

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070623\
 Data File : VX036428.D
 Acq On : 06 Jul 2023 12:19
 Operator : JC/MD
 Sample : 03500-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-062923

Quant Time: Jul 07 01:45:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 15:03:28 2023
 Response via : Initial Calibration

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

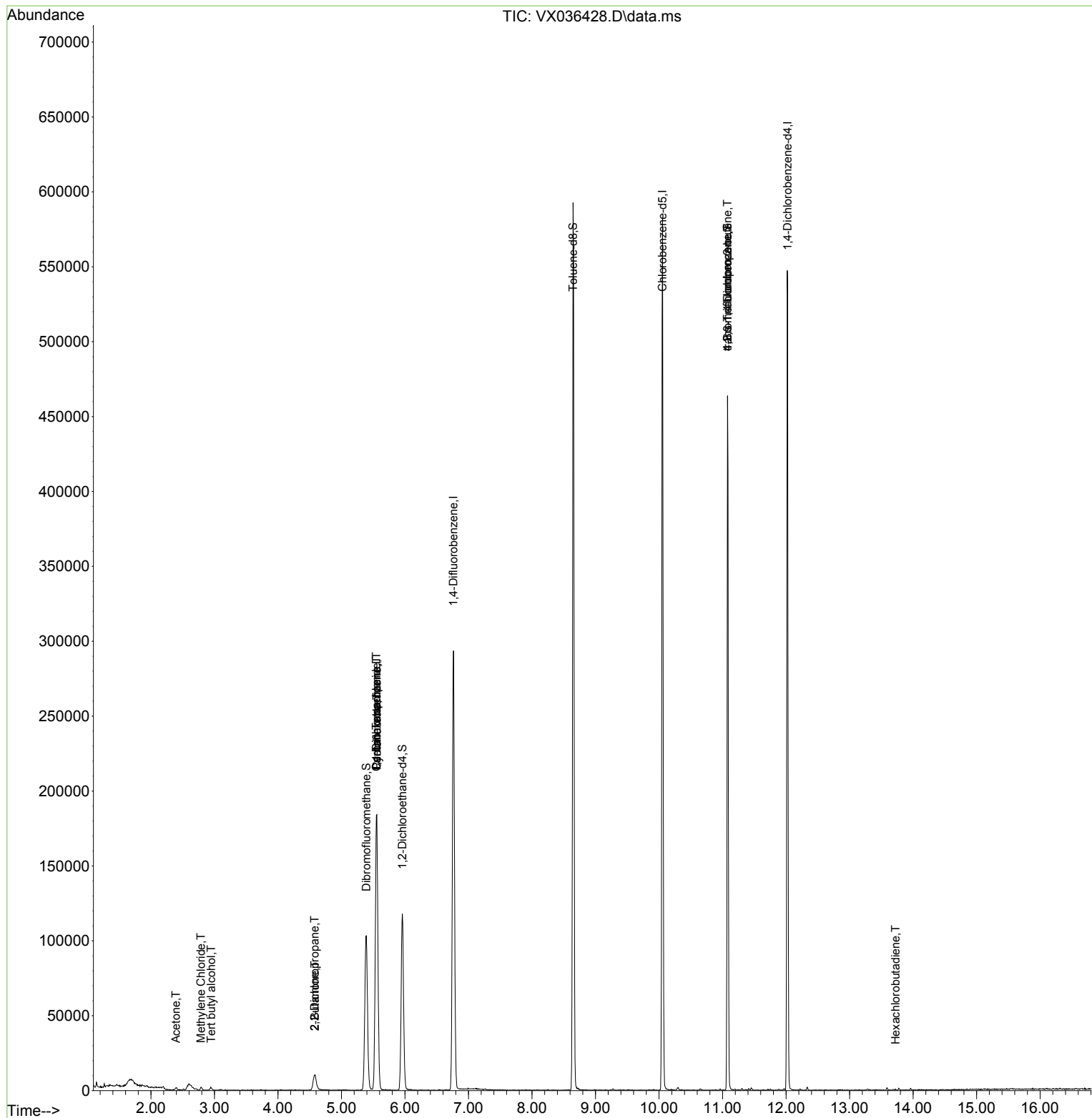
Internal Standards						
1) Pentafluorobenzene	5.556	168	176187	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	295170	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	261963	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	115469	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	112421	44.514	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.020%
35) Dibromofluoromethane	5.391	113	92811	47.687	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.380%
50) Toluene-d8	8.647	98	352648	48.512	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.020%
62) 4-Bromofluorobenzene	11.079	95	119728	46.760	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.520%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	1057	2.299	ug/l #	78
16) Acetone	2.392	43	2182	2.021	ug/l #	87
20) Methylene Chloride	2.788	84	1004	0.432	ug/l	89
25) 2-Butanone	4.580	43	1041	0.671	ug/l #	51
26) 2,2-Dichloropropane	4.574	77	729	0.267	ug/l #	54
31) Cyclohexane	5.556	56	3864	1.194	ug/l #	5
36) 1,1-Dichloropropene	5.550	75	13936	4.804	ug/l #	48
38) Carbon Tetrachloride	5.550	117	17724	6.689	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	62803	25.499	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	62803	83.119	ug/l #	5
94) Hexachlorobutadiene	13.725	225	206	0.211	ug/l	77

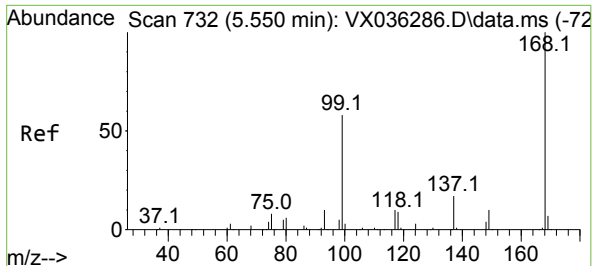
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070623\
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ClientSampleId :
TB-062923

Quant Time: Jul 07 01:45:39 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062323W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 23 15:03:28 2023
Response via : Initial Calibration

