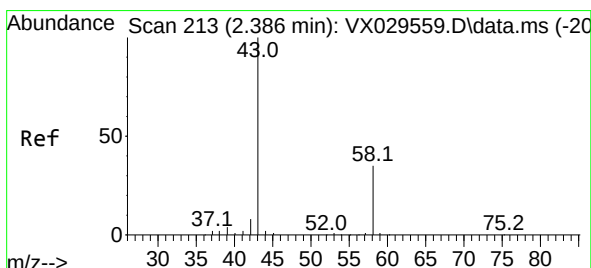
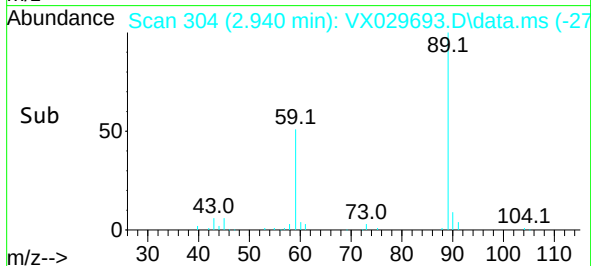
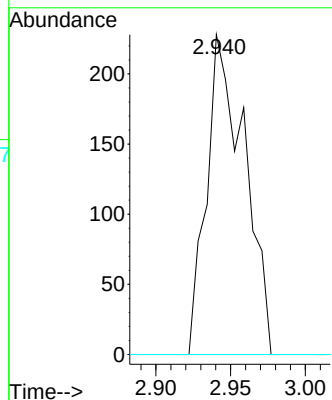
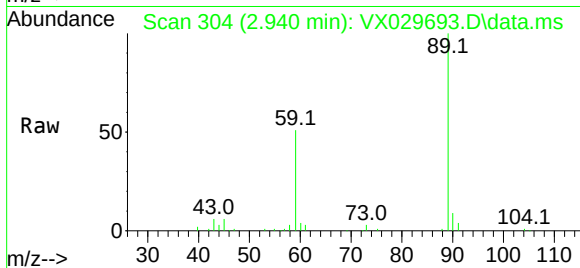
Tgt Ion: 53 Resp: 401

Ion Ratio Lower Upper

53 100

52 0.0 65.7 98.5#

51 0.0 28.4 42.6#



#16

Acetone

Concen: 4.819 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX029693.D

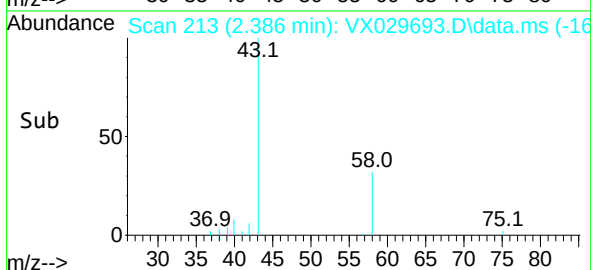
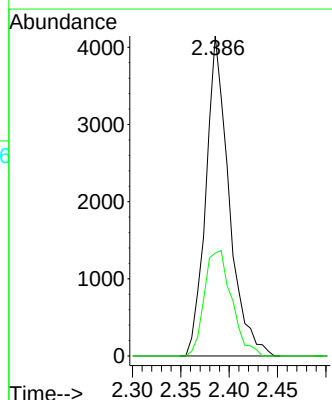
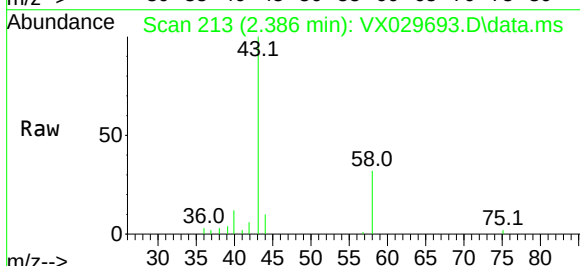
Acq: 22 Jun 2022 12:54

