

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101623\
 Data File : VX038295.D
 Acq On : 16 Oct 2023 11:35
 Operator : JC/MD
 Sample : VX1016MBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 17 01:18:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 05 15:27:13 2023
 Response via : Initial Calibration

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

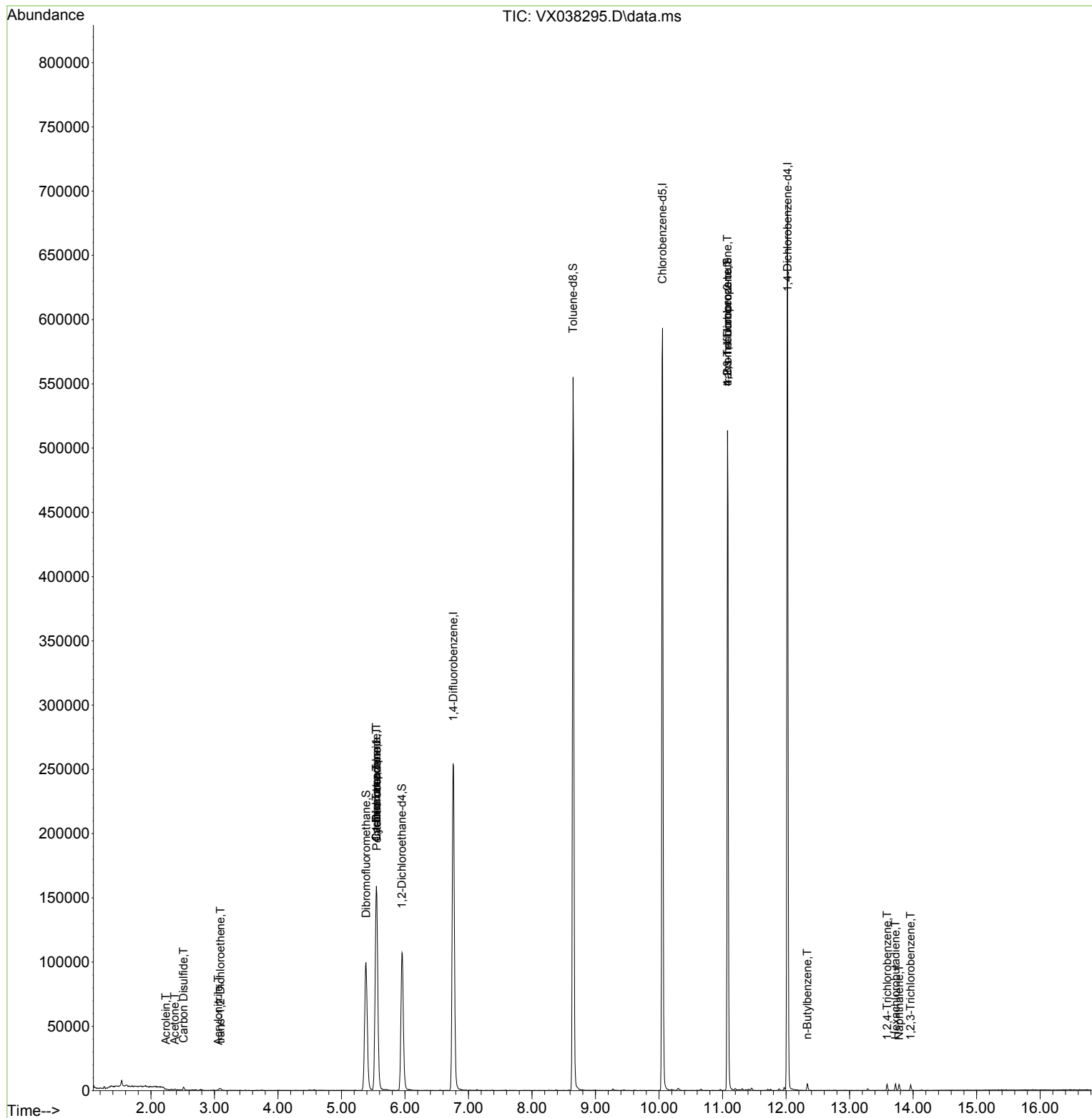
Internal Standards						
1) Pentafluorobenzene	5.556	168	150127	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	268427	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	272498	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	141730	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	104119	43.119	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.240%
35) Dibromofluoromethane	5.385	113	85317	44.110	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.220%
50) Toluene-d8	8.647	98	337027	45.600	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.200%#
62) 4-Bromofluorobenzene	11.079	95	133496	47.643	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.280%
Target Compounds						
						Qvalue
5) Bromomethane	1.617	94	299	Below Cal		85
6) Chloroethane	1.684	64	104	Below Cal	#	43
13) Acrolein	2.233	56	190	0.553	ug/l #	59
15) Acrylonitrile	3.062	53	859	0.782	ug/l	98
16) Acetone	2.373	43	848	0.841	ug/l #	87
17) Carbon Disulfide	2.513	76	2798	0.707	ug/l #	94
21) trans-1,2-Dichloroethene	3.093	96	477	0.280	ug/l #	70
31) Cyclohexane	5.550	56	3596	1.375	ug/l #	45
36) 1,1-Dichloropropene	5.550	75	12458	4.671	ug/l #	52
38) Carbon Tetrachloride	5.550	117	15670	5.972	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	72376	22.463	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	72376	64.332	ug/l #	5
89) n-Butylbenzene	12.335	91	1843	0.216	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	1346	0.448	ug/l	92
94) Hexachlorobutadiene	13.725	225	709	0.586	ug/l	95
95) Naphthalene	13.780	128	3409	0.326	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	1144	0.393	ug/l	88

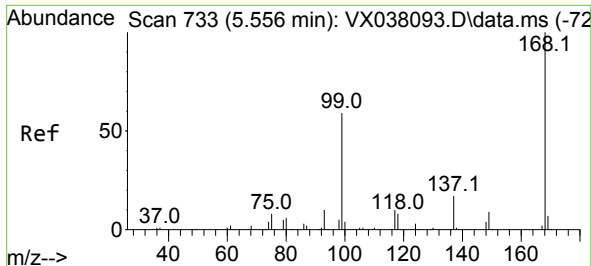
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101623\
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
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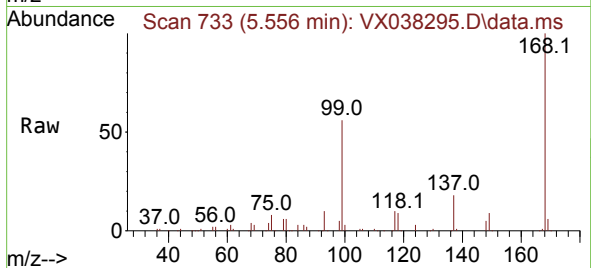
Quant Time: Oct 17 01:18:51 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration



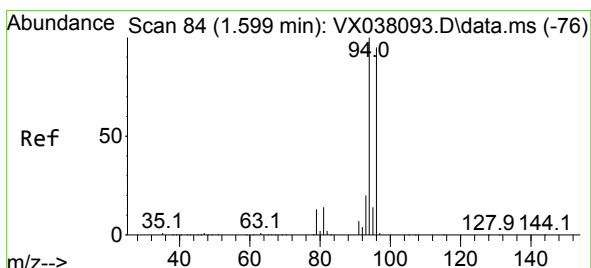
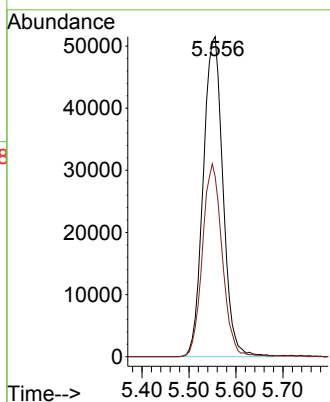
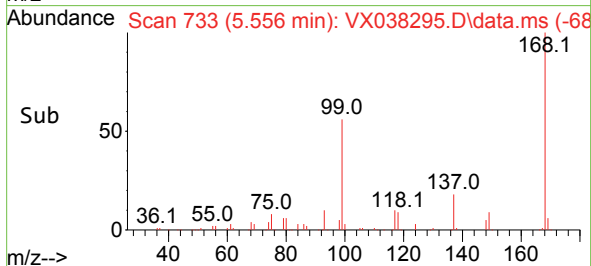


