

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081523\
 Data File : VY015096.D
 Acq On : 15 Aug 2023 12:14
 Operator : SY/MD
 Sample : VY0815SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 15 15:22:13 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)

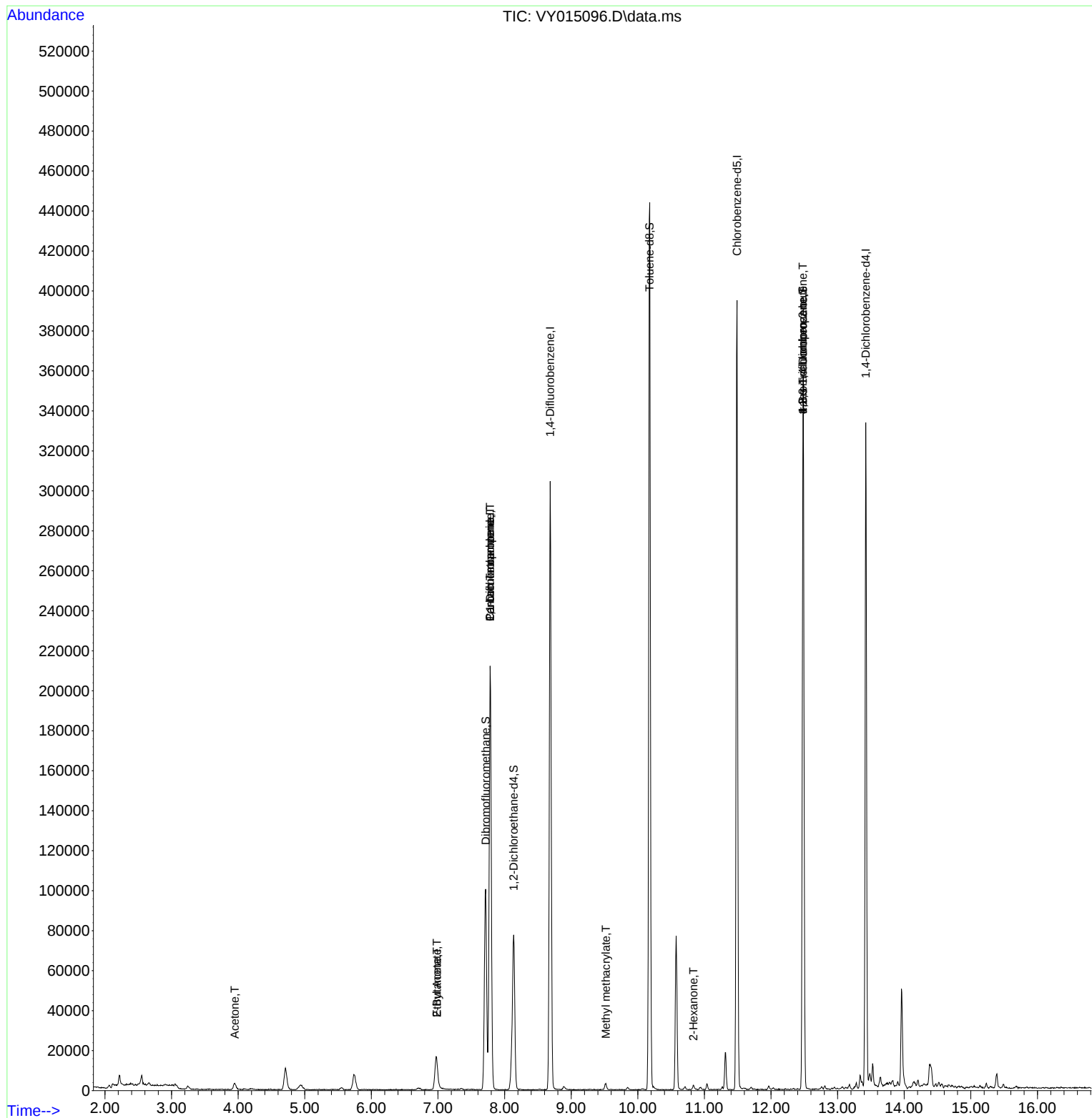
Internal Standards						
1) Pentafluorobenzene	7.783	168	164441	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	259115	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	214475	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	82506	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	56096	28.418	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	56.840%
35) Dibromofluoromethane	7.716	113	70043	42.018	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.040%
50) Toluene-d8	10.179	98	296746	47.820	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.640%
62) 4-Bromofluorobenzene	12.477	95	85976	37.933	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	75.860%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	52	Below Cal	#	43
3) Chloromethane	2.107	50	530	Below Cal	#	88
5) Bromomethane	2.662	94	765	Below Cal		94
11) Tert butyl alcohol	4.954	59	4201	Below Cal	#	93
16) Acetone	3.948	43	5534	8.582	ug/l #	86
25) 2-Butanone	6.984	43	2187	2.395	ug/l #	87
31) Cyclohexane	7.777	56	3270	Below Cal	#	32
36) 1,1-Dichloropropene	7.783	75	12118	6.571	ug/l #	49
37) Ethyl Acetate	6.984	43	2187	1.272	ug/l #	54
38) Carbon Tetrachloride	7.783	117	16000	7.331	ug/l #	16
48) Methyl methacrylate	9.520	41	1350	1.008	ug/l #	31
59) 2-Hexanone	10.837	43	1678	1.250	ug/l	96
76) 1,2,3-Trichloropropane	12.477	75	46377	46.267	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	46377	101.624	ug/l #	11

