

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082823\
 Data File : VX037292.D
 Acq On : 28 Aug 2023 14:10
 Operator : JC/MD
 Sample : 04095-13 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT101D2-20230818

Quant Time: Aug 29 00:58:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

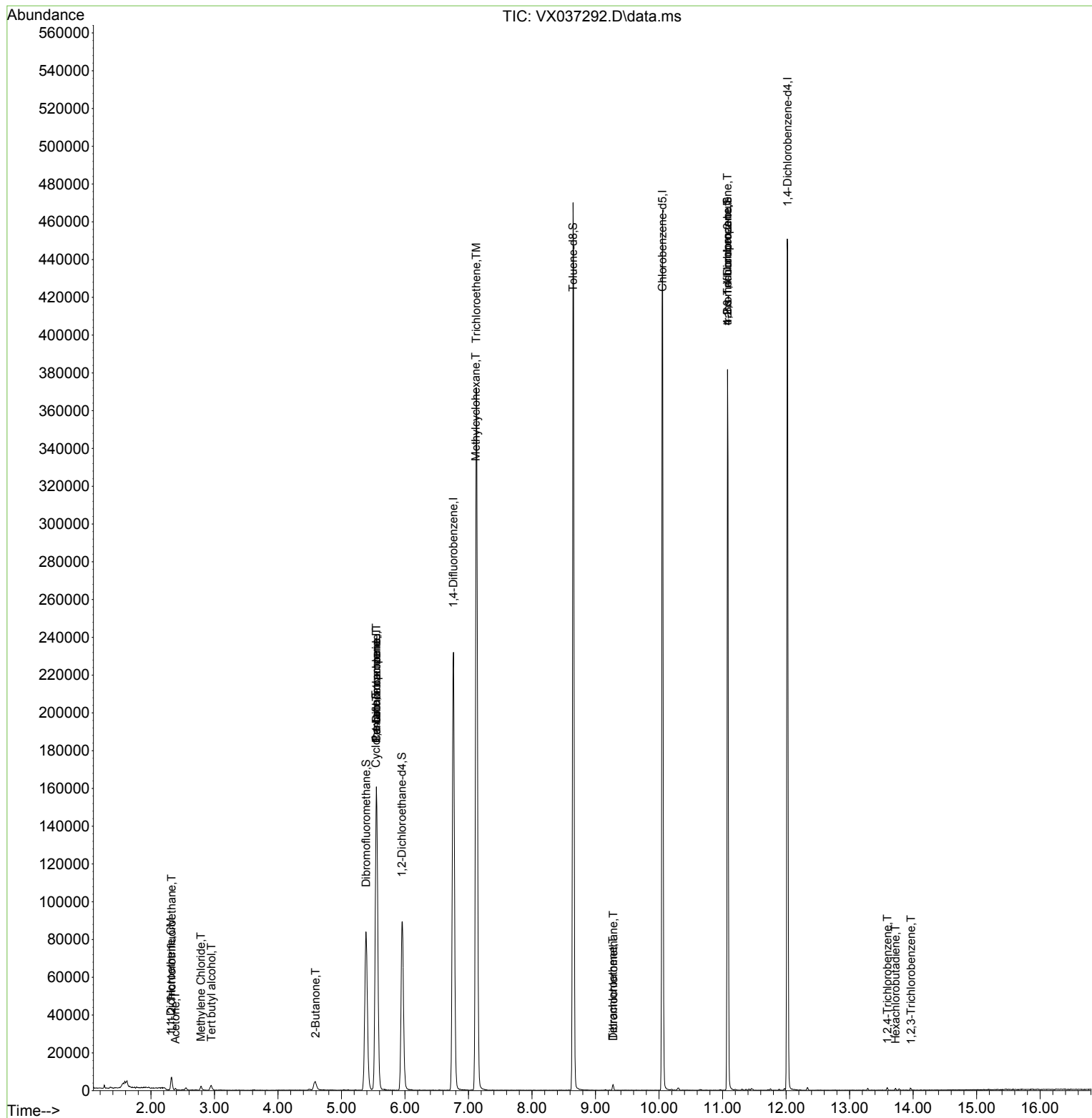
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.549	168	148471	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	244264	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	216819	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96981	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	89868	41.985	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	83.980%
35) Dibromofluoromethane	5.385	113	74297	45.927	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.860%
50) Toluene-d8	8.646	98	285418	48.640	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.280%
62) 4-Bromofluorobenzene	11.079	95	105333	45.677	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.360%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.324	101	2286	1.457	ug/l	96
11) Tert butyl alcohol	2.952	59	1717	3.420	ug/l #	78
12) 1,1-Dichloroethene	2.312	96	896	0.586	ug/l	95
16) Acetone	2.385	43	818	0.977	ug/l	100
20) Methylene Chloride	2.788	84	1249	0.667	ug/l #	71
25) 2-Butanone	4.592	43	449	0.356	ug/l #	51
31) Cyclohexane	5.543	56	2929	1.217	ug/l #	1
36) 1,1-Dichloropropene	5.549	75	11649	5.068	ug/l #	50
38) Carbon Tetrachloride	5.549	117	16012	6.414	ug/l #	15
39) Methylcyclohexane	7.116	83	1855	0.768	ug/l #	1
44) Trichloroethene	7.122	130	148402	79.398	ug/l	96
60) Dibromochloromethane	9.280	129	611	0.324	ug/l #	11
64) Tetrachloroethene	9.274	164	565	0.357	ug/l	92
76) 1,2,3-Trichloropropane	11.079	75	52959	25.641	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	52959	71.617	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.597	180	500	0.271	ug/l	94
94) Hexachlorobutadiene	13.725	225	238	0.334	ug/l	79
96) 1,2,3-Trichlorobenzene	13.969	180	401	0.219	ug/l	83

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

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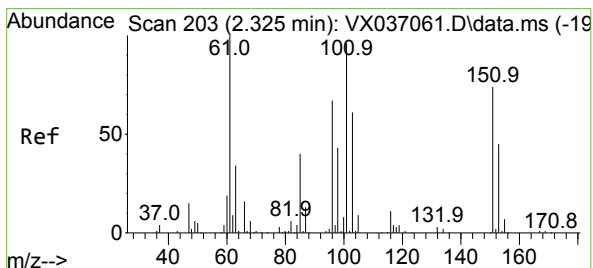
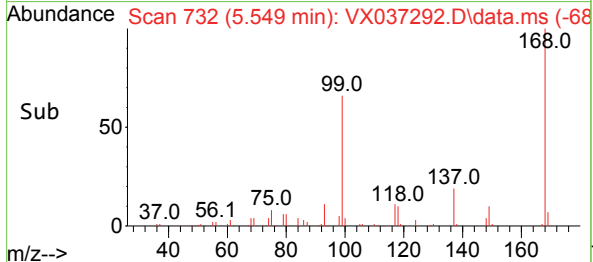
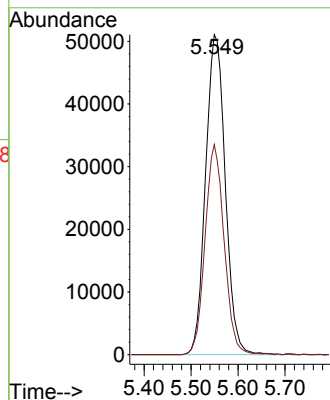
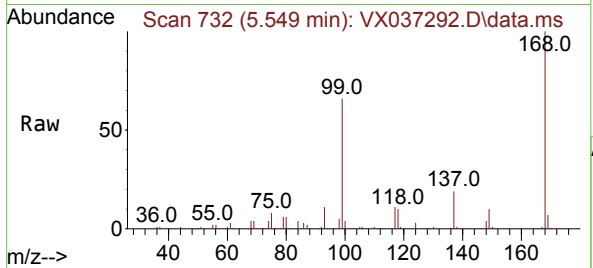




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX037292.D
Acq: 28 Aug 2023 14:10

