

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091823\
 Data File : VY015611.D
 Acq On : 18 Sep 2023 13:24
 Operator : SY/MD
 Sample : VY0918SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 18 17:31:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

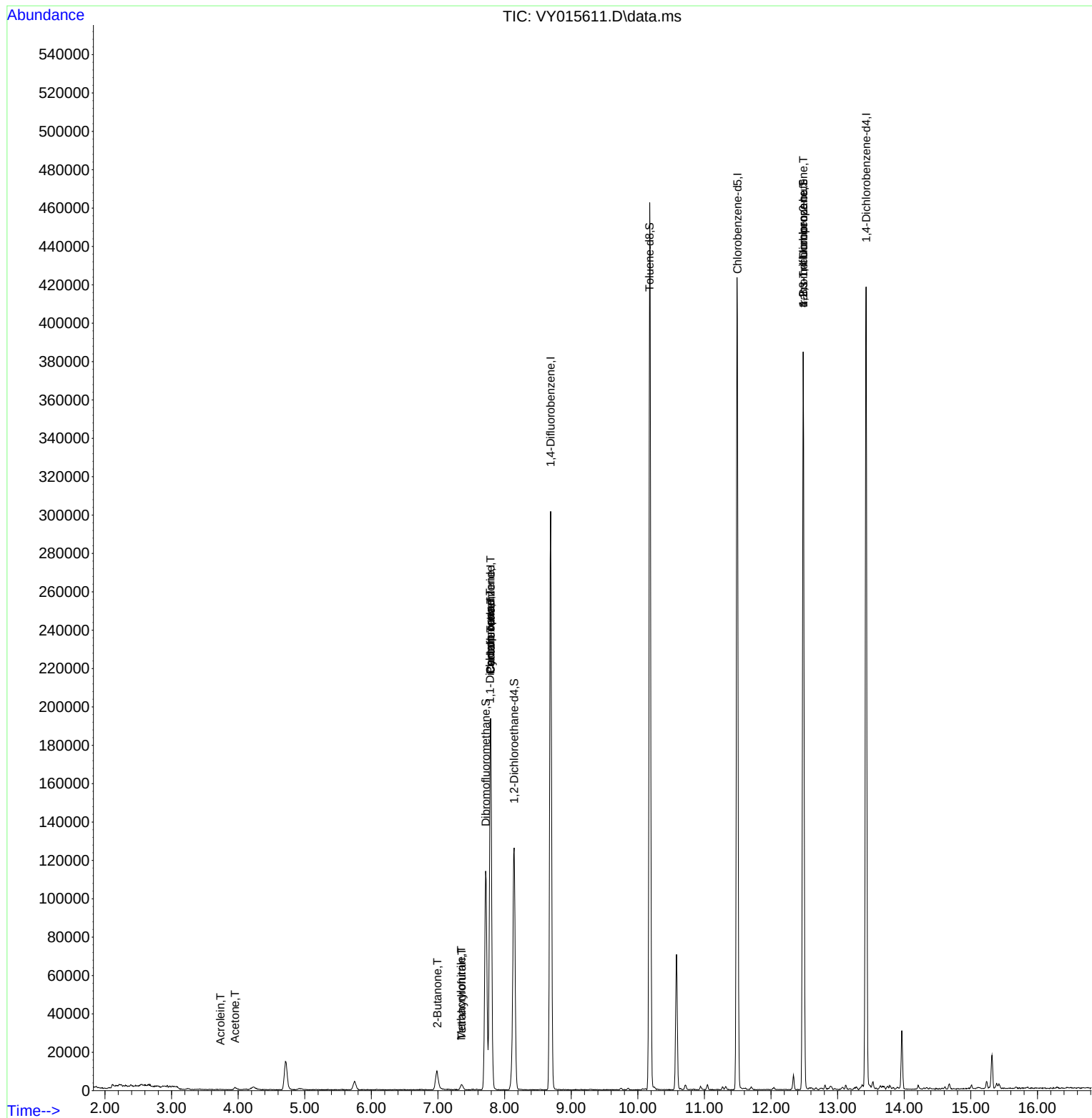
Internal Standards						
1) Pentafluorobenzene	7.789	168	150828	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	258011	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	234818	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	108881	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	96791	59.864	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.720%	
35) Dibromofluoromethane	7.716	113	81240	54.667	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.340%	
50) Toluene-d8	10.179	98	300594	55.855	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.720%	
62) 4-Bromofluorobenzene	12.483	95	103392	51.751	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.500%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	105	Below Cal	#	89
13) Acrolein	3.735	56	148	11.960	ug/l #	34
16) Acetone	3.954	43	2200	3.260	ug/l	90
20) Methylene Chloride	4.716	84	10966	Below Cal		91
25) 2-Butanone	6.990	43	1416	1.479	ug/l	92
29) Tetrahydrofuran	7.356	42	2291	3.811	ug/l	90
31) Cyclohexane	7.789	56	2969	1.034	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	12107	4.640	ug/l #	50
38) Carbon Tetrachloride	7.789	117	15316	5.683	ug/l #	16
41) Methacrylonitrile	7.350	41	1219	1.292	ug/l #	42
76) 1,2,3-Trichloropropane	12.483	75	55174	38.212	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	55174	84.292	ug/l #	11

