

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071822\
 Data File : VX030099.D
 Acq On : 18 Jul 2022 10:30
 Operator : JC/MD
 Sample : VX0718MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0718MBL01

Quant Time: Jul 19 05:39:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 13 09:05:23 2022
 Response via : Initial Calibration

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

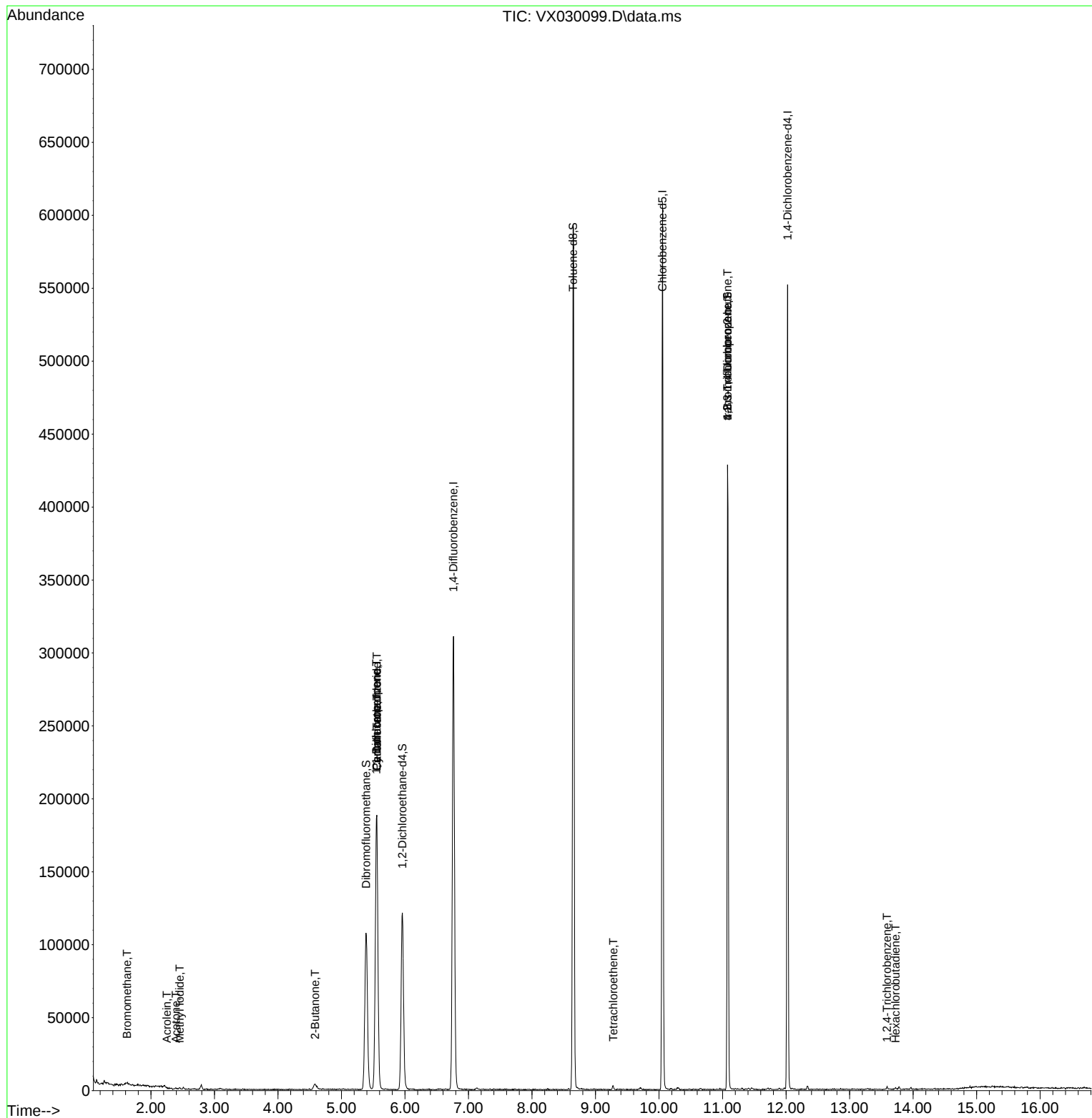
Internal Standards						
1) Pentafluorobenzene	5.556	168	180637	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	319451	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	272106	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	111881	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	111027	50.497	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.000%
35) Dibromofluoromethane	5.385	113	95558	46.824	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.640%
50) Toluene-d8	8.647	98	367340	47.860	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.720%
62) 4-Bromofluorobenzene	11.079	95	114248	42.893	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.780%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	190	Below Cal	#	42
5) Bromomethane	1.624	94	399	0.449	ug/l #	75
10) Methyl Iodide	2.453	142	636	2.742	ug/l #	93
13) Acrolein	2.252	56	102	0.903	ug/l #	65
16) Acetone	2.392	43	826	0.797	ug/l	96
17) Carbon Disulfide	2.508	76	1434	Below Cal	#	95
20) Methylene Chloride	2.788	84	1158	Below Cal	#	83
25) 2-Butanone	4.587	43	672	0.381	ug/l #	48
31) Cyclohexane	5.556	56	4005	1.257	ug/l #	12
36) 1,1-Dichloropropene	5.550	75	14483	5.494	ug/l #	49
38) Carbon Tetrachloride	5.556	117	18242	7.421	ug/l #	19
64) Tetrachloroethene	9.281	164	540	0.247	ug/l #	66
76) 1,2,3-Trichloropropane	11.079	75	57959	22.531	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	57959	65.025	ug/l #	12
93) 1,2,4-Trichlorobenzene	13.591	180	515	0.229	ug/l	90
94) Hexachlorobutadiene	13.725	225	228	0.254	ug/l	86

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

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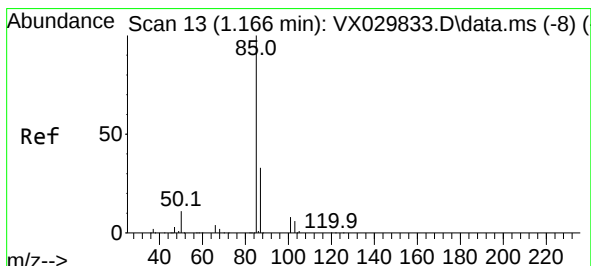
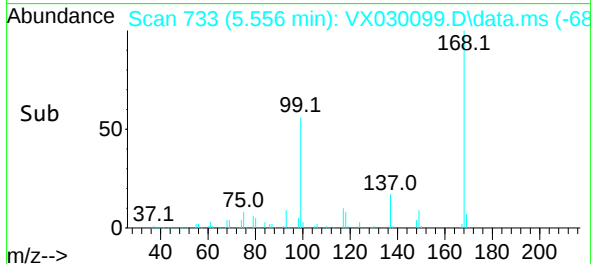
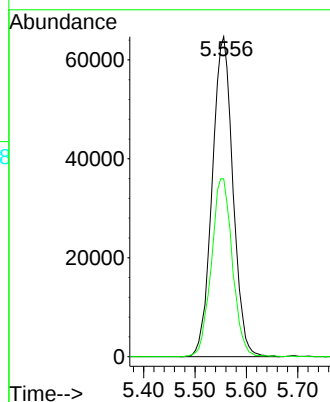
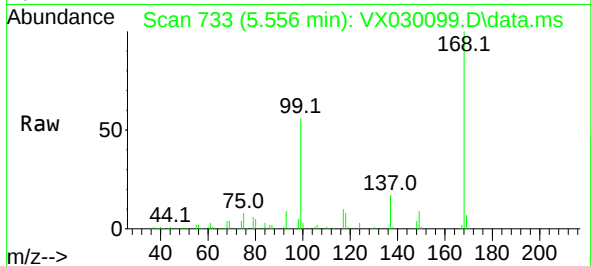




