

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070622\
 Data File : VX029942.D
 Acq On : 06 Jul 2022 14:30
 Operator : JC/MD
 Sample : N3599-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 07 02:36:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 05:54:51 2022
 Response via : Initial Calibration

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

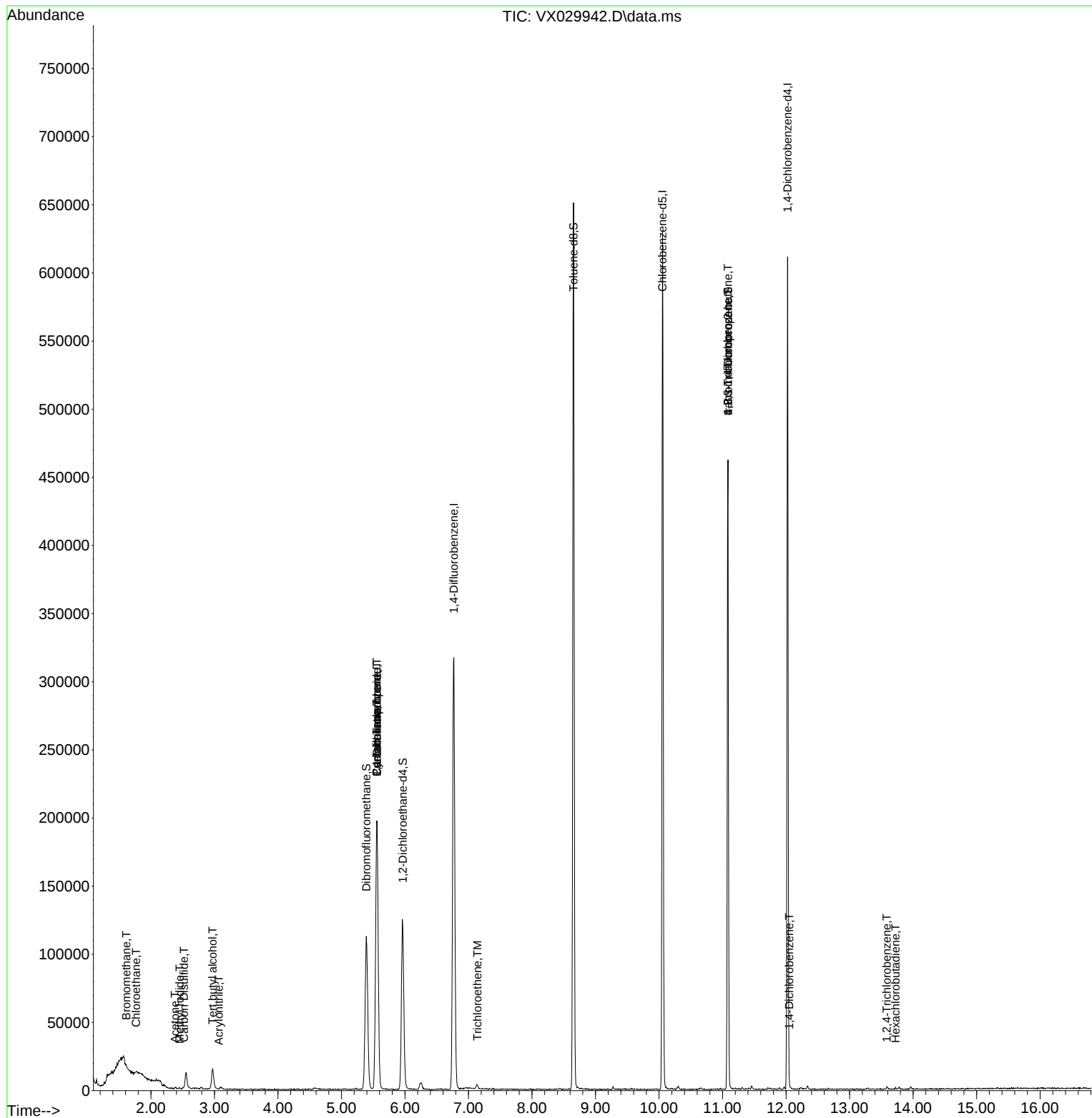
Internal Standards						
1) Pentafluorobenzene	5.556	168	197340	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	344878	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	300041	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	124567	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	107961	43.219	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.440%
35) Dibromofluoromethane	5.391	113	100216	46.497	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.000%
50) Toluene-d8	8.653	98	385944	47.732	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.460%
62) 4-Bromofluorobenzene	11.085	95	126358	44.210	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.420%
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	439	0.361	ug/l	85
6) Chloroethane	1.764	64	1991	2.241	ug/l #	60
10) Methyl Iodide	2.453	142	691	2.118	ug/l #	81
11) Tert butyl alcohol	2.971	59	18644	28.539	ug/l	99
13) Acrolein	2.227	56	132	Below Cal	#	1
15) Acrylonitrile	3.068	53	307	0.201	ug/l #	36
16) Acetone	2.380	43	1202	0.984	ug/l #	86
17) Carbon Disulfide	2.520	76	2737	0.542	ug/l #	74
31) Cyclohexane	5.556	56	3994	1.147	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	14696	5.127	ug/l #	48
38) Carbon Tetrachloride	5.556	117	18512	7.453	ug/l #	17
44) Trichloroethene	7.141	130	1045	0.419	ug/l	94
76) 1,2,3-Trichloropropane	11.085	75	58803	19.720	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	58803	62.625	ug/l #	13
88) 1,4-Dichlorobenzene	12.049	146	872	0.205	ug/l #	24
93) 1,2,4-Trichlorobenzene	13.585	180	543	0.219	ug/l	80
94) Hexachlorobutadiene	13.725	225	224	0.244	ug/l	90

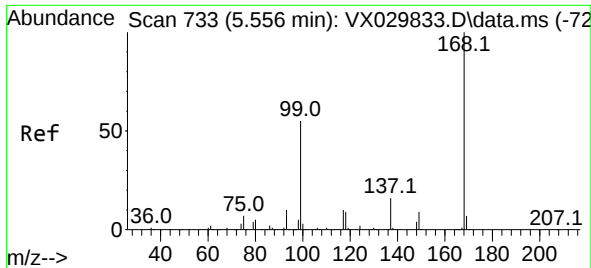
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070622\
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MSVOA_X
ClientSampleId :

Quant Time: Jul 07 02:36:16 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 29 05:54:51 2022
Response via : Initial Calibration

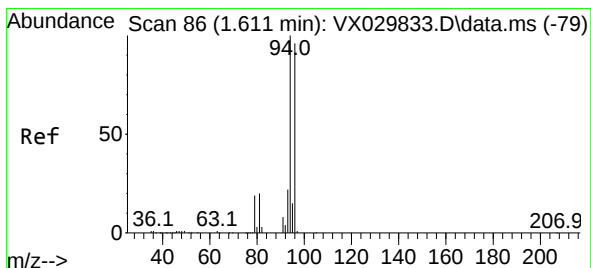
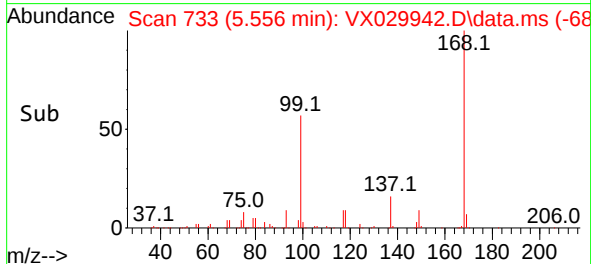
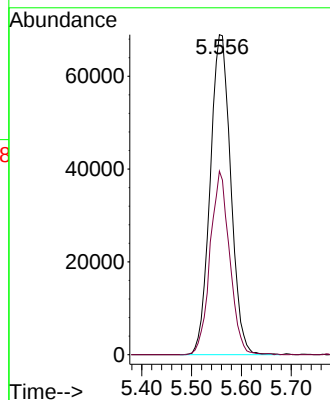
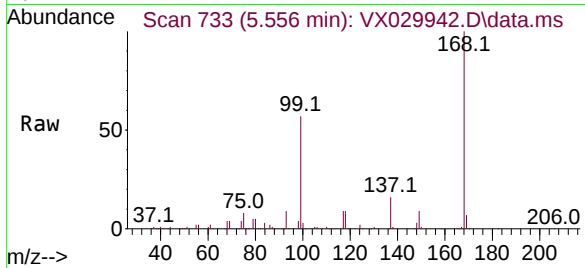