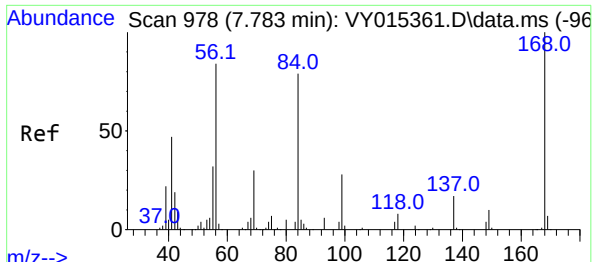
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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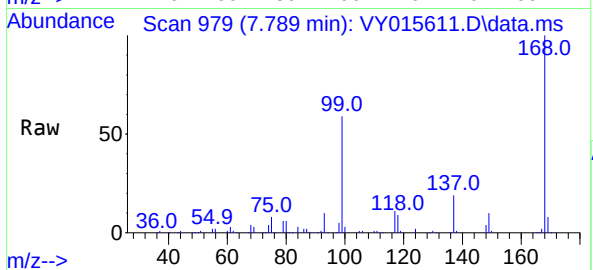
Quant Time: Sep 18 17:31:31 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
Response via : Initial Calibration



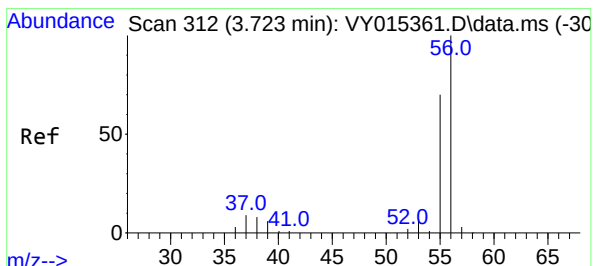
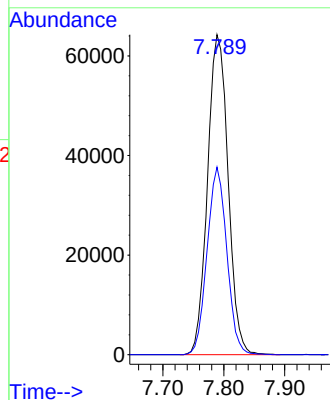
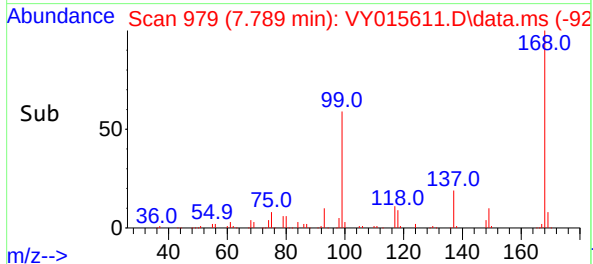


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015611.D
Acq: 18 Sep 2023 13:24

Instrument :
MSVOA_Y
ClientSampleId :

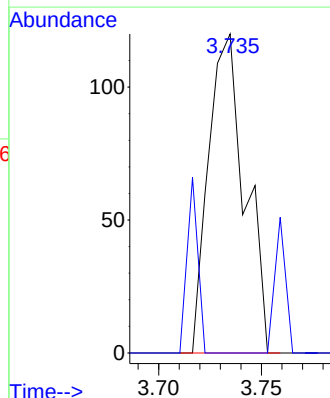
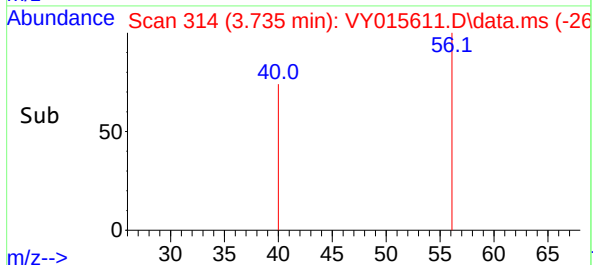
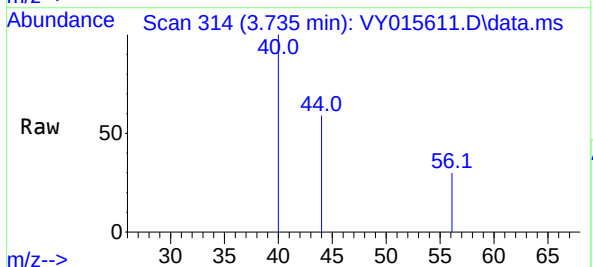


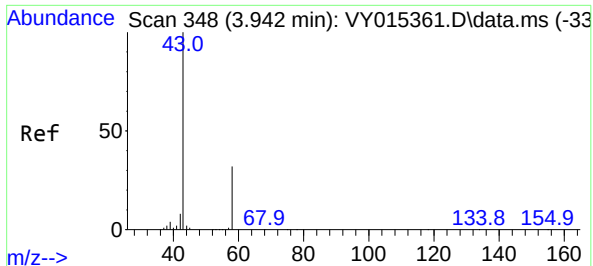
Tgt Ion:168 Resp: 150828
Ion Ratio Lower Upper
168 100
99 58.6 43.4 65.0



#13
Acrolein
Concen: 11.960 ug/l
RT: 3.735 min Scan# 314
Delta R.T. 0.012 min
Lab File: VY015611.D
Acq: 18 Sep 2023 13:24