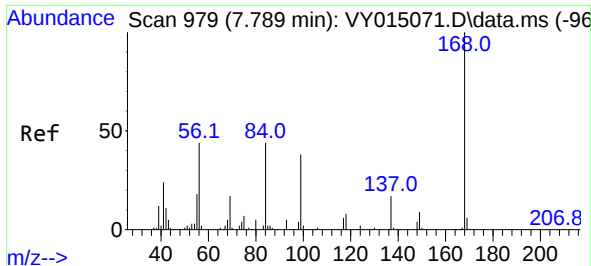
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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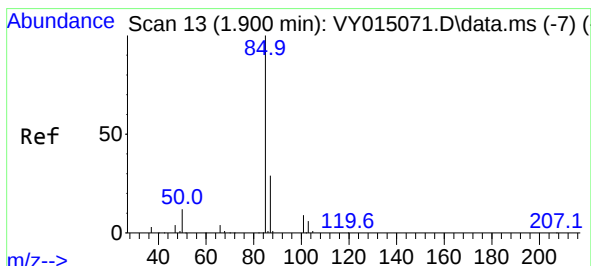
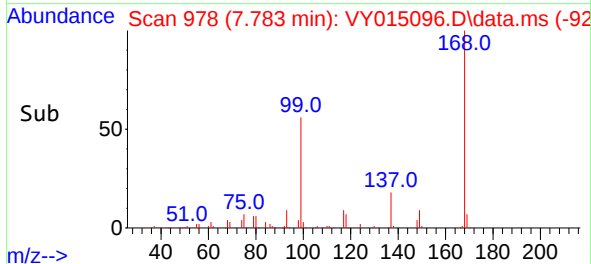
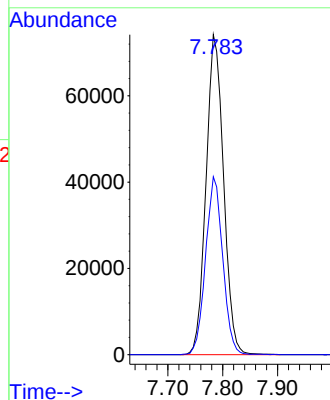
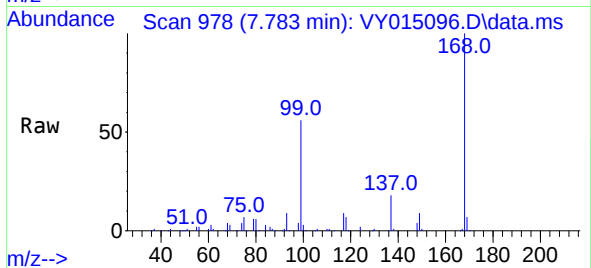




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015096.D
Acq: 15 Aug 2023 12:14

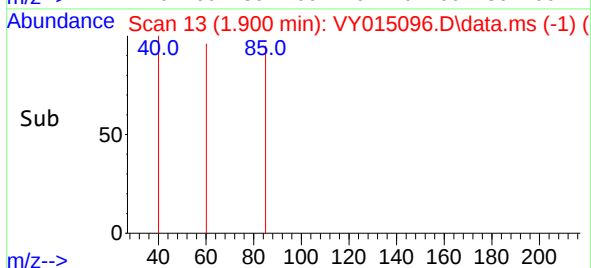
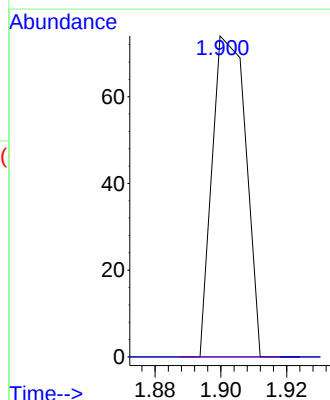
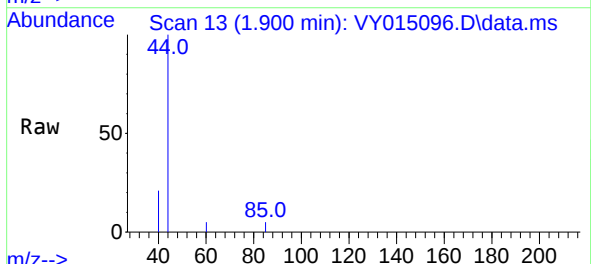
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 164441
Ion Ratio Lower Upper
168 100
99 55.6 43.4 65.0

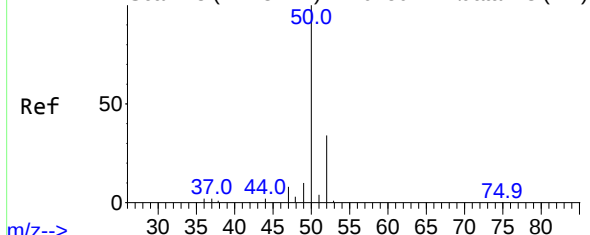


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY015096.D
Acq: 15 Aug 2023 12:14

Tgt Ion: 85 Resp: 52
Ion Ratio Lower Upper
85 100
87 0.0 15.6 46.8#



Abundance Scan 48 (2.113 min): VY015071.D\data.ms (-41)



#3

Chloromethane

Concen: Below Cal

RT: 2.107 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY015096.D

Acq: 15 Aug 2023 12:14

Instrument :

MSVOA_Y

ClientSampleId :

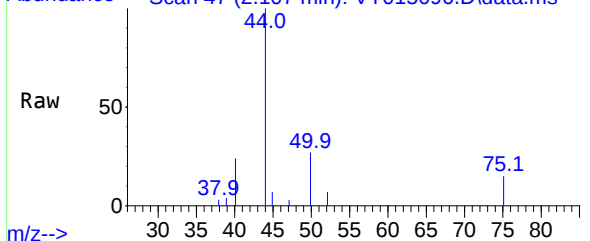
Tgt Ion: 50 Resp: 530

Ion Ratio Lower Upper

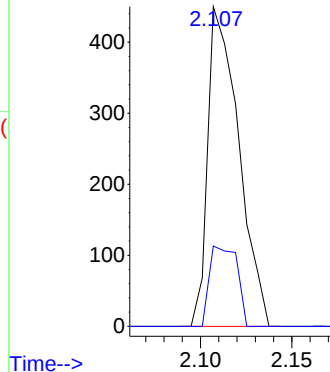
50 100

52 25.1 25.4 38.2#

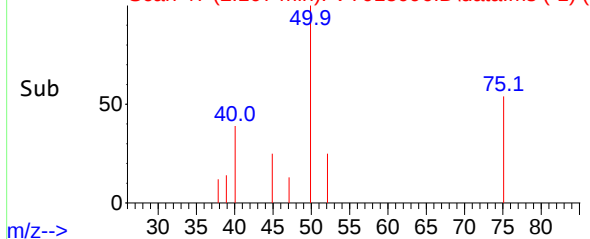
Abundance Scan 47 (2.107 min): VY015096.D\data.ms



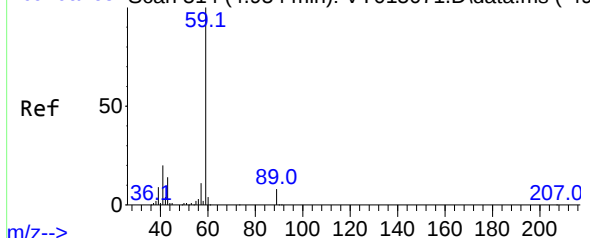
Abundance



Abundance Scan 47 (2.107 min): VY015096.D\data.ms (-1)



