

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060922\
 Data File : VX029341.D
 Acq On : 09 Jun 2022 11:27
 Operator : JC/MD
 Sample : VX0609MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 09 17:52:49 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)

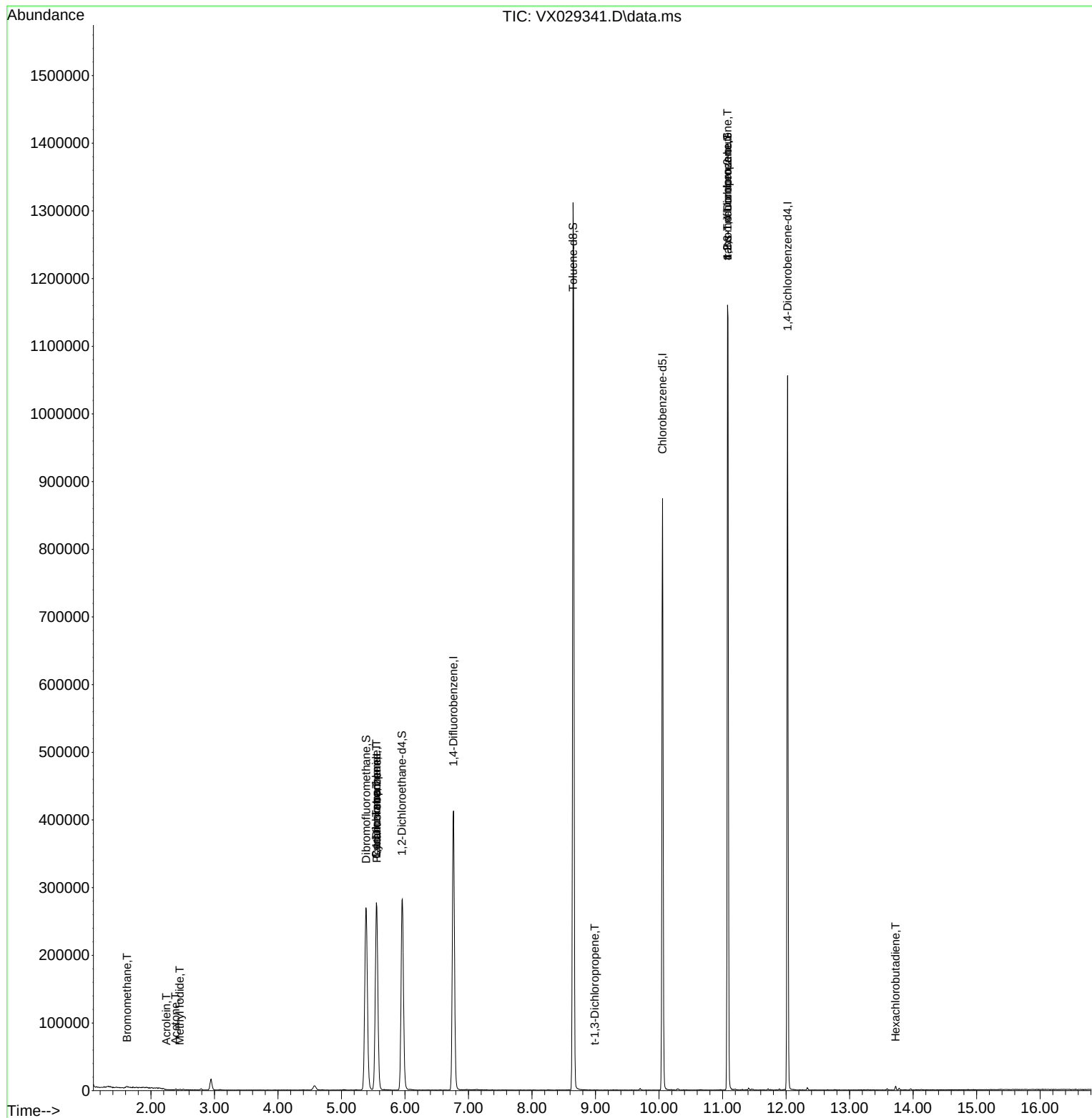
Internal Standards						
1) Pentafluorobenzene	5.556	168	255324	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	429304	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	401840	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	207986	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	275197	71.563	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 143.120%#	
35) Dibromofluoromethane	5.385	113	243133	66.617	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 133.240%#	
50) Toluene-d8	8.646	98	786564	60.936	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 121.880%	
62) 4-Bromofluorobenzene	11.079	95	338255	66.963	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 133.920%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.623	94	793	0.330	ug/l	92
6) Chloroethane	1.690	64	187	Below Cal	#	43
10) Methyl Iodide	2.452	142	836	1.403	ug/l #	84
11) Tert butyl alcohol	2.946	59	9608	Below Cal	#	73
13) Acrolein	2.239	56	151	0.320	ug/l	96
16) Acetone	2.385	43	1099	0.532	ug/l #	76
31) Cyclohexane	5.549	56	4708	0.680	ug/l #	1
36) 1,1-Dichloropropene	5.549	75	20992	3.482	ug/l #	49
38) Carbon Tetrachloride	5.549	117	28129	4.565	ug/l #	15
41) Methacrylonitrile	5.037	41	249	Below Cal	#	22
53) t-1,3-Dichloropropene	8.988	75	98	1.331	ug/l #	43
76) 1,2,3-Trichloropropane	11.079	75	167995	34.581	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	167995	105.010	ug/l #	15
94) Hexachlorobutadiene	13.725	225	854	0.478	ug/l	92

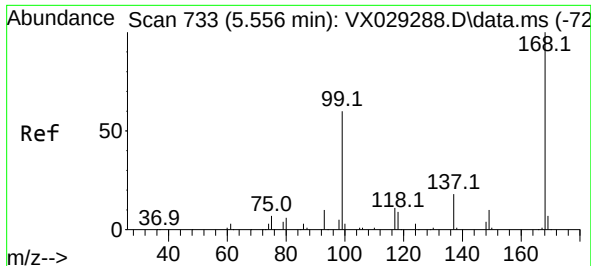
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
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Quant Time: Jun 09 17:52:49 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