Tgt Ion: 56 Resp: 148
Ion Ratio Lower Upper
56 100
55 16.2 57.0 85.4#

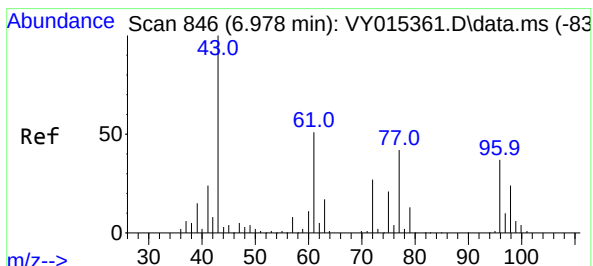
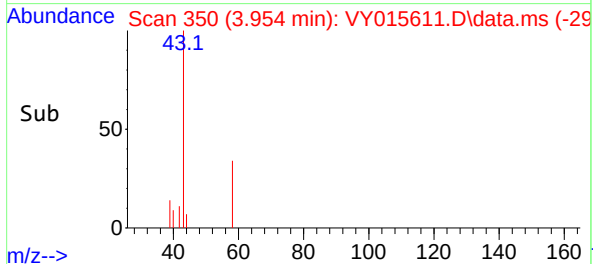
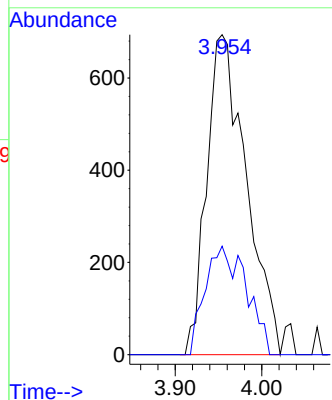
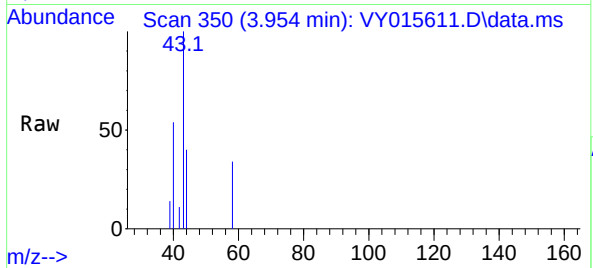




#16
Acetone
Concen: 3.260 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY015611.D
Acq: 18 Sep 2023 13:24

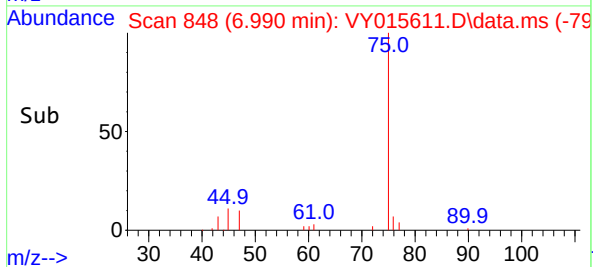
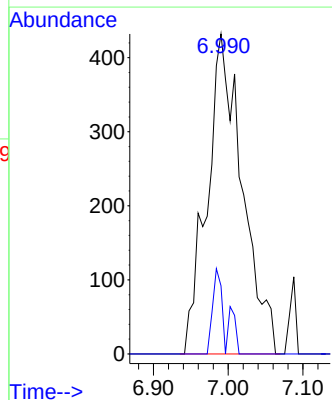
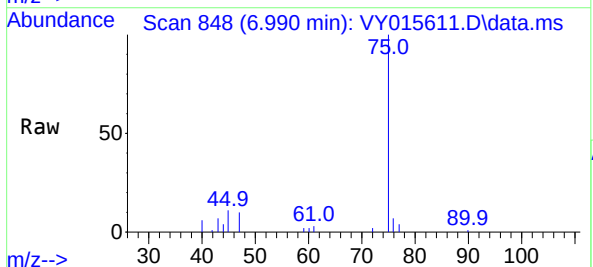
Instrument :
MSVOA_Y
ClientSampleId :

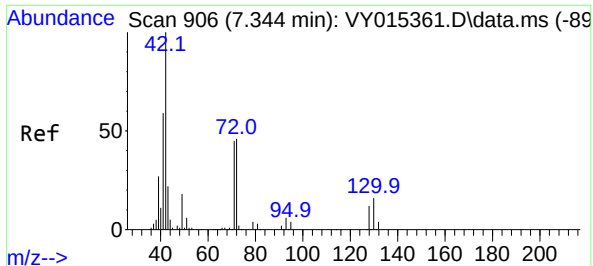
Tgt Ion: 43 Resp: 2200
Ion Ratio Lower Upper
43 100
58 33.9 22.7 34.1



#25
2-Butanone
Concen: 1.479 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.012 min
Lab File: VY015611.D
Acq: 18 Sep 2023 13:24

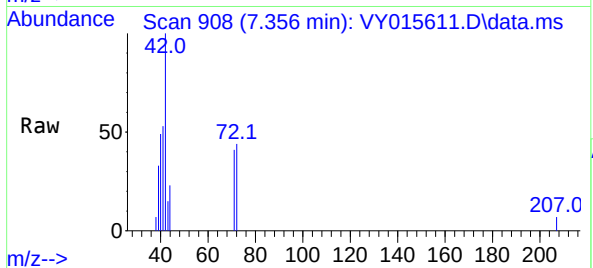
Tgt Ion: 43 Resp: 1416
Ion Ratio Lower Upper
43 100
72 21.3 20.5 30.7





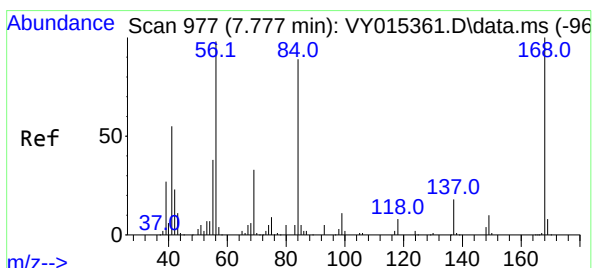
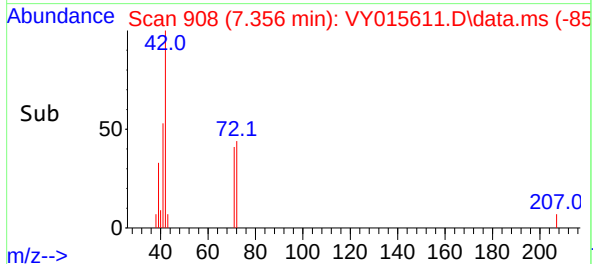
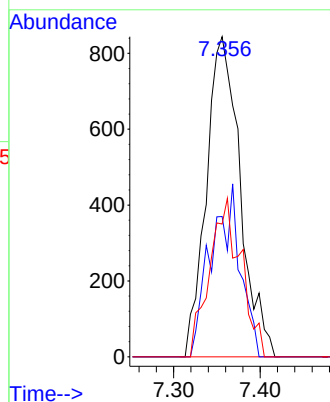
#29
Tetrahydrofuran
Concen: 3.811 ug/l
RT: 7.356 min Scan# 906
Delta R.T. 0.012 min
Lab File: VY015611.D
Acq: 18 Sep 2023 13:24

