

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081623\
 Data File : VY015137.D
 Acq On : 16 Aug 2023 10:11
 Operator : SY/MD
 Sample : VY0816SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 16 16:17:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	139795	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	245712	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	239037	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	120962	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	92301	55.003	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.000%
35) Dibromofluoromethane	7.716	113	78667	49.766	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.540%
50) Toluene-d8	10.179	98	291909	49.607	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.220%
62) 4-Bromofluorobenzene	12.483	95	108494	50.479	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.960%

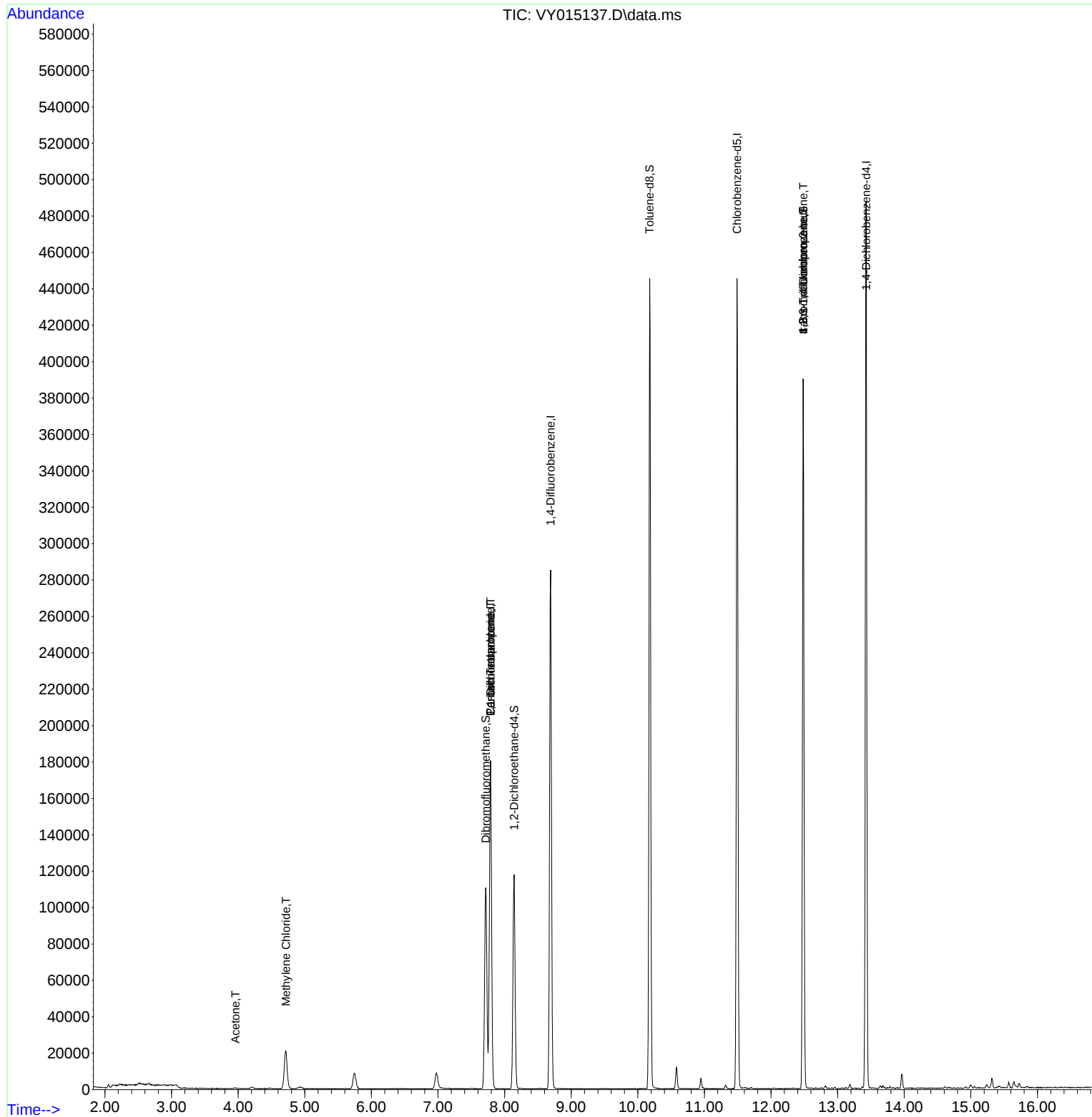
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.113	50	400	Below Cal	#	43
5) Bromomethane	2.668	94	336	Below Cal	#	43
11) Tert butyl alcohol	4.923	59	1482	Below Cal	#	89
16) Acetone	3.960	43	812	1.481	ug/l #	75
20) Methylene Chloride	4.716	84	15506	8.184	ug/l	89
31) Cyclohexane	7.789	56	3075	Below Cal	#	1
36) 1,1-Dichloropropene	7.789	75	10768	6.157	ug/l #	49
38) Carbon Tetrachloride	7.789	117	14102	6.814	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	58969	40.126	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	58969	88.136	ug/l #	11