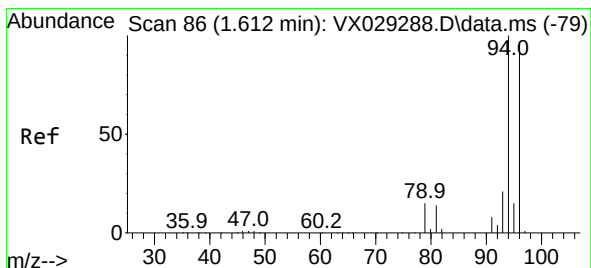
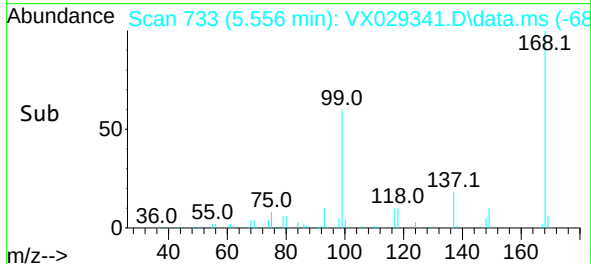
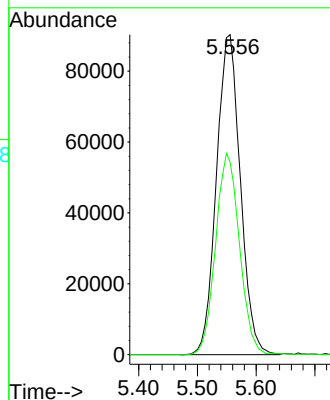
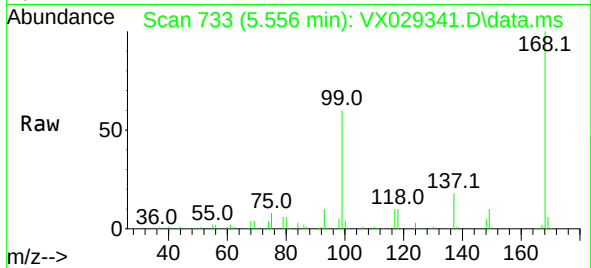




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029341.D
Acq: 09 Jun 2022 11:27

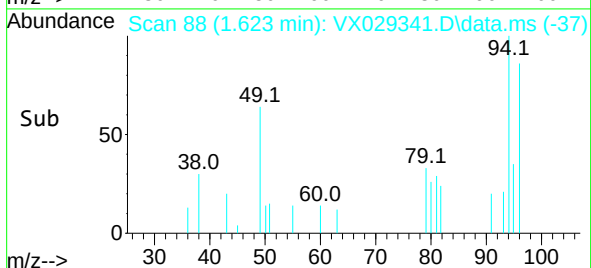
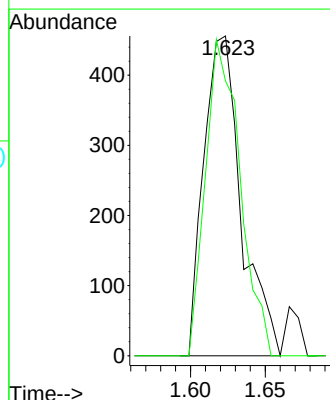
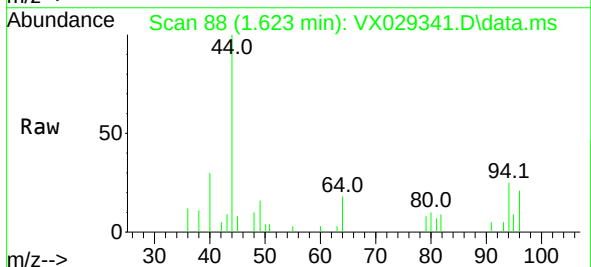
Instrument :
MSVOA_X
ClientSampleId :

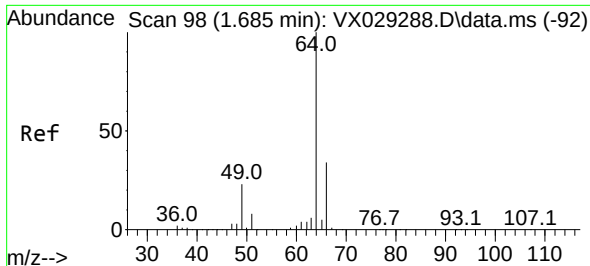
Tgt Ion:168 Resp: 255324
Ion Ratio Lower Upper
168 100
99 60.1 41.7 62.5



#5
Bromomethane
Concen: 0.330 ug/l
RT: 1.623 min Scan# 88
Delta R.T. 0.011 min
Lab File: VX029341.D
Acq: 09 Jun 2022 11:27

Tgt Ion: 94 Resp: 793
Ion Ratio Lower Upper
94 100
96 86.0 75.3 112.9

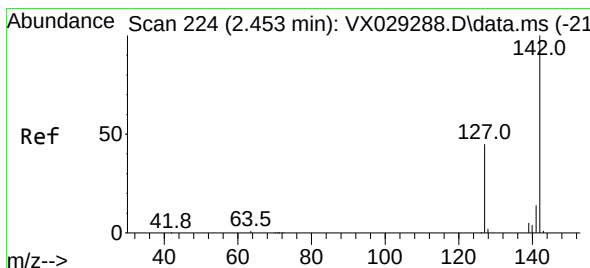
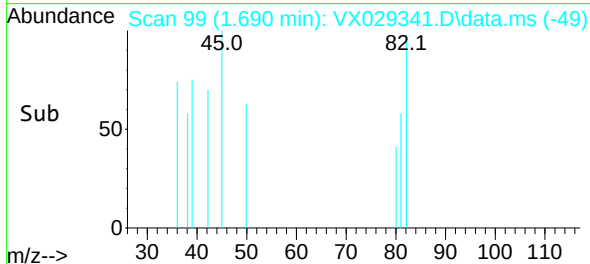
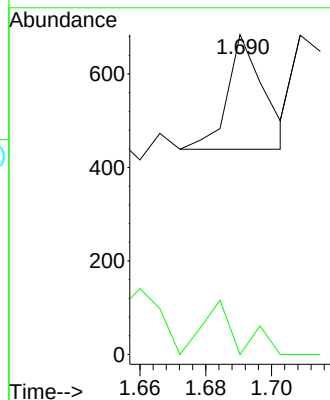
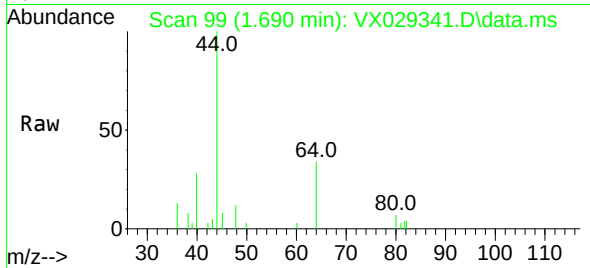




#6
Chloroethane
Concen: Below Cal
RT: 1.690 min Scan# 91
Delta R.T. 0.005 min
Lab File: VX029341.D
Acq: 09 Jun 2022 11:27

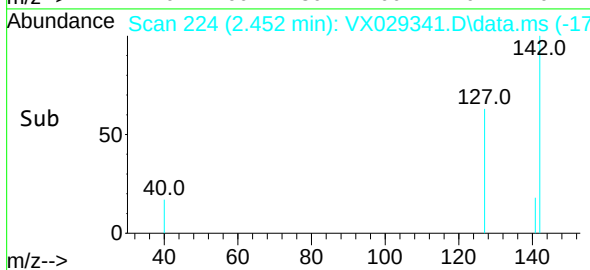
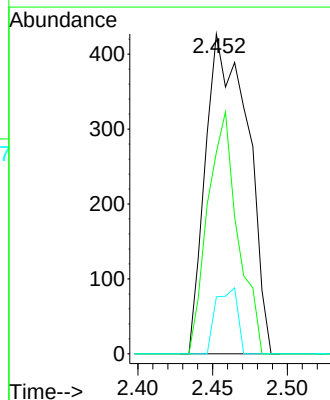
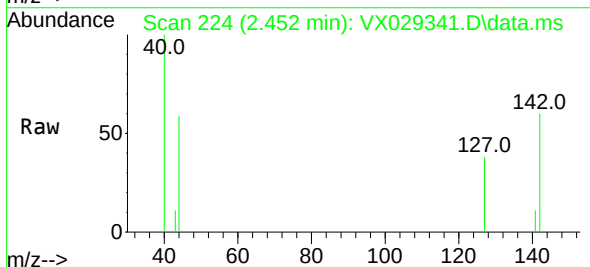
Instrument :
MSVOA_X
ClientSampleId :