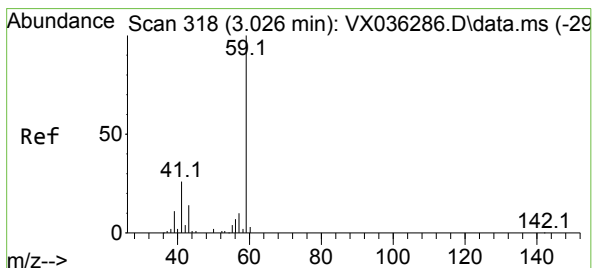
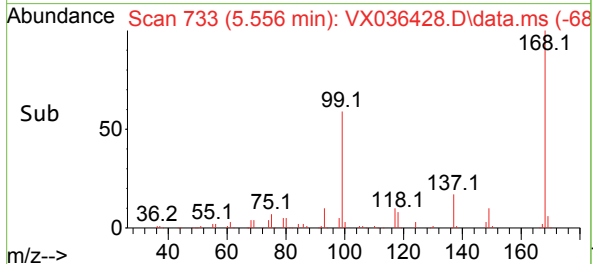
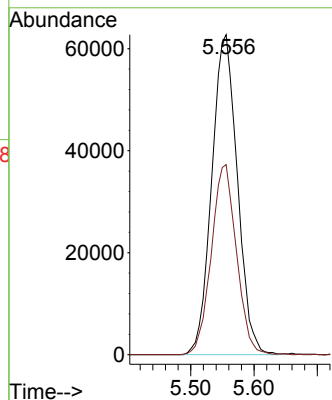
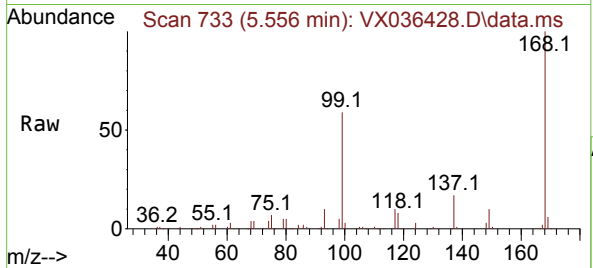




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX036428.D
Acq: 06 Jul 2023 12:19

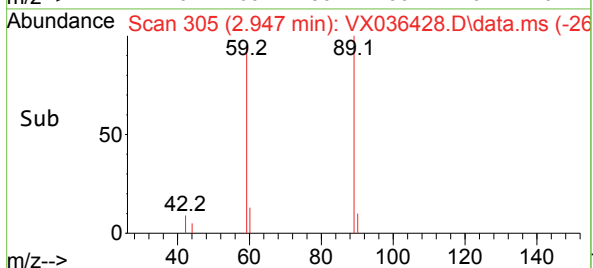
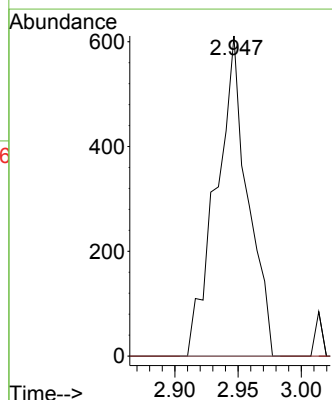
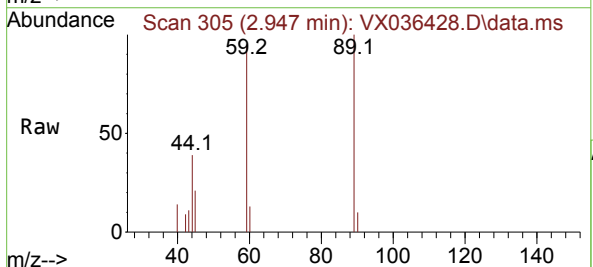
Instrument :
MSVOA_X
ClientSampleId :
TB-062923

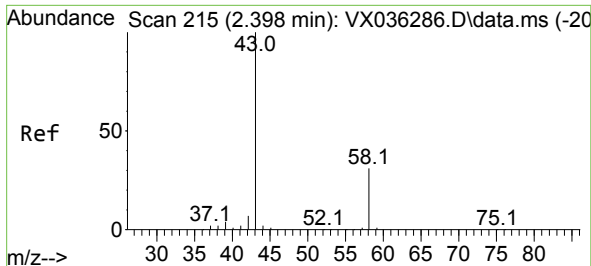
Tgt Ion:168 Resp: 176187
Ion Ratio Lower Upper
168 100
99 59.4 56.6 85.0



#11
Tert butyl alcohol
Concen: 2.299 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.066 min
Lab File: VX036428.D
Acq: 06 Jul 2023 12:19

Tgt Ion: 59 Resp: 1057
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

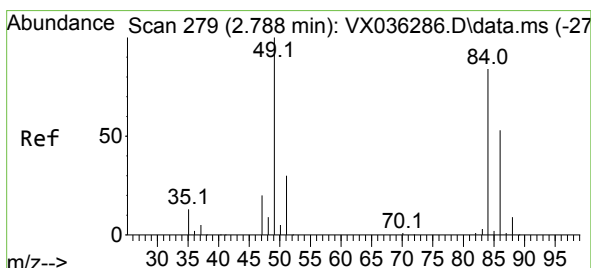
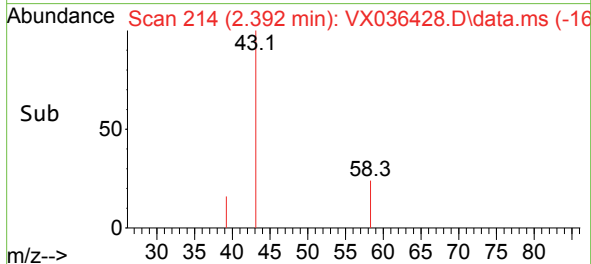
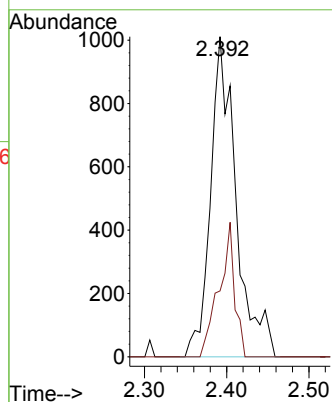
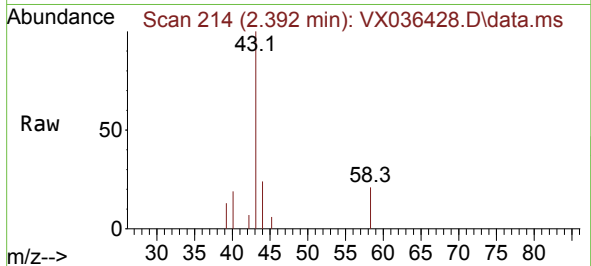




