

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082223\
 Data File : VY015234.D
 Acq On : 22 Aug 2023 11:04
 Operator : SY/MD
 Sample : VY0822SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0822SBL01

Quant Time: Aug 22 14:26:30 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)

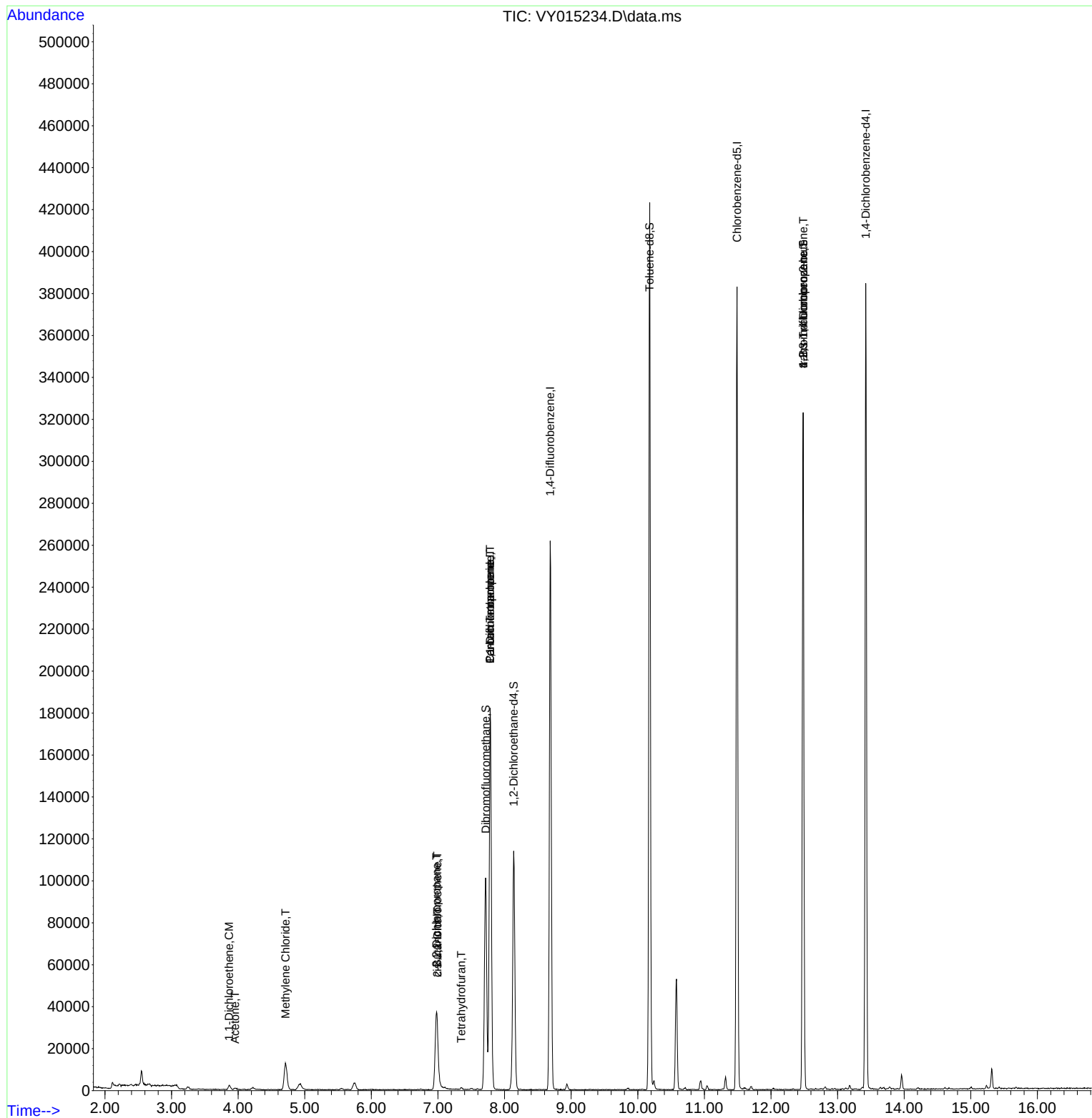
Internal Standards						
1) Pentafluorobenzene	7.783	168	140117	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	224854	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	204502	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	96168	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	87615	52.091	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.180%			
35) Dibromofluoromethane	7.716	113	70450	48.702	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.400%			
50) Toluene-d8	10.179	98	264432	49.106	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 98.220%			
62) 4-Bromofluorobenzene	12.483	95	88303	44.896	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 89.800%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	179	Below Cal	#	43
3) Chloromethane	2.113	50	1233	Below Cal		95
5) Bromomethane	2.656	94	294	Below Cal	#	67
11) Tert butyl alcohol	4.930	59	3476	Below Cal	#	89
12) 1,1-Dichloroethene	3.863	96	1140	1.169	ug/l #	71
16) Acetone	3.954	43	1308	2.380	ug/l	97
20) Methylene Chloride	4.710	84	9563	3.216	ug/l	94
25) 2-Butanone	6.990	43	2413	3.102	ug/l #	76
26) 2,2-Dichloropropane	6.978	77	2680	1.190	ug/l #	54
27) cis-1,2-Dichloroethene	6.990	96	1891	1.259	ug/l	60
29) Tetrahydrofuran	7.350	42	620	1.333	ug/l #	68
31) Cyclohexane	7.783	56	3020	Below Cal	#	1
36) 1,1-Dichloropropene	7.783	75	11382	7.112	ug/l #	49
38) Carbon Tetrachloride	7.783	117	14072	7.430	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	48830	41.793	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	48830	91.798	ug/l #	11

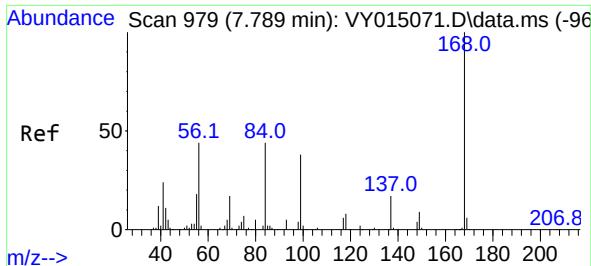
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082223\
Data File : VY015234.D
Acq On : 22 Aug 2023 11:04
Operator : SY/MD
Sample : VY08222SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY08222SBL01

Quant Time: Aug 22 14:26:30 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

