

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061522\
 Data File : VX029504.D
 Acq On : 15 Jun 2022 13:20
 Operator : JC/MD
 Sample : VX0615WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0615MBL01

Quant Time: Jun 15 15:37:29 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)

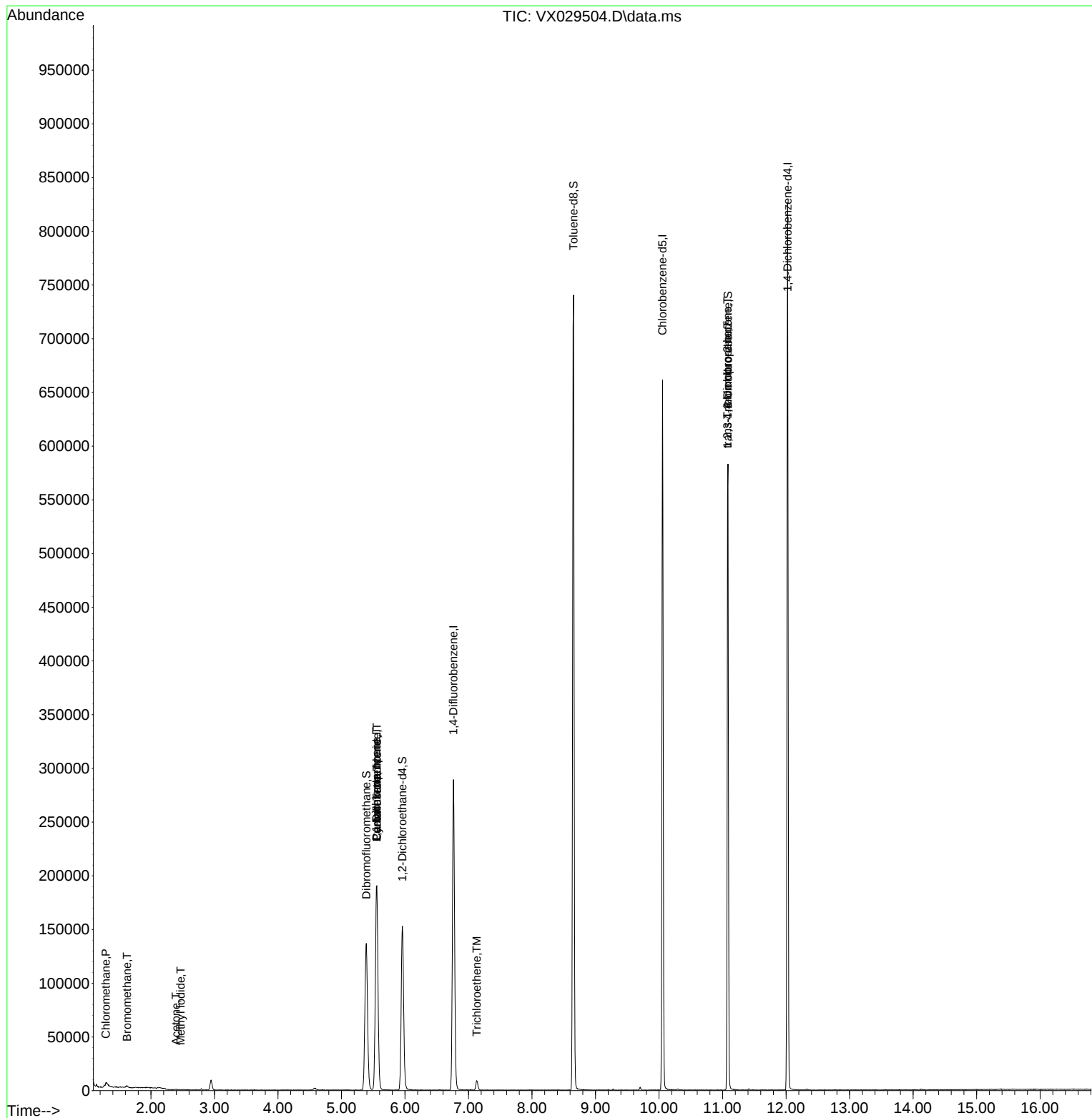
Internal Standards						
1) Pentafluorobenzene	5.556	168	179252	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	300795	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	303262	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	170822	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	149527	54.974	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 109.940%	
35) Dibromofluoromethane	5.391	113	121893	47.667	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 95.340%	
50) Toluene-d8	8.653	98	453283	50.120	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 100.240%	
62) 4-Bromofluorobenzene	11.085	95	170803	48.260	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 96.520%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	1238	0.408	ug/l #	79
5) Bromomethane	1.624	94	465	0.275	ug/l #	33
6) Chloroethane	1.672	64	193	Below Cal	#	43
10) Methyl Iodide	2.465	142	139	1.275	ug/l #	84
11) Tert butyl alcohol	2.947	59	5654	Below Cal	#	72
16) Acetone	2.392	43	647	0.446	ug/l #	82
31) Cyclohexane	5.556	56	3252	0.669	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	14054	3.327	ug/l #	50
38) Carbon Tetrachloride	5.556	117	19119	4.428	ug/l #	16
41) Methacrylonitrile	4.940	41	24	Below Cal	#	18
44) Trichloroethene	7.129	130	3734	1.091	ug/l	85
76) 1,2,3-Trichloropropane	11.079	75	83591	20.951	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	83591	64.487	ug/l #	15

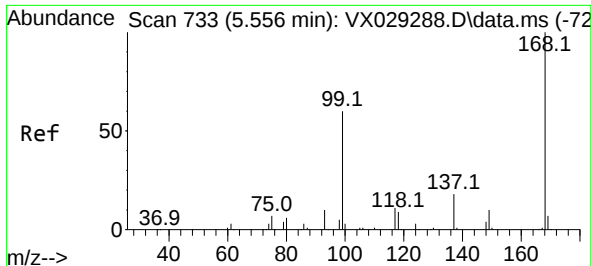
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 15 15:37:29 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