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038295.D
Acq: 16 Oct 2023 11:35

Instrument :
MSVOA_X
ClientSampleId :

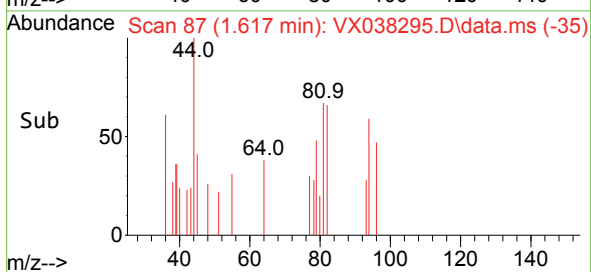
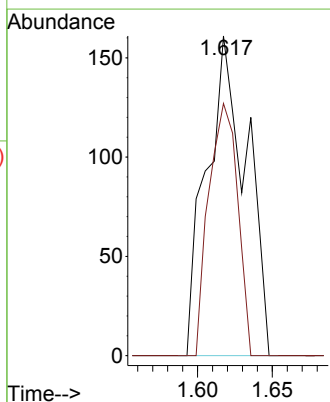
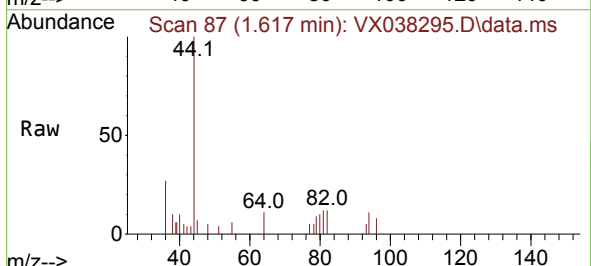


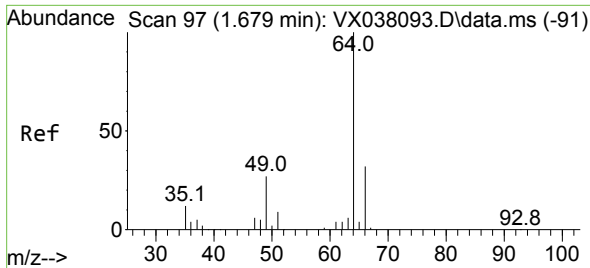
Tgt Ion:168 Resp: 150127
Ion Ratio Lower Upper
168 100
99 56.2 56.6 85.0#



#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX038295.D
Acq: 16 Oct 2023 11:35

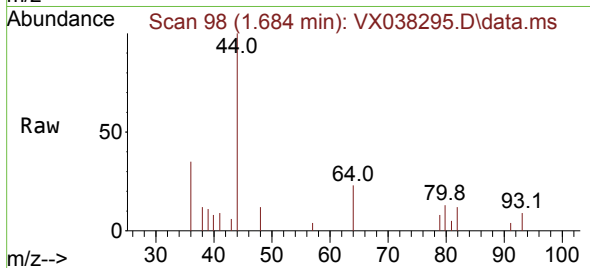
Tgt Ion: 94 Resp: 299
Ion Ratio Lower Upper
94 100
96 78.9 74.6 111.8



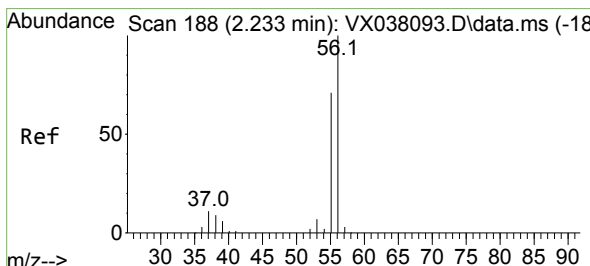
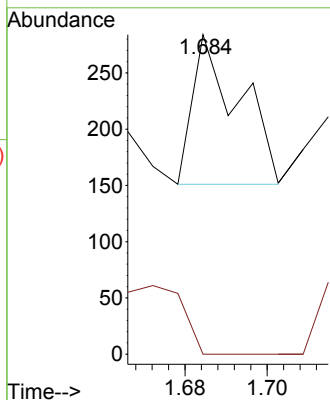
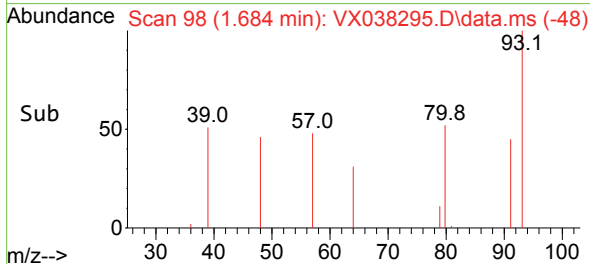


#6
Chloroethane
Concen: Below Cal
RT: 1.684 min Scan# 91
Delta R.T. 0.005 min
Lab File: VX038295.D
Acq: 16 Oct 2023 11:35

Instrument :
MSVOA_X
ClientSampleId :

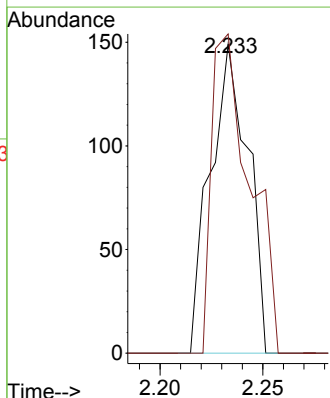
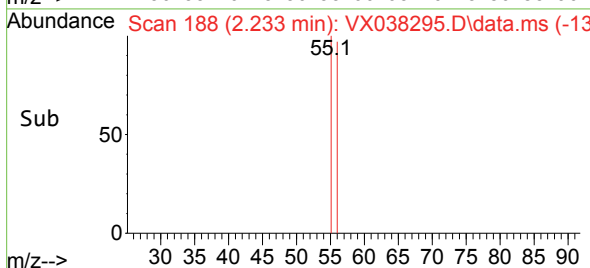
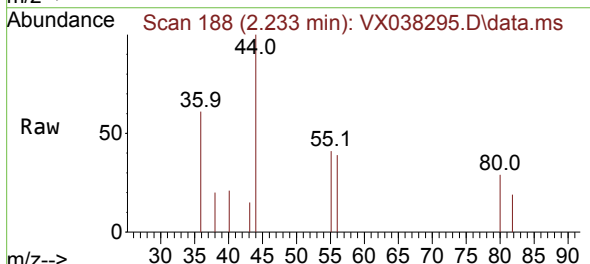


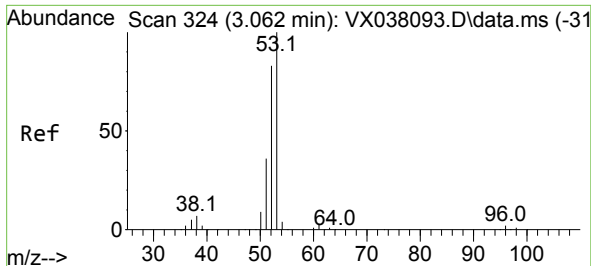
Tgt Ion: 64 Resp: 104
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#13
Acrolein
Concen: 0.553 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX038295.D
Acq: 16 Oct 2023 11:35

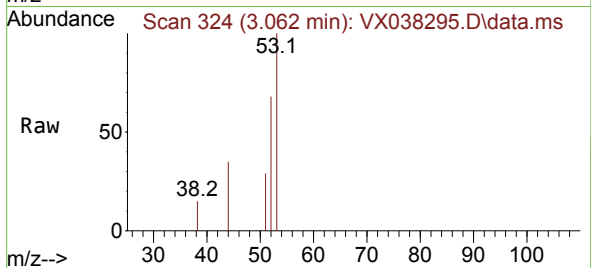
Tgt Ion: 56 Resp: 190
Ion Ratio Lower Upper
56 100
55 105.3 57.1 85.7#



