

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080323\
 Data File : VX036794.D
 Acq On : 03 Aug 2023 12:55
 Operator : JC/MD
 Sample : 03882-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRE-1763

Quant Time: Aug 04 07:32:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072123W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 21 12:14:12 2023
 Response via : Initial Calibration

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

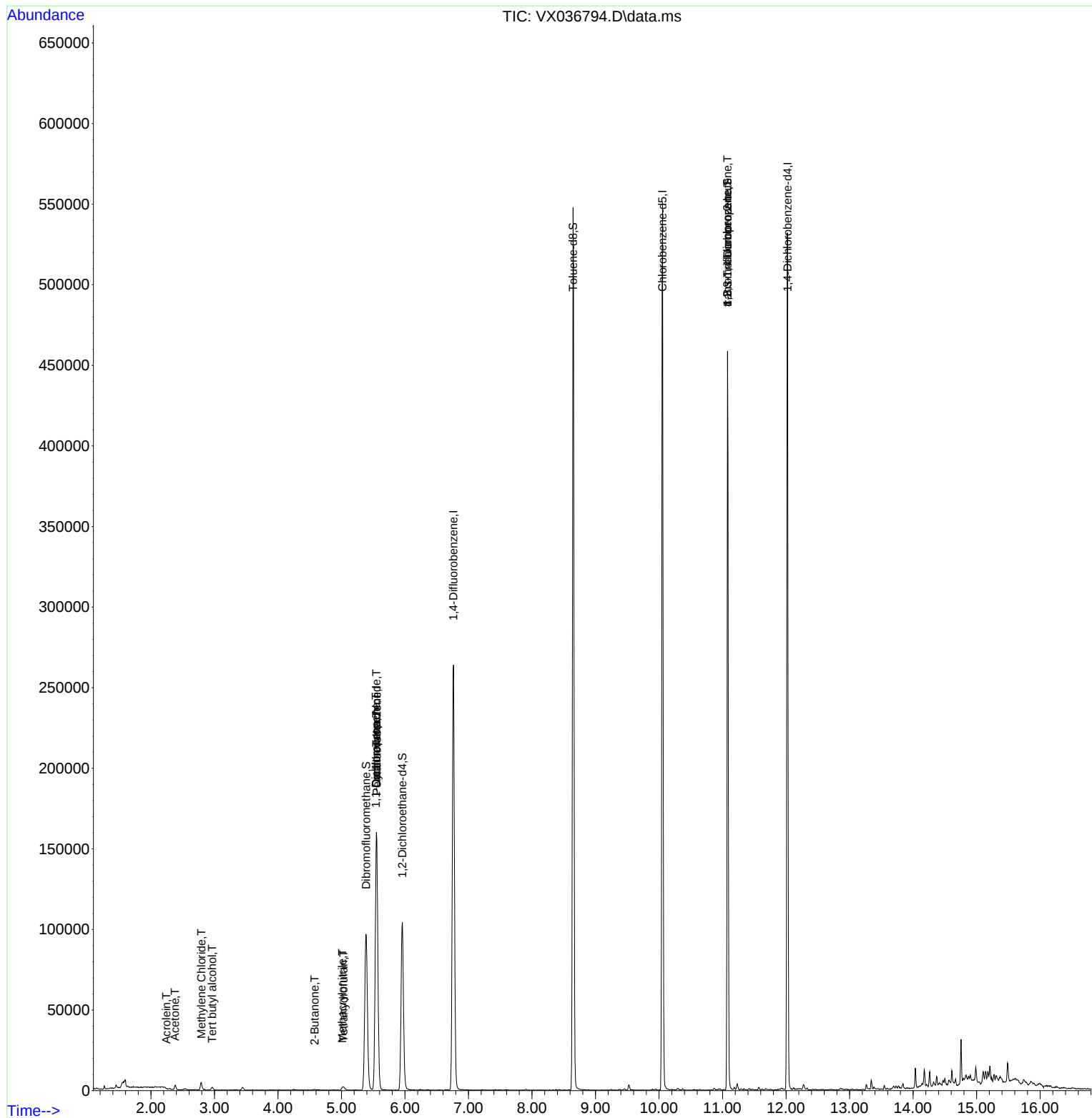
Internal Standards						
1) Pentafluorobenzene	5.556	168	148858	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	270453	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	249052	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	110964	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	101063	45.884	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.760%		
35) Dibromofluoromethane	5.385	113	86339	46.445	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.900%		
50) Toluene-d8	8.647	98	322697	48.951	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.900%		
62) 4-Bromofluorobenzene	11.079	95	121396	48.810	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.620%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.965	59	2023	3.880	ug/l	98
13) Acrolein	2.239	56	131	0.440	ug/l #	14
16) Acetone	2.380	43	3317	3.629	ug/l #	88
20) Methylene Chloride	2.794	84	2397	1.179	ug/l #	79
25) 2-Butanone	4.574	43	425	0.287	ug/l #	51
29) Tetrahydrofuran	5.032	42	2007	2.099	ug/l #	91
31) Cyclohexane	5.550	56	3450	1.131	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	12256	4.423	ug/l #	50
38) Carbon Tetrachloride	5.550	117	15903	5.399	ug/l #	16
41) Methacrylonitrile	5.013	41	1290	0.769	ug/l #	52
76) 1,2,3-Trichloropropane	11.079	75	64462	24.698	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	64462	55.980	ug/l #	5