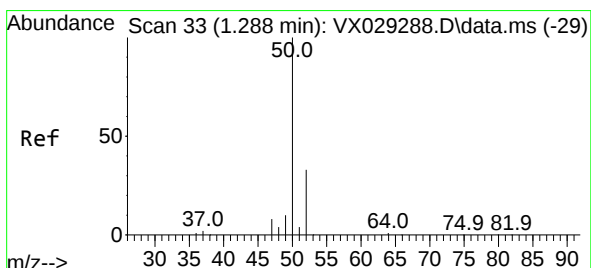
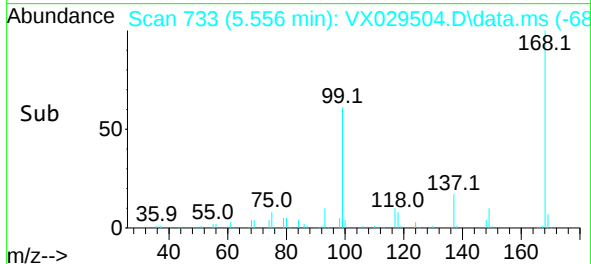
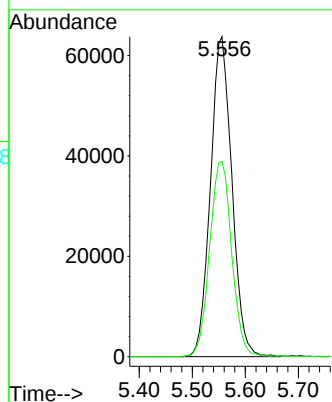
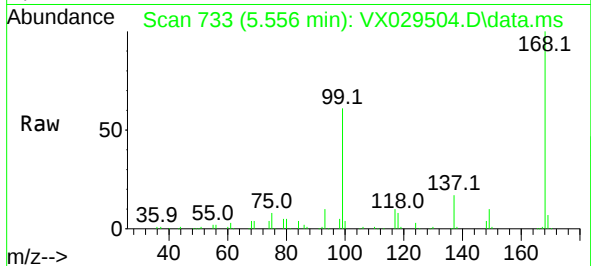




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029504.D
Acq: 15 Jun 2022 13:20

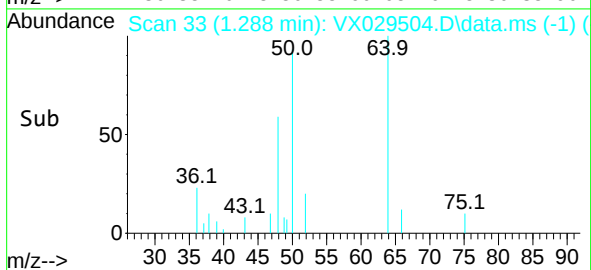
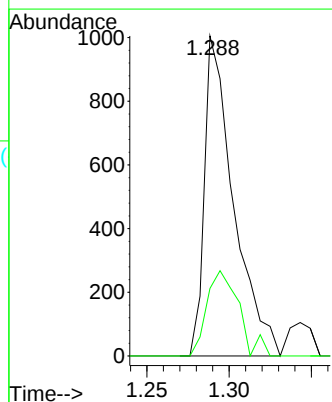
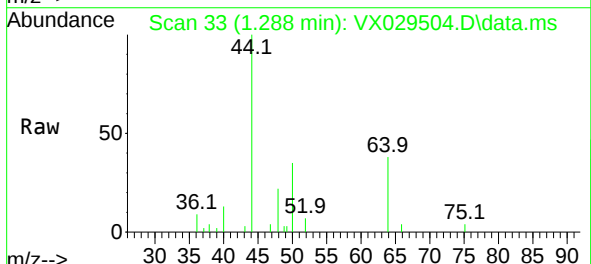
Instrument :
MSVOA_X
ClientSampleId :
VX0615MBL01

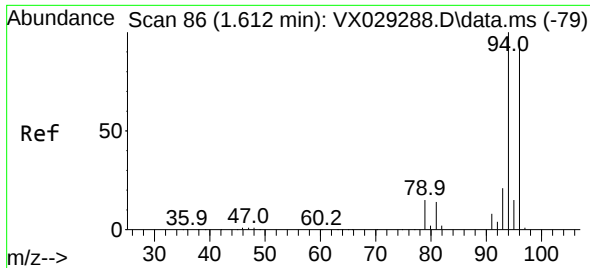
Tgt Ion:168 Resp: 179252
Ion Ratio Lower Upper
168 100
99 61.1 41.7 62.5



#3
Chloromethane
Concen: 0.408 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.000 min
Lab File: VX029504.D
Acq: 15 Jun 2022 13:20

Tgt Ion: 50 Resp: 1238
Ion Ratio Lower Upper
50 100
52 21.1 26.4 39.6#

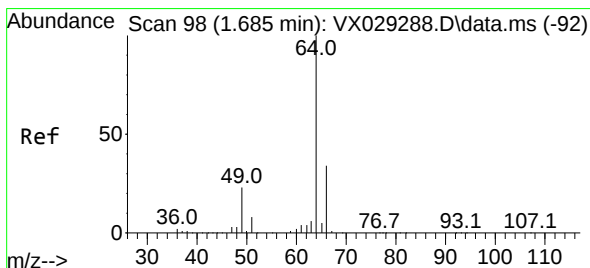
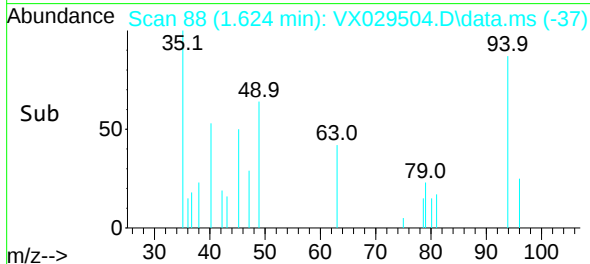
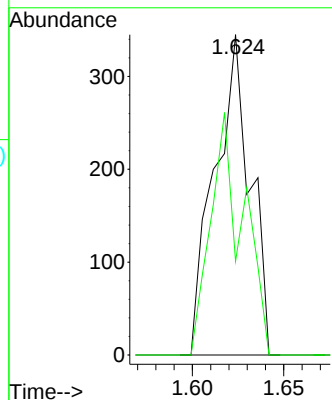
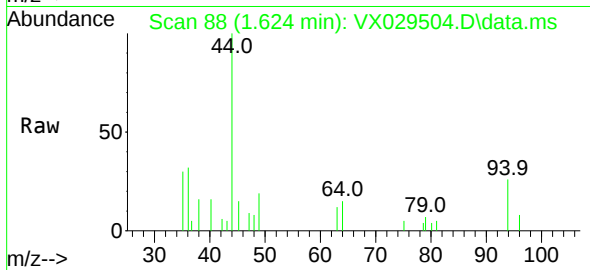




#5
Bromomethane
Concen: 0.275 ug/l
RT: 1.624 min Scan# 81
Delta R.T. 0.012 min
Lab File: VX029504.D
Acq: 15 Jun 2022 13:20

