

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052623\
 Data File : VY013904.D
 Acq On : 26 May 2023 19:30
 Operator : KP/MD
 Sample : 02955-06
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB26

Quant Time: May 29 04:36:45 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)

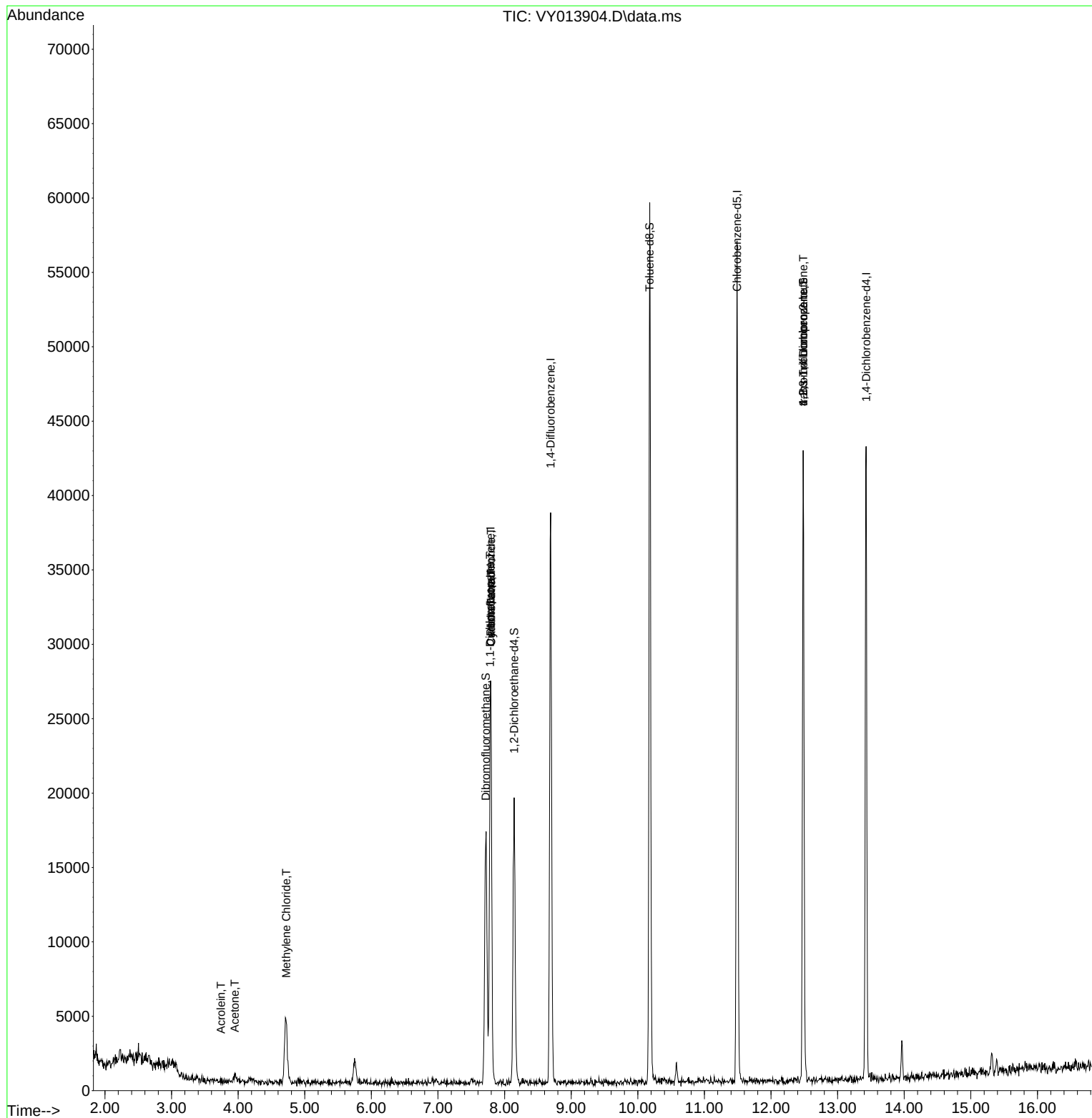
Internal Standards						
1) Pentafluorobenzene	7.789	168	21293	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	32390	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	29505	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	11350	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	15266	61.971	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.940%	
35) Dibromofluoromethane	7.716	113	11864	56.718	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.440%	
50) Toluene-d8	10.179	98	39073	49.148	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.300%	
62) 4-Bromofluorobenzene	12.483	95	11303	42.772	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 85.540%	
Target Compounds						
					Qvalue	
13) Acrolein	3.741	56	35	1.233	ug/l #	15
16) Acetone	3.948	43	815	11.147	ug/l #	78
20) Methylene Chloride	4.722	84	2896	9.093	ug/l	87
31) Cyclohexane	7.795	56	620	1.638	ug/l #	29
36) 1,1-Dichloropropene	7.783	75	1684	5.286	ug/l #	42
38) Carbon Tetrachloride	7.795	117	1960	5.410	ug/l #	13
76) 1,2,3-Trichloropropane	12.483	75	5877	43.913	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	5877	95.322	ug/l #	10