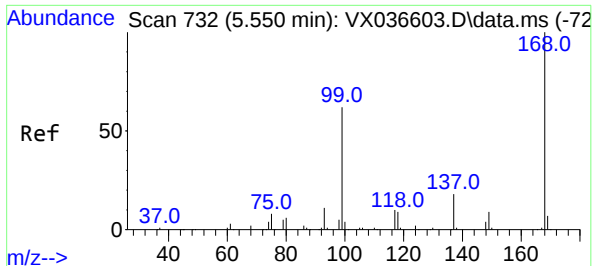
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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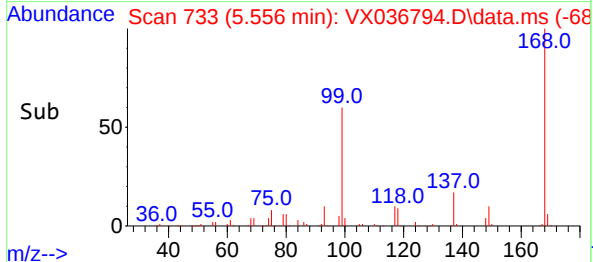
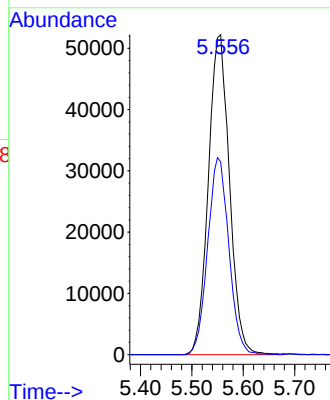
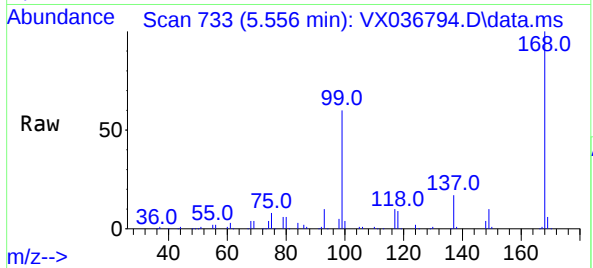




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX036794.D
Acq: 03 Aug 2023 12:55

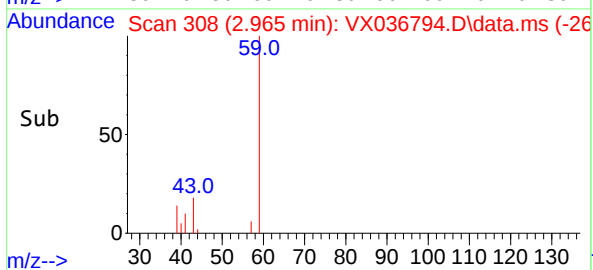
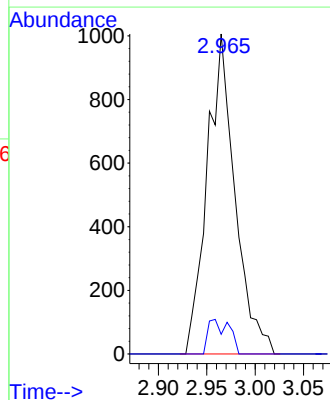
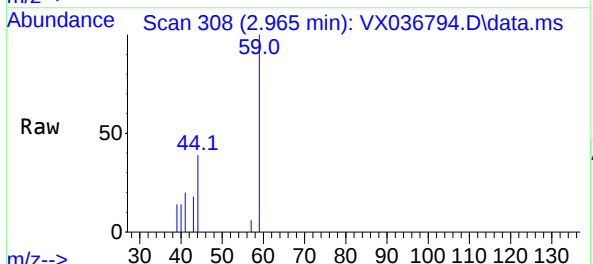
Instrument :
MSVOA_X
ClientSampleId :
TRE-1763

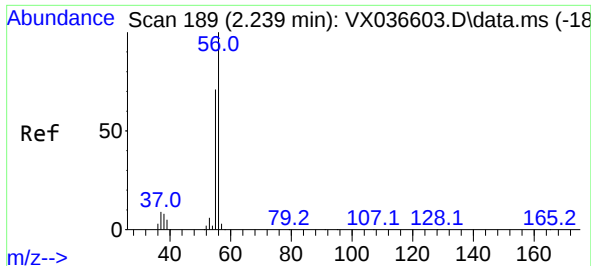
Tgt Ion:168 Resp: 148858
Ion Ratio Lower Upper
168 100
99 60.2 56.6 85.0



#11
Tert butyl alcohol
Concen: 3.880 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.024 min
Lab File: VX036794.D
Acq: 03 Aug 2023 12:55

Tgt Ion: 59 Resp: 2023
Ion Ratio Lower Upper
59 100
57 8.1 6.0 9.0

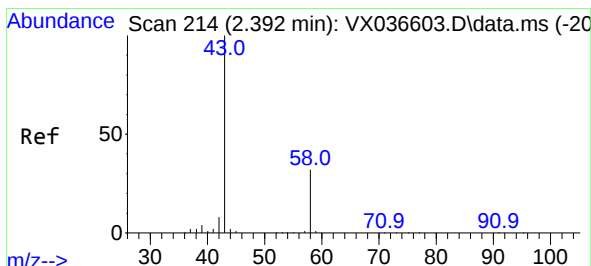
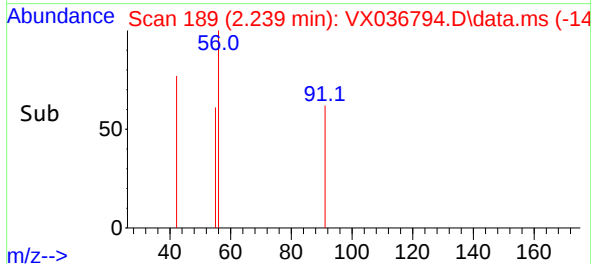
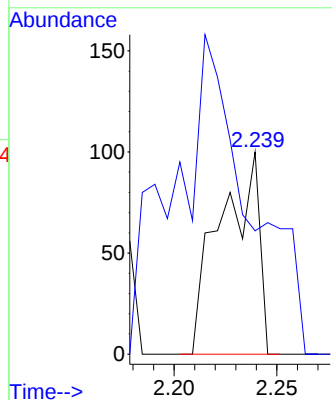
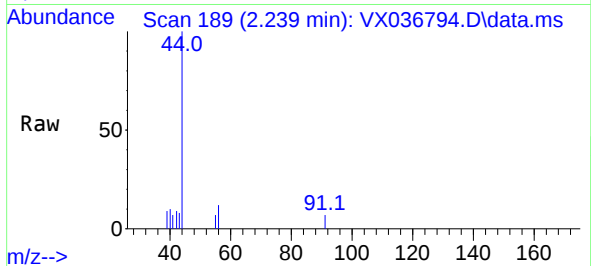




#13
Acrolein
Concen: 0.440 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX036794.D
Acq: 03 Aug 2023 12:55