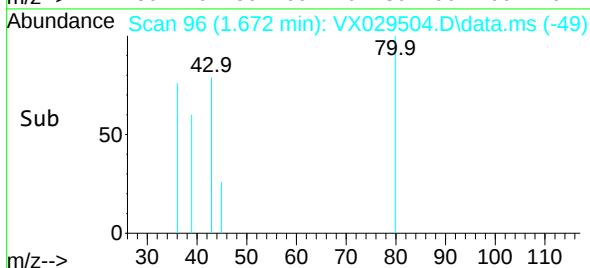
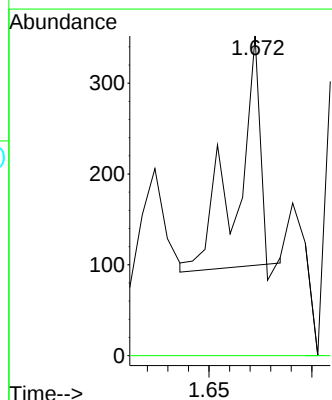
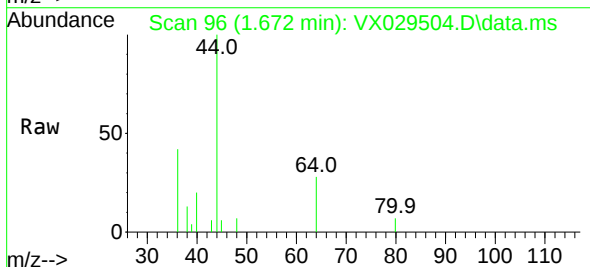
Instrument :
MSVOA_X
ClientSampleId :
VX0615MBL01

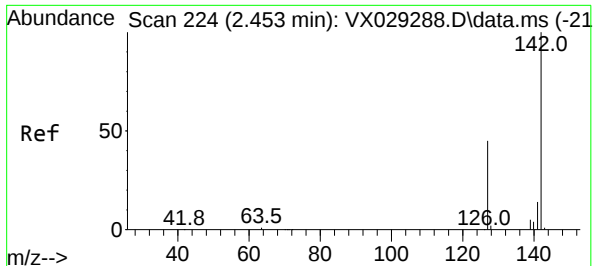
Tgt Ion: 94 Resp: 465
Ion Ratio Lower Upper
94 100
96 29.3 75.3 112.9#



#6
Chloroethane
Concen: Below Cal
RT: 1.672 min Scan# 96
Delta R.T. -0.013 min
Lab File: VX029504.D
Acq: 15 Jun 2022 13:20

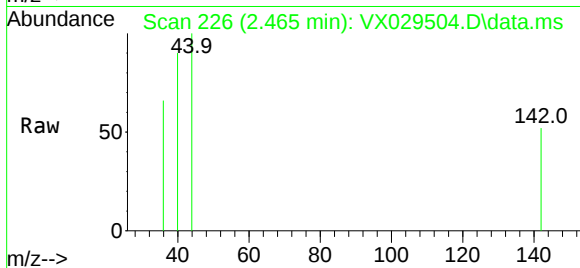
Tgt Ion: 64 Resp: 193
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



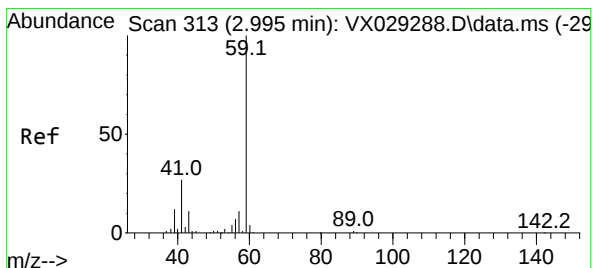
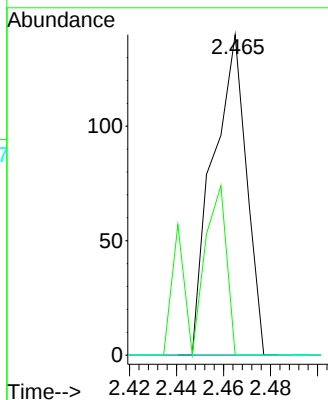
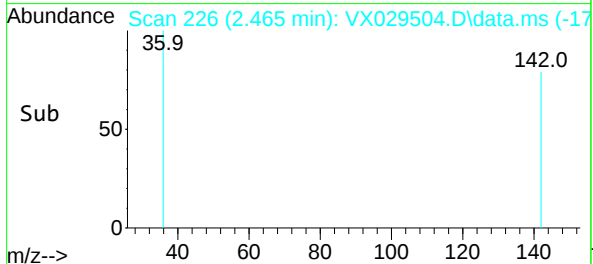


#10
Methyl Iodide
Concen: 1.275 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX029504.D
Acq: 15 Jun 2022 13:20

Instrument :
MSVOA_X
ClientSampleId :
VX0615MBL01

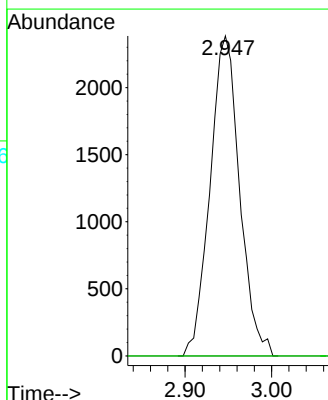
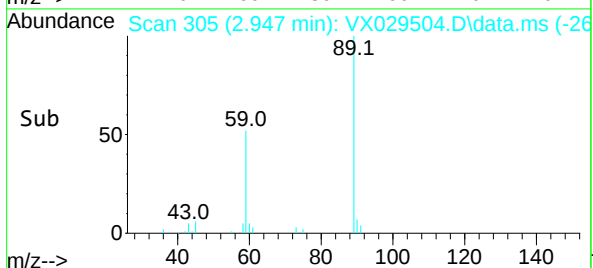
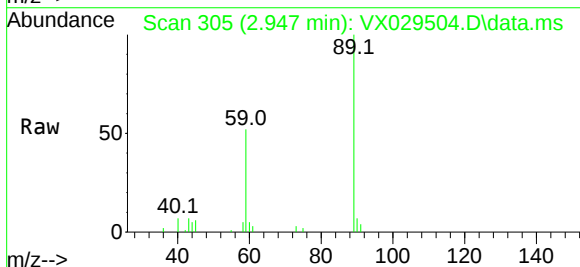


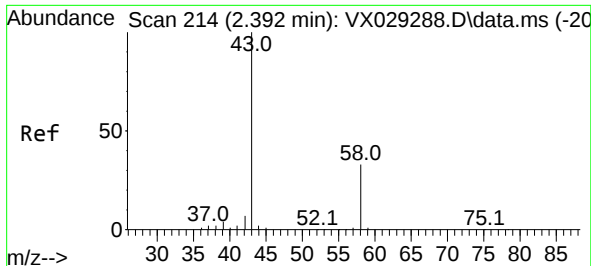
Tgt Ion:142 Resp: 139
Ion Ratio Lower Upper
142 100
127 48.2 33.9 50.9
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.048 min
Lab File: VX029504.D
Acq: 15 Jun 2022 13:20