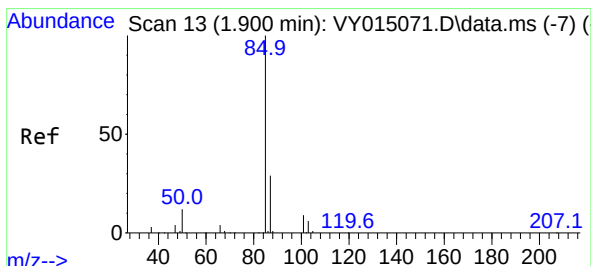
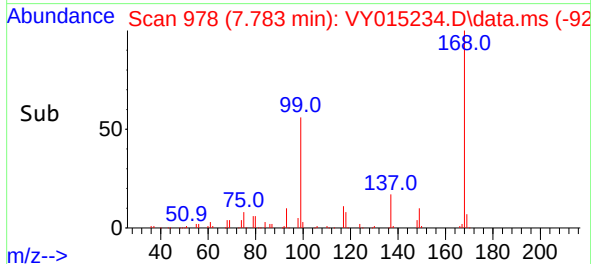
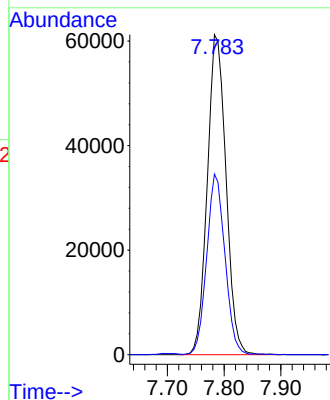
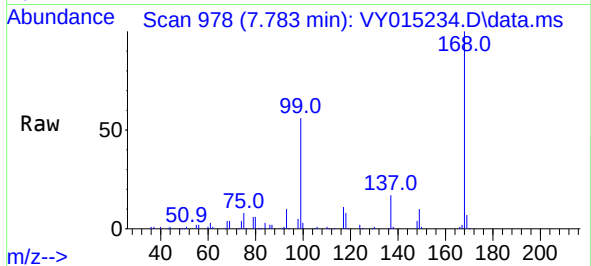




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015234.D
Acq: 22 Aug 2023 11:04

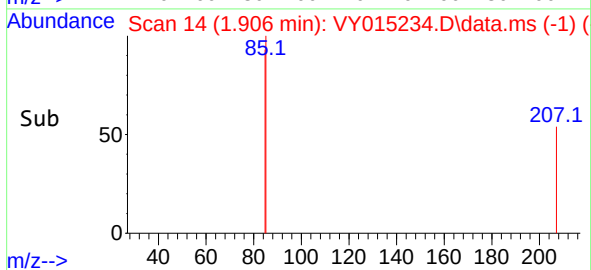
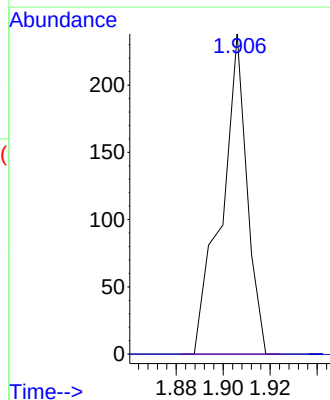
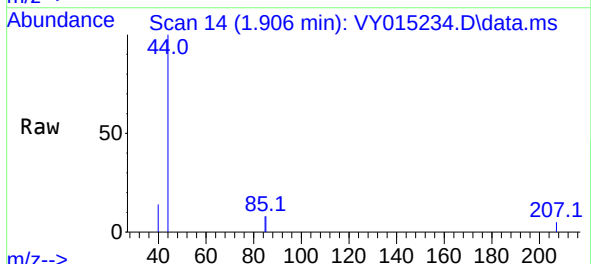
Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBL01

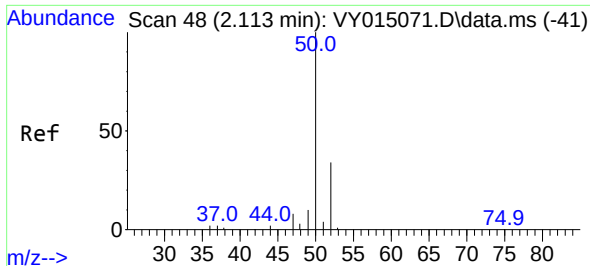
Tgt Ion:168 Resp: 140117
Ion Ratio Lower Upper
168 100
99 56.5 43.4 65.0



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY015234.D
Acq: 22 Aug 2023 11:04

Tgt Ion: 85 Resp: 179
Ion Ratio Lower Upper
85 100
87 0.0 15.6 46.8#

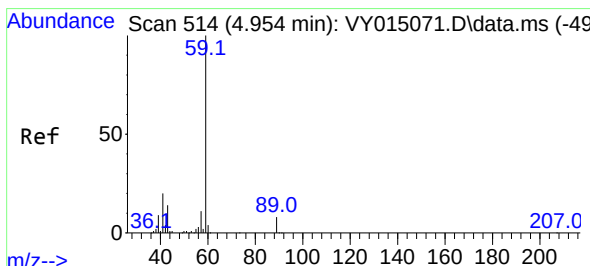
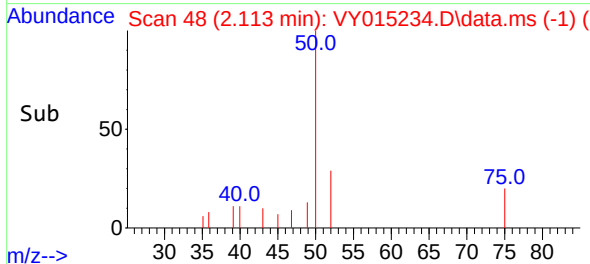
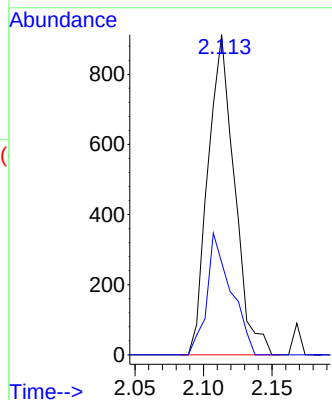
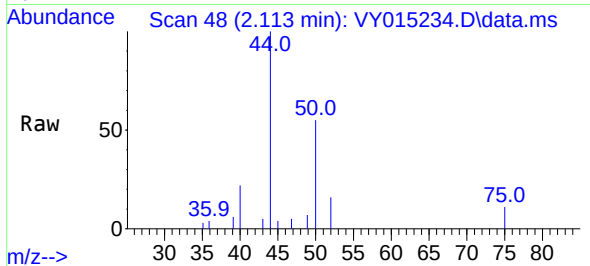




#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY015234.D
Acq: 22 Aug 2023 11:04

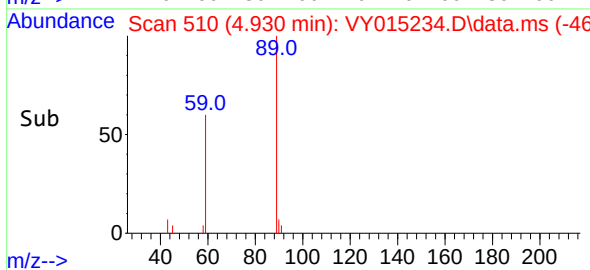
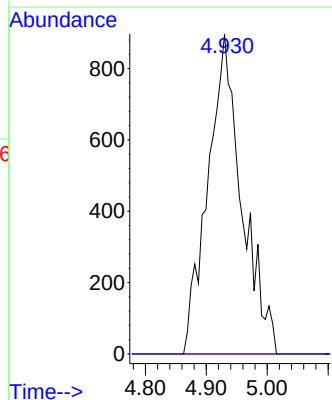
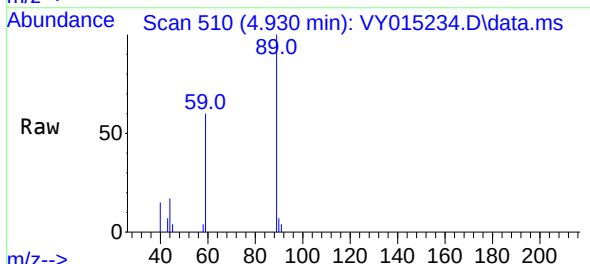
Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBL01