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030099.D
Acq: 18 Jul 2022 10:30

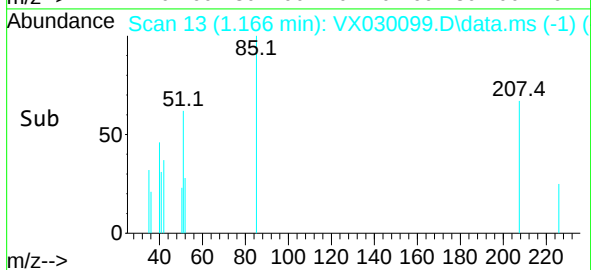
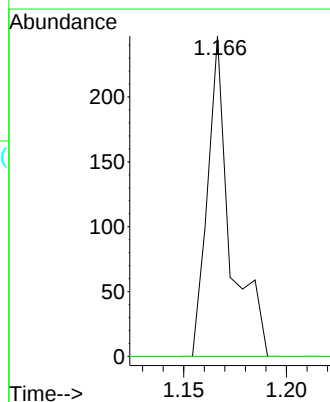
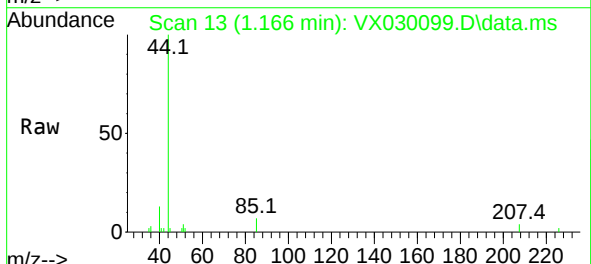
Instrument :
MSVOA_X
ClientSampleId :
VX0718MBL01

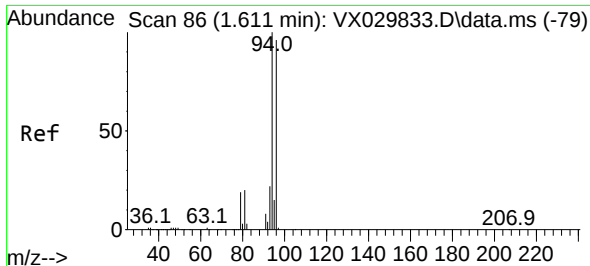
Tgt Ion:168 Resp: 180637
Ion Ratio Lower Upper
168 100
99 55.6 44.0 66.0



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX030099.D
Acq: 18 Jul 2022 10:30

Tgt Ion: 85 Resp: 190
Ion Ratio Lower Upper
85 100
87 0.0 16.5 49.5#

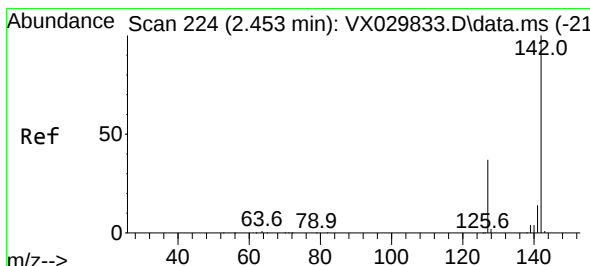
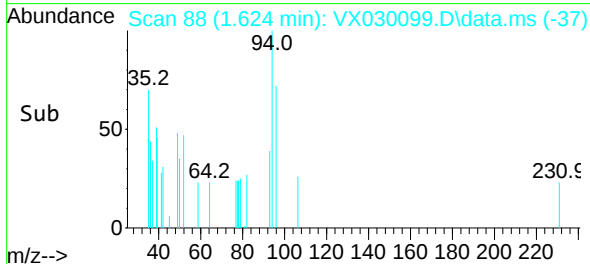
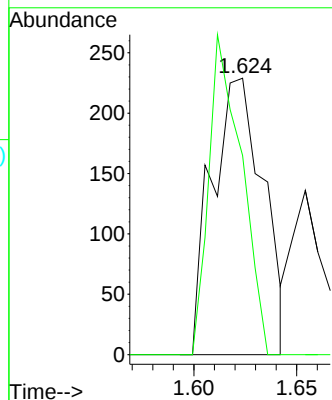
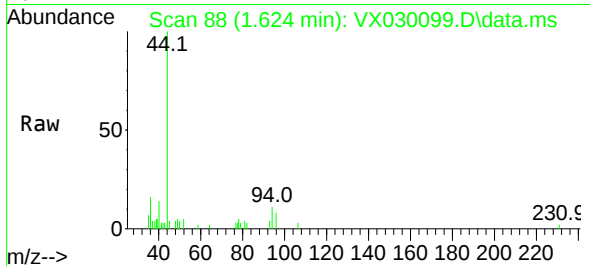




#5
Bromomethane
Concen: 0.449 ug/l
RT: 1.624 min Scan# 86
Delta R.T. 0.013 min
Lab File: VX030099.D
Acq: 18 Jul 2022 10:30

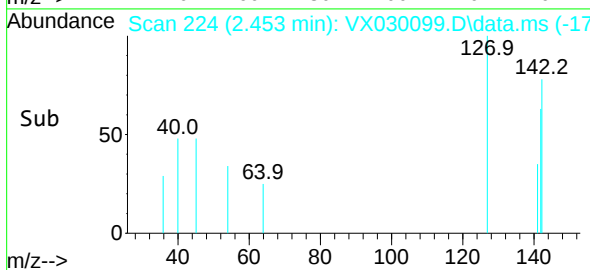
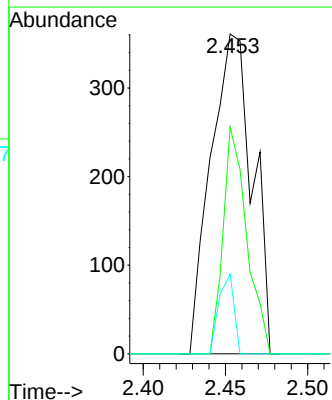
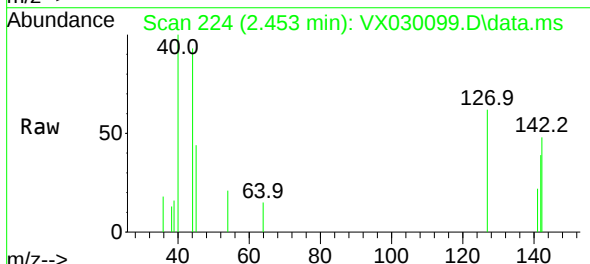
Instrument :
MSVOA_X
ClientSampleId :
VX0718MBL01

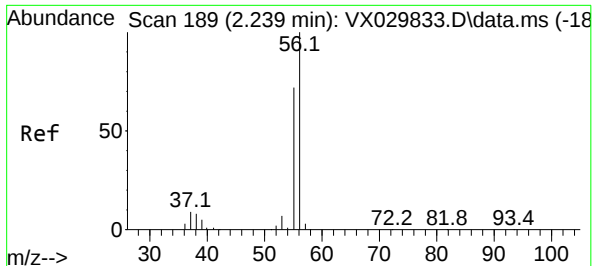
Tgt Ion: 94 Resp: 399
Ion Ratio Lower Upper
94 100
96 72.1 76.9 115.3#