Tgt Ion: 59 Resp: 5654
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

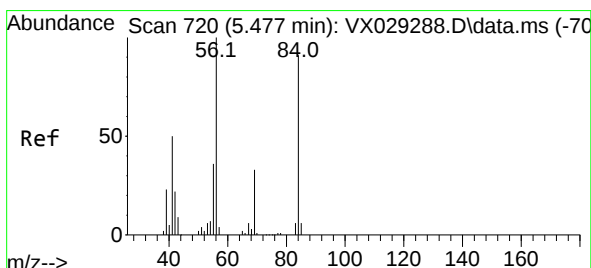
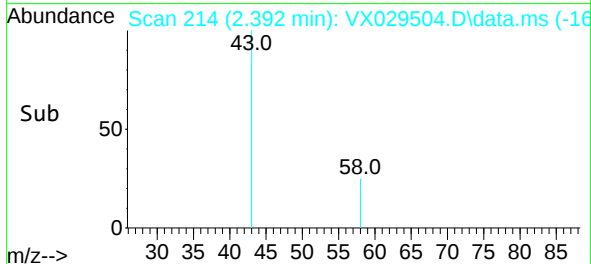
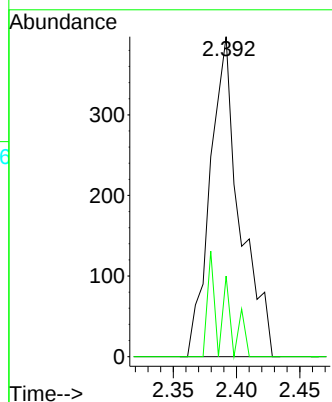
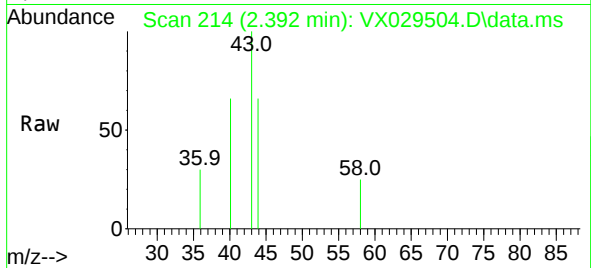




#16
Acetone
Concen: 0.446 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX029504.D
Acq: 15 Jun 2022 13:20

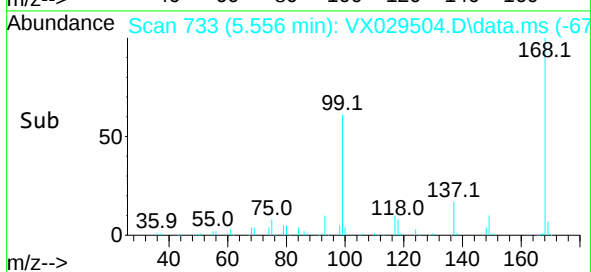
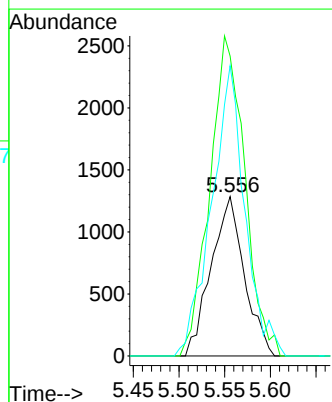
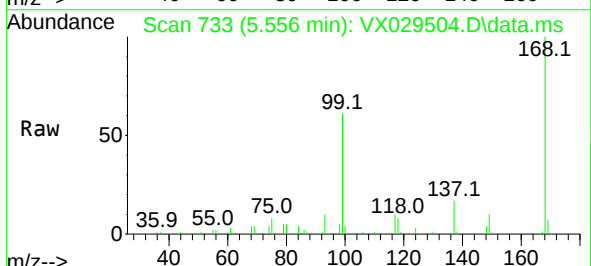
Instrument :
MSVOA_X
ClientSampleId :
VX0615MBL01

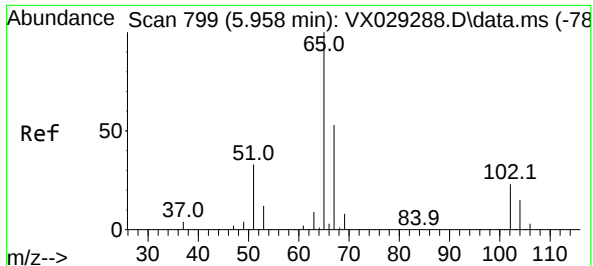
Tgt Ion: 43 Resp: 647
Ion Ratio Lower Upper
43 100
58 25.2 28.8 43.2#



#31
Cyclohexane
Concen: 0.669 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX029504.D
Acq: 15 Jun 2022 13:20

Tgt Ion: 56 Resp: 3252
Ion Ratio Lower Upper
56 100
69 188.2 26.7 40.1#
84 177.1 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 54.974 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029504.D

Acq: 15 Jun 2022 13:20

Instrument :

MSVOA_X

ClientSampleId :

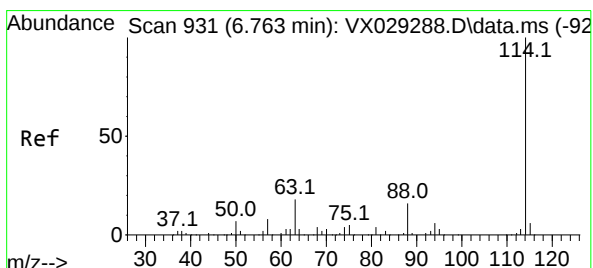
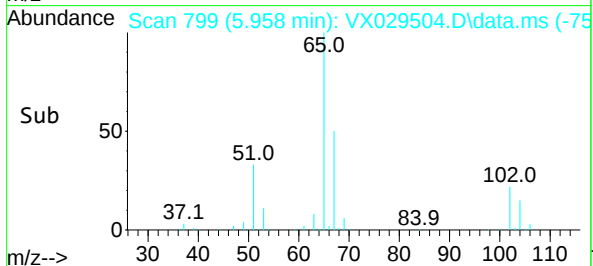
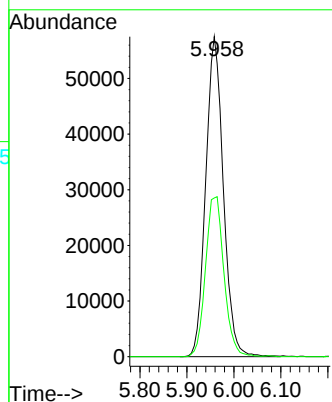
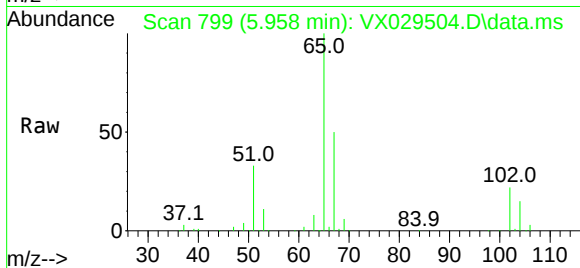
VX0615MBL01

