

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052523\
 Data File : VY013874.D
 Acq On : 25 May 2023 15:36
 Operator : KP/MD
 Sample : 02869-01
 Misc : 3.25g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP18

Quant Time: May 26 04:34:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:25:47 2023
 Response via : Initial Calibration

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

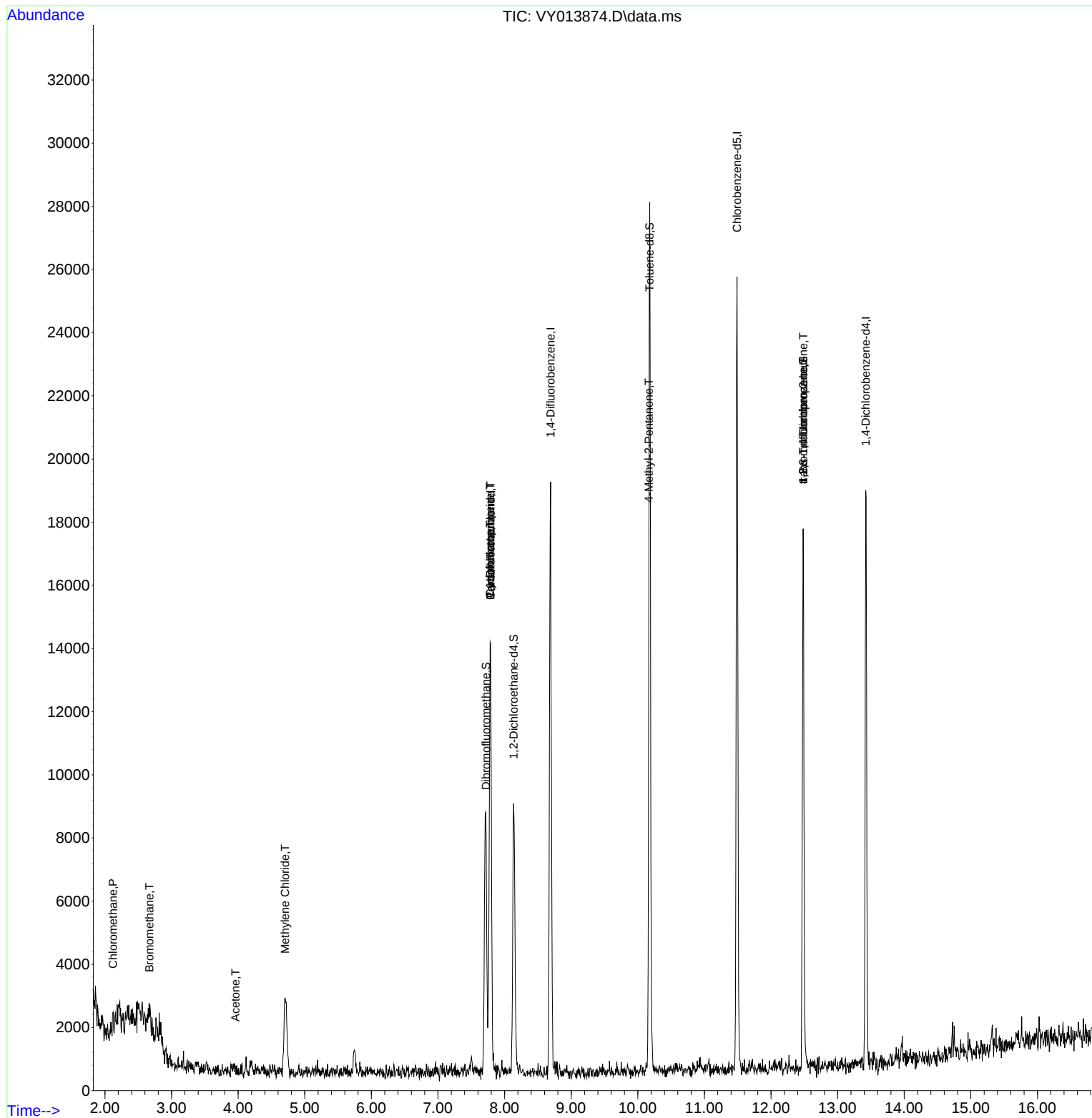
Internal Standards						
1) Pentafluorobenzene	7.789	168	11130	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	15870	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	13738	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	5108	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	7261	56.390	ug/l	-0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.780%			
35) Dibromofluoromethane	7.722	113	5995	58.494	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 116.980%			
50) Toluene-d8	10.179	98	18665	47.917	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 95.840%			
62) 4-Bromofluorobenzene	12.483	95	5167	39.906	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 79.820%			
Target Compounds						Qvalue
3) Chloromethane	2.119	50	146	1.176	ug/l #	43
5) Bromomethane	2.668	94	108	1.070	ug/l	87
16) Acetone	3.960	43	237	6.201	ug/l #	46
20) Methylene Chloride	4.704	84	1849	11.700	ug/l	85
31) Cyclohexane	7.783	56	319	1.612	ug/l #	32
36) 1,1-Dichloropropene	7.783	75	901	5.772	ug/l #	48
38) Carbon Tetrachloride	7.789	117	1017	5.729	ug/l #	13
51) 4-Methyl-2-Pentanone	10.167	43	94	1.017	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	2362	39.216	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	2362	85.126	ug/l #	11

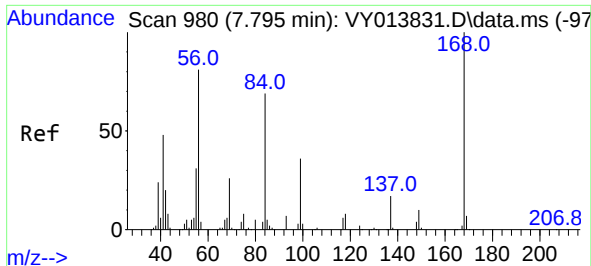
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed May 24 05:25:47 2023
Response via : Initial Calibration