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 42 Resp: 2291

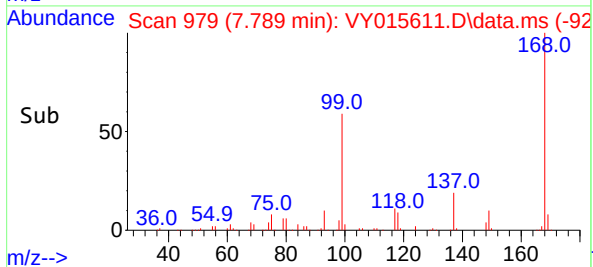
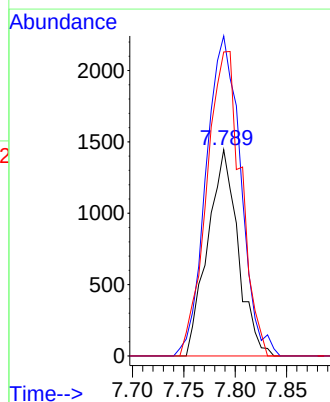
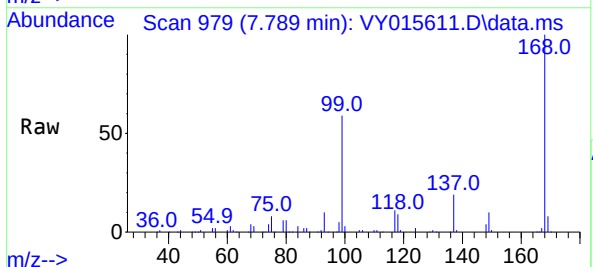
Ion	Ratio	Lower	Upper
42	100		
72	46.3	32.8	49.2
71	45.8	31.0	46.4

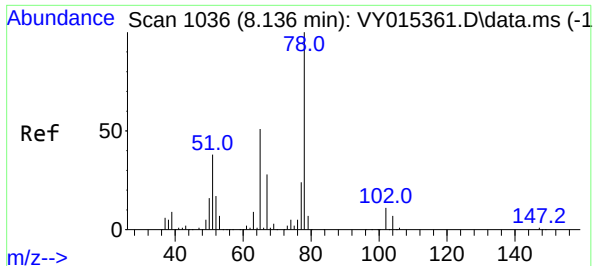


#31
Cyclohexane
Concen: 1.034 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY015611.D
Acq: 18 Sep 2023 13:24

Tgt Ion: 56 Resp: 2969

Ion	Ratio	Lower	Upper
56	100		
69	155.2	27.8	41.6#
84	147.4	66.4	99.6#





#33

1,2-Dichloroethane-d4

Concen: 59.864 ug/l

RT: 8.142 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY015611.D

Acq: 18 Sep 2023 13:24

Instrument :

MSVOA_Y

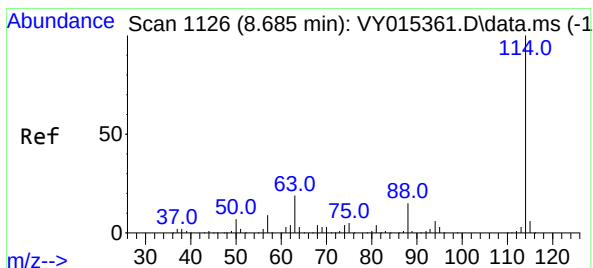
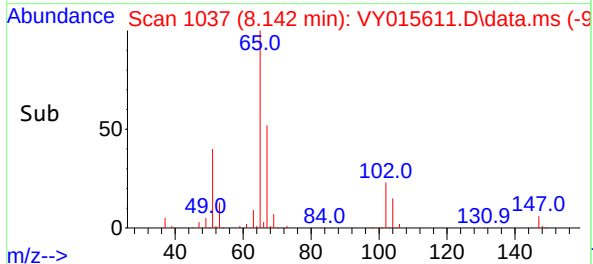
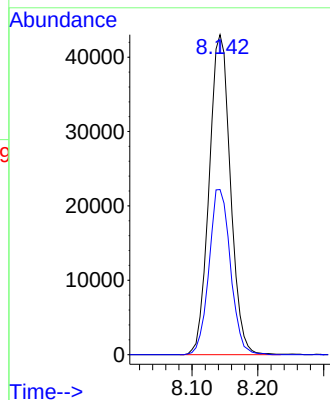
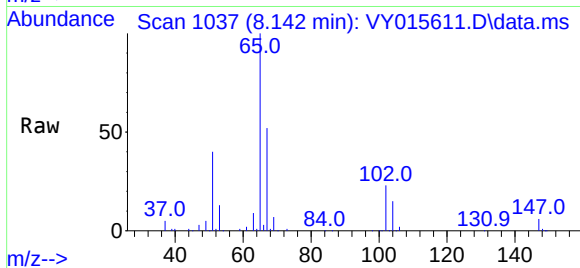
ClientSampleId :

