

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111423\
 Data File : VX038796.D
 Acq On : 14 Nov 2023 11:20
 Operator : JC/MD
 Sample : VX1114MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 14 18:26:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 14 09:15:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	107522	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	205539	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	209926	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	111204	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	69814	45.639	ug/l	-0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.280%
35) Dibromofluoromethane	5.385	113	63394	44.895	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.800%
50) Toluene-d8	8.647	98	249471	47.697	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.400%
62) 4-Bromofluorobenzene	11.079	95	115823	52.964	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.920%

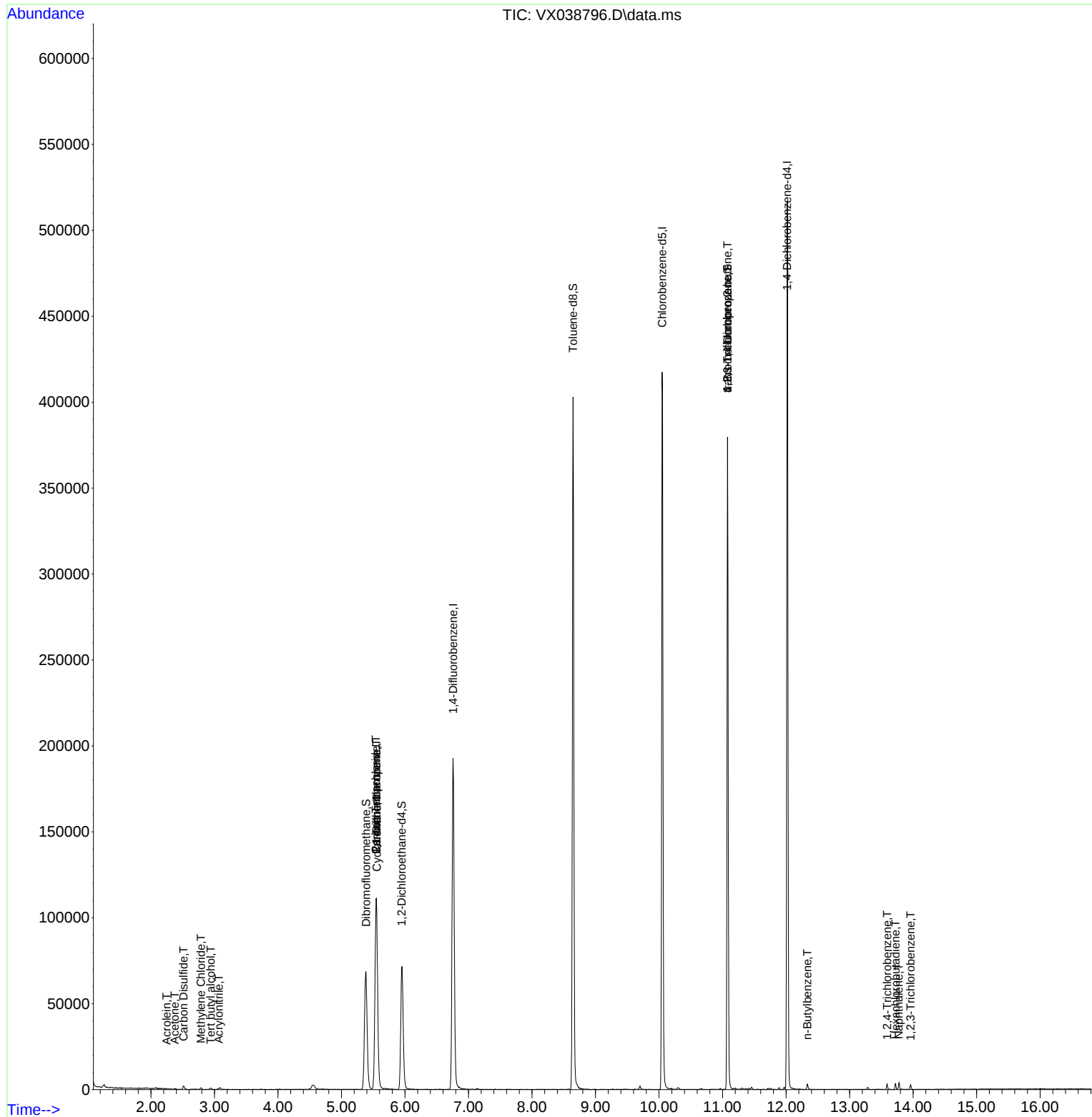
Target Compounds				Qvalue		
5) Bromomethane	1.611	94	39	Below Cal	#	3
11) Tert butyl alcohol	2.940	59	683	1.747	ug/l #	78
13) Acrolein	2.245	56	84	0.323	ug/l #	34
15) Acrylonitrile	3.068	53	556	0.653	ug/l	90
16) Acetone	2.373	43	459	0.560	ug/l #	47
17) Carbon Disulfide	2.514	76	2390	0.714	ug/l #	82
20) Methylene Chloride	2.788	84	470	0.307	ug/l #	81
31) Cyclohexane	5.556	56	1865	0.895	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	8292	4.177	ug/l #	48
38) Carbon Tetrachloride	5.544	117	11010	6.000	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	51170	21.550	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	51170	61.925	ug/l #	5
89) n-Butylbenzene	12.335	91	1444	0.228	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	833	0.369	ug/l	96
94) Hexachlorobutadiene	13.725	225	540	0.629	ug/l	93
95) Naphthalene	13.774	128	3214	0.397	ug/l #	95
96) 1,2,3-Trichlorobenzene	13.963	180	918	0.414	ug/l	80

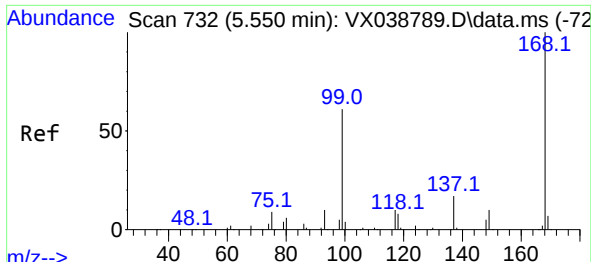
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111423\
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Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

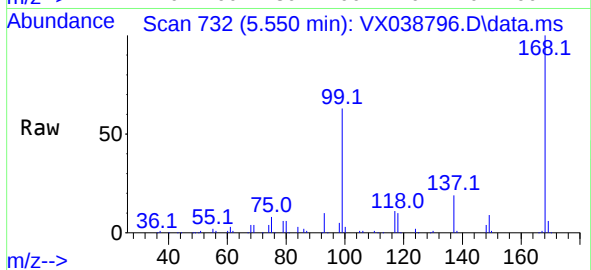
Quant Time: Nov 14 18:26:39 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111423W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 14 09:15:55 2023
Response via : Initial Calibration



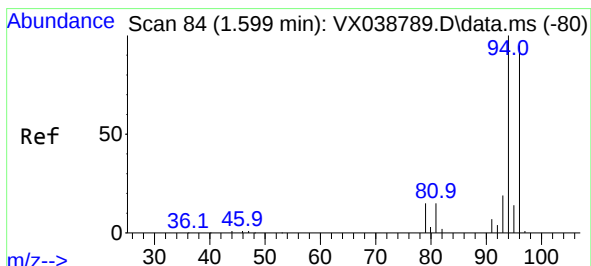
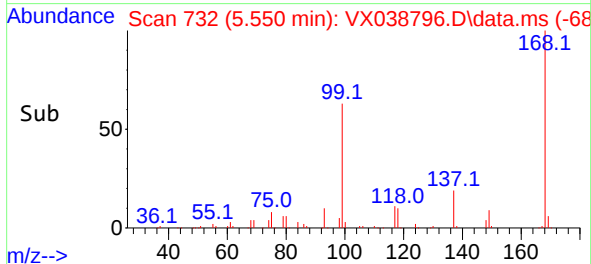
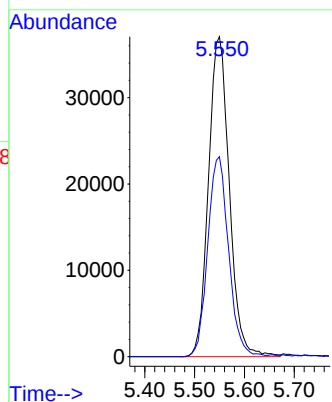