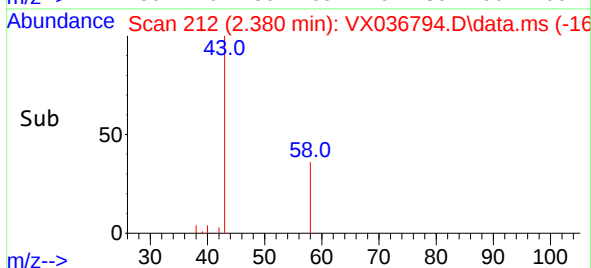
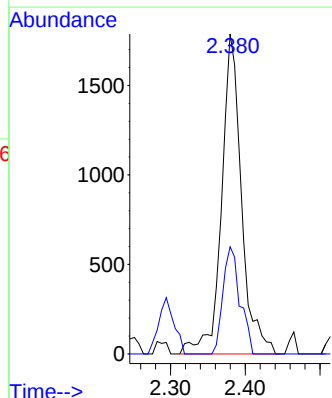
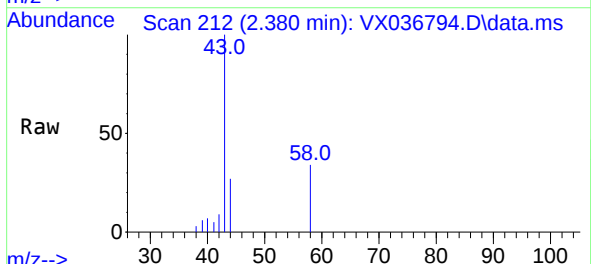
Instrument :
MSVOA_X
ClientSampleId :
TRE-1763

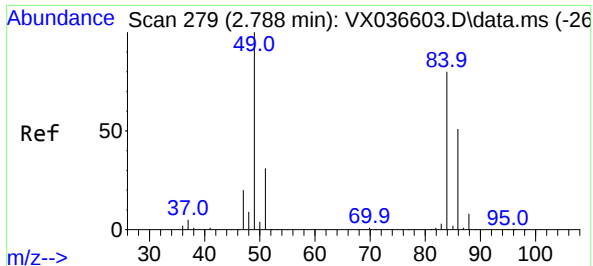
Tgt Ion: 56 Resp: 131
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#



#16
Acetone
Concen: 3.629 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX036794.D
Acq: 03 Aug 2023 12:55

Tgt Ion: 43 Resp: 3317
Ion Ratio Lower Upper
43 100
58 33.5 21.9 32.9#



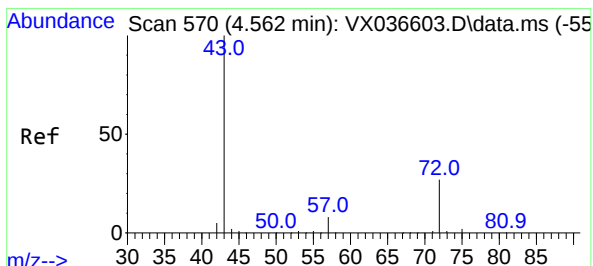
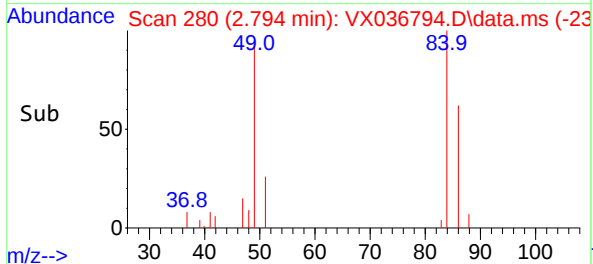
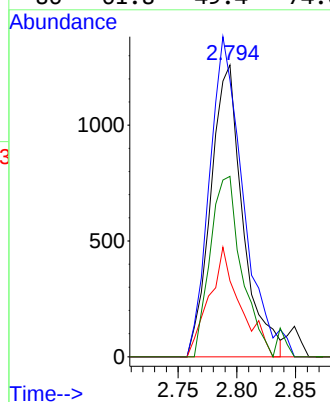
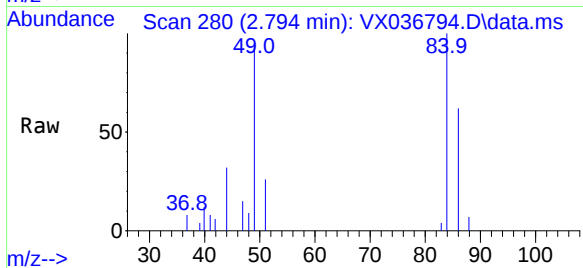


#20
Methylene Chloride
Concen: 1.179 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX036794.D
Acq: 03 Aug 2023 12:55

Instrument :
MSVOA_X
ClientSampleId :
TRE-1763

Tgt Ion: 84 Resp: 2397

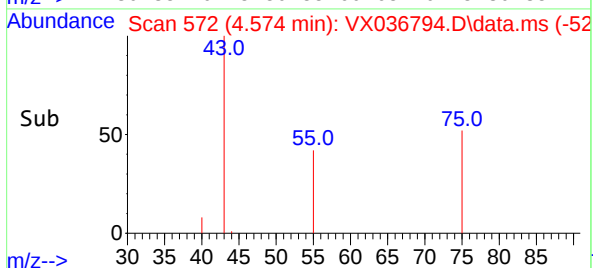
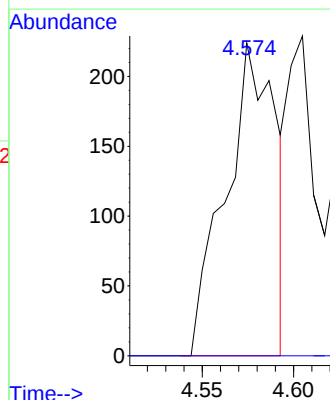
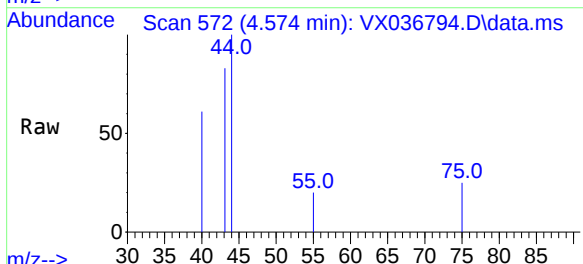
Ion	Ratio	Lower	Upper
84	100		
49	94.8	103.6	155.4#
51	26.0	33.8	50.6#
86	61.8	49.4	74.0