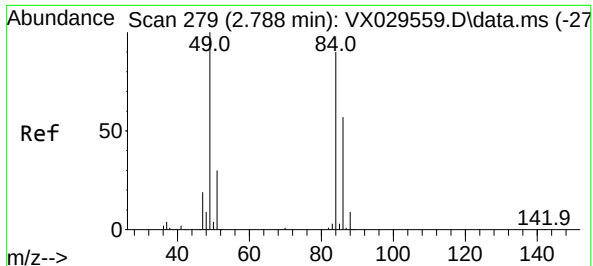
Tgt Ion: 43 Resp: 6905

Ion Ratio Lower Upper

43 100

58 32.2 28.8 43.2



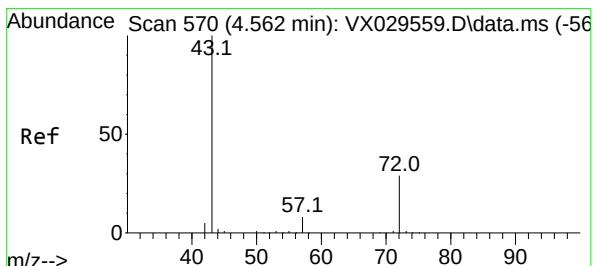
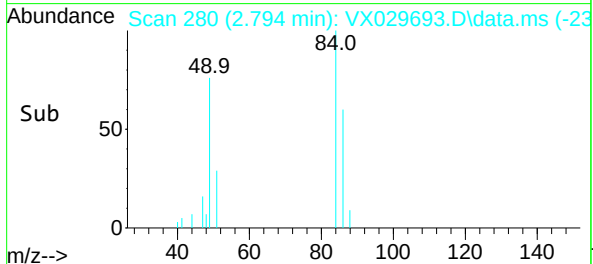
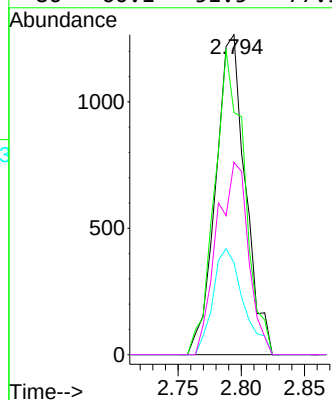
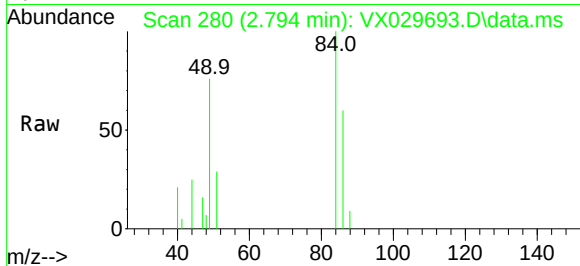


#20
Methylene Chloride
Concen: 0.646 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029693.D
Acq: 22 Jun 2022 12:54

Instrument :
MSVOA_X
ClientSampleId :
FB061322

Tgt Ion: 84 Resp: 2062

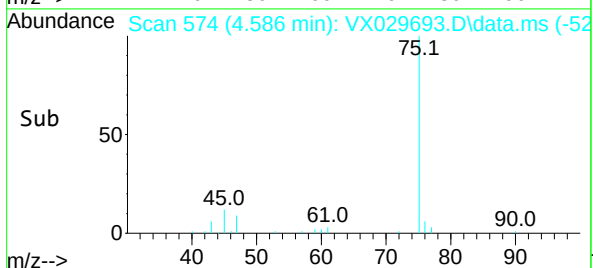
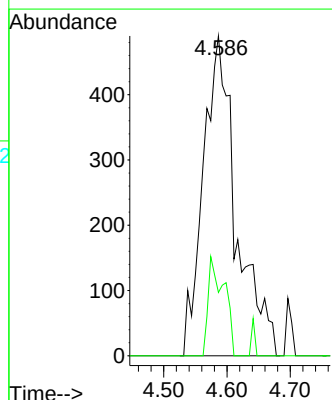
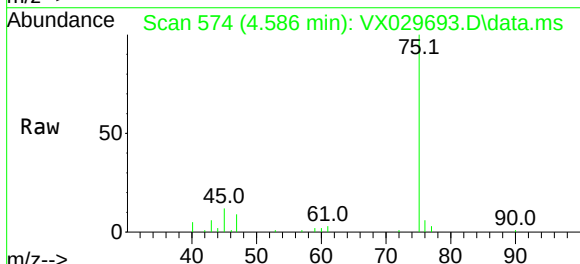
Ion	Ratio	Lower	Upper
84	100		
49	75.7	85.5	128.3#
51	28.8	26.6	39.8
86	60.1	51.5	77.3

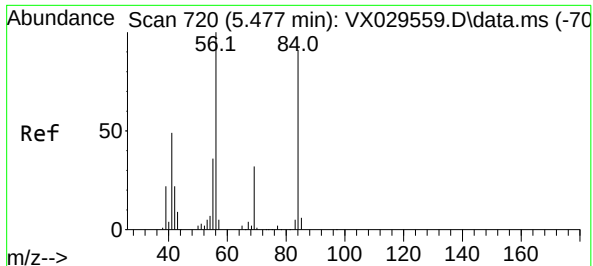


#25
2-Butanone
Concen: 0.786 ug/l
RT: 4.586 min Scan# 574
Delta R.T. 0.024 min
Lab File: VX029693.D
Acq: 22 Jun 2022 12:54

Tgt Ion: 43 Resp: 1780

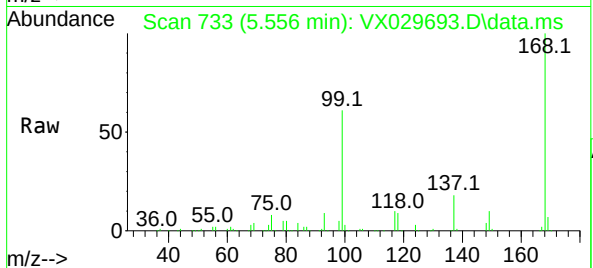
Ion	Ratio	Lower	Upper
43	100		
72	19.8	24.4	36.6#