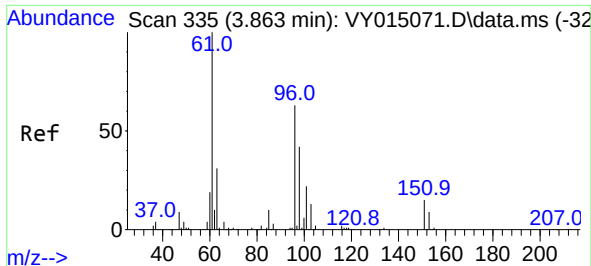
Tgt Ion: 50 Resp: 1233
Ion Ratio Lower Upper
50 100
52 28.8 25.4 38.2



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.930 min Scan# 510
Delta R.T. -0.018 min
Lab File: VY015234.D
Acq: 22 Aug 2023 11:04

Tgt Ion: 59 Resp: 3476
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

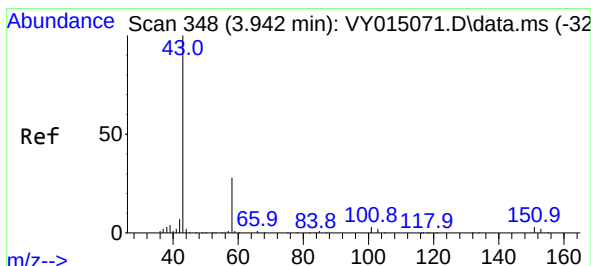
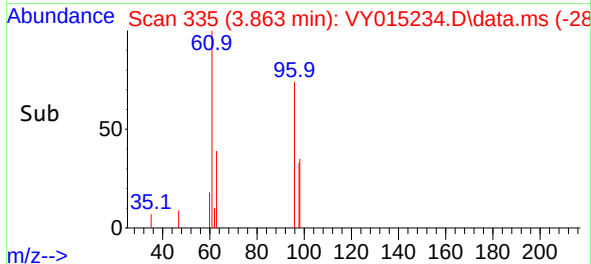
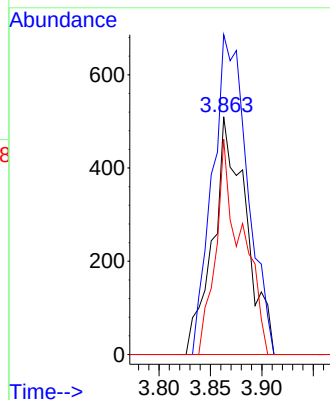
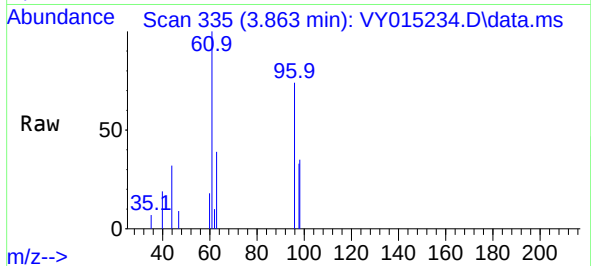




#12
1,1-Dichloroethene
Concen: 1.169 ug/l
RT: 3.863 min Scan# 311
Delta R.T. 0.000 min
Lab File: VY015234.D
Acq: 22 Aug 2023 11:04

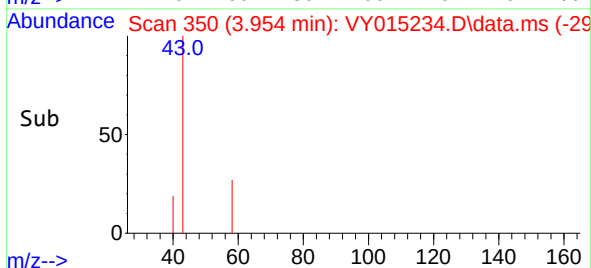
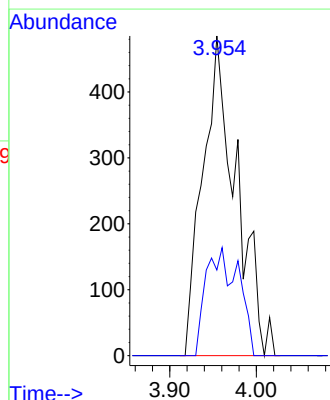
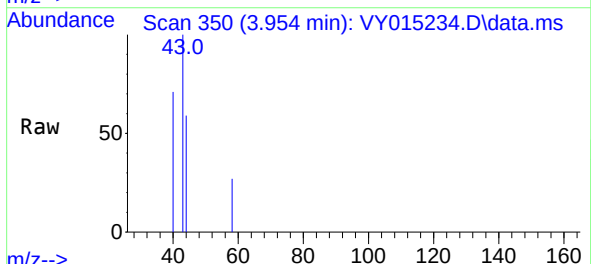
Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBL01

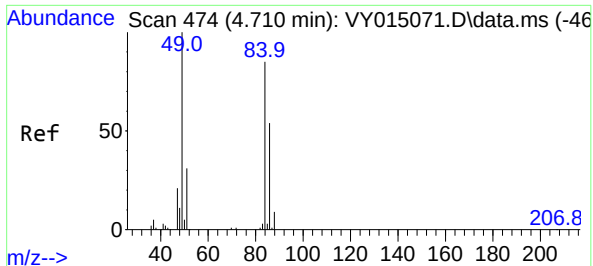
Tgt Ion: 96 Resp: 1140
Ion Ratio Lower Upper
96 100
61 134.5 136.4 204.6#
98 90.6 49.4 74.2#



#16
Acetone
Concen: 2.380 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY015234.D
Acq: 22 Aug 2023 11:04