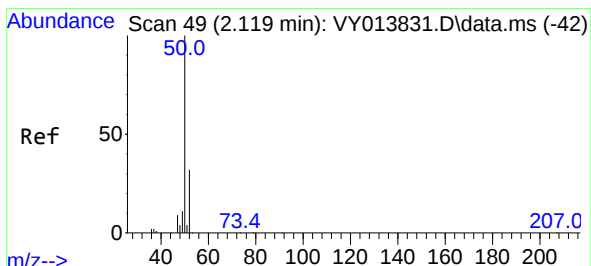
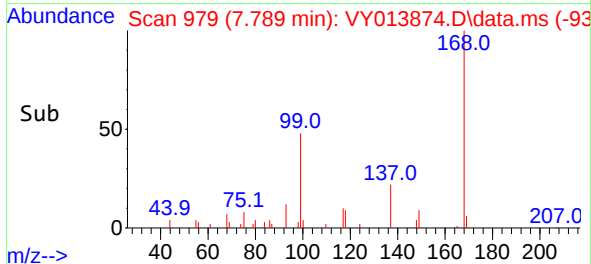
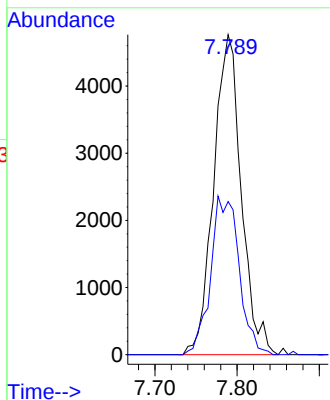
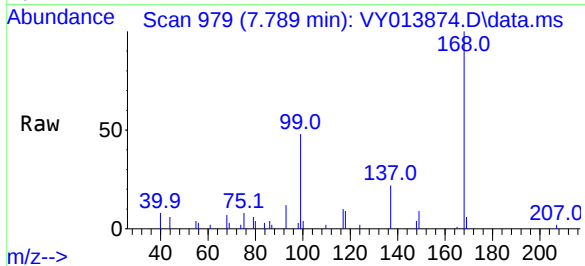




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013874.D
Acq: 25 May 2023 15:36

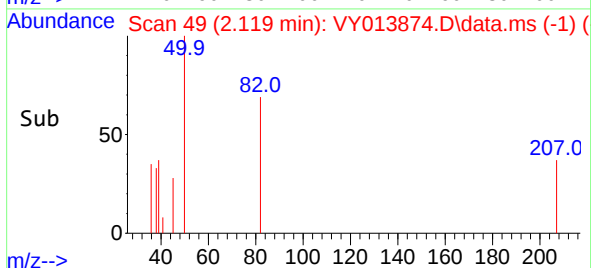
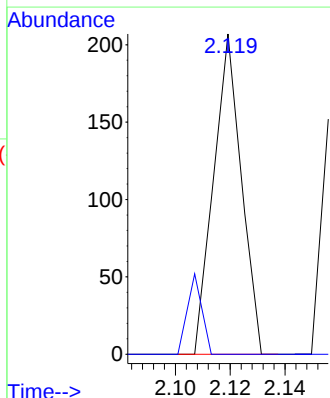
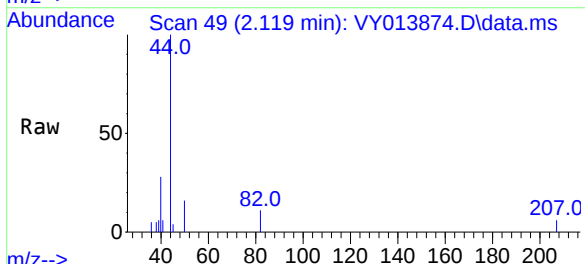
Instrument :
MSVOA_Y
ClientSampleId :
TP18

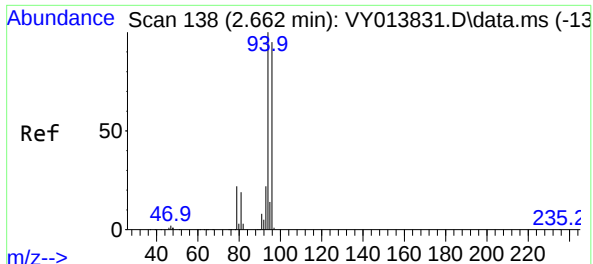
Tgt Ion:168 Resp: 11130
Ion Ratio Lower Upper
168 100
99 47.8 43.4 65.2



#3
Chloromethane
Concen: 1.176 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY013874.D
Acq: 25 May 2023 15:36

Tgt Ion: 50 Resp: 146
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

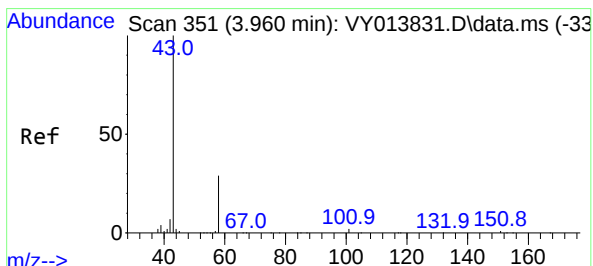
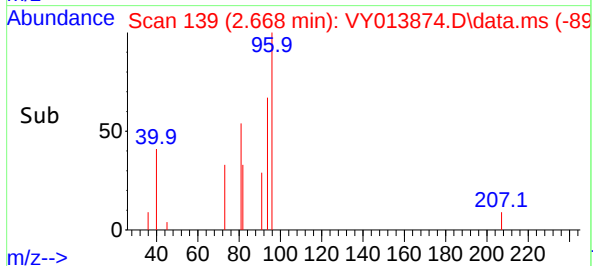
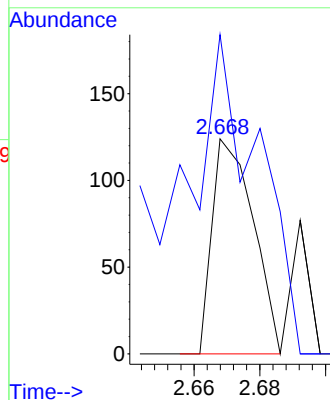
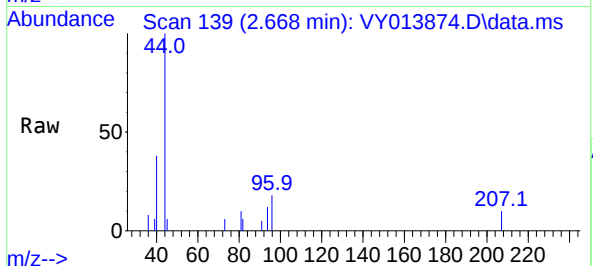