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038796.D
Acq: 14 Nov 2023 11:20

Instrument :
MSVOA_X
ClientSampleId :

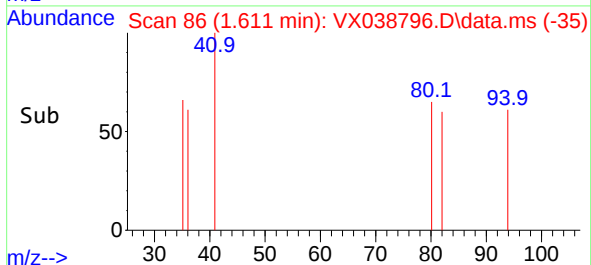
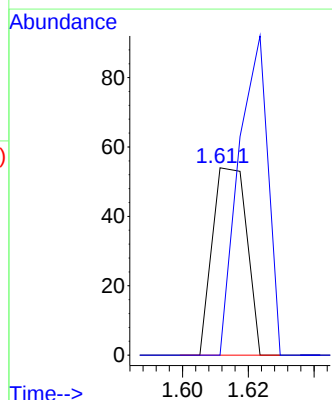
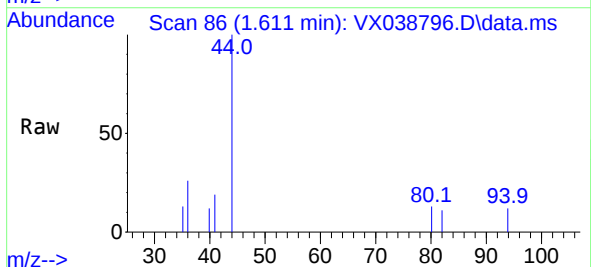


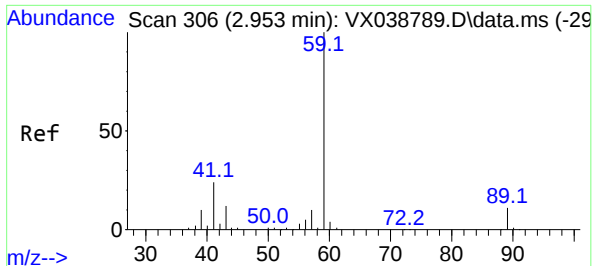
Tgt Ion:168 Resp: 107522
Ion Ratio Lower Upper
168 100
99 62.5 56.6 85.0



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX038796.D
Acq: 14 Nov 2023 11:20

Tgt Ion: 94 Resp: 39
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#

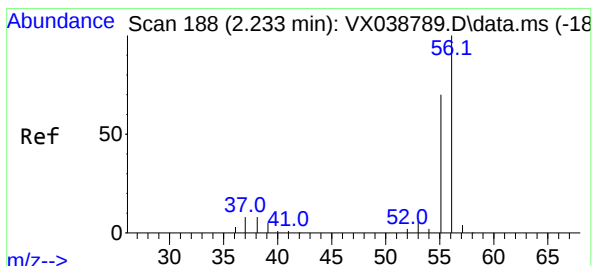
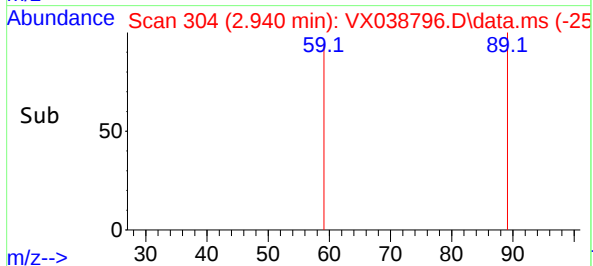
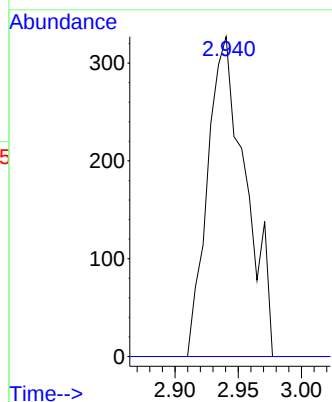
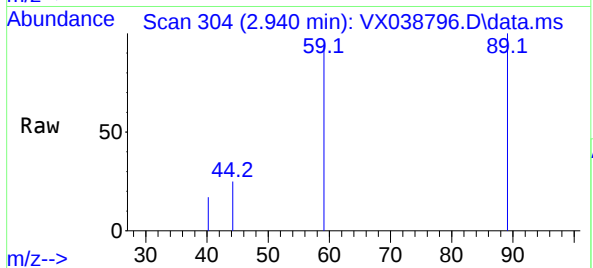




#11
Tert butyl alcohol
Concen: 1.747 ug/l
RT: 2.940 min Scan# 30
Delta R.T. -0.012 min
Lab File: VX038796.D
Acq: 14 Nov 2023 11:20

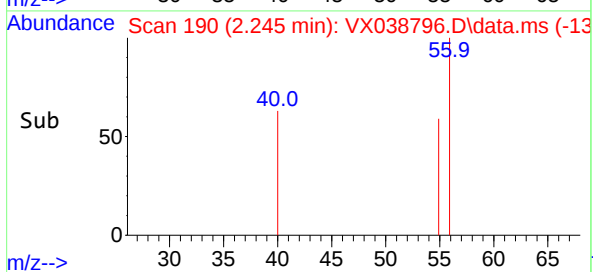
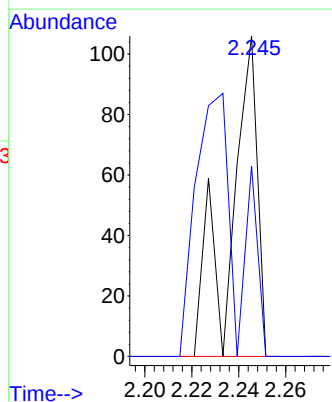
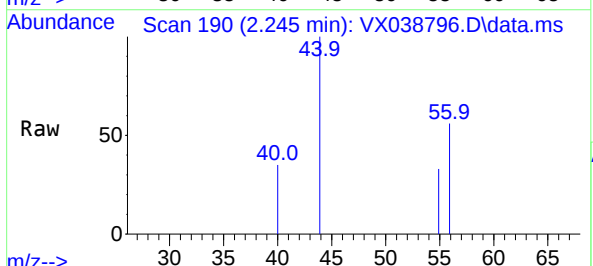
Instrument :
MSVOA_X
ClientSampleId :

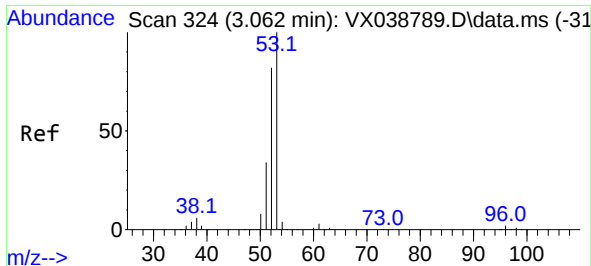
Tgt Ion: 59 Resp: 683
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#13
Acrolein
Concen: 0.323 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.012 min
Lab File: VX038796.D
Acq: 14 Nov 2023 11:20

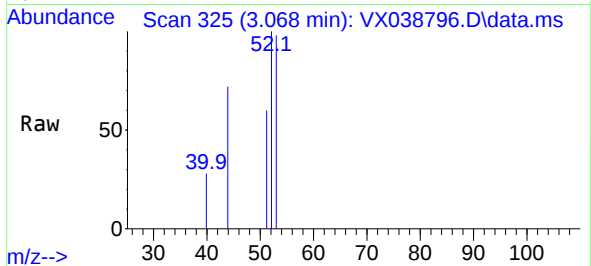
Tgt Ion: 56 Resp: 84
Ion Ratio Lower Upper
56 100
55 126.2 57.1 85.7#