Tgt Ion: 65 Resp: 96791

Ion Ratio Lower Upper

65 100

67 52.1 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY015611.D

Acq: 18 Sep 2023 13:24

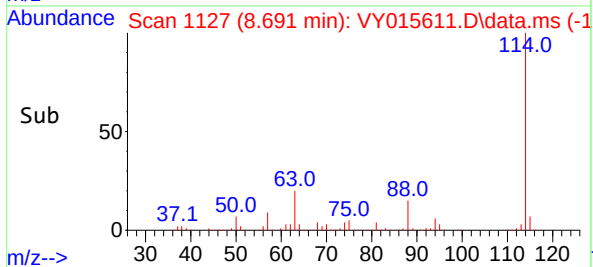
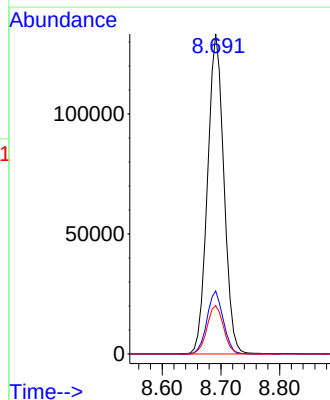
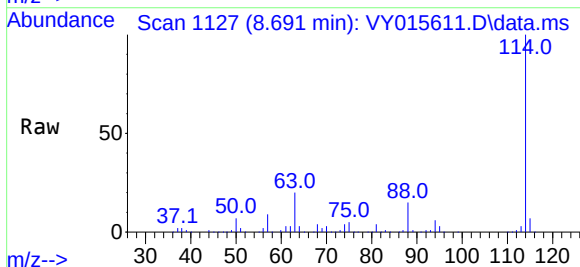
Tgt Ion: 114 Resp: 258011

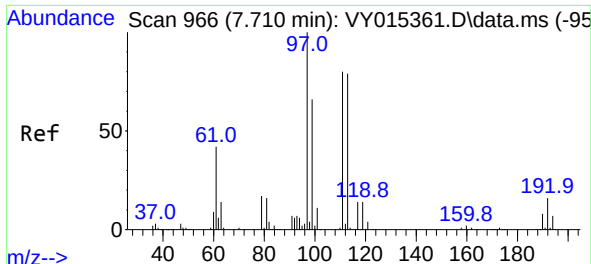
Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.4

88 15.1 0.0 30.6

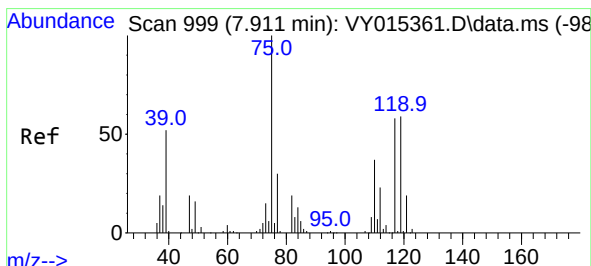
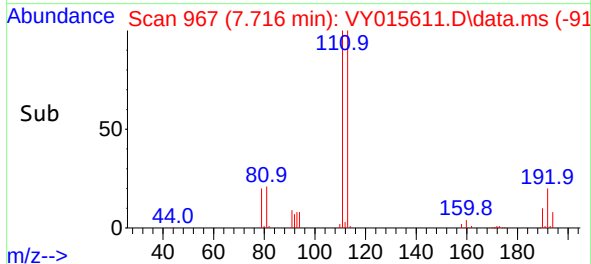
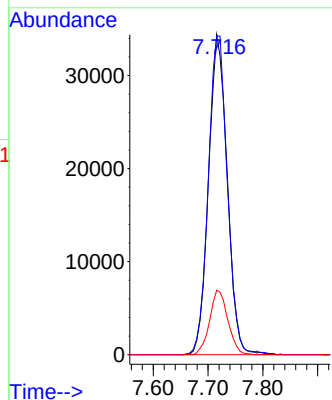
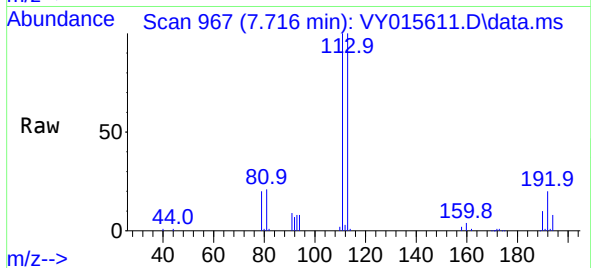




#35
Dibromofluoromethane
Concen: 54.667 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015611.D
Acq: 18 Sep 2023 13:24

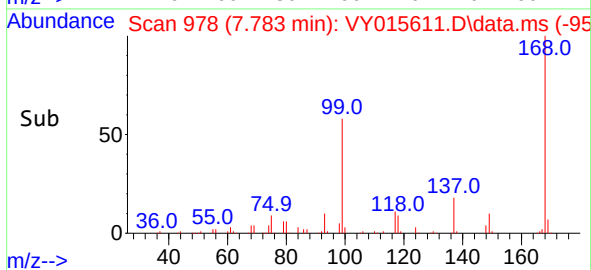
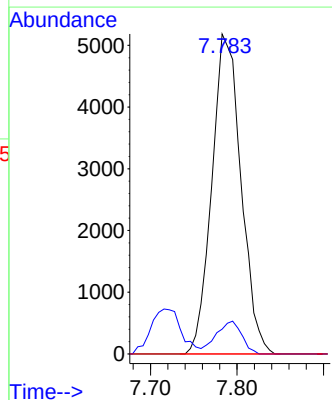
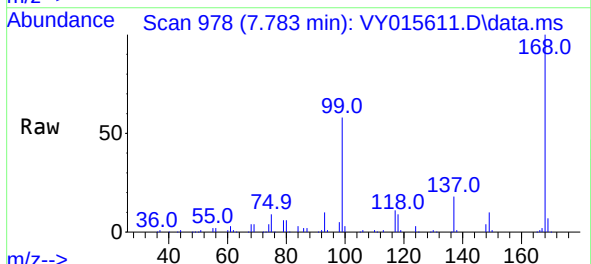
Instrument :
MSVOA_Y
ClientSampleId :