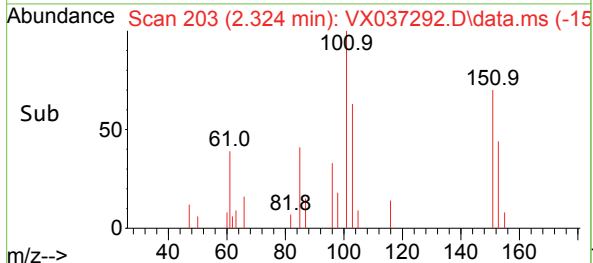
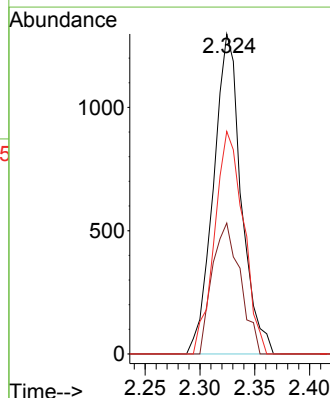
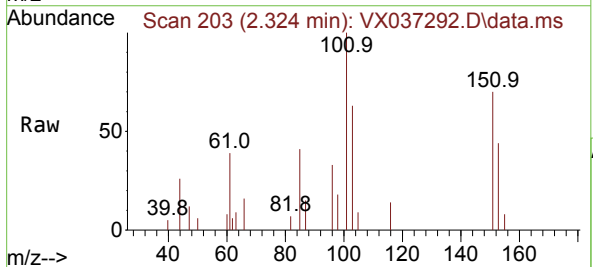
Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20230818

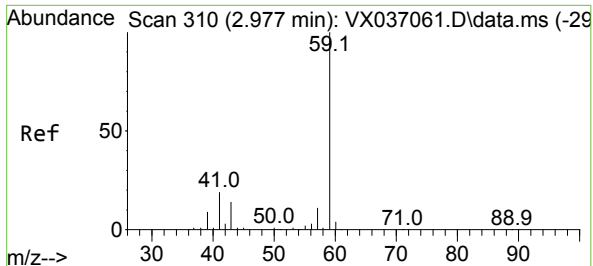
Tgt Ion:168 Resp: 148471
Ion Ratio Lower Upper
168 100
99 65.7 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.457 ug/l
RT: 2.324 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX037292.D
Acq: 28 Aug 2023 14:10

Tgt Ion:101 Resp: 2286
Ion Ratio Lower Upper
101 100
85 41.1 37.0 55.6
151 72.5 58.6 87.8





#11

Tert butyl alcohol

Concen: 3.420 ug/l

RT: 2.952 min Scan# 306

Delta R.T. -0.025 min

Lab File: VX037292.D

Acq: 28 Aug 2023 14:10

Instrument :

MSVOA_X

ClientSampleId :

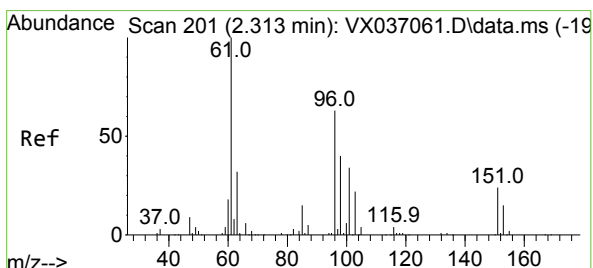
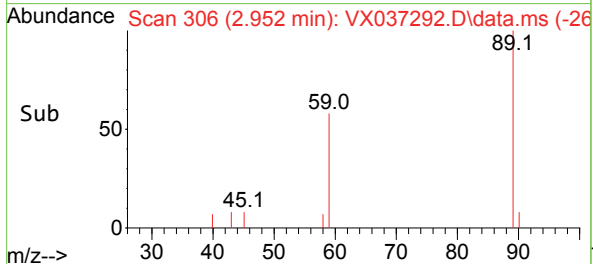
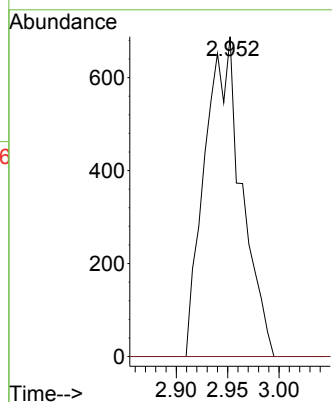
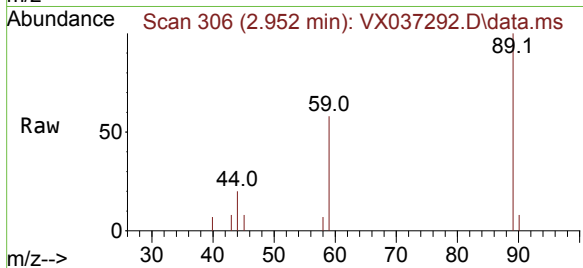
TT101D2-20230818

Tgt Ion: 59 Resp: 1717

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#12

1,1-Dichloroethene

Concen: 0.586 ug/l

RT: 2.312 min Scan# 201

Delta R.T. -0.000 min

Lab File: VX037292.D

Acq: 28 Aug 2023 14:10

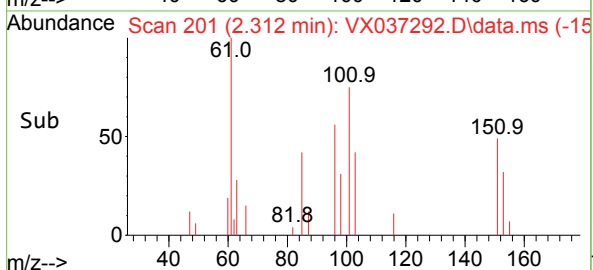
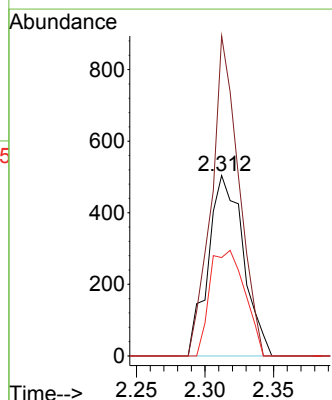
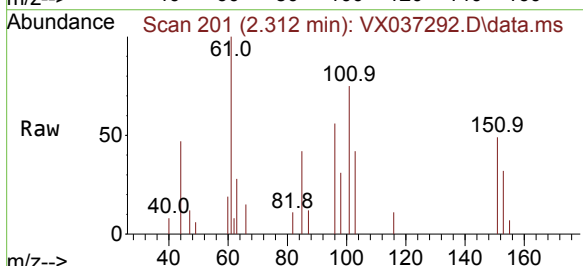
Tgt Ion: 96 Resp: 896

Ion Ratio Lower Upper

96 100

61 177.4 144.6 216.8

98 54.6 50.4 75.6

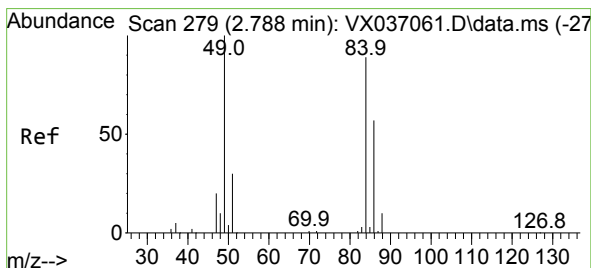
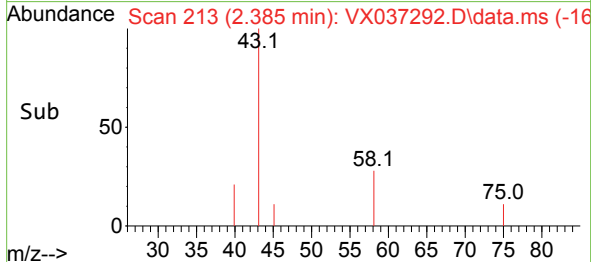
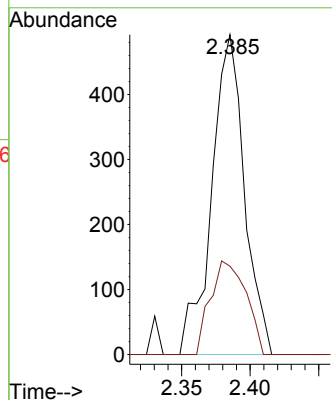
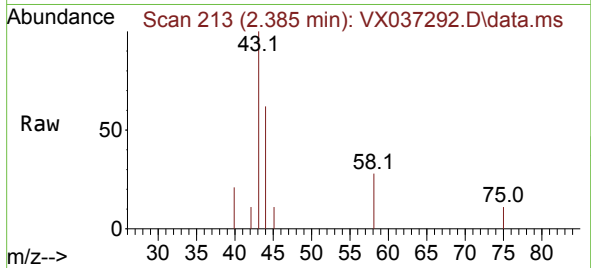