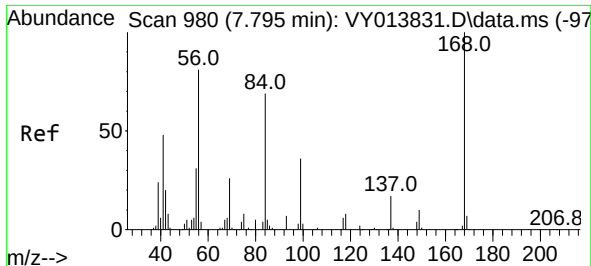
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

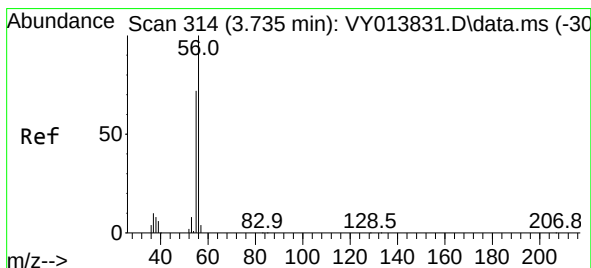
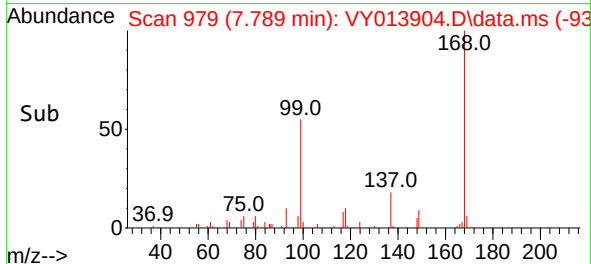
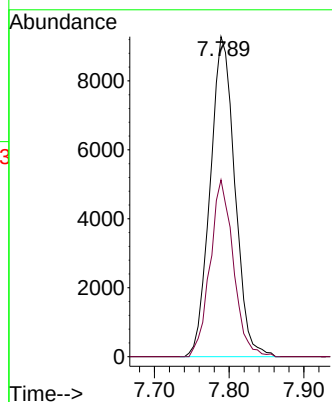
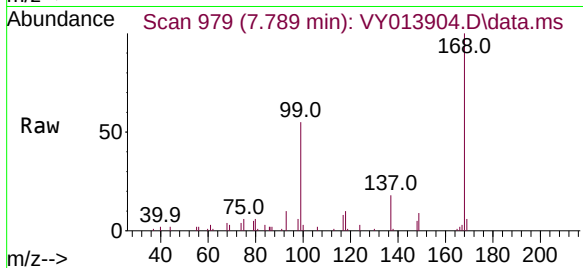




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013904.D
Acq: 26 May 2023 19:30