Abundance Scan 514 (4.954 min): VY015071.D\data.ms (-49)



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.954 min Scan# 514

Delta R.T. 0.006 min

Lab File: VY015096.D

Acq: 15 Aug 2023 12:14

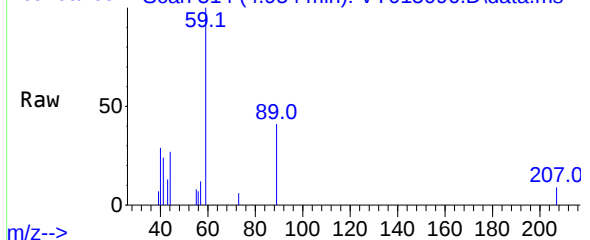
Tgt Ion: 59 Resp: 4201

Ion Ratio Lower Upper

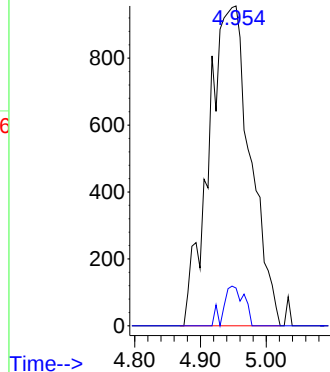
59 100

57 6.1 3.0 4.4#

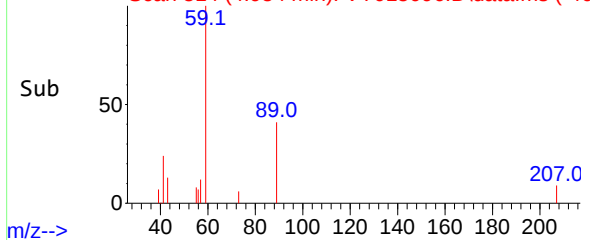
Abundance Scan 514 (4.954 min): VY015096.D\data.ms

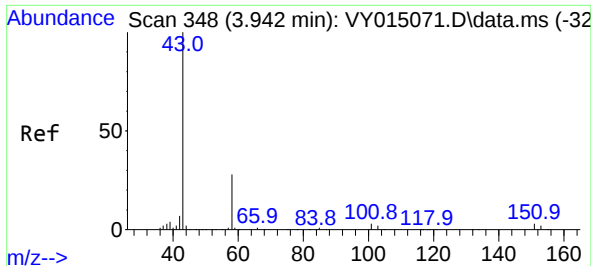


Abundance



Abundance Scan 514 (4.954 min): VY015096.D\data.ms (-46)

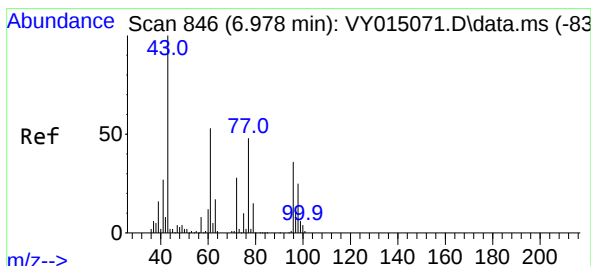
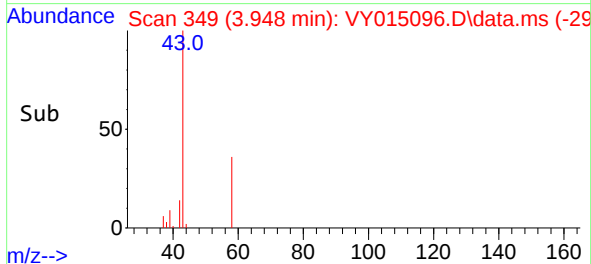
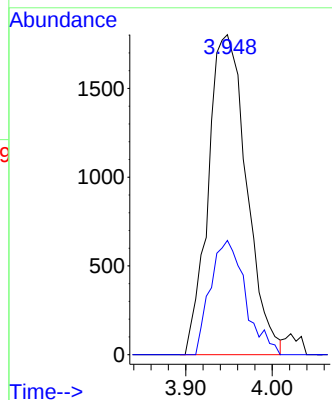
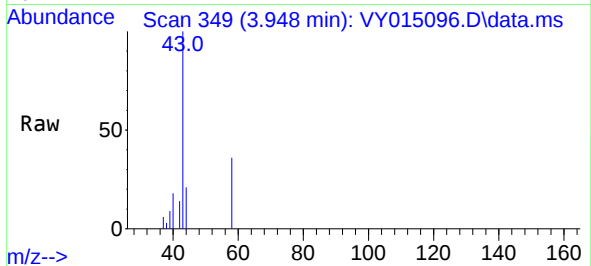




#16
Acetone
Concen: 8.582 ug/l
RT: 3.948 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY015096.D
Acq: 15 Aug 2023 12:14

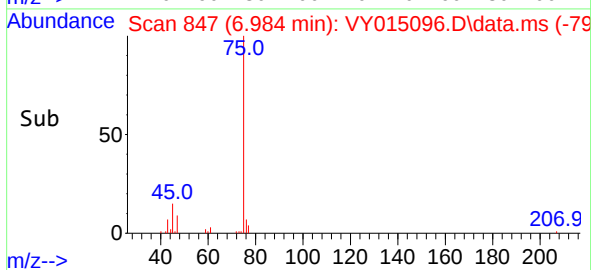
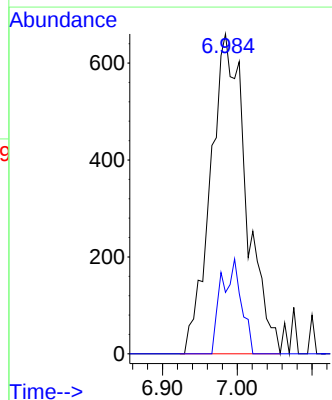
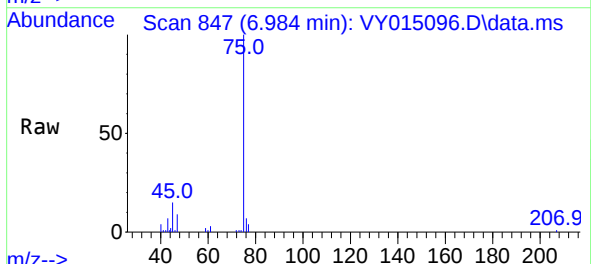
Instrument :
MSVOA_Y
ClientSampleId :

