

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101623\
 Data File : VX038296.D
 Acq On : 16 Oct 2023 11:58
 Operator : JC/MD
 Sample : VX1016WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 17 01:19:20 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)

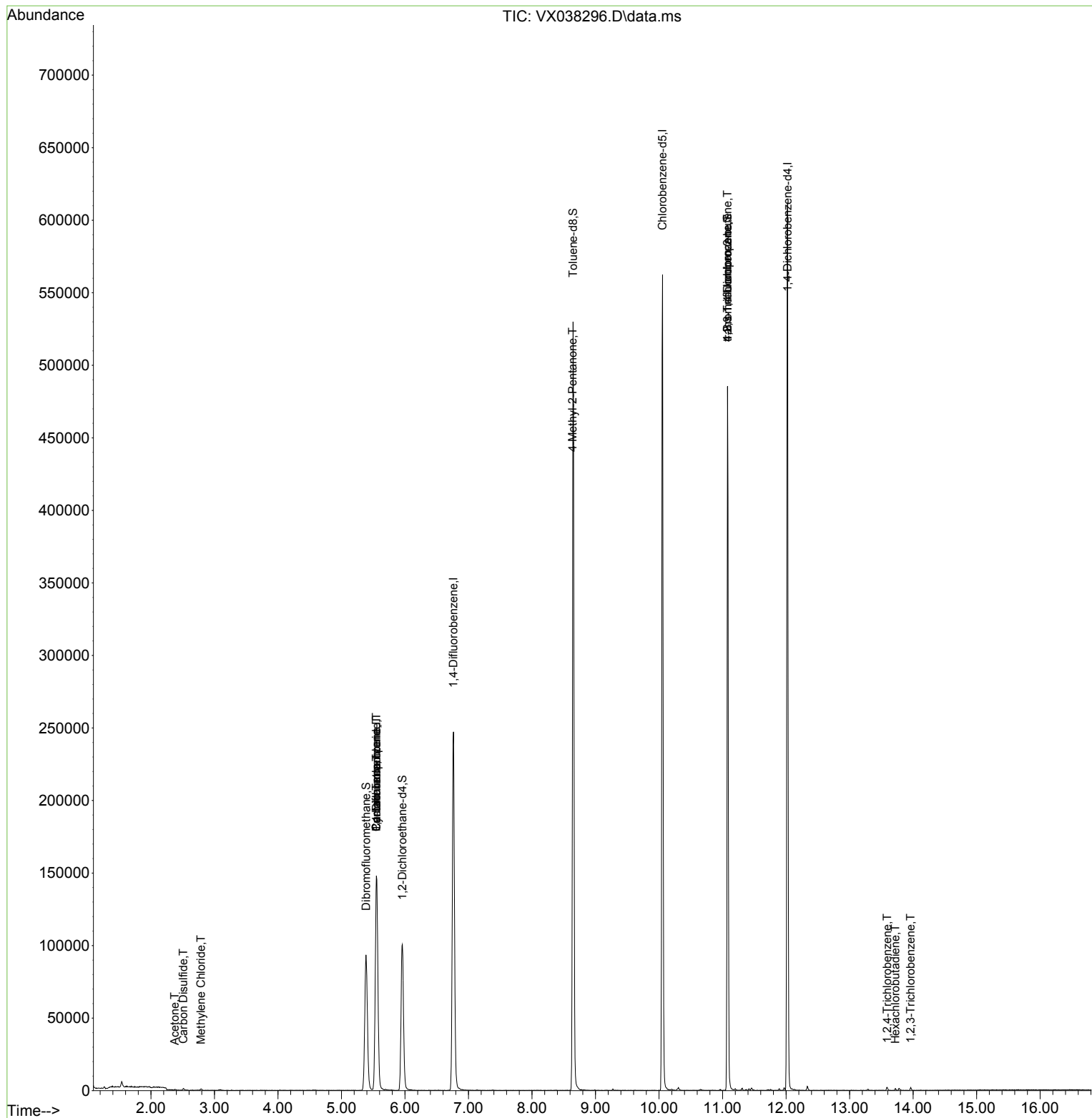
Internal Standards						
1) Pentafluorobenzene	5.550	168	139738	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	251194	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	256825	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	131140	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	99629	44.327	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.660%
35) Dibromofluoromethane	5.385	113	80563	44.510	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.020%
50) Toluene-d8	8.647	98	320182	46.292	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.580%
62) 4-Bromofluorobenzene	11.079	95	123735	47.189	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.380%
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	68	Below Cal		89
6) Chloroethane	1.697	64	258	Below Cal	#	43
16) Acetone	2.374	43	539	0.575	ug/l	91
17) Carbon Disulfide	2.508	76	1503	0.408	ug/l #	86
20) Methylene Chloride	2.788	84	572	0.324	ug/l #	61
31) Cyclohexane	5.550	56	3318	1.363	ug/l #	16
36) 1,1-Dichloropropene	5.550	75	11620	4.655	ug/l #	51
38) Carbon Tetrachloride	5.550	117	14425	5.875	ug/l #	16
51) 4-Methyl-2-Pentanone	8.641	43	1347	0.441	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	66951	22.457	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	66951	64.317	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	822	0.296	ug/l	88
94) Hexachlorobutadiene	13.719	225	280	0.250	ug/l	92
96) 1,2,3-Trichlorobenzene	13.963	180	589	0.219	ug/l #	83

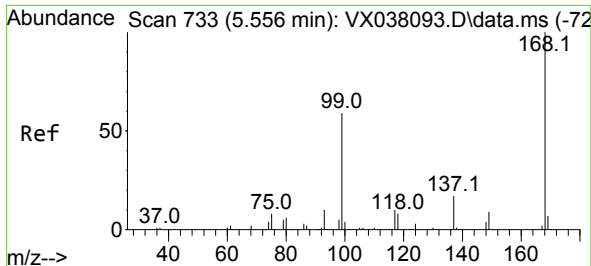
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
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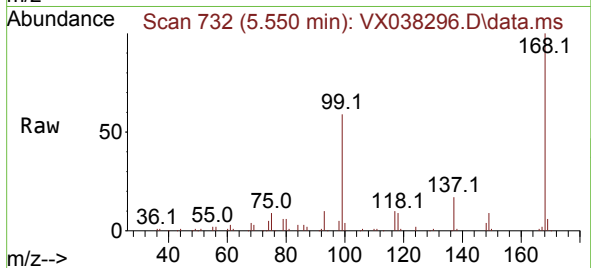
Quant Time: Oct 17 01:19:20 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100523W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 05 15:27:13 2023
Response via : Initial Calibration