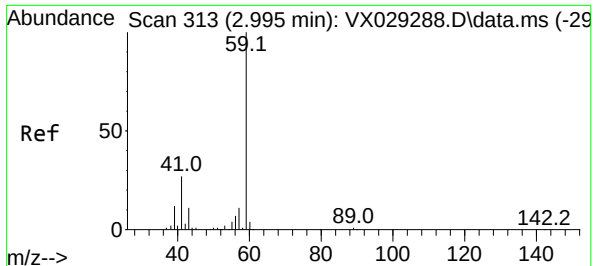
Tgt Ion: 64 Resp: 187
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#10
Methyl Iodide
Concen: 1.403 ug/l
RT: 2.452 min Scan# 224
Delta R.T. -0.001 min
Lab File: VX029341.D
Acq: 09 Jun 2022 11:27

Tgt Ion: 142 Resp: 836
Ion Ratio Lower Upper
142 100
127 54.3 33.9 50.9#
141 10.5 11.4 17.2#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.946 min Scan# 30

Delta R.T. -0.049 min

Lab File: VX029341.D

Acq: 09 Jun 2022 11:27

Instrument :

MSVOA_X

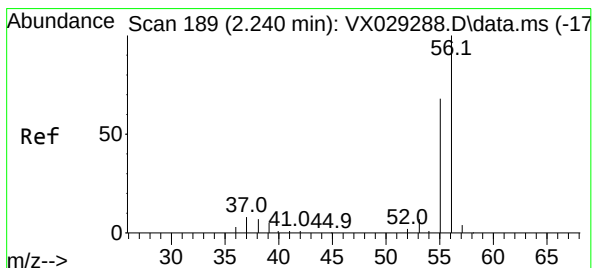
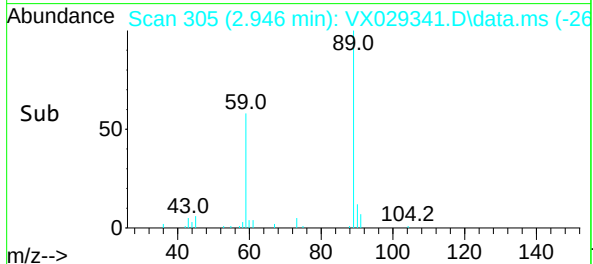
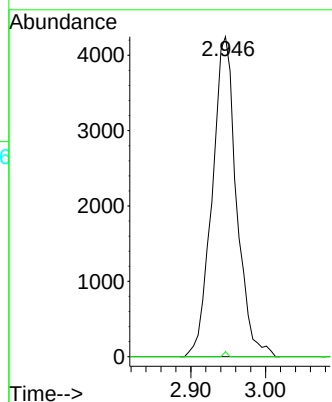
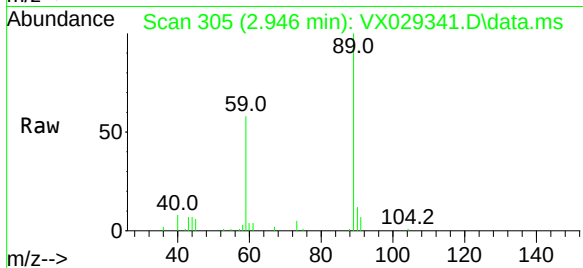
ClientSampleId :

Tgt Ion: 59 Resp: 9608

Ion Ratio Lower Upper

59 100

57 0.3 8.3 12.5#



#13

Acrolein

Concen: 0.320 ug/l

RT: 2.239 min Scan# 189

Delta R.T. -0.000 min

Lab File: VX029341.D

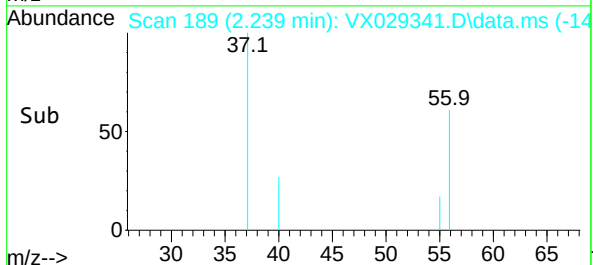
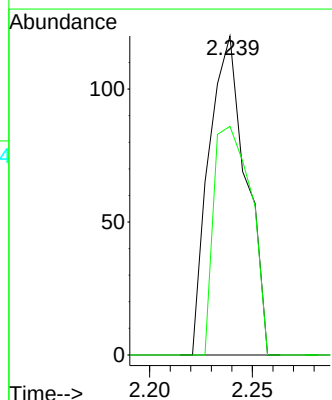
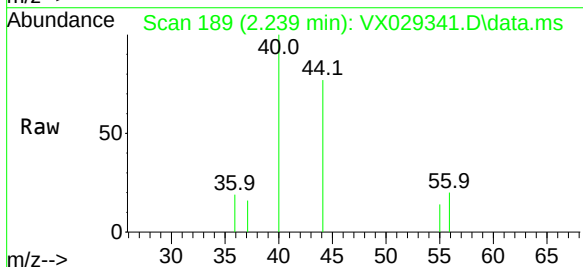
Acq: 09 Jun 2022 11:27