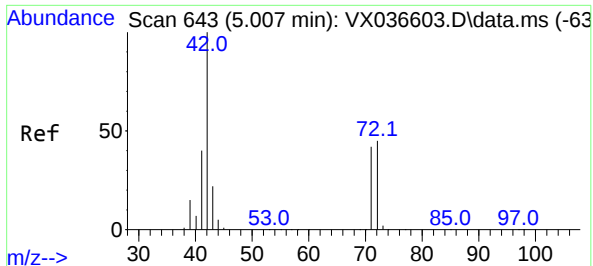


#25
2-Butanone
Concen: 0.287 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.012 min
Lab File: VX036794.D
Acq: 03 Aug 2023 12:55

Tgt Ion: 43 Resp: 425

Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.4	29.2#





#29

Tetrahydrofuran

Concen: 2.099 ug/l

RT: 5.032 min Scan# 64

Delta R.T. 0.024 min

Lab File: VX036794.D

Acq: 03 Aug 2023 12:55

Instrument :

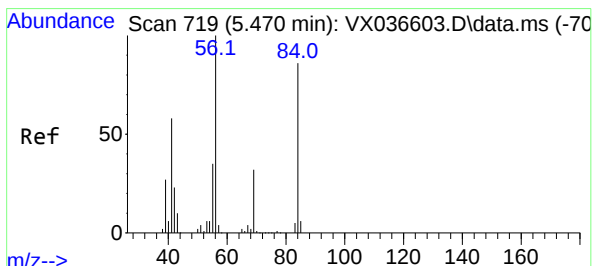
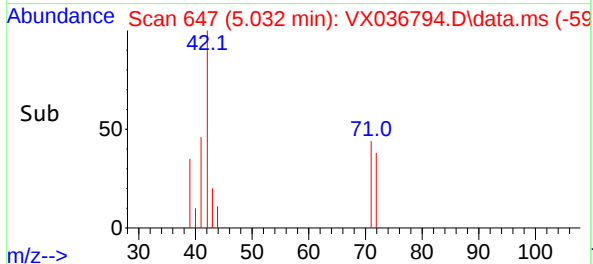
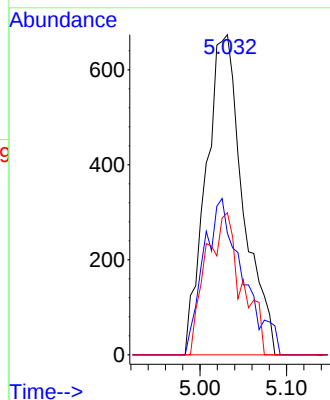
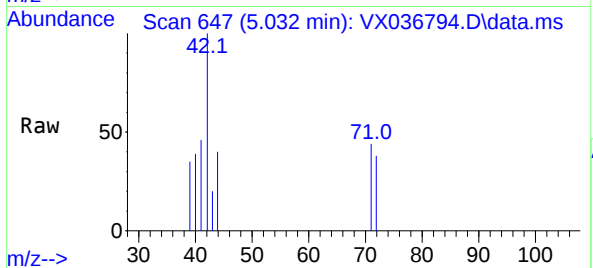
MSVOA_X

ClientSampleId :

TRE-1763

Tgt Ion: 42 Resp: 2007

Ion	Ratio	Lower	Upper
42	100		
72	51.6	34.2	51.4#
71	42.8	32.2	48.2



#31

Cyclohexane

Concen: 1.131 ug/l

RT: 5.550 min Scan# 732

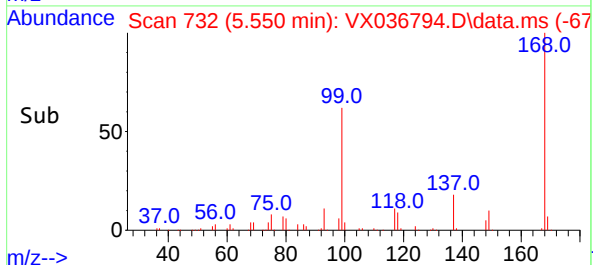
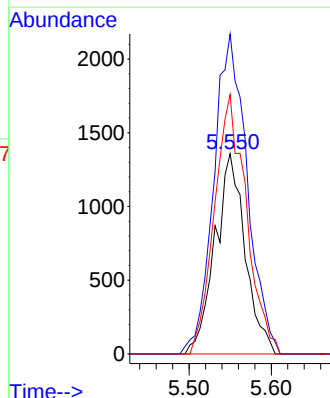
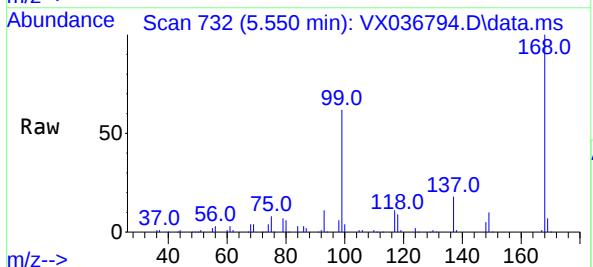
Delta R.T. 0.079 min