#16
Acetone
Concen: 0.977 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX037292.D
Acq: 28 Aug 2023 14:10

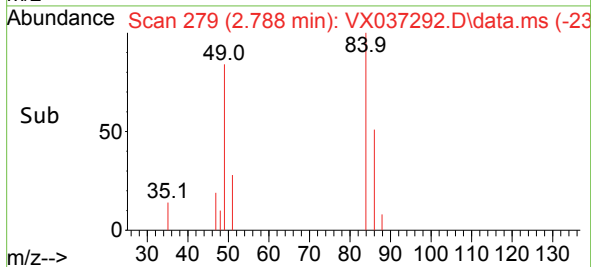
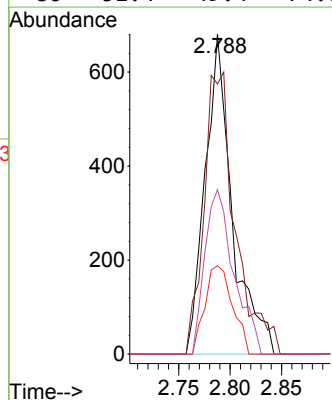
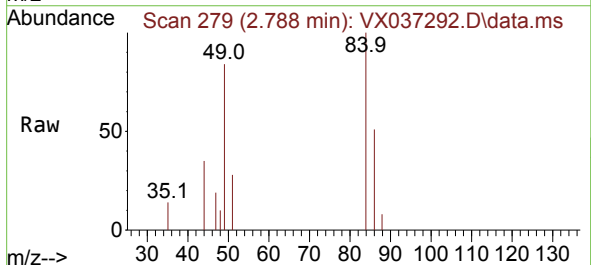
Instrument :
MSVOA_X
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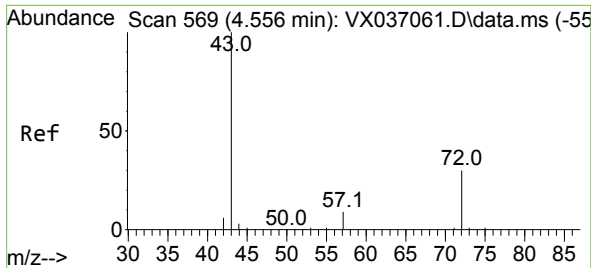
Tgt Ion: 43 Resp: 818
Ion Ratio Lower Upper
43 100
58 27.6 21.9 32.9



#20
Methylene Chloride
Concen: 0.667 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX037292.D
Acq: 28 Aug 2023 14:10

Tgt Ion: 84 Resp: 1249
Ion Ratio Lower Upper
84 100
49 84.4 103.6 155.4#
51 27.6 33.8 50.6#
86 51.4 49.4 74.0

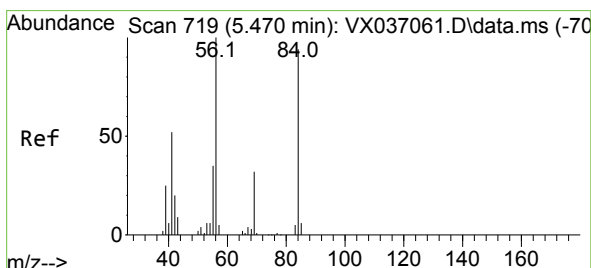
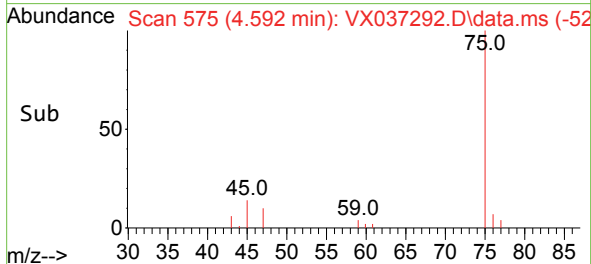
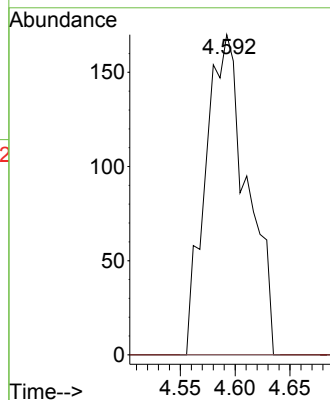
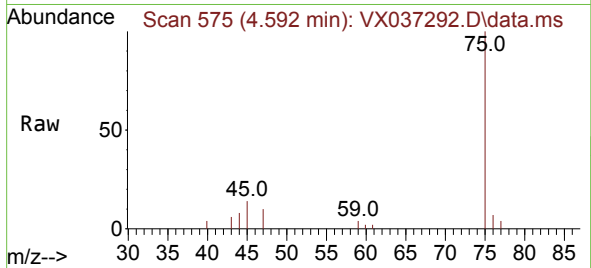




#25
2-Butanone
Concen: 0.356 ug/l
RT: 4.592 min Scan# 51
Delta R.T. 0.036 min
Lab File: VX037292.D
Acq: 28 Aug 2023 14:10

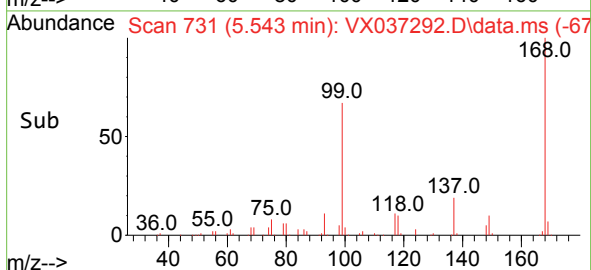
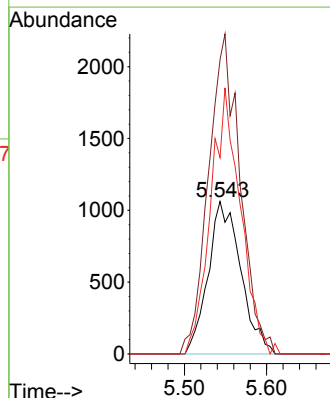
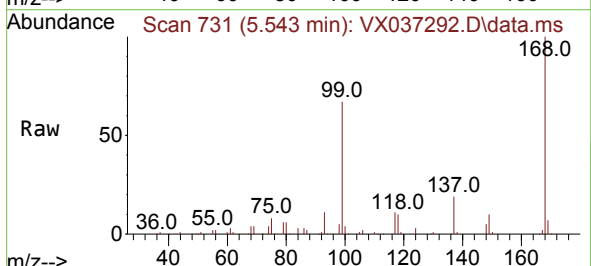
Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20230818

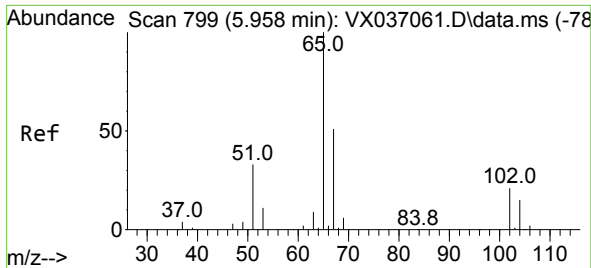
Tgt Ion: 43 Resp: 449
Ion Ratio Lower Upper
43 100
72 0.0 19.4 29.2#



#31
Cyclohexane
Concen: 1.217 ug/l
RT: 5.543 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX037292.D
Acq: 28 Aug 2023 14:10

Tgt Ion: 56 Resp: 2929
Ion Ratio Lower Upper
56 100
69 192.9 23.4 35.2#
84 128.7 65.9 98.9#