#10
Methyl Iodide
Concen: 2.742 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX030099.D
Acq: 18 Jul 2022 10:30

Tgt Ion: 142 Resp: 636
Ion Ratio Lower Upper
142 100
127 40.3 30.2 45.2
141 9.0 11.3 16.9#





#13

Acrolein

Concen: 0.903 ug/l

RT: 2.252 min Scan# 191

Delta R.T. 0.013 min

Lab File: VX030099.D

Acq: 18 Jul 2022 10:30

Instrument :

MSVOA_X

ClientSampleId :

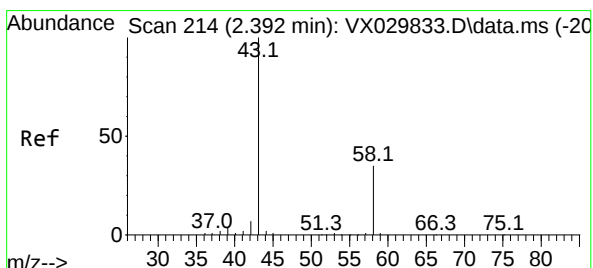
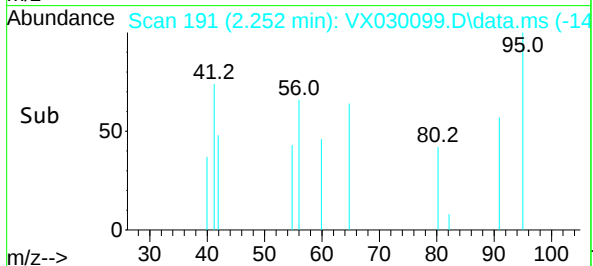
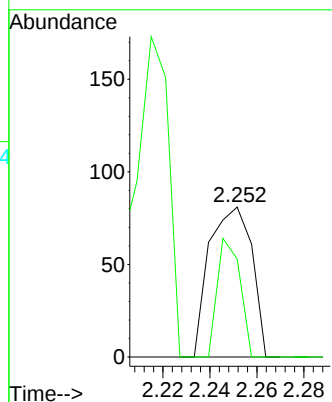
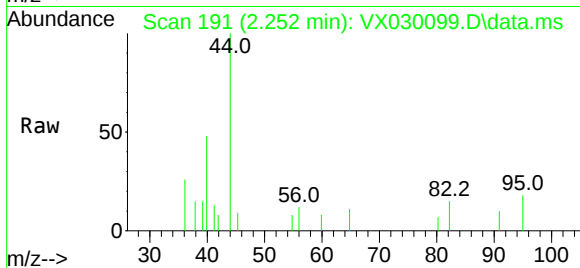
VX0718MBL01

Tgt Ion: 56 Resp: 102

Ion Ratio Lower Upper

56 100

55 42.2 56.6 84.8#



#16

Acetone

Concen: 0.797 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX030099.D

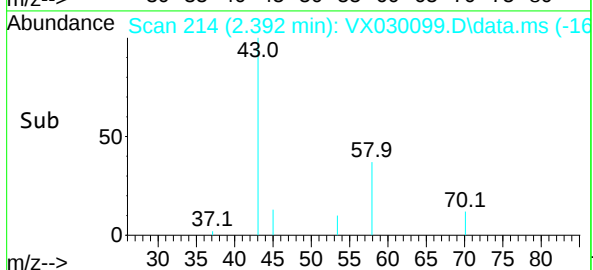
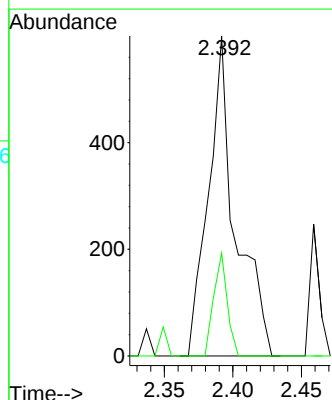
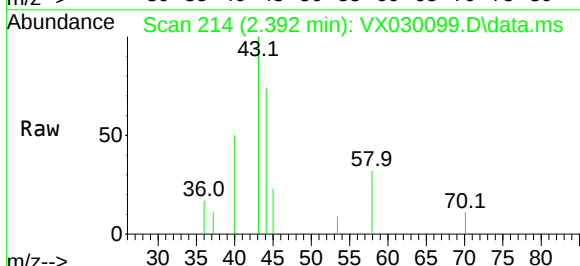
Acq: 18 Jul 2022 10:30

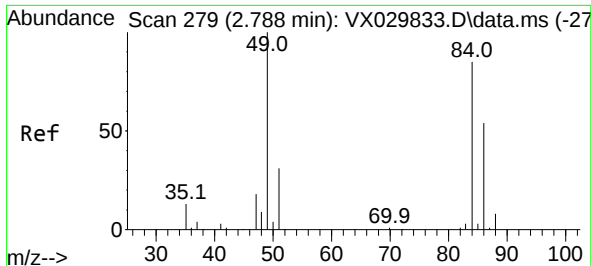
Tgt Ion: 43 Resp: 826

Ion Ratio Lower Upper

43 100

58 32.2 27.7 41.5

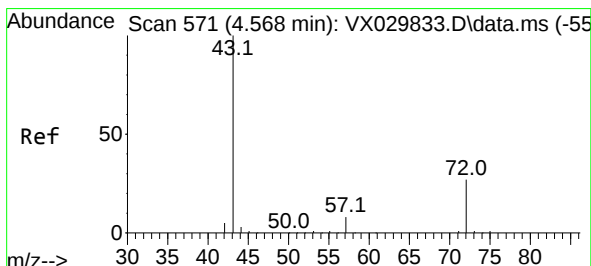
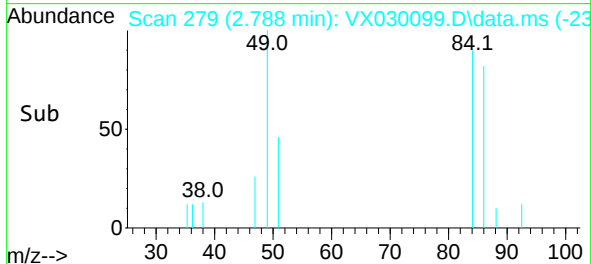
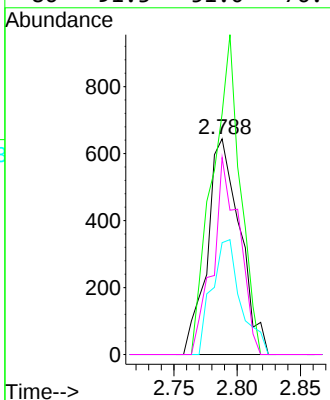
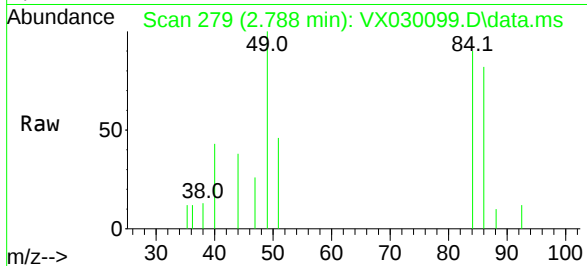