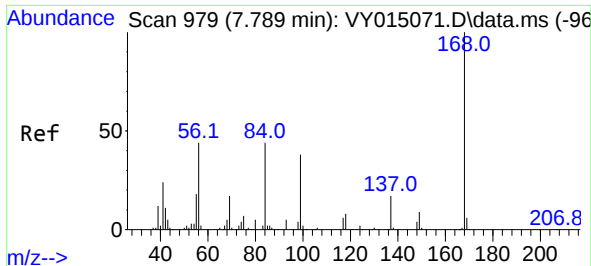
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 16 16:17:02 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 14 12:43:26 2023
Response via : Initial Calibration

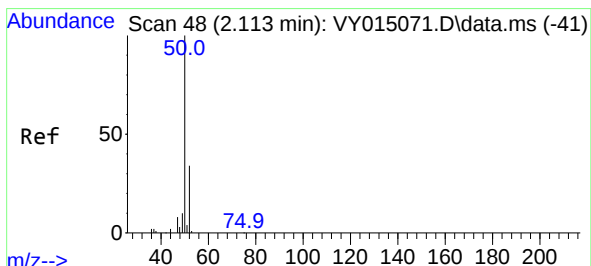
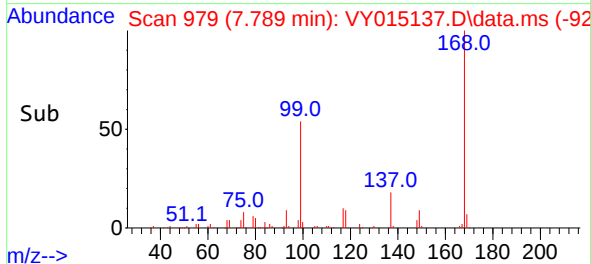
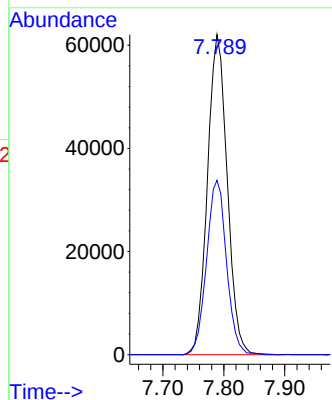
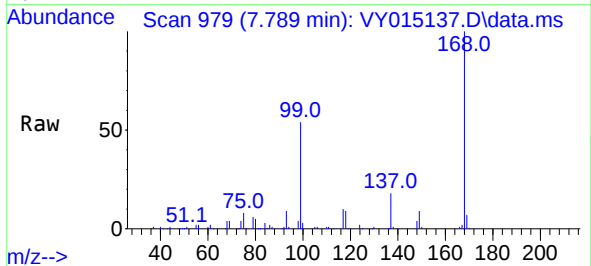




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015137.D
Acq: 16 Aug 2023 10:11

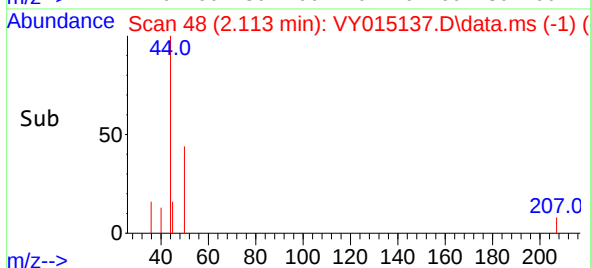
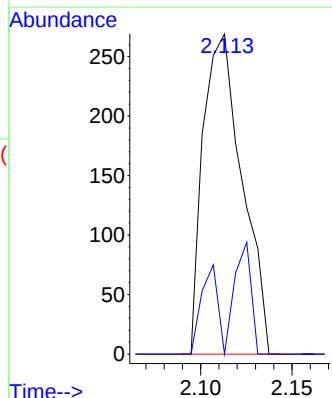
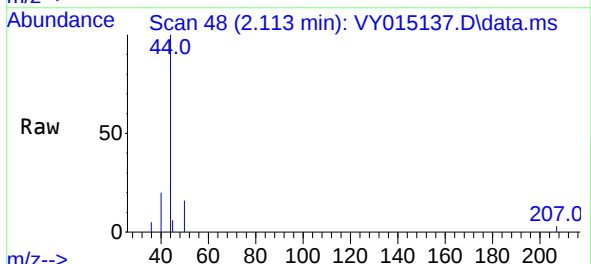
Instrument :
MSVOA_Y
ClientSampleId :

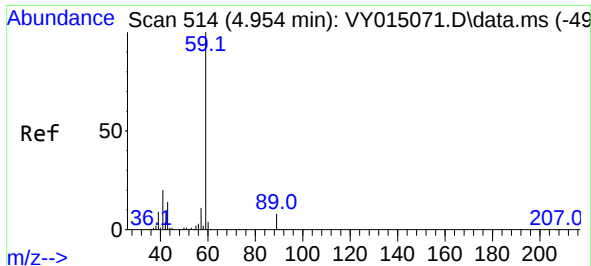
Tgt Ion:168 Resp: 139795
Ion Ratio Lower Upper
168 100
99 54.5 43.4 65.0



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.006 min
Lab File: VY015137.D
Acq: 16 Aug 2023 10:11