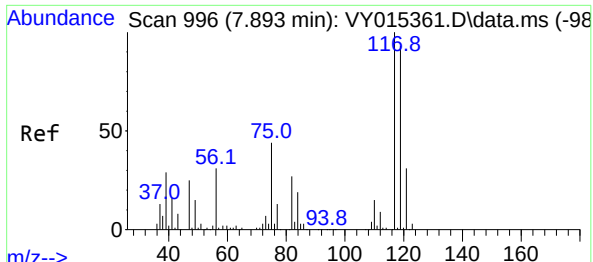
Tgt Ion:113 Resp: 81240
Ion Ratio Lower Upper
113 100
111 101.5 81.3 121.9
192 19.7 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.640 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY015611.D
Acq: 18 Sep 2023 13:24

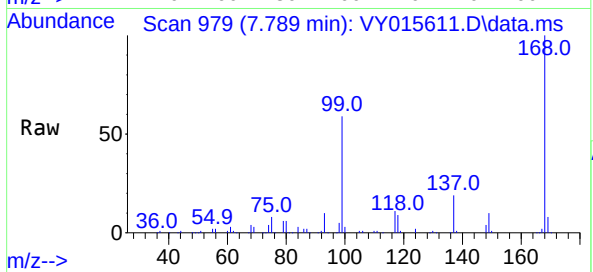
Tgt Ion: 75 Resp: 12107
Ion Ratio Lower Upper
75 100
110 8.9 17.8 53.5#
77 0.0 24.4 36.6#



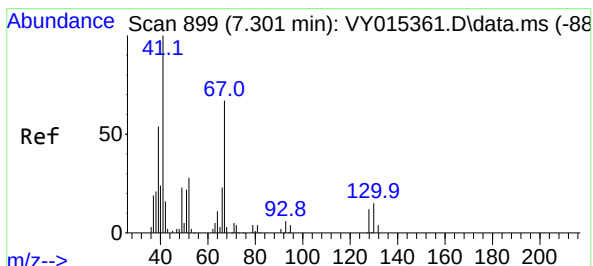
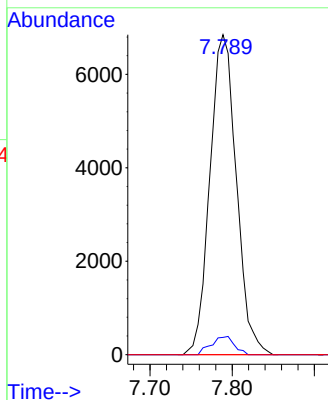
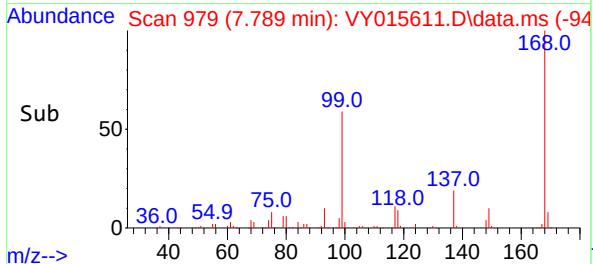


#38
Carbon Tetrachloride
Concen: 5.683 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY015611.D
Acq: 18 Sep 2023 13:24

Instrument :
MSVOA_Y
ClientSampleId :

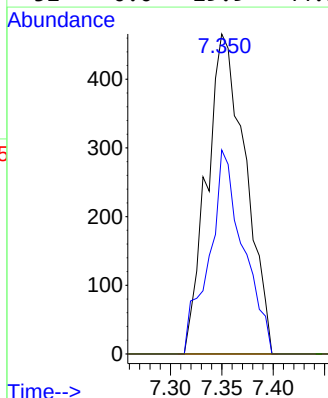
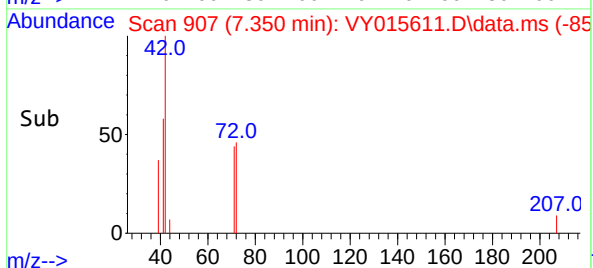
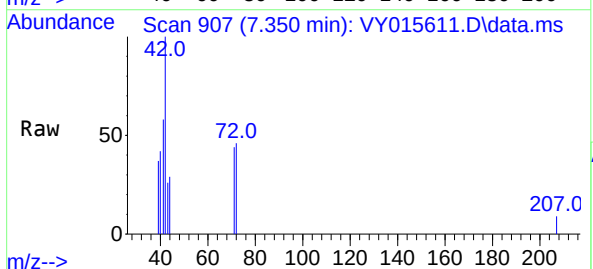


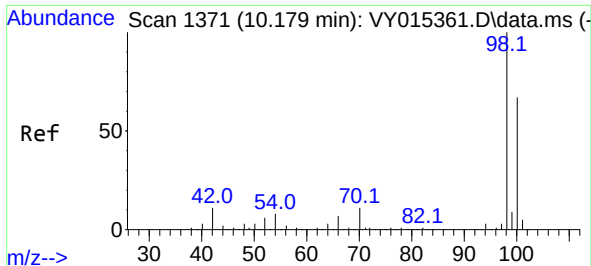
Tgt Ion:117 Resp: 15316
Ion Ratio Lower Upper
117 100
119 5.4 76.4 114.6#
121 0.0 25.8 38.6#



#41
Methacrylonitrile
Concen: 1.292 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.037 min
Lab File: VY015611.D
Acq: 18 Sep 2023 13:24

Tgt Ion: 41 Resp: 1219
Ion Ratio Lower Upper
41 100
39 56.3 52.1 78.1
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#