#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX030099.D
Acq: 18 Jul 2022 10:30

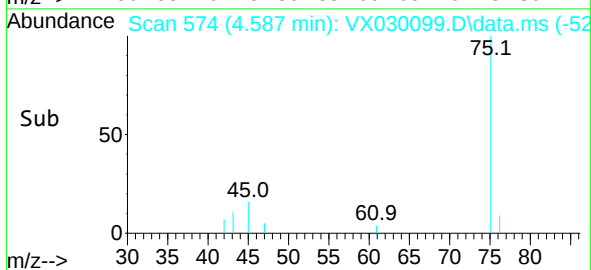
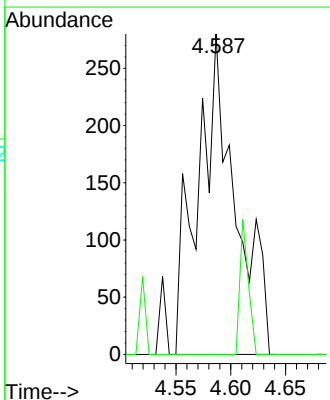
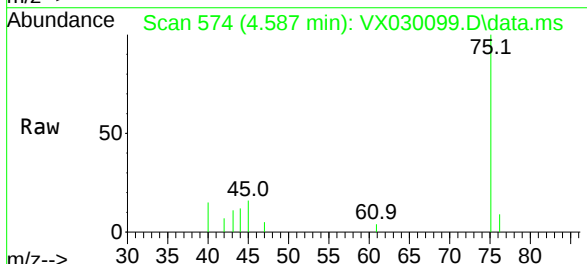
Instrument :
MSVOA_X
ClientSampleId :
VX0718MBL01

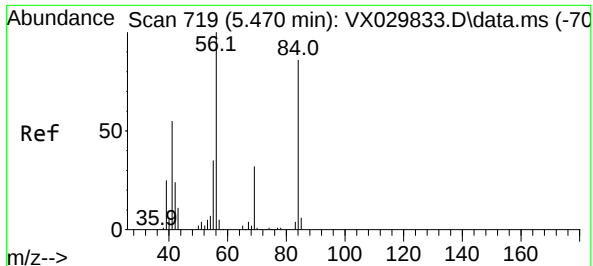
Tgt Ion: 84	Resp: 1158
Ion Ratio	Lower Upper
84 100	
49 111.6	93.8 140.6
51 51.9	29.4 44.0#
86 91.3	51.0 76.4#



#25
2-Butanone
Concen: 0.381 ug/l
RT: 4.587 min Scan# 574
Delta R.T. 0.019 min
Lab File: VX030099.D
Acq: 18 Jul 2022 10:30

Tgt Ion: 43	Resp: 672		
Ion Ratio	Lower	Upper	
43 100			
72 0.0	21.7	32.5#	

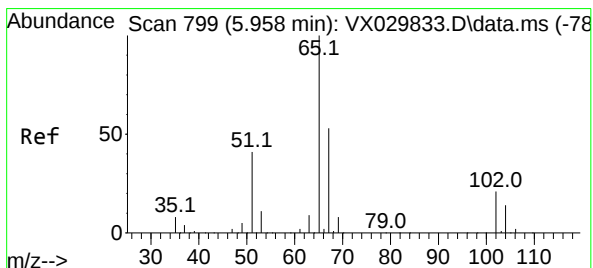
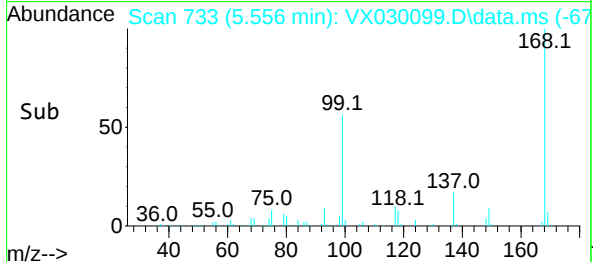
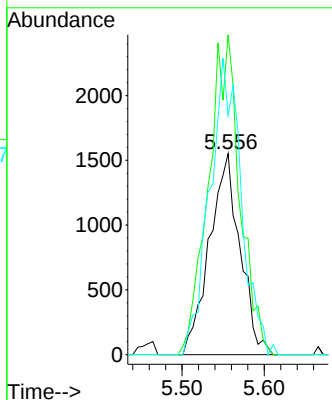
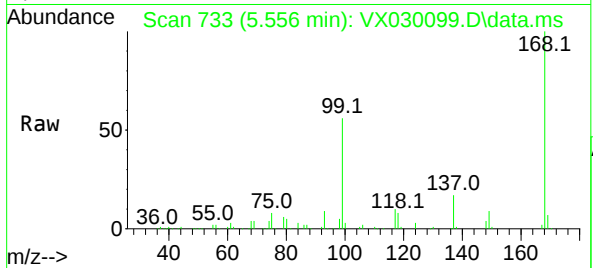




#31
Cyclohexane
Concen: 1.257 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX030099.D
Acq: 18 Jul 2022 10:30

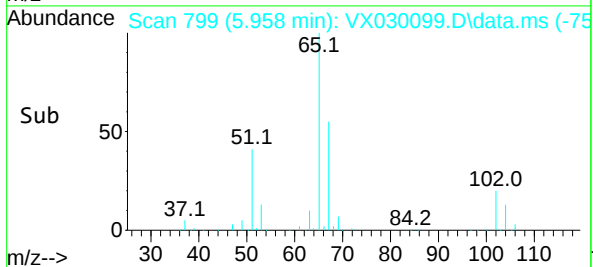
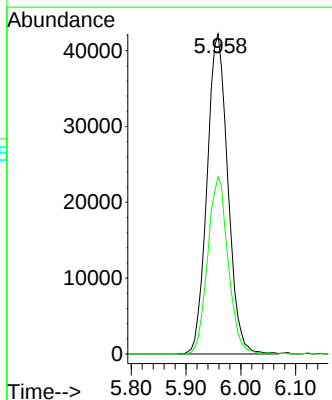
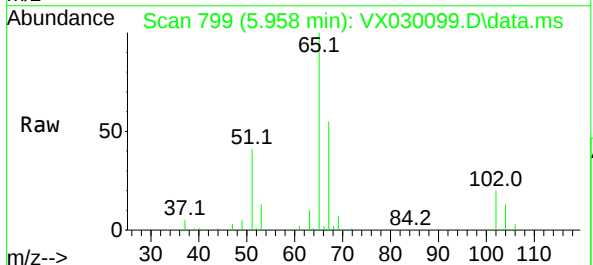
Instrument :
MSVOA_X
ClientSampleId :
VX0718MBL01

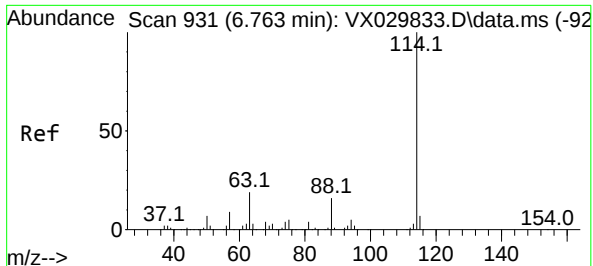
Tgt Ion: 56 Resp: 4005
Ion Ratio Lower Upper
56 100
69 159.0 25.4 38.0#
84 118.9 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 50.497 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX030099.D
Acq: 18 Jul 2022 10:30