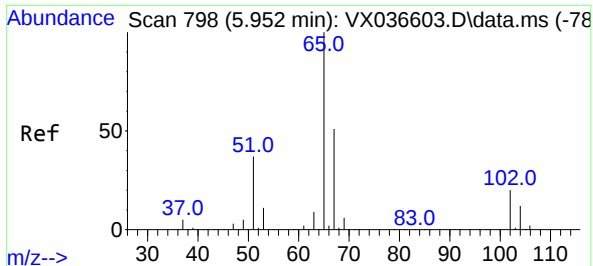
Lab File: VX036794.D

Acq: 03 Aug 2023 12:55

Tgt Ion: 56 Resp: 3450

Ion	Ratio	Lower	Upper
56	100		
69	159.7	23.4	35.2#
84	129.4	65.9	98.9#

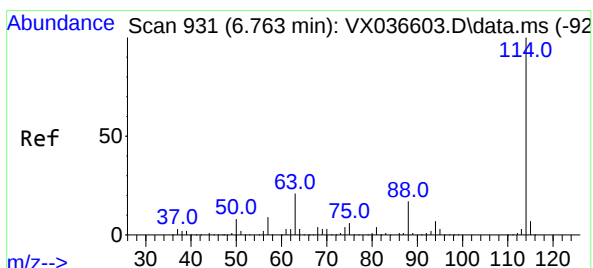
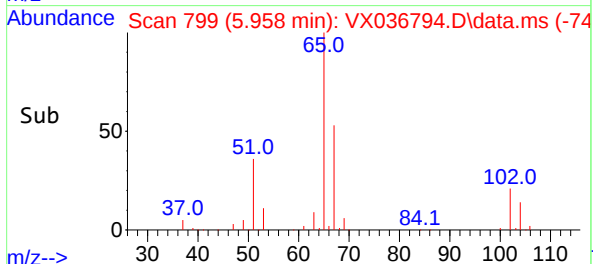
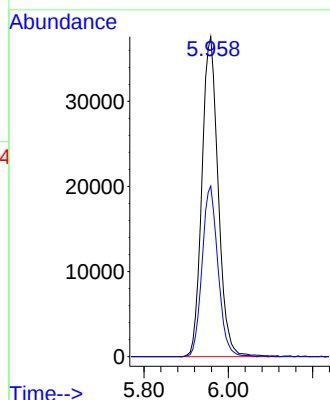
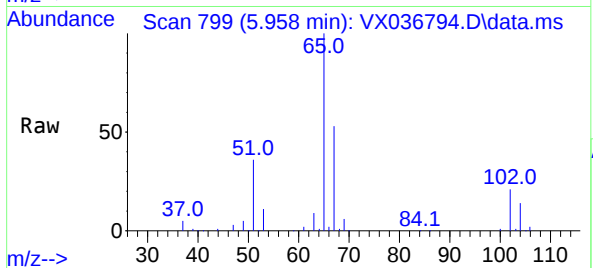




#33
 1,2-Dichloroethane-d4
 Concen: 45.884 ug/l
 RT: 5.958 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX036794.D
 Acq: 03 Aug 2023 12:55

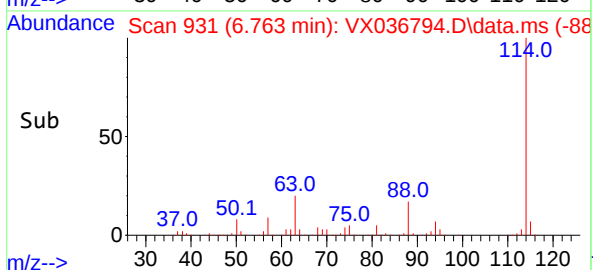
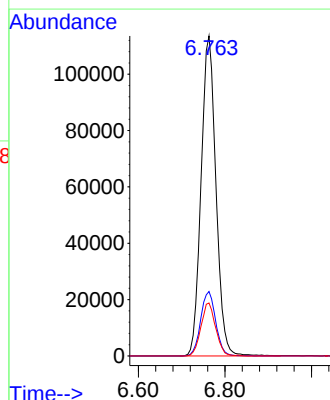
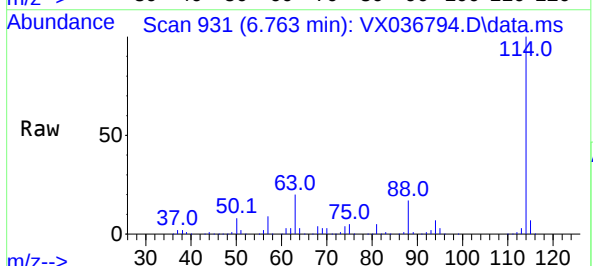
Instrument :
 MSVOA_X
 ClientSampleId :
 TRE-1763

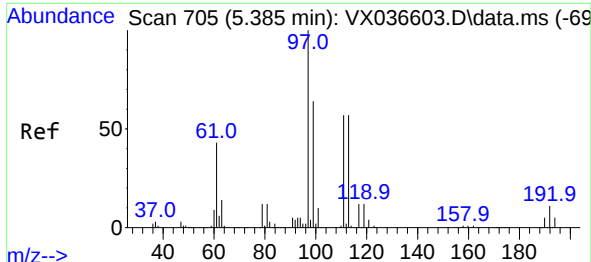
Tgt Ion: 65 Resp: 101063
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX036794.D
 Acq: 03 Aug 2023 12:55

Tgt Ion: 114 Resp: 270453
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 45.0
 88 16.5 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.445 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX036794.D

Acq: 03 Aug 2023 12:55

Instrument :

MSVOA_X

ClientSampleId :

TRE-1763

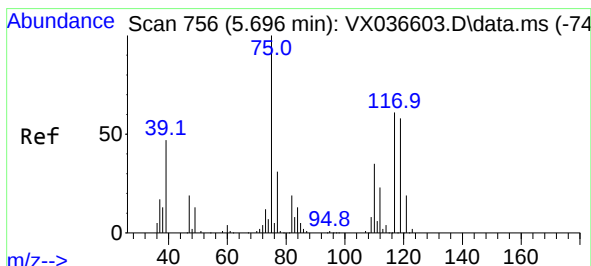
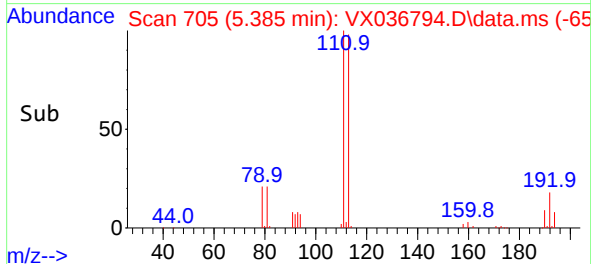
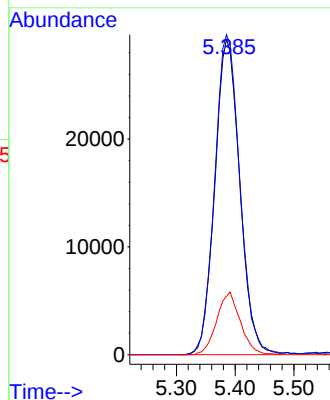
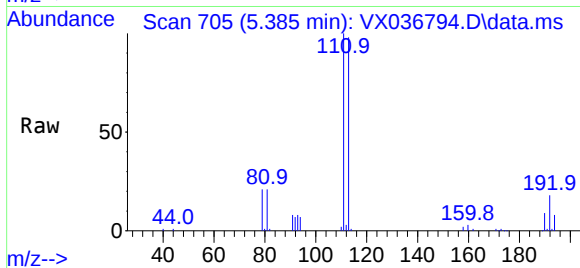
Tgt Ion:113 Resp: 86339