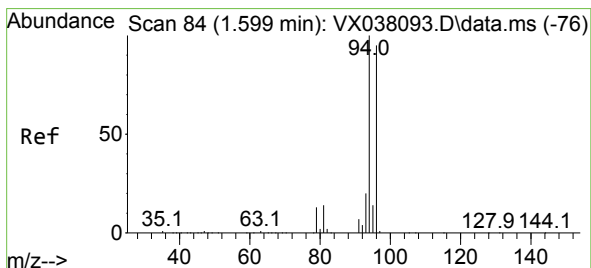
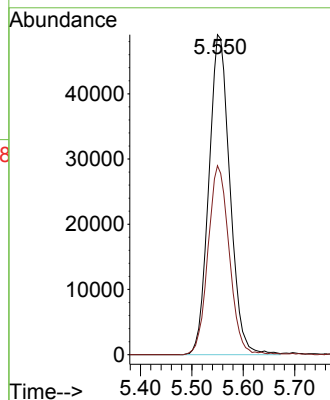
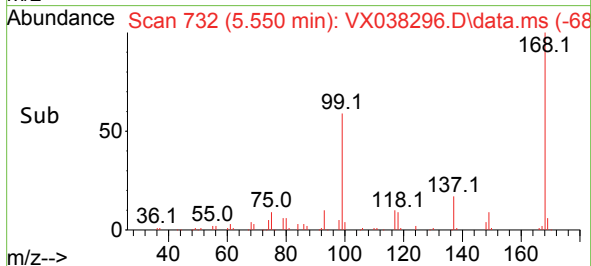


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX038296.D
Acq: 16 Oct 2023 11:58

Instrument :
MSVOA_X
ClientSampleId :

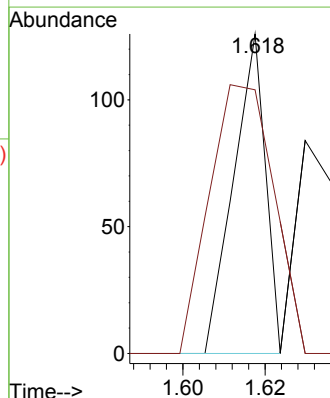
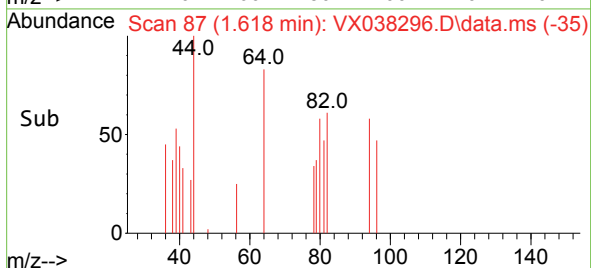
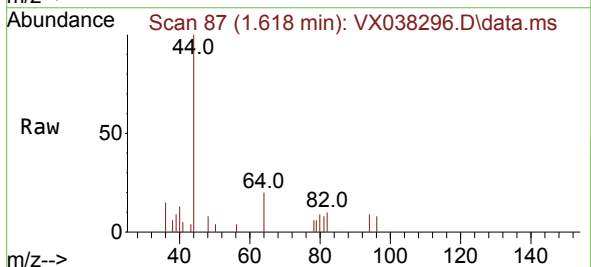


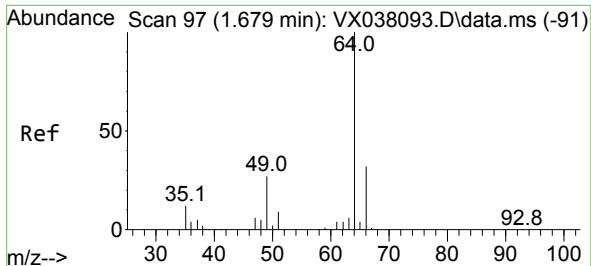
Tgt Ion:168 Resp: 139738
Ion Ratio Lower Upper
168 100
99 59.1 56.6 85.0



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX038296.D
Acq: 16 Oct 2023 11:58

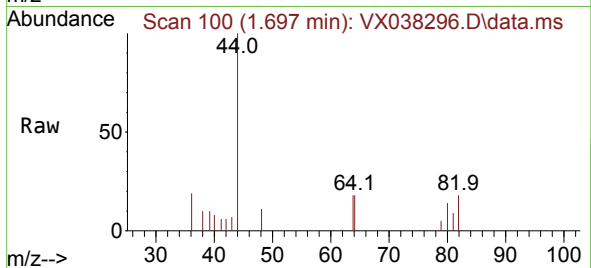
Tgt Ion: 94 Resp: 68
Ion Ratio Lower Upper
94 100
96 82.5 74.6 111.8



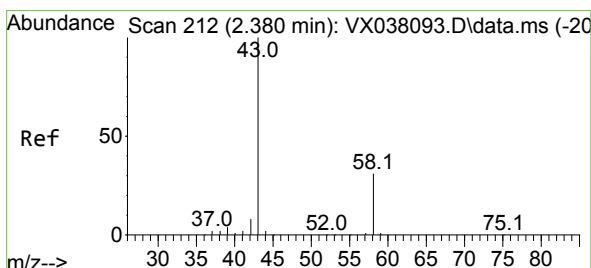
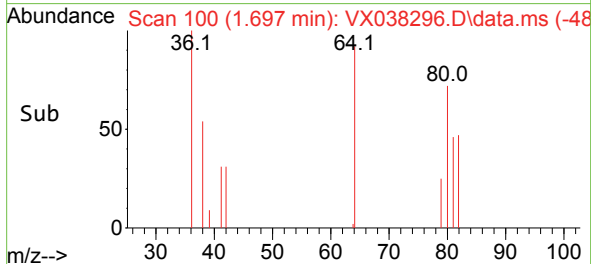
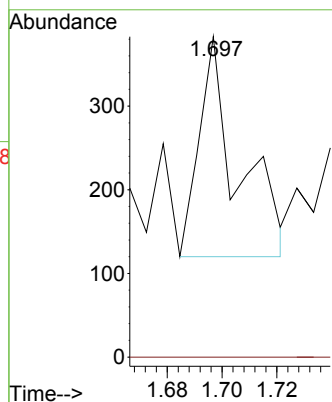


#6
Chloroethane
Concen: Below Cal
RT: 1.697 min Scan# 100
Delta R.T. 0.018 min
Lab File: VX038296.D
Acq: 16 Oct 2023 11:58

Instrument :
MSVOA_X
ClientSampleId :

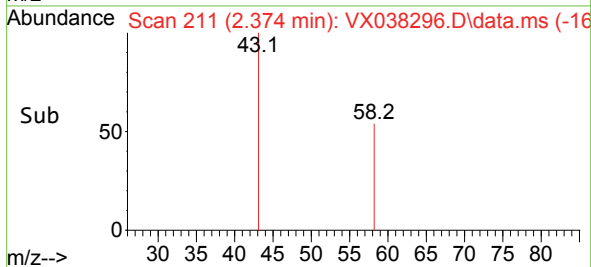
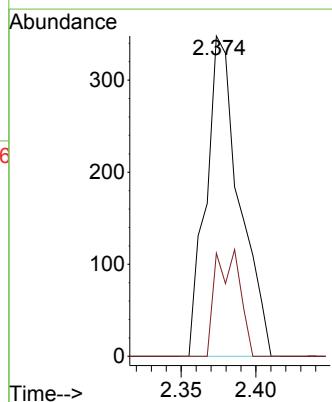
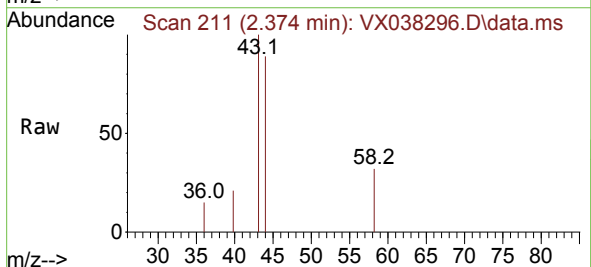