Tgt Ion: 65 Resp: 111027
Ion Ratio Lower Upper
65 100
67 54.2 0.0 109.6

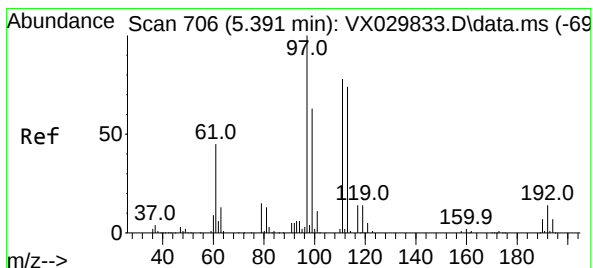
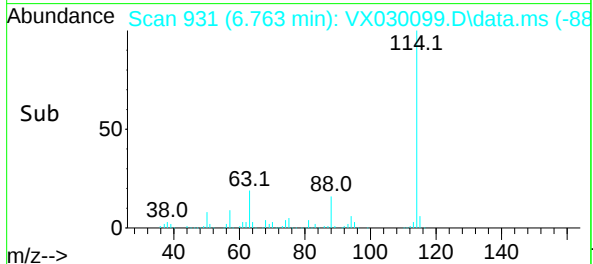
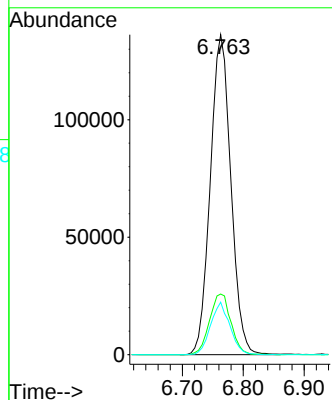
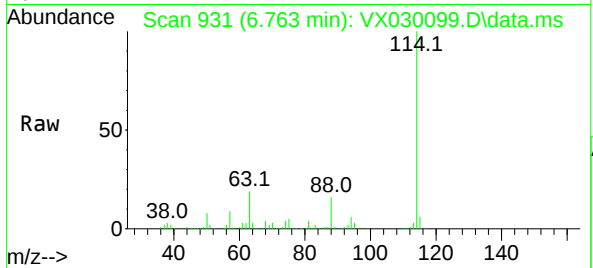




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX030099.D
Acq: 18 Jul 2022 10:30

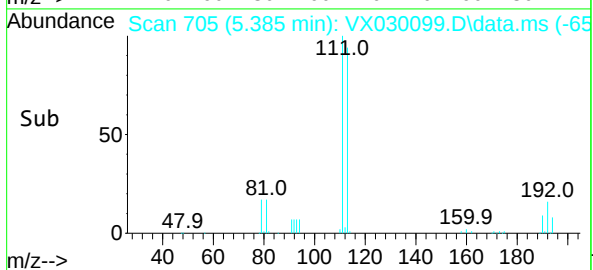
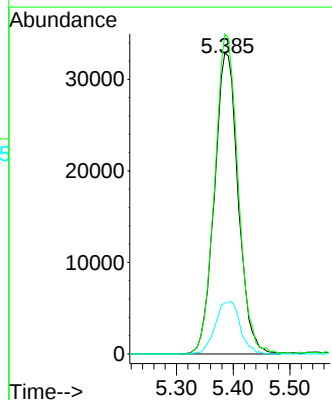
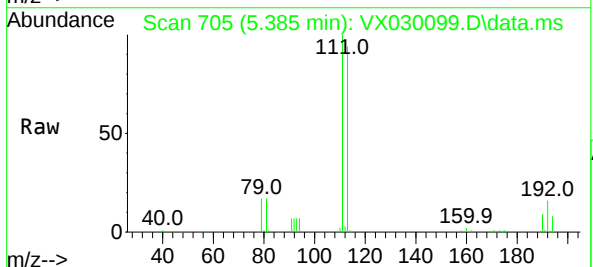
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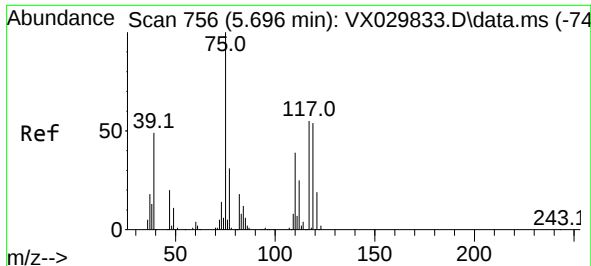
Tgt Ion:114 Resp: 319451
Ion Ratio Lower Upper
114 100
63 18.9 0.0 38.4
88 16.4 0.0 31.8



#35
Dibromofluoromethane
Concen: 46.824 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX030099.D
Acq: 18 Jul 2022 10:30

Tgt Ion:113 Resp: 95558
Ion Ratio Lower Upper
113 100
111 105.3 83.2 124.8
192 18.3 14.8 22.2

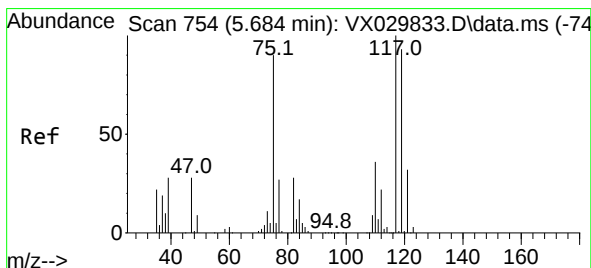
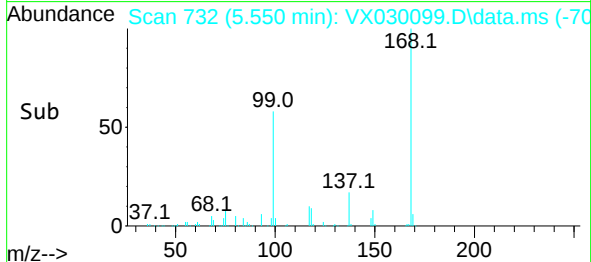
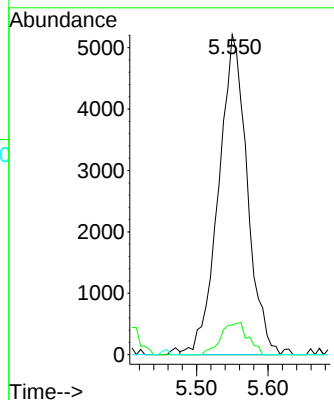
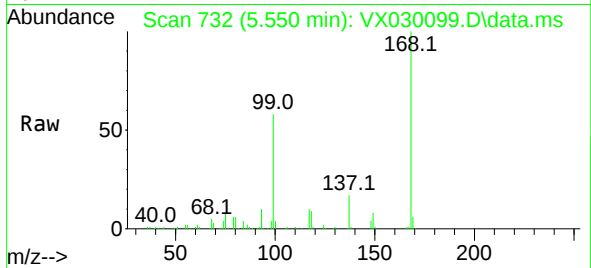




#36
1,1-Dichloropropene
Concen: 5.494 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX030099.D
Acq: 18 Jul 2022 10:30