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029942.D
Acq: 06 Jul 2022 14:30

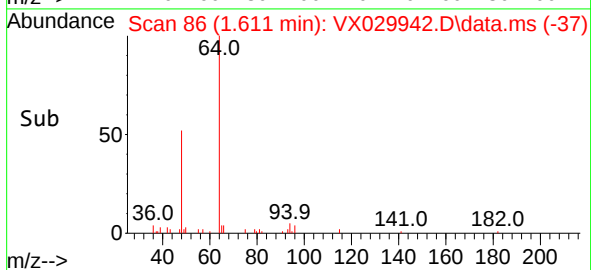
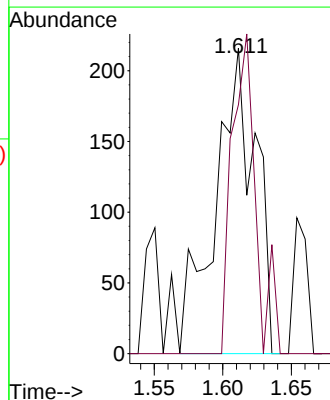
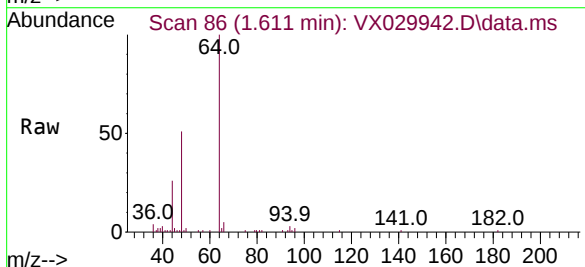
Instrument :
MSVOA_X
ClientSampleId :

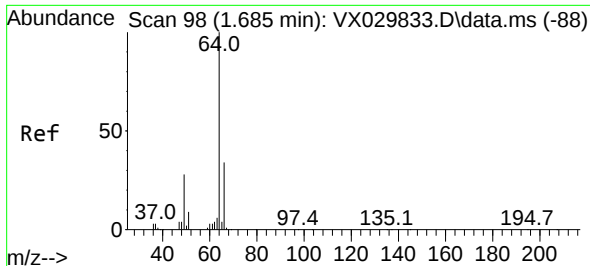
Tgt Ion:168 Resp: 197340
Ion Ratio Lower Upper
168 100
99 57.3 44.0 66.0



#5
Bromomethane
Concen: 0.361 ug/l
RT: 1.611 min Scan# 86
Delta R.T. -0.000 min
Lab File: VX029942.D
Acq: 06 Jul 2022 14:30

Tgt Ion: 94 Resp: 439
Ion Ratio Lower Upper
94 100
96 81.5 76.9 115.3

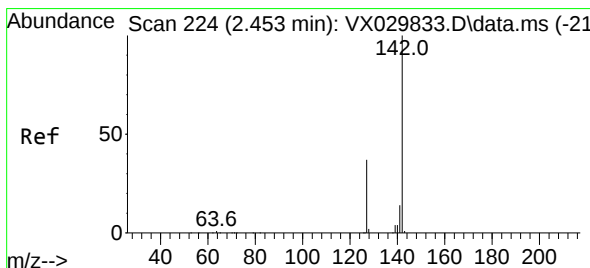
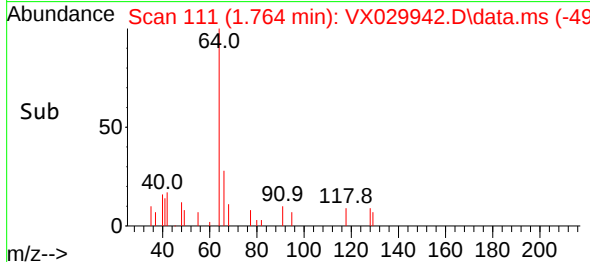
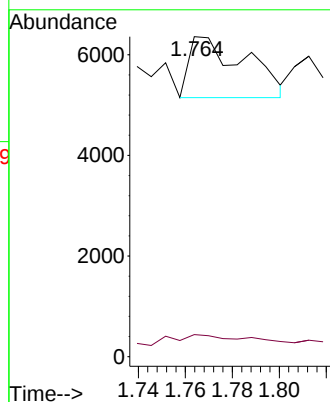
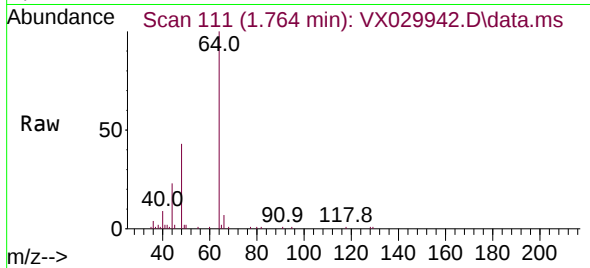




#6
Chloroethane
Concen: 2.241 ug/l
RT: 1.764 min Scan# 111
Delta R.T. 0.079 min
Lab File: VX029942.D
Acq: 06 Jul 2022 14:30

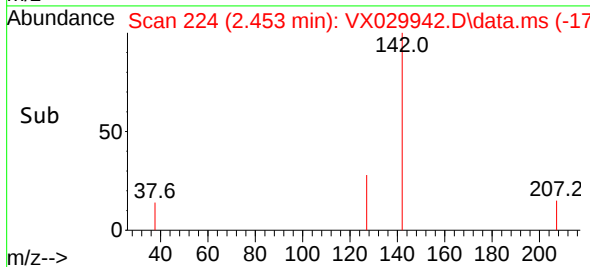
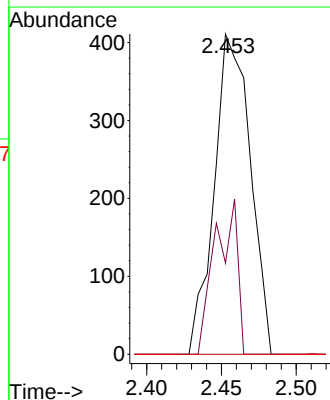
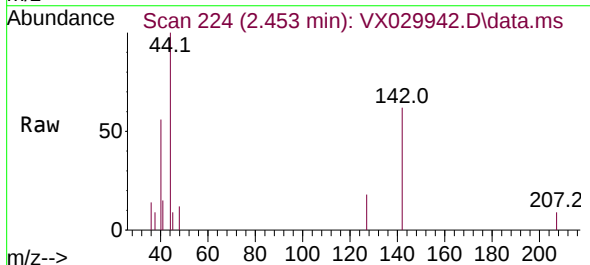
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 64 Resp: 1991
Ion Ratio Lower Upper
64 100
66 11.2 27.2 40.8#



#10
Methyl Iodide
Concen: 2.118 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX029942.D
Acq: 06 Jul 2022 14:30

Tgt Ion: 142 Resp: 691
Ion Ratio Lower Upper
142 100
127 30.1 30.2 45.2#
141 0.0 11.3 16.9#





#11

Tert butyl alcohol

Concen: 28.539 ug/l

RT: 2.971 min Scan# 309

Delta R.T. -0.024 min

Lab File: VX029942.D

Acq: 06 Jul 2022 14:30

Instrument :