#5
Bromomethane
Concen: 1.070 ug/l
RT: 2.668 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY013874.D
Acq: 25 May 2023 15:36

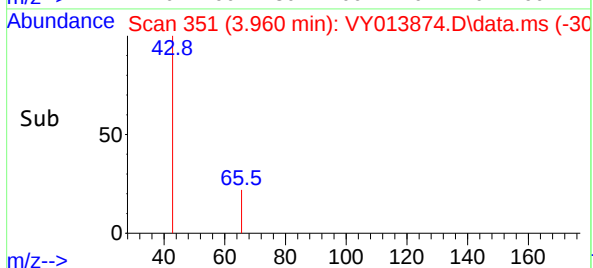
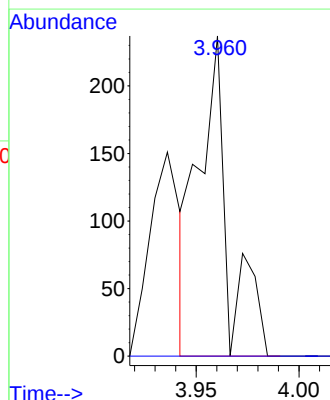
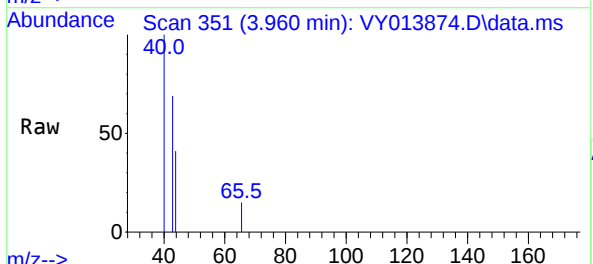
Instrument :
MSVOA_Y
ClientSampleId :
TP18

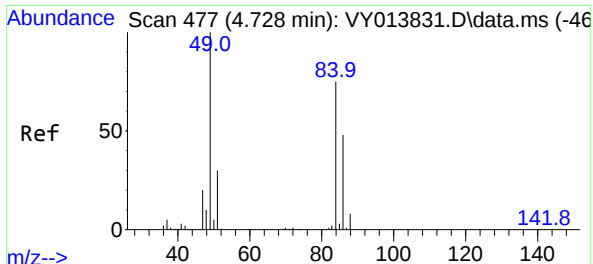
Tgt Ion: 94 Resp: 108
Ion Ratio Lower Upper
94 100
96 82.3 76.2 114.2



#16
Acetone
Concen: 6.201 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY013874.D
Acq: 25 May 2023 15:36

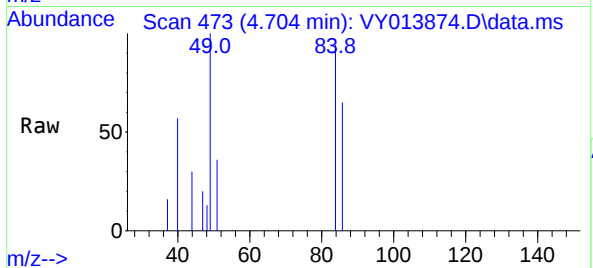
Tgt Ion: 43 Resp: 237
Ion Ratio Lower Upper
43 100
58 0.0 23.3 34.9#





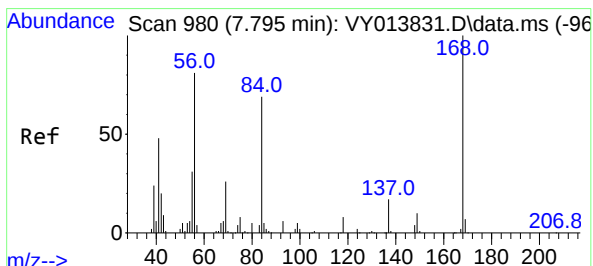
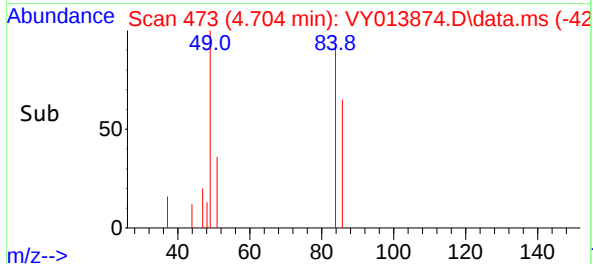
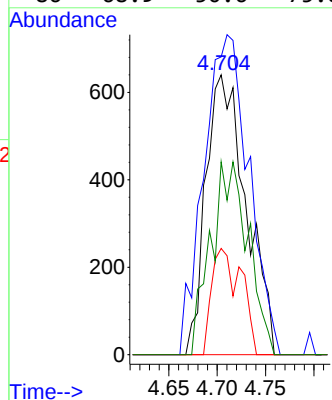
#20
Methylene Chloride
Concen: 11.700 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.024 min
Lab File: VY013874.D
Acq: 25 May 2023 15:36