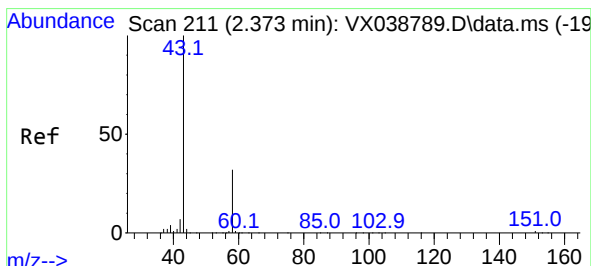
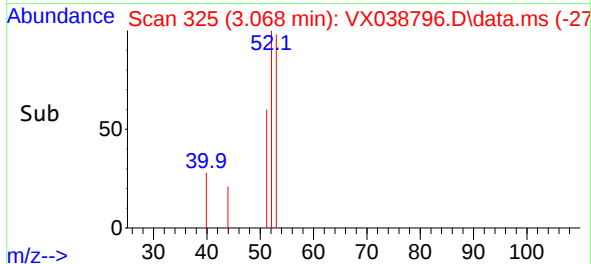
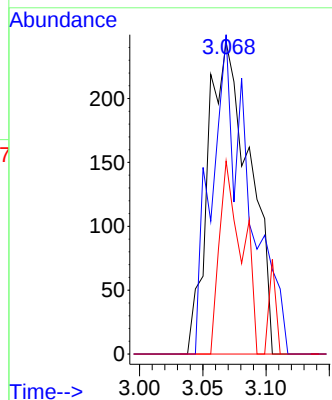


#15
Acrylonitrile
Concen: 0.653 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX038796.D
Acq: 14 Nov 2023 11:20

Instrument :
MSVOA_X
ClientSampleId :

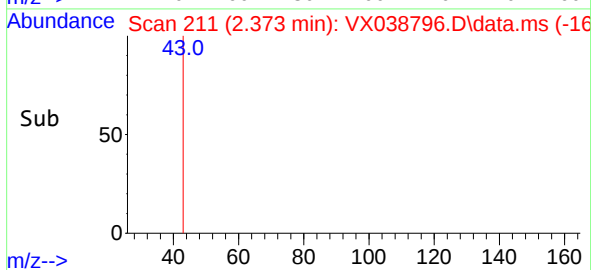
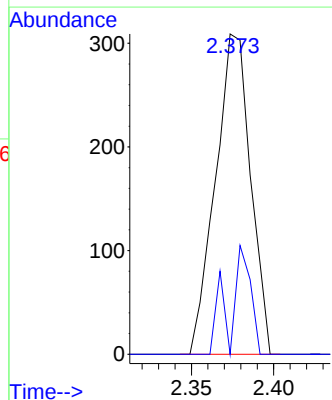
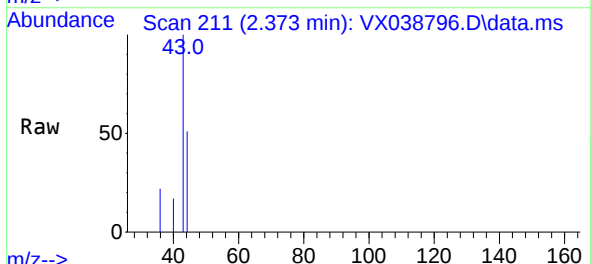


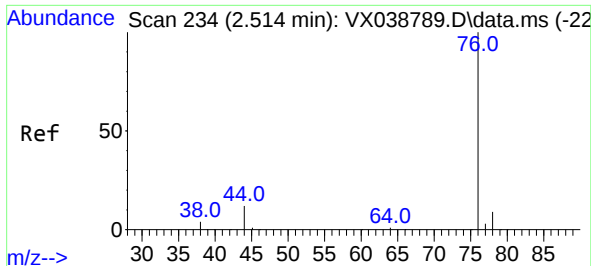
Tgt Ion: 53 Resp: 556
Ion Ratio Lower Upper
53 100
52 92.6 66.0 99.0
51 33.8 29.8 44.6



#16
Acetone
Concen: 0.560 ug/l
RT: 2.373 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX038796.D
Acq: 14 Nov 2023 11:20

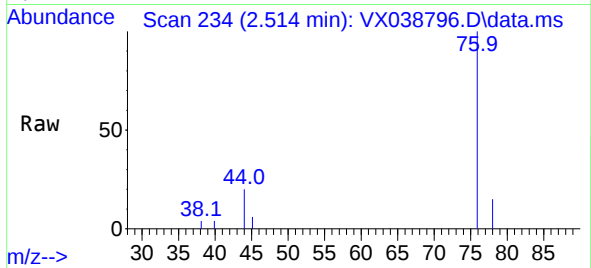
Tgt Ion: 43 Resp: 459
Ion Ratio Lower Upper
43 100
58 0.0 21.9 32.9#



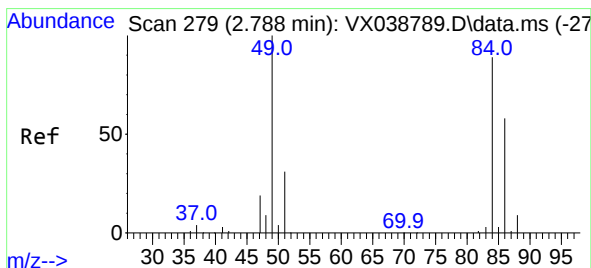
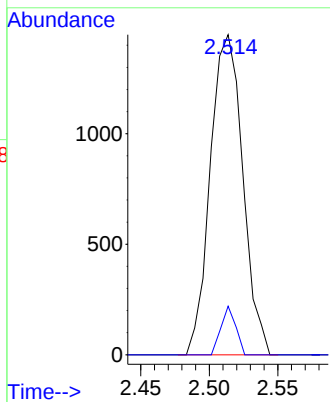
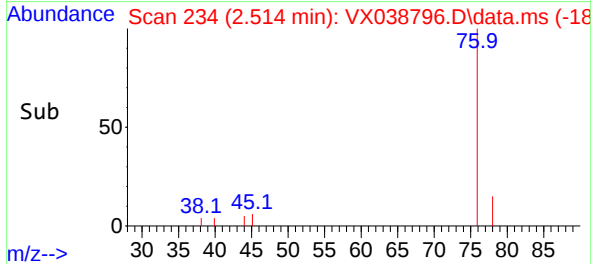


#17
Carbon Disulfide
Concen: 0.714 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX038796.D
Acq: 14 Nov 2023 11:20

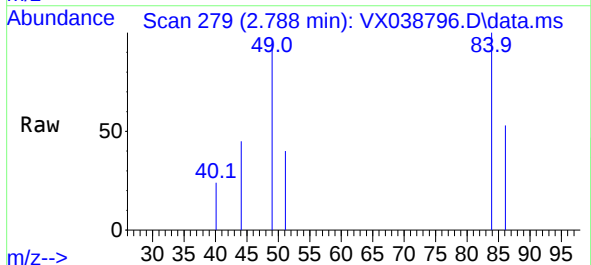
Instrument :
MSVOA_X
ClientSampleId :



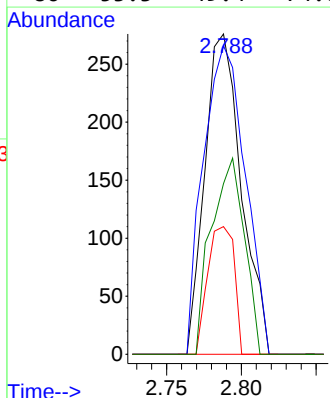
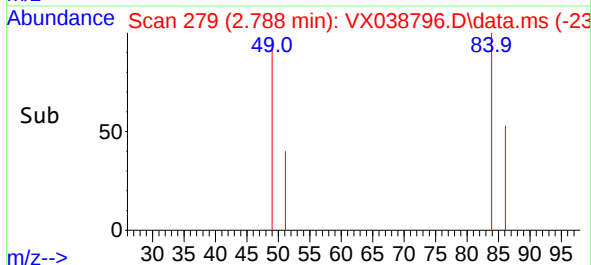
Tgt Ion: 76 Resp: 2390
Ion Ratio Lower Upper
76 100
78 15.2 7.0 10.6#