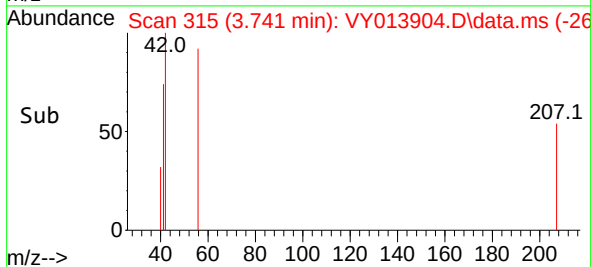
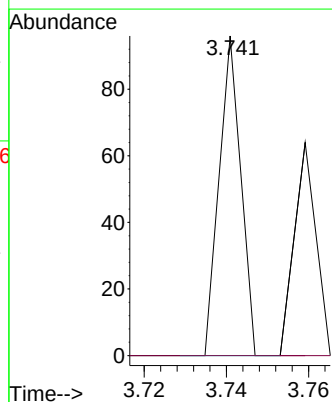
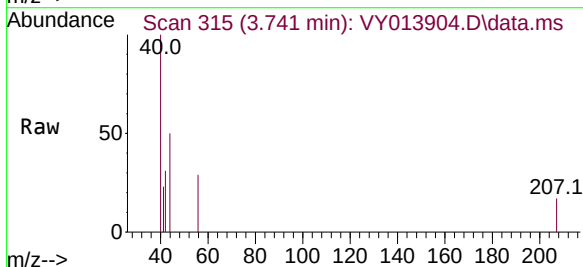
Instrument :
MSVOA_Y
ClientSampleId :
SB26

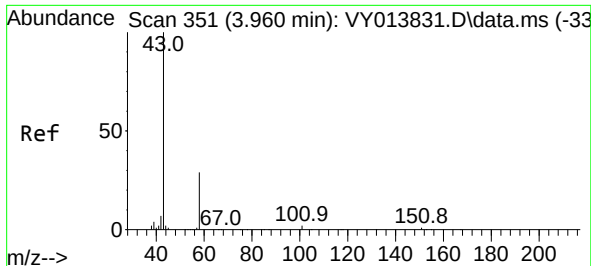
Tgt Ion:168 Resp: 21293
Ion Ratio Lower Upper
168 100
99 55.3 43.4 65.2



#13
Acrolein
Concen: 1.233 ug/l
RT: 3.741 min Scan# 315
Delta R.T. 0.006 min
Lab File: VY013904.D
Acq: 26 May 2023 19:30

Tgt Ion: 56 Resp: 35
Ion Ratio Lower Upper
56 100
55 0.0 56.2 84.2#





#16

Acetone

Concen: 11.147 ug/l

RT: 3.948 min Scan# 34

Delta R.T. -0.012 min

Lab File: VY013904.D

Acq: 26 May 2023 19:30

Instrument :

MSVOA_Y

ClientSampleId :

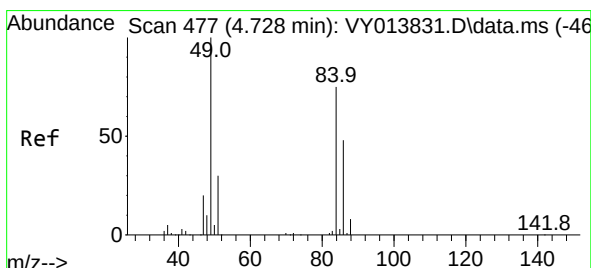
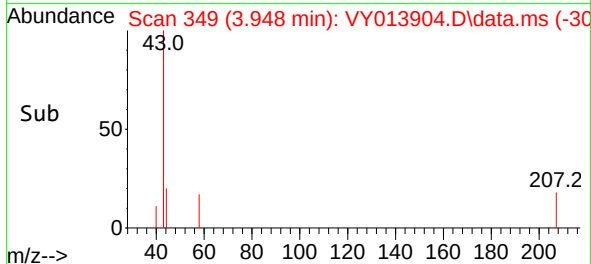
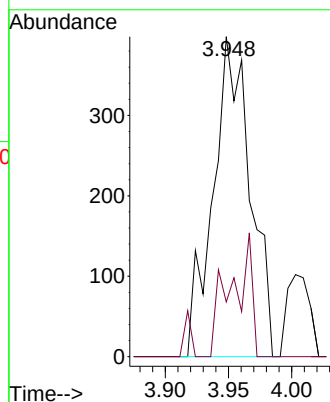
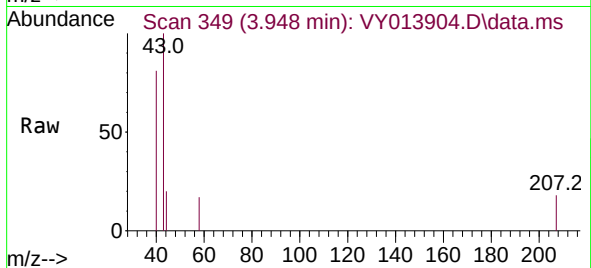
SB26