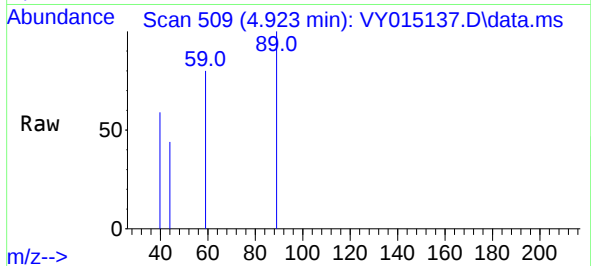
Tgt Ion: 50 Resp: 400
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#



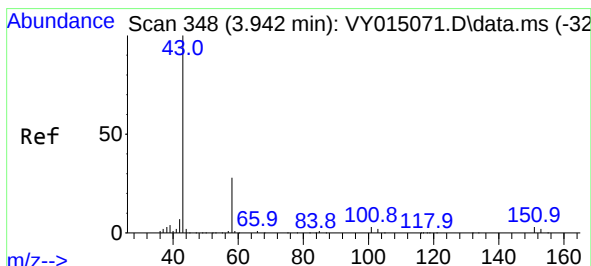
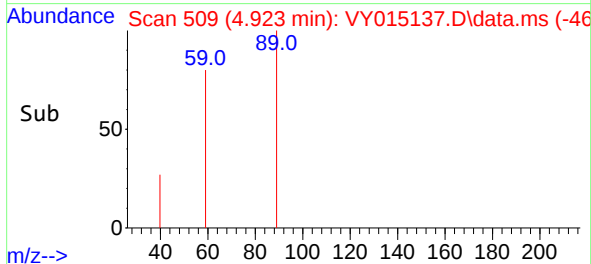
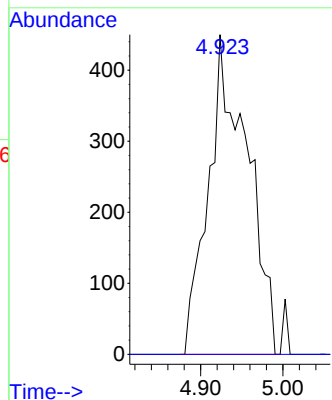


#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.923 min Scan# 509
Delta R.T. -0.025 min
Lab File: VY015137.D
Acq: 16 Aug 2023 10:11

Instrument :
MSVOA_Y
ClientSampleId :

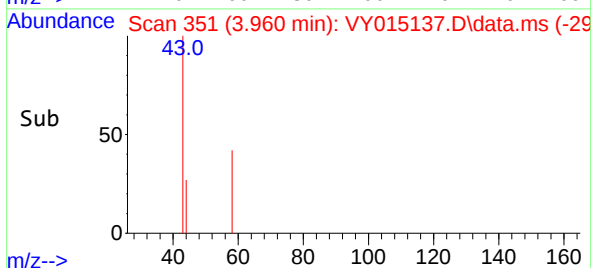
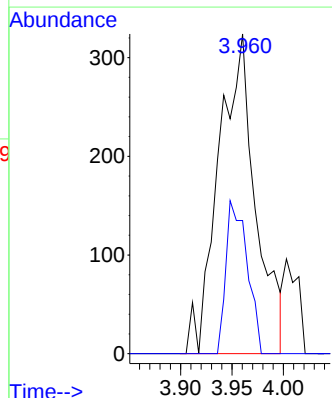
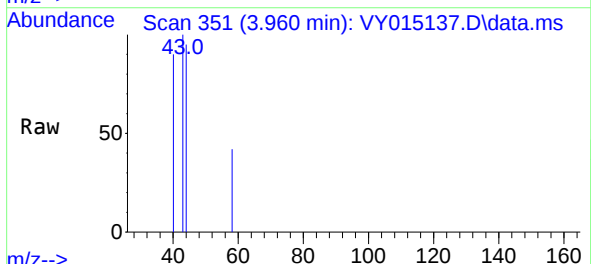


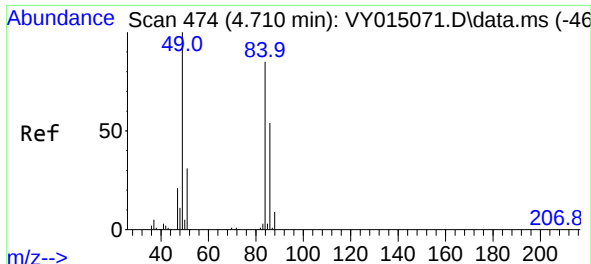
Tgt Ion: 59 Resp: 1482
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#16
Acetone
Concen: 1.481 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.018 min
Lab File: VY015137.D
Acq: 16 Aug 2023 10:11

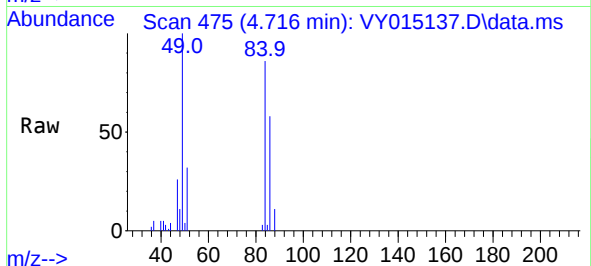
Tgt Ion: 43 Resp: 812
Ion Ratio Lower Upper
43 100
58 41.7 22.7 34.1#