#16
Acetone
Concen: 2.021 ug/l
RT: 2.392 min Scan# 215
Delta R.T. -0.012 min
Lab File: VX036428.D
Acq: 06 Jul 2023 12:19

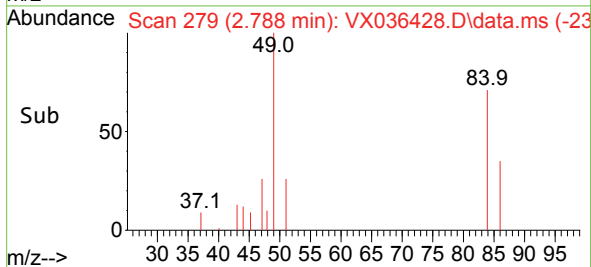
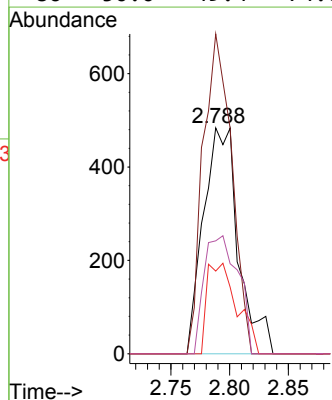
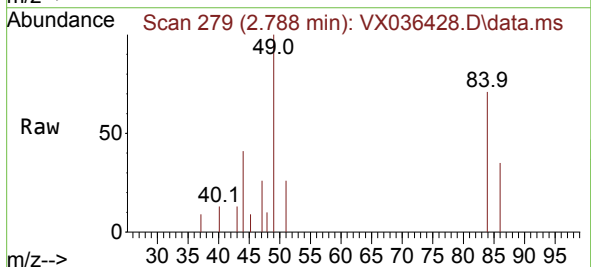
Instrument :
MSVOA_X
ClientSampleId :
TB-062923

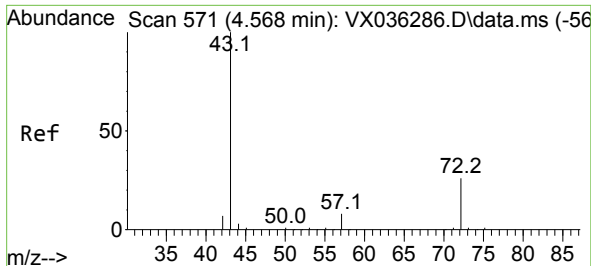
Tgt Ion: 43 Resp: 2182
Ion Ratio Lower Upper
43 100
58 20.6 21.9 32.9#



#20
Methylene Chloride
Concen: 0.432 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX036428.D
Acq: 06 Jul 2023 12:19

Tgt Ion: 84 Resp: 1004
Ion Ratio Lower Upper
84 100
49 141.5 103.6 155.4
51 36.6 33.8 50.6
86 50.0 49.4 74.0

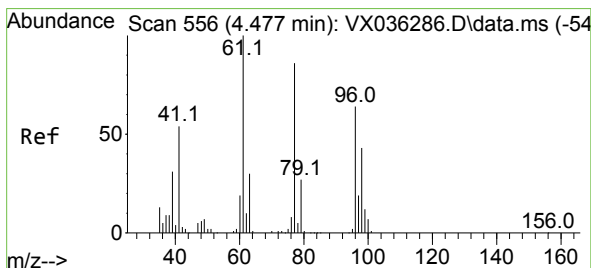
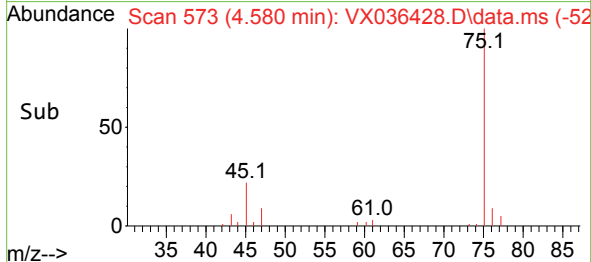
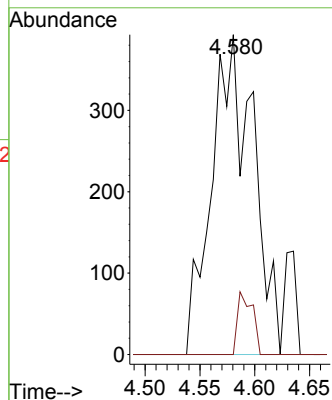
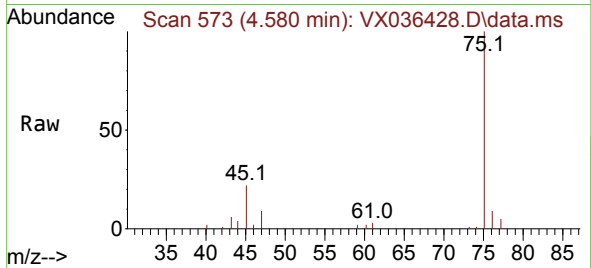




#25
2-Butanone
Concen: 0.671 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX036428.D
Acq: 06 Jul 2023 12:19