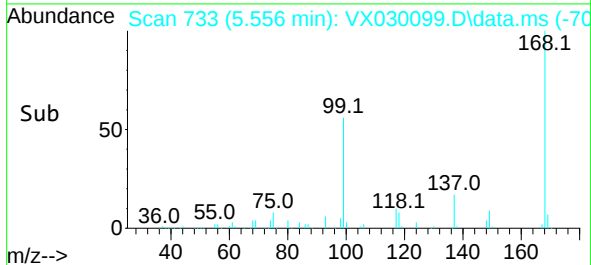
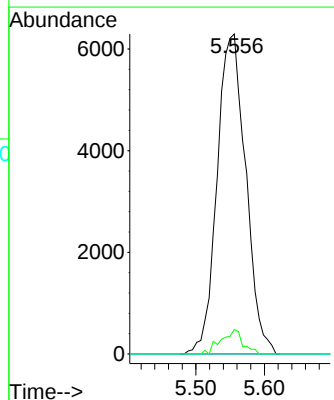
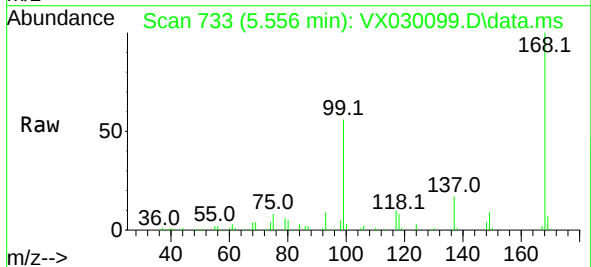
Instrument :
MSVOA_X
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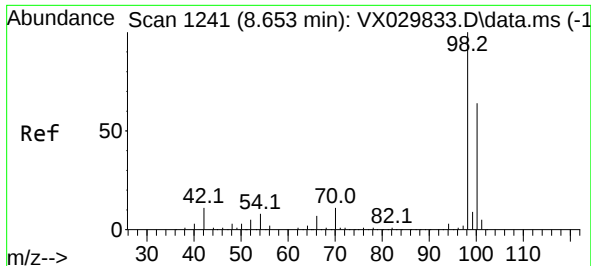
Tgt Ion: 75 Resp: 14483
Ion Ratio Lower Upper
75 100
110 9.5 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 7.421 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX030099.D
Acq: 18 Jul 2022 10:30

Tgt Ion: 117 Resp: 18242
Ion Ratio Lower Upper
117 100
119 7.6 74.1 111.1#
121 0.0 25.8 38.8#

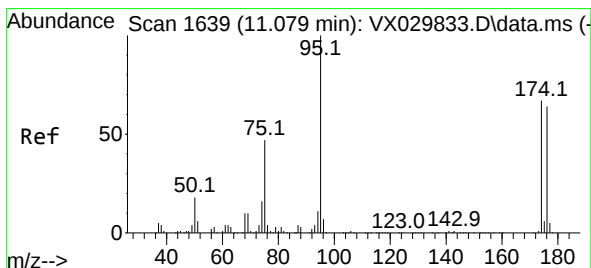
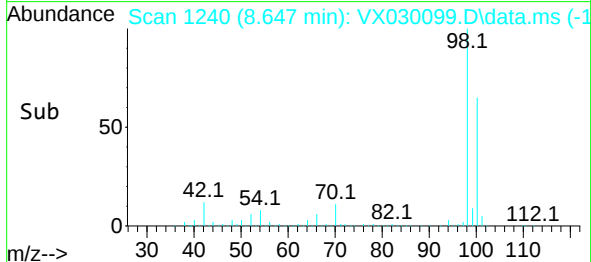
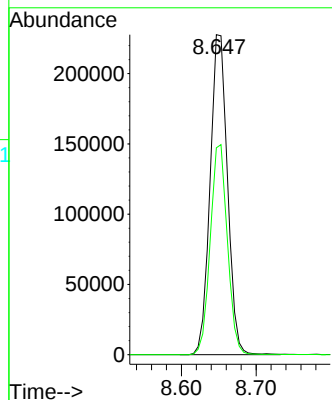
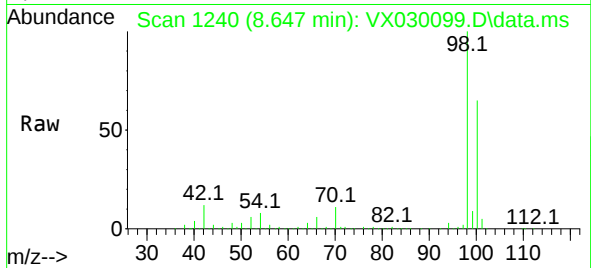




#50
Toluene-d8
Concen: 47.860 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX030099.D
Acq: 18 Jul 2022 10:30

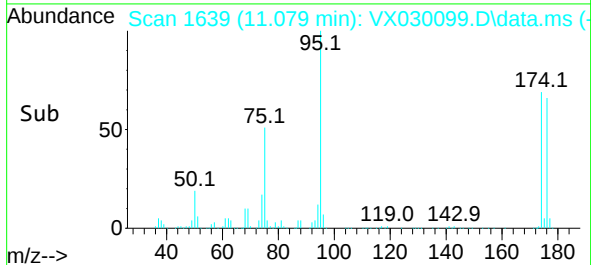
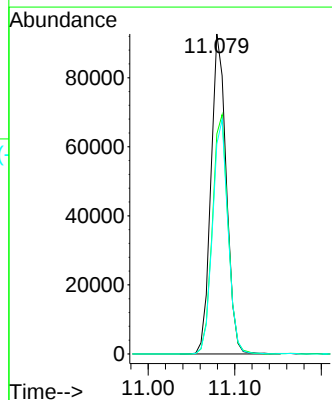
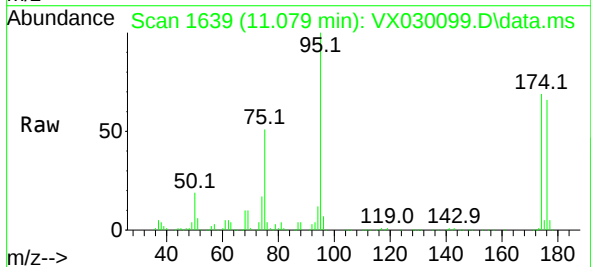
Instrument :
MSVOA_X
ClientSampleId :
VX0718MBL01

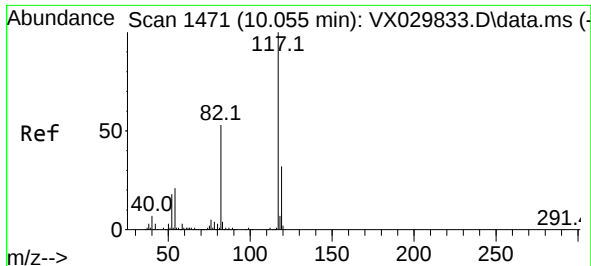
Tgt Ion: 98 Resp: 367340
Ion Ratio Lower Upper
98 100
100 64.7 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 42.893 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX030099.D
Acq: 18 Jul 2022 10:30

Tgt Ion: 95 Resp: 114248
Ion Ratio Lower Upper
95 100
174 76.0 0.0 149.0
176 73.8 0.0 146.0