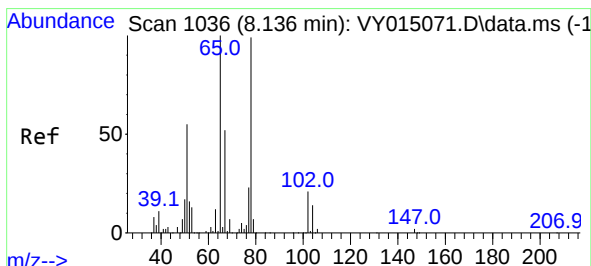
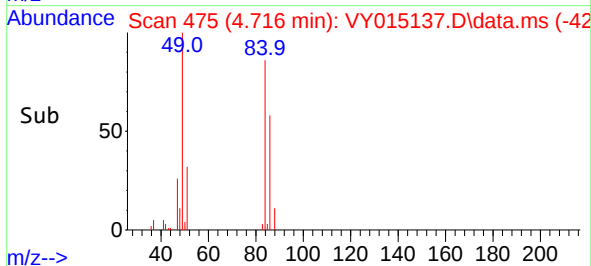
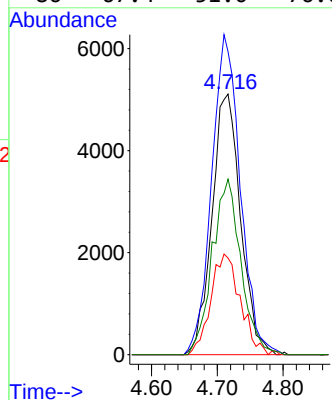
#20
Methylene Chloride
Concen: 8.184 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY015137.D
Acq: 16 Aug 2023 10:11

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 15506

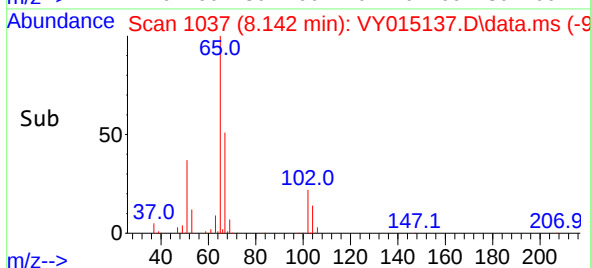
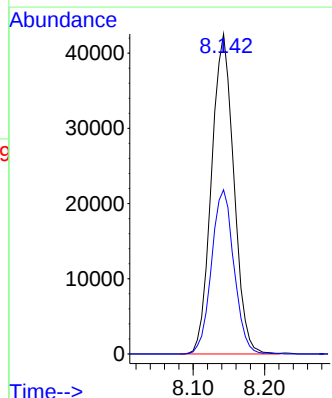
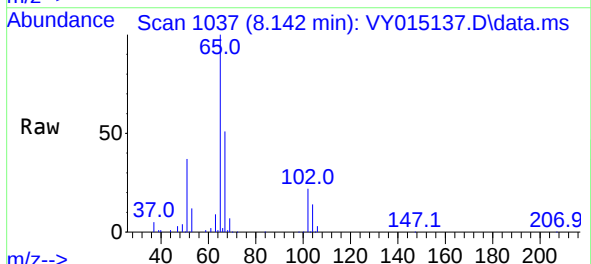
Ion	Ratio	Lower	Upper
84	100		
49	116.3	106.9	160.3
51	37.1	33.2	49.8
86	67.4	51.0	76.6

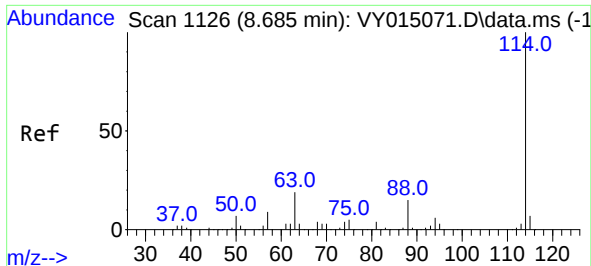


#33
1,2-Dichloroethane-d4
Concen: 55.003 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY015137.D
Acq: 16 Aug 2023 10:11

Tgt Ion: 65 Resp: 92301

Ion	Ratio	Lower	Upper
65	100		
67	51.6	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: VY015137.D

Acq: 16 Aug 2023 10:11

Instrument :

MSVOA_Y

ClientSampleId :