Tgt Ion: 43 Resp: 815

Ion Ratio Lower Upper

43 100

58 17.1 23.3 34.9#



#20

Methylene Chloride

Concen: 9.093 ug/l

RT: 4.722 min Scan# 476

Delta R.T. -0.006 min

Lab File: VY013904.D

Acq: 26 May 2023 19:30

Tgt Ion: 84 Resp: 2896

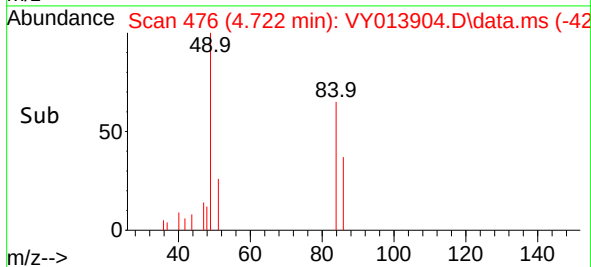
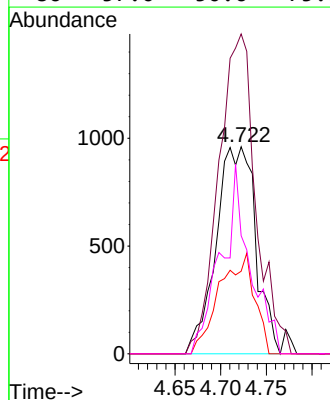
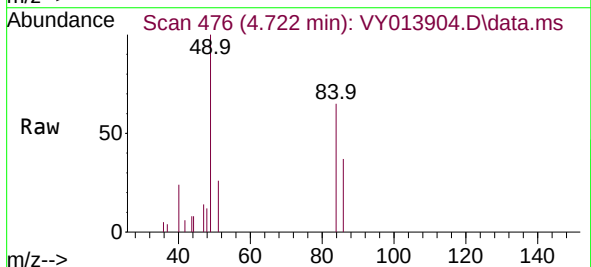
Ion Ratio Lower Upper