Instrument :
MSVOA_Y
ClientSampleId :
TP18



Tgt Ion: 84 Resp: 1849

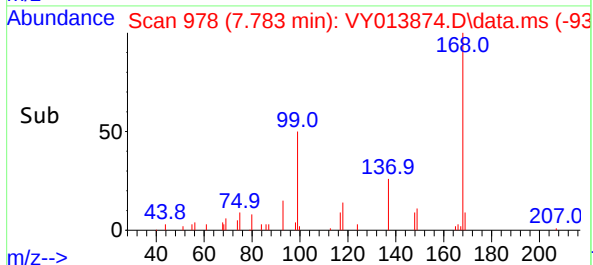
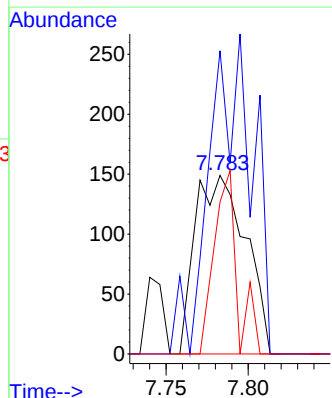
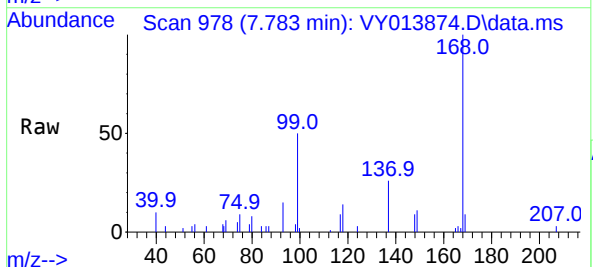
Ion	Ratio	Lower	Upper
84	100		
49	106.4	106.2	159.2
51	38.0	31.4	47.0
86	68.9	50.6	75.8

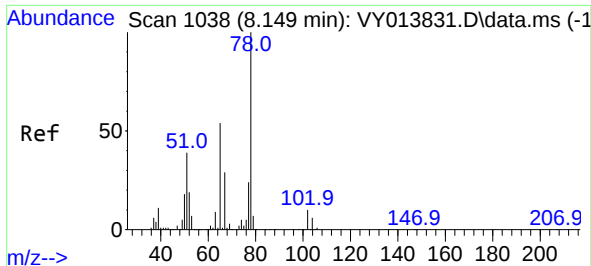


#31
Cyclohexane
Concen: 1.612 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.012 min
Lab File: VY013874.D
Acq: 25 May 2023 15:36

Tgt Ion: 56 Resp: 319

Ion	Ratio	Lower	Upper
56	100		
69	169.8	25.8	38.8#
84	85.2	68.2	102.2





#33

1,2-Dichloroethane-d4

Concen: 56.390 ug/l

RT: 8.136 min Scan# 110

Delta R.T. -0.012 min

Lab File: VY013874.D

Acq: 25 May 2023 15:36

Instrument :

MSVOA_Y

ClientSampleId :

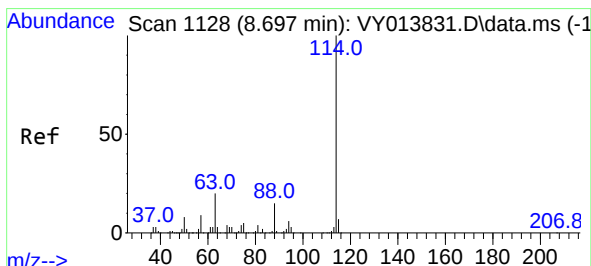
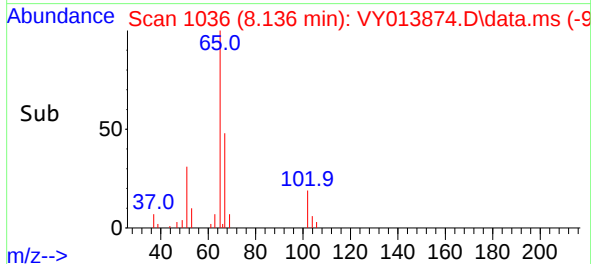
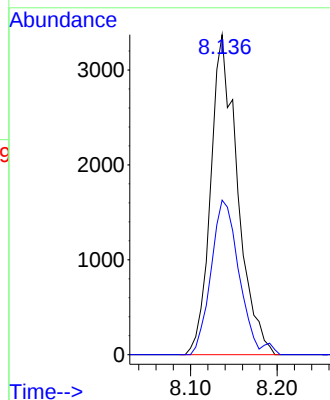
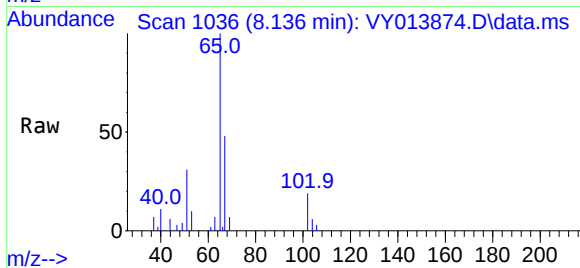
TP18