Ion Ratio Lower Upper

113 100

111 101.9 82.9 124.3

192 18.8 13.3 19.9



#36

1,1-Dichloropropene

Concen: 4.423 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.152 min

Lab File: VX036794.D

Acq: 03 Aug 2023 12:55

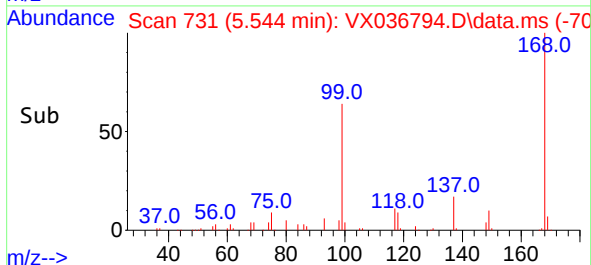
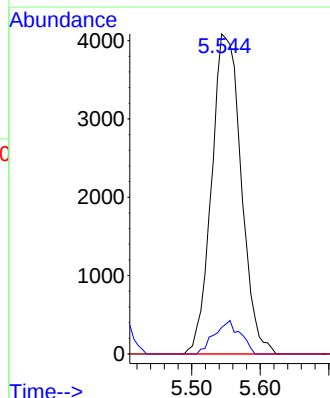
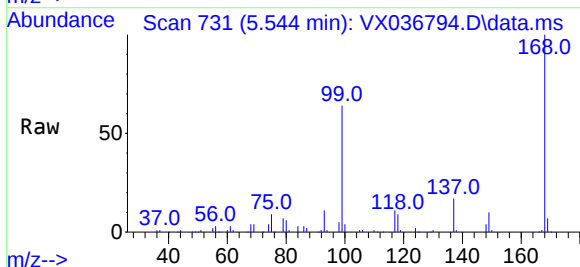
Tgt Ion: 75 Resp: 12256

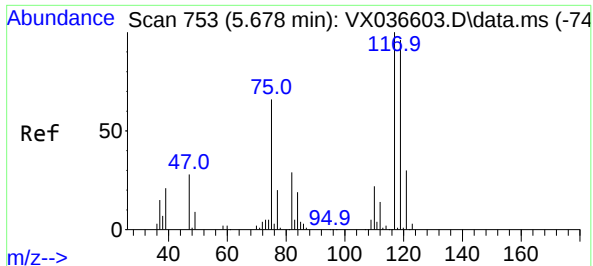
Ion Ratio Lower Upper

75 100

110 9.1 17.0 50.9#

77 0.0 24.7 37.1#

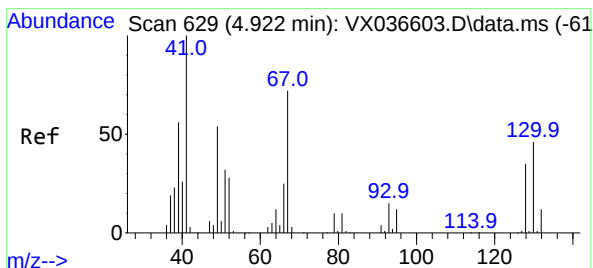
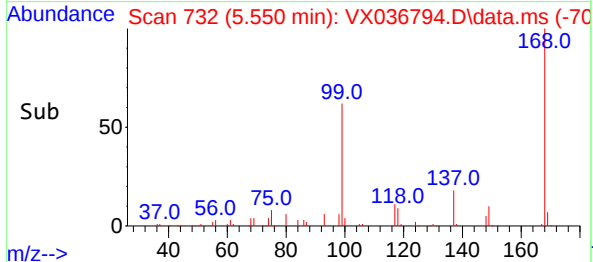
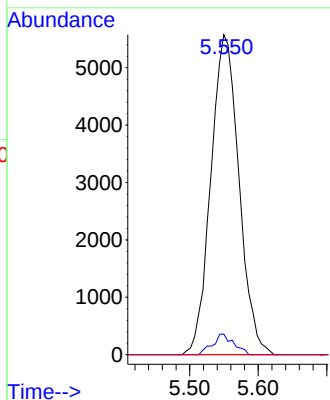
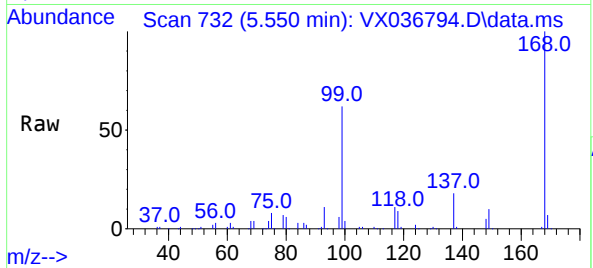




#38
Carbon Tetrachloride
Concen: 5.399 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX036794.D
Acq: 03 Aug 2023 12:55

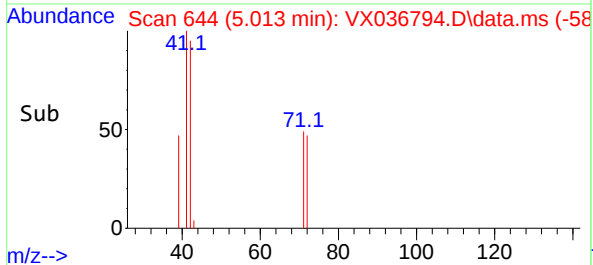
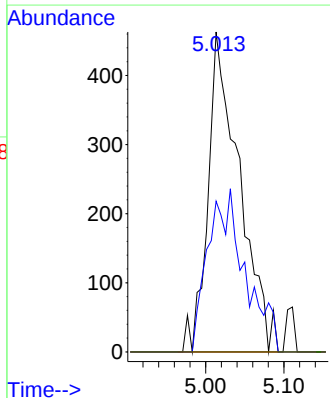
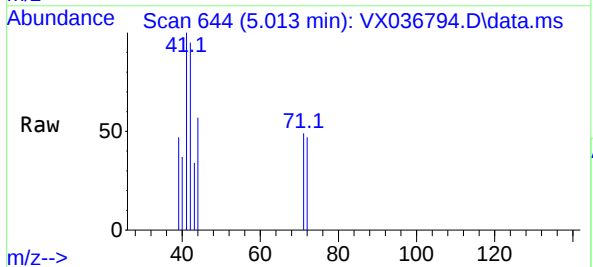
Instrument :
MSVOA_X
ClientSampleId :
TRE-1763