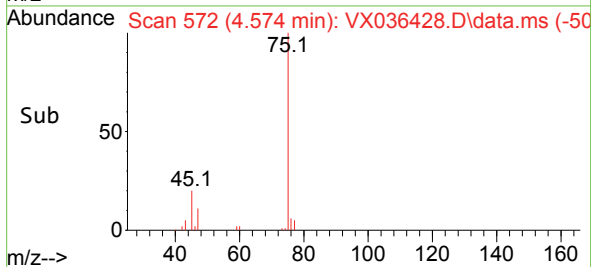
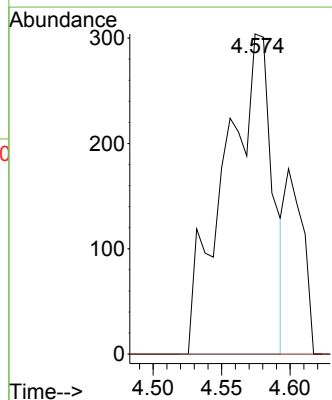
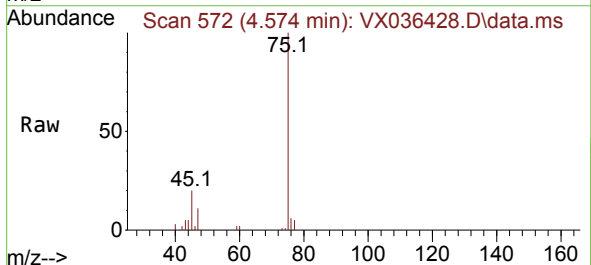
Instrument :
MSVOA_X
ClientSampleId :
TB-062923

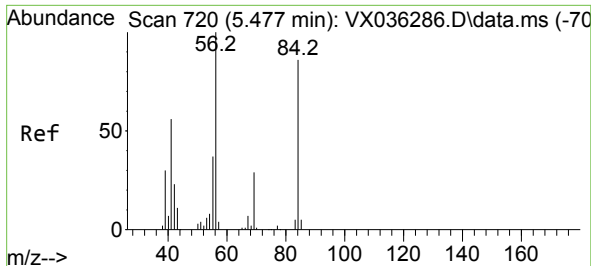
Tgt Ion: 43 Resp: 1041
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#26
2,2-Dichloropropane
Concen: 0.267 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.097 min
Lab File: VX036428.D
Acq: 06 Jul 2023 12:19

Tgt Ion: 77 Resp: 729
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.3#

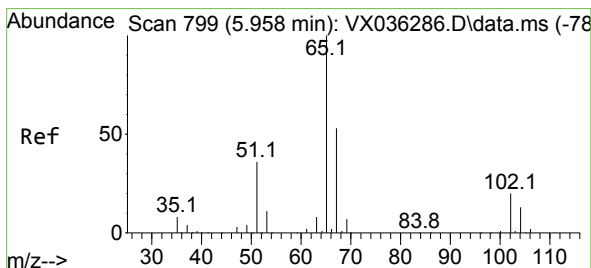
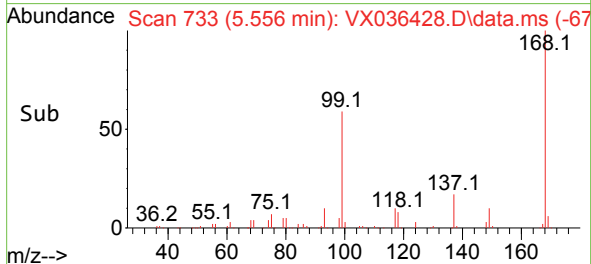
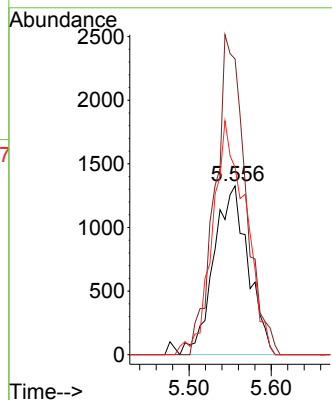
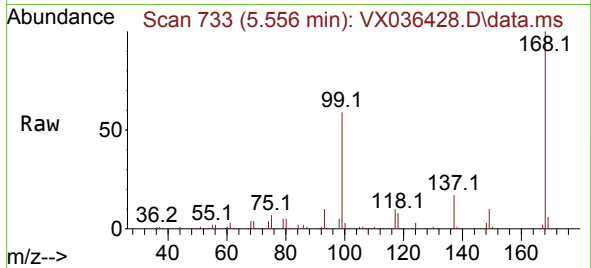




#31
Cyclohexane
Concen: 1.194 ug/l
RT: 5.556 min Scan# 711
Delta R.T. 0.086 min
Lab File: VX036428.D
Acq: 06 Jul 2023 12:19

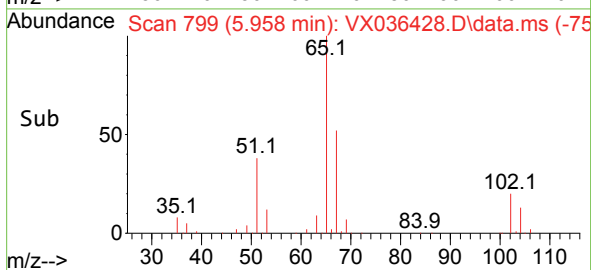
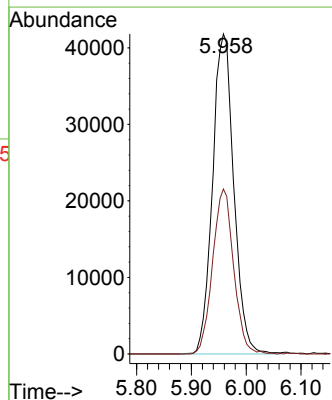
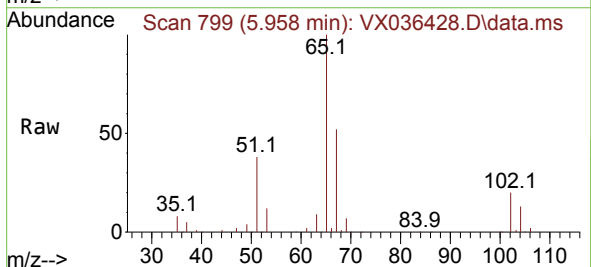
Instrument :
MSVOA_X
ClientSampleId :
TB-062923

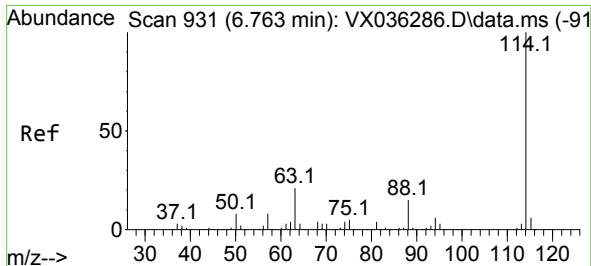
Tgt Ion: 56 Resp: 3864
Ion Ratio Lower Upper
56 100
69 175.1 23.4 35.2#
84 110.9 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 44.514 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX036428.D
Acq: 06 Jul 2023 12:19