Tgt Ion: 65 Resp: 7261

Ion Ratio Lower Upper

65 100

67 50.8 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VY013874.D

Acq: 25 May 2023 15:36

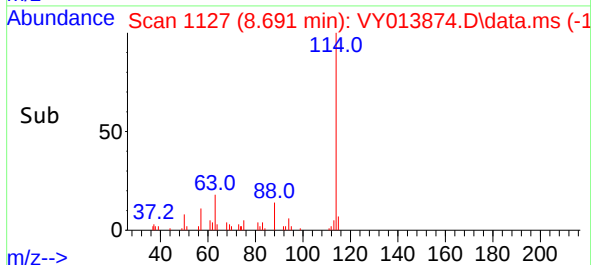
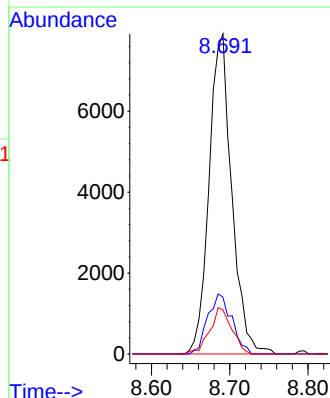
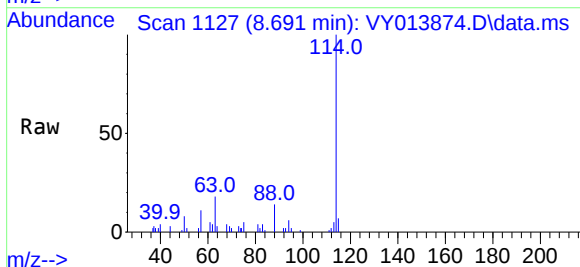
Tgt Ion: 114 Resp: 15870

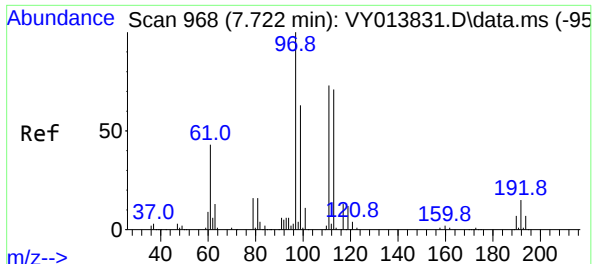
Ion Ratio Lower Upper

114 100

63 17.7 0.0 40.2

88 13.8 0.0 30.0

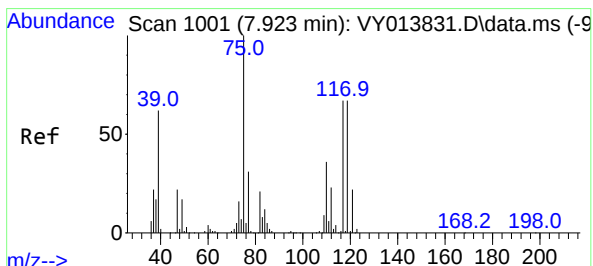
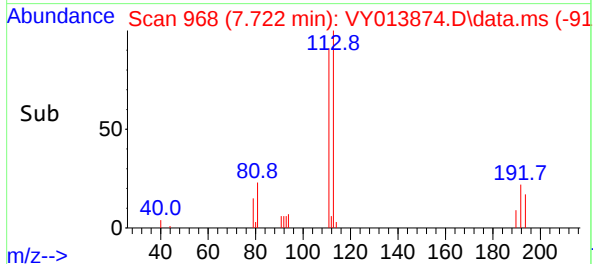
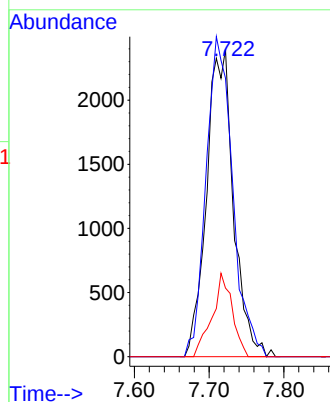
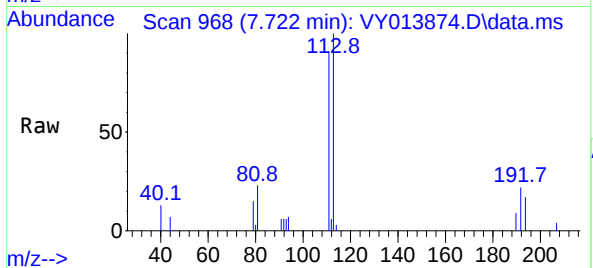




#35
Dibromofluoromethane
Concen: 58.494 ug/l
RT: 7.722 min Scan# 901
Delta R.T. 0.000 min
Lab File: VY013874.D
Acq: 25 May 2023 15:36

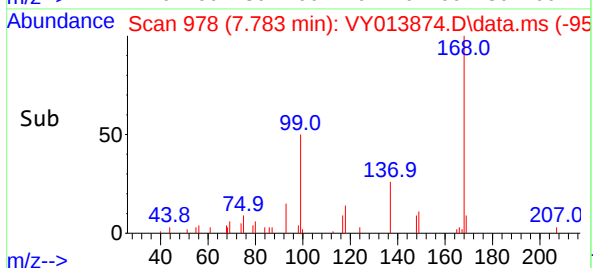
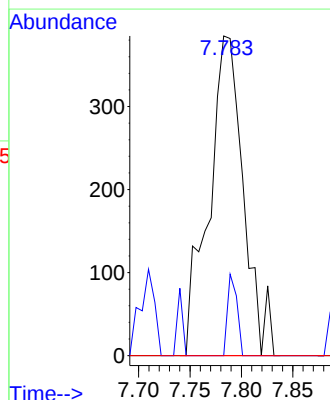
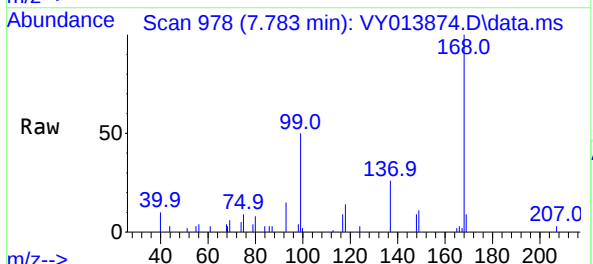
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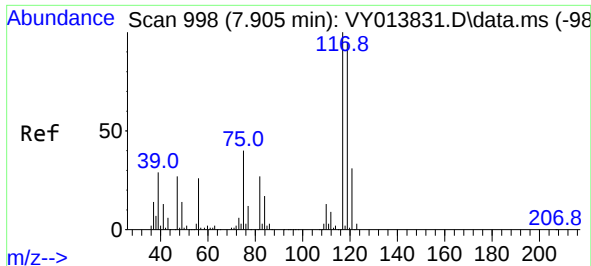
Tgt Ion:	113	Resp:	5995
Ion	Ratio	Lower	Upper
113	100		
111	102.8	80.4	120.6
192	20.2	16.6	25.0