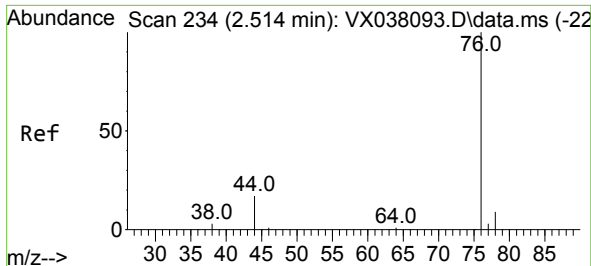
Tgt Ion: 64 Resp: 258
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#16
Acetone
Concen: 0.575 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX038296.D
Acq: 16 Oct 2023 11:58

Tgt Ion: 43 Resp: 539
Ion Ratio Lower Upper
43 100
58 32.2 21.9 32.9





#17

Carbon Disulfide

Concen: 0.408 ug/l

RT: 2.508 min Scan# 21

Delta R.T. -0.000 min

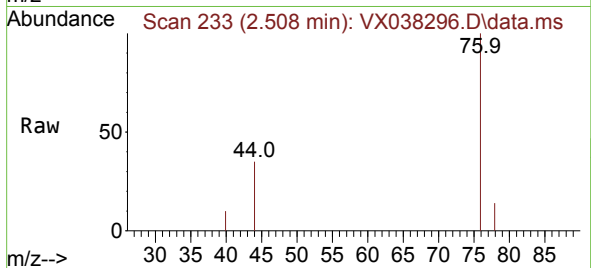
Lab File: VX038296.D

Acq: 16 Oct 2023 11:58

Instrument :

MSVOA_X

ClientSampleId :

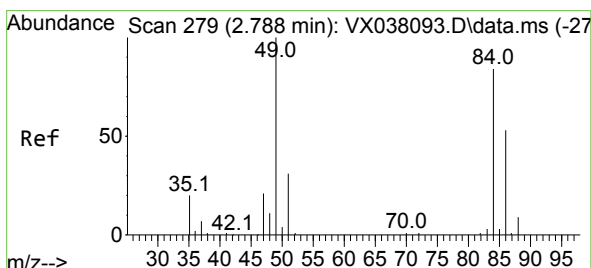
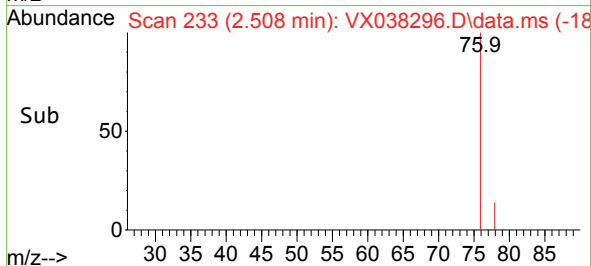
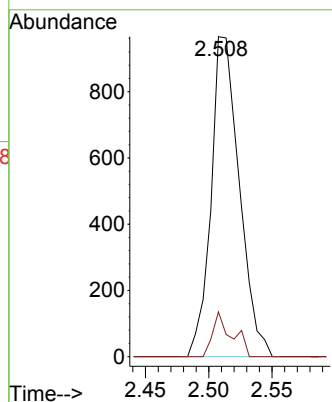


Tgt Ion: 76 Resp: 1503

Ion Ratio Lower Upper

76 100

78 14.0 7.0 10.6#



#20

Methylene Chloride

Concen: 0.324 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX038296.D

Acq: 16 Oct 2023 11:58

Tgt Ion: 84 Resp: 572

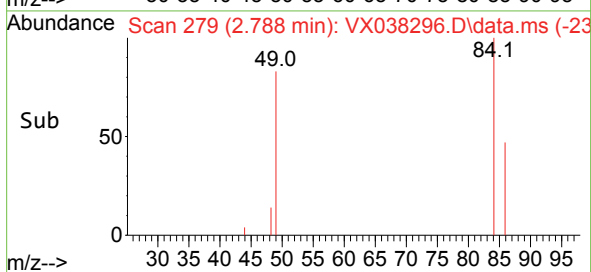
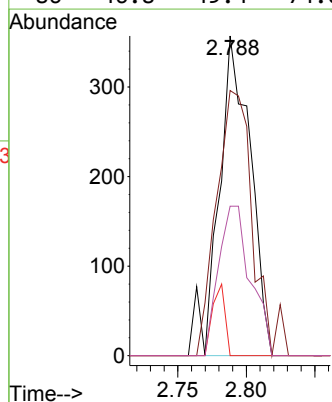
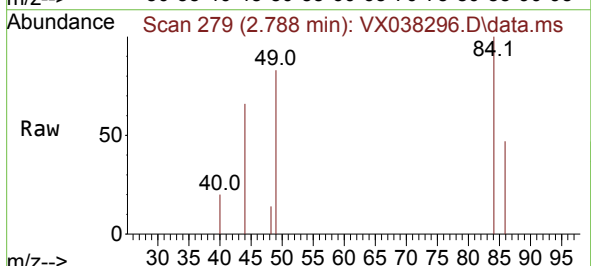
Ion Ratio Lower Upper