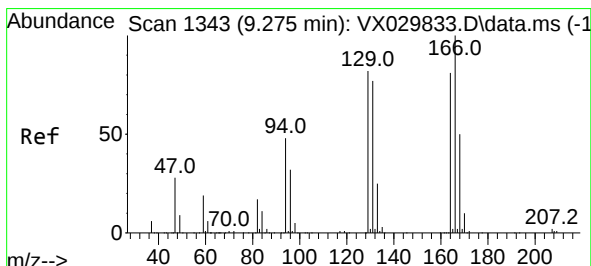
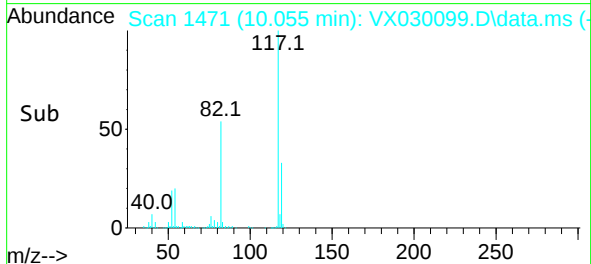
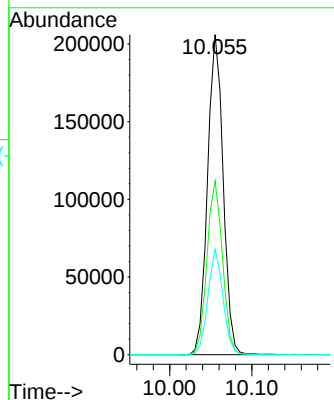
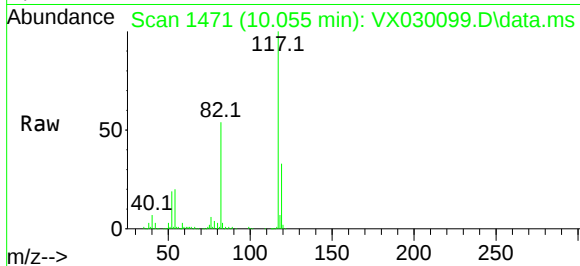




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030099.D
Acq: 18 Jul 2022 10:30

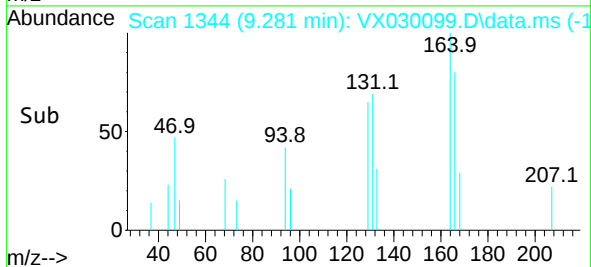
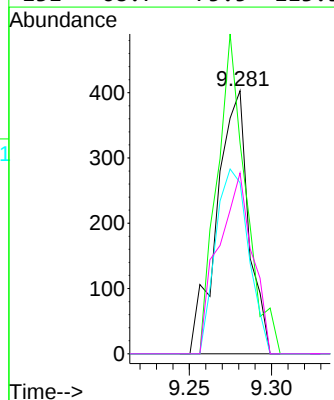
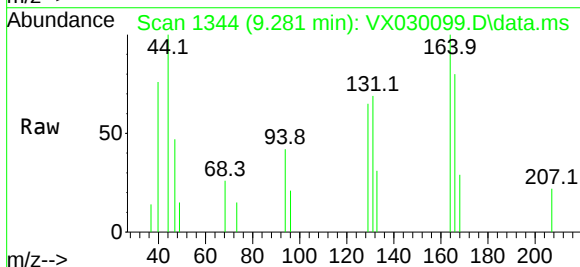
Instrument :
MSVOA_X
ClientSampleId :
VX0718MBL01

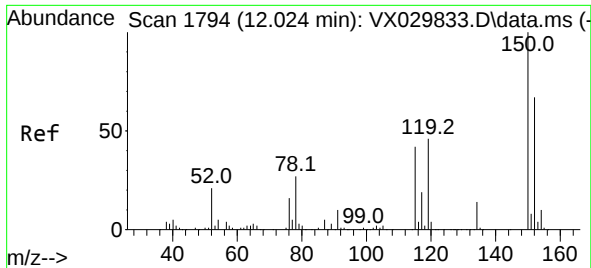
Tgt Ion:117	Resp:	272106	
Ion	Ratio	Lower	Upper
117	100		
82	54.3	42.7	64.1
119	33.0	25.4	38.2



#64
Tetrachloroethene
Concen: 0.247 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX030099.D
Acq: 18 Jul 2022 10:30

Tgt	Ion:164	Resp:	540
Ion	Ratio	Lower	Upper
164	100		
166	80.1	98.2	147.4#
129	65.0	80.8	121.2#
131	68.7	75.5	113.3#

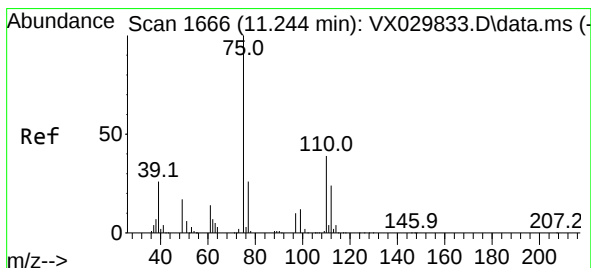
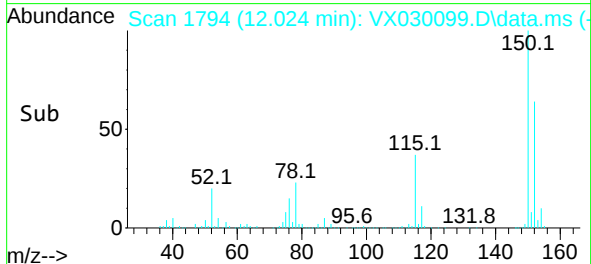
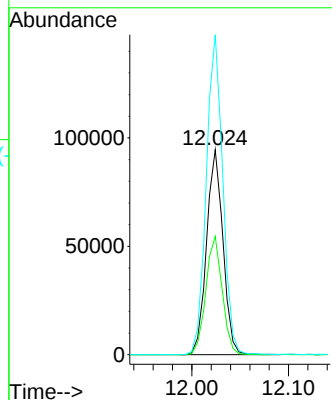
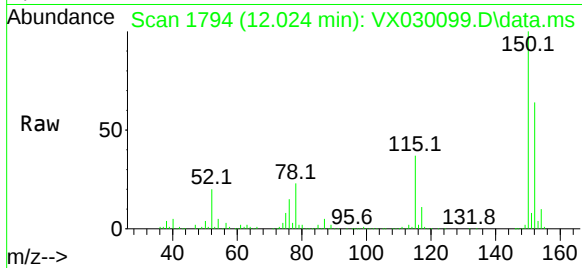




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030099.D
Acq: 18 Jul 2022 10:30