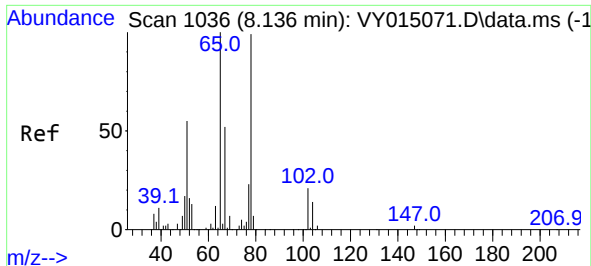
Tgt Ion: 43 Resp: 5534
Ion Ratio Lower Upper
43 100
58 35.7 22.7 34.1#



#25
2-Butanone
Concen: 2.395 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY015096.D
Acq: 15 Aug 2023 12:14

Tgt Ion: 43 Resp: 2187
Ion Ratio Lower Upper
43 100
72 19.2 20.5 30.7#

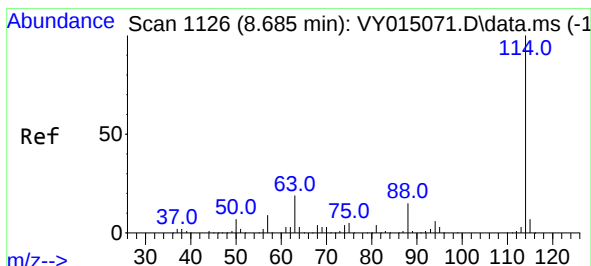
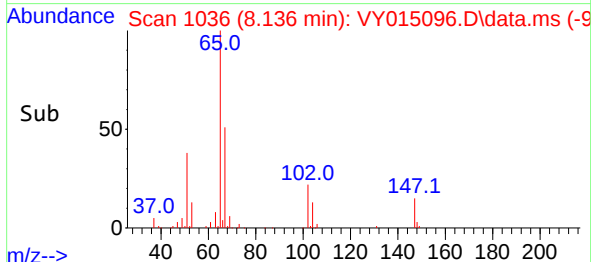
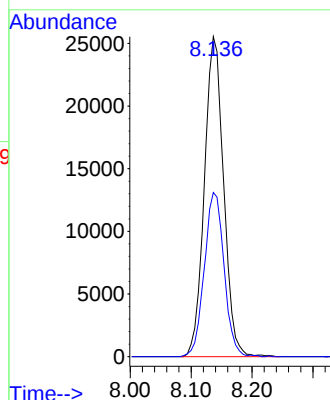
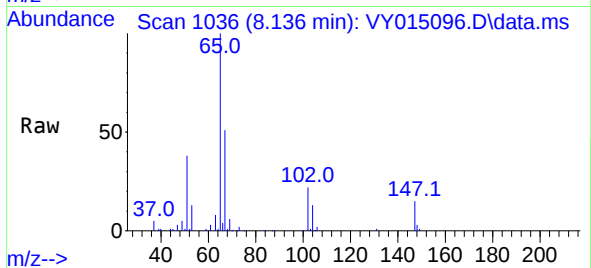




#33
1,2-Dichloroethane-d4
Concen: 28.418 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015096.D
Acq: 15 Aug 2023 12:14

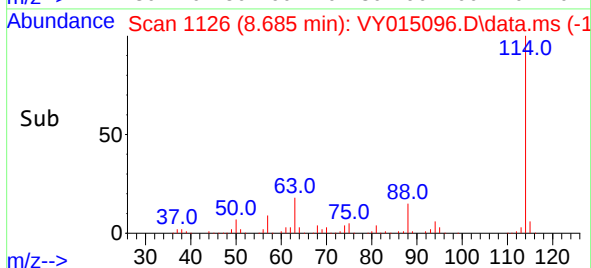
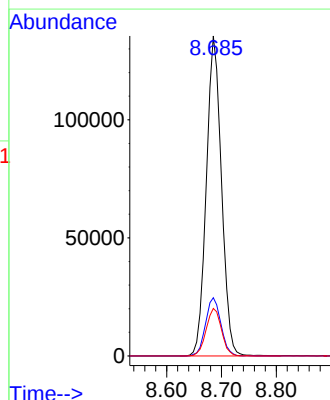
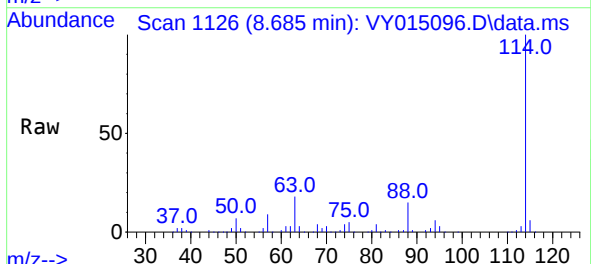
Instrument :
MSVOA_Y
ClientSampleId :

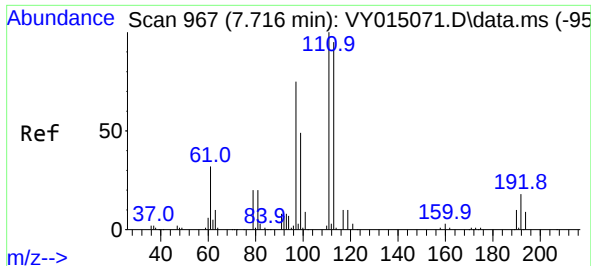
Tgt Ion: 65 Resp: 56096
Ion Ratio Lower Upper
65 100
67 52.7 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY015096.D
Acq: 15 Aug 2023 12:14

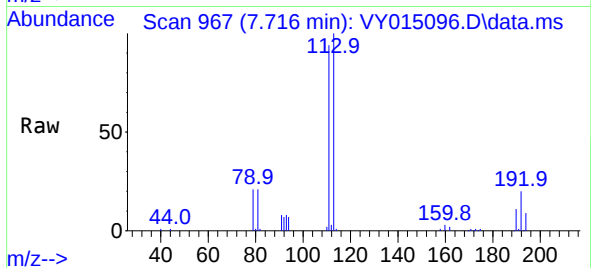
Tgt Ion: 114 Resp: 259115
Ion Ratio Lower Upper
114 100
63 18.2 0.0 42.4
88 14.8 0.0 30.6