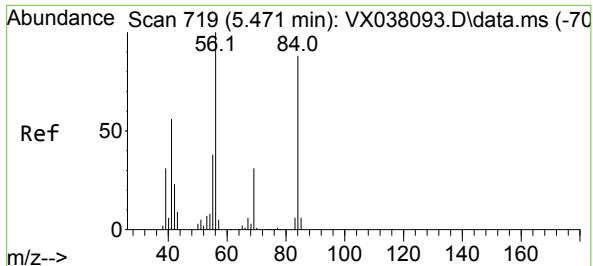
84 100

49 82.9 103.6 155.4#

51 0.0 33.8 50.6#

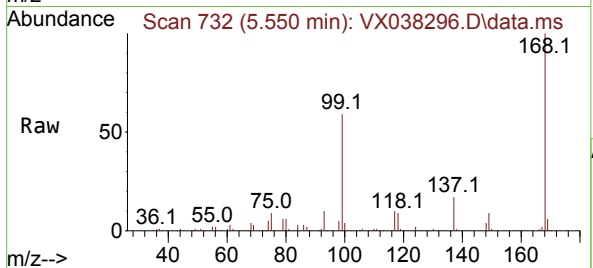
86 46.8 49.4 74.0#



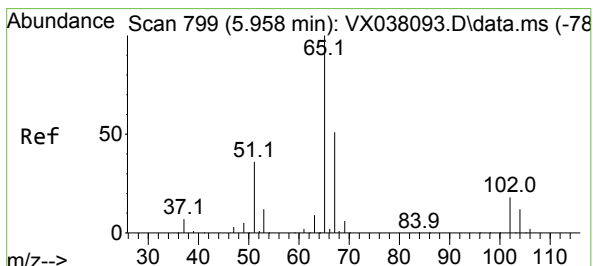
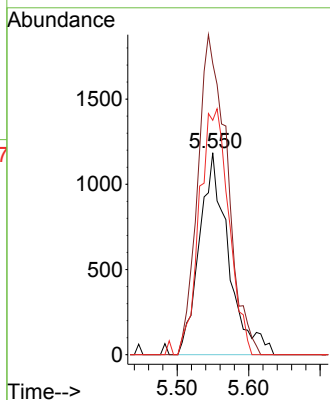
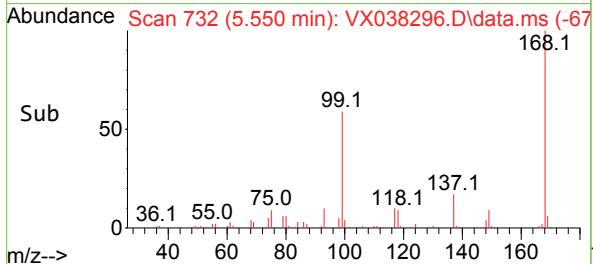


#31
Cyclohexane
Concen: 1.363 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX038296.D
Acq: 16 Oct 2023 11:58

Instrument :
MSVOA_X
ClientSampleId :

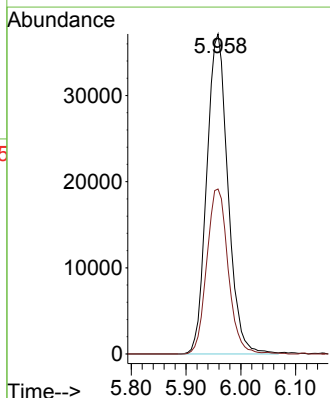
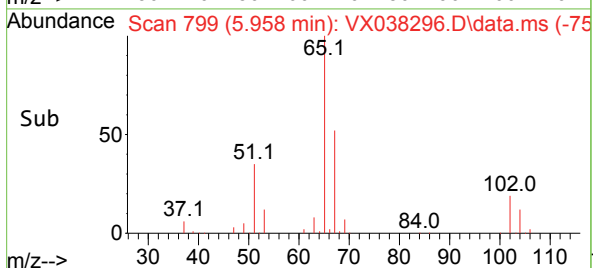
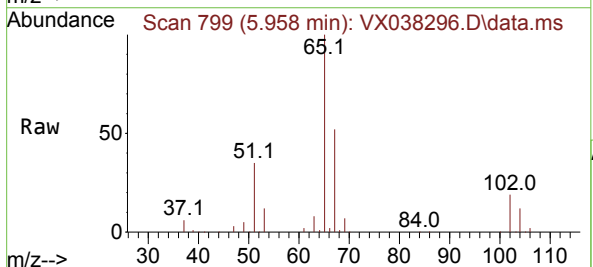


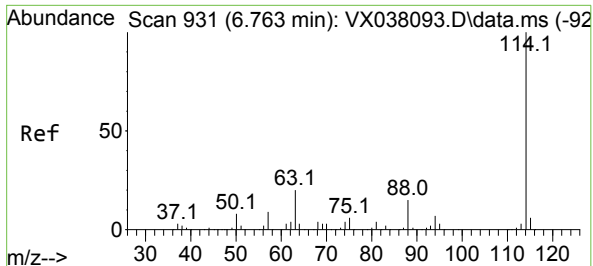
Tgt Ion: 56 Resp: 3318
Ion Ratio Lower Upper
56 100
69 144.2 23.4 35.2#
84 116.1 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 44.327 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038296.D
Acq: 16 Oct 2023 11:58

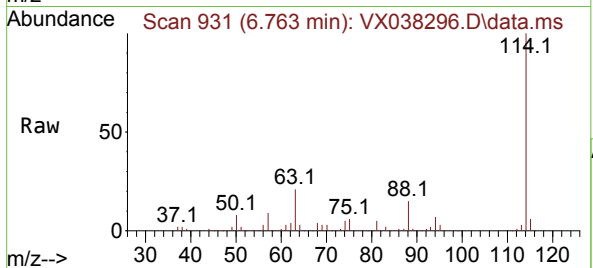
Tgt Ion: 65 Resp: 99629
Ion Ratio Lower Upper
65 100
67 52.1 0.0 100.2



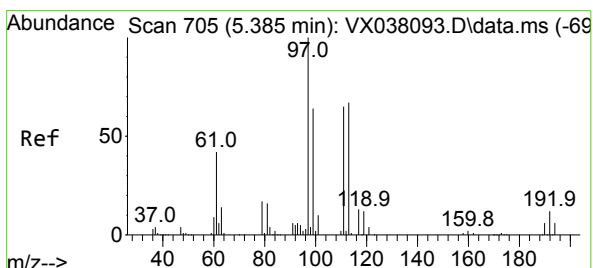
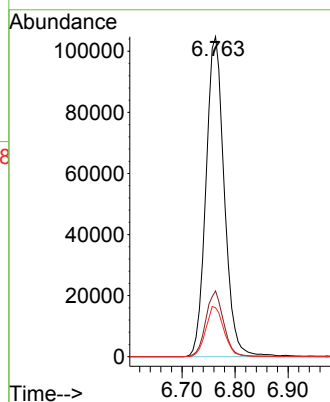
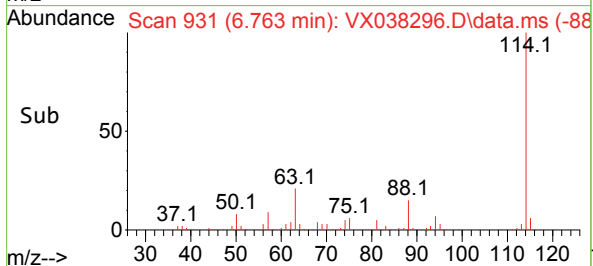


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX038296.D
Acq: 16 Oct 2023 11:58

Instrument :
MSVOA_X
ClientSampleId :