MSVOA_X

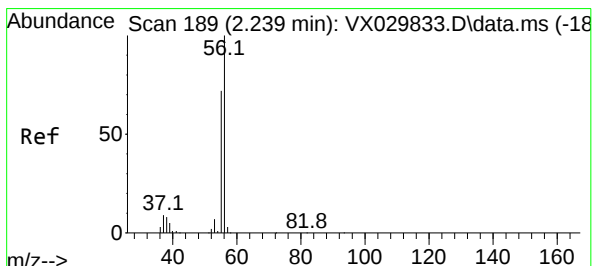
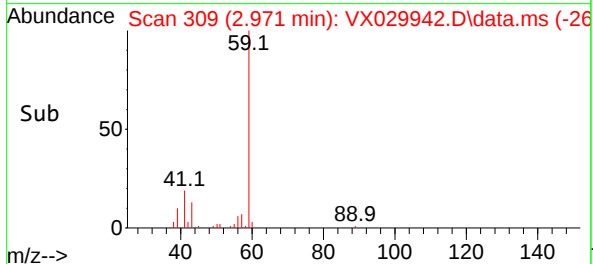
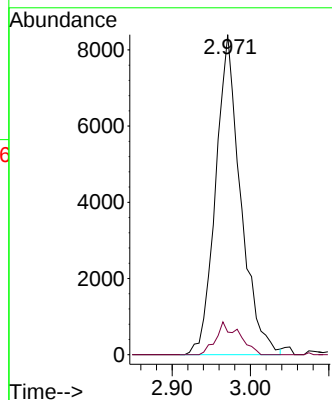
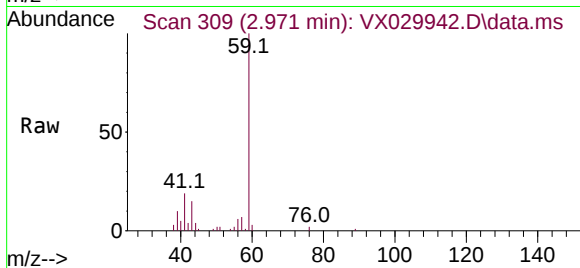
ClientSampleId :

Tgt Ion: 59 Resp: 18644

Ion Ratio Lower Upper

59 100

57 9.5 7.4 11.2



#13

Acrolein

Concen: Below Cal

RT: 2.227 min Scan# 187

Delta R.T. -0.012 min

Lab File: VX029942.D

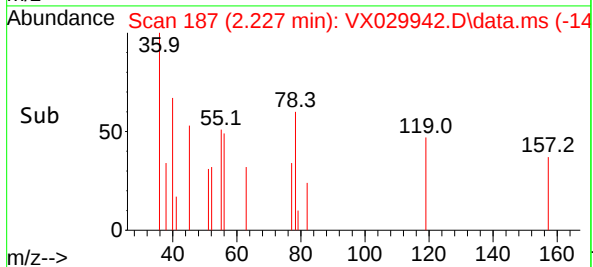
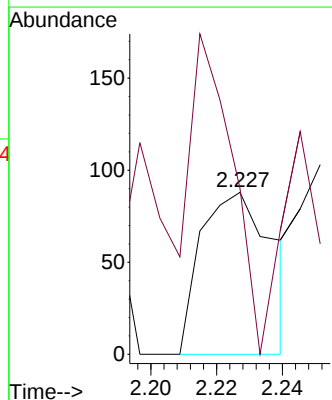
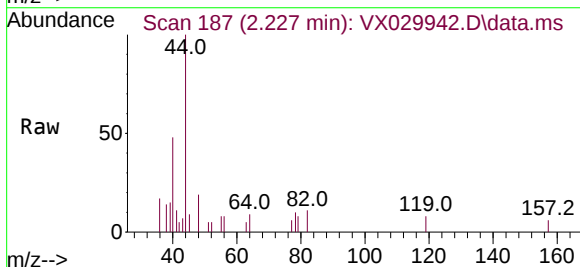
Acq: 06 Jul 2022 14:30

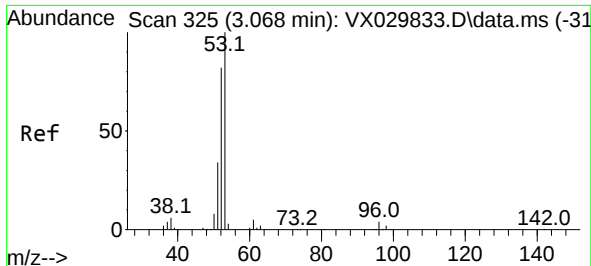
Tgt Ion: 56 Resp: 132

Ion Ratio Lower Upper

56 100

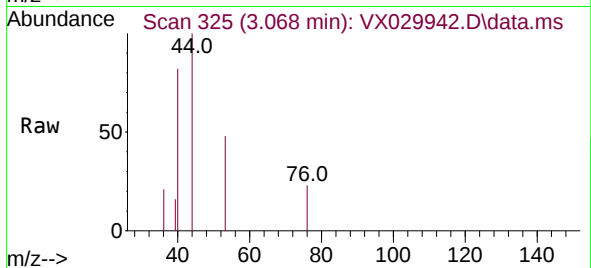
55 193.9 56.6 84.8#



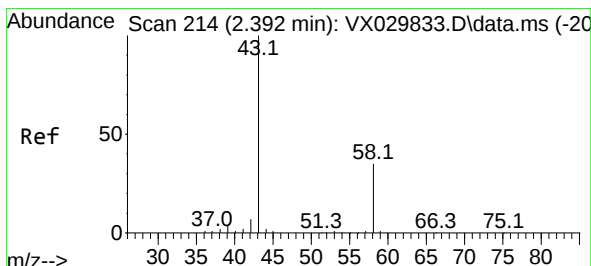
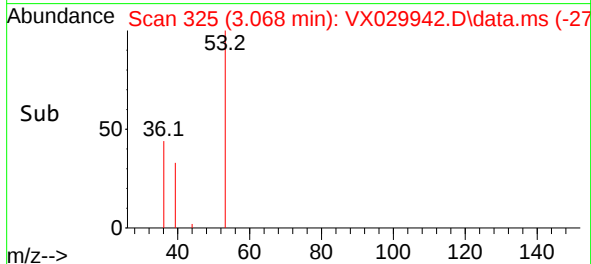
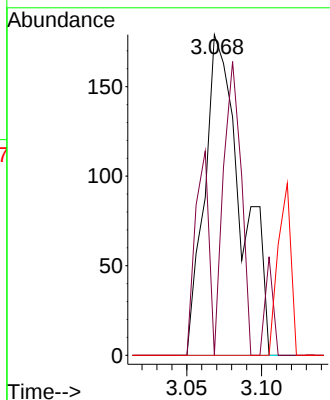


#15
Acrylonitrile
Concen: 0.201 ug/l
RT: 3.068 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX029942.D
Acq: 06 Jul 2022 14:30

Instrument :
MSVOA_X
ClientSampleId :

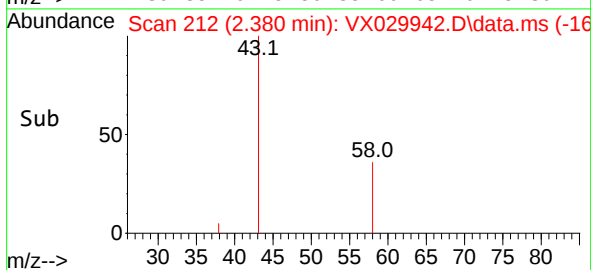
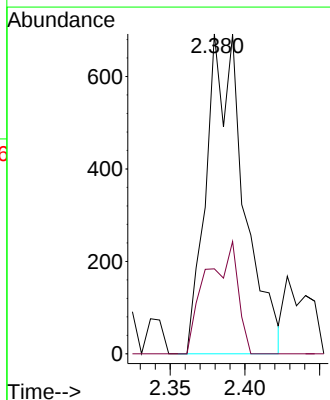
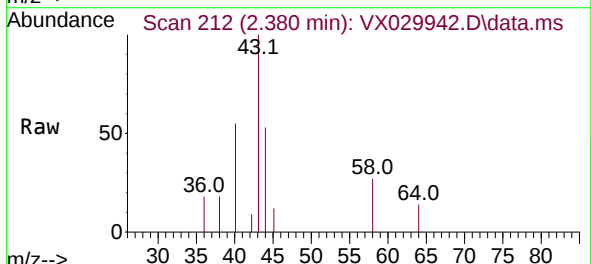