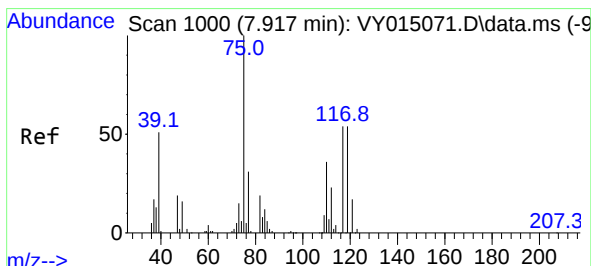
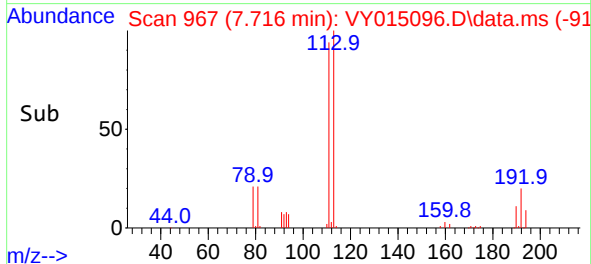
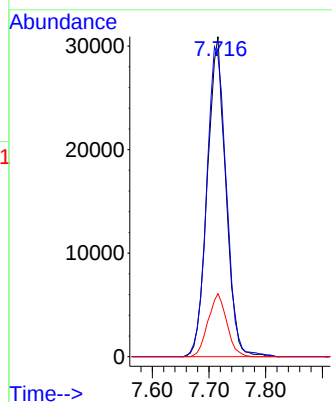


#35
Dibromofluoromethane
Concen: 42.018 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY015096.D
Acq: 15 Aug 2023 12:14

Instrument :
MSVOA_Y
ClientSampleId :

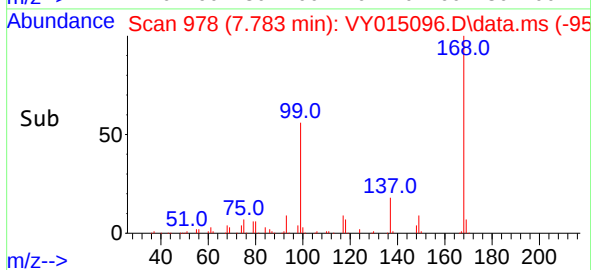
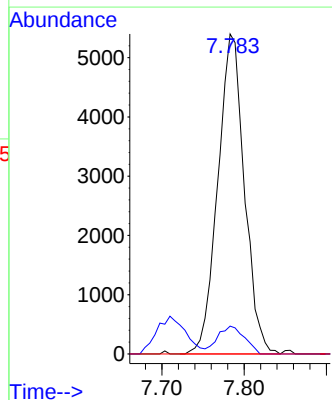
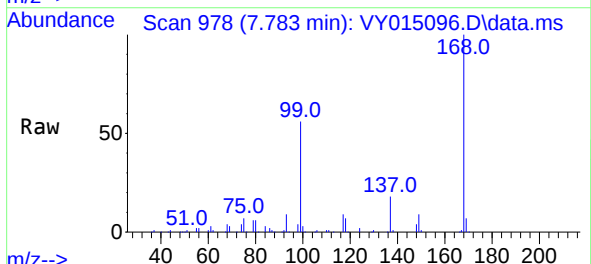


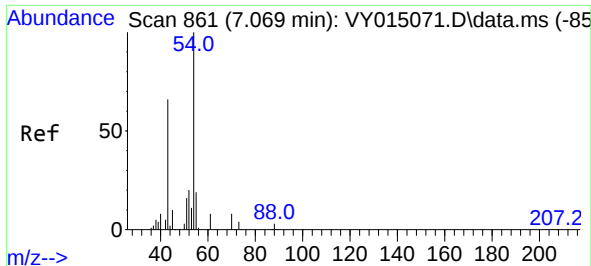
Tgt Ion:113 Resp: 70043
Ion Ratio Lower Upper
113 100
111 103.0 81.3 121.9
192 19.9 16.9 25.3



#36
1,1-Dichloropropene
Concen: 6.571 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY015096.D
Acq: 15 Aug 2023 12:14

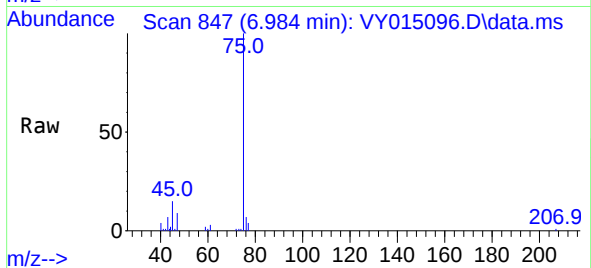
Tgt Ion: 75 Resp: 12118
Ion Ratio Lower Upper
75 100
110 8.8 17.8 53.5#
77 0.0 24.4 36.6#



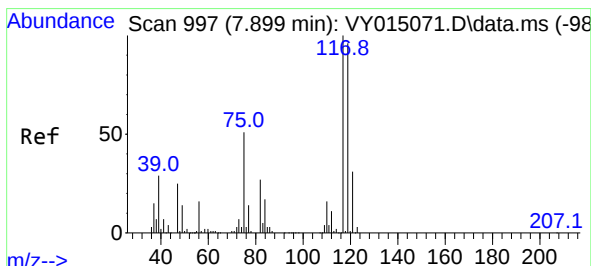
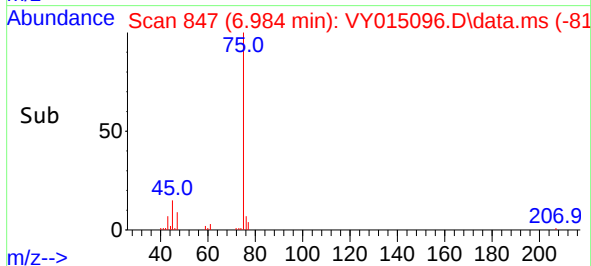
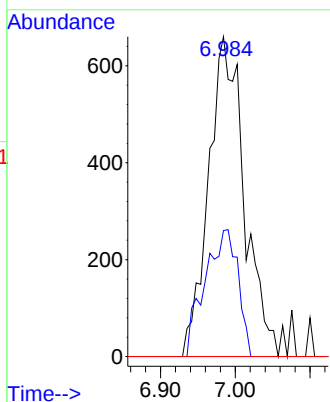


#37
Ethyl Acetate
Concen: 1.272 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.085 min
Lab File: VY015096.D
Acq: 15 Aug 2023 12:14

Instrument :
MSVOA_Y
ClientSampleId :