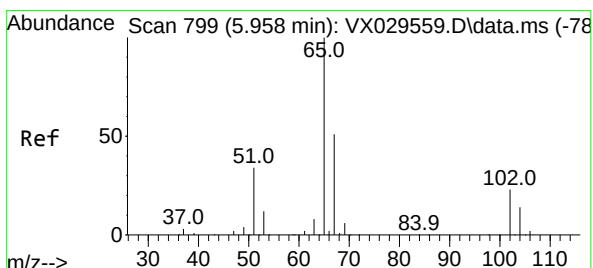
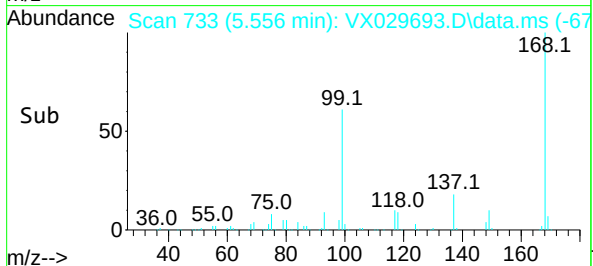
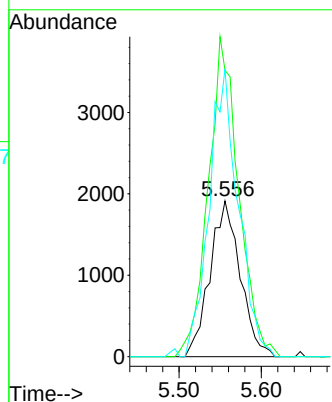


#31
Cyclohexane
Concen: 1.015 ug/l
RT: 5.556 min Scan# 711
Delta R.T. 0.079 min
Lab File: VX029693.D
Acq: 22 Jun 2022 12:54

Instrument :
MSVOA_X
ClientSampleId :
FB061322

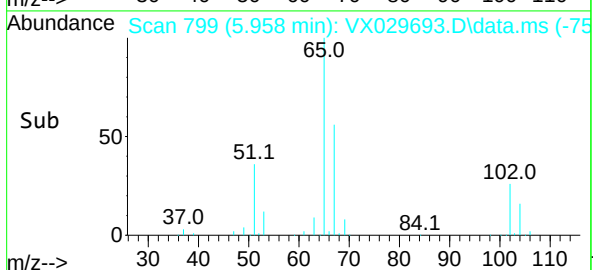
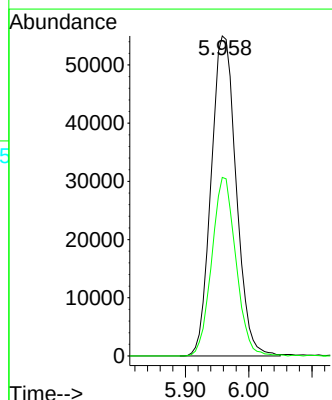
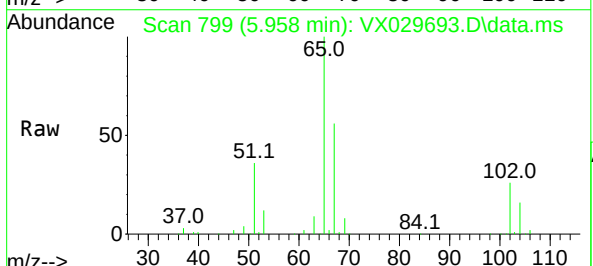


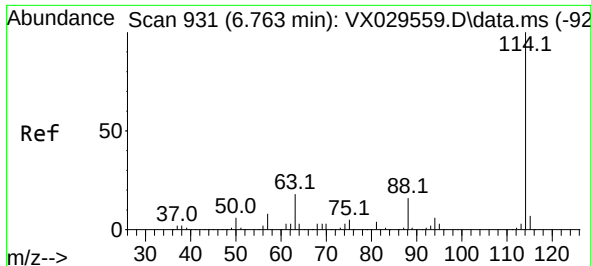
Tgt Ion: 56 Resp: 4896
Ion Ratio Lower Upper
56 100
69 184.0 26.7 40.1#
84 184.8 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 41.931 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029693.D
Acq: 22 Jun 2022 12:54

Tgt Ion: 65 Resp: 150728
Ion Ratio Lower Upper
65 100
67 53.9 0.0 107.4

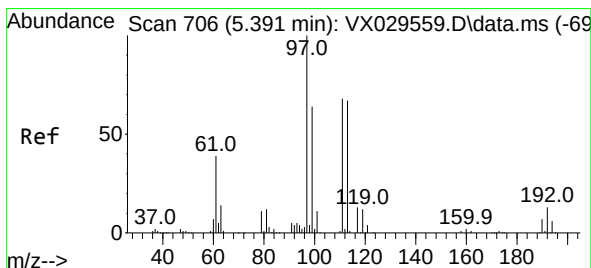
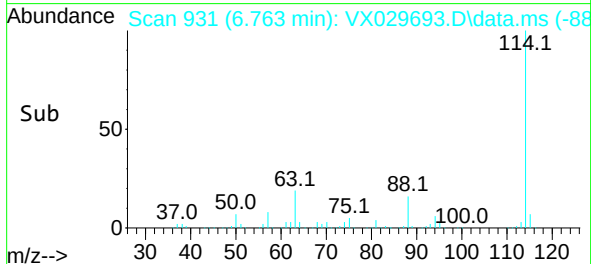
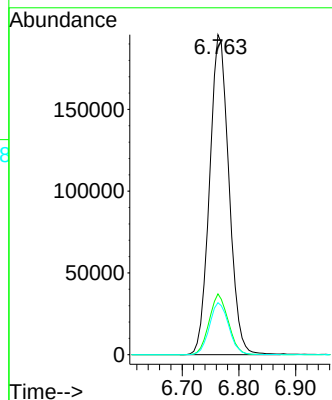
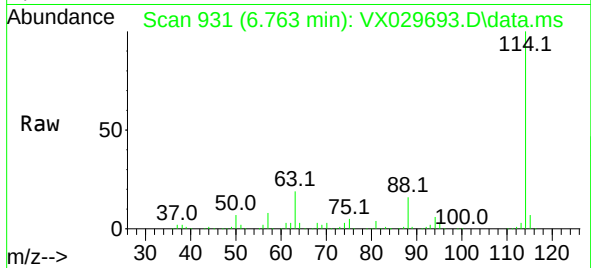