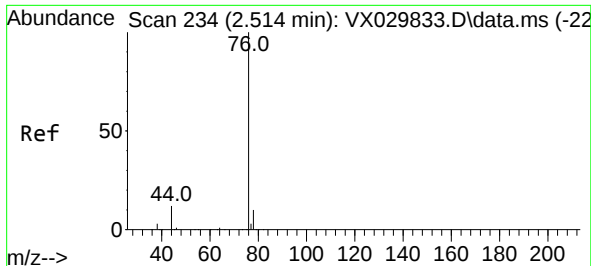
Tgt Ion: 53 Resp: 307
Ion Ratio Lower Upper
53 100
52 23.5 65.4 98.0#
51 0.0 27.7 41.5#



#16
Acetone
Concen: 0.984 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX029942.D
Acq: 06 Jul 2022 14:30

Tgt Ion: 43 Resp: 1202
Ion Ratio Lower Upper
43 100
58 26.6 27.7 41.5#





#17

Carbon Disulfide

Concen: 0.542 ug/l

RT: 2.520 min Scan# 21

Delta R.T. 0.006 min

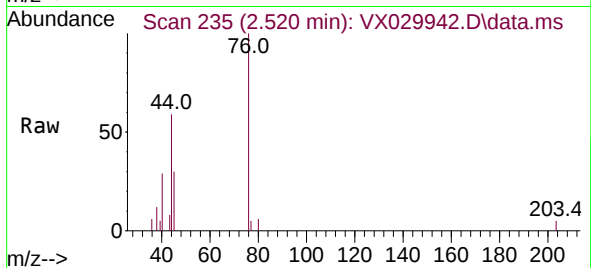
Lab File: VX029942.D

Acq: 06 Jul 2022 14:30

Instrument :

MSVOA_X

ClientSampleId :

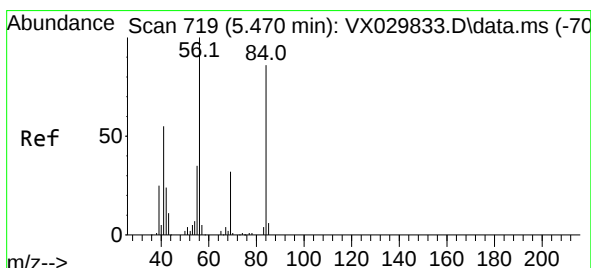
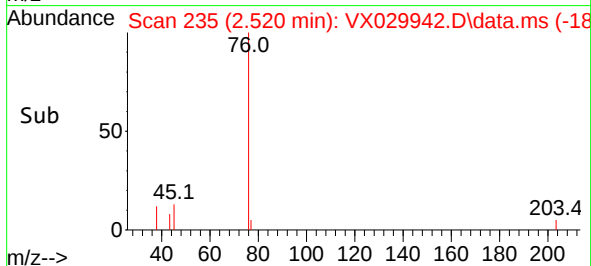
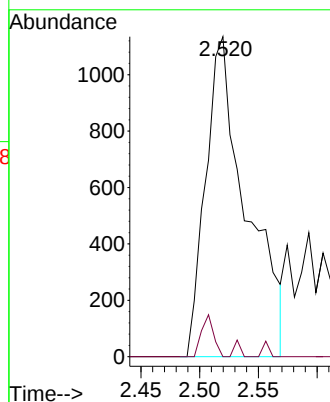


Tgt Ion: 76 Resp: 2737

Ion Ratio Lower Upper

76 100

78 0.0 7.8 11.6#



#31

Cyclohexane

Concen: 1.147 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.085 min

Lab File: VX029942.D

Acq: 06 Jul 2022 14:30

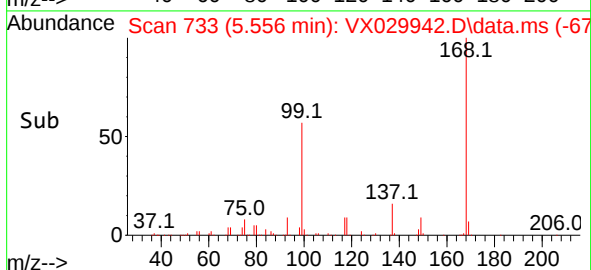
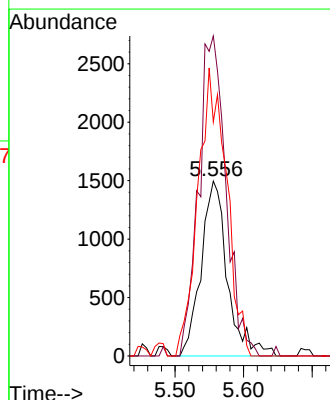
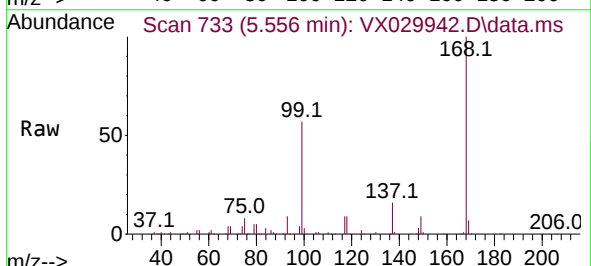
Tgt Ion: 56 Resp: 3994

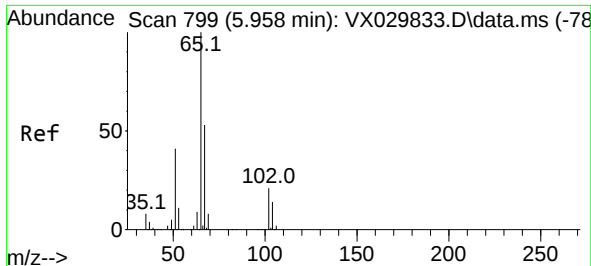
Ion Ratio Lower Upper

56 100

69 182.9 25.4 38.0#

84 133.8 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 43.219 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX029942.D

Acq: 06 Jul 2022 14:30

Instrument :

MSVOA_X

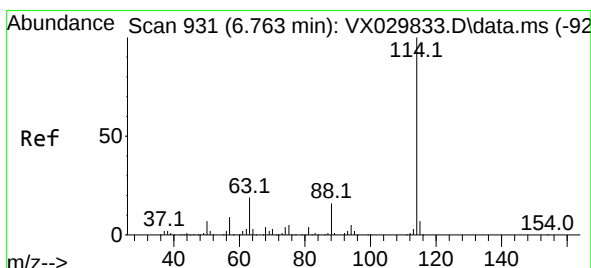
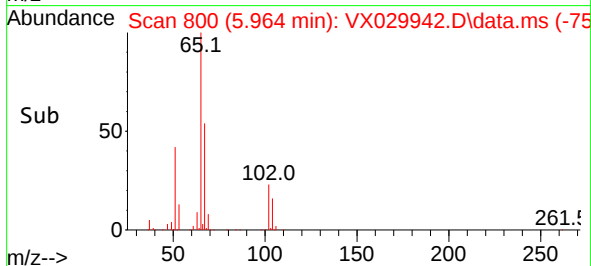
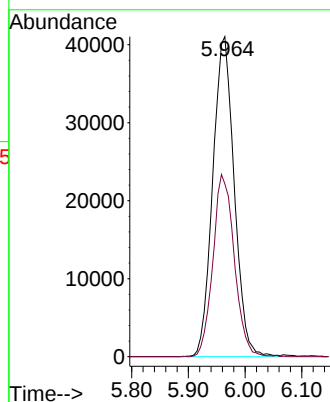
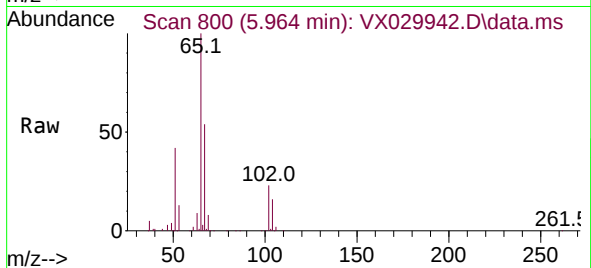
ClientSampleId :