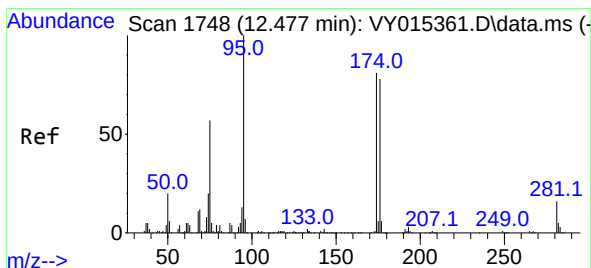
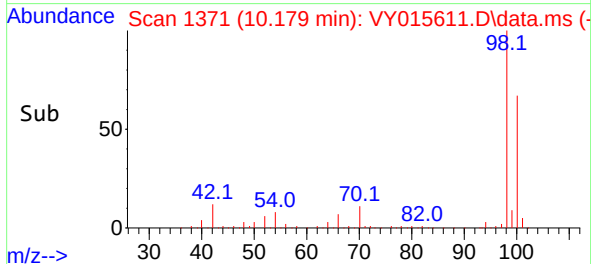
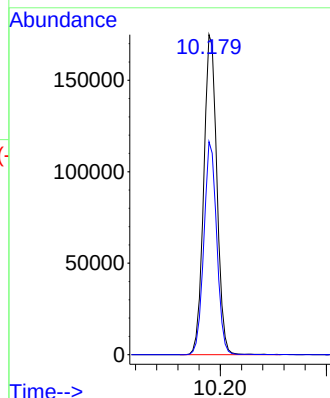
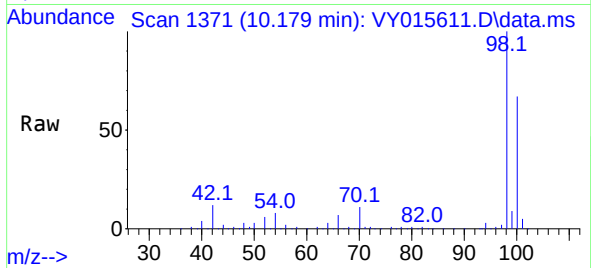




#50
Toluene-d8
Concen: 55.855 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015611.D
Acq: 18 Sep 2023 13:24

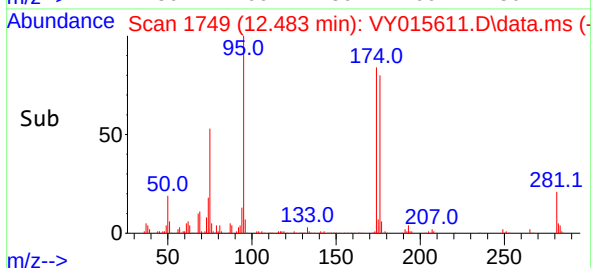
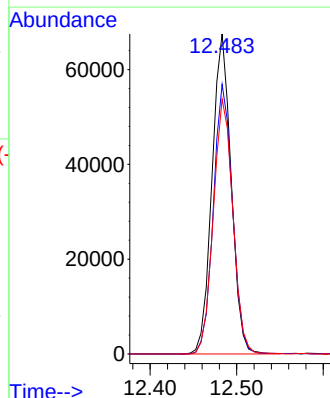
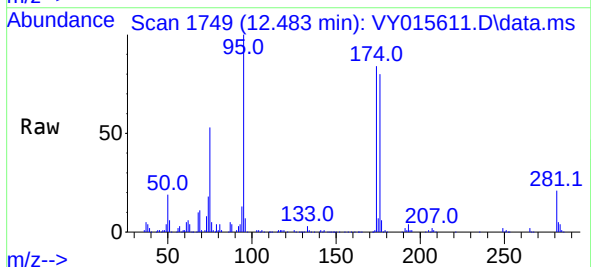
Instrument :
MSVOA_Y
ClientSampleId :

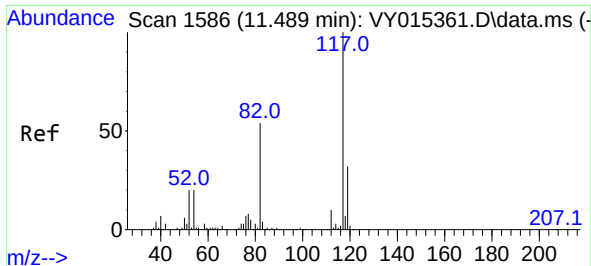
Tgt Ion: 98 Resp: 300594
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 51.751 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015611.D
Acq: 18 Sep 2023 13:24

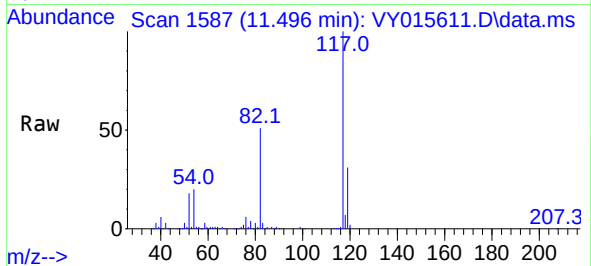
Tgt Ion: 95 Resp: 103392
Ion Ratio Lower Upper
95 100
174 84.1 0.0 178.2
176 81.4 0.0 173.8