Tgt Ion: 43 Resp: 1308
Ion Ratio Lower Upper
43 100
58 26.8 22.7 34.1



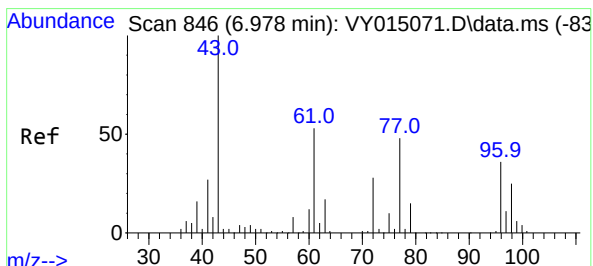
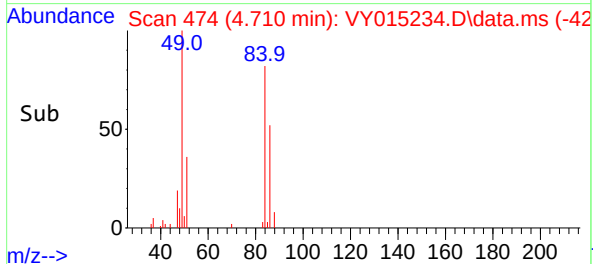
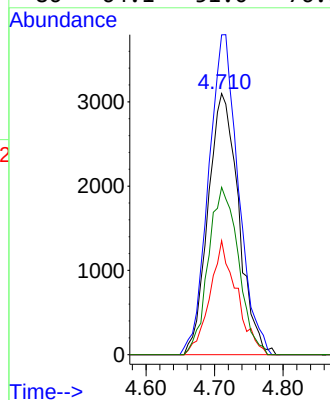
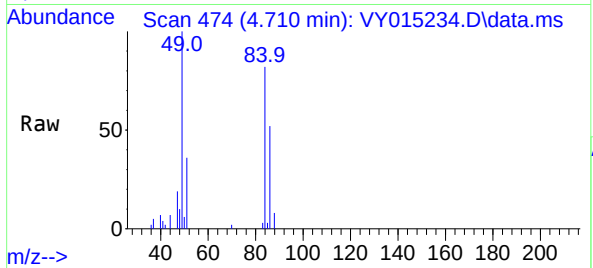


#20
Methylene Chloride
Concen: 3.216 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY015234.D
Acq: 22 Aug 2023 11:04

Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBL01

Tgt Ion: 84 Resp: 9563

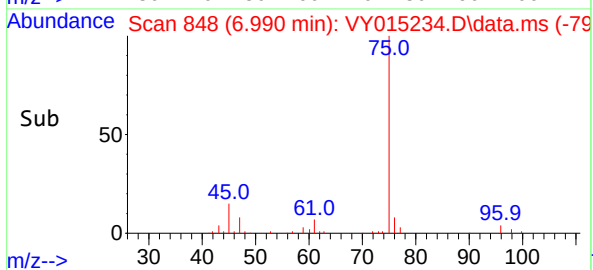
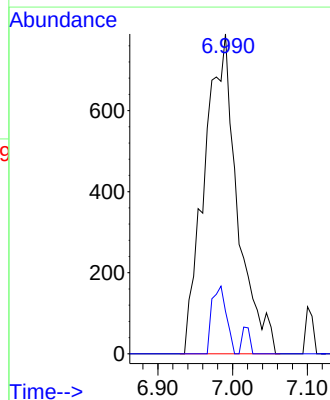
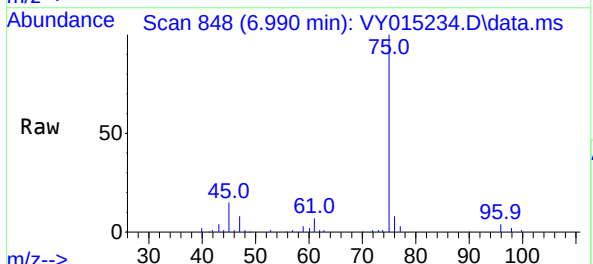
Ion	Ratio	Lower	Upper
84	100		
49	122.5	106.9	160.3
51	43.6	33.2	49.8
86	64.1	51.0	76.6

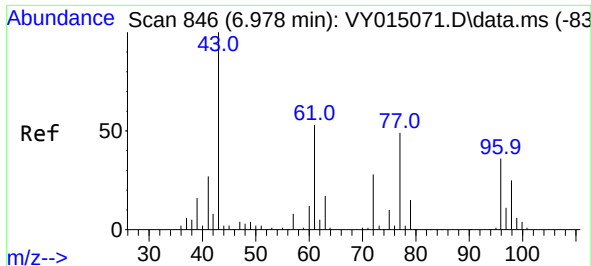


#25
2-Butanone
Concen: 3.102 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.012 min
Lab File: VY015234.D
Acq: 22 Aug 2023 11:04

Tgt Ion: 43 Resp: 2413

Ion	Ratio	Lower	Upper
43	100		
72	13.3	20.5	30.7#

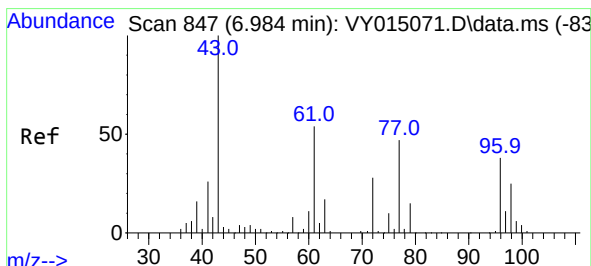
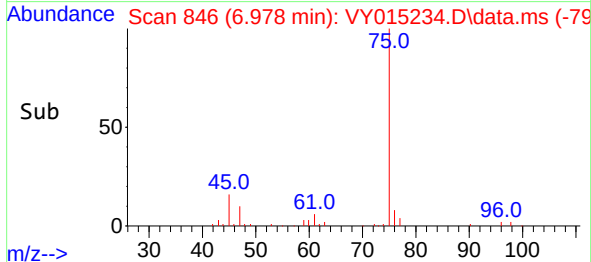
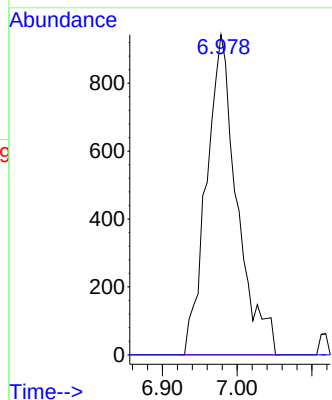
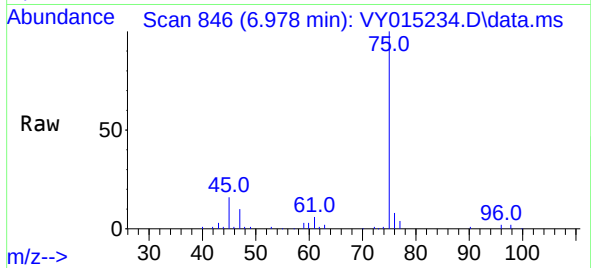




#26
2,2-Dichloropropane
Concen: 1.190 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY015234.D
Acq: 22 Aug 2023 11:04