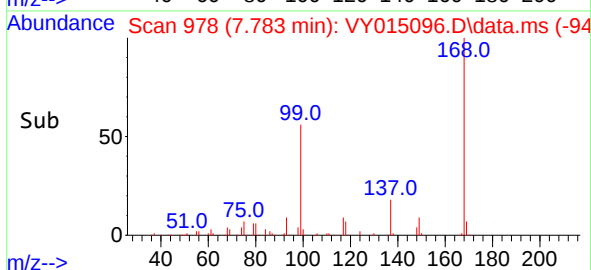
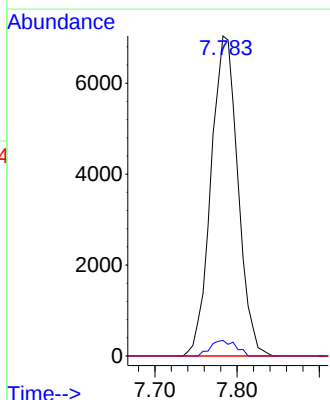
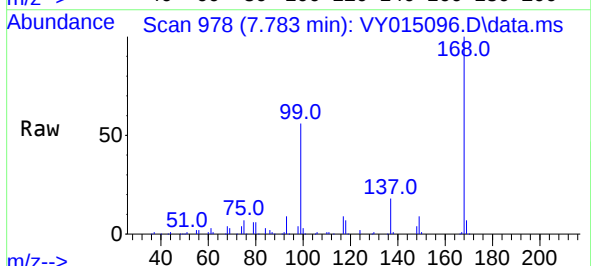


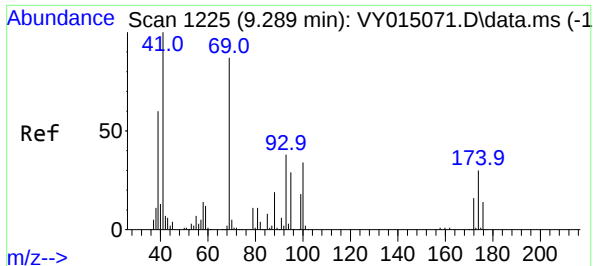
Tgt Ion: 43 Resp: 2187
Ion Ratio Lower Upper
43 100
61 36.7 10.1 15.1#
70 0.0 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 7.331 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY015096.D
Acq: 15 Aug 2023 12:14

Tgt Ion: 117 Resp: 16000
Ion Ratio Lower Upper
117 100
119 4.9 76.4 114.6#
121 0.0 25.8 38.6#





#48

Methyl methacrylate

Concen: 1.008 ug/l

RT: 9.520 min Scan# 11

Delta R.T. 0.232 min

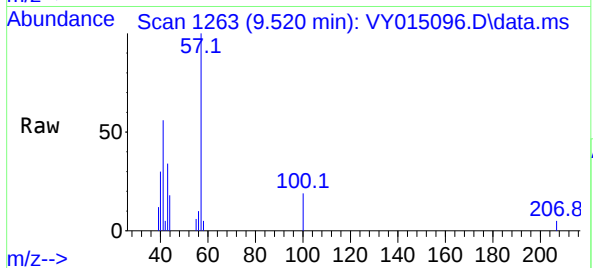
Lab File: VY015096.D

Acq: 15 Aug 2023 12:14

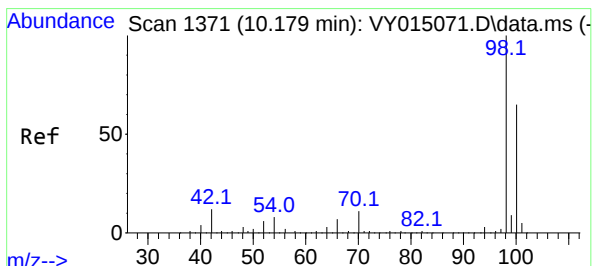
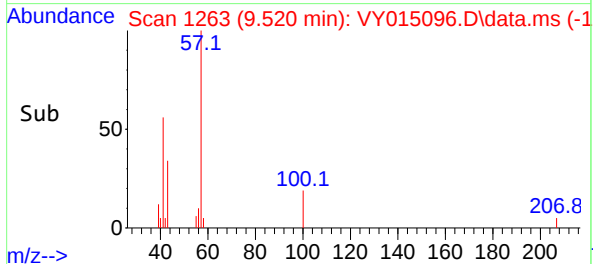
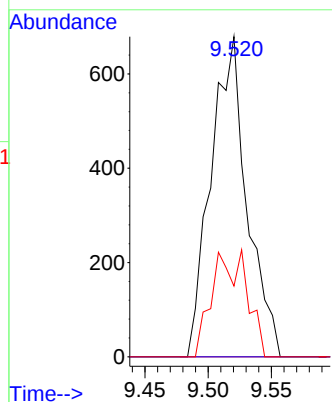
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	41	Resp:	1350
Ion	Ratio	Lower	Upper
41	100		
69	0.0	64.5	96.7#
39	31.9	50.8	76.2#



#50

Toluene-d8

Concen: 47.820 ug/l

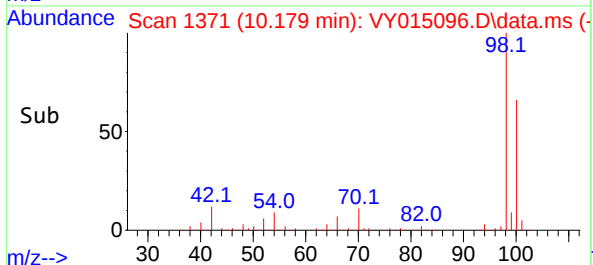
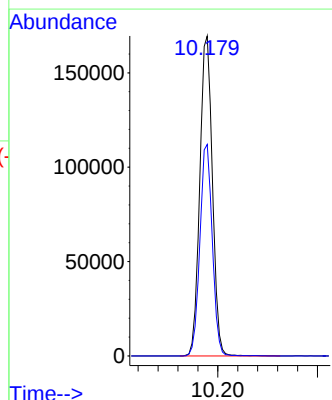
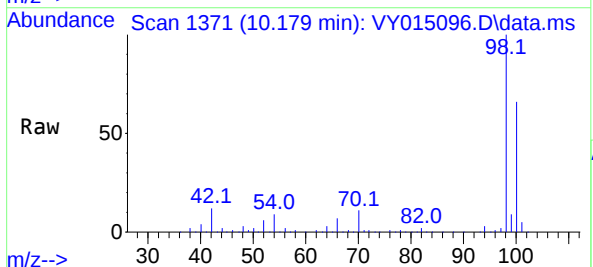
RT: 10.179 min Scan# 1371