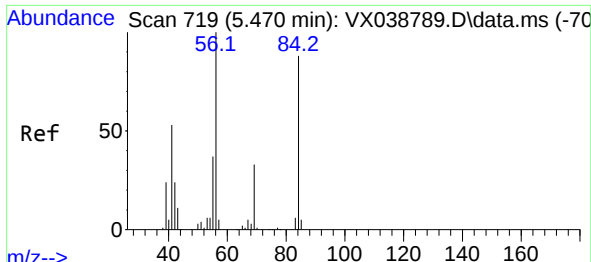


#20
Methylene Chloride
Concen: 0.307 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX038796.D
Acq: 14 Nov 2023 11:20



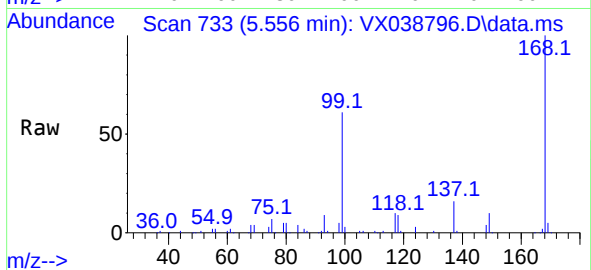
Tgt Ion: 84 Resp: 470
Ion Ratio Lower Upper
84 100
49 96.4 103.6 155.4#
51 39.9 33.8 50.6
86 53.3 49.4 74.0



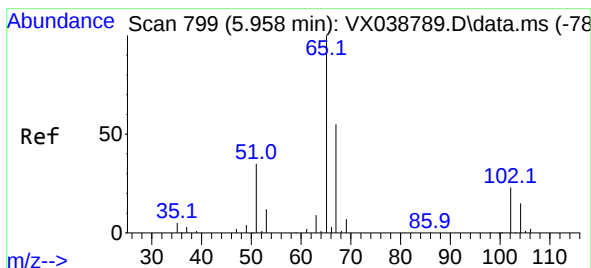
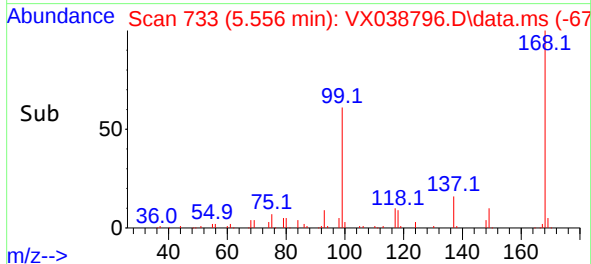
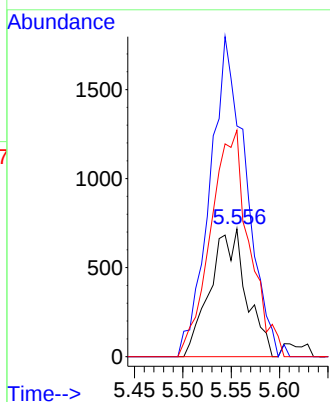


#31
Cyclohexane
Concen: 0.895 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX038796.D
Acq: 14 Nov 2023 11:20

Instrument :
MSVOA_X
ClientSampleId :

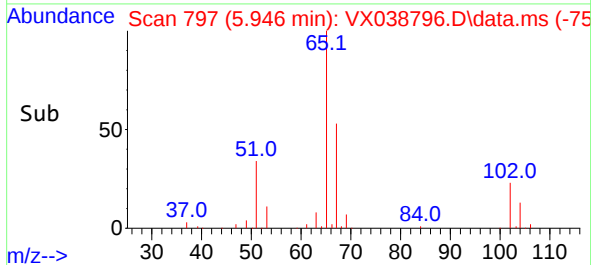
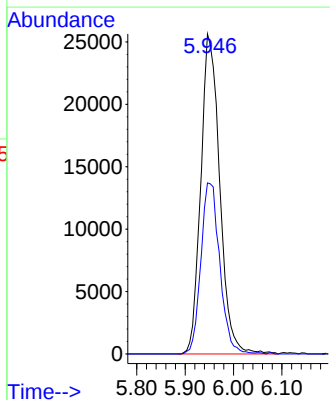
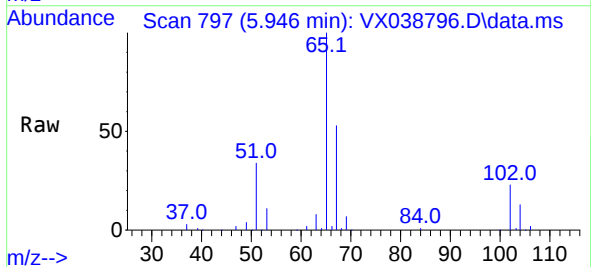


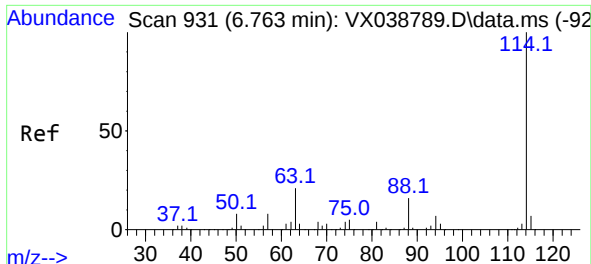
Tgt Ion: 56 Resp: 1865
Ion Ratio Lower Upper
56 100
69 180.5 23.4 35.2#
84 177.0 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 45.639 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.012 min
Lab File: VX038796.D
Acq: 14 Nov 2023 11:20

Tgt Ion: 65 Resp: 69814
Ion Ratio Lower Upper
65 100
67 53.2 0.0 100.2

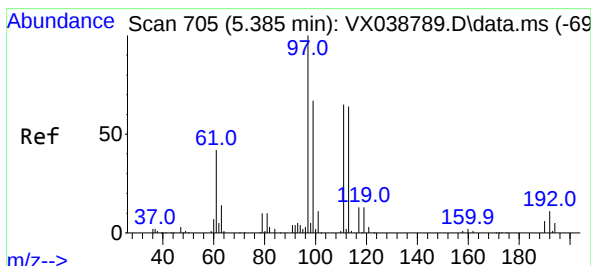
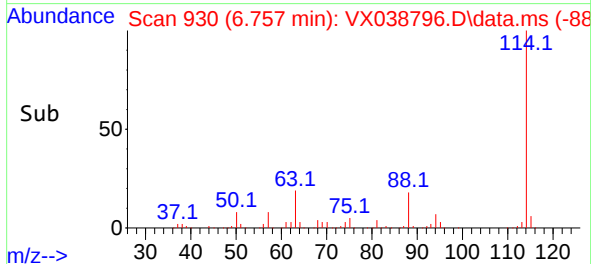
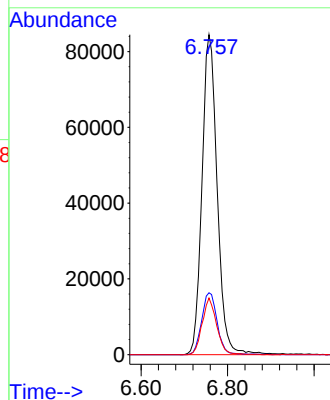
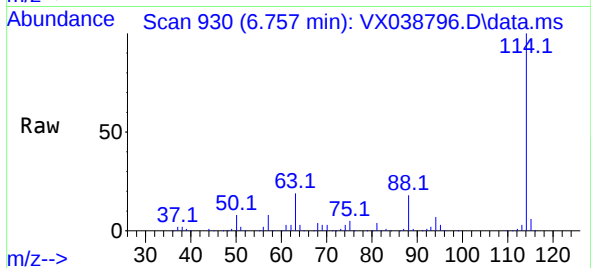