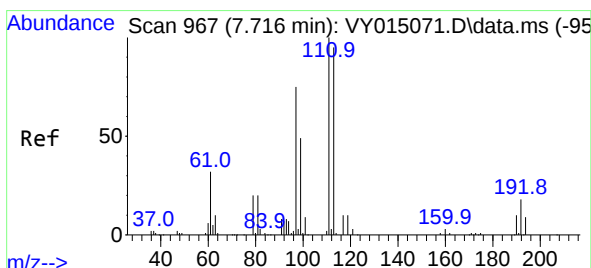
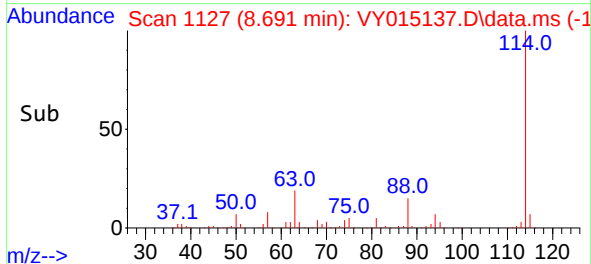
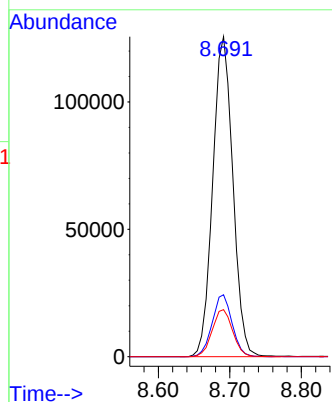
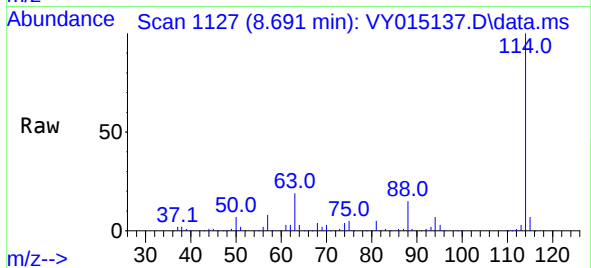
Tgt Ion:114 Resp: 245712

Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.4

88 14.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.766 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY015137.D

Acq: 16 Aug 2023 10:11

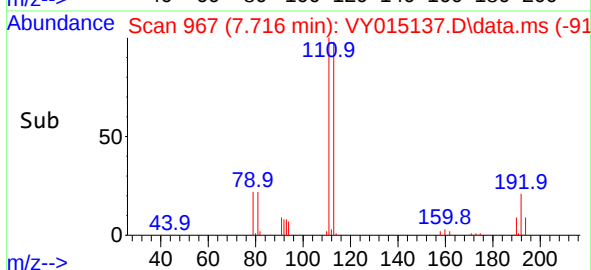
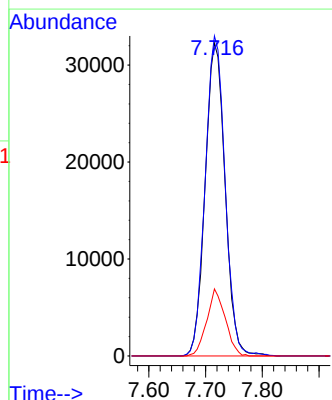
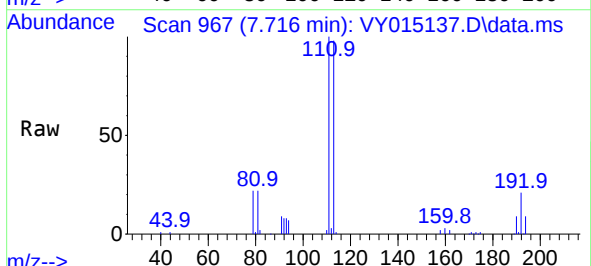
Tgt Ion:113 Resp: 78667

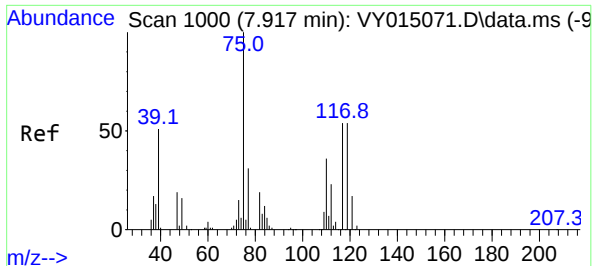
Ion Ratio Lower Upper

113 100

111 102.3 81.3 121.9

192 19.9 16.9 25.3

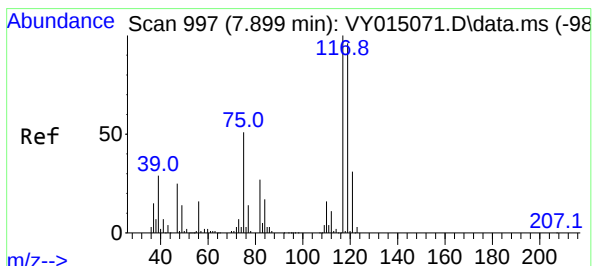
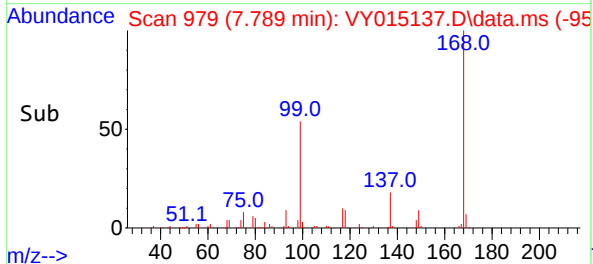
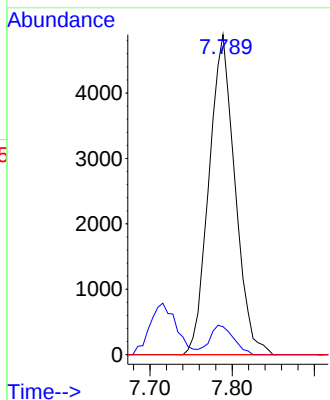
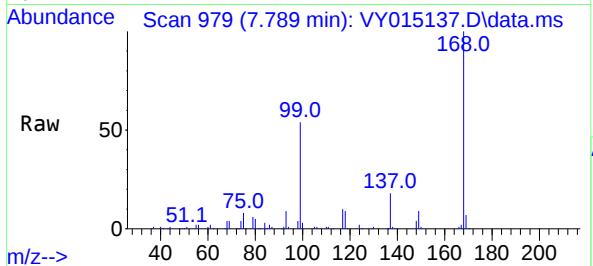