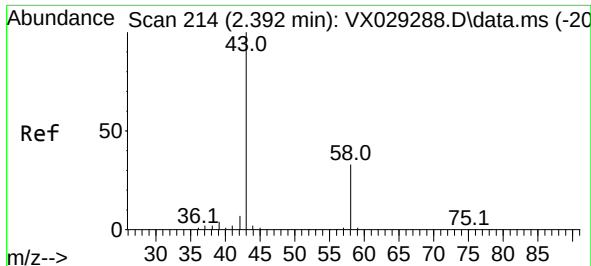
Tgt Ion: 56 Resp: 151

Ion Ratio Lower Upper

56 100

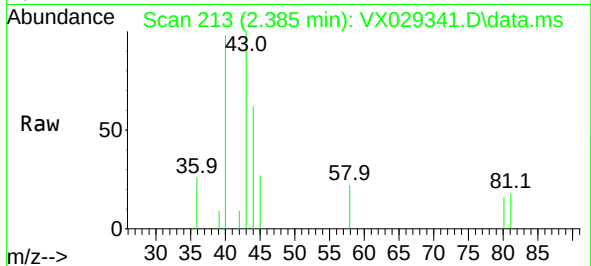
55 72.2 55.0 82.6



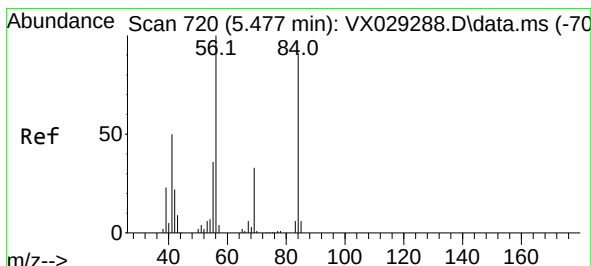
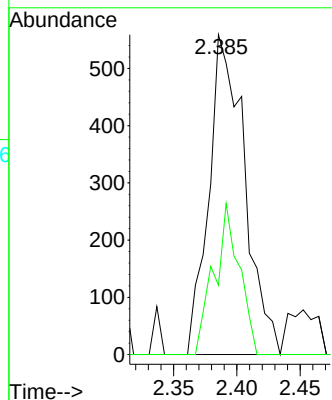
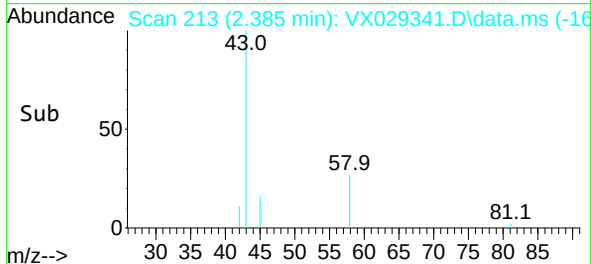


#16
Acetone
Concen: 0.532 ug/l
RT: 2.385 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX029341.D
Acq: 09 Jun 2022 11:27

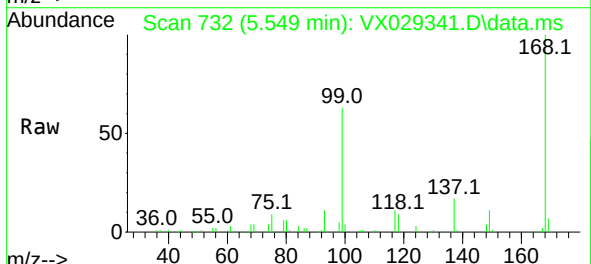
Instrument :
MSVOA_X
ClientSampleId :



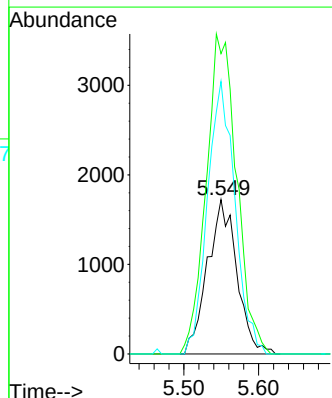
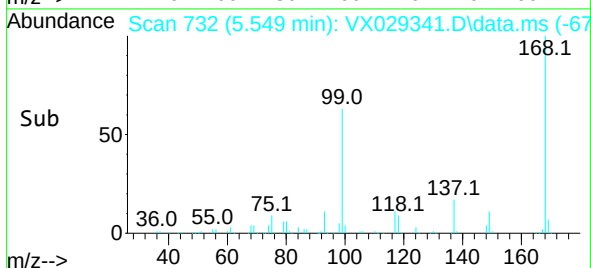
Tgt Ion: 43 Resp: 1099
Ion Ratio Lower Upper
43 100
58 21.6 28.8 43.2#

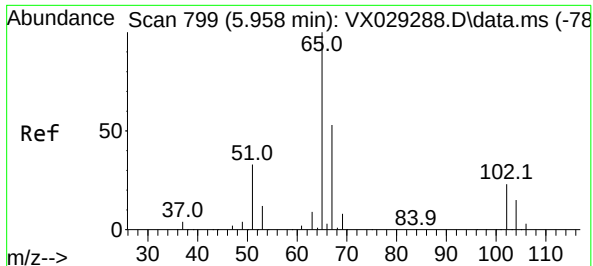


#31
Cyclohexane
Concen: 0.680 ug/l
RT: 5.549 min Scan# 732
Delta R.T. 0.073 min
Lab File: VX029341.D
Acq: 09 Jun 2022 11:27



Tgt Ion: 56 Resp: 4708
Ion Ratio Lower Upper
56 100
69 194.5 26.7 40.1#
84 176.5 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 71.563 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX029341.D

Acq: 09 Jun 2022 11:27

Instrument :

MSVOA_X

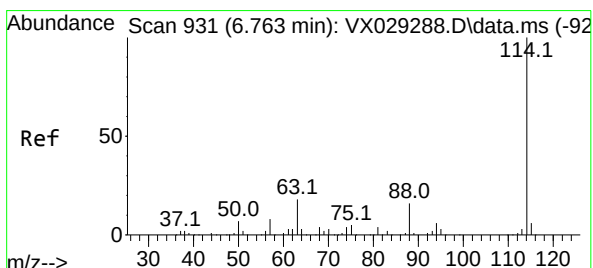
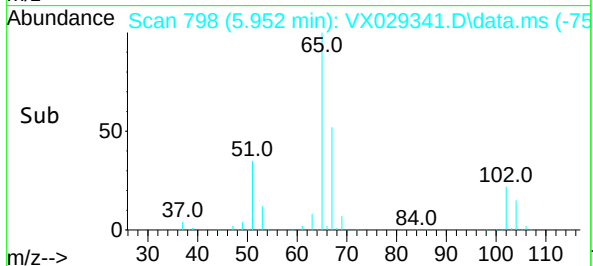
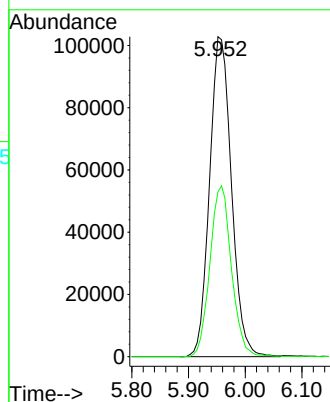
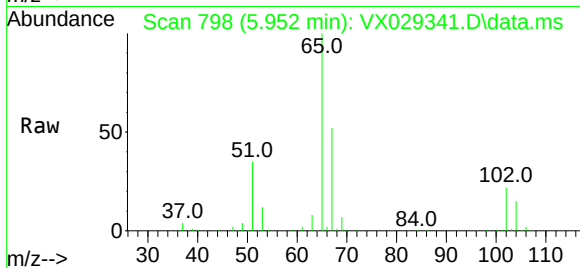
ClientSampleId :