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX029693.D
Acq: 22 Jun 2022 12:54

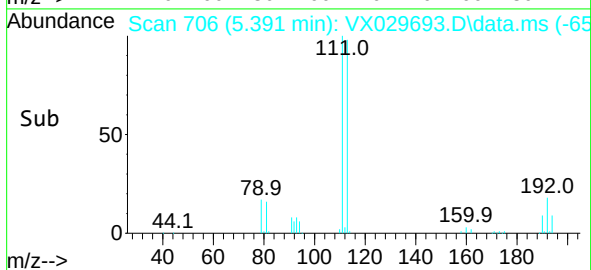
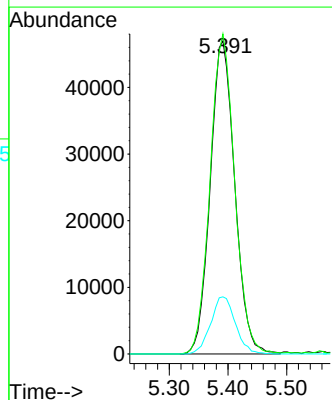
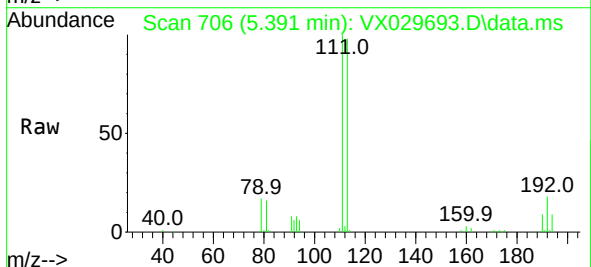
Instrument :
MSVOA_X
ClientSampleId :
FB061322

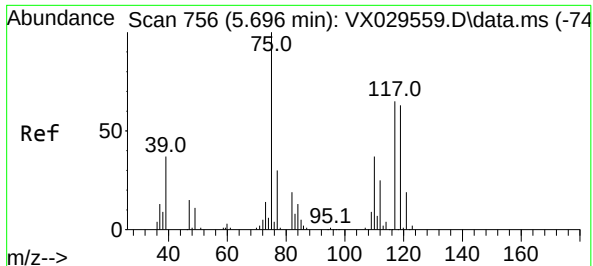
Tgt Ion:114 Resp: 463260
Ion Ratio Lower Upper
114 100
63 19.0 0.0 36.8
88 16.2 0.0 32.4



#35
Dibromofluoromethane
Concen: 45.065 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029693.D
Acq: 22 Jun 2022 12:54

Tgt Ion:113 Resp: 136050
Ion Ratio Lower Upper
113 100
111 102.5 82.8 124.2
192 18.4 16.9 25.3

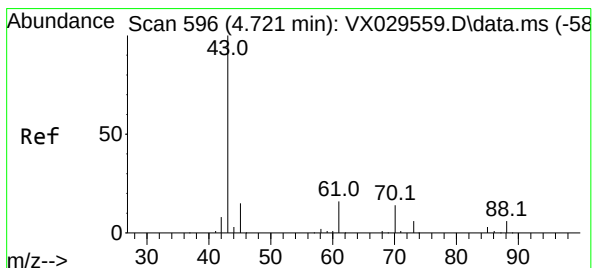
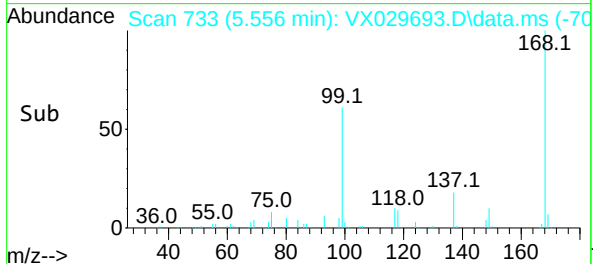
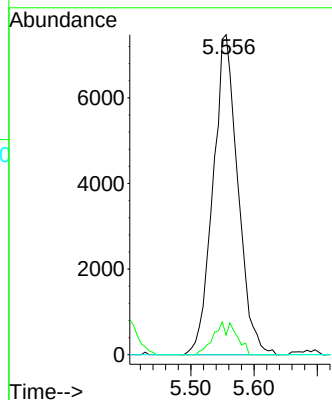
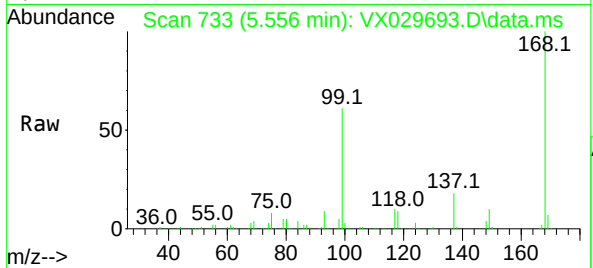




#36
1,1-Dichloropropene
Concen: 4.997 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX029693.D
Acq: 22 Jun 2022 12:54