Tgt Ion: 65 Resp: 112421
Ion Ratio Lower Upper
65 100
67 51.1 0.0 100.2

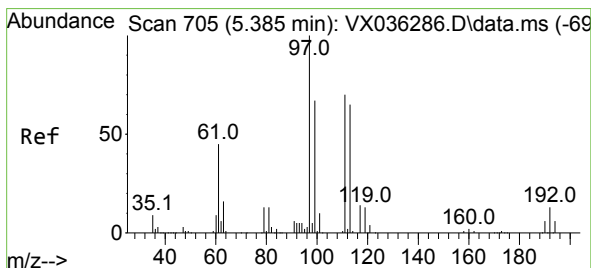
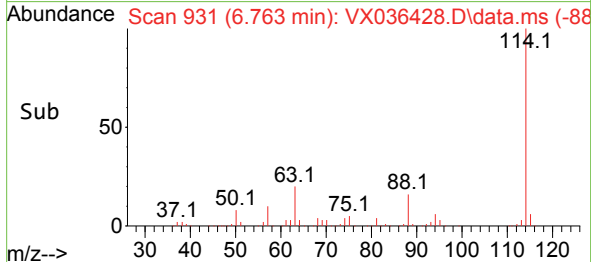
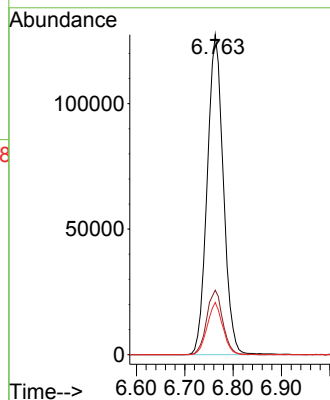
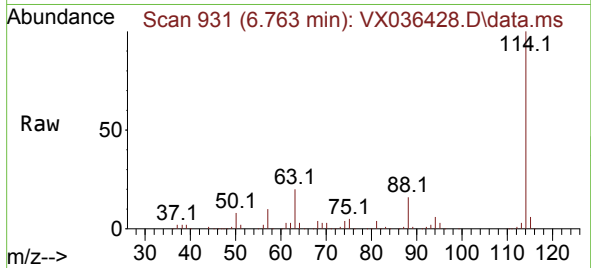




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX036428.D
Acq: 06 Jul 2023 12:19

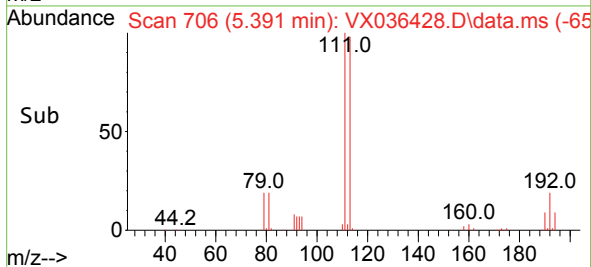
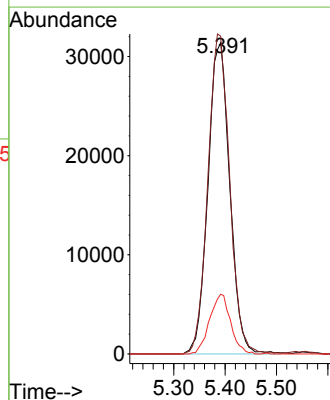
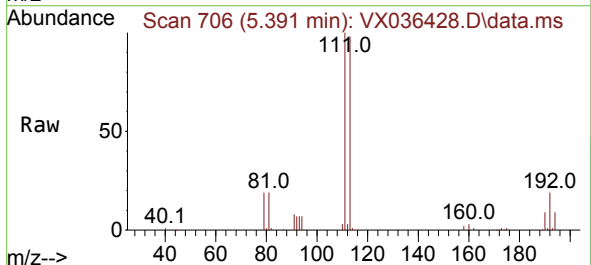
Instrument :
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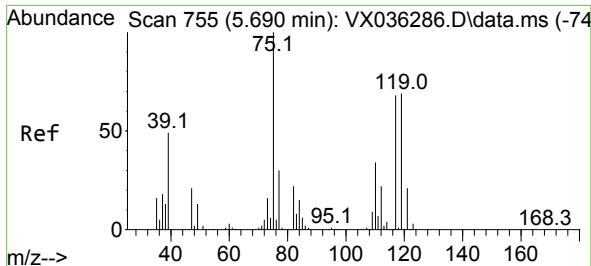
Tgt Ion:114 Resp: 295170
Ion Ratio Lower Upper
114 100
63 20.1 0.0 45.0
88 16.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.687 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX036428.D
Acq: 06 Jul 2023 12:19

Tgt Ion:113 Resp: 92811
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 18.4 13.3 19.9

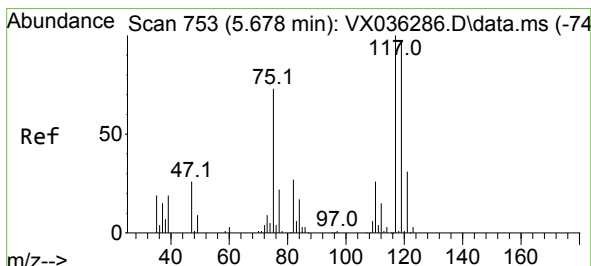
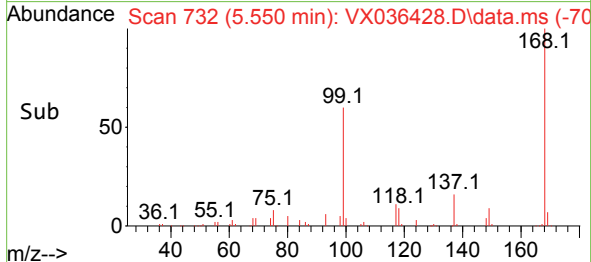
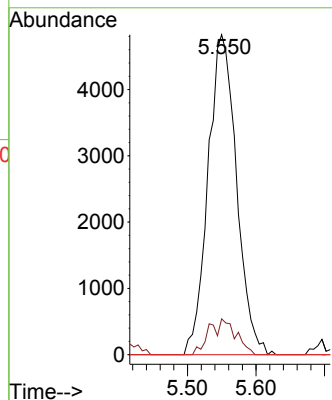
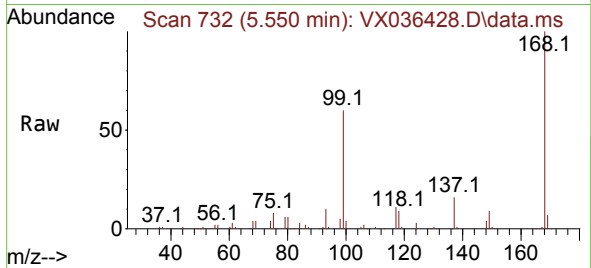