Tgt Ion: 65 Resp: 149527

Ion Ratio Lower Upper

65 100

67 52.5 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX029504.D

Acq: 15 Jun 2022 13:20

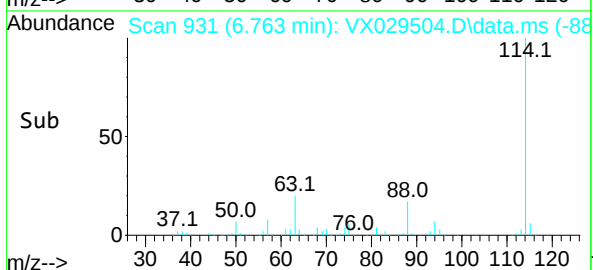
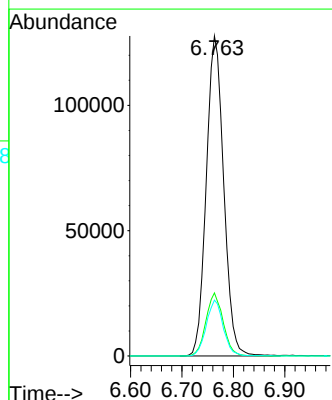
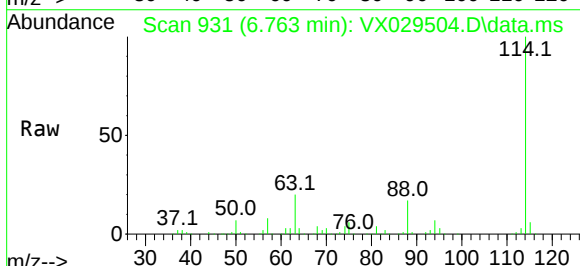
Tgt Ion: 114 Resp: 300795

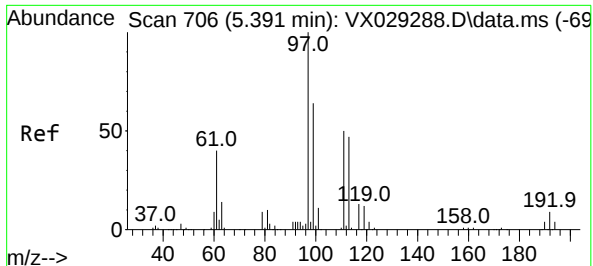
Ion Ratio Lower Upper

114 100

63 19.7 0.0 36.8

88 17.4 0.0 32.4





#35

Dibromofluoromethane

Concen: 47.667 ug/l

RT: 5.391 min Scan# 706

Delta R.T. -0.000 min

Lab File: VX029504.D

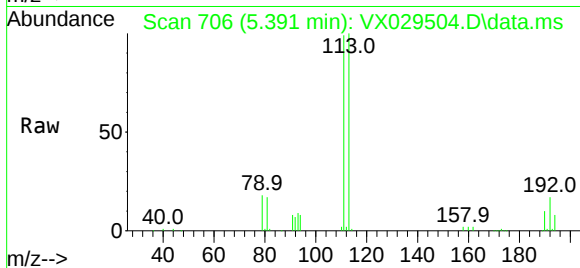
Acq: 15 Jun 2022 13:20

Instrument :

MSVOA_X

ClientSampleId :

VX0615MBL01



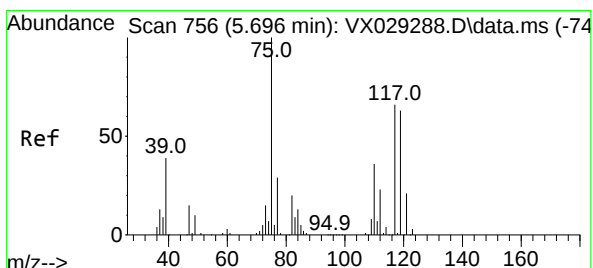
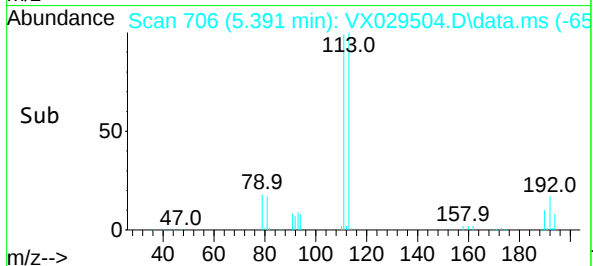
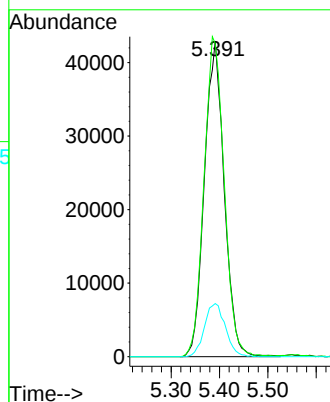
Tgt Ion:113 Resp: 121893

Ion Ratio Lower Upper

113 100

111 103.5 82.8 124.2

192 17.8 16.9 25.3



#36

1,1-Dichloropropene

Concen: 3.327 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX029504.D

Acq: 15 Jun 2022 13:20

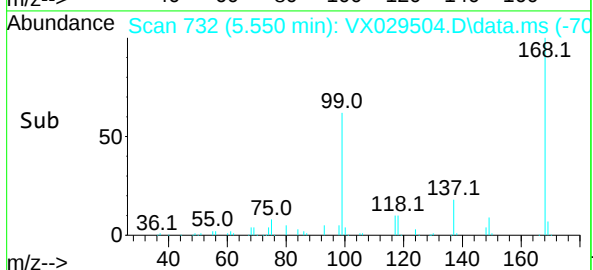
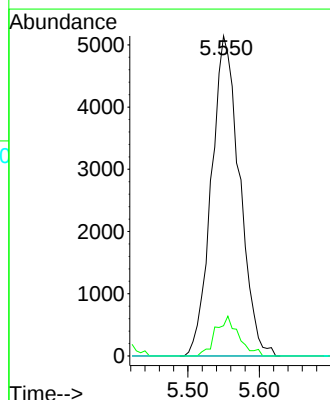
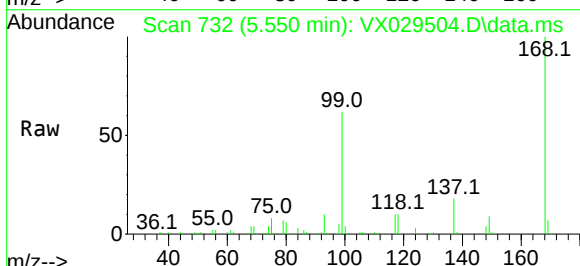
Tgt Ion: 75 Resp: 14054