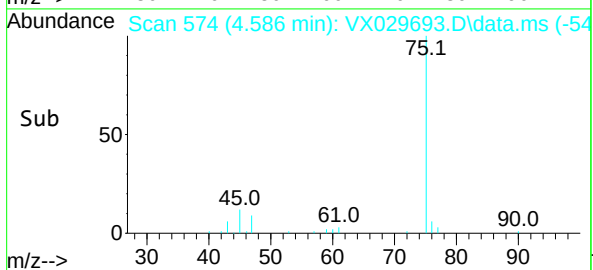
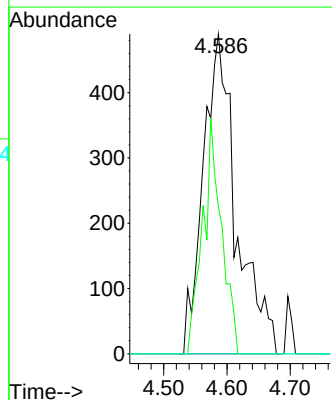
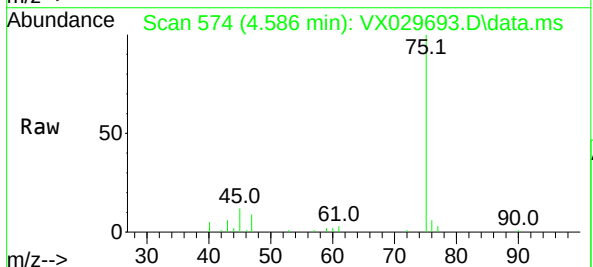
Instrument :
MSVOA_X
ClientSampleId :
FB061322

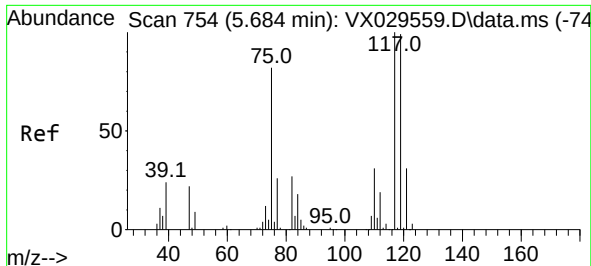
Tgt Ion: 75 Resp: 20417
Ion Ratio Lower Upper
75 100
110 9.3 18.3 54.8#
77 0.0 24.8 37.2#



#37
Ethyl Acetate
Concen: 0.425 ug/l
RT: 4.586 min Scan# 574
Delta R.T. -0.135 min
Lab File: VX029693.D
Acq: 22 Jun 2022 12:54

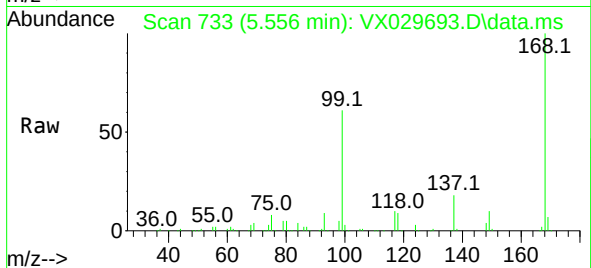
Tgt Ion: 43 Resp: 1780
Ion Ratio Lower Upper
43 100
61 41.9 12.6 19.0#
70 0.0 10.2 15.2#



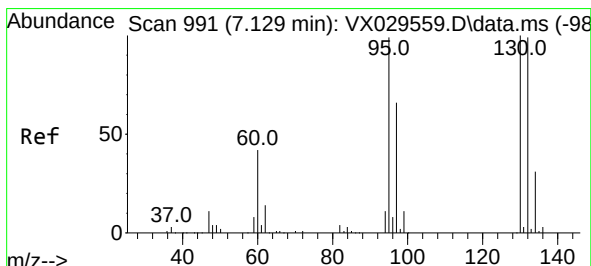
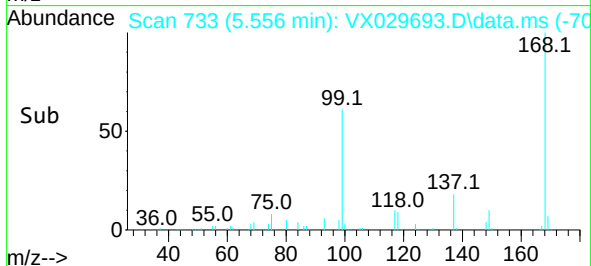
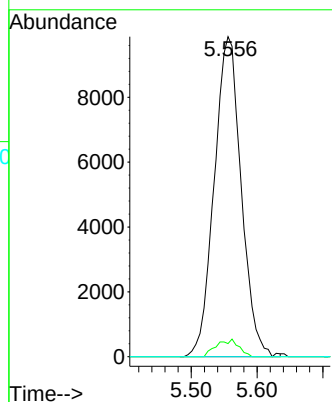


#38
Carbon Tetrachloride
Concen: 7.004 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX029693.D
Acq: 22 Jun 2022 12:54