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX038796.D
Acq: 14 Nov 2023 11:20

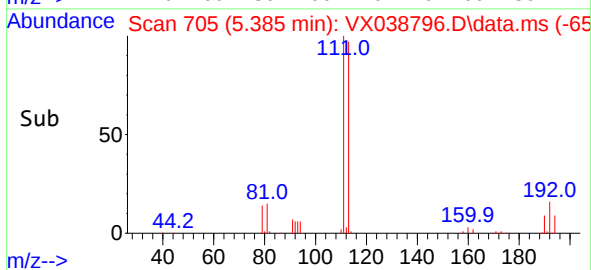
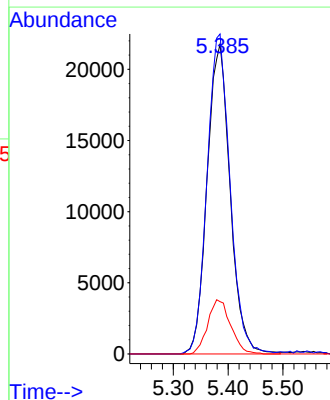
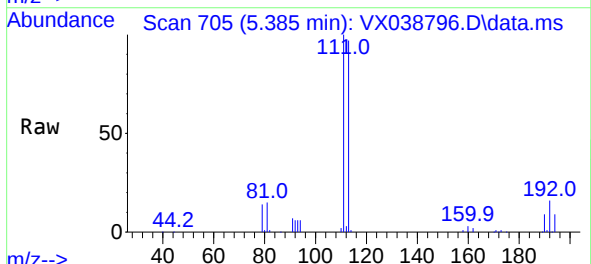
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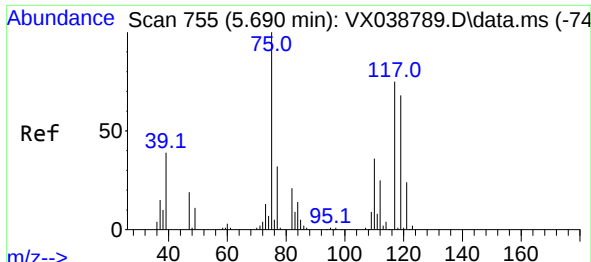
Tgt Ion:114 Resp: 205539
Ion Ratio Lower Upper
114 100
63 19.3 0.0 45.0
88 17.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.895 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038796.D
Acq: 14 Nov 2023 11:20

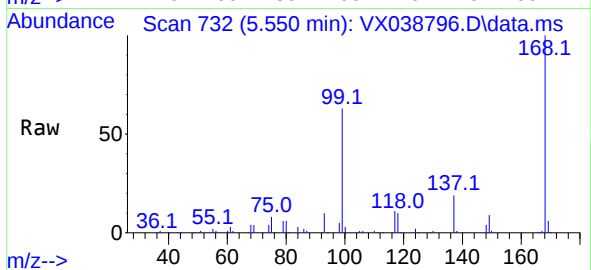
Tgt Ion:113 Resp: 63394
Ion Ratio Lower Upper
113 100
111 102.9 82.9 124.3
192 17.4 13.3 19.9



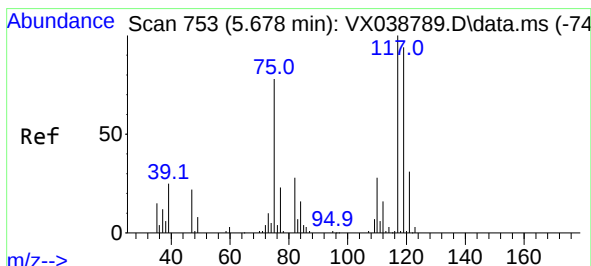
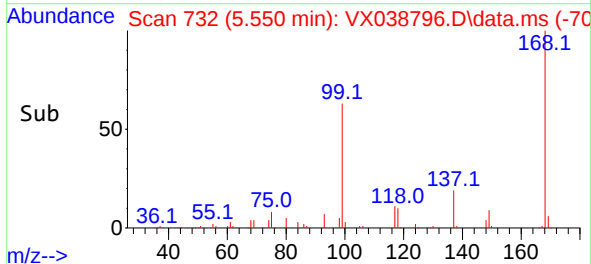
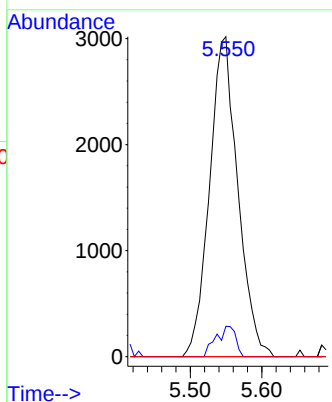


#36
1,1-Dichloropropene
Concen: 4.177 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX038796.D
Acq: 14 Nov 2023 11:20

Instrument :
MSVOA_X
ClientSampleId :

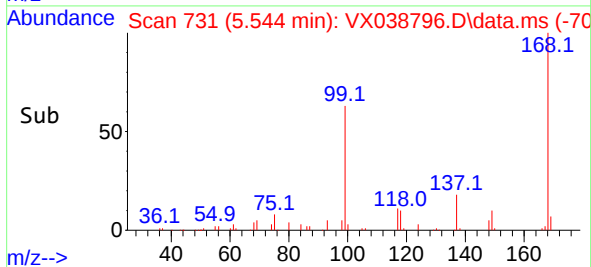
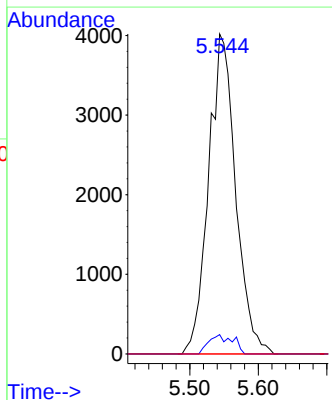
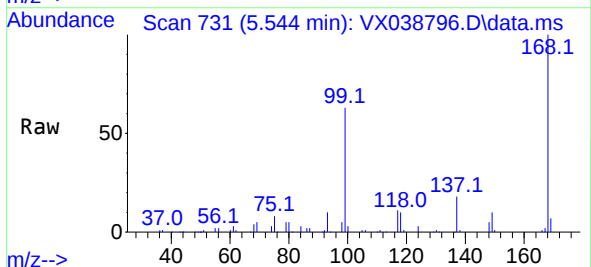


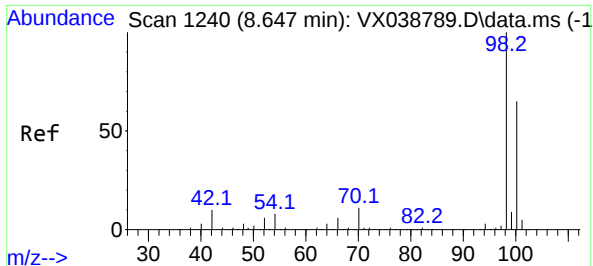
Tgt Ion: 75 Resp: 8292
Ion Ratio Lower Upper
75 100
110 6.6 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.134 min
Lab File: VX038796.D
Acq: 14 Nov 2023 11:20

Tgt Ion: 117 Resp: 11010
Ion Ratio Lower Upper
117 100
119 6.0 78.2 117.2#
121 0.0 24.4 36.6#