#36
1,1-Dichloropropene
Concen: 6.157 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY015137.D
Acq: 16 Aug 2023 10:11

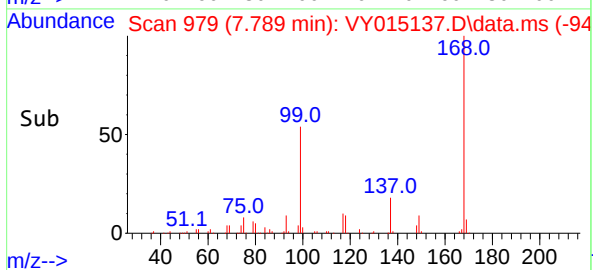
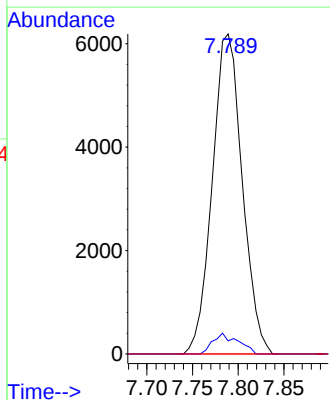
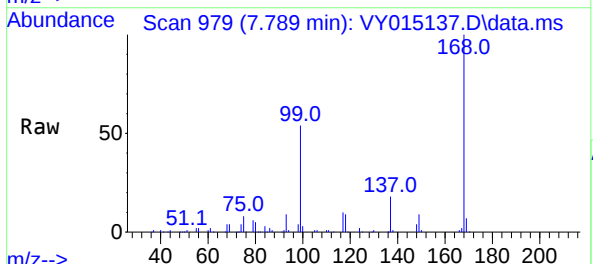
Instrument :
MSVOA_Y
ClientSampleId :

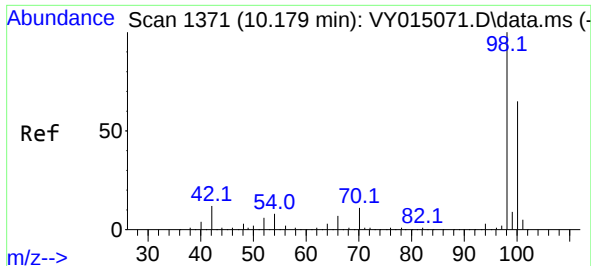
Tgt Ion: 75 Resp: 10768
Ion Ratio Lower Upper
75 100
110 8.3 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 6.814 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY015137.D
Acq: 16 Aug 2023 10:11

Tgt Ion: 117 Resp: 14102
Ion Ratio Lower Upper
117 100
119 4.1 76.4 114.6#
121 0.0 25.8 38.6#

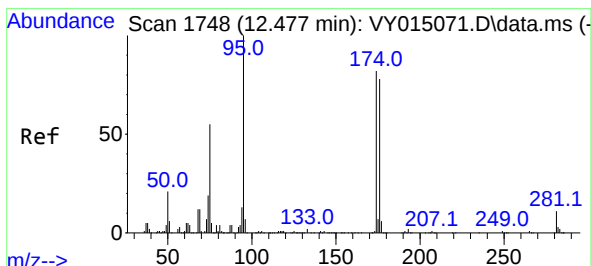
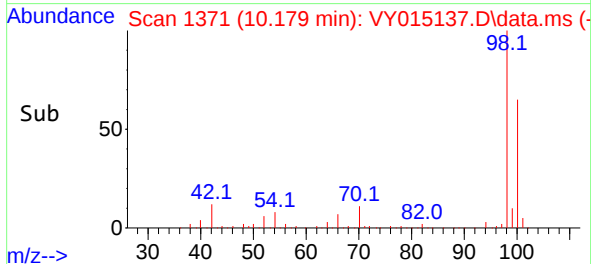
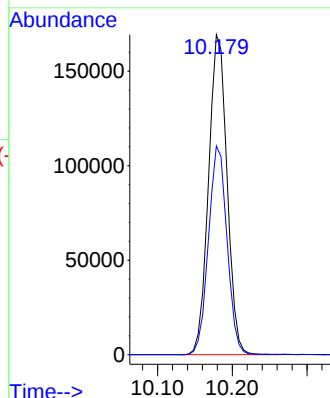
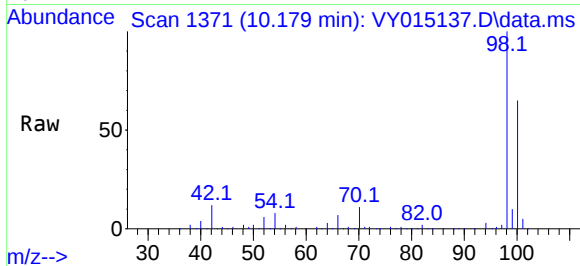