Tgt Ion: 65 Resp: 275197

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: VX029341.D

Acq: 09 Jun 2022 11:27

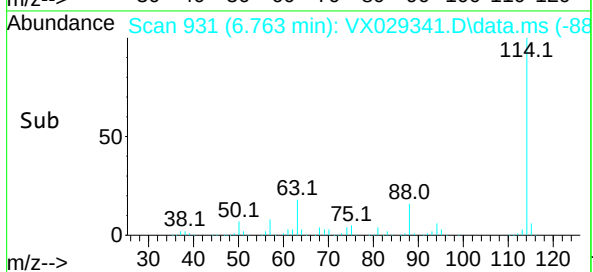
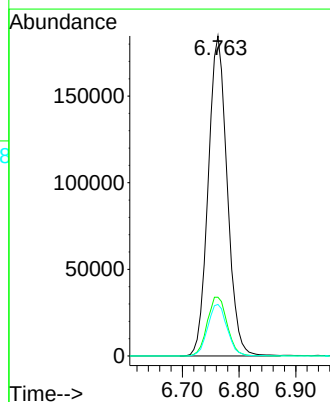
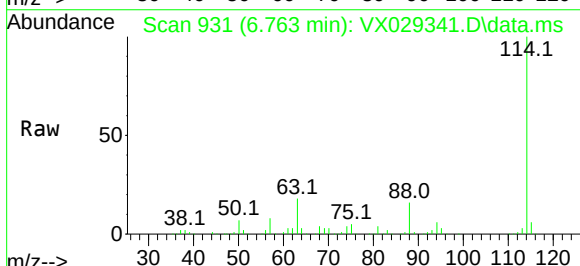
Tgt Ion: 114 Resp: 429304

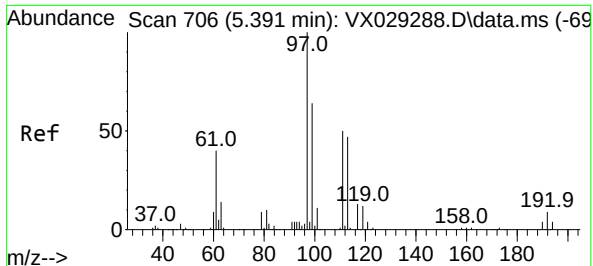
Ion Ratio Lower Upper

114 100

63 18.4 0.0 36.8

88 16.1 0.0 32.4





#35

Dibromofluoromethane

Concen: 66.617 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

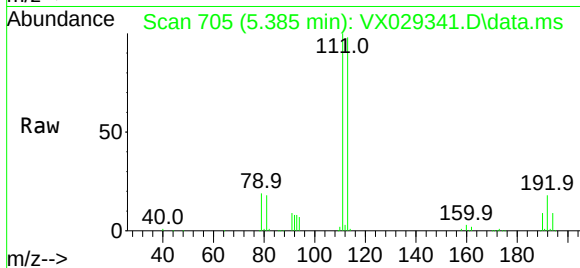
Lab File: VX029341.D

Acq: 09 Jun 2022 11:27

Instrument :

MSVOA_X

ClientSampleId :



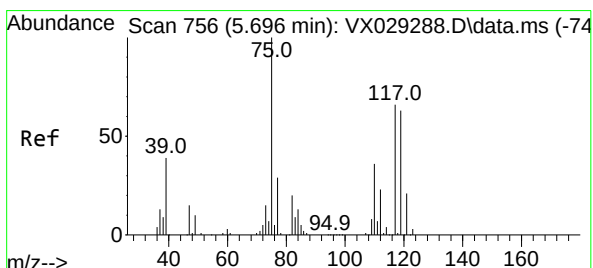
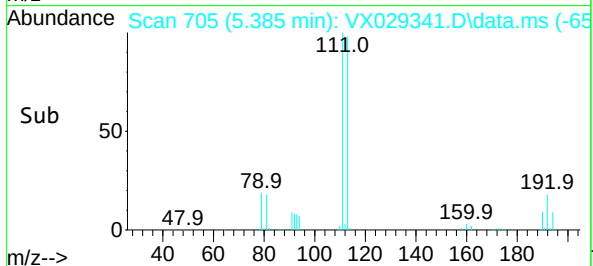
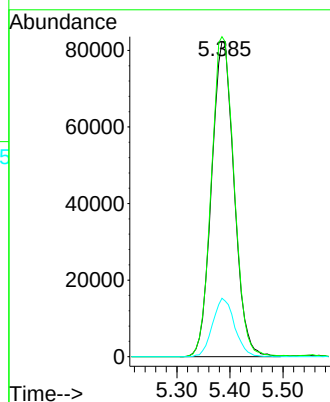
Tgt Ion:113 Resp: 243133

Ion Ratio Lower Upper

113 100

111 102.2 82.8 124.2

192 18.1 16.9 25.3



#36

1,1-Dichloropropene

Concen: 3.482 ug/l

RT: 5.549 min Scan# 732

Delta R.T. -0.147 min

Lab File: VX029341.D

Acq: 09 Jun 2022 11:27

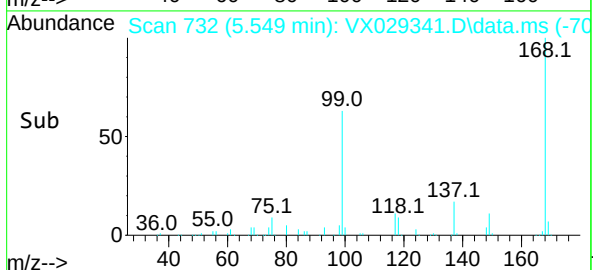
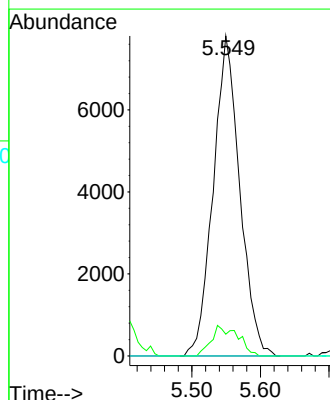
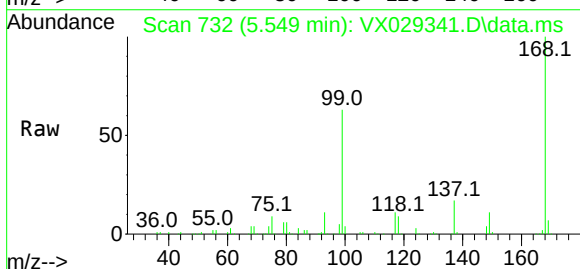
Tgt Ion: 75 Resp: 20992