Tgt Ion: 65 Resp: 107961

Ion Ratio Lower Upper

65 100

67 56.7 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX029942.D

Acq: 06 Jul 2022 14:30

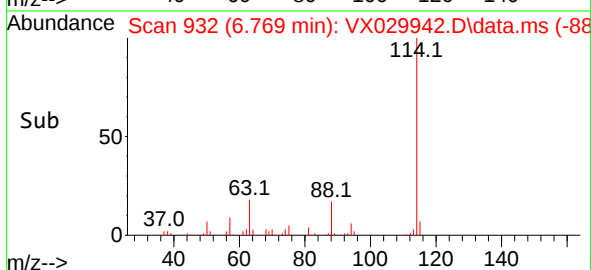
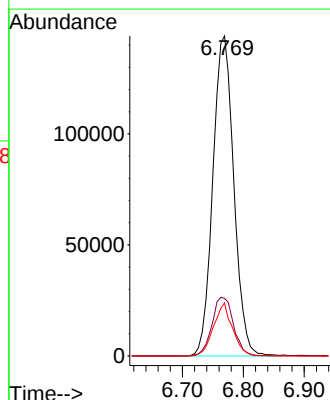
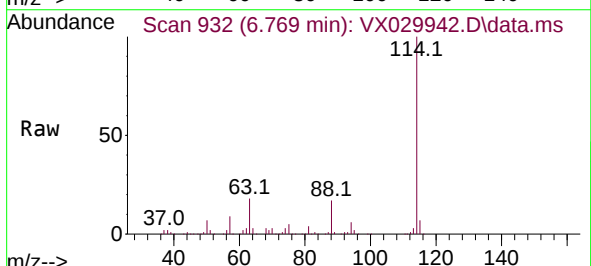
Tgt Ion: 114 Resp: 344878

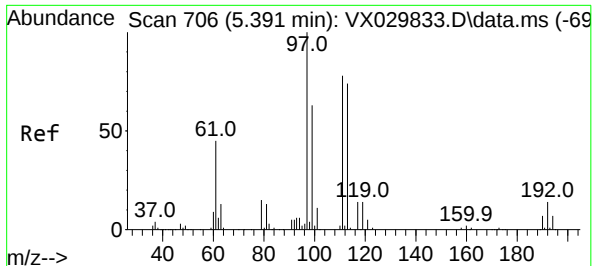
Ion Ratio Lower Upper

114 100

63 17.9 0.0 38.4

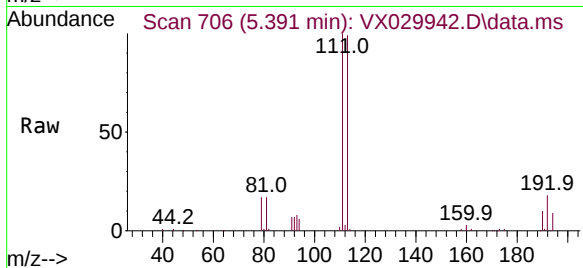
88 16.5 0.0 31.8



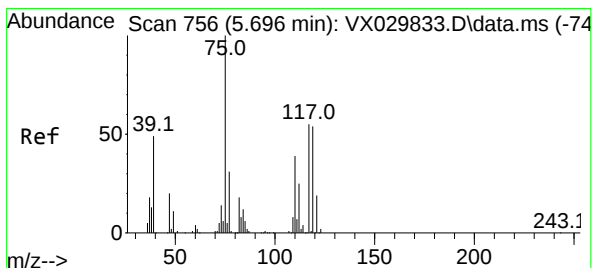
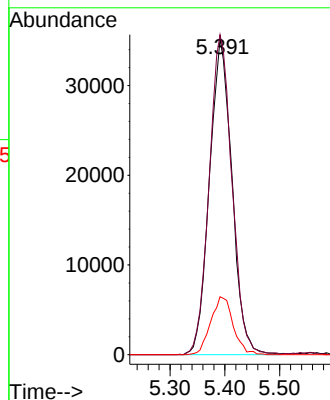
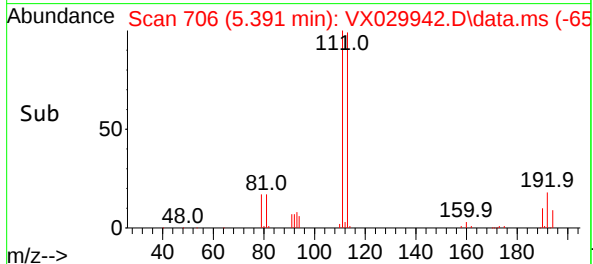


#35
Dibromofluoromethane
Concen: 46.497 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX029942.D
Acq: 06 Jul 2022 14:30

Instrument :
MSVOA_X
ClientSampleId :

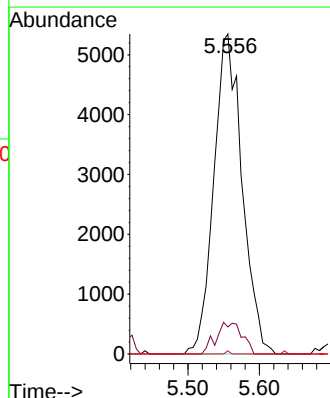
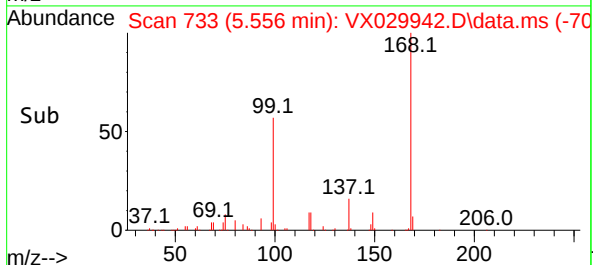
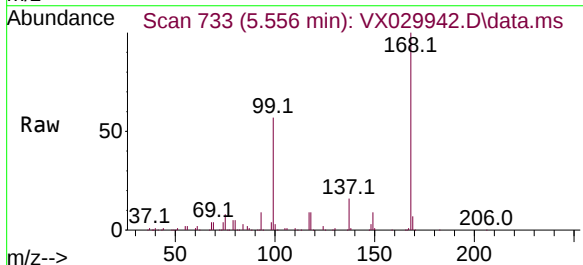


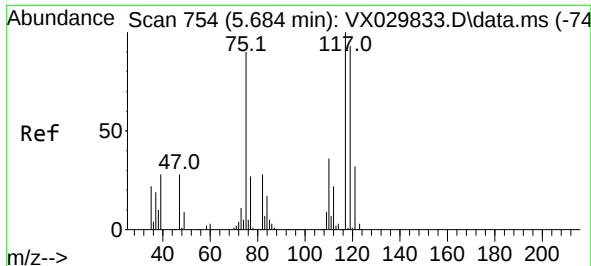
Tgt Ion:113 Resp: 100216
Ion Ratio Lower Upper
113 100
111 102.9 83.2 124.8
192 18.4 14.8 22.2



#36
1,1-Dichloropropene
Concen: 5.127 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX029942.D
Acq: 06 Jul 2022 14:30

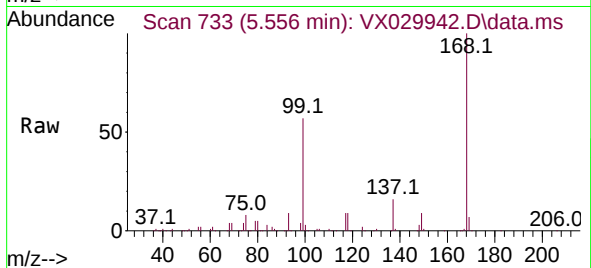
Tgt Ion: 75 Resp: 14696
Ion Ratio Lower Upper
75 100
110 9.0 19.3 57.9#
77 0.1 24.4 36.6#