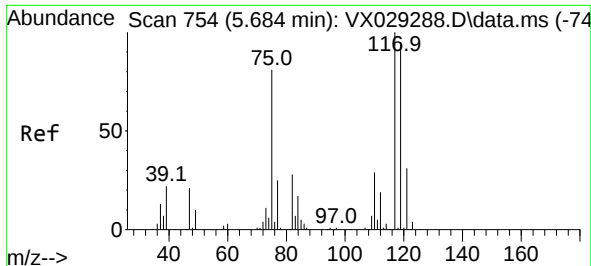
Ion Ratio Lower Upper

75 100

110 10.2 18.3 54.8#

77 0.0 24.8 37.2#

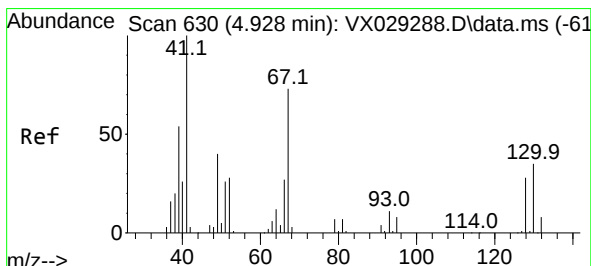
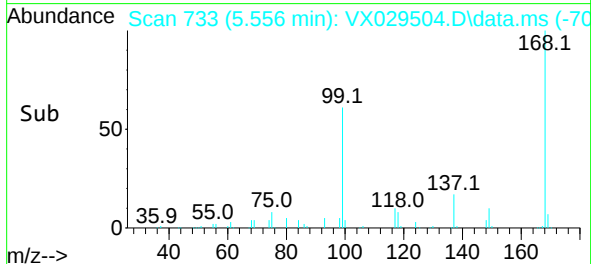
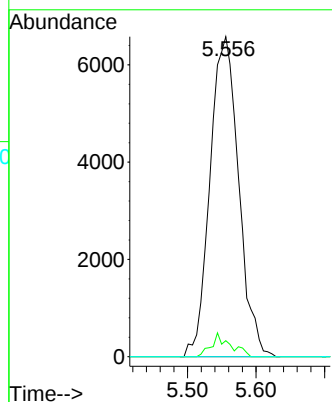
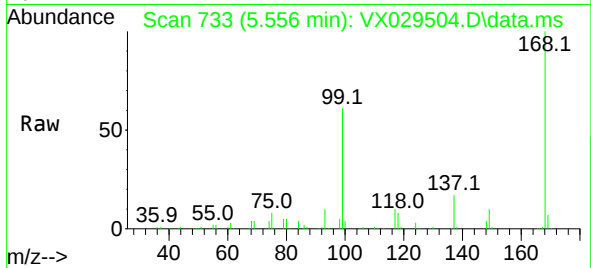




#38
Carbon Tetrachloride
Concen: 4.428 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX029504.D
Acq: 15 Jun 2022 13:20

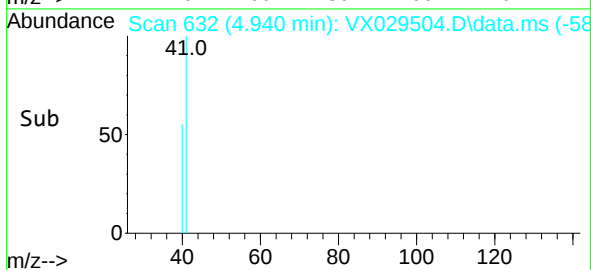
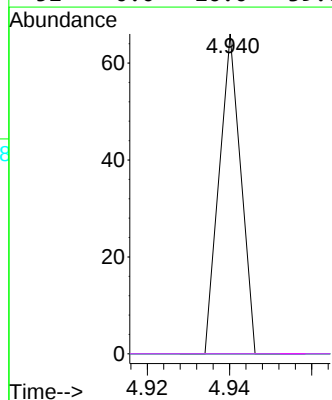
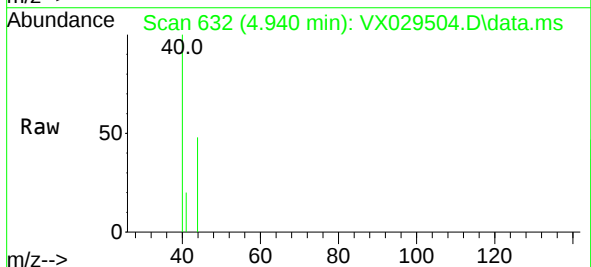
Instrument :
MSVOA_X
ClientSampleId :
VX0615MBL01

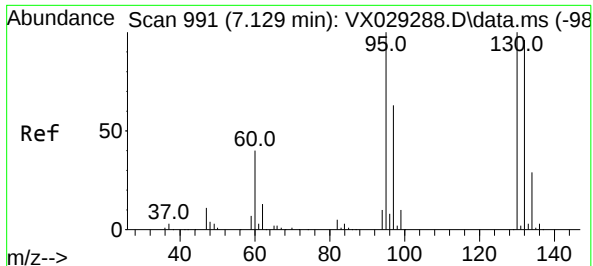
Tgt Ion:117 Resp: 19119
Ion Ratio Lower Upper
117 100
119 5.0 77.3 115.9#
121 0.0 24.2 36.2#



#41
Methacrylonitrile
Concen: Below Cal
RT: 4.940 min Scan# 632
Delta R.T. 0.012 min
Lab File: VX029504.D
Acq: 15 Jun 2022 13:20

Tgt Ion: 41 Resp: 24
Ion Ratio Lower Upper
41 100
39 0.0 43.0 64.4#
67 0.0 70.2 105.4#
52 0.0 26.0 39.0#

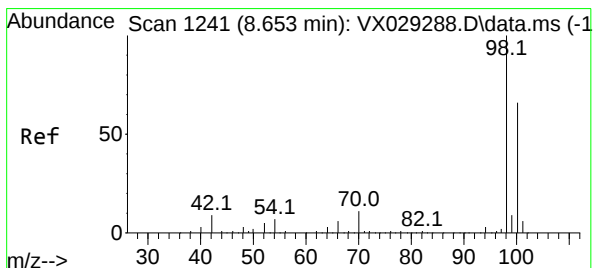
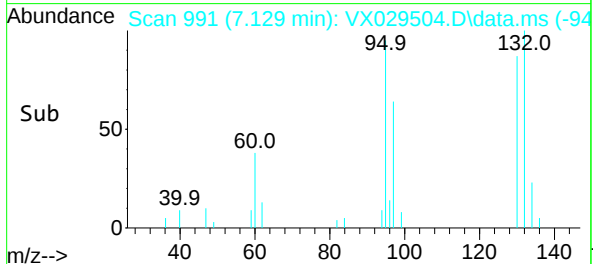
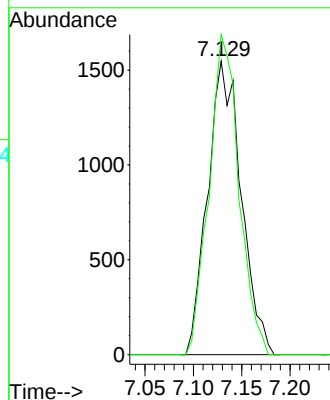
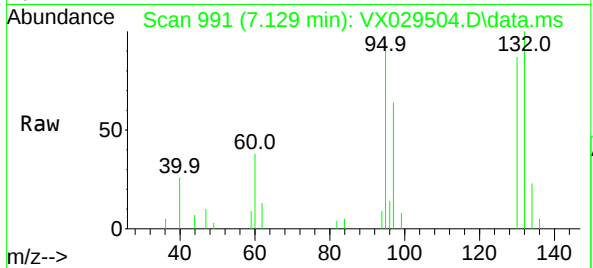