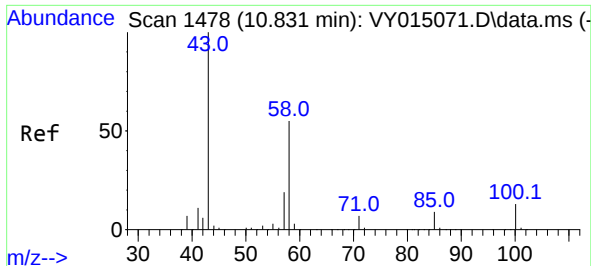
Delta R.T. 0.000 min

Lab File: VY015096.D

Acq: 15 Aug 2023 12:14

Tgt Ion:	98	Resp:	296746
Ion	Ratio	Lower	Upper
98	100		
100	65.0	50.1	75.1





#59

2-Hexanone

Concen: 1.250 ug/l

RT: 10.837 min Scan# 1478

Delta R.T. 0.006 min

Lab File: VY015096.D

Acq: 15 Aug 2023 12:14

Instrument :

MSVOA_Y

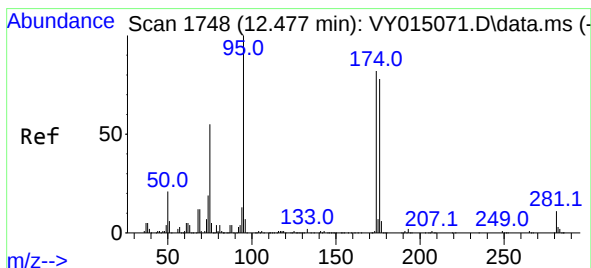
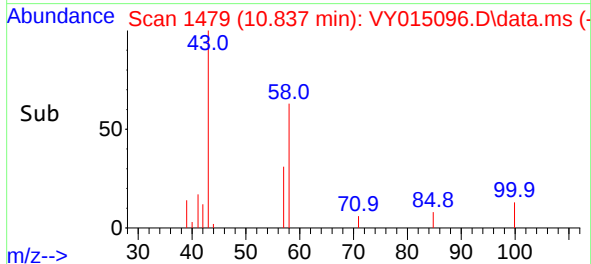
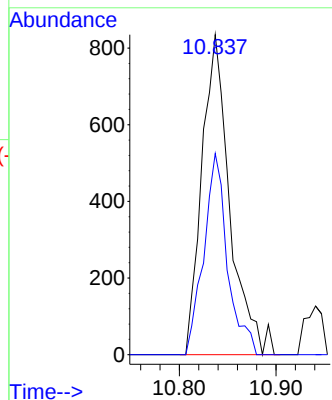
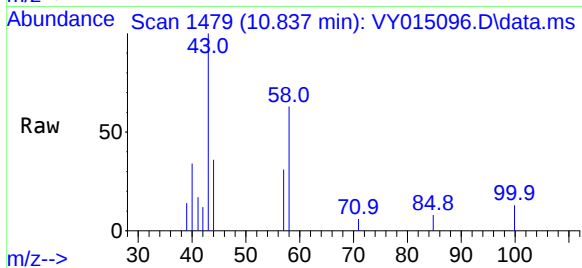
ClientSampleId :

Tgt Ion: 43 Resp: 1678

Ion Ratio Lower Upper

43 100

58 53.2 25.1 75.3



#62

4-Bromofluorobenzene

Concen: 37.933 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY015096.D

Acq: 15 Aug 2023 12:14

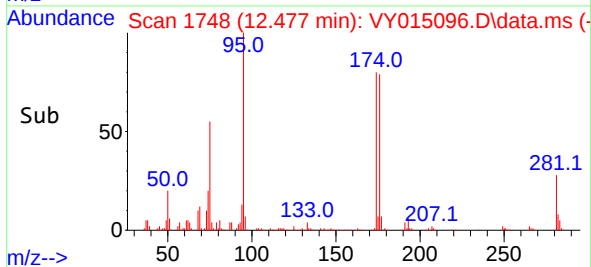
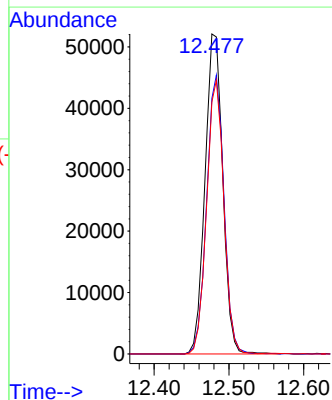
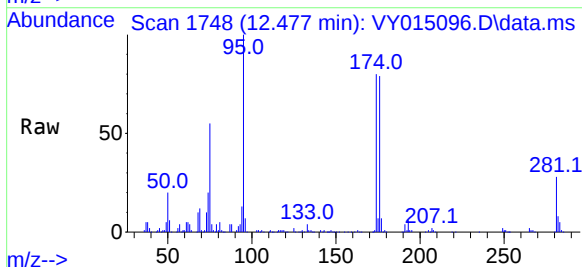
Tgt Ion: 95 Resp: 85976