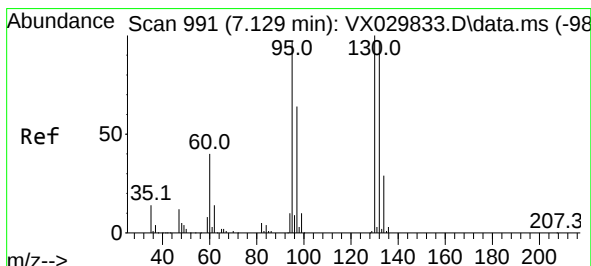
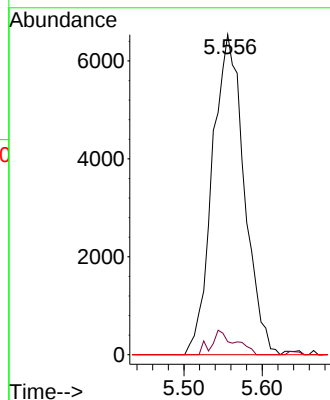
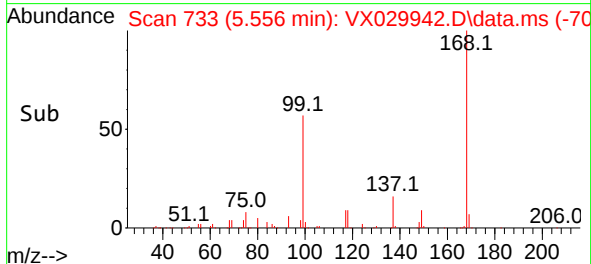


#38
Carbon Tetrachloride
Concen: 7.453 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX029942.D
Acq: 06 Jul 2022 14:30

Instrument :
MSVOA_X
ClientSampleId :

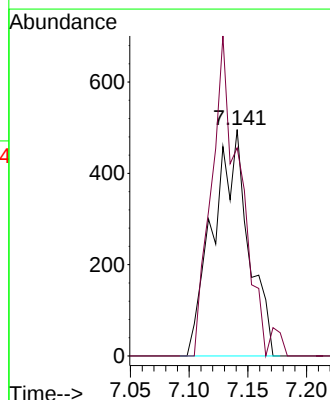
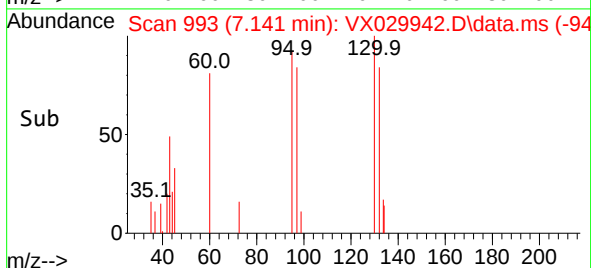
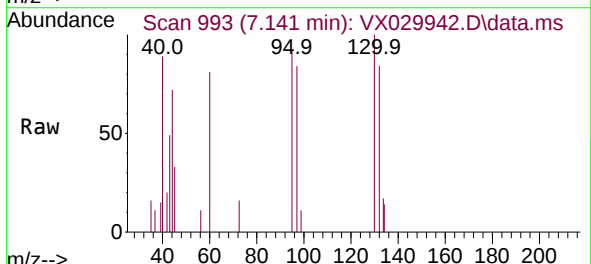


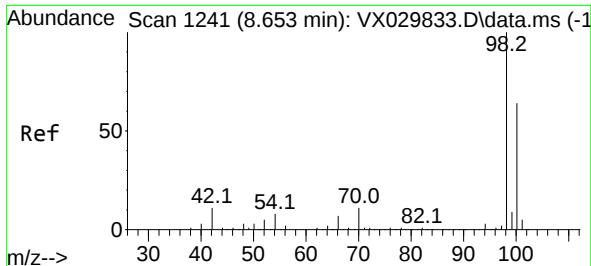
Tgt Ion:117 Resp: 18512
Ion Ratio Lower Upper
117 100
119 4.1 74.1 111.1#
121 0.0 25.8 38.8#



#44
Trichloroethene
Concen: 0.419 ug/l
RT: 7.141 min Scan# 993
Delta R.T. 0.012 min
Lab File: VX029942.D
Acq: 06 Jul 2022 14:30

Tgt Ion:130 Resp: 1045
Ion Ratio Lower Upper
130 100
95 91.9 0.0 194.8

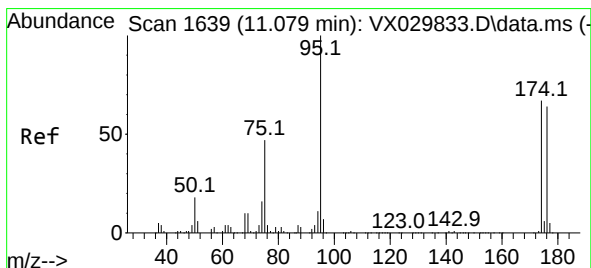
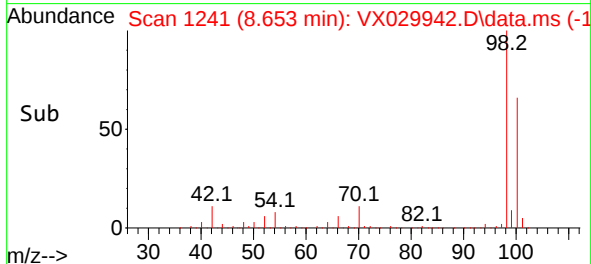
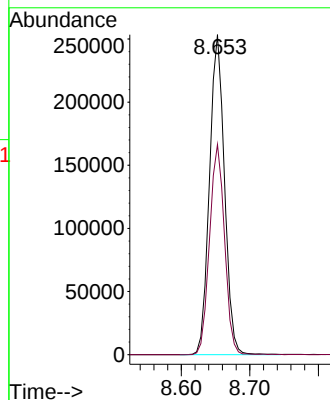
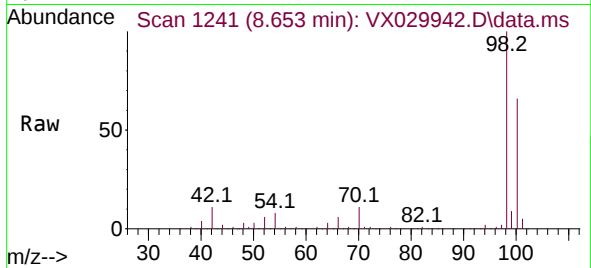




#50
Toluene-d8
Concen: 47.732 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029942.D
Acq: 06 Jul 2022 14:30

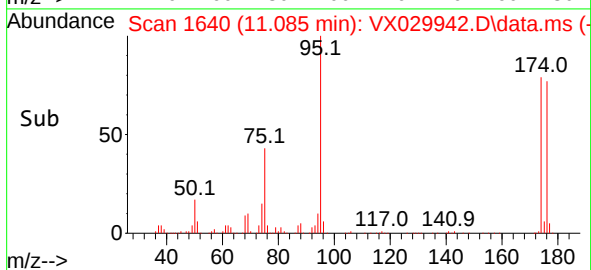
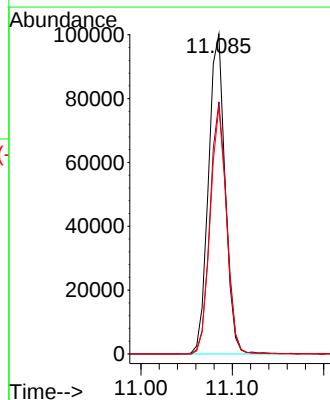
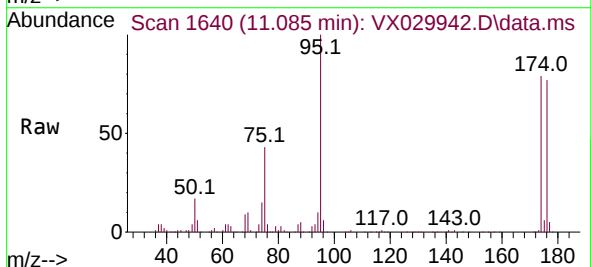
Instrument :
MSVOA_X
ClientSampleId :