Instrument :
MSVOA_X
ClientSampleId :
FB061322

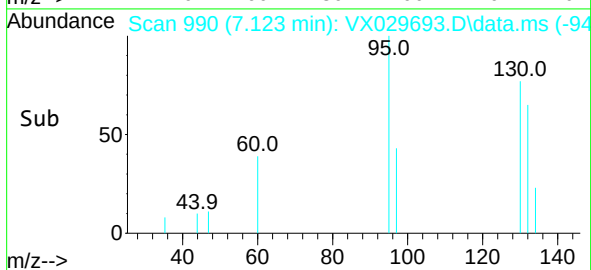
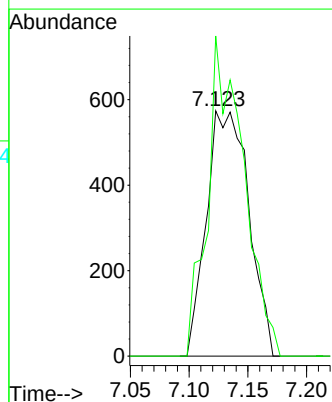
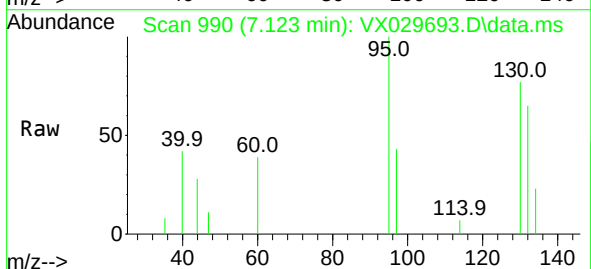


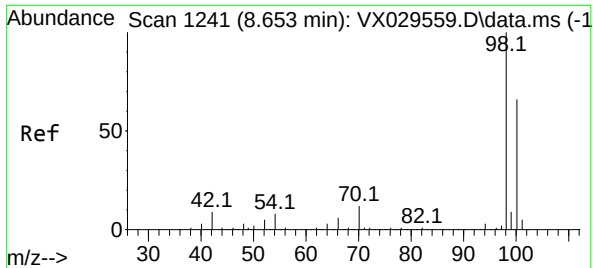
Tgt Ion:117 Resp: 28145
Ion Ratio Lower Upper
117 100
119 4.1 77.3 115.9#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: Below Cal
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX029693.D
Acq: 22 Jun 2022 12:54

Tgt Ion:130 Resp: 1439
Ion Ratio Lower Upper
130 100
95 130.5 0.0 188.8

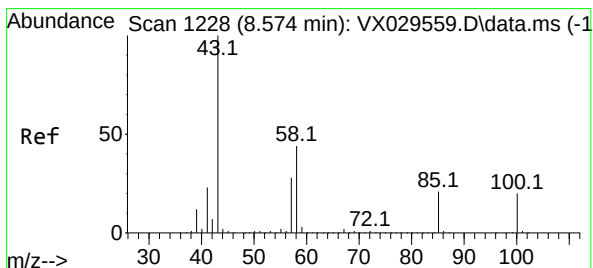
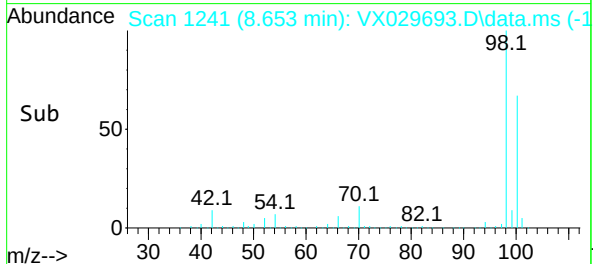
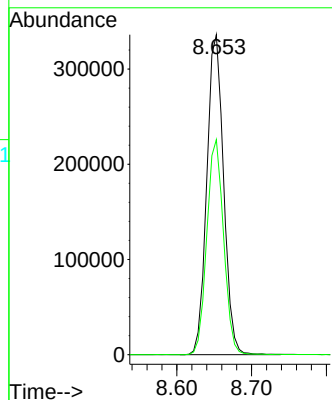
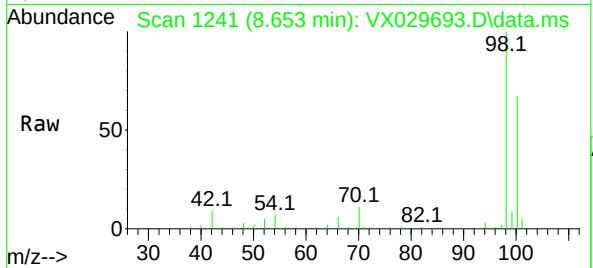




#50
Toluene-d8
Concen: 47.429 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029693.D
Acq: 22 Jun 2022 12:54

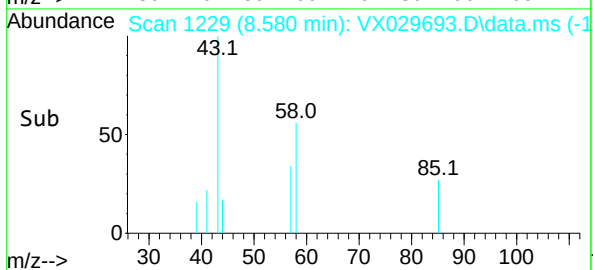
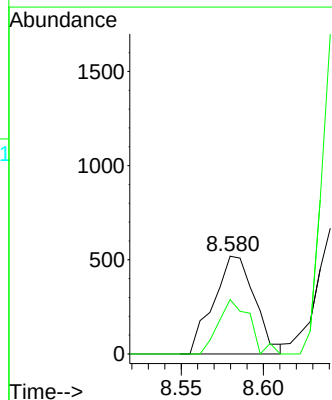
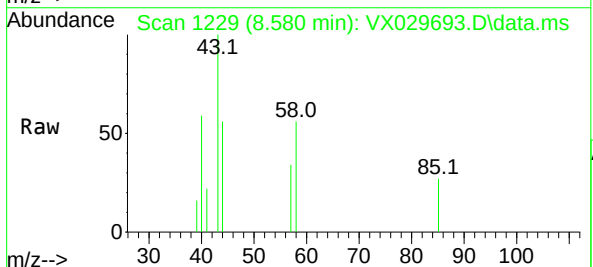
Instrument :
MSVOA_X
ClientSampleId :
FB061322