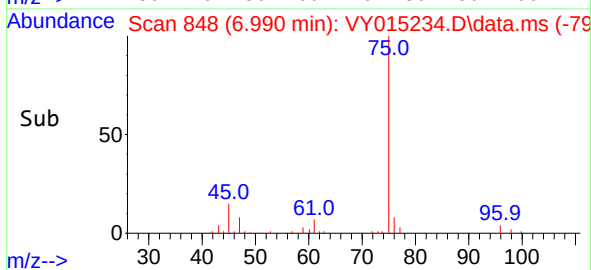
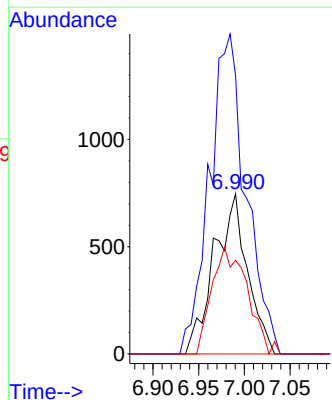
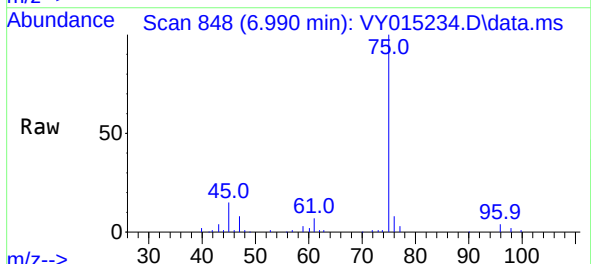
Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBL01

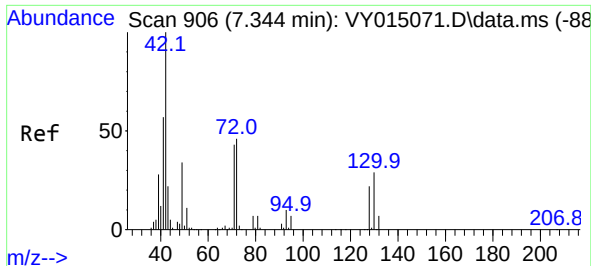
Tgt Ion: 77 Resp: 2680
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#



#27
cis-1,2-Dichloroethene
Concen: 1.259 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.012 min
Lab File: VY015234.D
Acq: 22 Aug 2023 11:04

Tgt Ion: 96 Resp: 1891
Ion Ratio Lower Upper
96 100
61 218.9 0.0 301.4
98 70.9 0.0 130.4

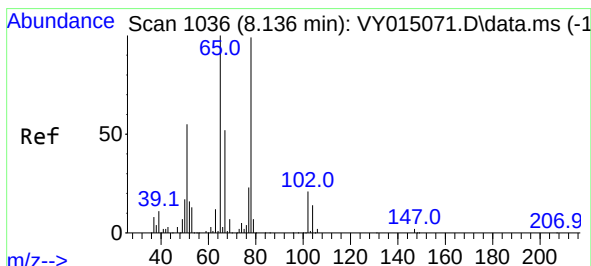
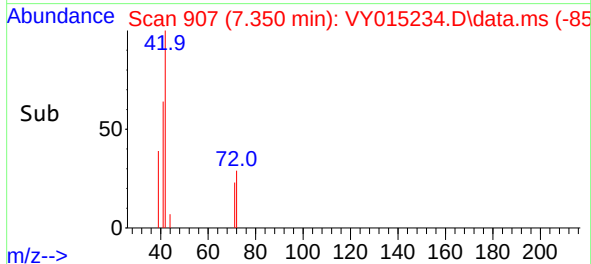
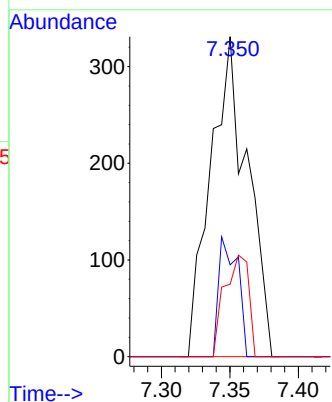
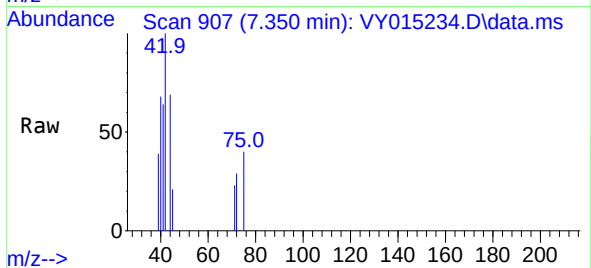




#29
Tetrahydrofuran
Concen: 1.333 ug/l
RT: 7.350 min Scan# 906
Delta R.T. 0.006 min
Lab File: VY015234.D
Acq: 22 Aug 2023 11:04

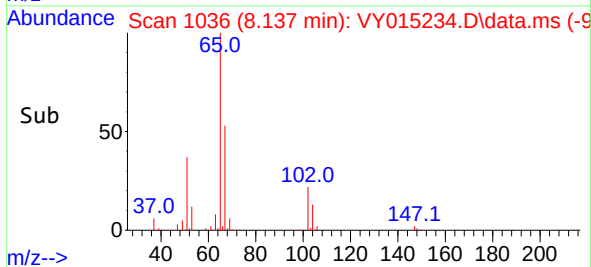
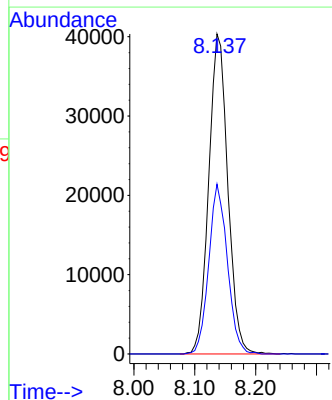
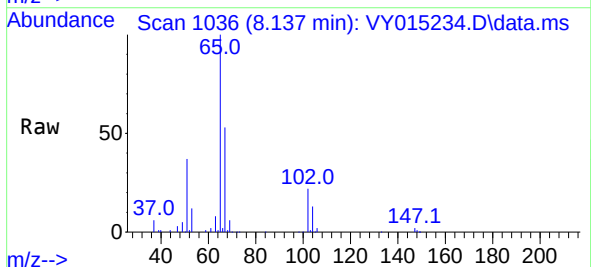
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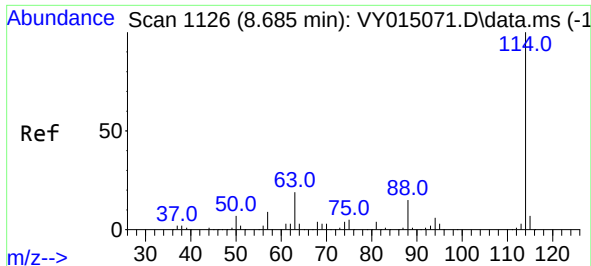
Tgt Ion: 42 Resp: 620
Ion Ratio Lower Upper
42 100
72 19.0 32.8 49.2#
71 20.6 31.0 46.4#



#33
1,2-Dichloroethane-d4
Concen: 52.091 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015234.D
Acq: 22 Aug 2023 11:04