#36
1,1-Dichloropropene
Concen: 4.804 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX036428.D
Acq: 06 Jul 2023 12:19

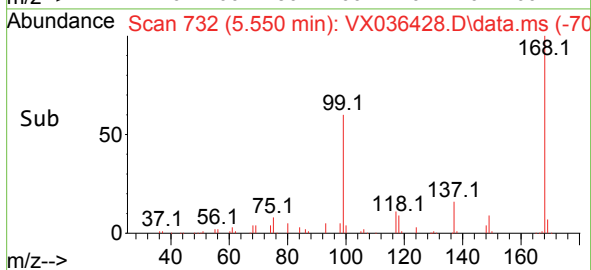
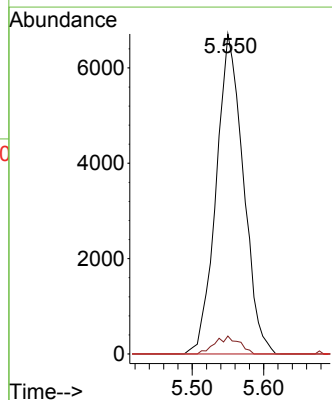
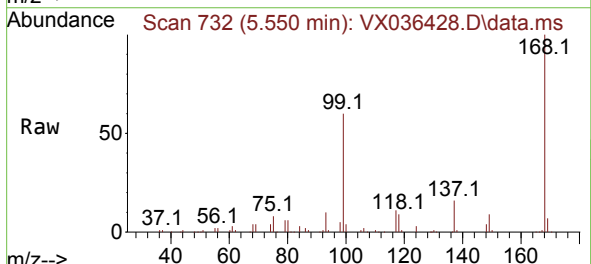
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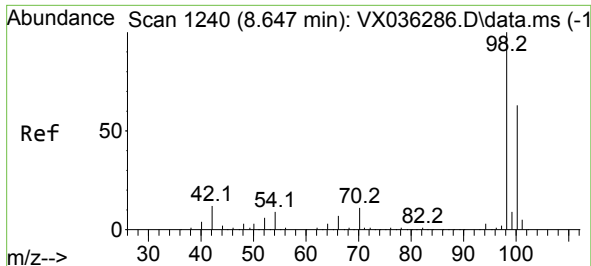
Tgt Ion: 75 Resp: 13936
Ion Ratio Lower Upper
75 100
110 6.4 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.689 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX036428.D
Acq: 06 Jul 2023 12:19

Tgt Ion: 117 Resp: 17724
Ion Ratio Lower Upper
117 100
119 5.6 78.2 117.2#
121 0.0 24.4 36.6#

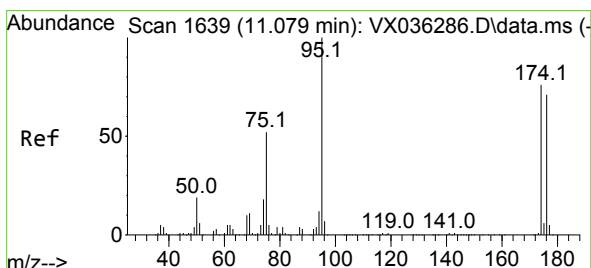
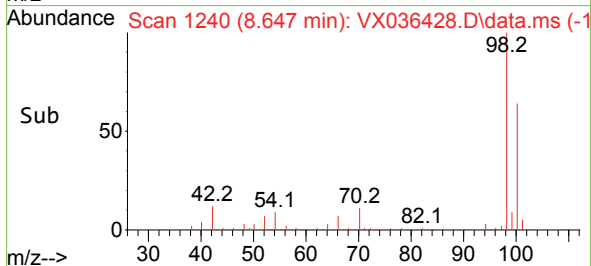
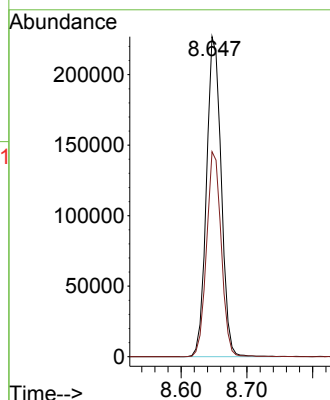
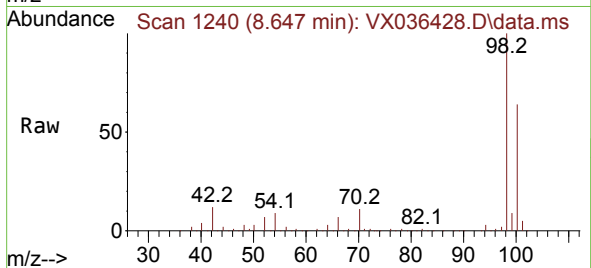




#50
Toluene-d8
Concen: 48.512 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX036428.D
Acq: 06 Jul 2023 12:19