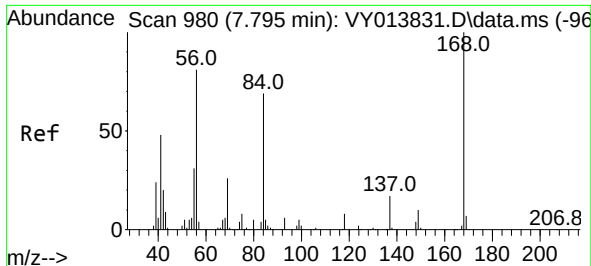
84 100

49 154.4 106.2 159.2

51 39.9 31.4 47.0

86 57.0 50.6 75.8

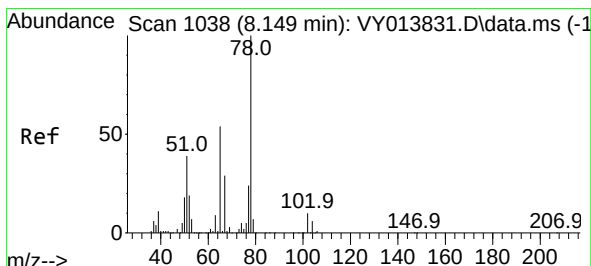
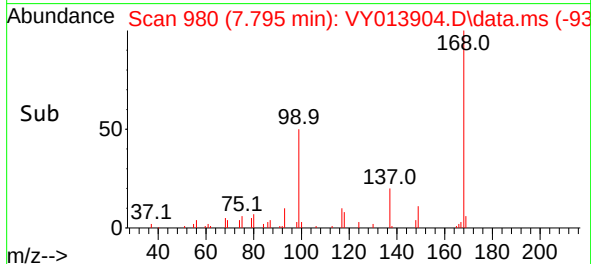
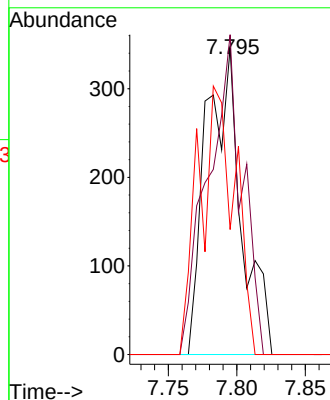
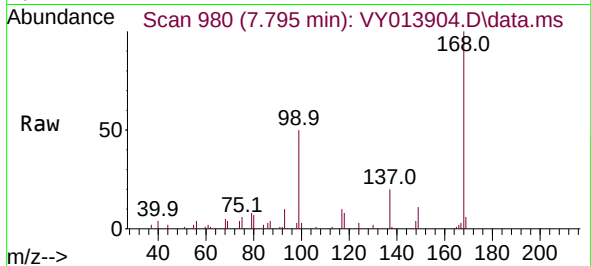




#31
Cyclohexane
Concen: 1.638 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013904.D
Acq: 26 May 2023 19:30

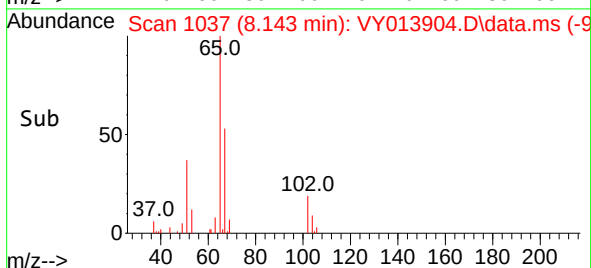
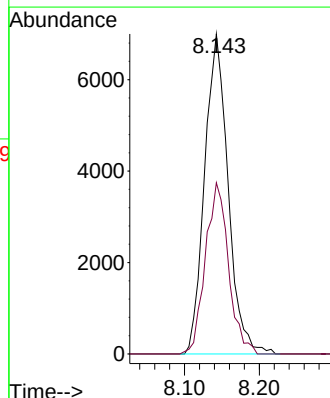
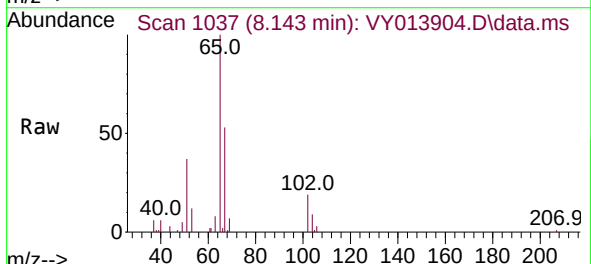
Instrument :
MSVOA_Y
ClientSampleId :
SB26

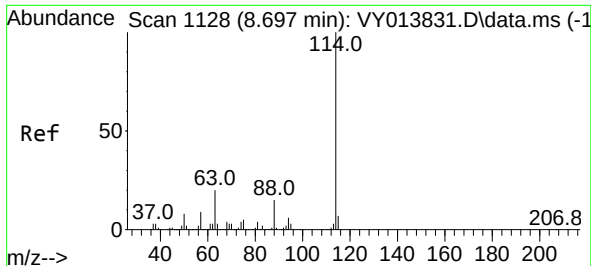
Tgt Ion: 56 Resp: 620
Ion Ratio Lower Upper
56 100
69 104.3 25.8 38.8#
84 40.8 68.2 102.2#