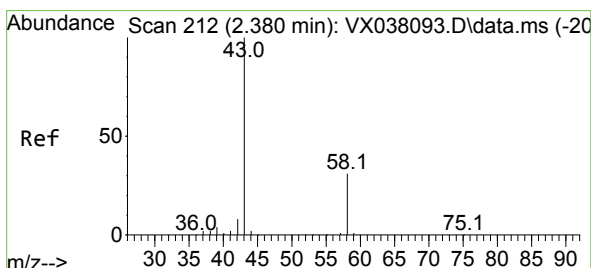
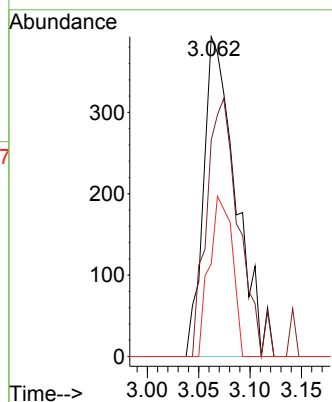
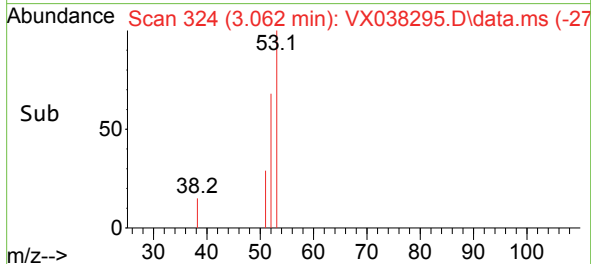


#15
Acrylonitrile
Concen: 0.782 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX038295.D
Acq: 16 Oct 2023 11:35

Instrument :
MSVOA_X
ClientSampleId :

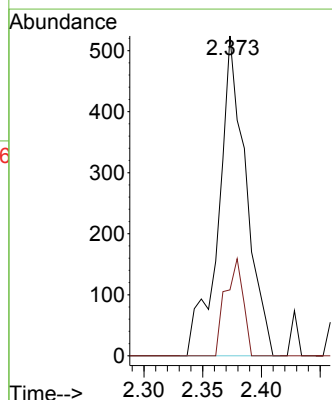
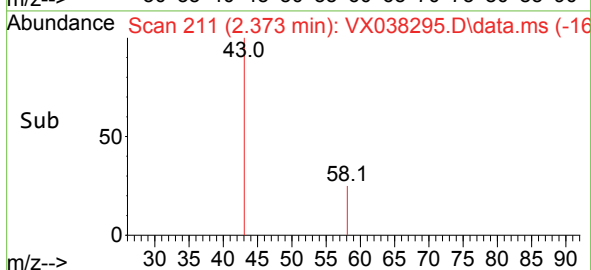
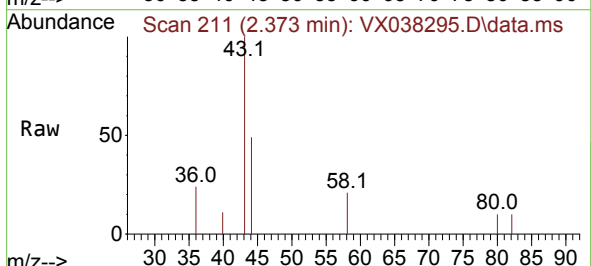


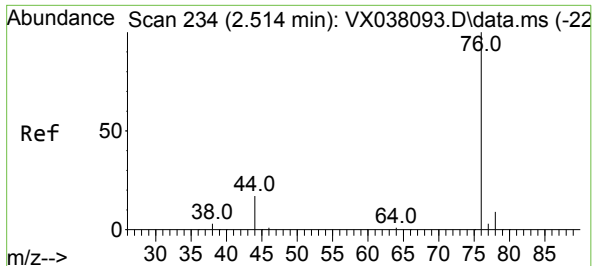
Tgt Ion: 53 Resp: 859
Ion Ratio Lower Upper
53 100
52 80.4 66.0 99.0
51 35.6 29.8 44.6



#16
Acetone
Concen: 0.841 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.007 min
Lab File: VX038295.D
Acq: 16 Oct 2023 11:35

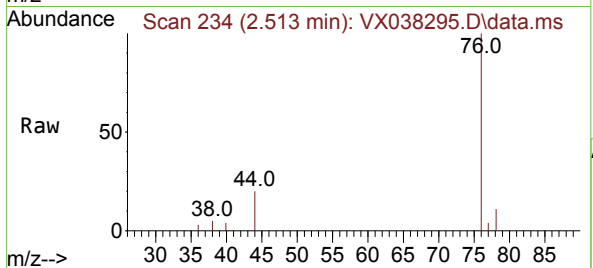
Tgt Ion: 43 Resp: 848
Ion Ratio Lower Upper
43 100
58 20.6 21.9 32.9#



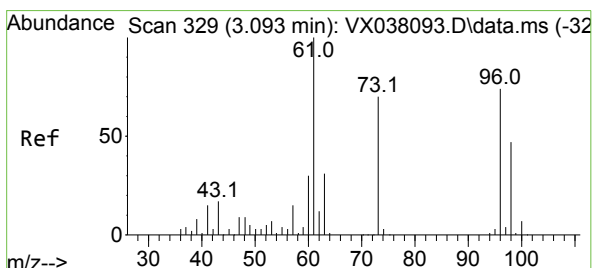
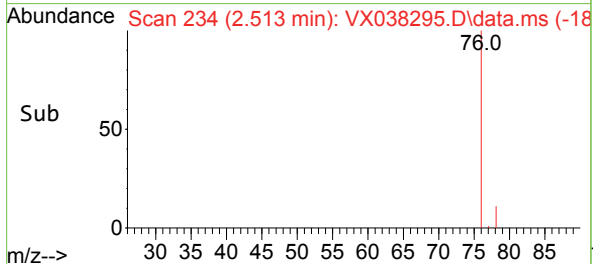
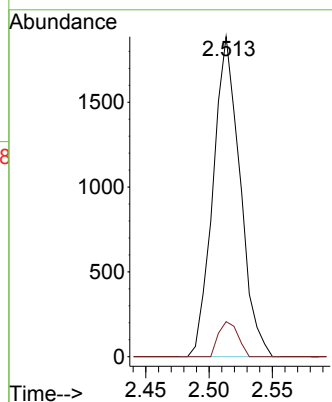


#17
Carbon Disulfide
Concen: 0.707 ug/l
RT: 2.513 min Scan# 21
Delta R.T. 0.005 min
Lab File: VX038295.D
Acq: 16 Oct 2023 11:35

Instrument :
MSVOA_X
ClientSampleId :

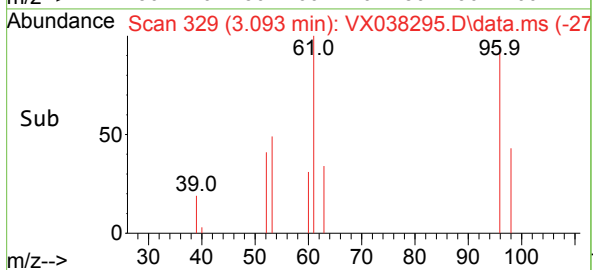
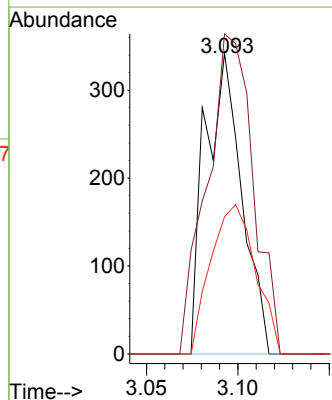
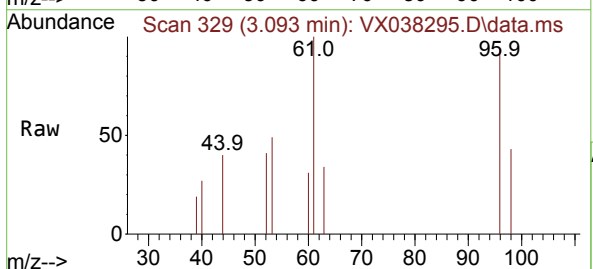