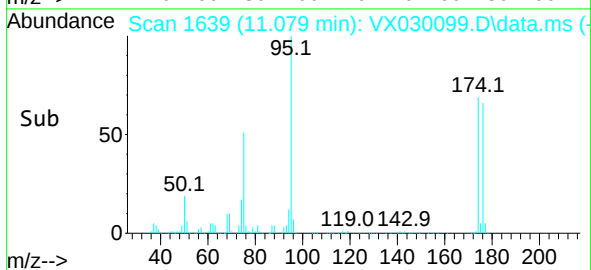
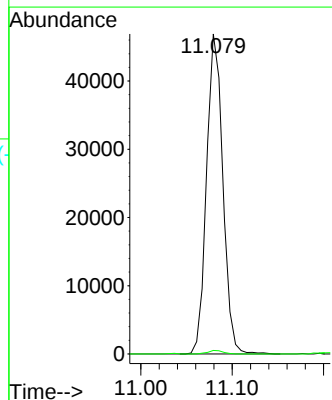
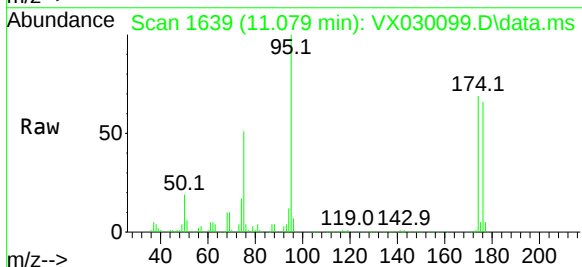
Instrument :
MSVOA_X
ClientSampleId :
VX0718MBL01

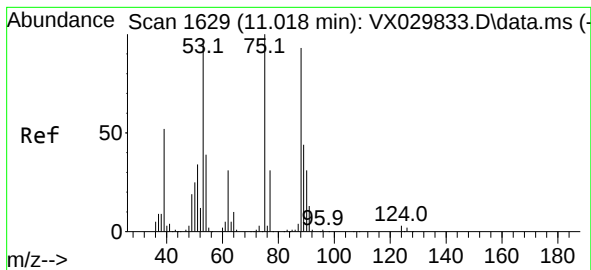
Tgt Ion:152 Resp: 111881
Ion Ratio Lower Upper
152 100
115 57.6 40.5 121.5
150 156.8 0.0 347.0



#76
1,2,3-Trichloropropane
Concen: 22.531 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX030099.D
Acq: 18 Jul 2022 10:30

Tgt Ion: 75 Resp: 57959
Ion Ratio Lower Upper
75 100
77 1.0 19.8 59.3#

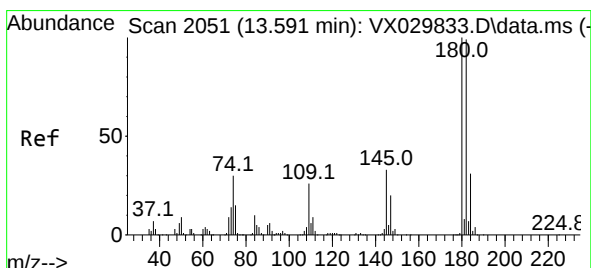
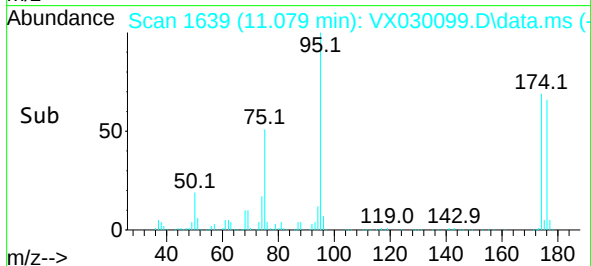
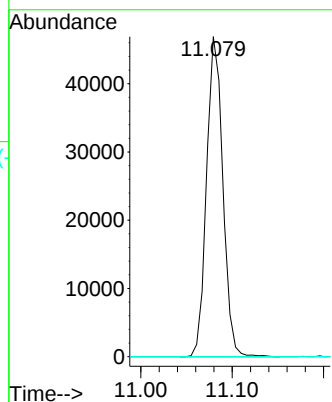
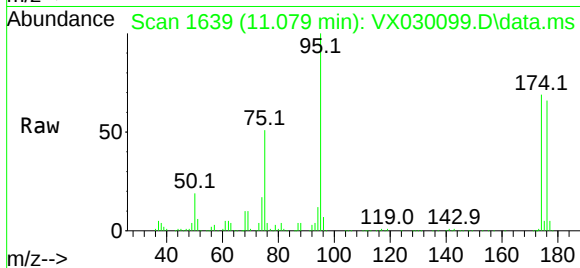




#81
trans-1,4-Dichloro-2-butene
Concen: 65.025 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX030099.D
Acq: 18 Jul 2022 10:30

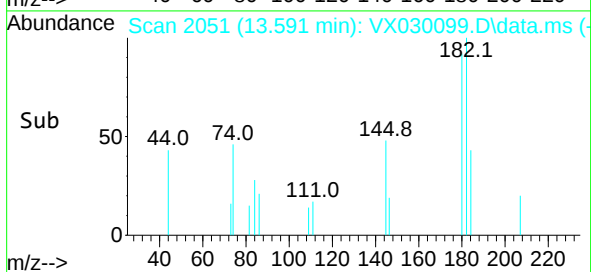
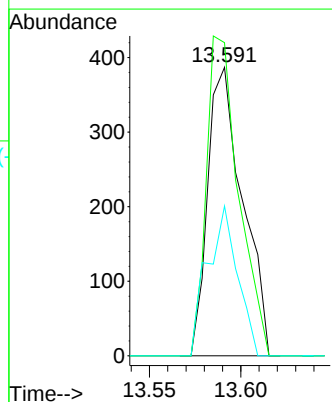
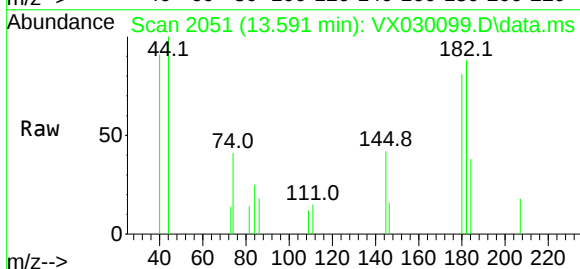
Instrument :
MSVOA_X
ClientSampleId :
VX0718MBL01

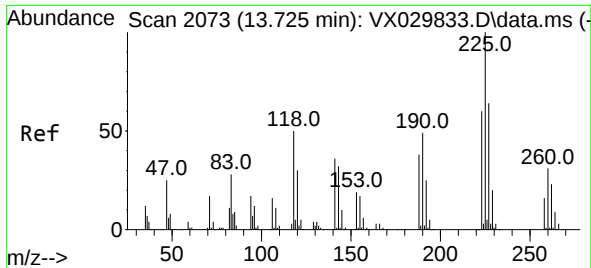
Tgt Ion: 75 Resp: 57959
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#



#93
1,2,4-Trichlorobenzene
Concen: 0.229 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX030099.D
Acq: 18 Jul 2022 10:30

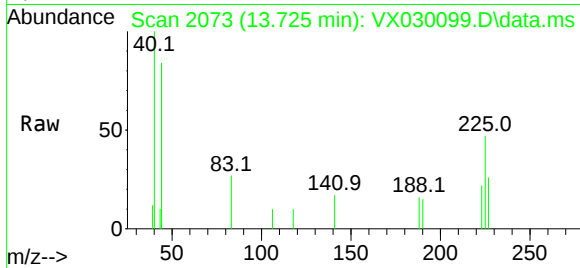
Tgt Ion:180 Resp: 515
Ion Ratio Lower Upper
180 100
182 102.1 48.2 144.6
145 44.7 15.9 47.6





#94
 Hexachlorobutadiene
 Concen: 0.254 ug/l
 RT: 13.725 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VX030099.D
 Acq: 18 Jul 2022 10:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0718MBL01



Tgt Ion:	225	Resp:	228
Ion	Ratio	Lower	Upper
225	100		
223	43.0	30.6	91.6
227	60.1	31.9	95.9