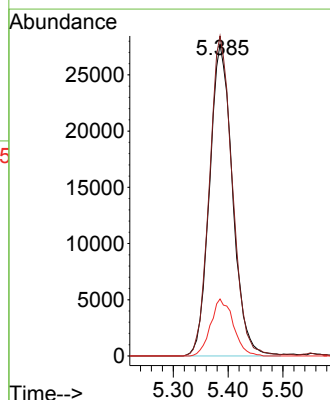
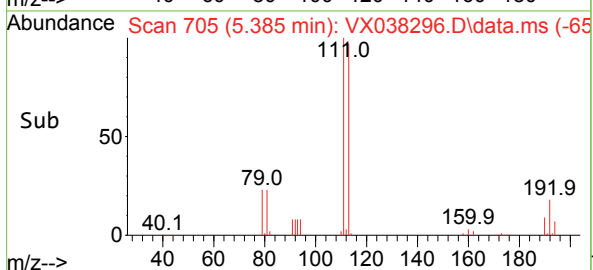
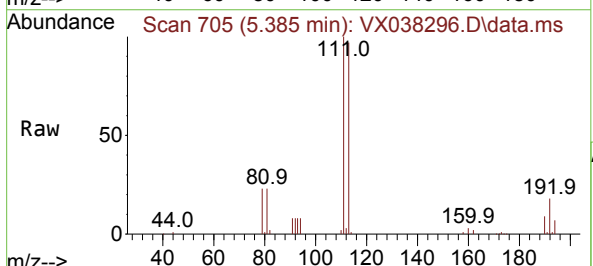


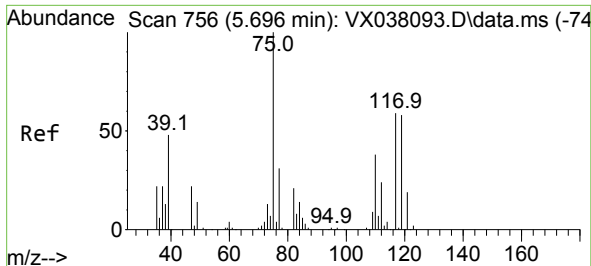
Tgt Ion:114 Resp: 251194
Ion Ratio Lower Upper
114 100
63 20.5 0.0 45.0
88 15.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.510 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038296.D
Acq: 16 Oct 2023 11:58

Tgt Ion:113 Resp: 80563
Ion Ratio Lower Upper
113 100
111 102.5 82.9 124.3
192 18.1 13.3 19.9

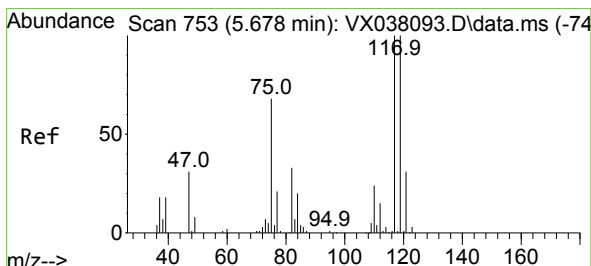
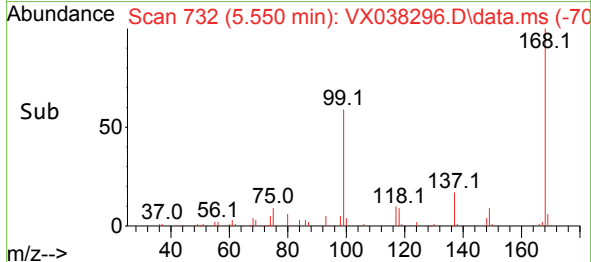
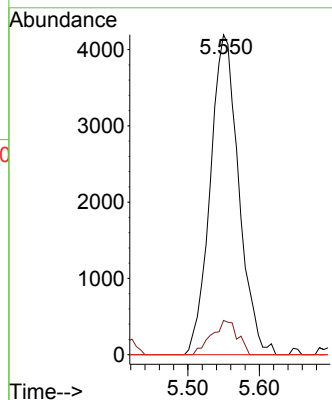
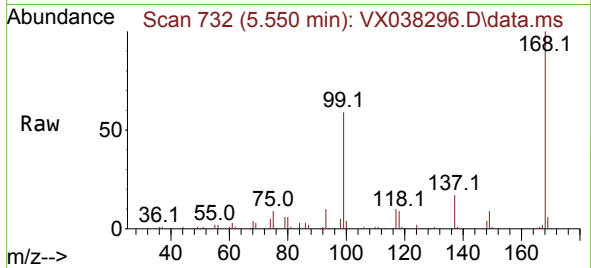




#36
1,1-Dichloropropene
Concen: 4.655 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX038296.D
Acq: 16 Oct 2023 11:58

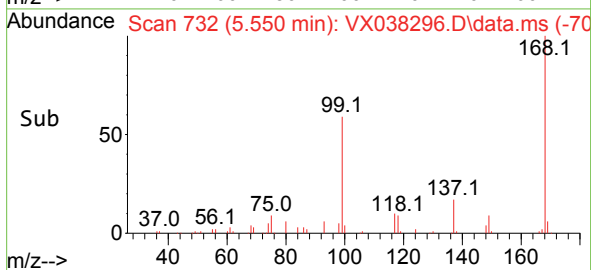
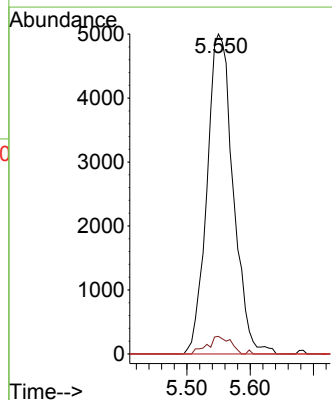
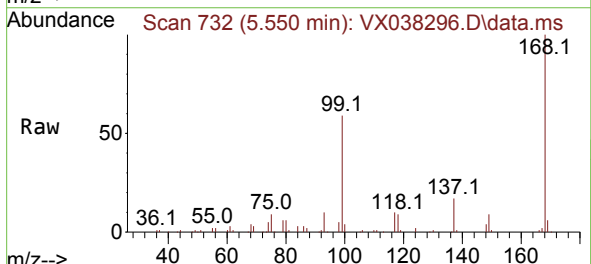
Instrument :
MSVOA_X
ClientSampleId :

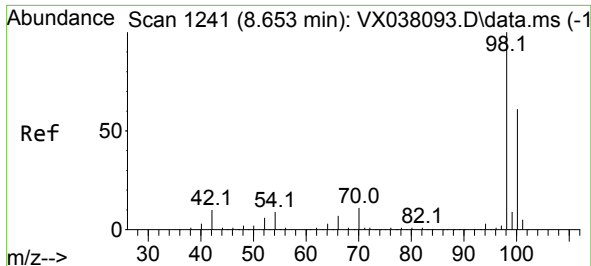
Tgt Ion: 75 Resp: 11620
Ion Ratio Lower Upper
75 100
110 9.7 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.875 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX038296.D
Acq: 16 Oct 2023 11:58

Tgt Ion: 117 Resp: 14425
Ion Ratio Lower Upper
117 100
119 5.5 78.2 117.2#
121 0.0 24.4 36.6#