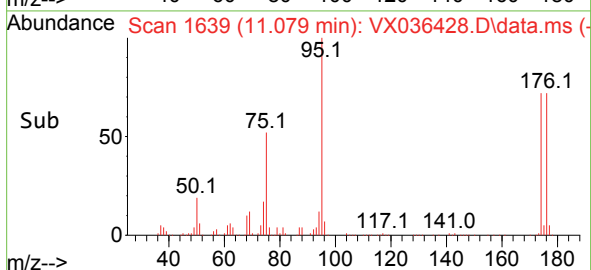
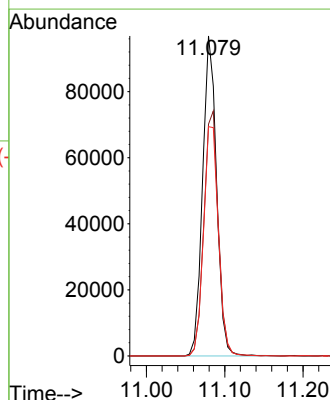
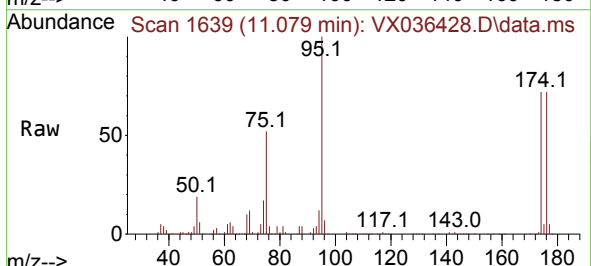
Instrument :
MSVOA_X
ClientSampleId :
TB-062923

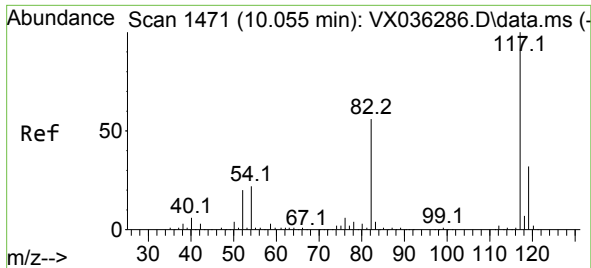
Tgt Ion: 98 Resp: 352648
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 46.760 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX036428.D
Acq: 06 Jul 2023 12:19

Tgt Ion: 95 Resp: 119728
Ion Ratio Lower Upper
95 100
174 79.1 0.0 135.6
176 76.6 0.0 131.0

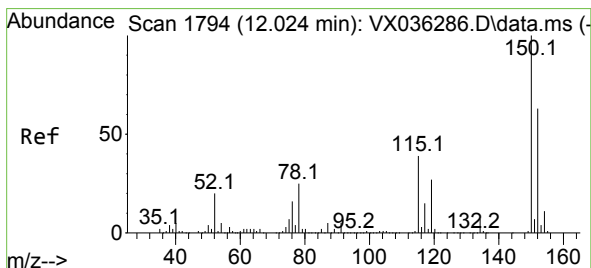
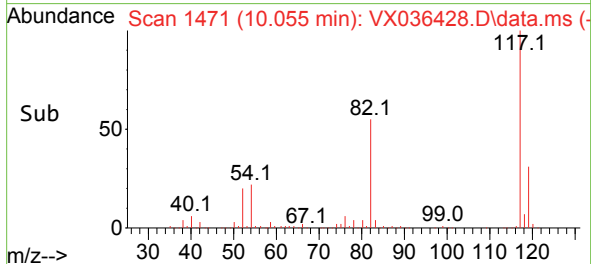
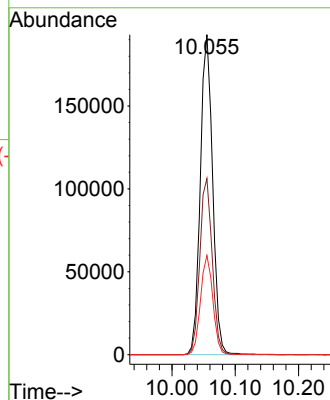
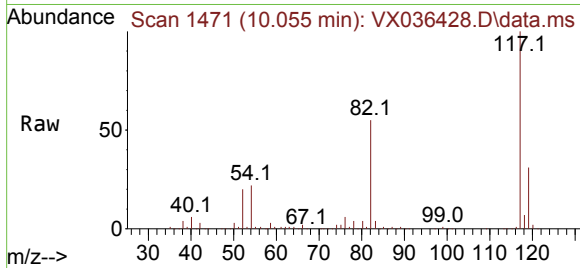




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036428.D
Acq: 06 Jul 2023 12:19

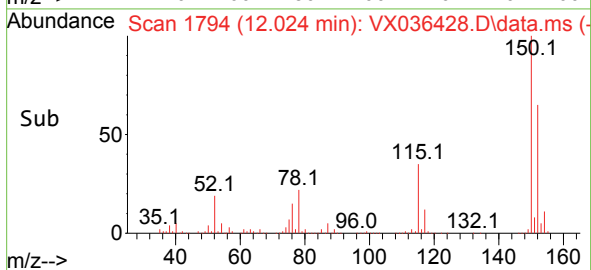
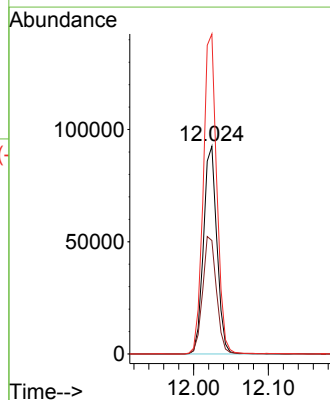
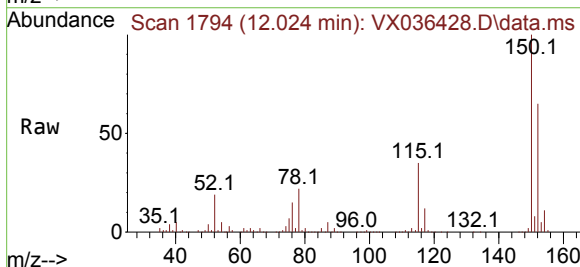
Instrument :
MSVOA_X
ClientSampleId :
TB-062923