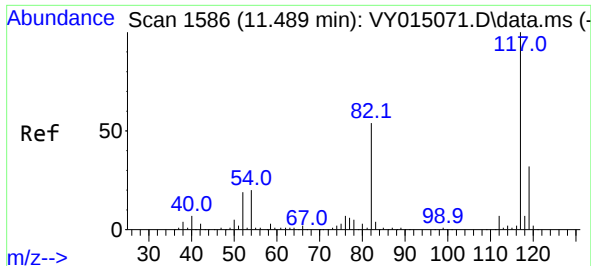
Ion Ratio Lower Upper

95 100

174 85.2 0.0 178.2

176 82.9 0.0 173.8

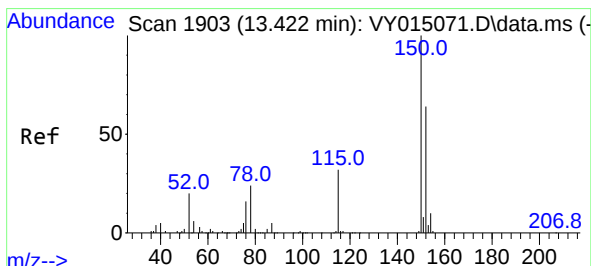
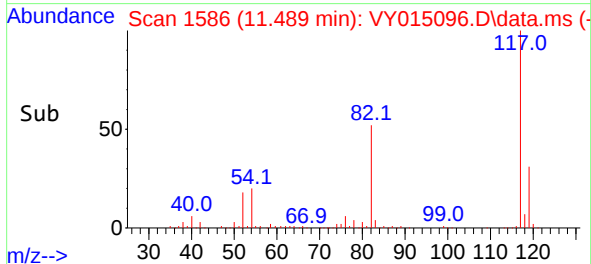
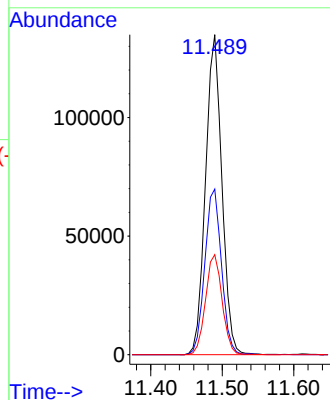
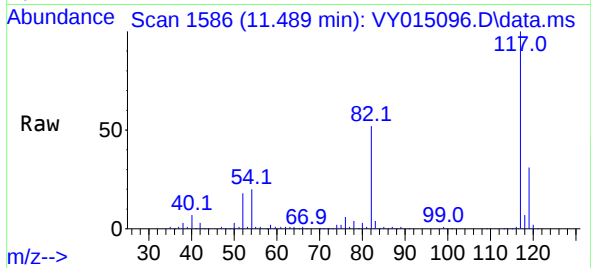




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015096.D
Acq: 15 Aug 2023 12:14

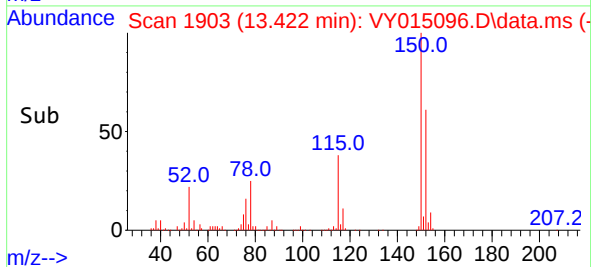
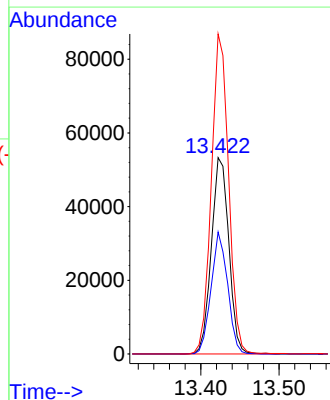
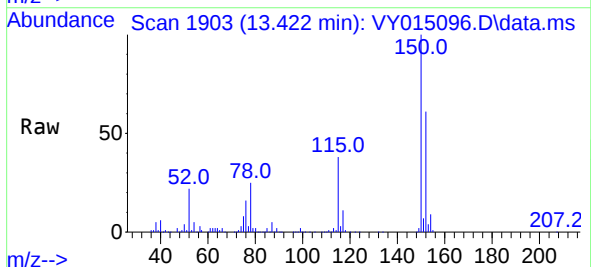
Instrument :
MSVOA_Y
ClientSampleId :

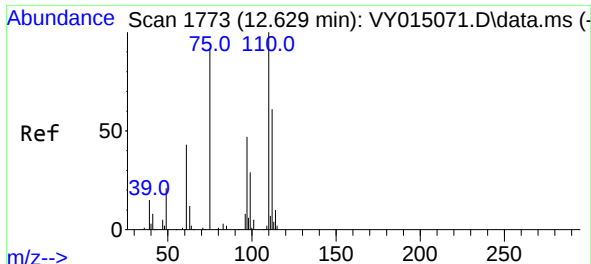
Tgt Ion:117 Resp: 214475
Ion Ratio Lower Upper
117 100
82 51.8 43.4 65.0
119 31.3 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY015096.D
Acq: 15 Aug 2023 12:14

Tgt Ion:152 Resp: 82506
Ion Ratio Lower Upper
152 100
115 58.7 28.8 86.5
150 160.7 0.0 348.8

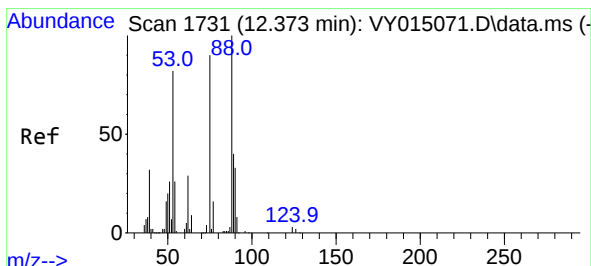
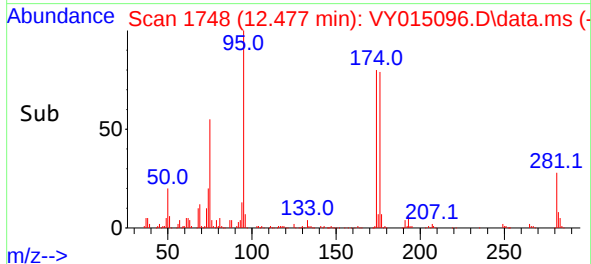
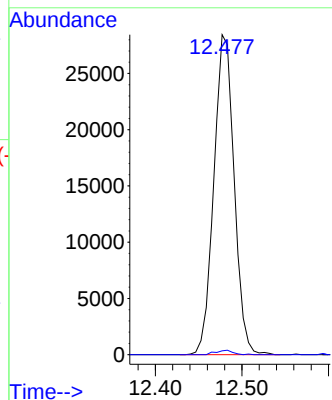
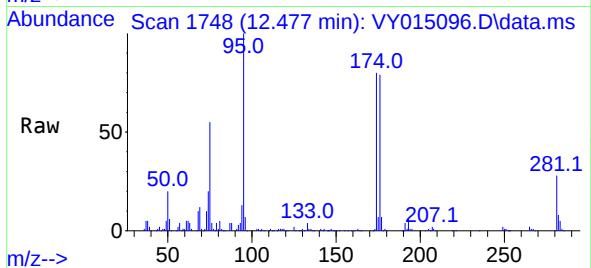




#76
1,2,3-Trichloropropane
Concen: 46.267 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY015096.D
Acq: 15 Aug 2023 12:14

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 46377
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 101.624 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY015096.D
Acq: 15 Aug 2023 12:14

Tgt Ion: 75 Resp: 46377
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.5 37.4 56.0#