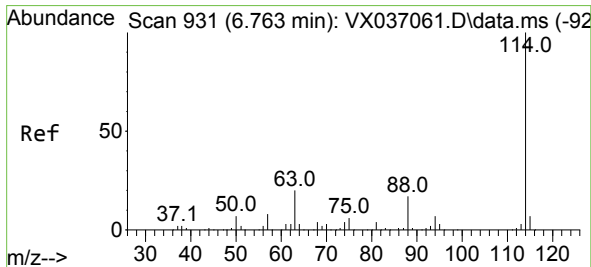
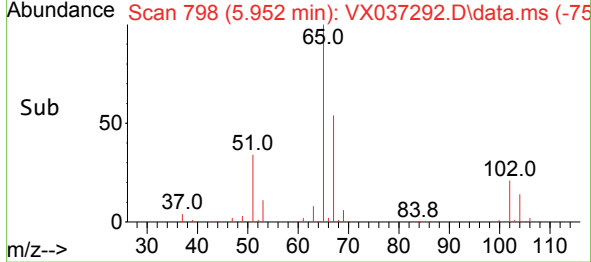
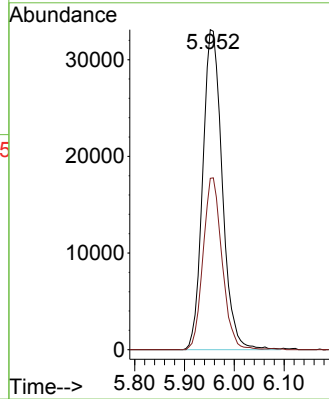
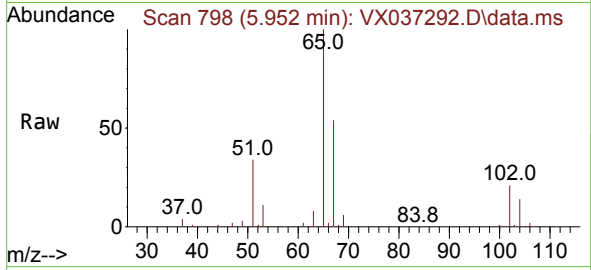




#33
 1,2-Dichloroethane-d4
 Concen: 41.985 ug/l
 RT: 5.952 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX037292.D
 Acq: 28 Aug 2023 14:10

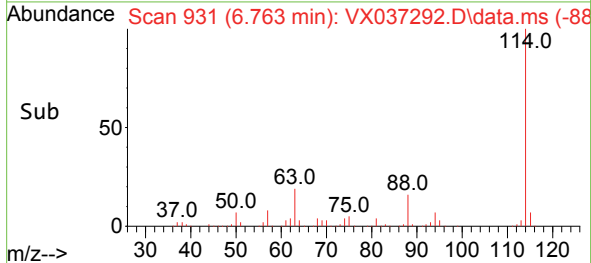
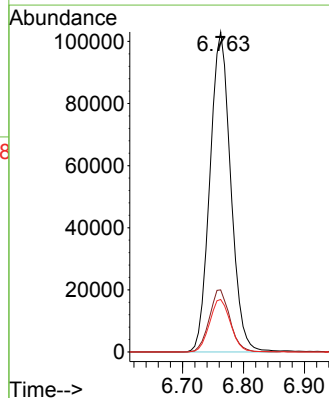
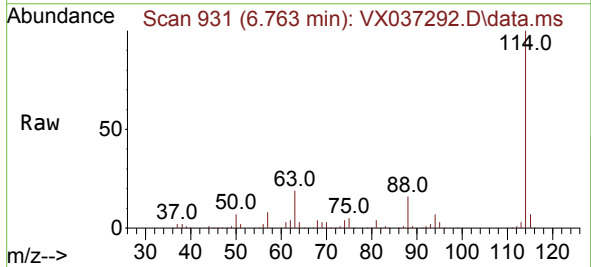
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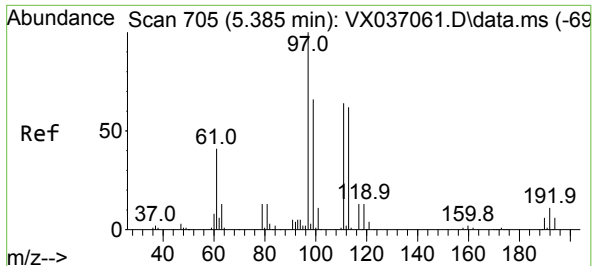
Tgt Ion: 65 Resp: 89868
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX037292.D
 Acq: 28 Aug 2023 14:10

Tgt Ion: 114 Resp: 244264
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 45.0
 88 16.4 0.0 36.6

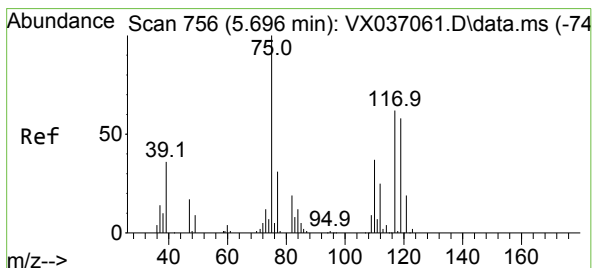
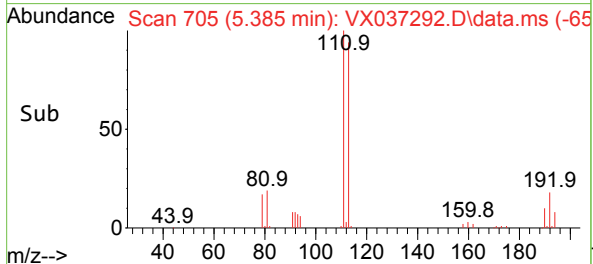
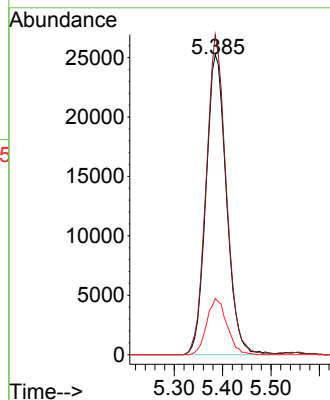
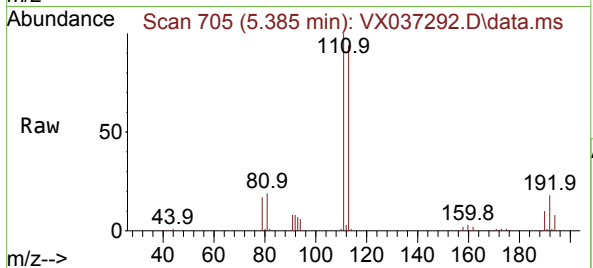




#35
 Dibromofluoromethane
 Concen: 45.927 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. -0.000 min
 Lab File: VX037292.D
 Acq: 28 Aug 2023 14:10

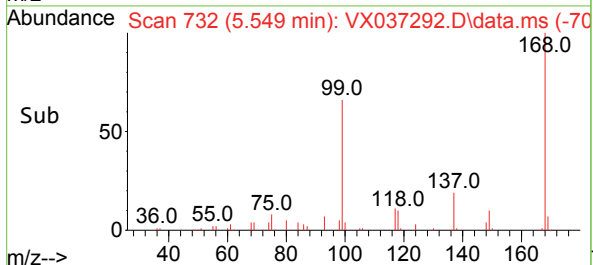
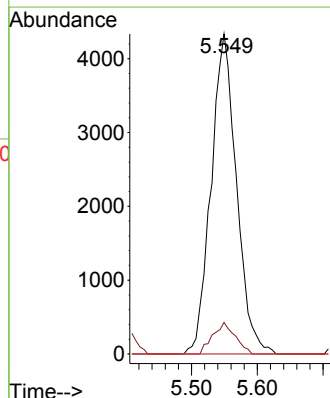
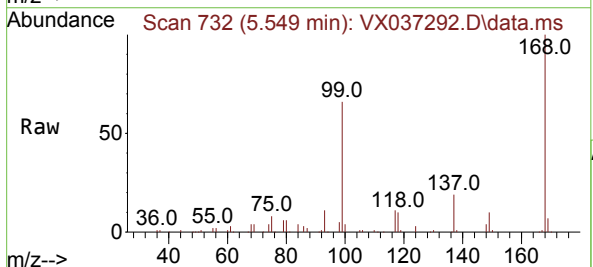
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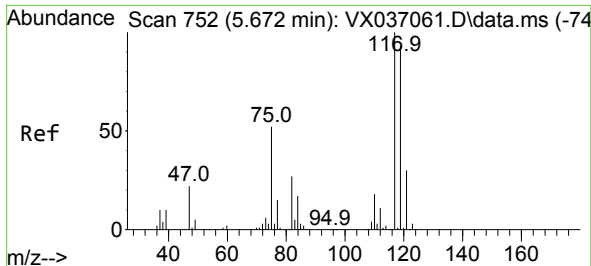
Tgt Ion:113 Resp: 74297
 Ion Ratio Lower Upper
 113 100
 111 104.4 82.9 124.3
 192 18.4 13.3 19.9