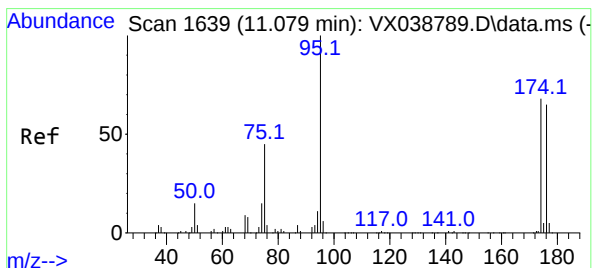
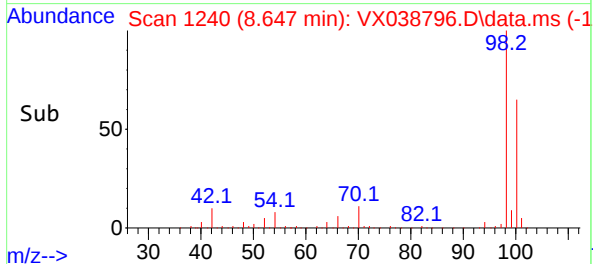
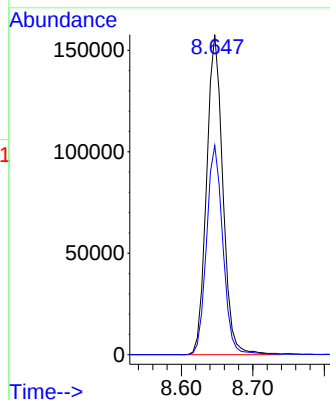
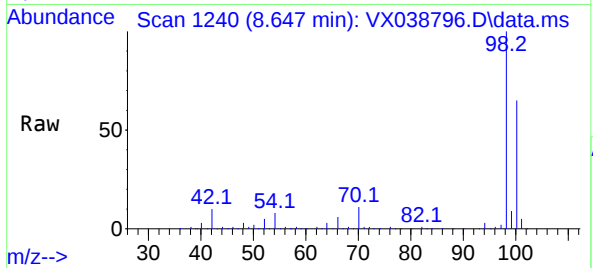




#50
Toluene-d8
Concen: 47.697 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038796.D
Acq: 14 Nov 2023 11:20

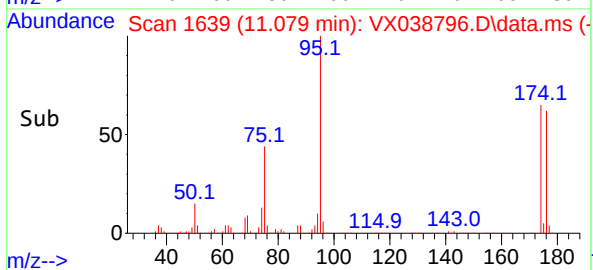
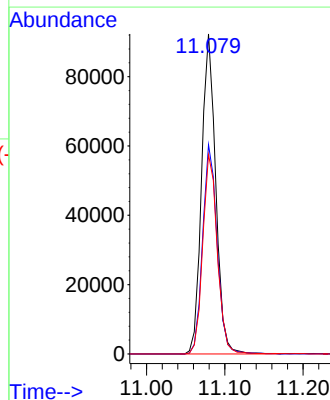
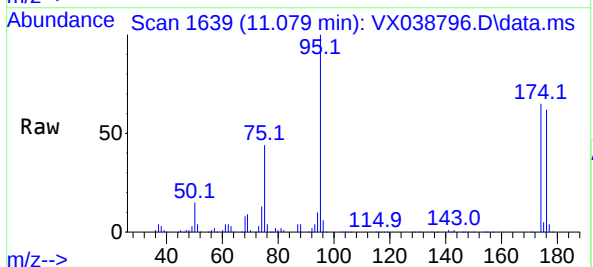
Instrument :
MSVOA_X
ClientSampleId :

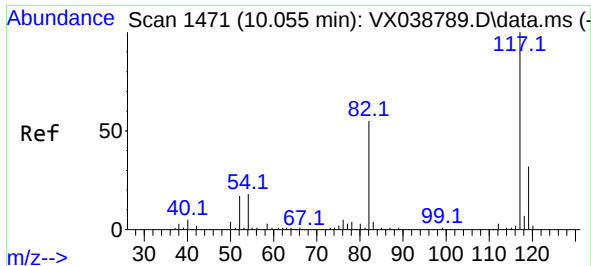
Tgt Ion: 98 Resp: 249471
Ion Ratio Lower Upper
98 100
100 65.6 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 52.964 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038796.D
Acq: 14 Nov 2023 11:20

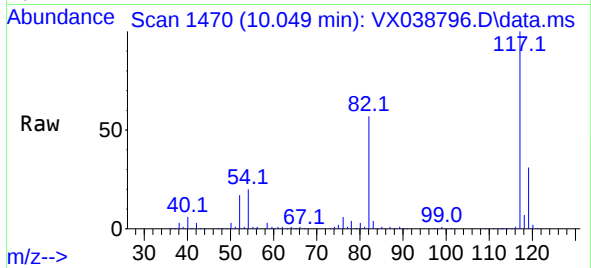
Tgt Ion: 95 Resp: 115823
Ion Ratio Lower Upper
95 100
174 66.9 0.0 135.6
176 64.0 0.0 131.0



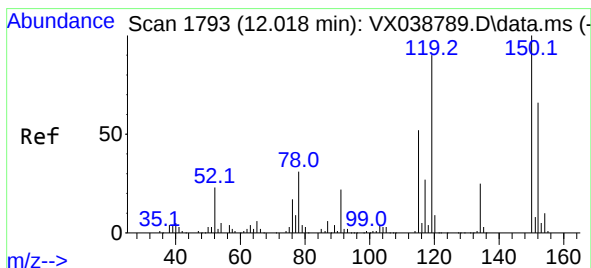
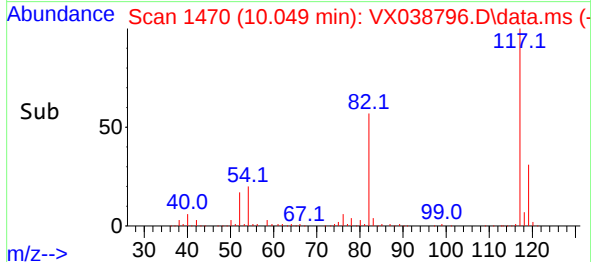
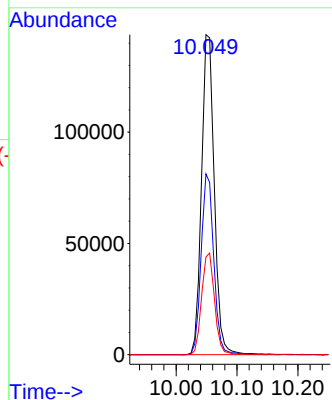


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX038796.D
Acq: 14 Nov 2023 11:20

Instrument :
MSVOA_X
ClientSampleId :

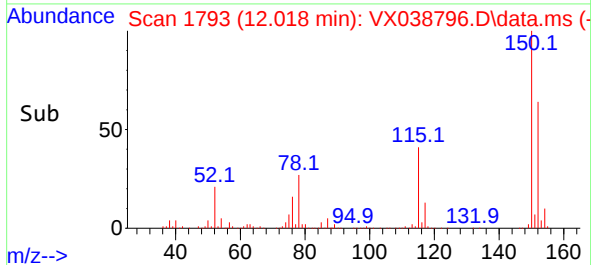
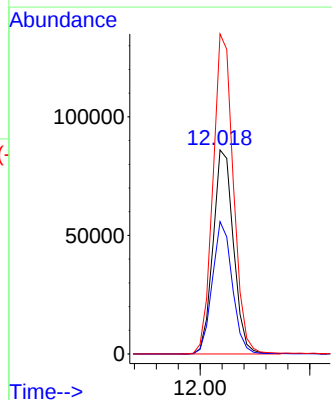
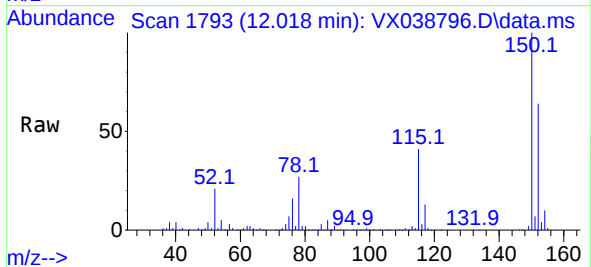