#50
Toluene-d8
Concen: 49.607 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015137.D
Acq: 16 Aug 2023 10:11

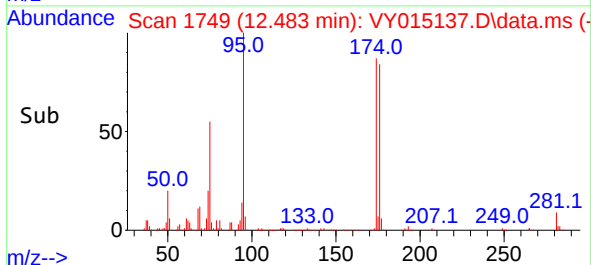
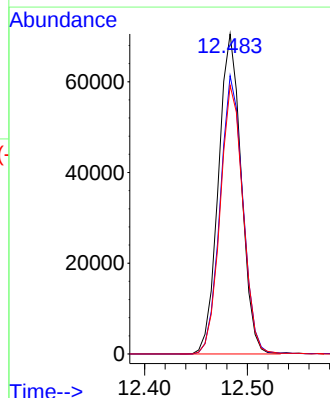
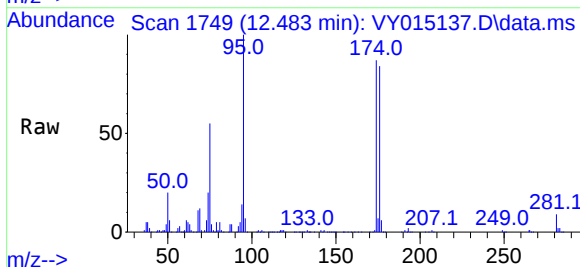
Instrument :
MSVOA_Y
ClientSampleId :

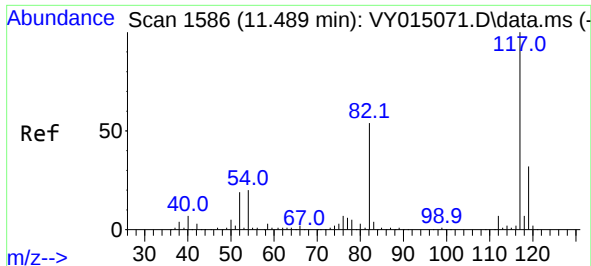
Tgt Ion: 98 Resp: 291909
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 50.479 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015137.D
Acq: 16 Aug 2023 10:11

Tgt Ion: 95 Resp: 108494
Ion Ratio Lower Upper
95 100
174 86.5 0.0 178.2
176 84.0 0.0 173.8

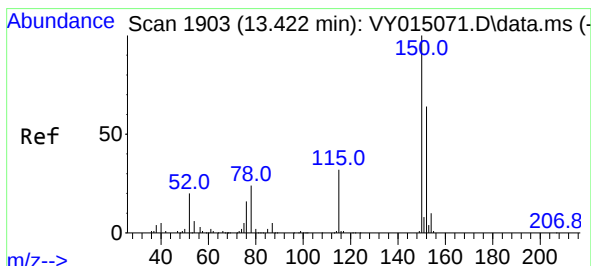
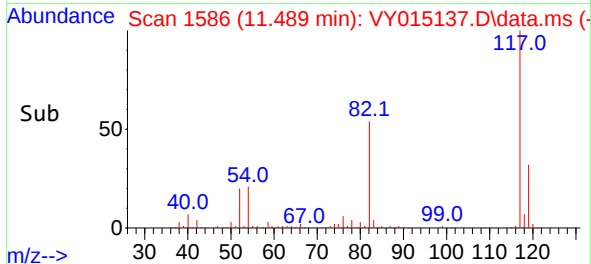
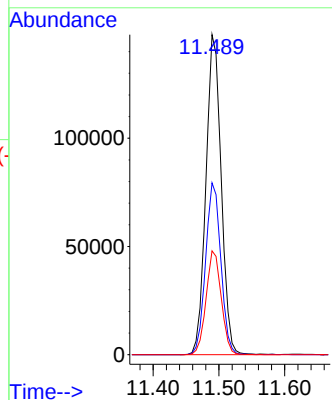
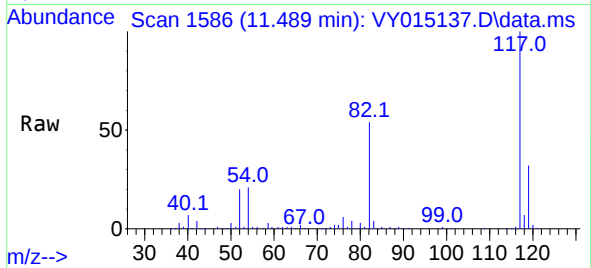