#33
1,2-Dichloroethane-d4
Concen: 61.971 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY013904.D
Acq: 26 May 2023 19:30

Tgt Ion: 65 Resp: 15266
Ion Ratio Lower Upper
65 100
67 52.5 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY013904.D

Acq: 26 May 2023 19:30

Instrument :

MSVOA_Y

ClientSampleId :

SB26

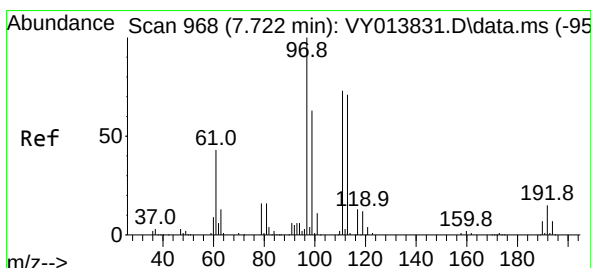
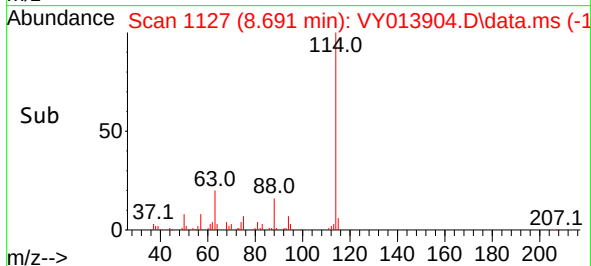
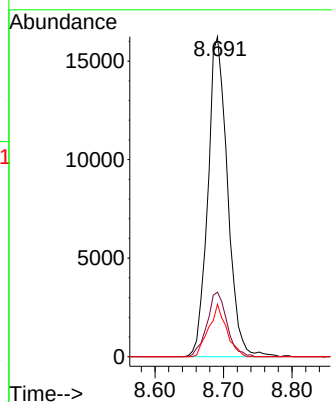
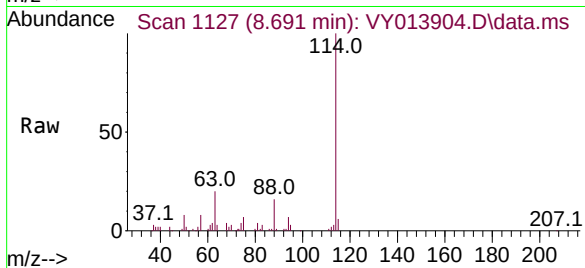
Tgt Ion:114 Resp: 32390

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.2

88 16.4 0.0 30.0



#35

Dibromofluoromethane

Concen: 56.718 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY013904.D

Acq: 26 May 2023 19:30

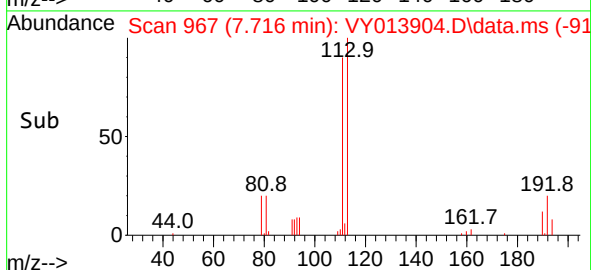
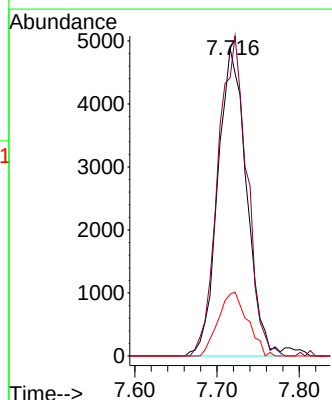
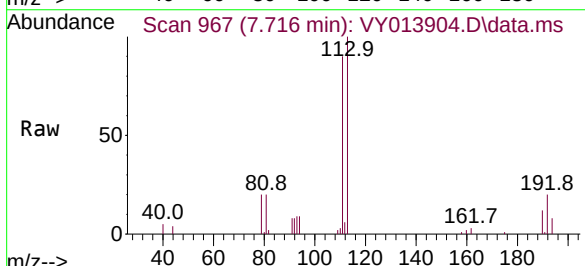
Tgt Ion:113 Resp: 11864