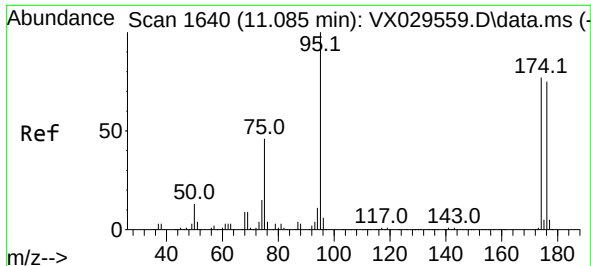
Tgt Ion: 98 Resp: 523091
Ion Ratio Lower Upper
98 100
100 67.2 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.215 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VX029693.D
Acq: 22 Jun 2022 12:54

Tgt Ion: 43 Resp: 903
Ion Ratio Lower Upper
43 100
58 42.3 36.1 54.1

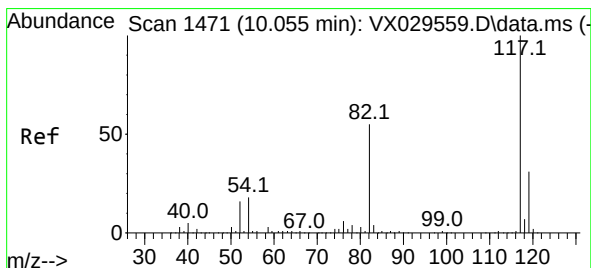
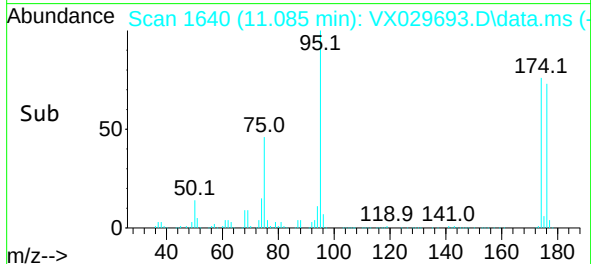
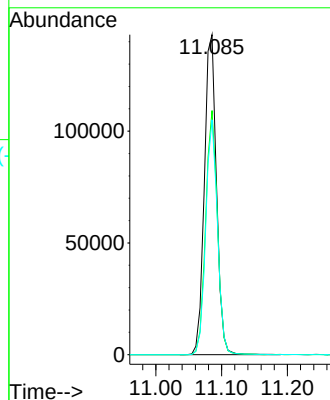
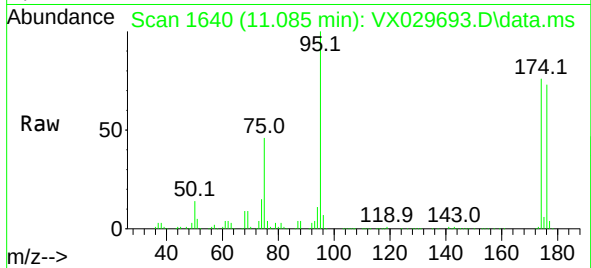




#62
4-Bromofluorobenzene
Concen: 44.093 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX029693.D
Acq: 22 Jun 2022 12:54

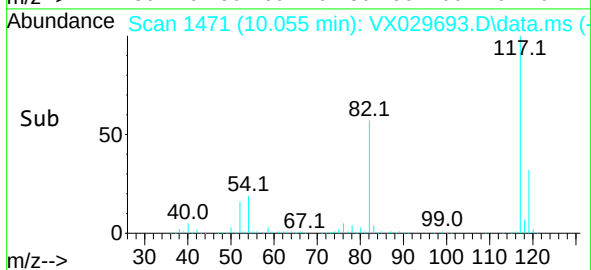
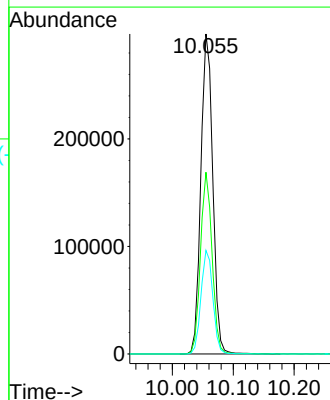
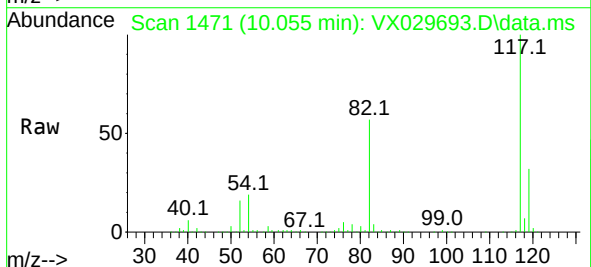
Instrument :
MSVOA_X
ClientSampleId :
FB061322