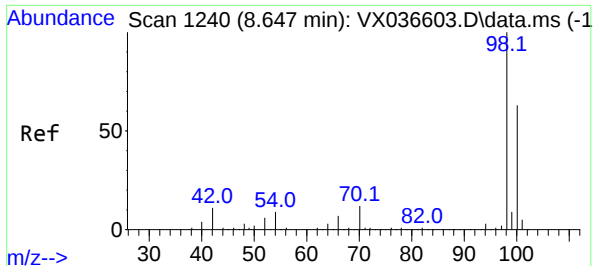
Tgt Ion:117 Resp: 15903
Ion Ratio Lower Upper
117 100
119 6.4 78.2 117.2#
121 0.0 24.4 36.6#



#41
Methacrylonitrile
Concen: 0.769 ug/l
RT: 5.013 min Scan# 644
Delta R.T. 0.091 min
Lab File: VX036794.D
Acq: 03 Aug 2023 12:55

Tgt Ion: 41 Resp: 1290
Ion Ratio Lower Upper
41 100
39 59.8 45.2 67.8
67 0.0 52.6 78.8#
52 0.0 22.7 34.1#





#50

Toluene-d8

Concen: 48.951 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX036794.D

Acq: 03 Aug 2023 12:55

Instrument :

MSVOA_X

ClientSampleId :

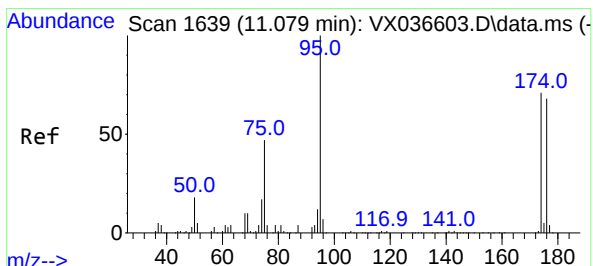
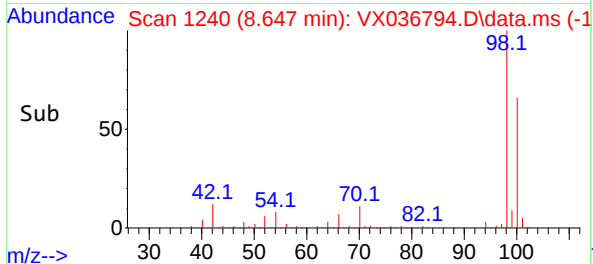
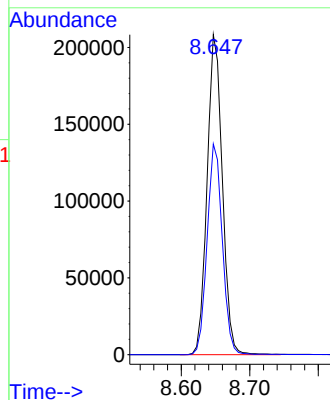
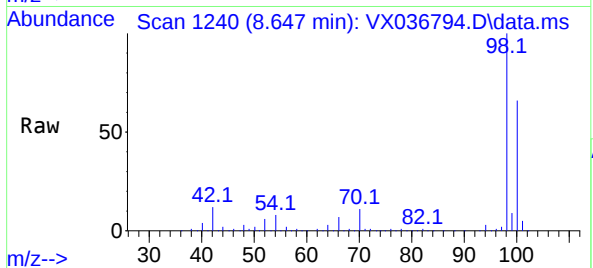
TRE-1763

Tgt Ion: 98 Resp: 322697

Ion Ratio Lower Upper

98 100

100 65.6 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 48.810 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX036794.D

Acq: 03 Aug 2023 12:55

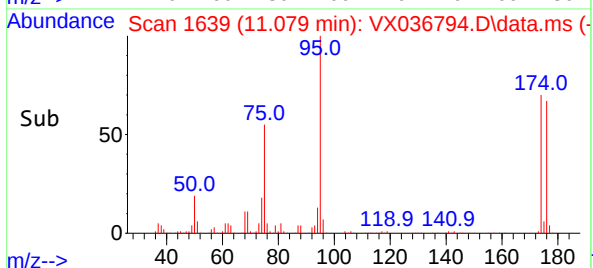
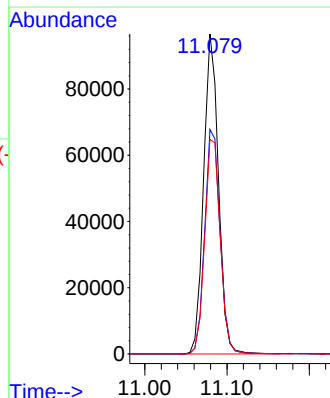
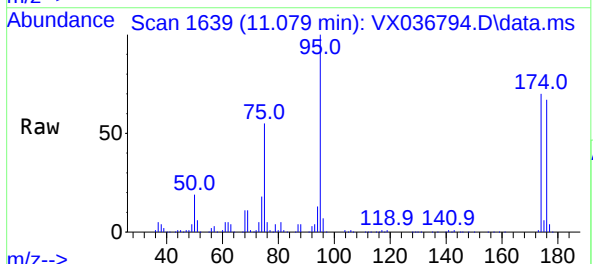
Tgt Ion: 95 Resp: 121396