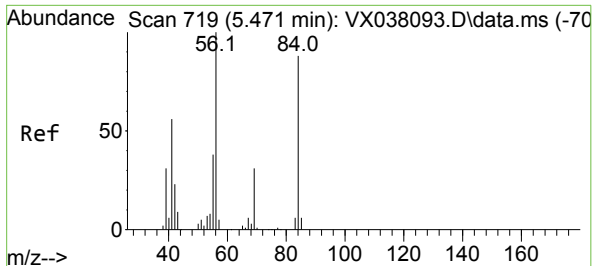
Tgt Ion: 76 Resp: 2798
Ion Ratio Lower Upper
76 100
78 10.9 7.0 10.6#



#21
trans-1,2-Dichloroethene
Concen: 0.280 ug/l
RT: 3.093 min Scan# 329
Delta R.T. 0.006 min
Lab File: VX038295.D
Acq: 16 Oct 2023 11:35

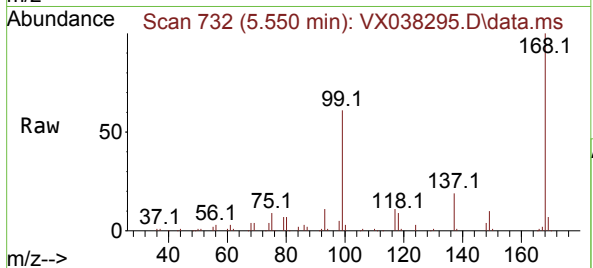
Tgt Ion: 96 Resp: 477
Ion Ratio Lower Upper
96 100
61 106.4 119.2 178.8#
98 45.6 48.7 73.1#



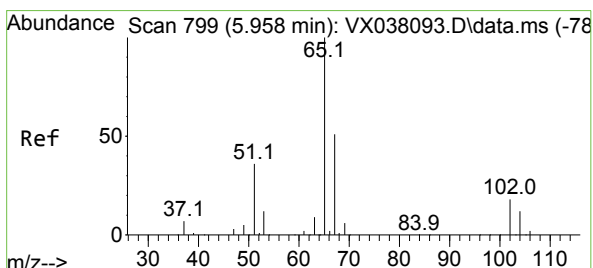
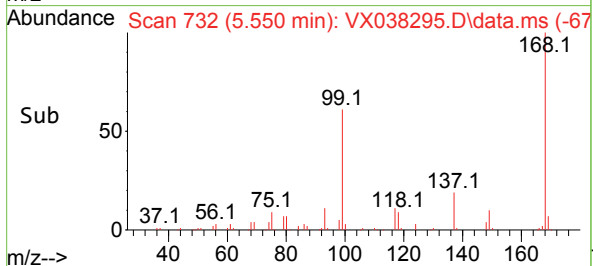
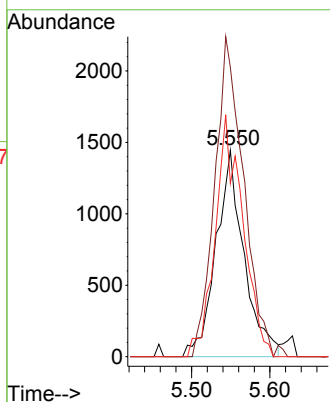


#31
Cyclohexane
Concen: 1.375 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX038295.D
Acq: 16 Oct 2023 11:35

Instrument :
MSVOA_X
ClientSampleId :

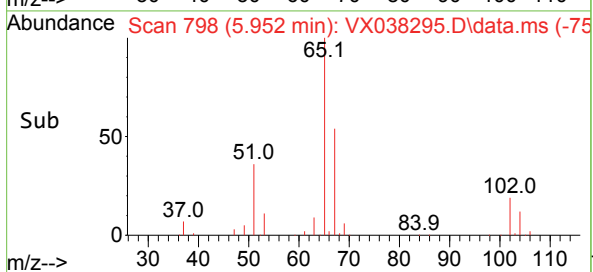
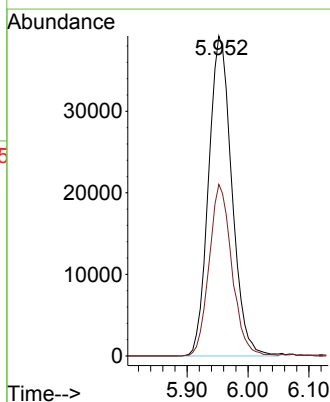
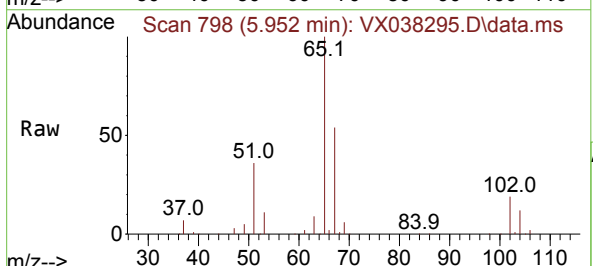


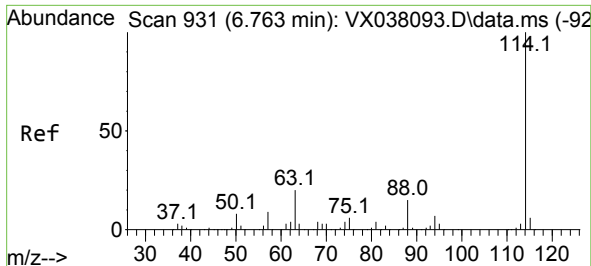
Tgt Ion: 56 Resp: 3596
Ion Ratio Lower Upper
56 100
69 140.1 23.4 35.2#
84 83.9 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 43.119 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX038295.D
Acq: 16 Oct 2023 11:35

Tgt Ion: 65 Resp: 104119
Ion Ratio Lower Upper
65 100
67 52.4 0.0 100.2

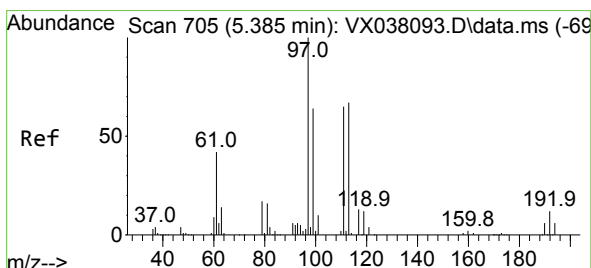
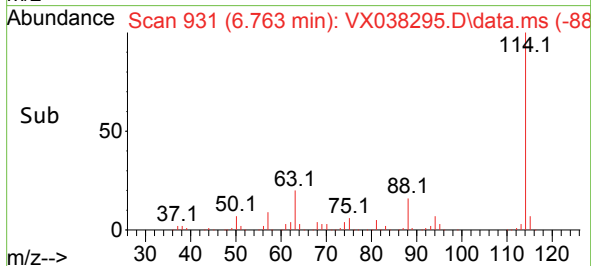
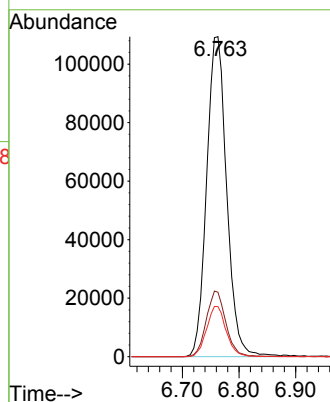
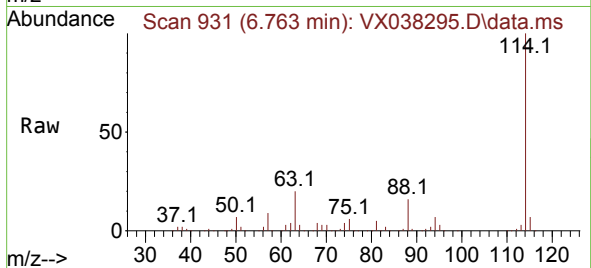