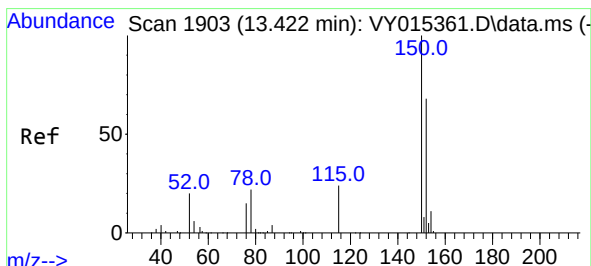
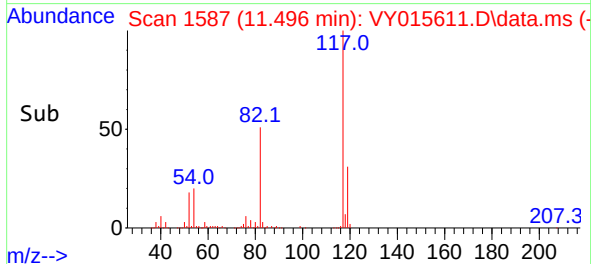
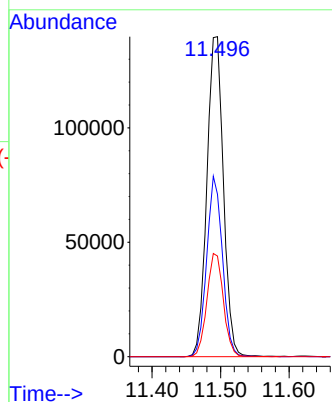


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015611.D
Acq: 18 Sep 2023 13:24

Instrument :
MSVOA_Y
ClientSampleId :

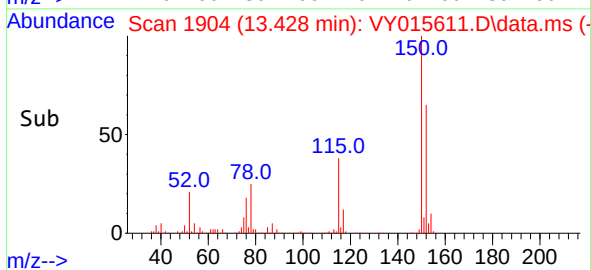
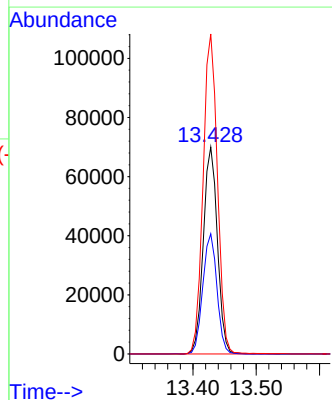
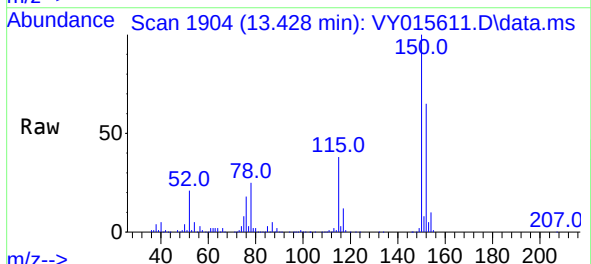


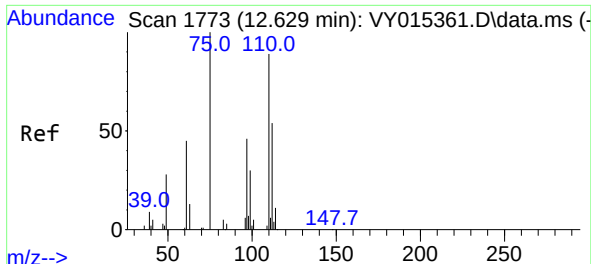
Tgt Ion:117 Resp: 234818
Ion Ratio Lower Upper
117 100
82 50.7 43.4 65.0
119 31.5 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY015611.D
Acq: 18 Sep 2023 13:24

Tgt Ion:152 Resp: 108881
Ion Ratio Lower Upper
152 100
115 58.1 28.8 86.5
150 157.1 0.0 348.8

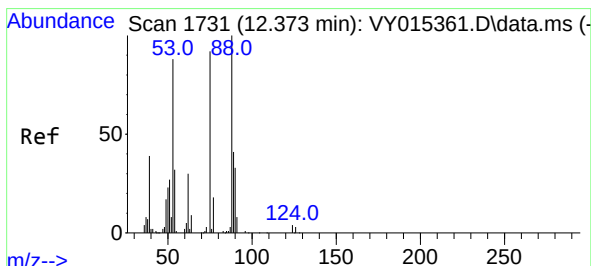
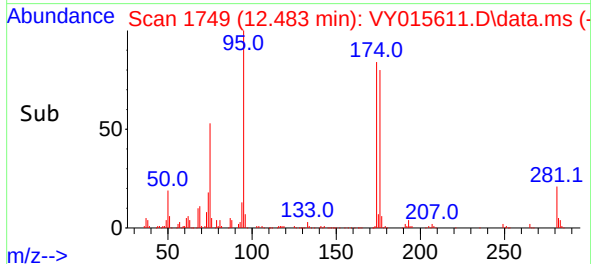
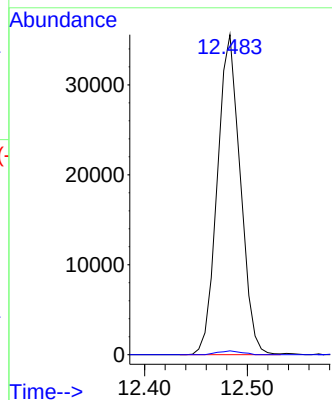
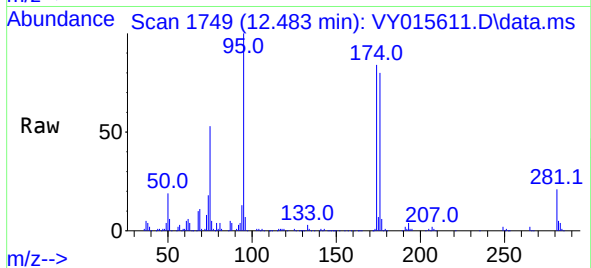




#76
1,2,3-Trichloropropane
Concen: 38.212 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY015611.D
Acq: 18 Sep 2023 13:24

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 55174
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 84.292 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY015611.D
Acq: 18 Sep 2023 13:24

Tgt Ion: 75 Resp: 55174
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.3 37.4 56.0#