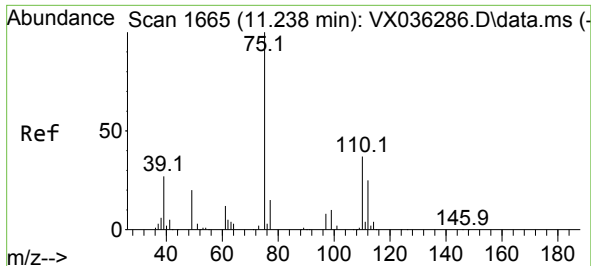
Tgt Ion:117 Resp: 261963
Ion Ratio Lower Upper
117 100
82 55.1 46.2 69.4
119 31.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036428.D
Acq: 06 Jul 2023 12:19

Tgt Ion:152 Resp: 115469
Ion Ratio Lower Upper
152 100
115 58.3 43.3 129.9
150 155.4 0.0 345.0

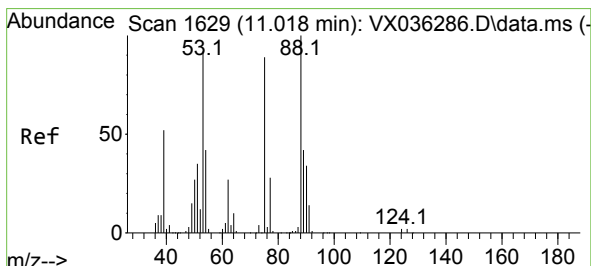
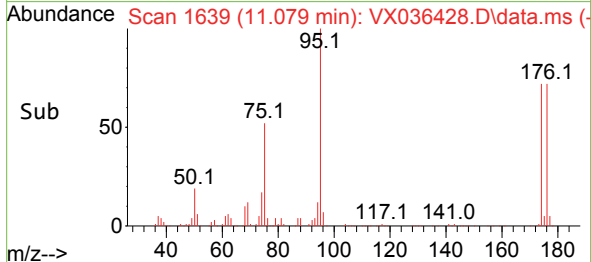
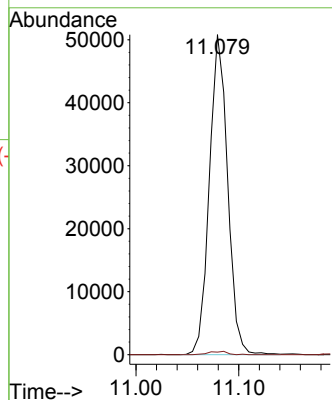
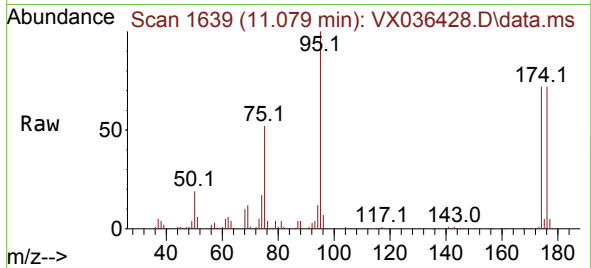




#76
1,2,3-Trichloropropane
Concen: 25.499 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX036428.D
Acq: 06 Jul 2023 12:19

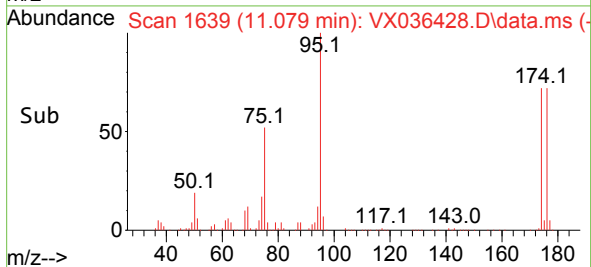
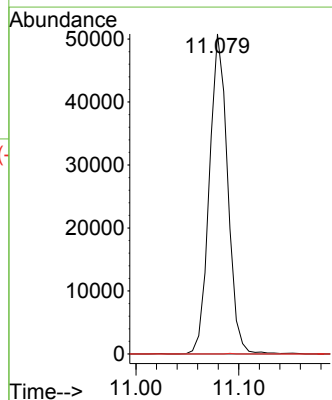
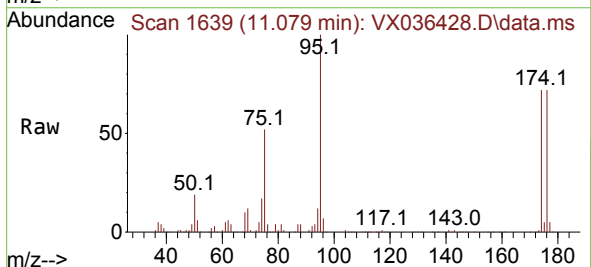
Instrument :
MSVOA_X
ClientSampleId :
TB-062923

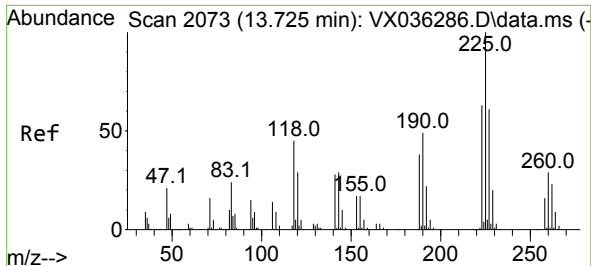
Tgt Ion: 75 Resp: 62803
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 83.119 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX036428.D
Acq: 06 Jul 2023 12:19

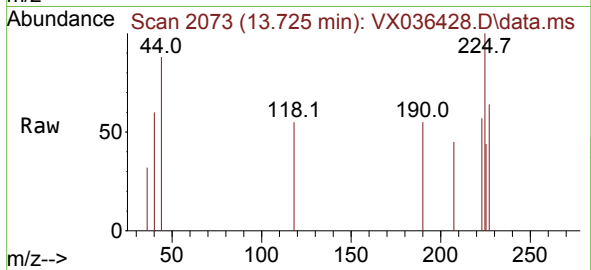
Tgt Ion: 75 Resp: 62803
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.1 36.9 55.3#





#94
 Hexachlorobutadiene
 Concen: 0.211 ug/l
 RT: 13.725 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VX036428.D
 Acq: 06 Jul 2023 12:19

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-062923



Tgt Ion:	225	Resp:	206
Ion	Ratio	Lower	Upper
225	100		
223	49.0	31.1	93.2
227	42.7	32.5	97.5