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX038295.D
Acq: 16 Oct 2023 11:35

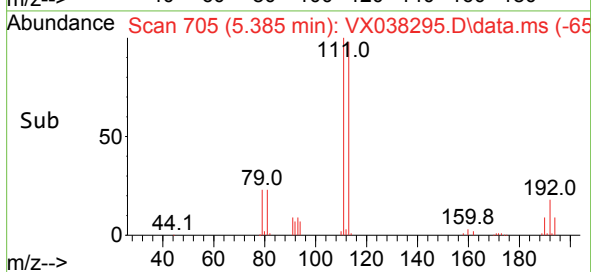
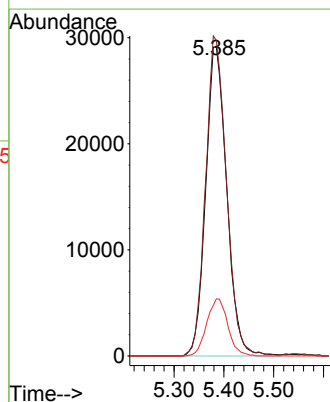
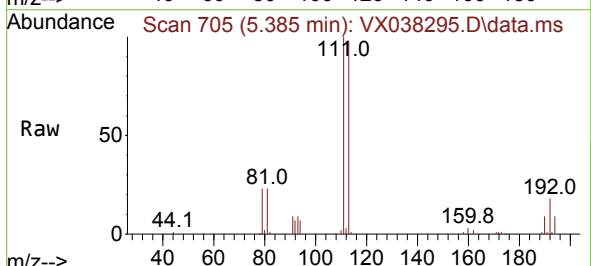
Instrument :
MSVOA_X
ClientSampleId :

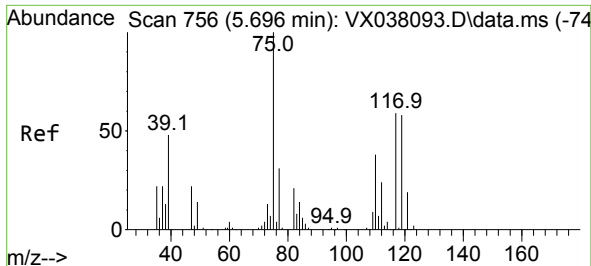
Tgt Ion:114 Resp: 268427
Ion Ratio Lower Upper
114 100
63 20.1 0.0 45.0
88 15.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.110 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX038295.D
Acq: 16 Oct 2023 11:35

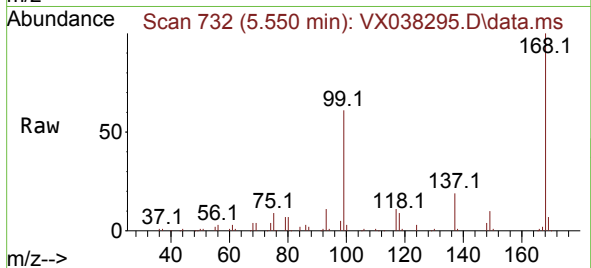
Tgt Ion:113 Resp: 85317
Ion Ratio Lower Upper
113 100
111 103.1 82.9 124.3
192 18.5 13.3 19.9



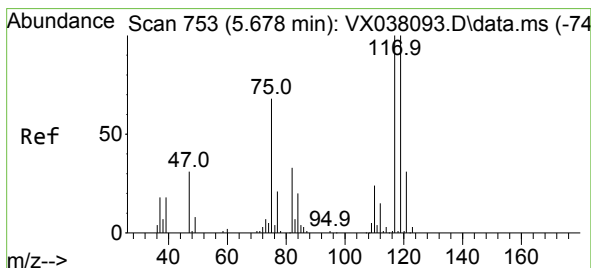
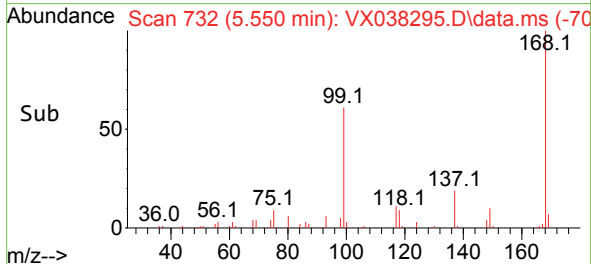
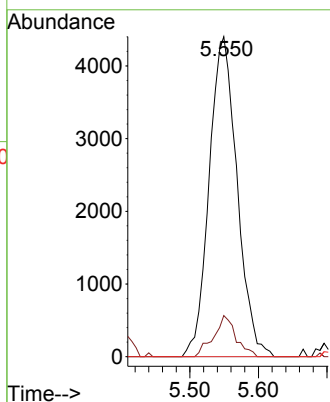


#36
1,1-Dichloropropene
Concen: 4.671 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX038295.D
Acq: 16 Oct 2023 11:35

Instrument :
MSVOA_X
ClientSampleId :

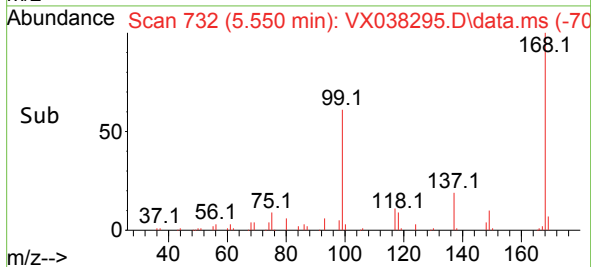
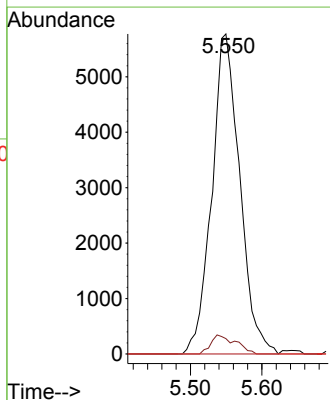
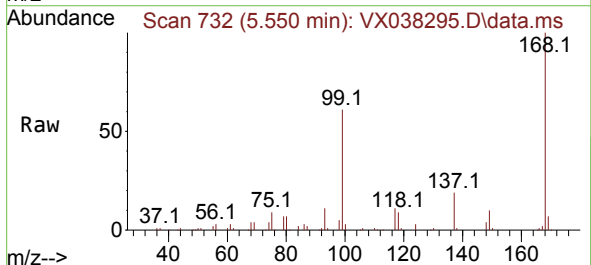


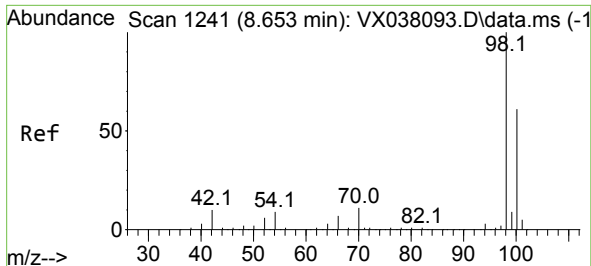
Tgt Ion: 75 Resp: 12458
Ion Ratio Lower Upper
75 100
110 10.3 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.972 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX038295.D
Acq: 16 Oct 2023 11:35

Tgt Ion: 117 Resp: 15670
Ion Ratio Lower Upper
117 100
119 4.8 78.2 117.2#
121 0.0 24.4 36.6#