#36
 1,1-Dichloropropene
 Concen: 5.068 ug/l
 RT: 5.549 min Scan# 732
 Delta R.T. -0.147 min
 Lab File: VX037292.D
 Acq: 28 Aug 2023 14:10

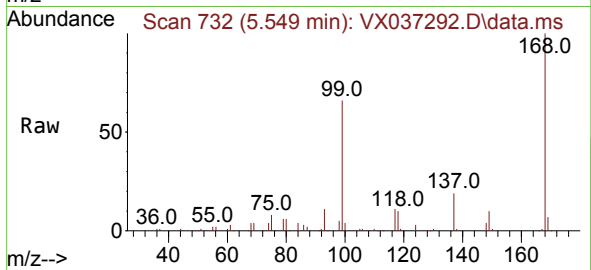
Tgt Ion: 75 Resp: 11649
 Ion Ratio Lower Upper
 75 100
 110 8.7 17.0 50.9#
 77 0.0 24.7 37.1#



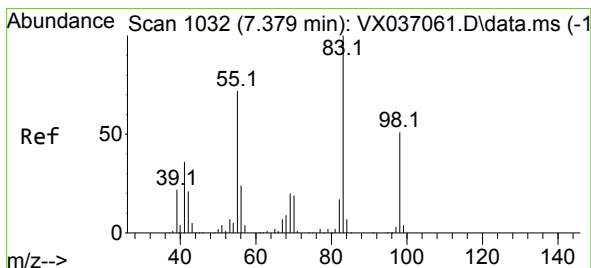
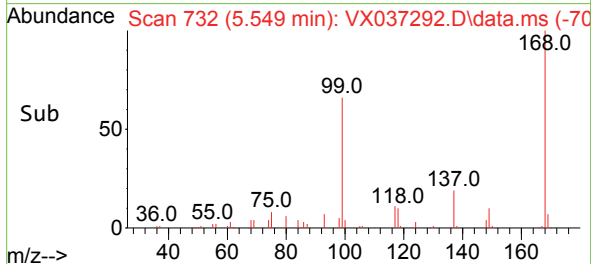
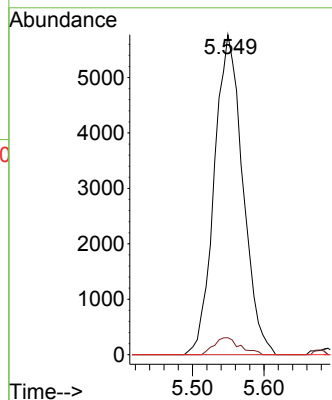


#38
Carbon Tetrachloride
Concen: 6.414 ug/l
RT: 5.549 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX037292.D
Acq: 28 Aug 2023 14:10

Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20230818

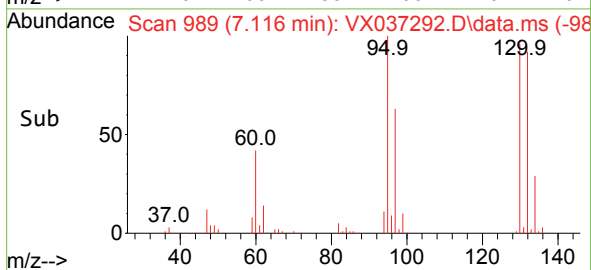
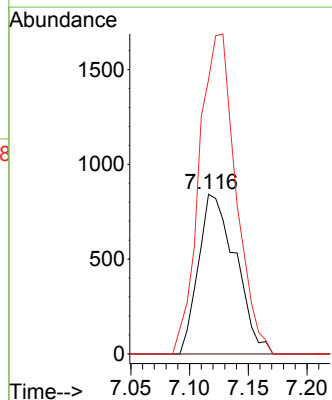
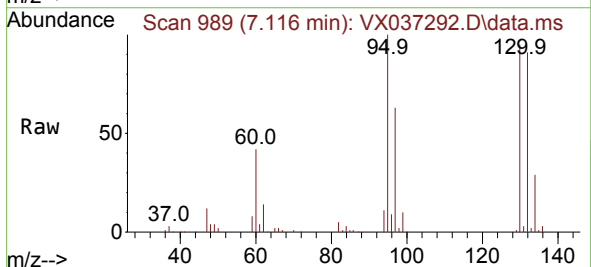


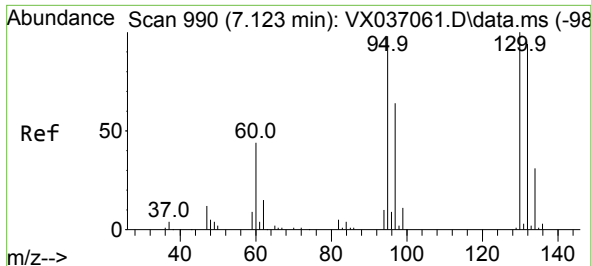
Tgt Ion:117 Resp: 16012
Ion Ratio Lower Upper
117 100
119 5.3 78.2 117.2#
121 0.0 24.4 36.6#



#39
Methylcyclohexane
Concen: 0.768 ug/l
RT: 7.116 min Scan# 989
Delta R.T. -0.263 min
Lab File: VX037292.D
Acq: 28 Aug 2023 14:10

Tgt Ion: 83 Resp: 1855
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 171.9 36.7 55.1#

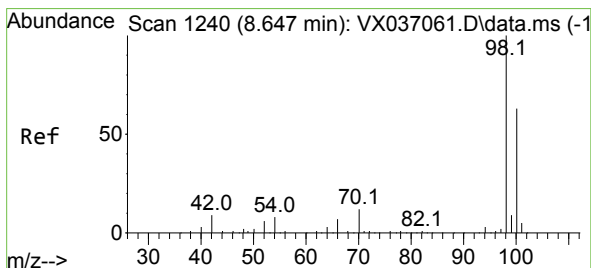
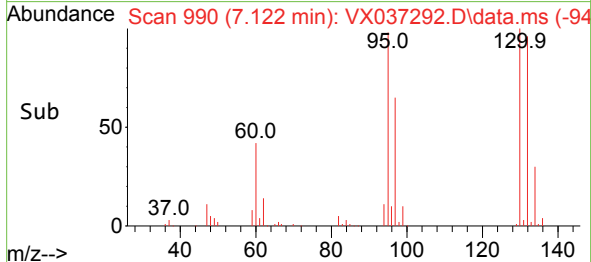
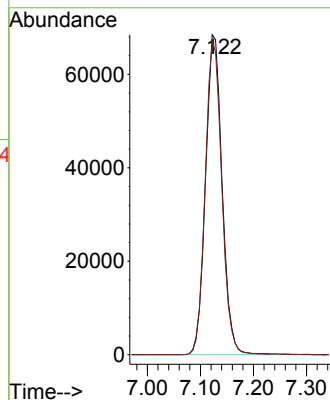
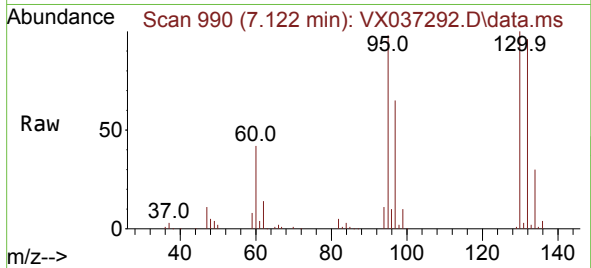