#36
1,1-Dichloropropene
Concen: 5.772 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.140 min
Lab File: VY013874.D
Acq: 25 May 2023 15:36

Tgt Ion:	75	Resp:	901
Ion	Ratio	Lower	Upper
75	100		
110	6.9	17.5	52.6#
77	0.0	24.4	36.6#

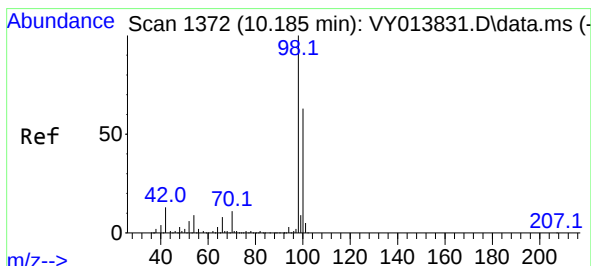
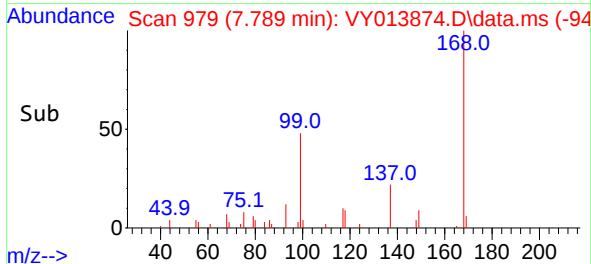
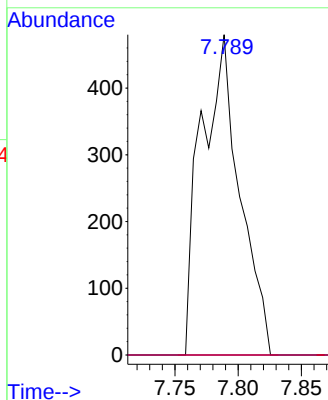
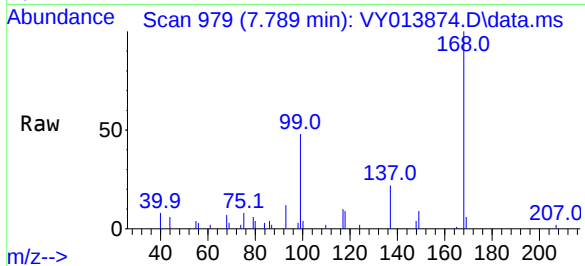




#38
Carbon Tetrachloride
Concen: 5.729 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY013874.D
Acq: 25 May 2023 15:36

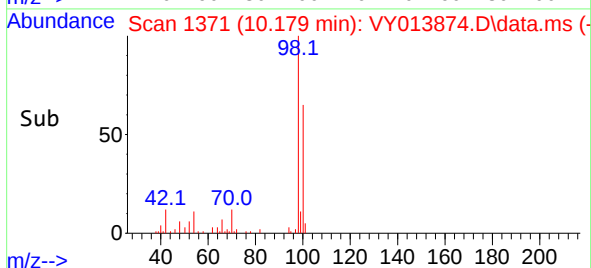
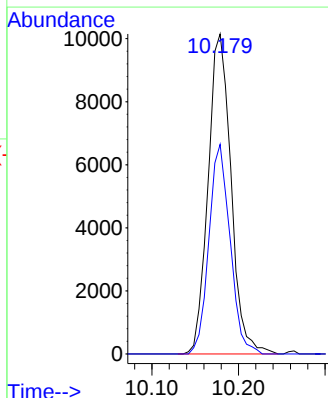
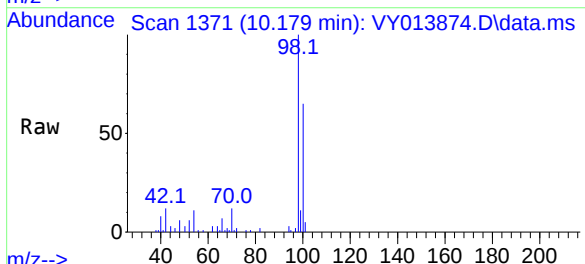
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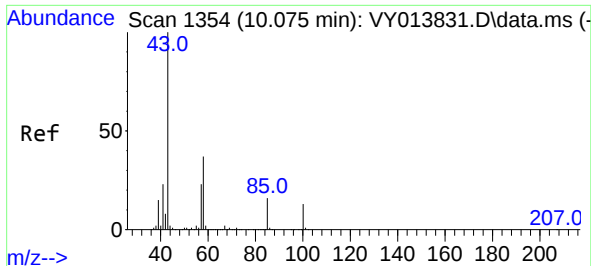
Tgt Ion:117 Resp: 1017
Ion Ratio Lower Upper
117 100
119 0.0 75.6 113.4#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 47.917 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY013874.D
Acq: 25 May 2023 15:36

Tgt Ion: 98 Resp: 18665
Ion Ratio Lower Upper
98 100
100 60.5 50.8 76.2





#51

4-Methyl-2-Pentanone

Concen: 1.017 ug/l

RT: 10.167 min Scan# 11

Delta R.T. 0.091 min

Lab File: VY013874.D

Acq: 25 May 2023 15:36

Instrument :

MSVOA_Y

ClientSampleId :