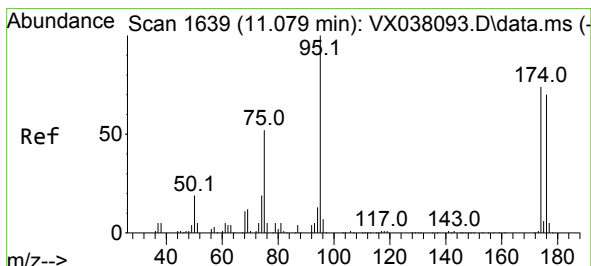
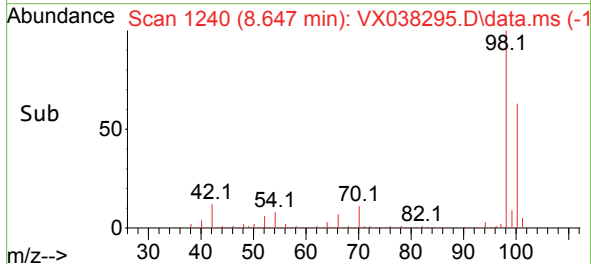
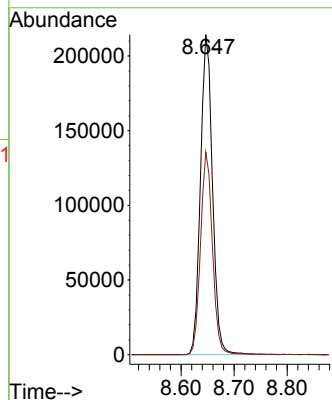
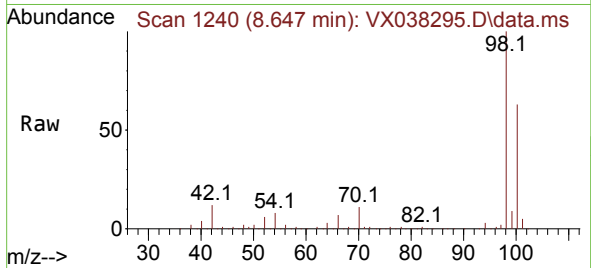




#50
Toluene-d8
Concen: 45.600 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX038295.D
Acq: 16 Oct 2023 11:35

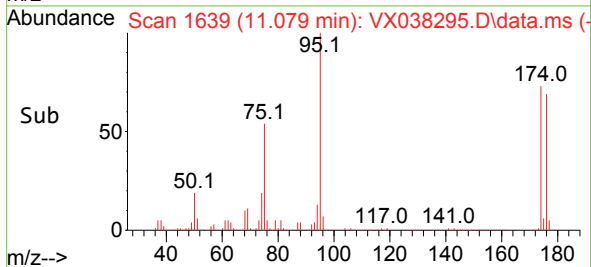
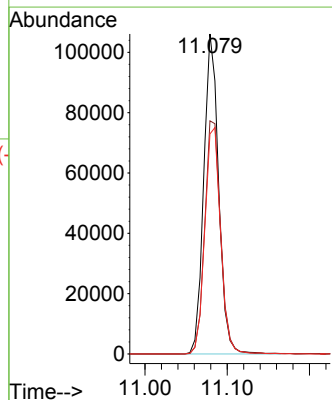
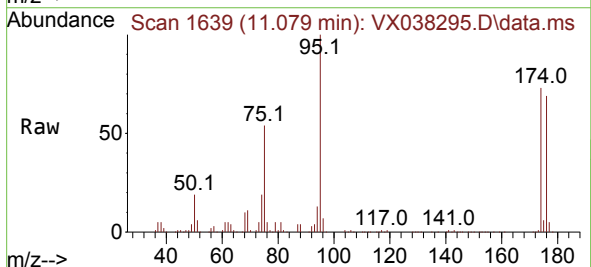
Instrument :
MSVOA_X
ClientSampleId :

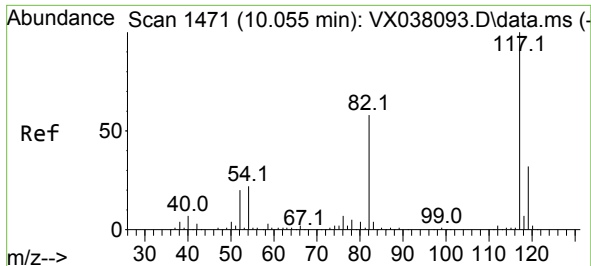
Tgt Ion: 98 Resp: 337027
Ion Ratio Lower Upper
98 100
100 62.7 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 47.643 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038295.D
Acq: 16 Oct 2023 11:35

Tgt Ion: 95 Resp: 133496
Ion Ratio Lower Upper
95 100
174 77.8 0.0 135.6
176 75.3 0.0 131.0

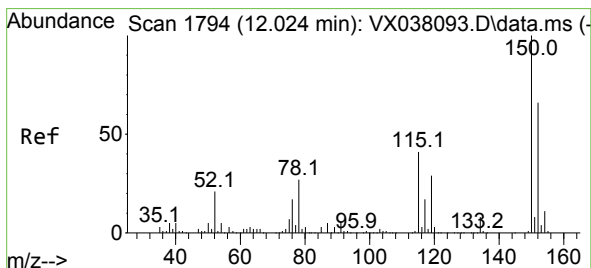
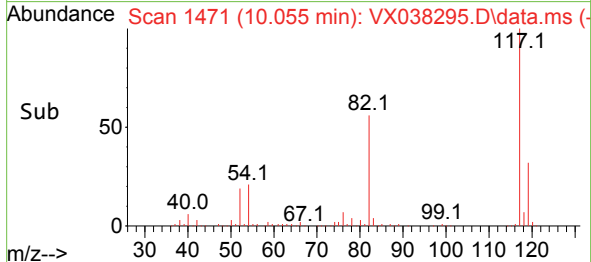
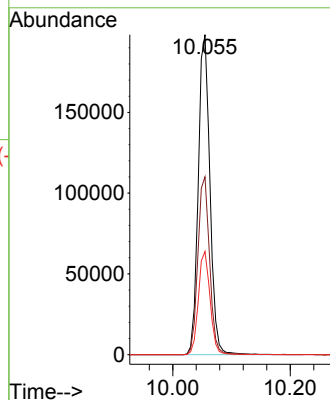
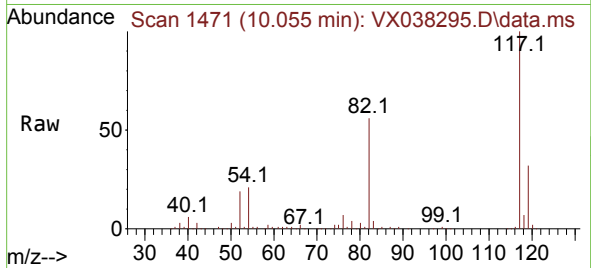




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX038295.D
Acq: 16 Oct 2023 11:35

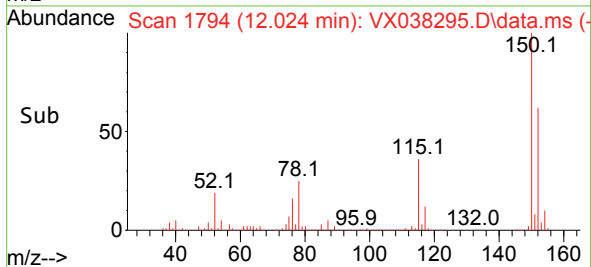
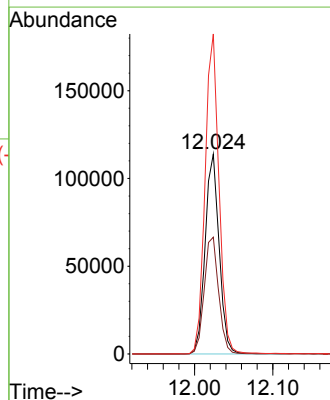
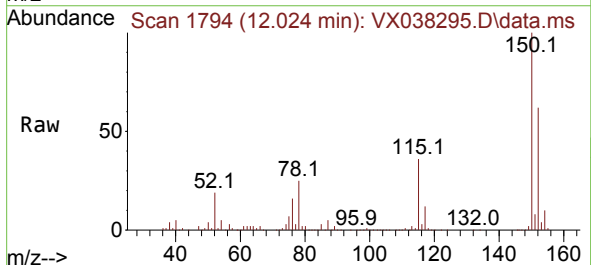
Instrument :
MSVOA_X
ClientSampleId :