#44
Trichloroethene
Concen: 79.398 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX037292.D
Acq: 28 Aug 2023 14:10

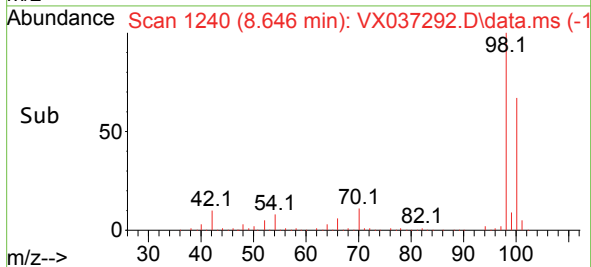
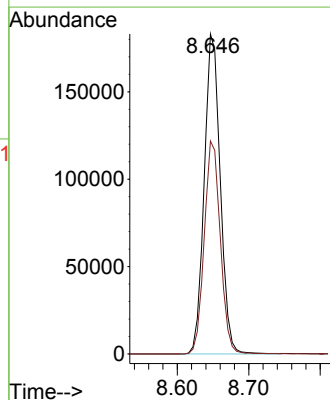
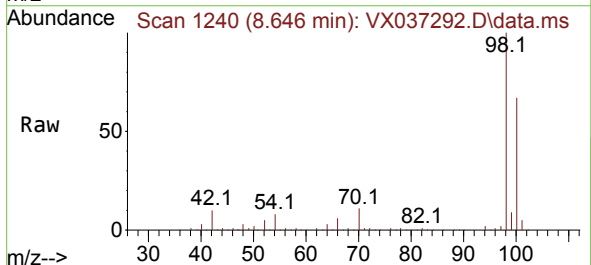
Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20230818

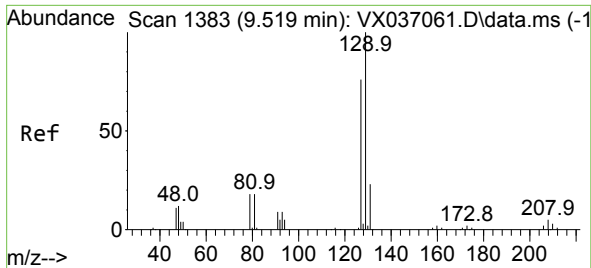
Tgt Ion:130 Resp: 148402
Ion Ratio Lower Upper
130 100
95 98.1 0.0 204.4



#50
Toluene-d8
Concen: 48.640 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX037292.D
Acq: 28 Aug 2023 14:10

Tgt Ion: 98 Resp: 285418
Ion Ratio Lower Upper
98 100
100 66.7 53.1 79.7

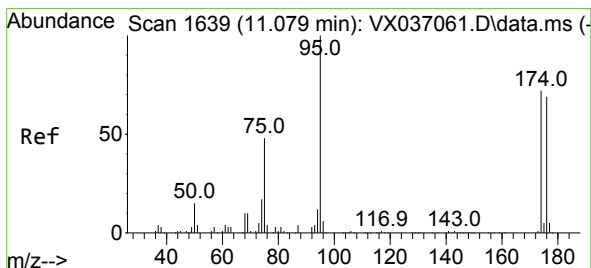
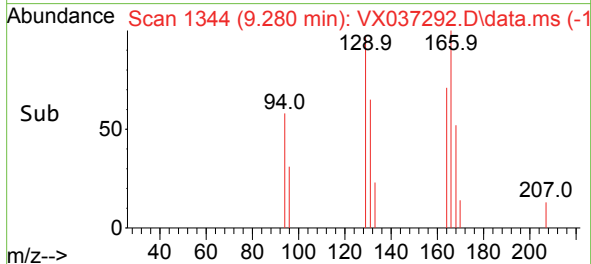
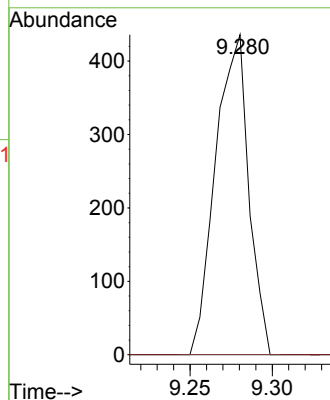
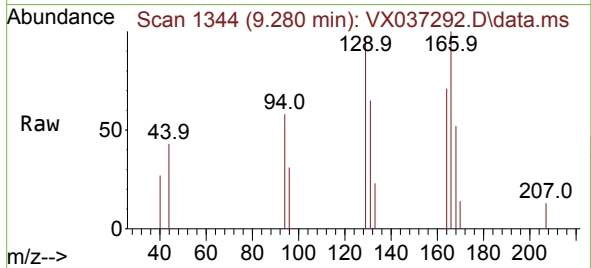




#60
Dibromochloromethane
Concen: 0.324 ug/l
RT: 9.280 min Scan# 11
Delta R.T. -0.238 min
Lab File: VX037292.D
Acq: 28 Aug 2023 14:10

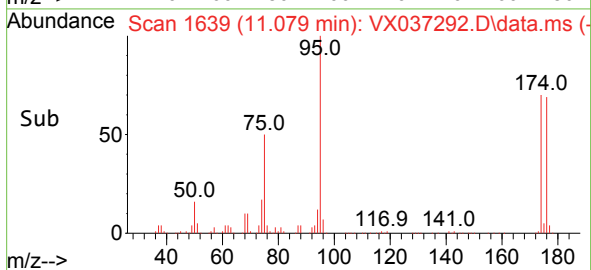
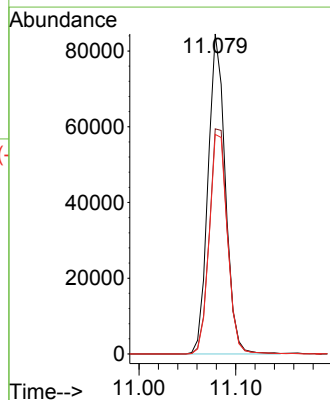
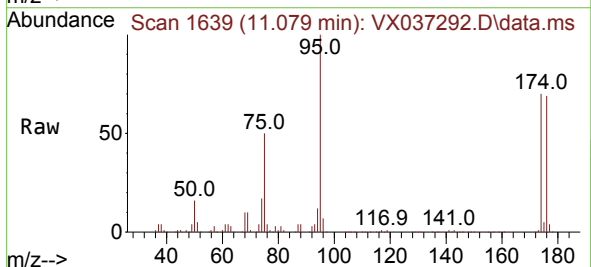
Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20230818

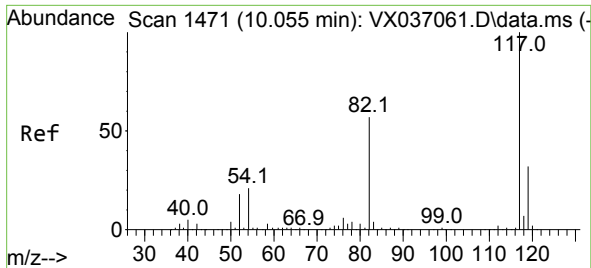
Tgt Ion:129 Resp: 611
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#



#62
4-Bromofluorobenzene
Concen: 45.677 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037292.D
Acq: 28 Aug 2023 14:10

Tgt Ion: 95 Resp: 105333
Ion Ratio Lower Upper
95 100
174 74.0 0.0 135.6
176 72.1 0.0 131.0