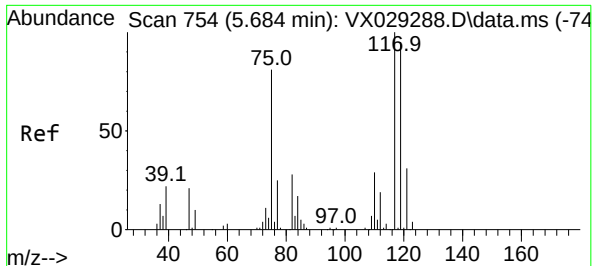
Ion Ratio Lower Upper

75 100

110 9.5 18.3 54.8#

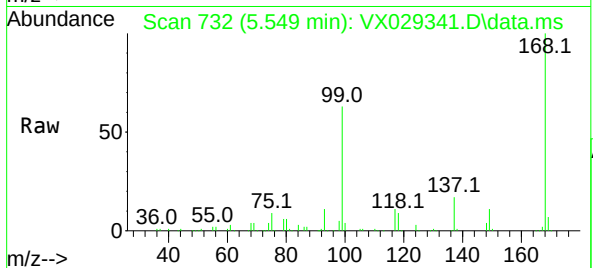
77 0.0 24.8 37.2#



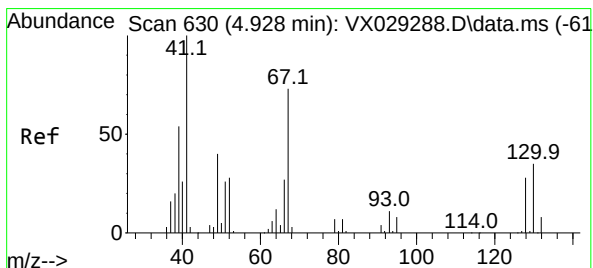
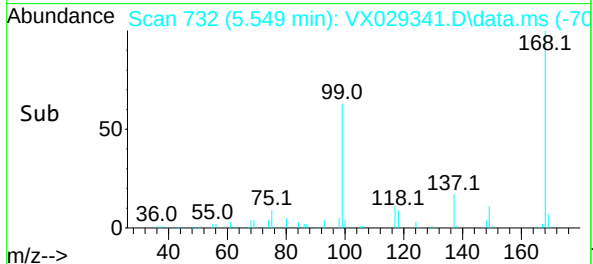
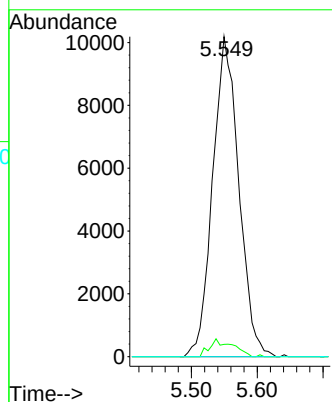


#38
Carbon Tetrachloride
Concen: 4.565 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.135 min
Lab File: VX029341.D
Acq: 09 Jun 2022 11:27

Instrument :
MSVOA_X
ClientSampleId :

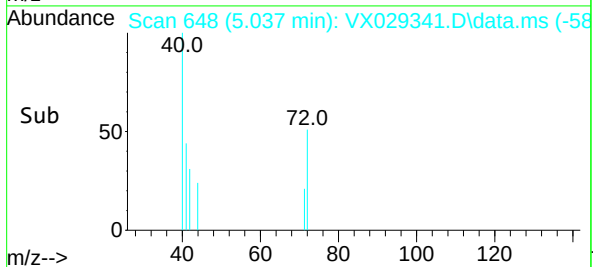
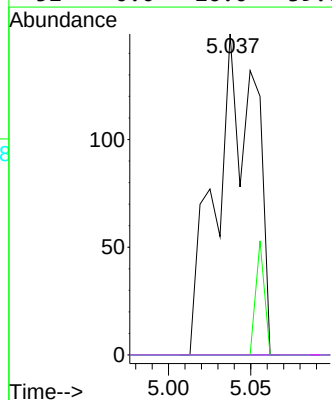
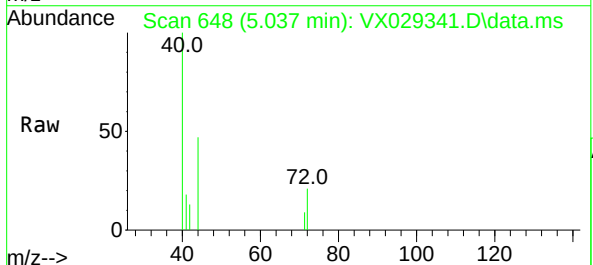


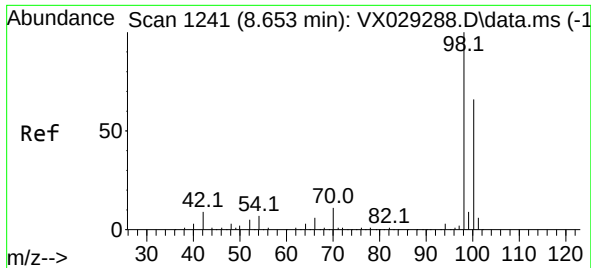
Tgt Ion:117 Resp: 28129
Ion Ratio Lower Upper
117 100
119 3.9 77.3 115.9#
121 0.0 24.2 36.2#



#41
Methacrylonitrile
Concen: Below Cal
RT: 5.037 min Scan# 648
Delta R.T. 0.109 min
Lab File: VX029341.D
Acq: 09 Jun 2022 11:27

Tgt Ion: 41 Resp: 249
Ion Ratio Lower Upper
41 100
39 7.6 43.0 64.4#
67 0.0 70.2 105.4#
52 0.0 26.0 39.0#

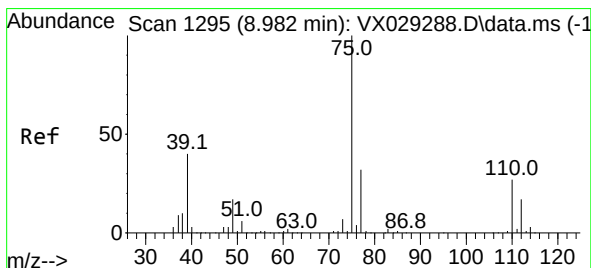
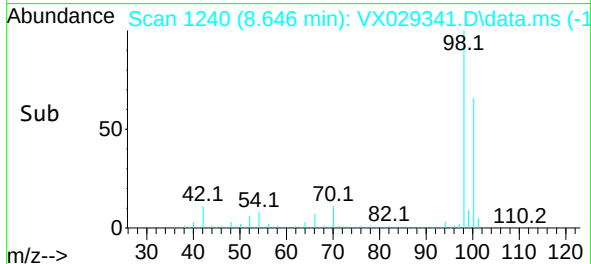
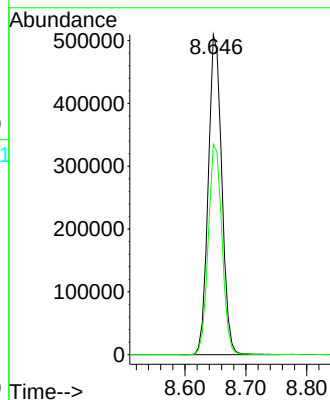
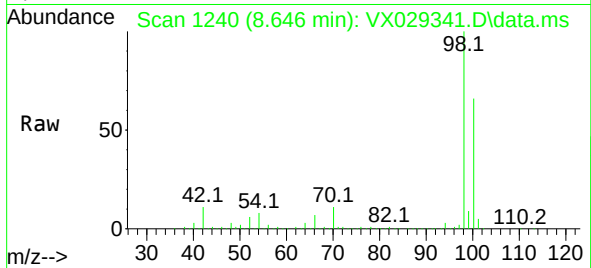




#50
Toluene-d8
Concen: 60.936 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX029341.D
Acq: 09 Jun 2022 11:27