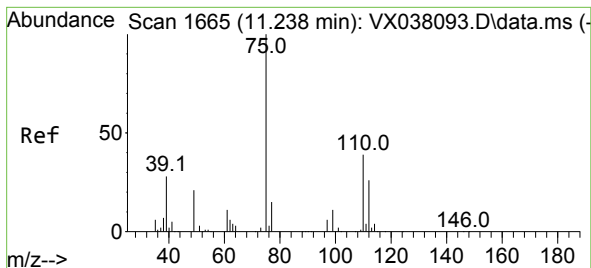
Tgt Ion:117 Resp: 272498
Ion Ratio Lower Upper
117 100
82 55.6 46.2 69.4
119 32.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX038295.D
Acq: 16 Oct 2023 11:35

Tgt Ion:152 Resp: 141730
Ion Ratio Lower Upper
152 100
115 60.2 43.3 129.9
150 158.0 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 22.463 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.159 min

Lab File: VX038295.D

Acq: 16 Oct 2023 11:35

Instrument :

MSVOA_X

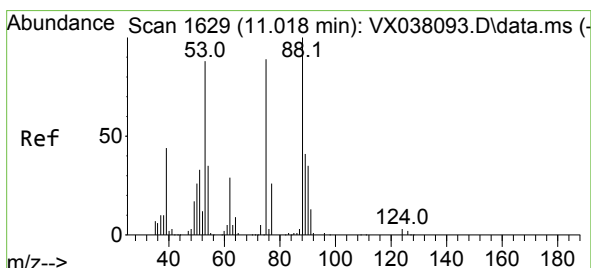
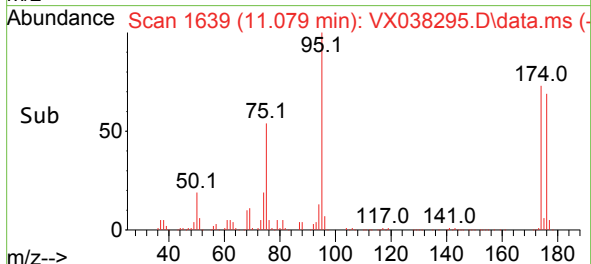
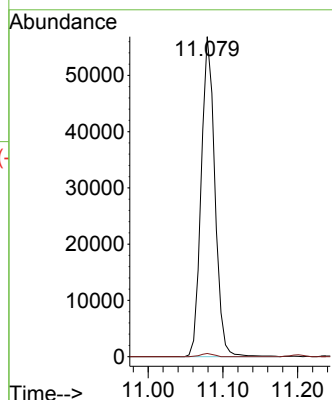
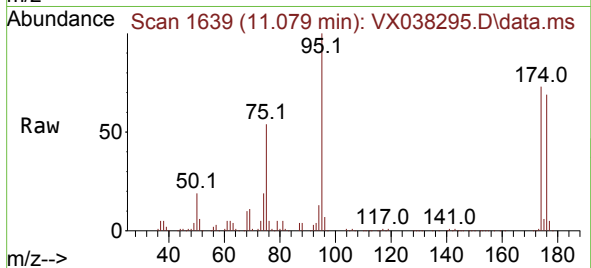
ClientSampleId :

Tgt Ion: 75 Resp: 72376

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 64.332 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX038295.D

Acq: 16 Oct 2023 11:35

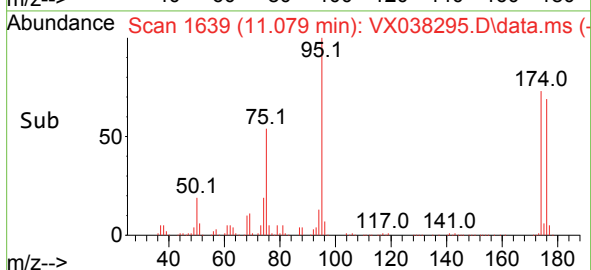
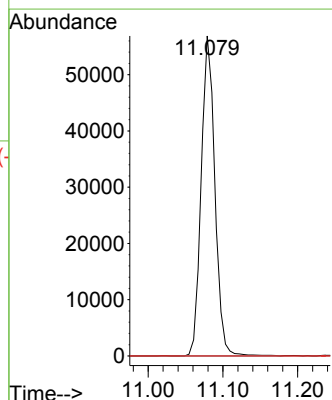
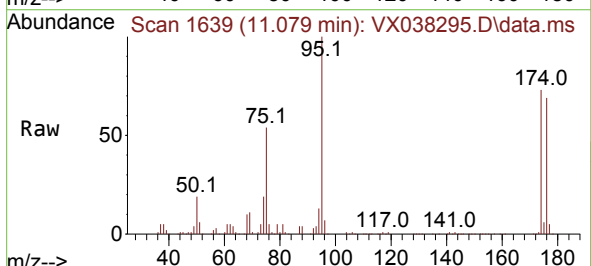
Tgt Ion: 75 Resp: 72376

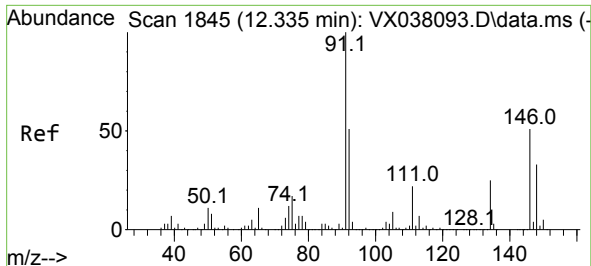
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

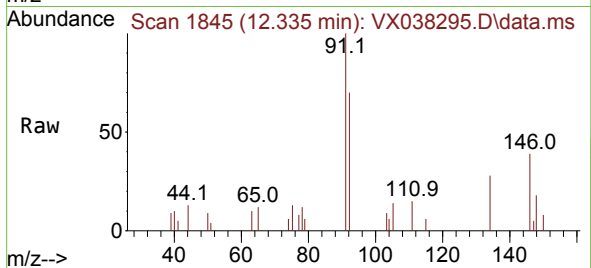
89 0.0 36.9 55.3#



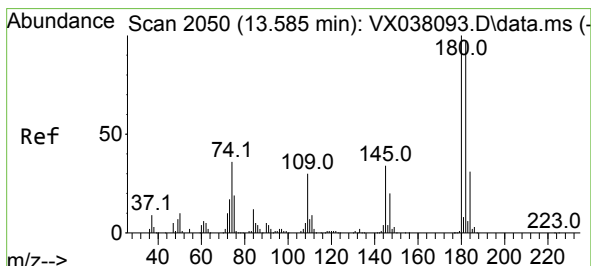
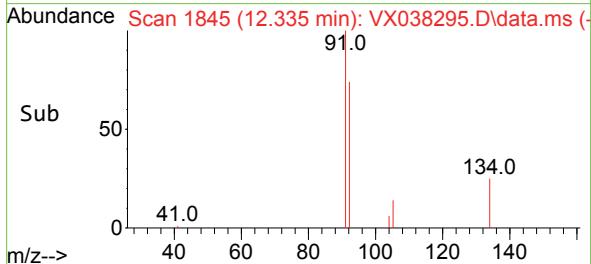
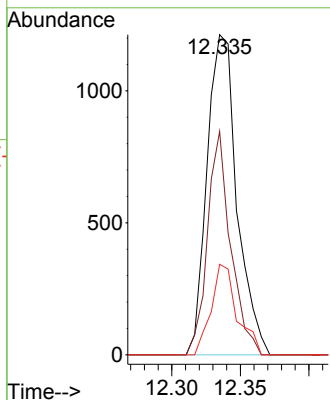


#89
n-Butylbenzene
Concen: 0.216 ug/l
RT: 12.335 min Scan# 1843
Delta R.T. -0.000 min
Lab File: VX038295.D
Acq: 16 Oct 2023 11:35

Instrument :
MSVOA_X
ClientSampleId :