Tgt Ion: 65 Resp: 87615
Ion Ratio Lower Upper
65 100
67 51.9 0.0 101.8

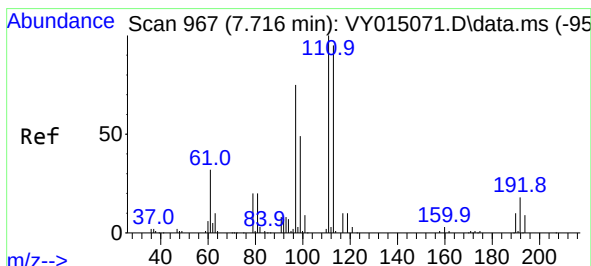
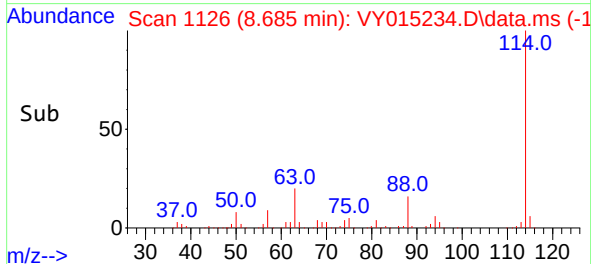
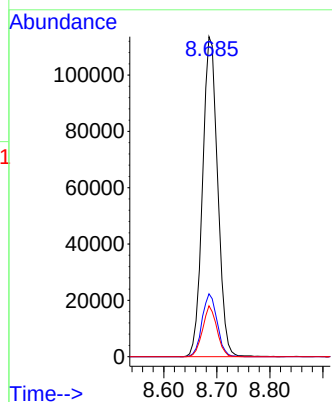
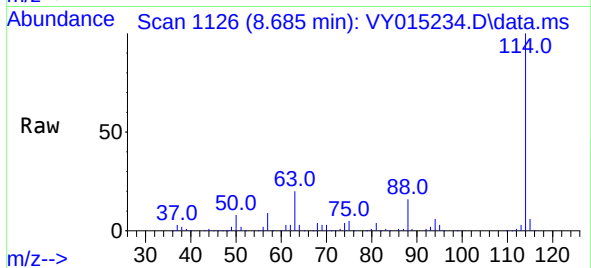




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY015234.D
Acq: 22 Aug 2023 11:04

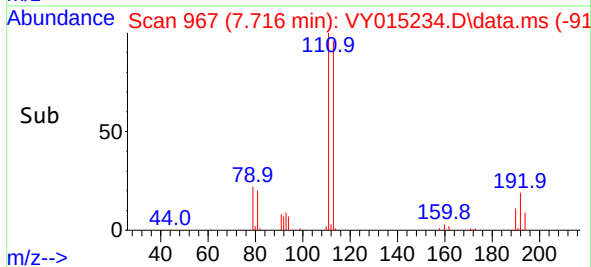
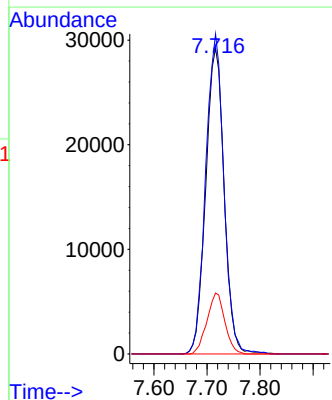
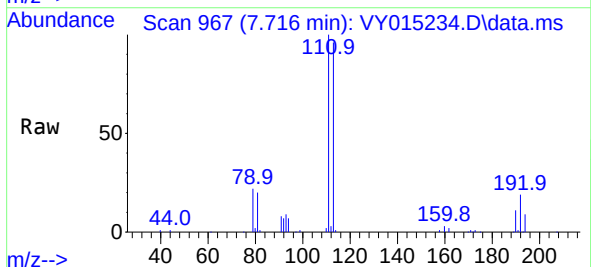
Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBL01

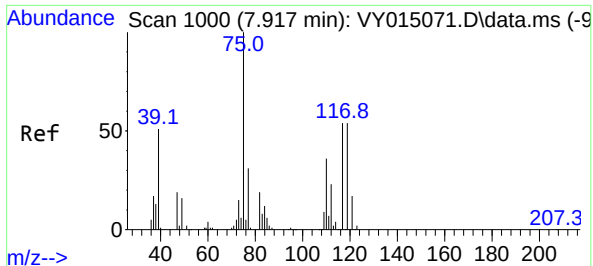
Tgt Ion:114 Resp: 224854
Ion Ratio Lower Upper
114 100
63 19.7 0.0 42.4
88 15.9 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.702 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY015234.D
Acq: 22 Aug 2023 11:04

Tgt Ion:113 Resp: 70450
Ion Ratio Lower Upper
113 100
111 103.3 81.3 121.9
192 19.3 16.9 25.3





#36

1,1-Dichloropropene

Concen: 7.112 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY015234.D

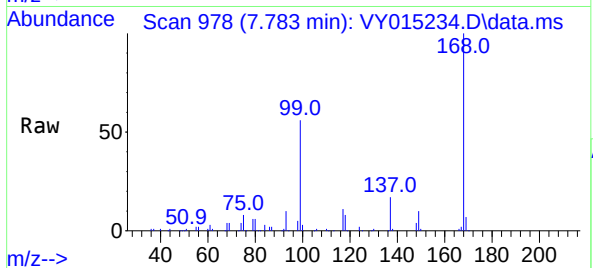
Acq: 22 Aug 2023 11:04

Instrument :

MSVOA_Y

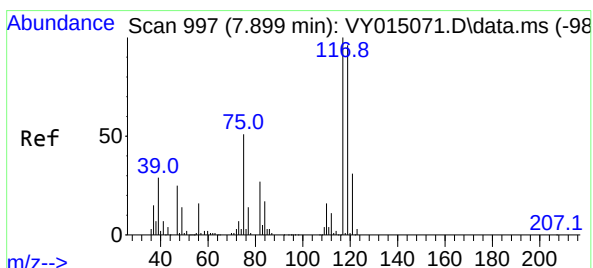
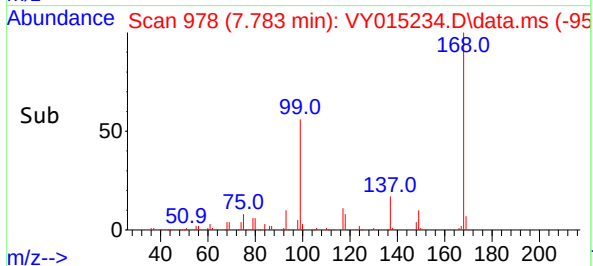
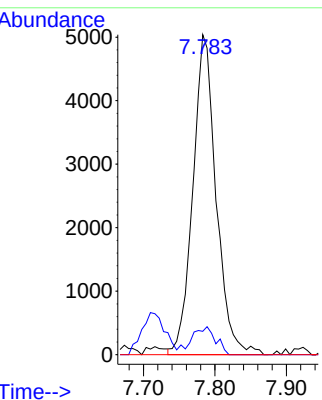
ClientSampleId :