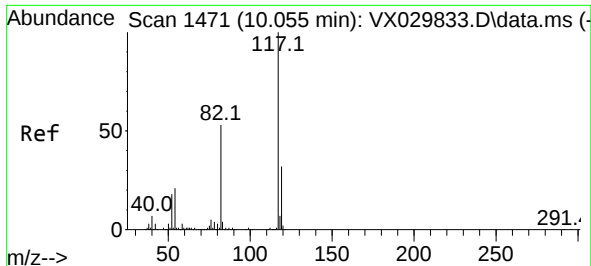
Tgt Ion: 98 Resp: 385944
Ion Ratio Lower Upper
98 100
100 65.6 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 44.210 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX029942.D
Acq: 06 Jul 2022 14:30

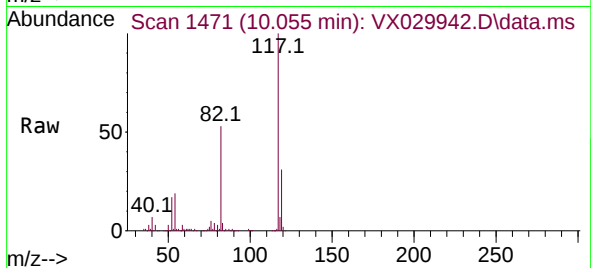
Tgt Ion: 95 Resp: 126358
Ion Ratio Lower Upper
95 100
174 78.8 0.0 149.0
176 75.7 0.0 146.0



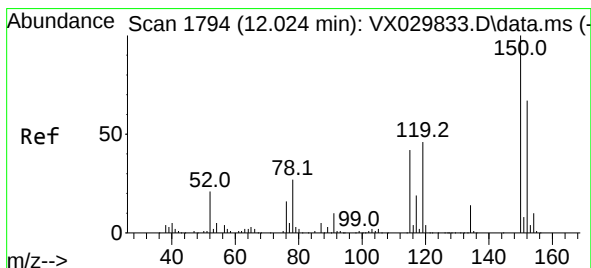
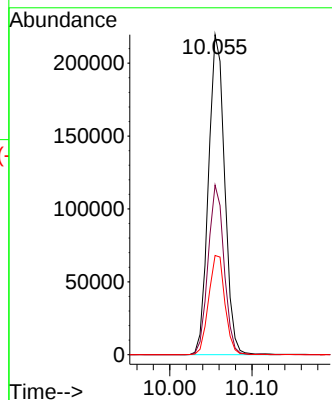
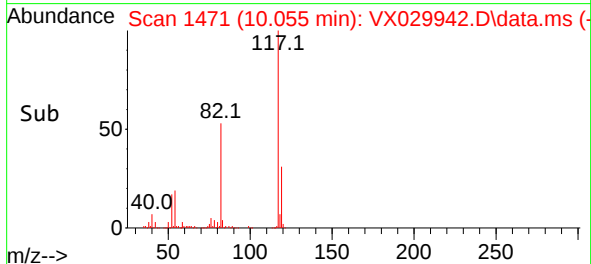


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029942.D
Acq: 06 Jul 2022 14:30

Instrument :
MSVOA_X
ClientSampleId :

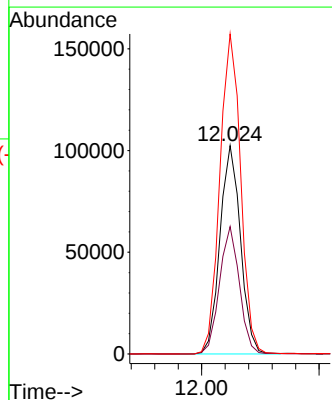
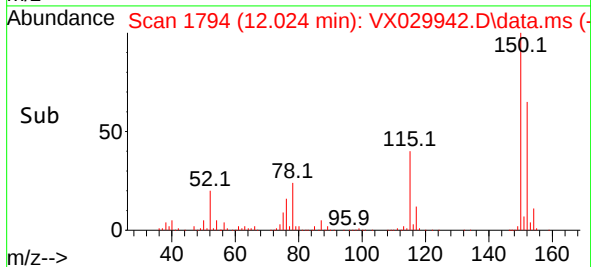
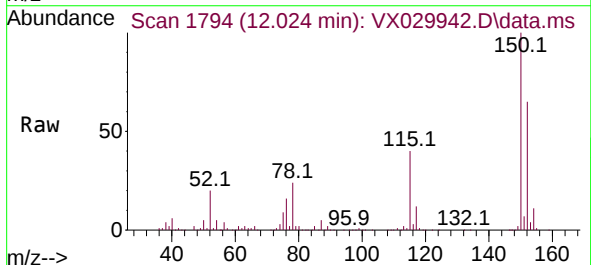


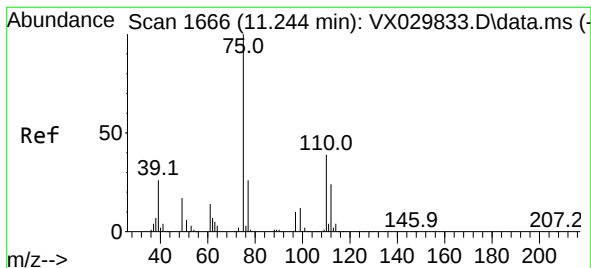
Tgt Ion:117 Resp: 300041
Ion Ratio Lower Upper
117 100
82 53.0 42.7 64.1
119 31.0 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX029942.D
Acq: 06 Jul 2022 14:30

Tgt Ion:152 Resp: 124567
Ion Ratio Lower Upper
152 100
115 59.3 40.5 121.5
150 155.4 0.0 347.0

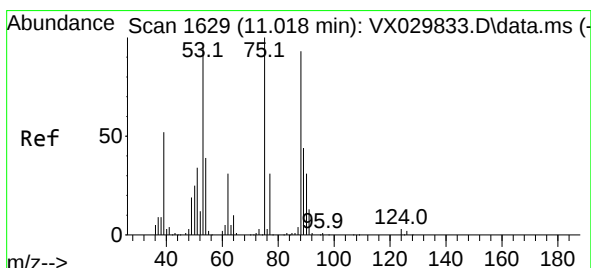
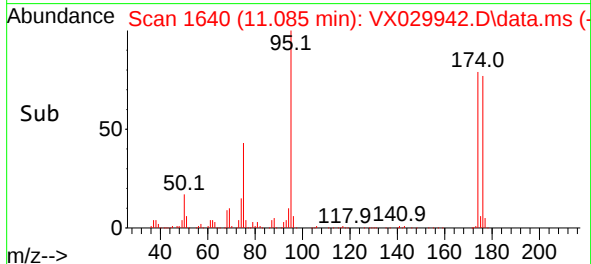
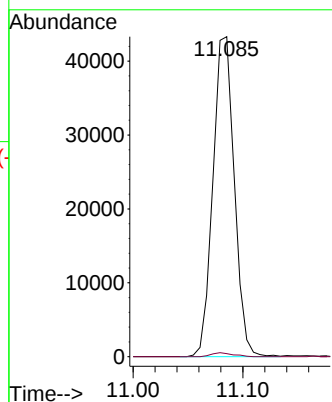
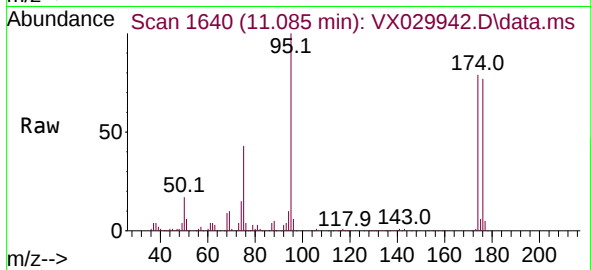




#76
1,2,3-Trichloropropane
Concen: 19.720 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX029942.D
Acq: 06 Jul 2022 14:30