#44
Trichloroethene
Concen: 1.091 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX029504.D
Acq: 15 Jun 2022 13:20

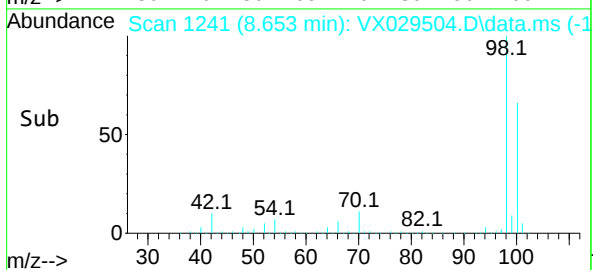
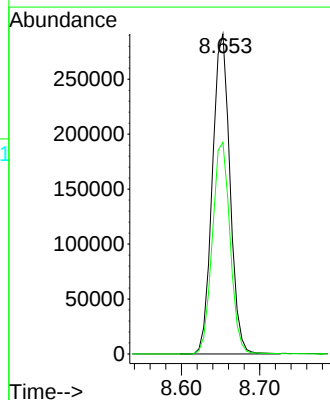
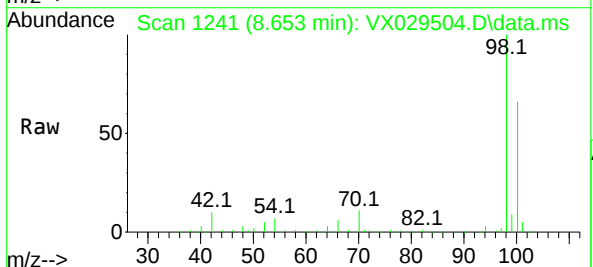
Instrument :
MSVOA_X
ClientSampleId :
VX0615MBL01

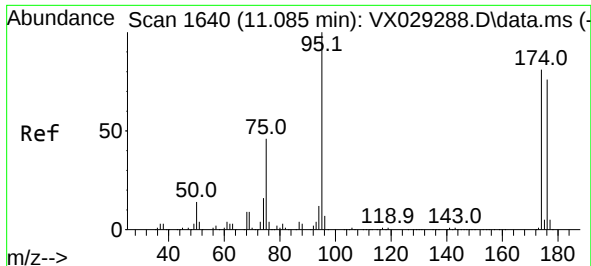
Tgt Ion:130 Resp: 3734
Ion Ratio Lower Upper
130 100
95 109.0 0.0 188.8



#50
Toluene-d8
Concen: 50.120 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029504.D
Acq: 15 Jun 2022 13:20

Tgt Ion: 98 Resp: 453283
Ion Ratio Lower Upper
98 100
100 66.8 52.6 78.8

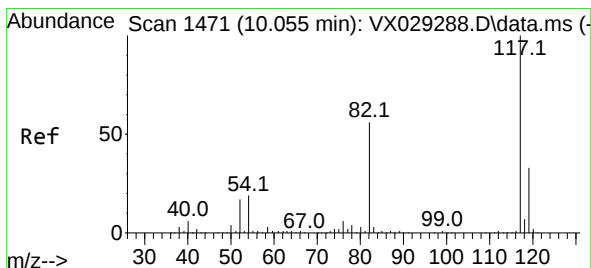
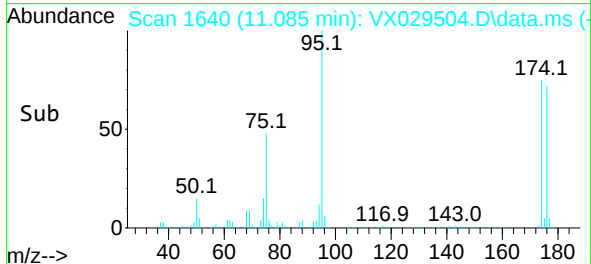
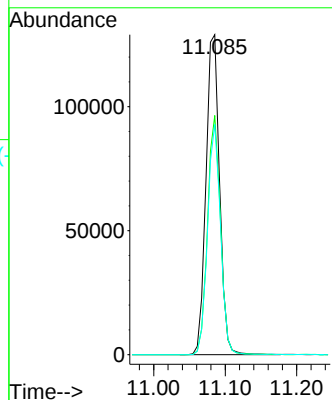
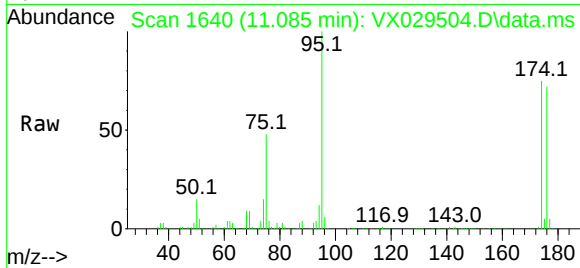




#62
4-Bromofluorobenzene
Concen: 48.260 ug/l
RT: 11.085 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX029504.D
Acq: 15 Jun 2022 13:20

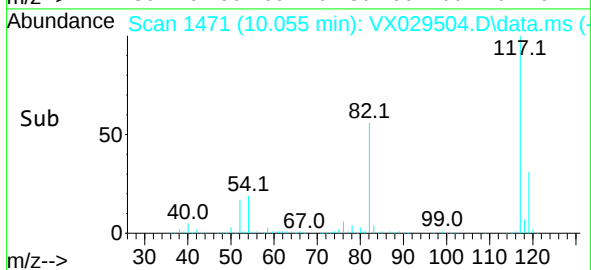
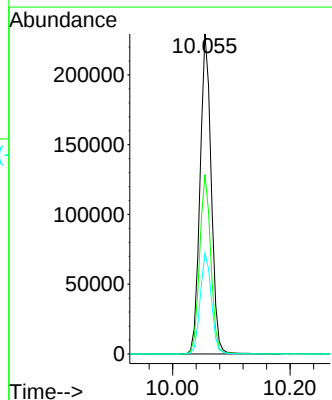
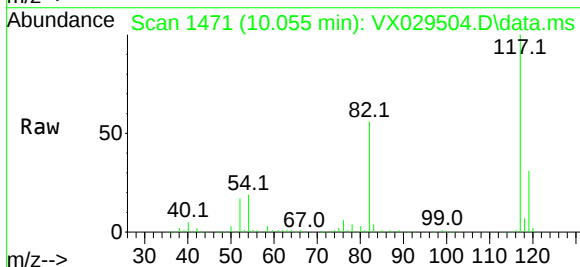
Instrument :
MSVOA_X
ClientSampleId :
VX0615MBL01