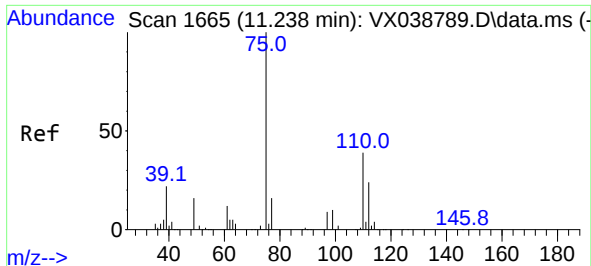
Tgt Ion:117 Resp: 209926
Ion Ratio Lower Upper
117 100
82 56.5 46.2 69.4
119 30.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX038796.D
Acq: 14 Nov 2023 11:20

Tgt Ion:152 Resp: 111204
Ion Ratio Lower Upper
152 100
115 63.4 43.3 129.9
150 157.4 0.0 345.0

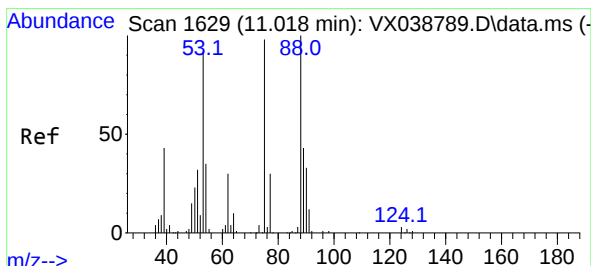
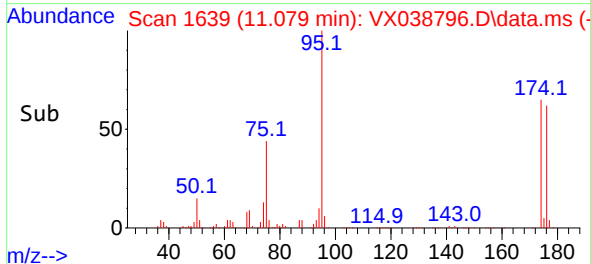
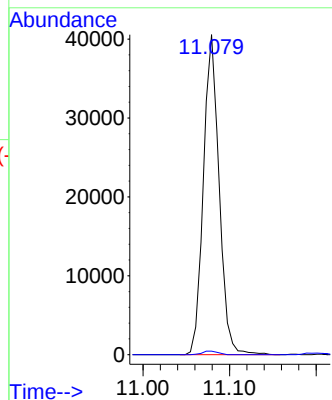
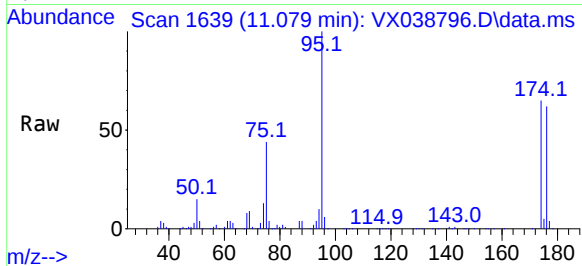




#76
1,2,3-Trichloropropane
Concen: 21.550 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX038796.D
Acq: 14 Nov 2023 11:20

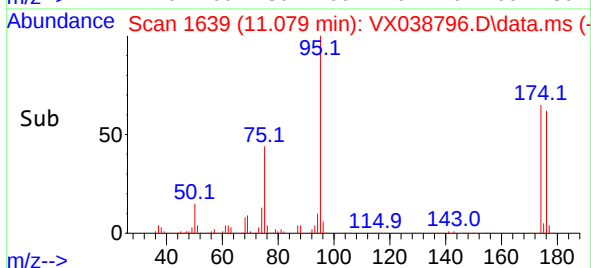
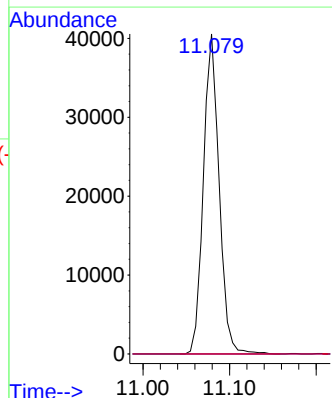
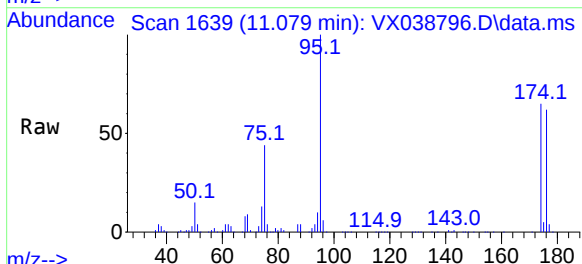
Instrument :
MSVOA_X
ClientSampleId :

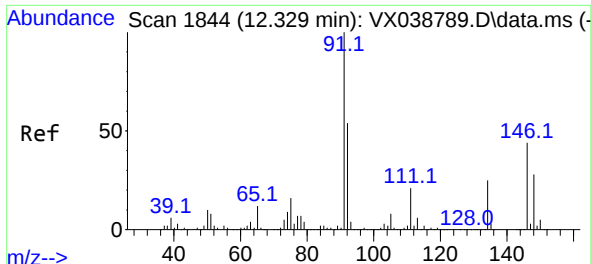
Tgt Ion: 75 Resp: 51170
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.925 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX038796.D
Acq: 14 Nov 2023 11:20

Tgt Ion: 75 Resp: 51170
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#





#89

n-Butylbenzene

Concen: 0.228 ug/l

RT: 12.335 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX038796.D

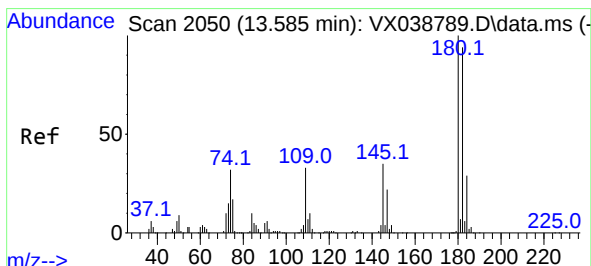
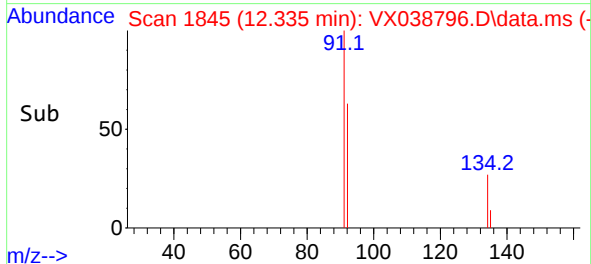
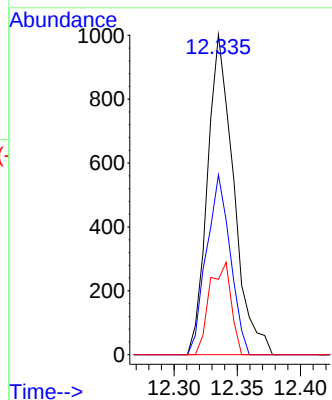
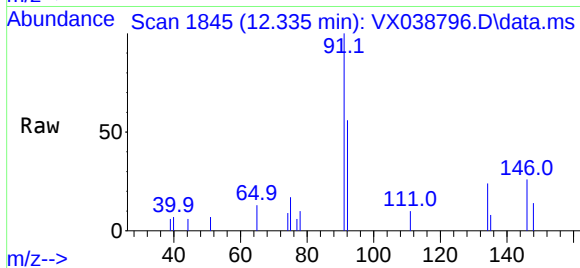
Acq: 14 Nov 2023 11:20

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 91	Resp:	1444
Ion	Ratio	Lower Upper
91	100	
92	51.0	27.4 82.0
134	23.6	12.6 37.8