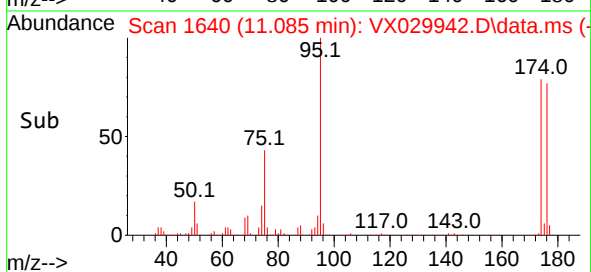
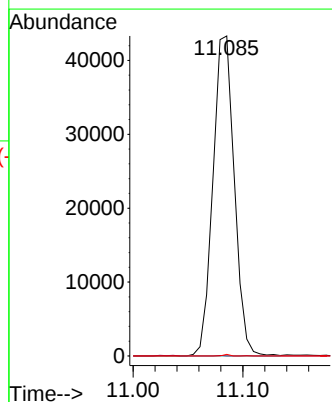
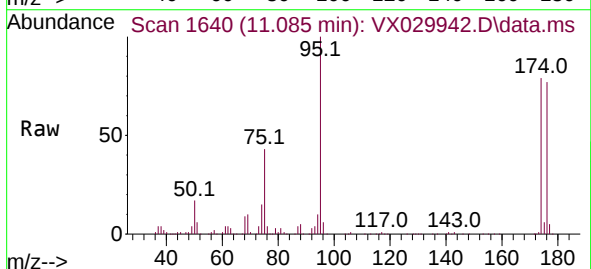
Instrument :
MSVOA_X
ClientSampleId :

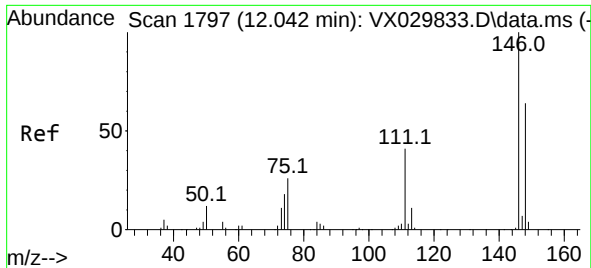
Tgt Ion: 75 Resp: 58803
Ion Ratio Lower Upper
75 100
77 1.2 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.625 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX029942.D
Acq: 06 Jul 2022 14:30

Tgt Ion: 75 Resp: 58803
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.1 34.8 52.2#

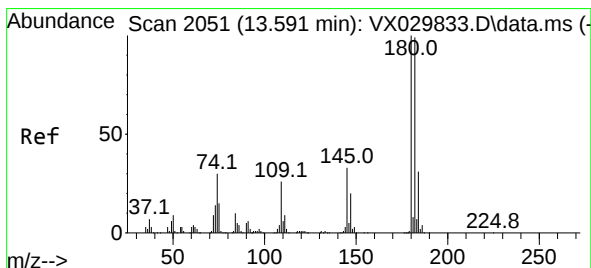
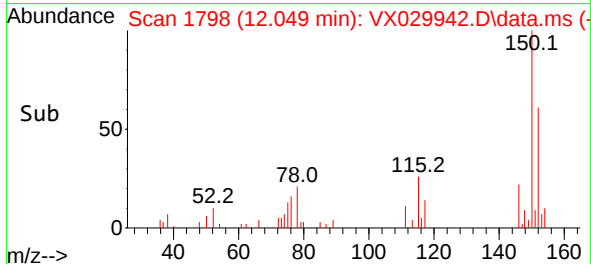
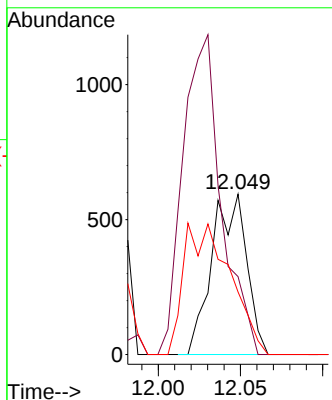
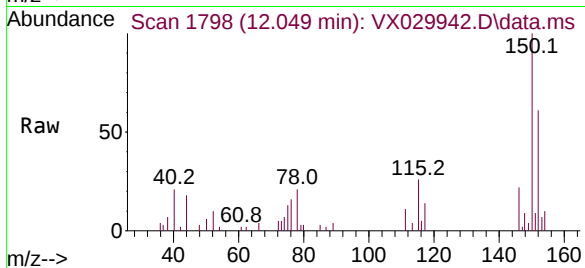




#88
1,4-Dichlorobenzene
Concen: 0.205 ug/l
RT: 12.049 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX029942.D
Acq: 06 Jul 2022 14:30

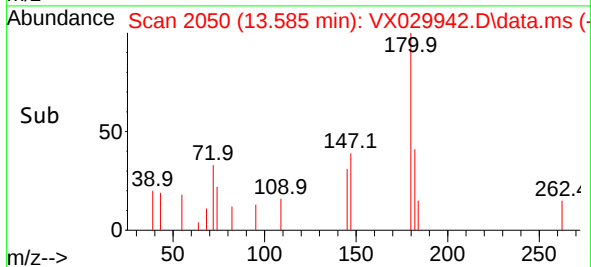
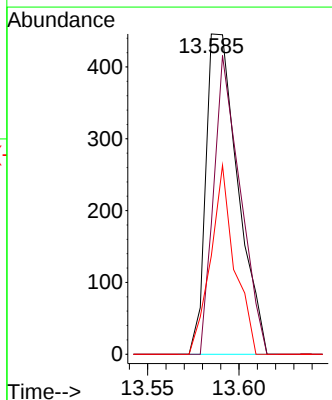
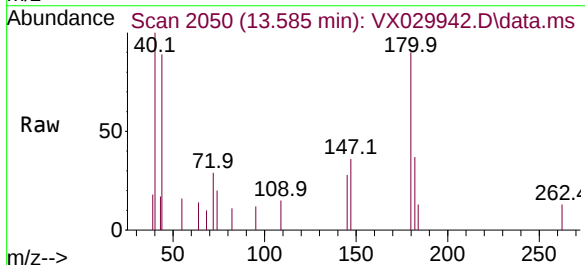
Instrument :
MSVOA_X
ClientSampleId :

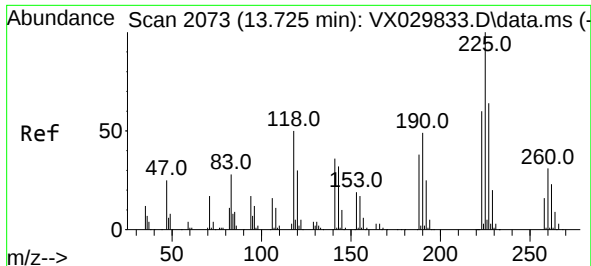
Tgt Ion:146 Resp: 872
Ion Ratio Lower Upper
146 100
111 0.0 20.3 60.9#
148 0.0 32.3 96.8#



#93
1,2,4-Trichlorobenzene
Concen: 0.219 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.006 min
Lab File: VX029942.D
Acq: 06 Jul 2022 14:30

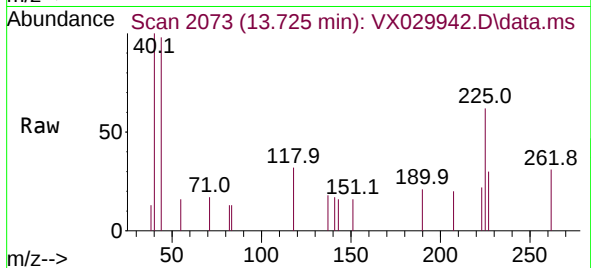
Tgt Ion:180 Resp: 543
Ion Ratio Lower Upper
180 100
182 77.5 48.2 144.6
145 44.2 15.9 47.6





#94
 Hexachlorobutadiene
 Concen: 0.244 ug/l
 RT: 13.725 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VX029942.D
 Acq: 06 Jul 2022 14:30

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	225	Resp:	224
Ion	Ratio	Lower	Upper
225	100		
223	58.9	30.6	91.6
227	50.4	31.9	95.9