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015137.D
Acq: 16 Aug 2023 10:11

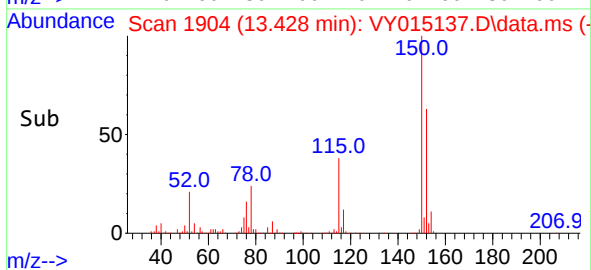
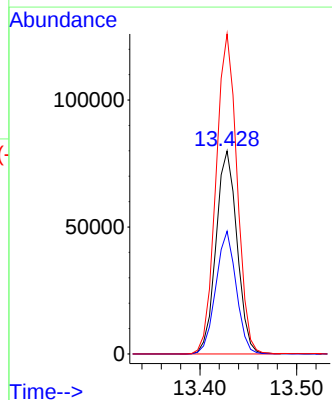
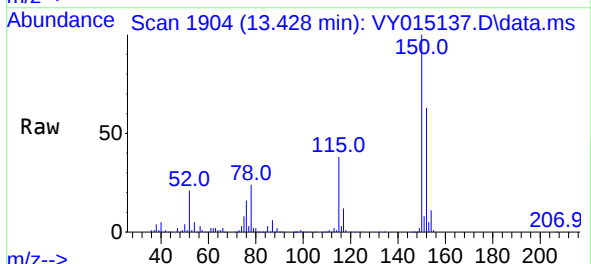
Instrument :
MSVOA_Y
ClientSampleId :

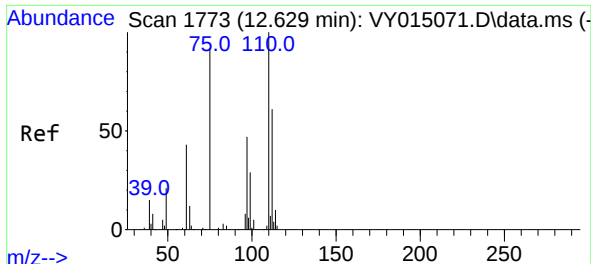
Tgt Ion:117 Resp: 239037
Ion Ratio Lower Upper
117 100
82 53.7 43.4 65.0
119 32.5 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY015137.D
Acq: 16 Aug 2023 10:11

Tgt Ion:152 Resp: 120962
Ion Ratio Lower Upper
152 100
115 58.6 28.8 86.5
150 157.7 0.0 348.8

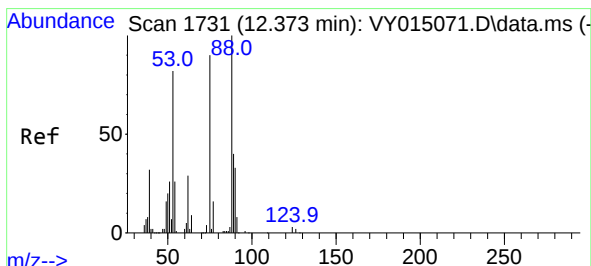
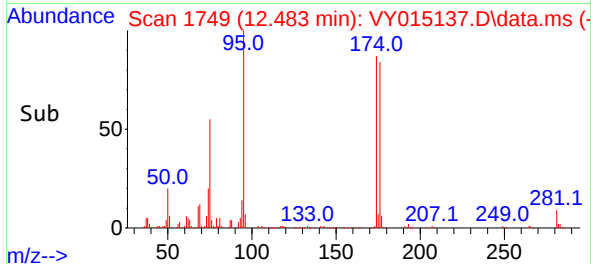
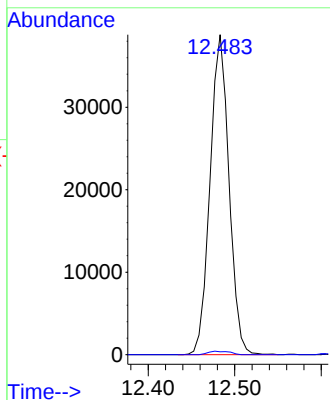
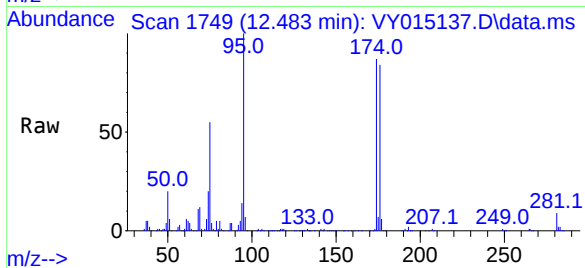




#76
1,2,3-Trichloropropane
Concen: 40.126 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY015137.D
Acq: 16 Aug 2023 10:11

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 58969
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.136 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.110 min
Lab File: VY015137.D
Acq: 16 Aug 2023 10:11

Tgt Ion: 75 Resp: 58969
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.1 37.4 56.0#