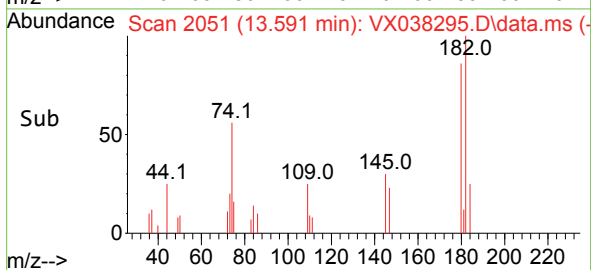
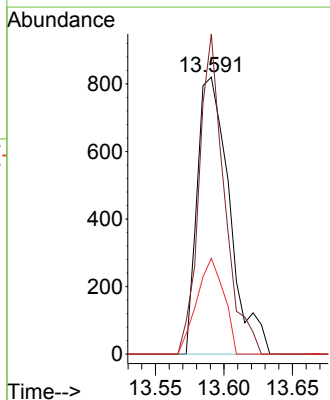
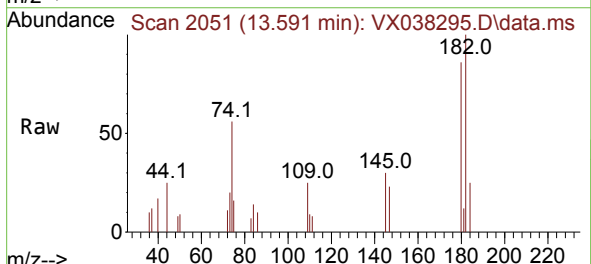


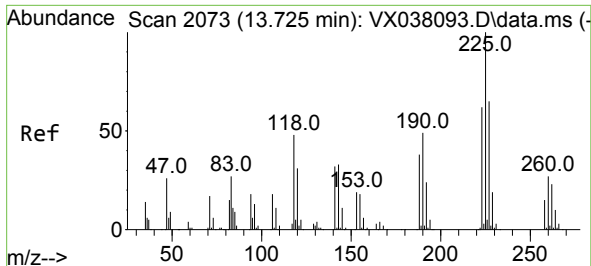
Tgt Ion: 91	Resp:	1843
Ion	Ratio	Lower Upper
91	100	
92	54.0	27.4 82.0
134	24.5	12.6 37.8



#93
1,2,4-Trichlorobenzene
Concen: 0.448 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX038295.D
Acq: 16 Oct 2023 11:35

Tgt Ion: 180	Resp:	1346
Ion	Ratio	Lower Upper
180	100	
182	90.6	48.3 144.8
145	29.0	18.0 54.0

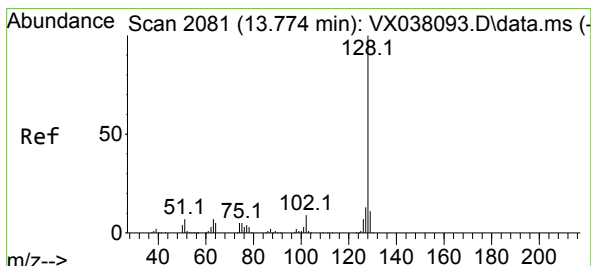
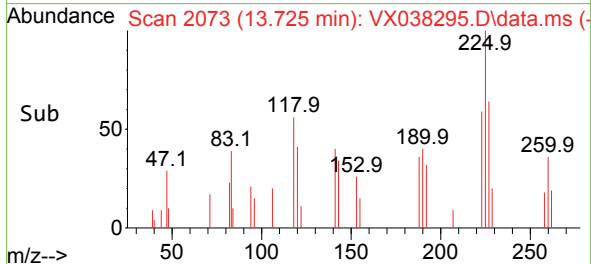
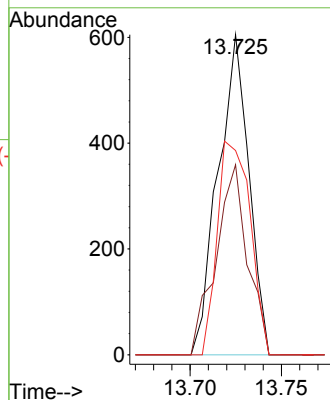
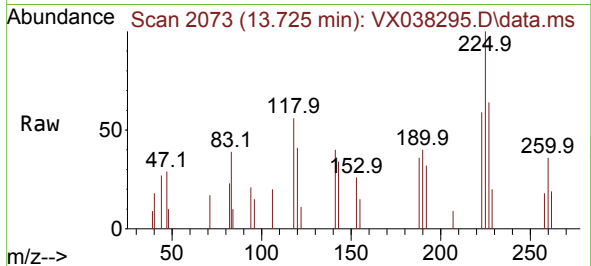




#94
Hexachlorobutadiene
Concen: 0.586 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX038295.D
Acq: 16 Oct 2023 11:35

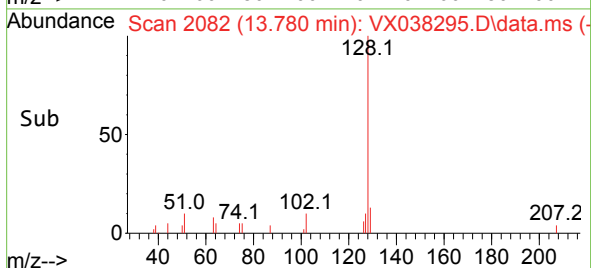
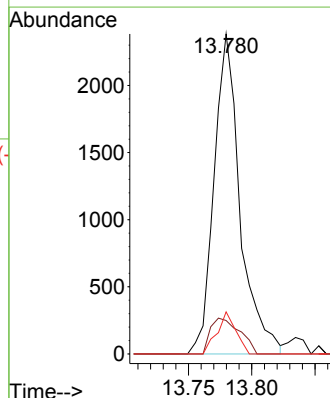
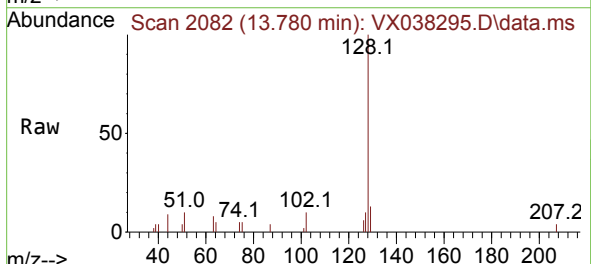
Instrument :
MSVOA_X
ClientSampleId :

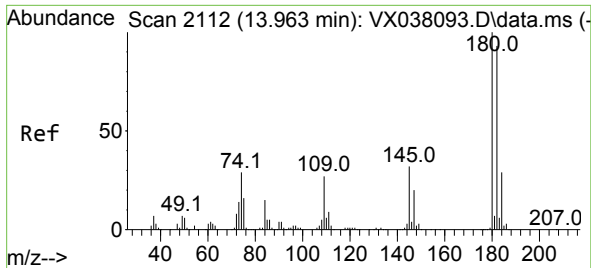
Tgt Ion:225 Resp: 709
Ion Ratio Lower Upper
225 100
223 61.1 31.1 93.2
227 71.4 32.5 97.5



#95
Naphthalene
Concen: 0.326 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX038295.D
Acq: 16 Oct 2023 11:35

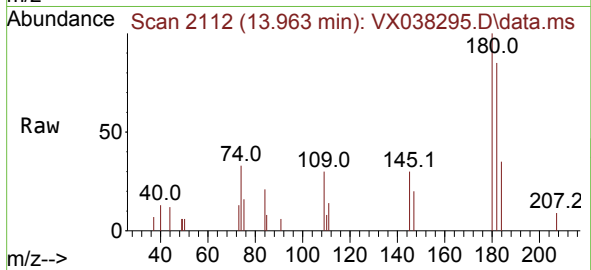
Tgt Ion:128 Resp: 3409
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 9.4 8.8 13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 0.393 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX038295.D
 Acq: 16 Oct 2023 11:35

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	180	Resp:	1144
Ion	Ratio	Lower	Upper
180	100		
182	108.9	46.9	140.6
145	36.0	17.8	53.5