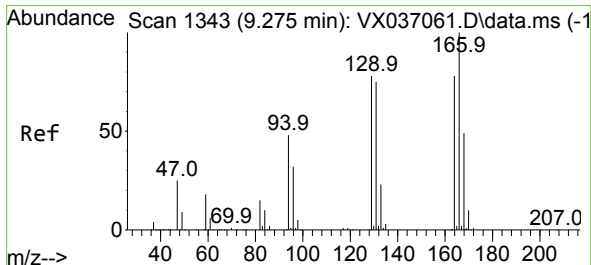
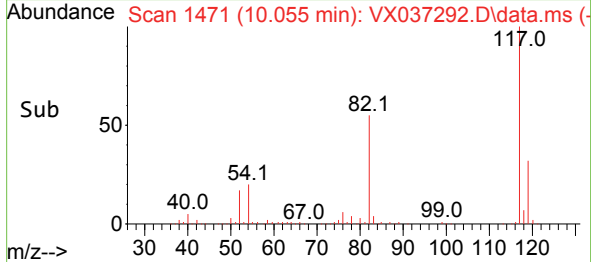
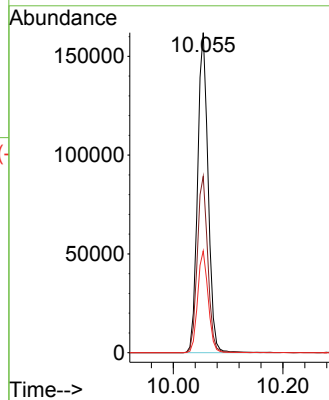
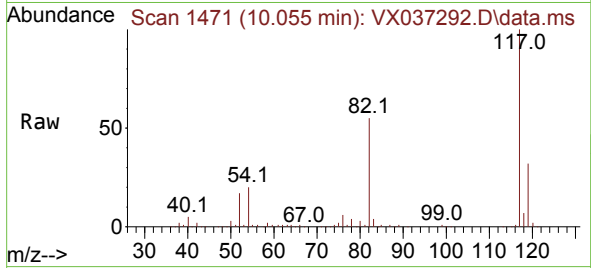




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037292.D
Acq: 28 Aug 2023 14:10

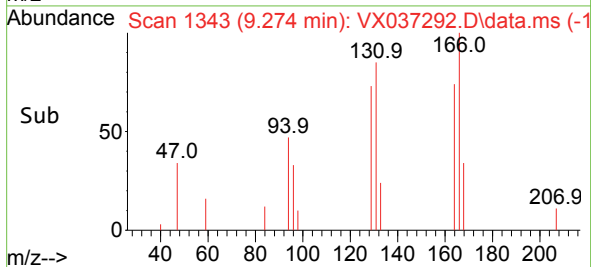
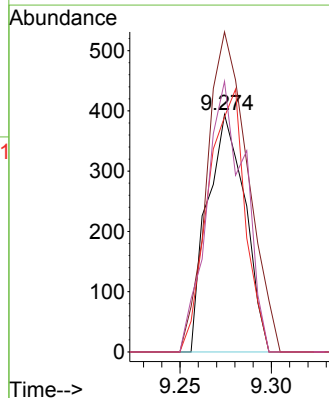
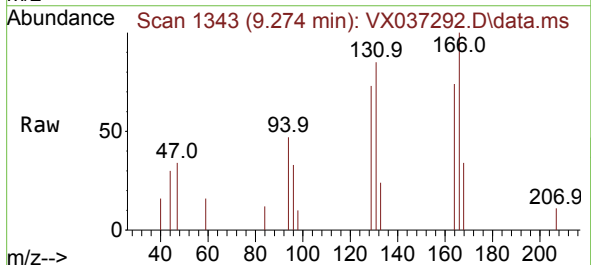
Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20230818

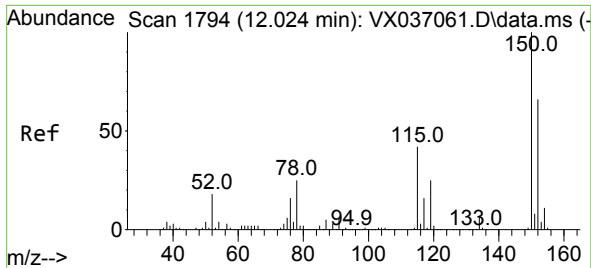
Tgt Ion:117 Resp: 216819
Ion Ratio Lower Upper
117 100
82 55.1 46.2 69.4
119 31.8 25.5 38.3



#64
Tetrachloroethene
Concen: 0.357 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX037292.D
Acq: 28 Aug 2023 14:10

Tgt Ion:164 Resp: 565
Ion Ratio Lower Upper
164 100
166 134.8 102.7 154.1
129 99.0 80.4 120.6
131 114.0 76.5 114.7

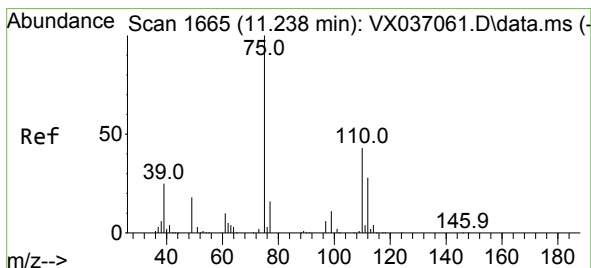
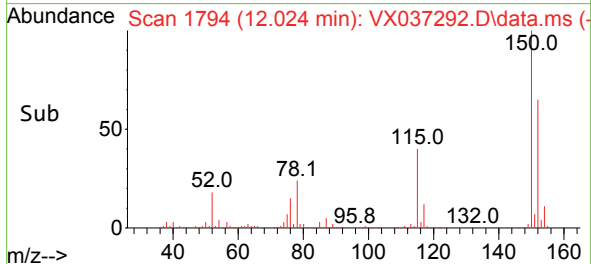
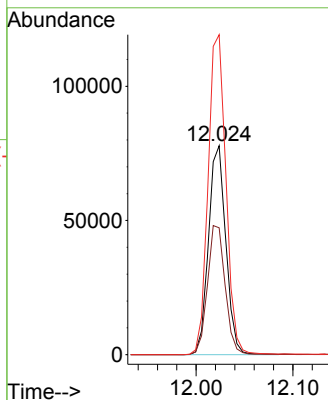
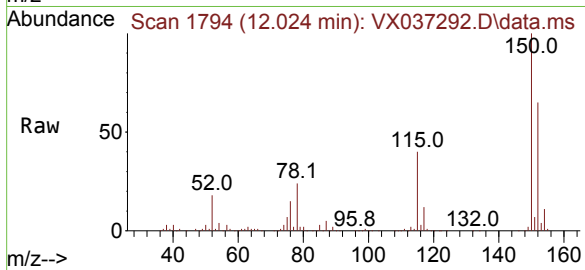




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX037292.D
 Acq: 28 Aug 2023 14:10

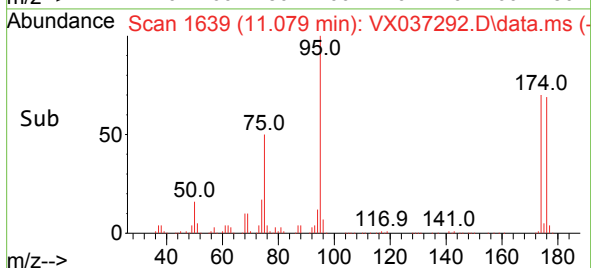
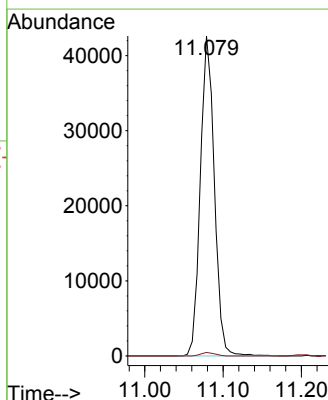
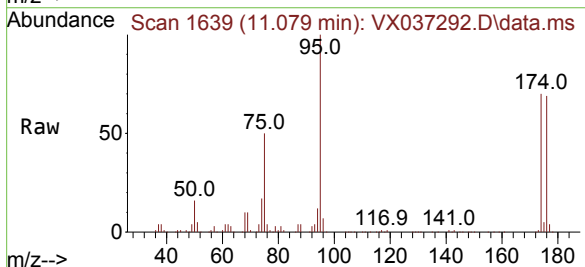
Instrument :
 MSVOA_X
 ClientSampleId :
 TT101D2-20230818