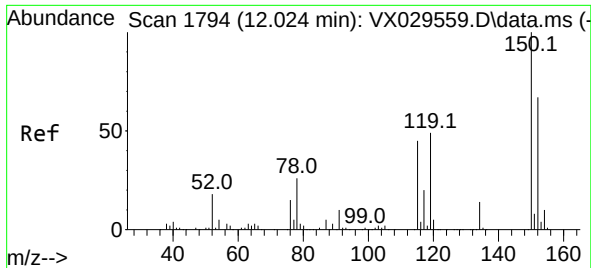
Tgt Ion: 95 Resp: 183389
Ion Ratio Lower Upper
95 100
174 73.8 0.0 163.0
176 71.1 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029693.D
Acq: 22 Jun 2022 12:54

Tgt Ion: 117 Resp: 403925
Ion Ratio Lower Upper
117 100
82 56.8 41.8 62.8
119 32.4 24.8 37.2

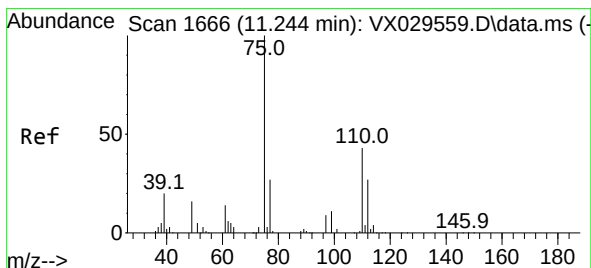
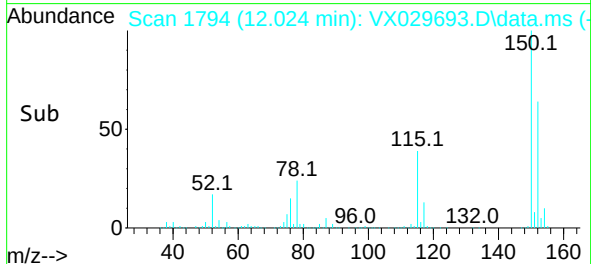
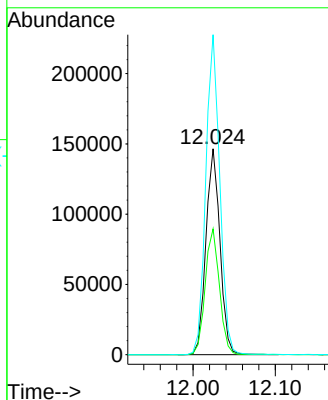
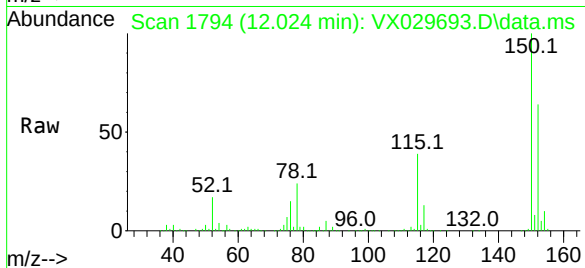




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029693.D
Acq: 22 Jun 2022 12:54

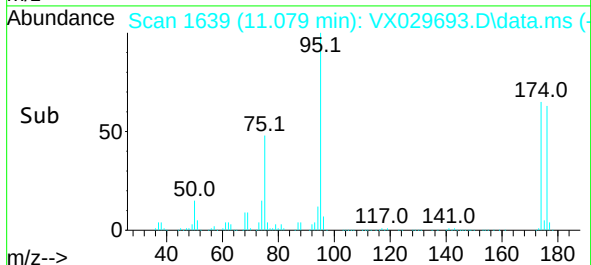
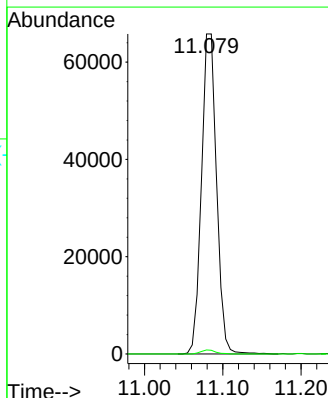
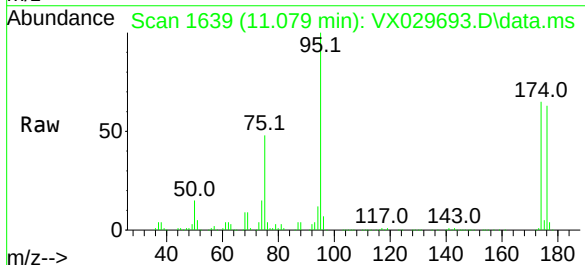
Instrument :
MSVOA_X
ClientSampleId :
FB061322

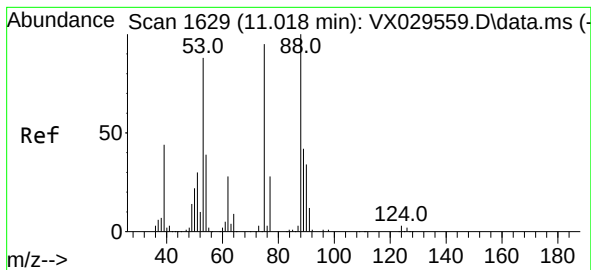
Tgt Ion:152 Resp: 173639
Ion Ratio Lower Upper
152 100
115 61.8 37.5 112.7
150 155.1 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 23.249 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029693.D
Acq: 22 Jun 2022 12:54

Tgt Ion: 75 Resp: 87943
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.342 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX029693.D
 Acq: 22 Jun 2022 12:54

Instrument :
 MSVOA_X
 ClientSampleId :
 FB061322

Tgt Ion: 75 Resp: 87943
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