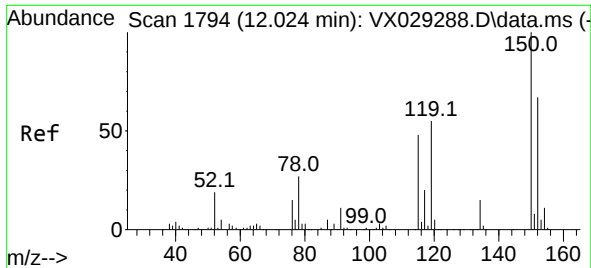
Tgt Ion: 95 Resp: 170803
Ion Ratio Lower Upper
95 100
174 71.1 0.0 163.0
176 68.6 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029504.D
Acq: 15 Jun 2022 13:20

Tgt Ion: 117 Resp: 303262
Ion Ratio Lower Upper
117 100
82 56.0 41.8 62.8
119 31.5 24.8 37.2

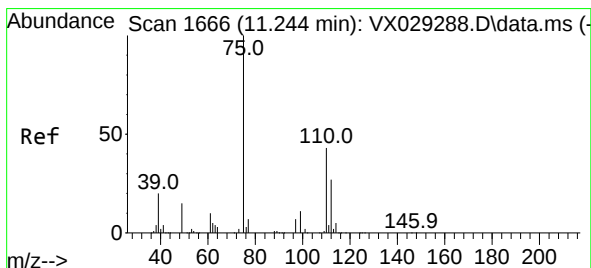
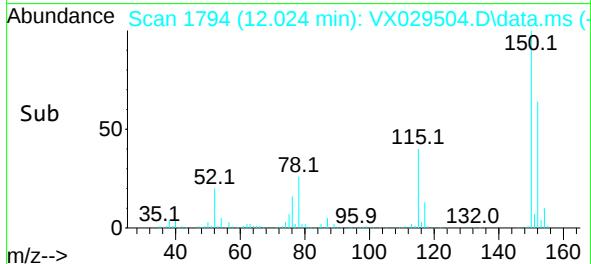
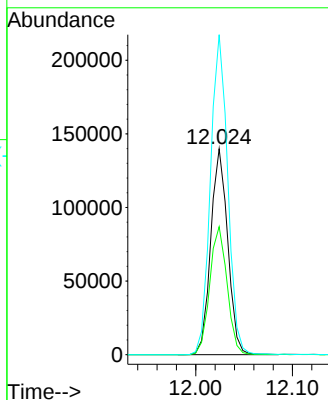
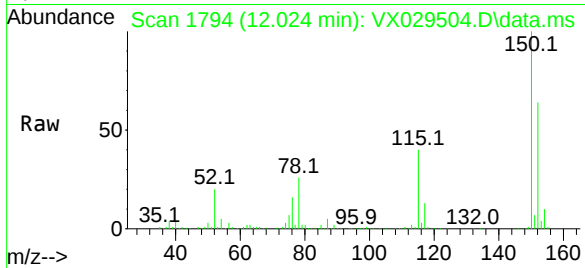




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX029504.D
 Acq: 15 Jun 2022 13:20

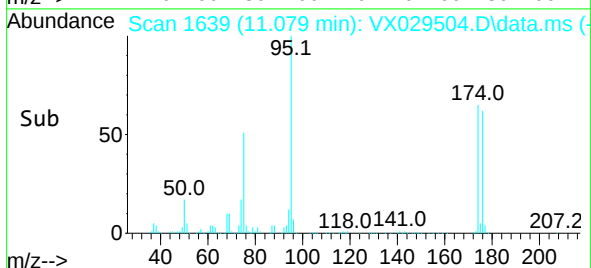
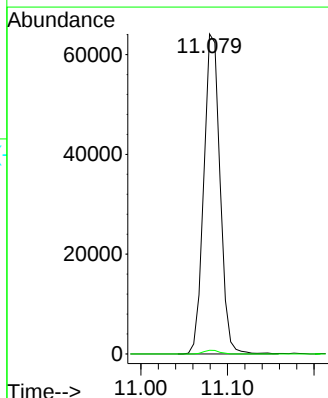
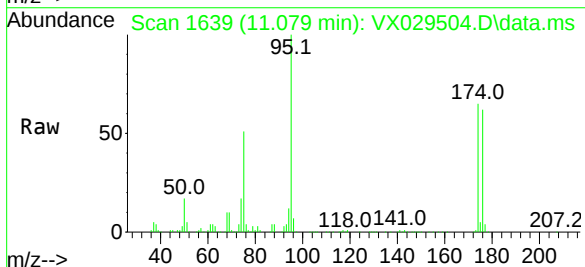
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0615MBL01

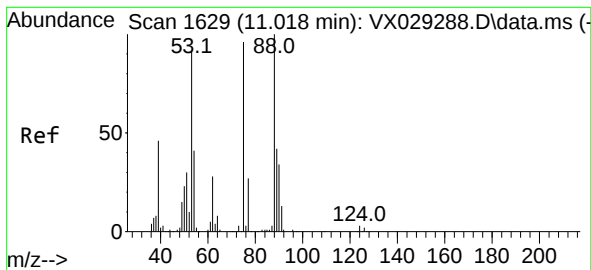
Tgt Ion:152 Resp: 170822
 Ion Ratio Lower Upper
 152 100
 115 63.4 37.5 112.7
 150 157.9 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 20.951 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX029504.D
 Acq: 15 Jun 2022 13:20

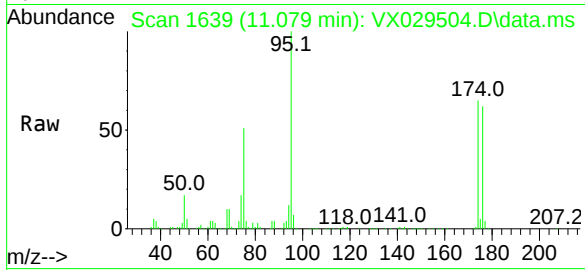
Tgt Ion: 75 Resp: 83591
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.487 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX029504.D
 Acq: 15 Jun 2022 13:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0615MBL01



Tgt Ion: 75 Resp: 83591
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.0 37.0 55.6#