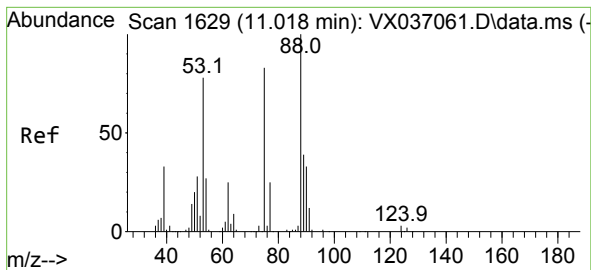
Tgt Ion:152 Resp: 96981
 Ion Ratio Lower Upper
 152 100
 115 63.1 43.3 129.9
 150 157.4 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 25.641 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX037292.D
 Acq: 28 Aug 2023 14:10

Tgt Ion: 75 Resp: 52959
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#

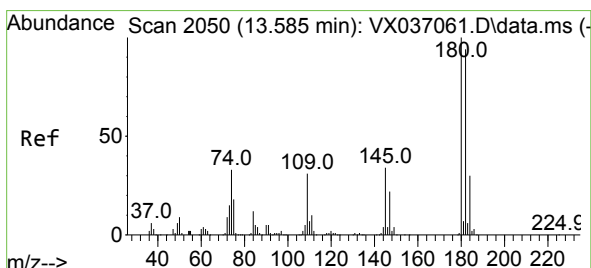
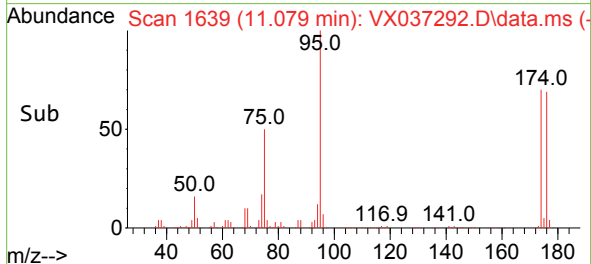
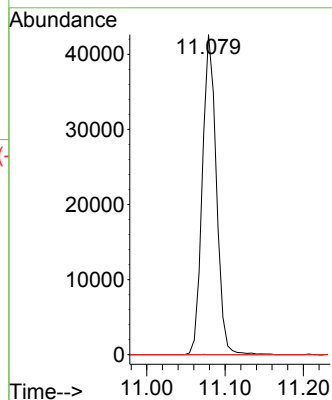
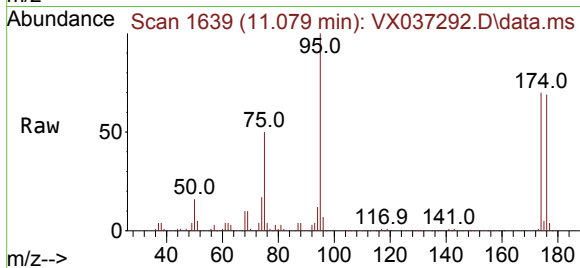




#81
trans-1,4-Dichloro-2-butene
Concen: 71.617 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX037292.D
Acq: 28 Aug 2023 14:10

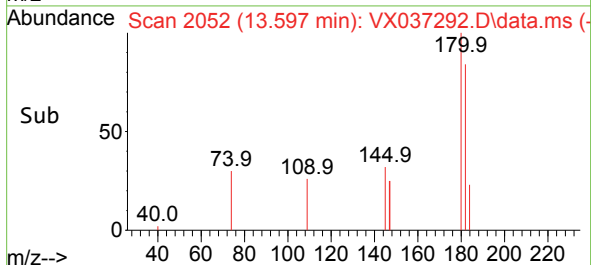
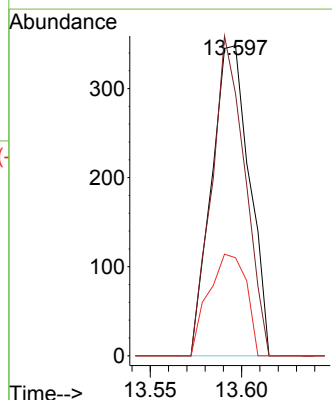
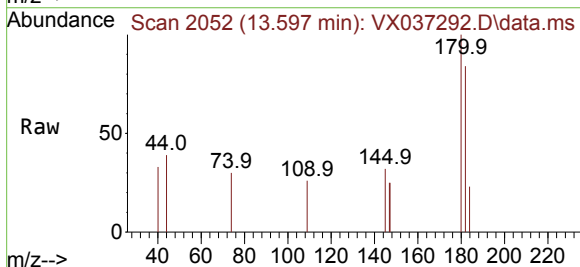
Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20230818

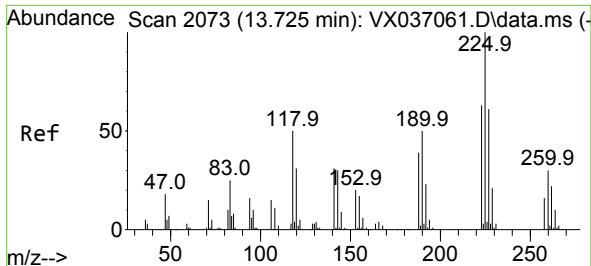
Tgt Ion: 75 Resp: 52959
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.271 ug/l
RT: 13.597 min Scan# 2052
Delta R.T. 0.012 min
Lab File: VX037292.D
Acq: 28 Aug 2023 14:10

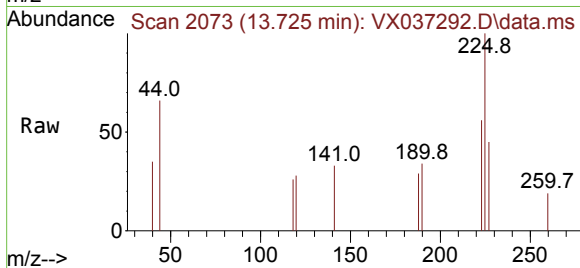
Tgt Ion:180 Resp: 500
Ion Ratio Lower Upper
180 100
182 90.0 48.3 144.8
145 32.8 18.0 54.0



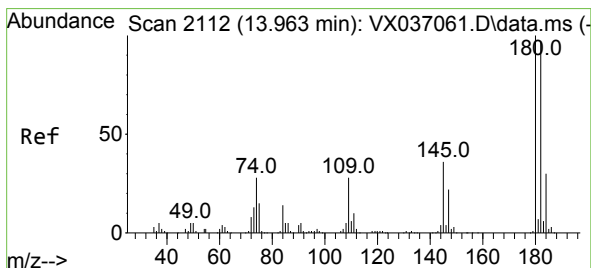
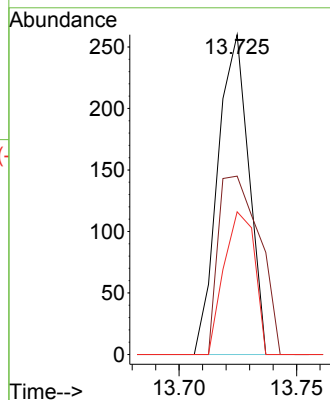
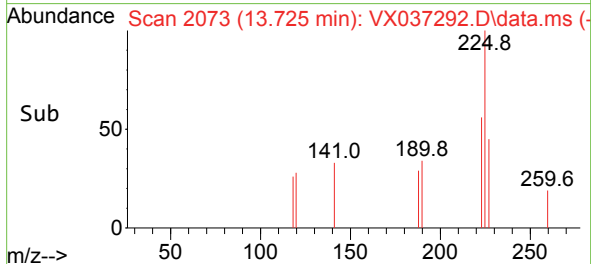


#94
Hexachlorobutadiene
Concen: 0.334 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX037292.D
Acq: 28 Aug 2023 14:10

Instrument :
MSVOA_X
ClientSampleId :
TT101D2-20230818



Tgt Ion:225 Resp: 238
Ion Ratio Lower Upper
225 100
223 74.4 31.1 93.2
227 44.1 32.5 97.5



#96
1,2,3-Trichlorobenzene
Concen: 0.219 ug/l
RT: 13.969 min Scan# 2113
Delta R.T. 0.006 min
Lab File: VX037292.D
Acq: 28 Aug 2023 14:10

Tgt Ion:180 Resp: 401
Ion Ratio Lower Upper
180 100
182 75.3 46.9 140.6
145 28.2 17.8 53.5