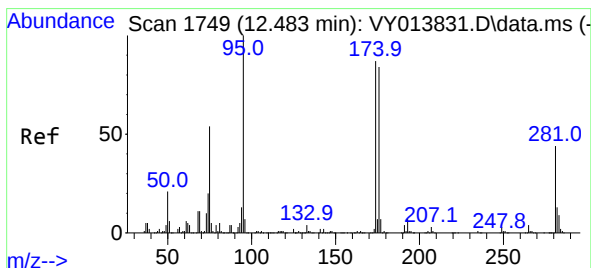
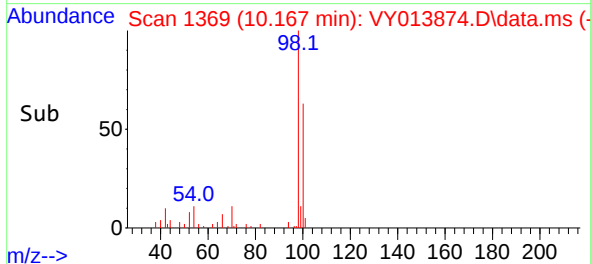
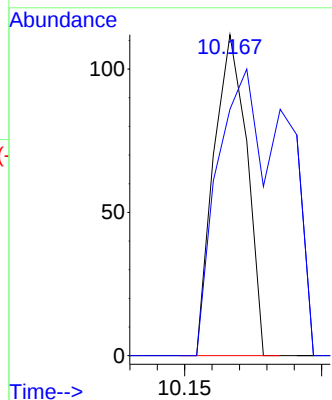
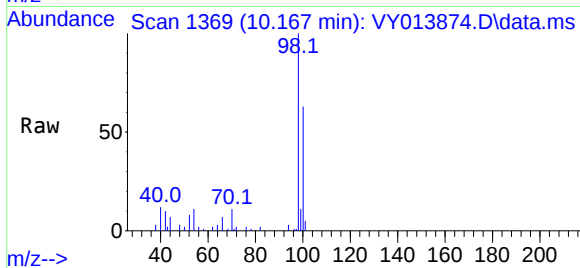
TP18

Tgt Ion: 43 Resp: 94

Ion Ratio Lower Upper

43 100

58 183.0 29.1 43.7#



#62

4-Bromofluorobenzene

Concen: 39.906 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY013874.D

Acq: 25 May 2023 15:36

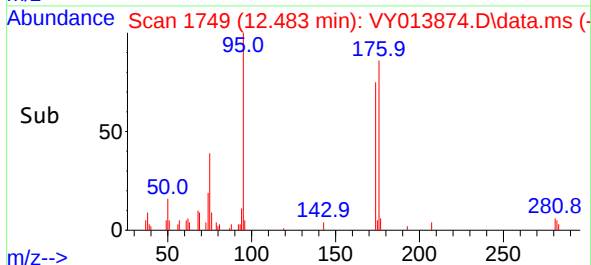
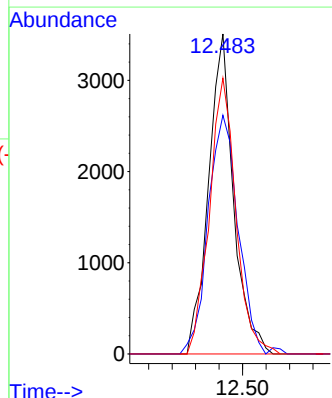
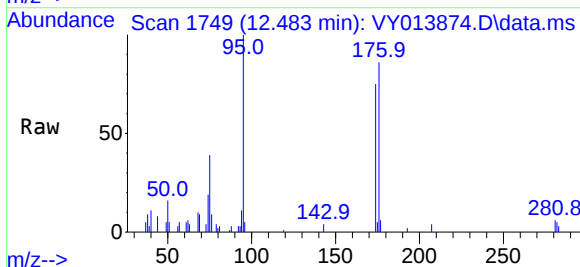
Tgt Ion: 95 Resp: 5167

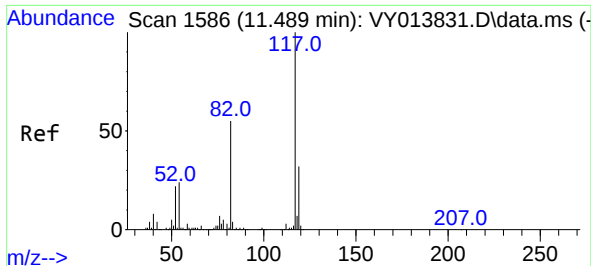
Ion Ratio Lower Upper

95 100

174 90.6 0.0 176.0

176 91.6 0.0 170.2

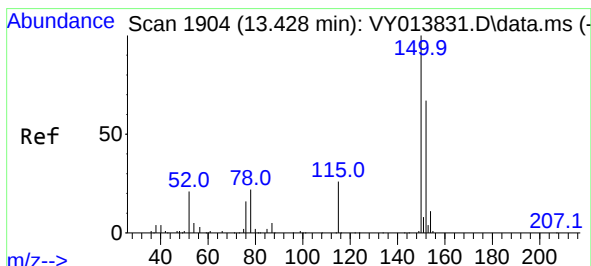
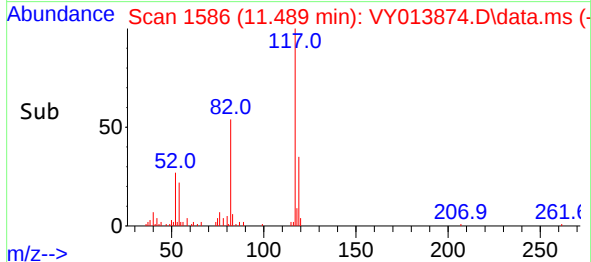
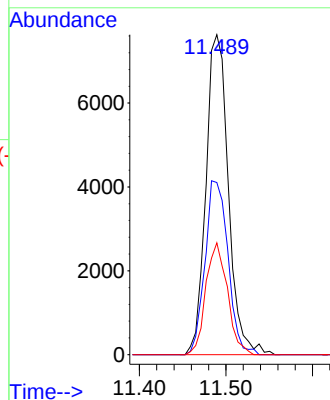
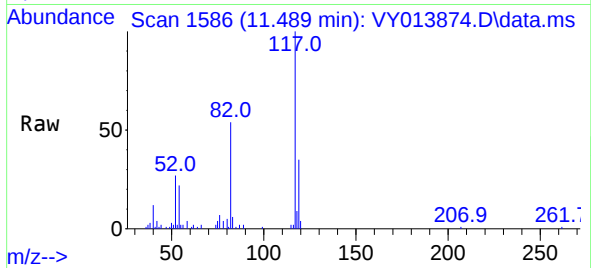