#93

1,2,4-Trichlorobenzene

Concen: 0.369 ug/l

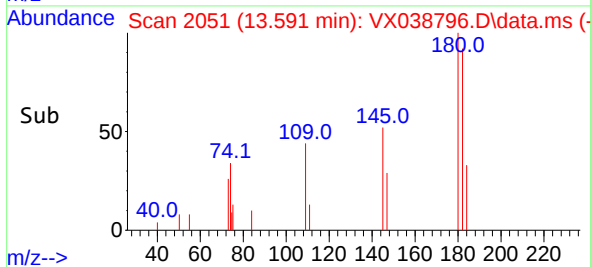
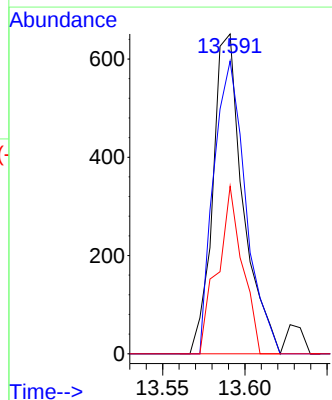
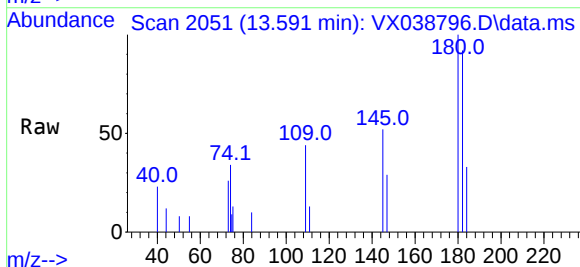
RT: 13.591 min Scan# 2051

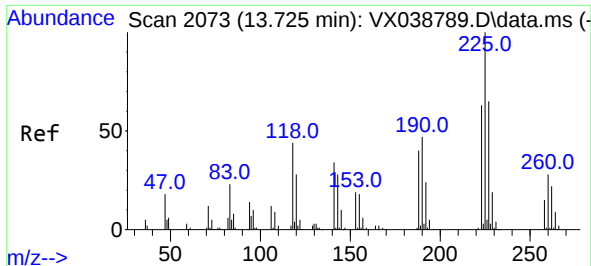
Delta R.T. 0.006 min

Lab File: VX038796.D

Acq: 14 Nov 2023 11:20

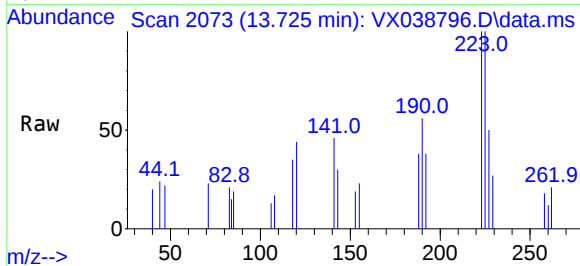
Tgt Ion: 180	Resp:	833
Ion	Ratio	Lower Upper
180	100	
182	97.0	48.3 144.8
145	43.1	18.0 54.0



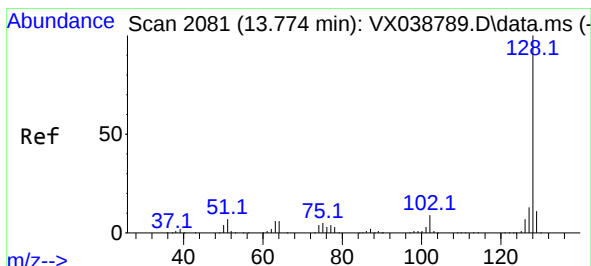
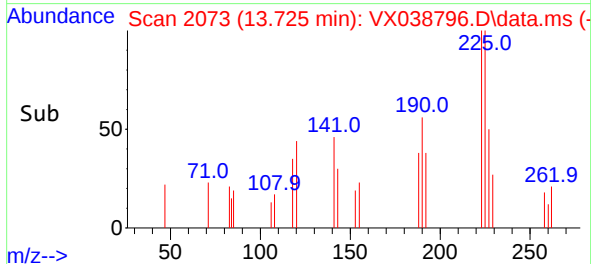
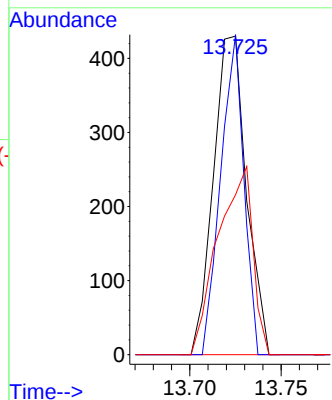


#94
Hexachlorobutadiene
Concen: 0.629 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX038796.D
Acq: 14 Nov 2023 11:20

Instrument :
MSVOA_X
ClientSampleId :

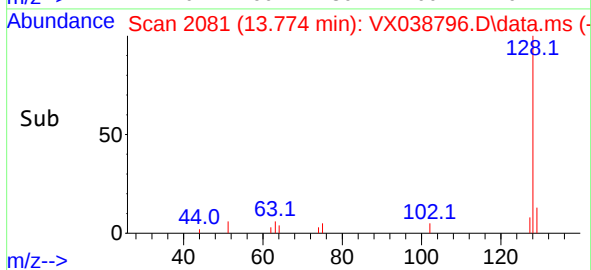
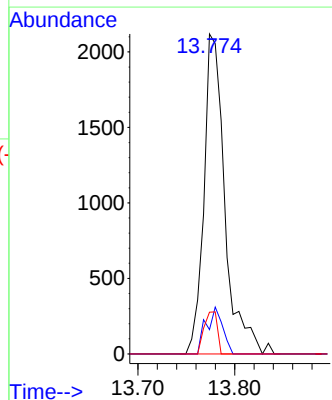
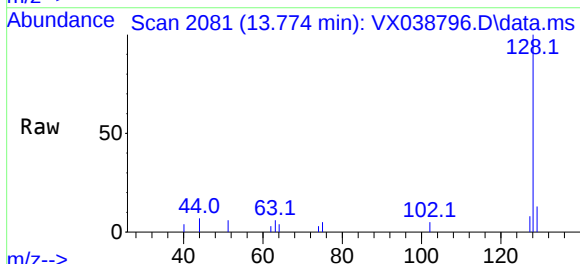


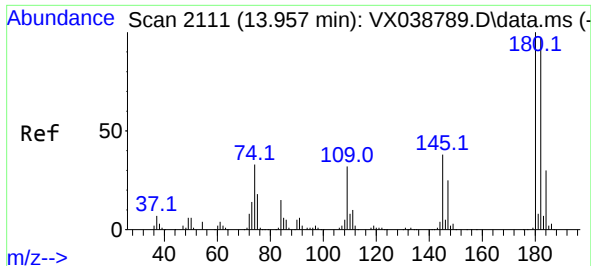
Tgt Ion:	225	Resp:	540
Ion	Ratio	Lower	Upper
225	100		
223	70.2	31.1	93.2
227	62.0	32.5	97.5



#95
Naphthalene
Concen: 0.397 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX038796.D
Acq: 14 Nov 2023 11:20

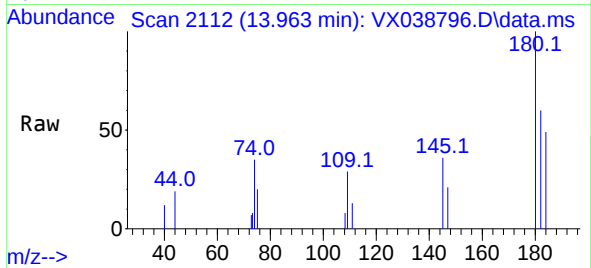
Tgt Ion:	128	Resp:	3214
Ion	Ratio	Lower	Upper
128	100		
127	11.4	10.3	15.5
129	8.2	8.8	13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 0.414 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VX038796.D
 Acq: 14 Nov 2023 11:20

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:180 Resp: 918
 Ion Ratio Lower Upper
 180 100
 182 68.7 46.9 140.6
 145 33.1 17.8 53.5