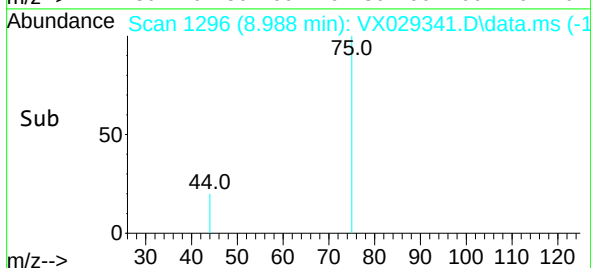
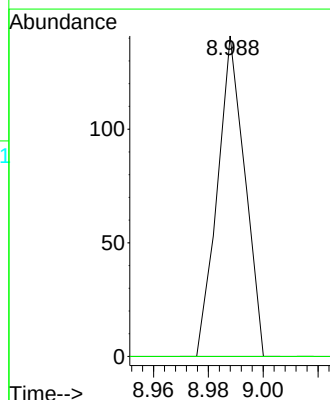
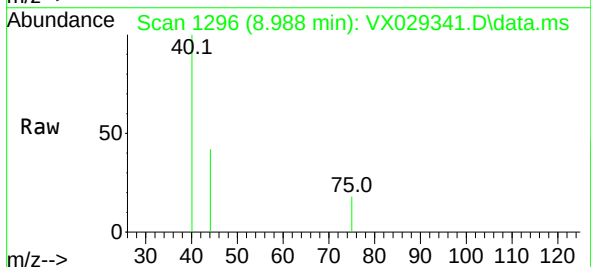
Instrument :
MSVOA_X
ClientSampleId :

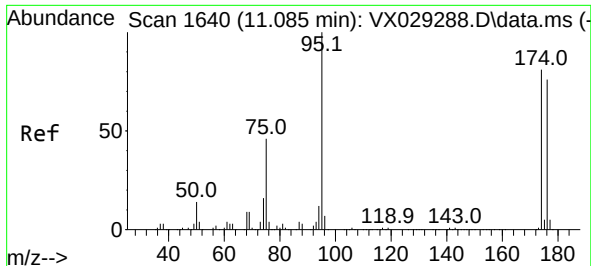
Tgt Ion: 98 Resp: 786564
Ion Ratio Lower Upper
98 100
100 66.6 52.6 78.8



#53
t-1,3-Dichloropropene
Concen: 1.331 ug/l
RT: 8.988 min Scan# 1296
Delta R.T. 0.006 min
Lab File: VX029341.D
Acq: 09 Jun 2022 11:27

Tgt Ion: 75 Resp: 98
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.0#

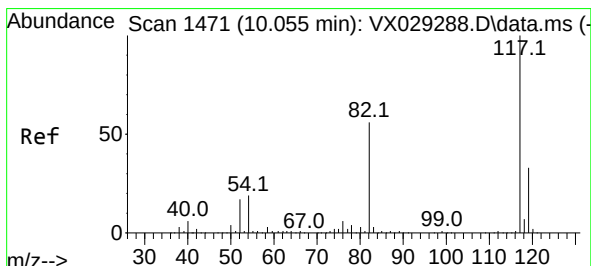
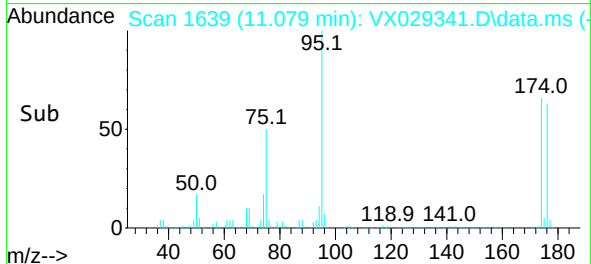
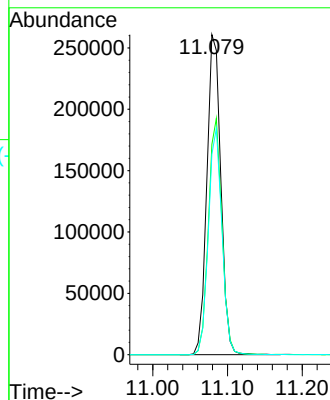
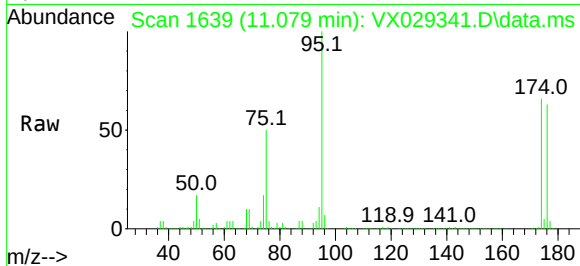




#62
4-Bromofluorobenzene
Concen: 66.963 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029341.D
Acq: 09 Jun 2022 11:27

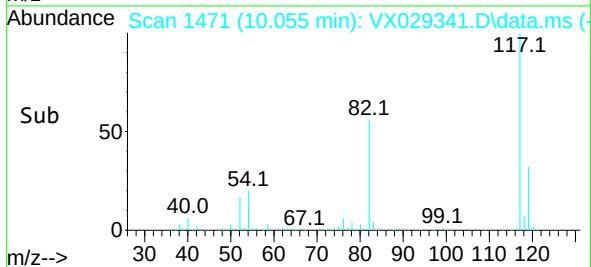
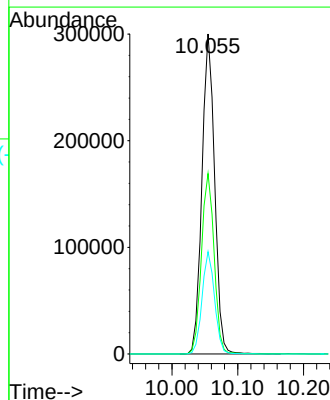
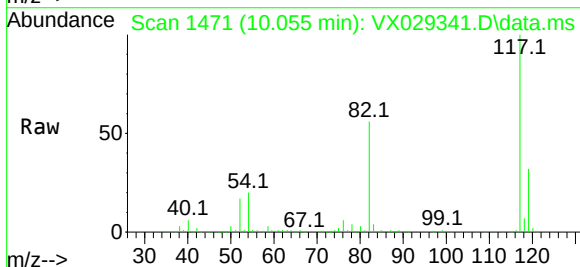
Instrument :
MSVOA_X
ClientSampleId :

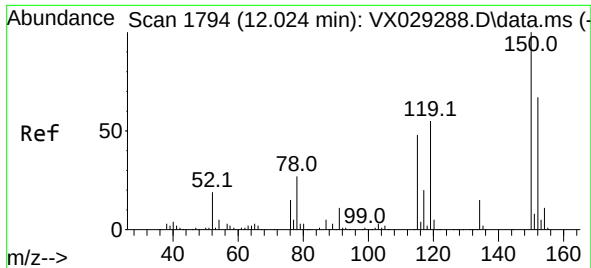
Tgt Ion: 95 Resp: 338255
Ion Ratio Lower Upper
95 100
174 71.7 0.0 163.0
176 68.8 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029341.D
Acq: 09 Jun 2022 11:27