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013874.D
Acq: 25 May 2023 15:36

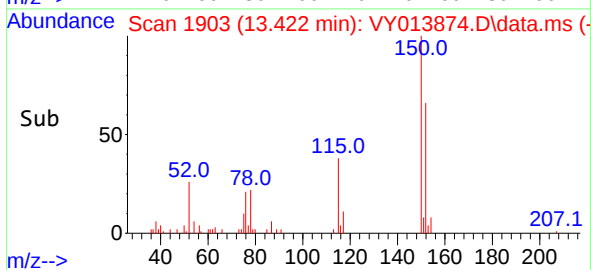
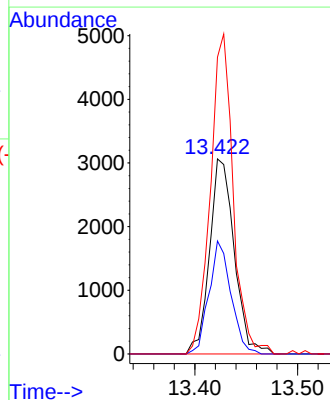
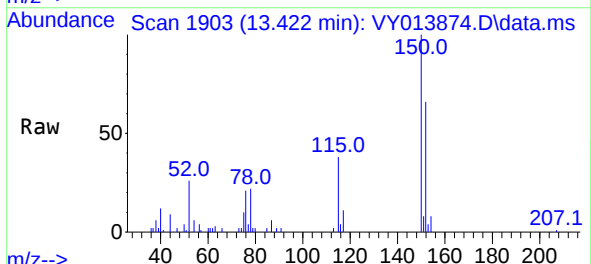
Instrument :
MSVOA_Y
ClientSampleId :
TP18

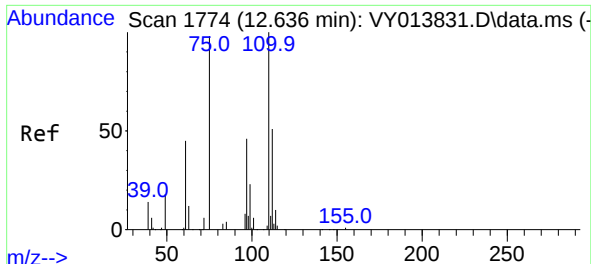
Tgt Ion:	117	Resp:	13738
Ion	Ratio	Lower	Upper
117	100		
82	53.8	44.2	66.4
119	34.9	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY013874.D
Acq: 25 May 2023 15:36

Tgt Ion:	152	Resp:	5108
Ion	Ratio	Lower	Upper
152	100		
115	51.6	28.8	86.5
150	151.1	0.0	353.4

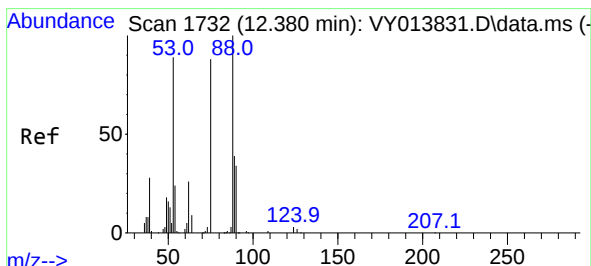
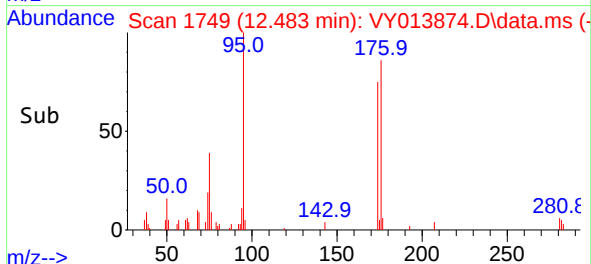
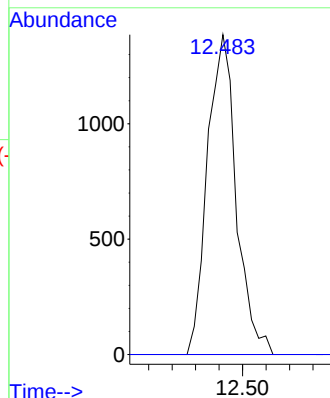
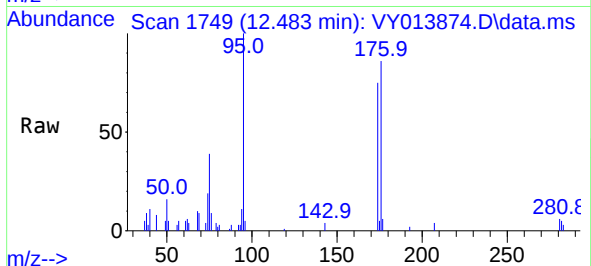




#76
1,2,3-Trichloropropane
Concen: 39.216 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY013874.D
Acq: 25 May 2023 15:36

Instrument :
MSVOA_Y
ClientSampleId :
TP18

Tgt Ion: 75 Resp: 2362
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 85.126 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY013874.D
Acq: 25 May 2023 15:36

Tgt Ion: 75 Resp: 2362
Ion Ratio Lower Upper
75 100
53 1.9 79.7 119.5#
89 0.0 36.4 54.6#