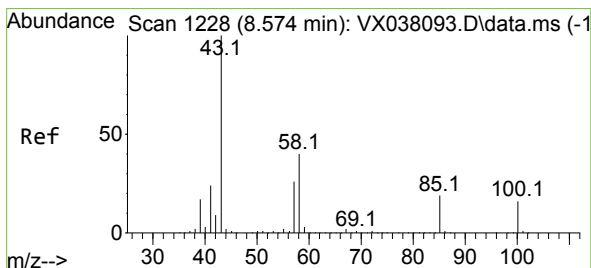
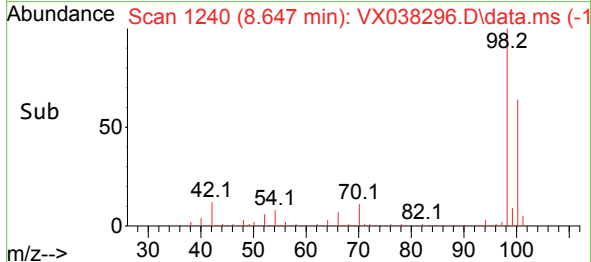
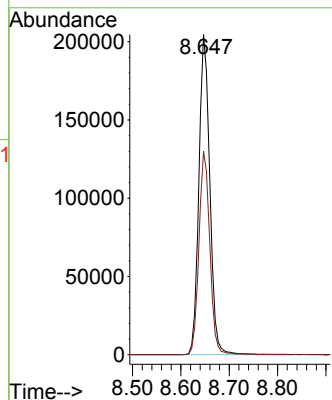
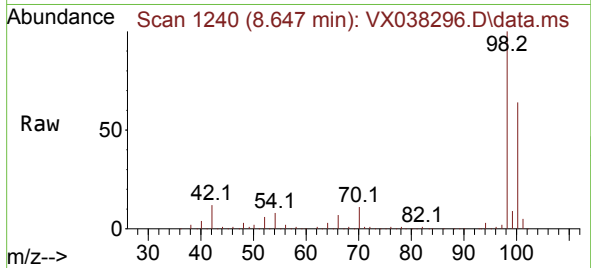




#50
Toluene-d8
Concen: 46.292 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX038296.D
Acq: 16 Oct 2023 11:58

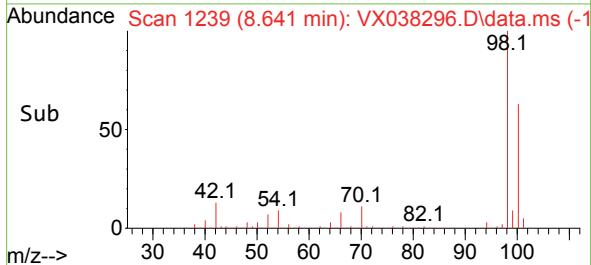
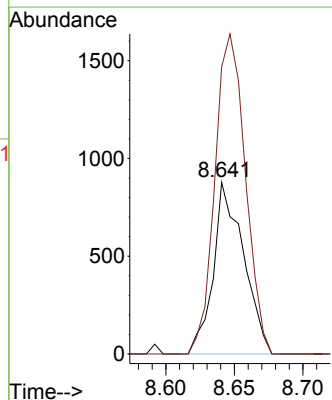
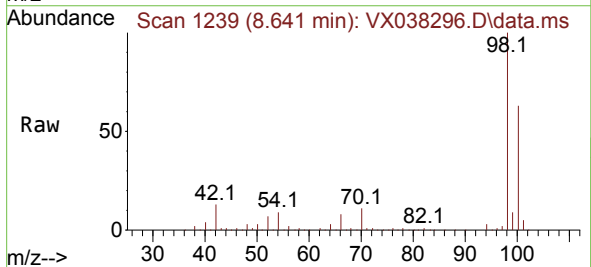
Instrument :
MSVOA_X
ClientSampleId :

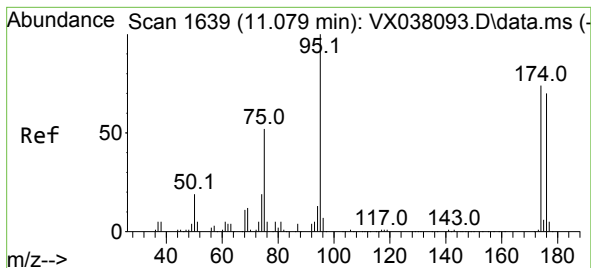
Tgt Ion: 98 Resp: 320182
Ion Ratio Lower Upper
98 100
100 63.3 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.441 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX038296.D
Acq: 16 Oct 2023 11:58

Tgt Ion: 43 Resp: 1347
Ion Ratio Lower Upper
43 100
58 188.3 30.4 45.6#

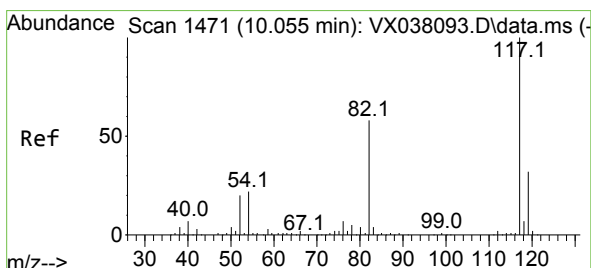
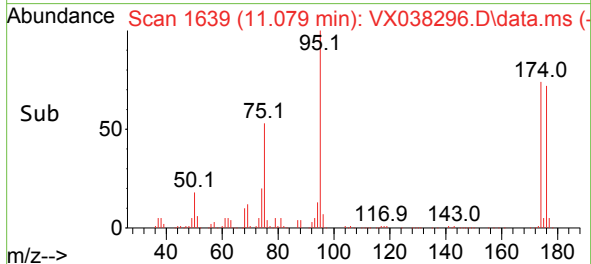
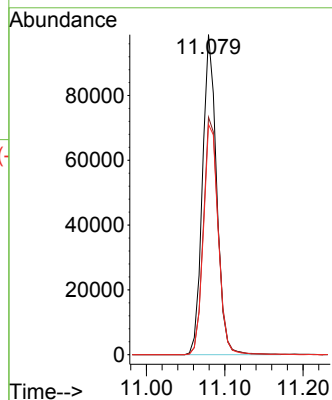
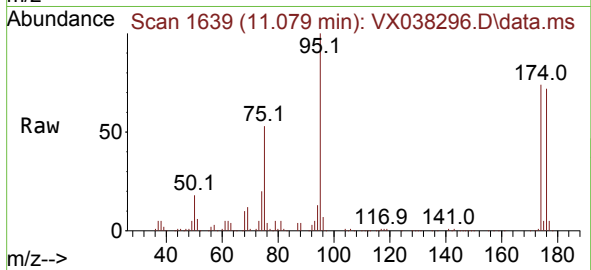




#62
4-Bromofluorobenzene
Concen: 47.189 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038296.D
Acq: 16 Oct 2023 11:58