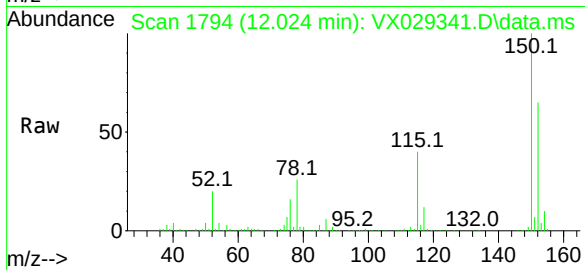
Tgt Ion: 117 Resp: 401840
Ion Ratio Lower Upper
117 100
82 56.4 41.8 62.8
119 32.0 24.8 37.2





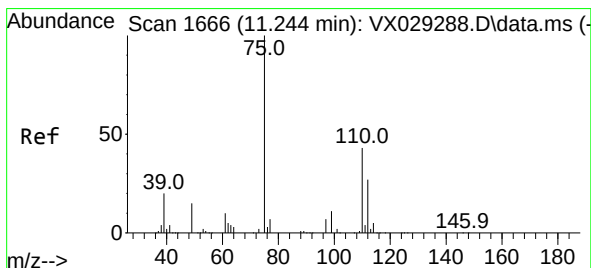
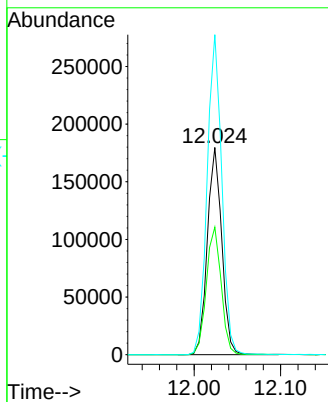
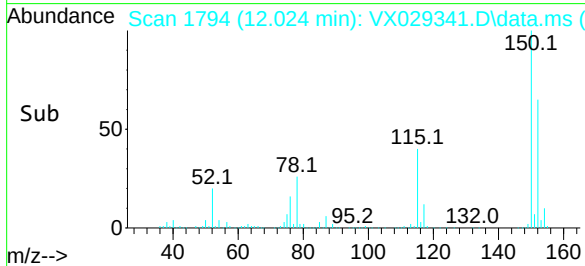
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX029341.D
 Acq: 09 Jun 2022 11:27

Instrument :
 MSVOA_X
 ClientSampleId :

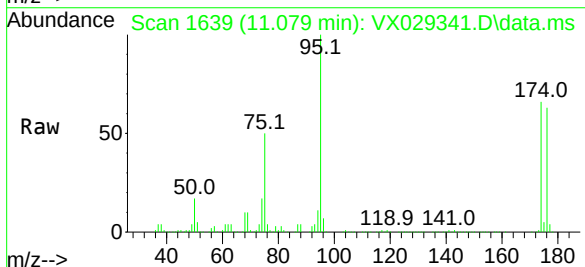


Tgt Ion:152 Resp: 207986

Ion	Ratio	Lower	Upper
152	100		
115	63.3	37.5	112.7
150	156.7	0.0	338.2

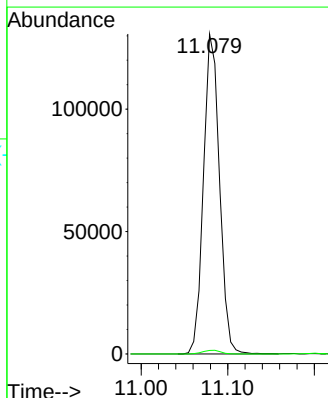
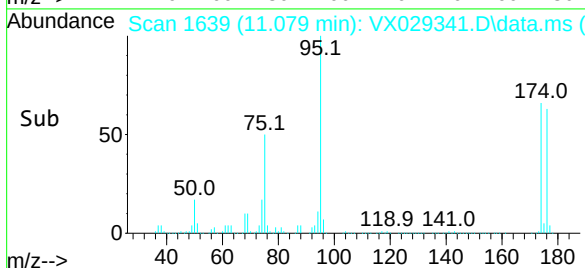


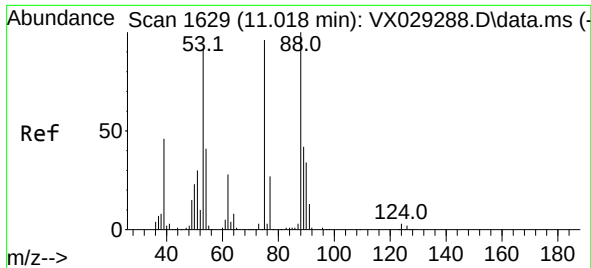
#76
 1,2,3-Trichloropropane
 Concen: 34.581 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX029341.D
 Acq: 09 Jun 2022 11:27



Tgt Ion: 75 Resp: 167995

Ion	Ratio	Lower	Upper
75	100		
77	1.3	19.4	58.2#

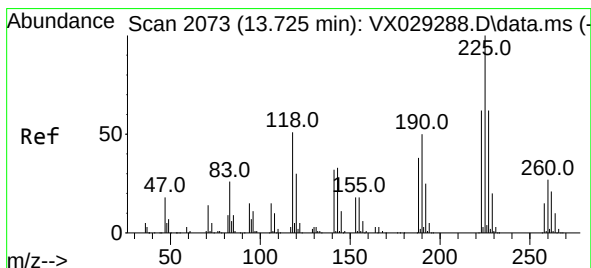
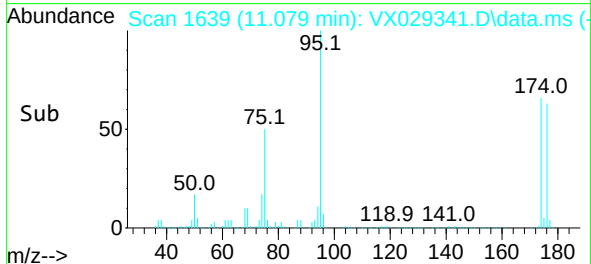
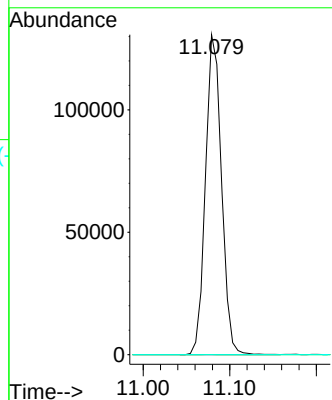
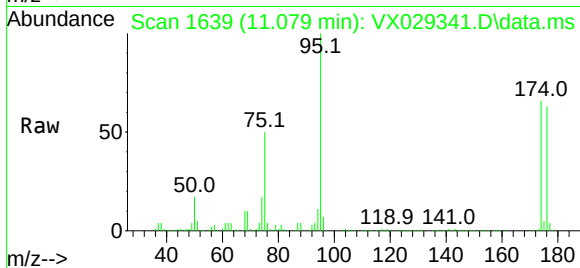




#81
trans-1,4-Dichloro-2-butene
Concen: 105.010 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029341.D
Acq: 09 Jun 2022 11:27

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 167995
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



#94
Hexachlorobutadiene
Concen: 0.478 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX029341.D
Acq: 09 Jun 2022 11:27

Tgt Ion: 225 Resp: 854
Ion Ratio Lower Upper
225 100
223 64.5 34.2 102.5
227 59.4 33.9 101.7