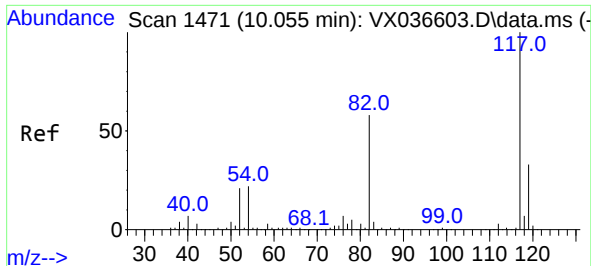
Ion Ratio Lower Upper

95 100

174 72.7 0.0 135.6

176 70.3 0.0 131.0

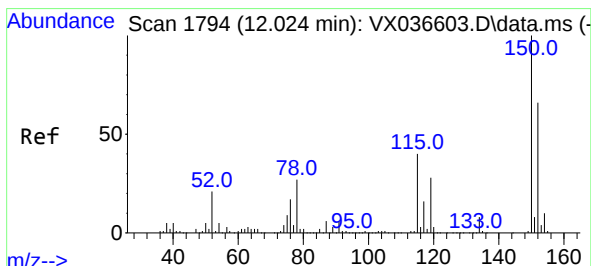
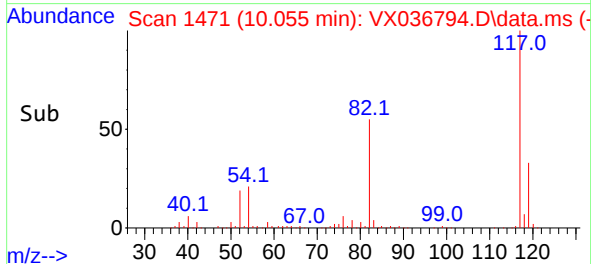
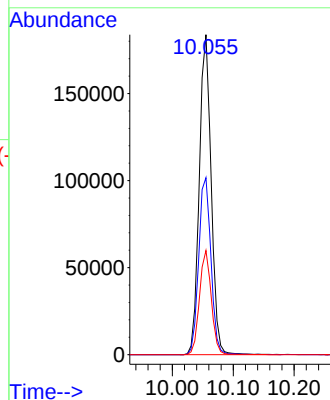
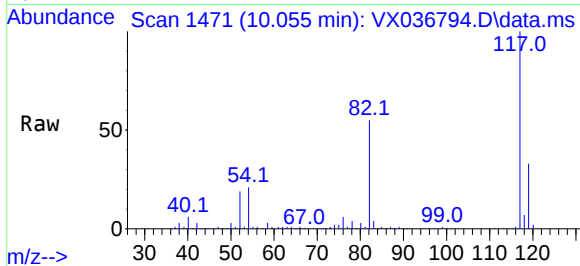




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX036794.D
Acq: 03 Aug 2023 12:55

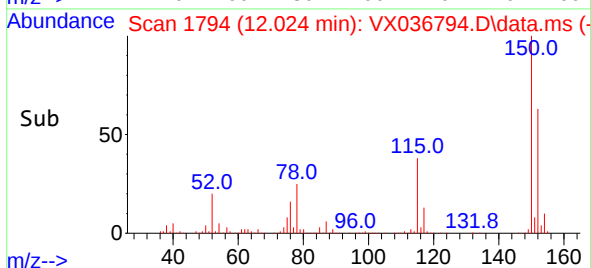
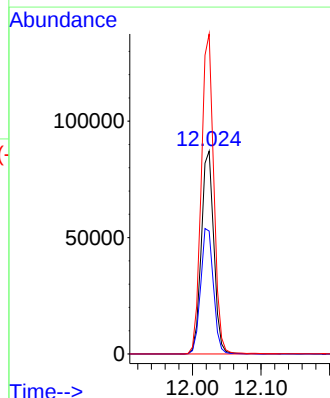
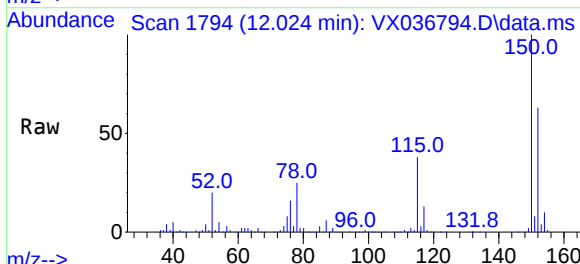
Instrument :
MSVOA_X
ClientSampleId :
TRE-1763

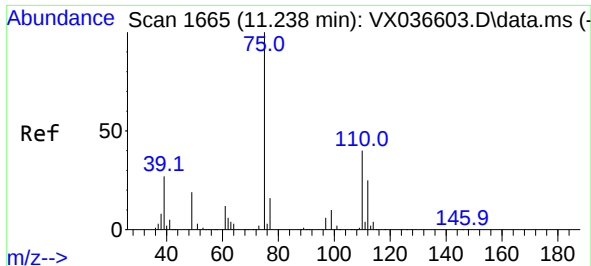
Tgt Ion:117 Resp: 249052
Ion Ratio Lower Upper
117 100
82 55.3 46.2 69.4
119 32.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX036794.D
Acq: 03 Aug 2023 12:55

Tgt Ion:152 Resp: 110964
Ion Ratio Lower Upper
152 100
115 63.1 43.3 129.9
150 158.1 0.0 345.0

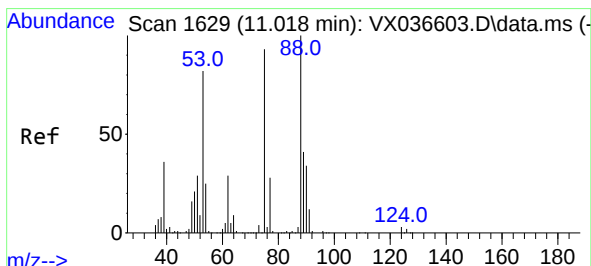
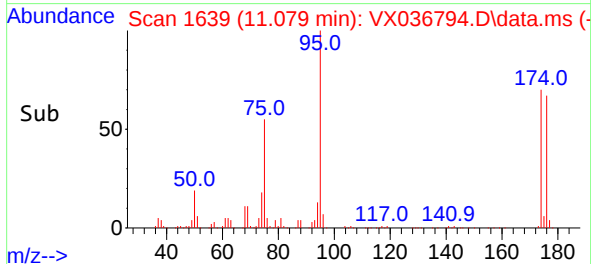
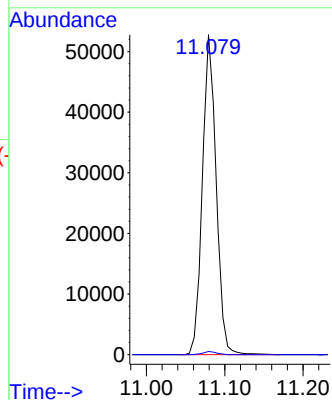
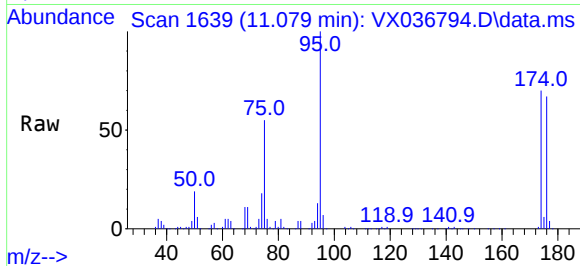




#76
1,2,3-Trichloropropane
Concen: 24.698 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX036794.D
Acq: 03 Aug 2023 12:55

Instrument :
MSVOA_X
ClientSampleId :
TRE-1763

Tgt Ion: 75 Resp: 64462
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 55.980 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX036794.D
Acq: 03 Aug 2023 12:55

Tgt Ion: 75 Resp: 64462
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