VY0822SBL01



Tgt Ion: 75 Resp: 11382

Ion	Ratio	Lower	Upper
75	100		
110	8.2	17.8	53.5#
77	0.0	24.4	36.6#



#38

Carbon Tetrachloride

Concen: 7.430 ug/l

RT: 7.783 min Scan# 978

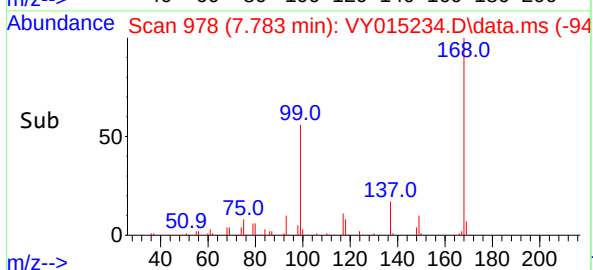
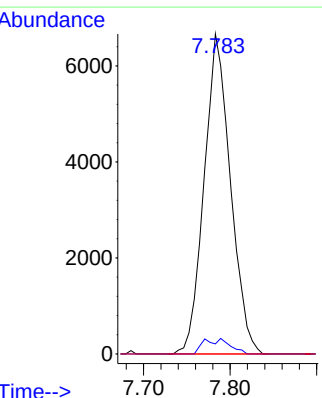
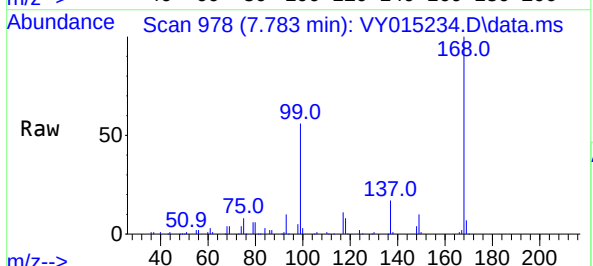
Delta R.T. -0.116 min

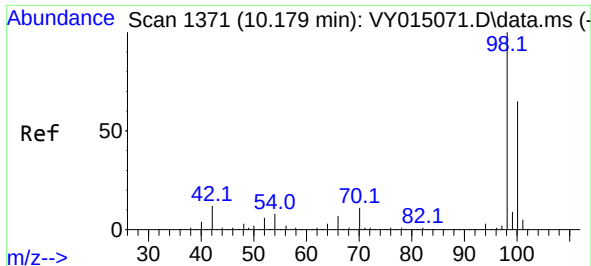
Lab File: VY015234.D

Acq: 22 Aug 2023 11:04

Tgt Ion: 117 Resp: 14072

Ion	Ratio	Lower	Upper
117	100		
119	3.2	76.4	114.6#
121	0.0	25.8	38.6#

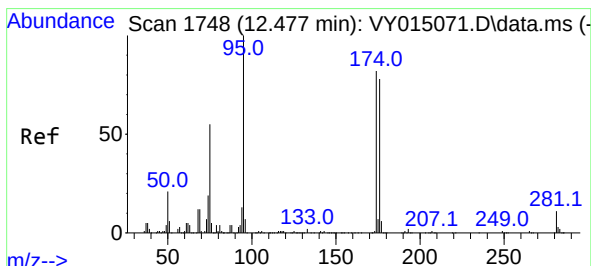
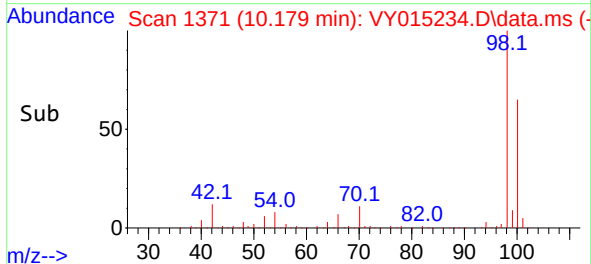
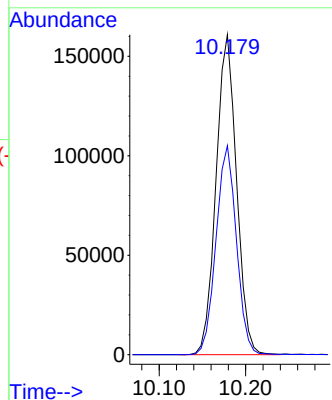
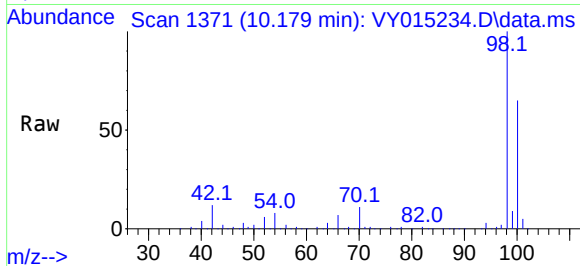




#50
Toluene-d8
Concen: 49.106 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015234.D
Acq: 22 Aug 2023 11:04

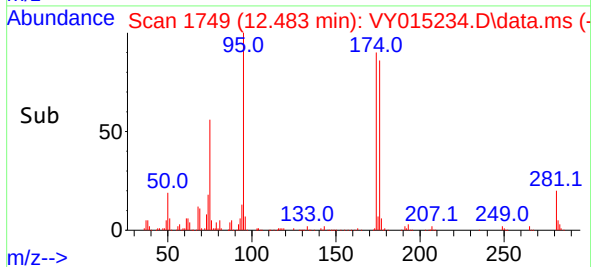
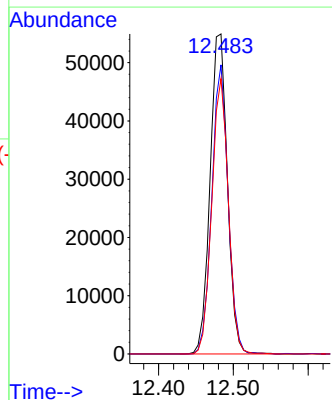
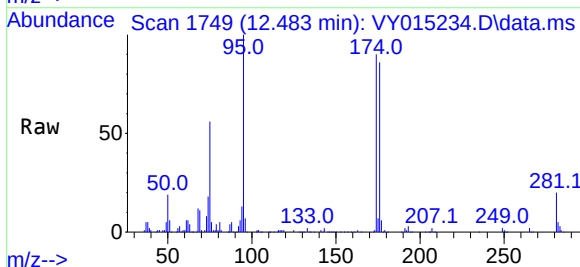
Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBL01

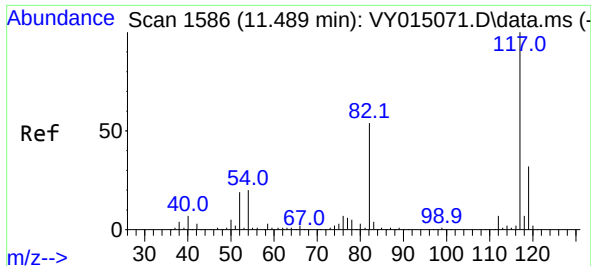
Tgt Ion: 98 Resp: 264432
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 44.896 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015234.D
Acq: 22 Aug 2023 11:04

Tgt Ion: 95 Resp: 88303
Ion Ratio Lower Upper
95 100
174 85.2 0.0 178.2
176 82.4 0.0 173.8