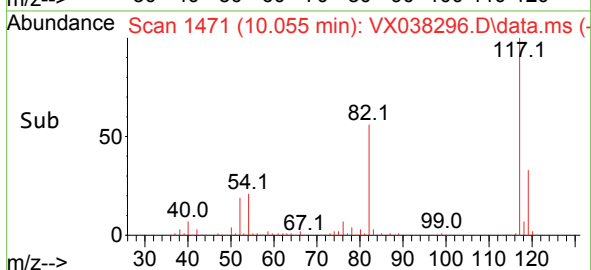
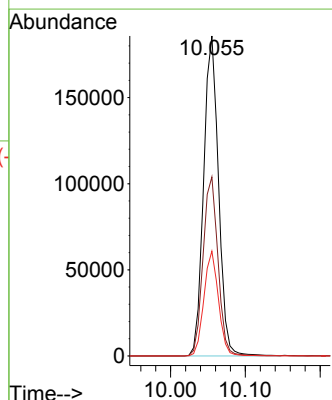
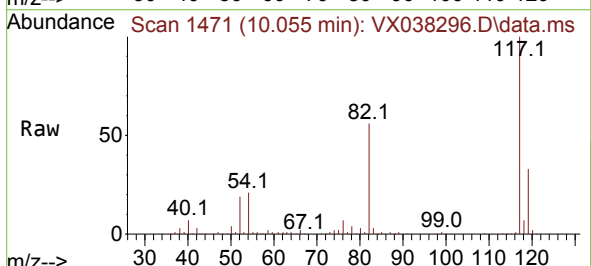
Instrument :
MSVOA_X
ClientSampleId :

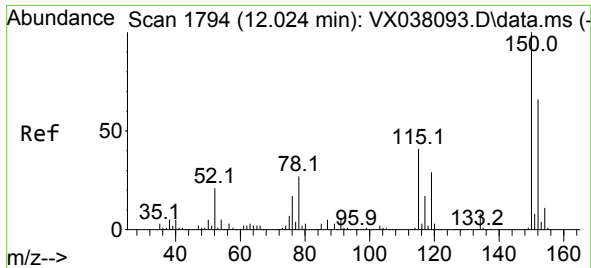
Tgt Ion: 95 Resp: 123735
Ion Ratio Lower Upper
95 100
174 77.7 0.0 135.6
176 75.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038296.D
Acq: 16 Oct 2023 11:58

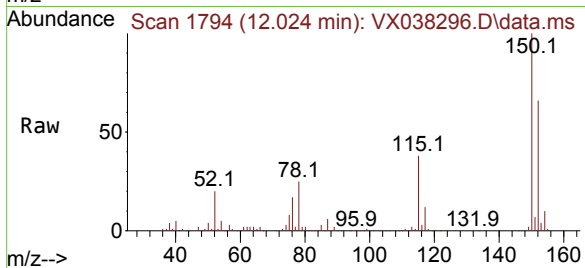
Tgt Ion: 117 Resp: 256825
Ion Ratio Lower Upper
117 100
82 55.9 46.2 69.4
119 32.7 25.5 38.3



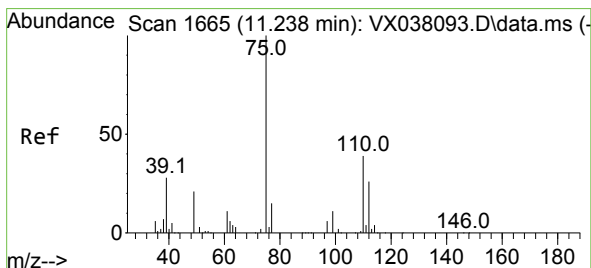
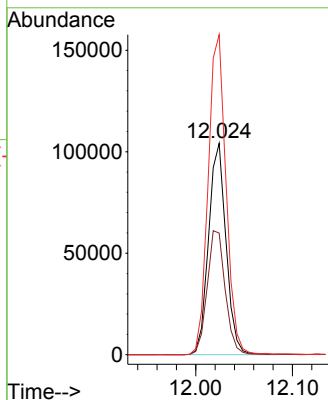
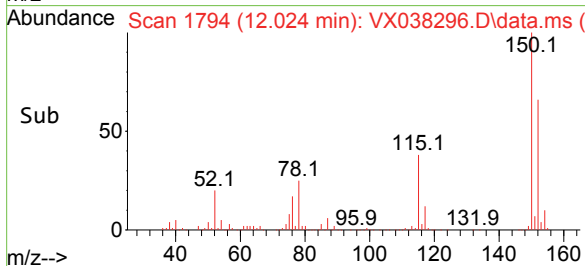


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VX038296.D
 Acq: 16 Oct 2023 11:58

Instrument :
 MSVOA_X
 ClientSampleId :

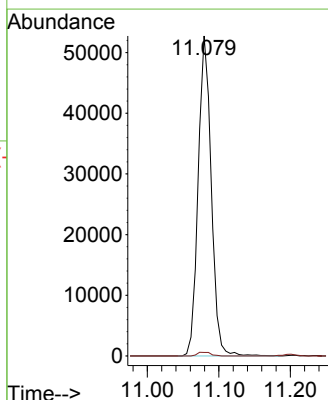
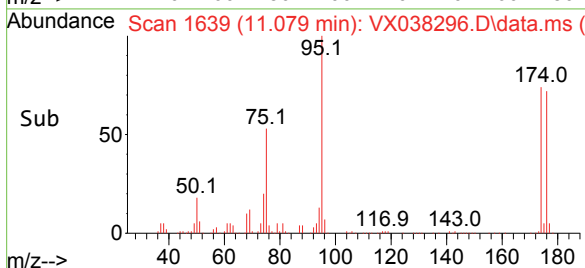
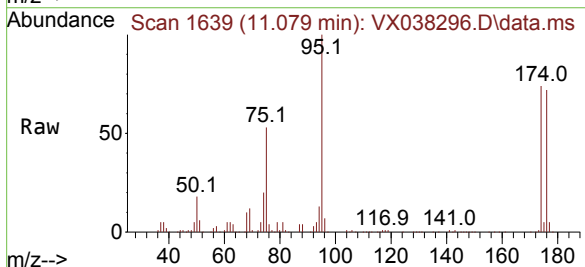


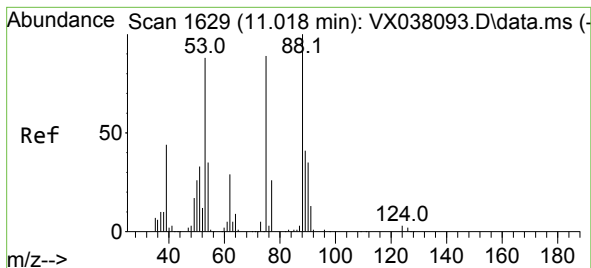
Tgt Ion:152 Resp: 131140
 Ion Ratio Lower Upper
 152 100
 115 60.8 43.3 129.9
 150 154.6 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 22.457 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX038296.D
 Acq: 16 Oct 2023 11:58