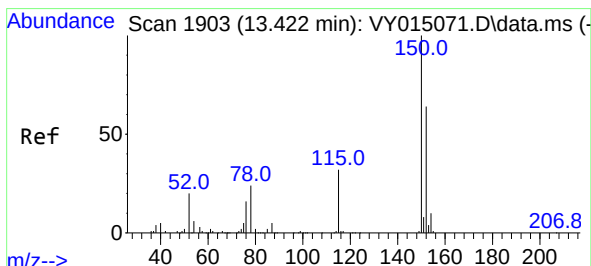
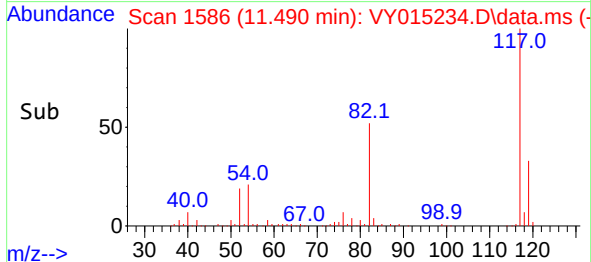
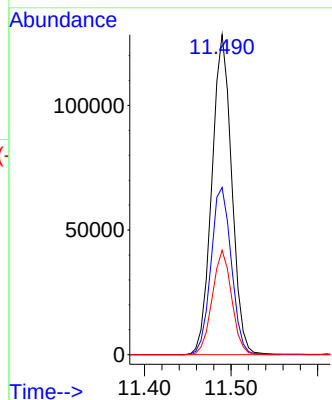
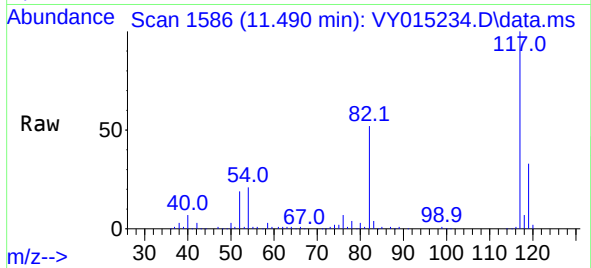




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY015234.D
Acq: 22 Aug 2023 11:04

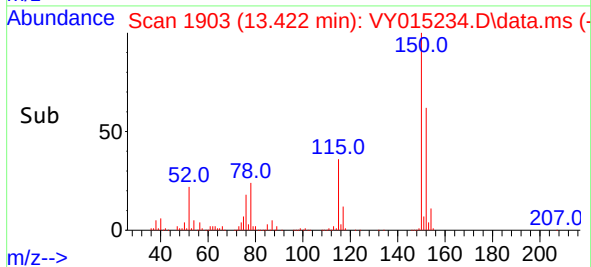
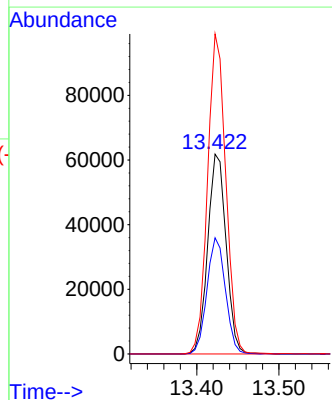
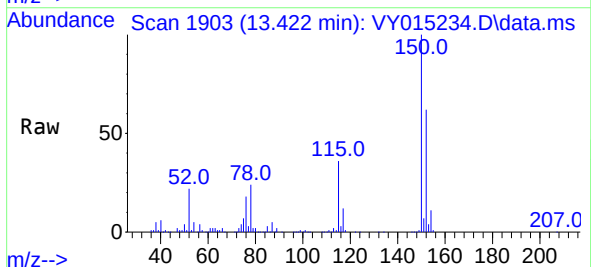
Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBL01

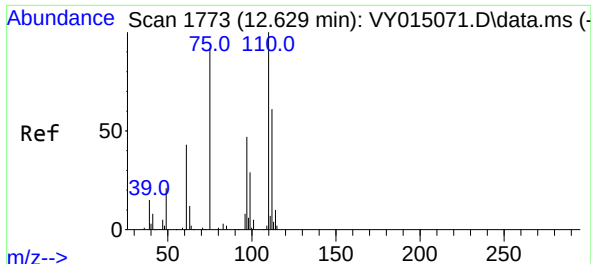
Tgt Ion:117 Resp: 204502
Ion Ratio Lower Upper
117 100
82 52.3 43.4 65.0
119 32.6 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY015234.D
Acq: 22 Aug 2023 11:04

Tgt Ion:152 Resp: 96168
Ion Ratio Lower Upper
152 100
115 58.2 28.8 86.5
150 158.1 0.0 348.8

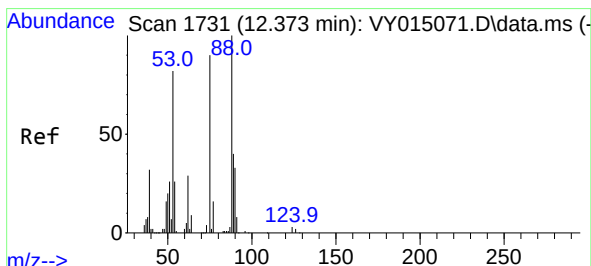
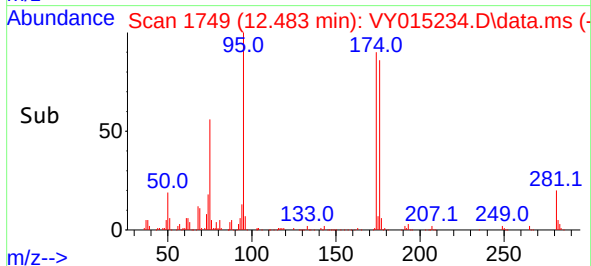
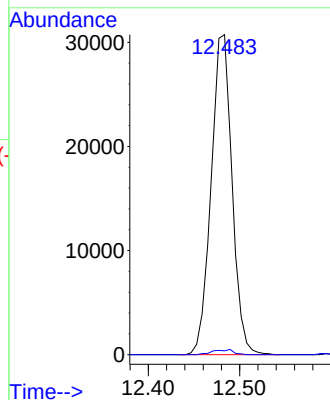
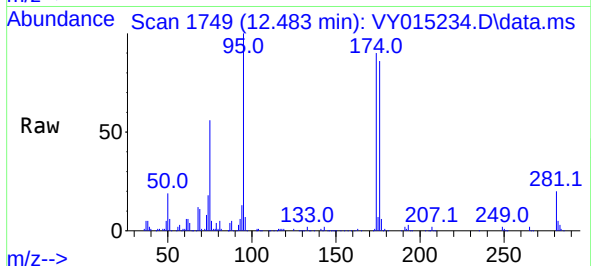




#76
1,2,3-Trichloropropane
Concen: 41.793 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY015234.D
Acq: 22 Aug 2023 11:04

Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBL01

Tgt Ion: 75 Resp: 48830
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.798 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.110 min
Lab File: VY015234.D
Acq: 22 Aug 2023 11:04

Tgt Ion: 75 Resp: 48830
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.3 37.4 56.0#