Tgt Ion: 75 Resp: 66951
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#

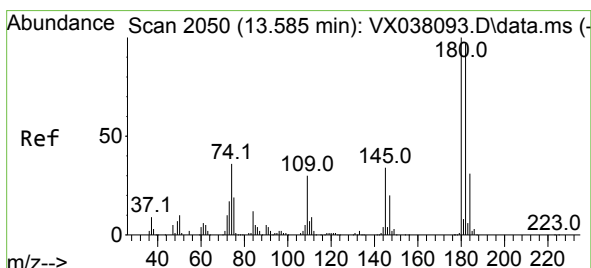
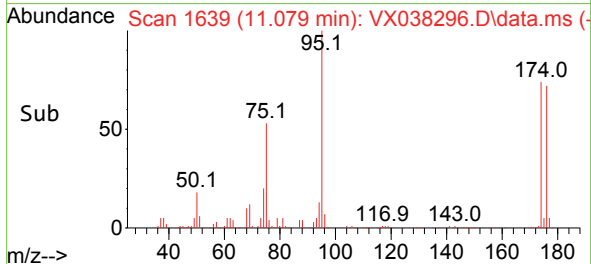
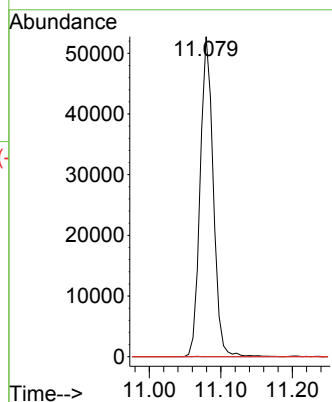
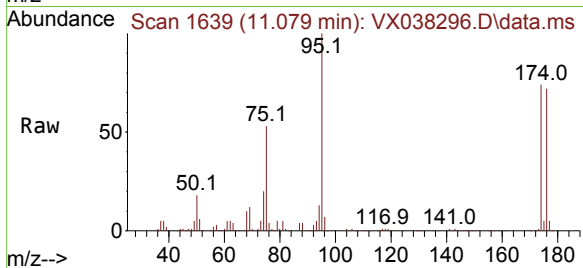




#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.317 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX038296.D
 Acq: 16 Oct 2023 11:58

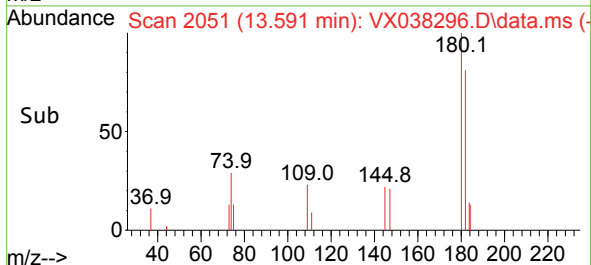
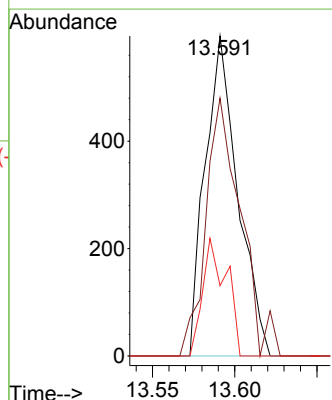
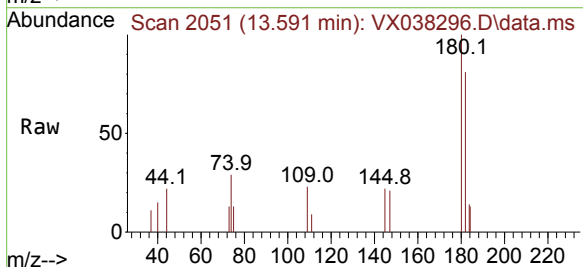
Instrument :
 MSVOA_X
 ClientSampleId :

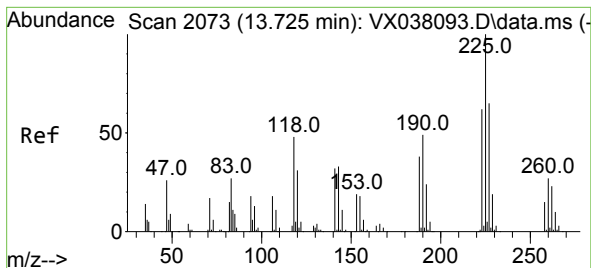
Tgt Ion: 75 Resp: 66951
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.296 ug/l
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.006 min
 Lab File: VX038296.D
 Acq: 16 Oct 2023 11:58

Tgt Ion:180 Resp: 822
 Ion Ratio Lower Upper
 180 100
 182 85.9 48.3 144.8
 145 26.9 18.0 54.0





#94

Hexachlorobutadiene

Concen: 0.250 ug/l

RT: 13.719 min Scan# 2073

Delta R.T. -0.006 min

Lab File: VX038296.D

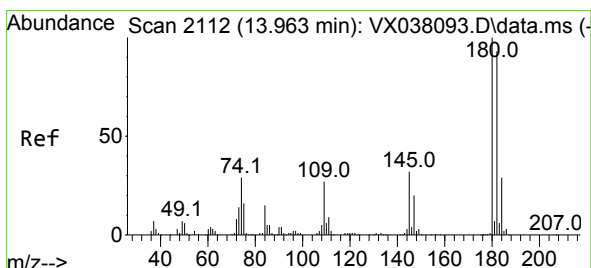
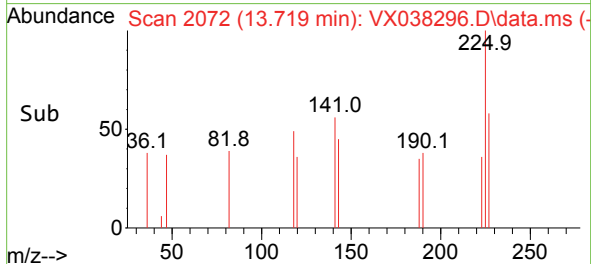
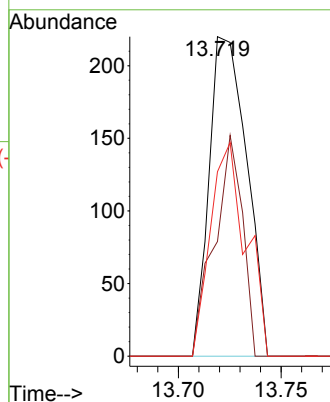
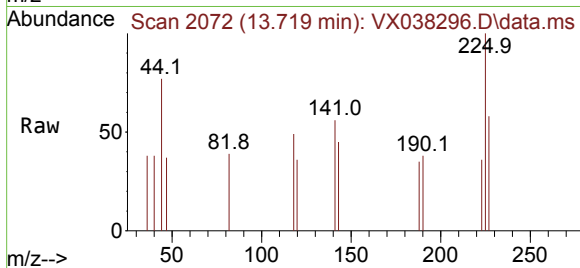
Acq: 16 Oct 2023 11:58

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:225	Resp:	280
Ion Ratio	Lower	Upper
225	100	
223	51.4	31.1 93.2
227	63.2	32.5 97.5



#96

1,2,3-Trichlorobenzene

Concen: 0.219 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX038296.D

Acq: 16 Oct 2023 11:58

Tgt Ion:180	Resp:	589
Ion Ratio	Lower	Upper
180	100	
182	105.1	46.9 140.6
145	17.3	17.8 53.5