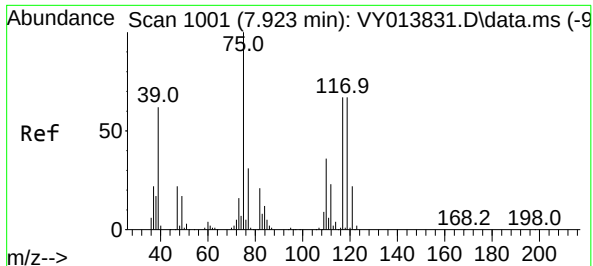
Ion Ratio Lower Upper

113 100

111 104.8 80.4 120.6

192 21.2 16.6 25.0

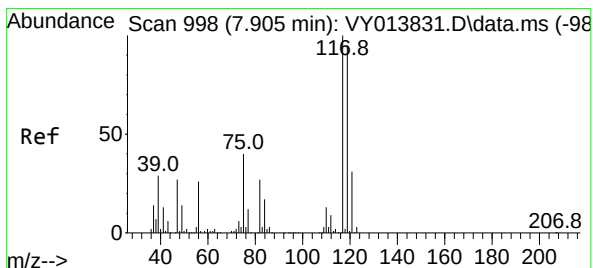
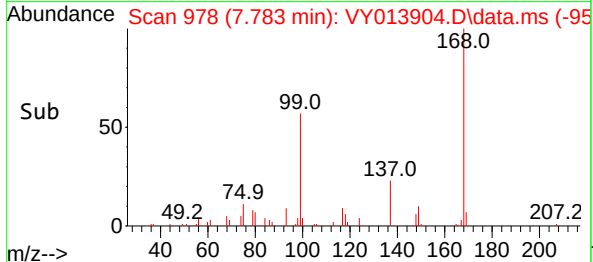
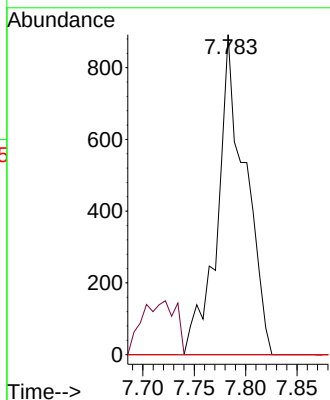
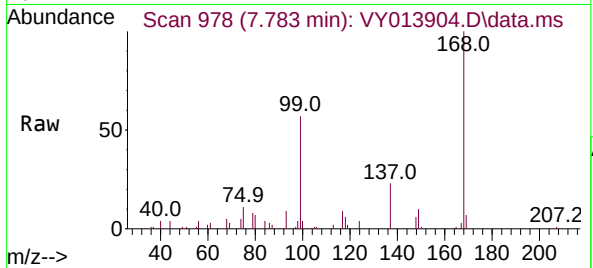




#36
1,1-Dichloropropene
Concen: 5.286 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.140 min
Lab File: VY013904.D
Acq: 26 May 2023 19:30

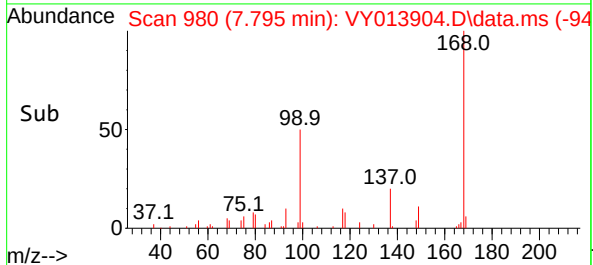
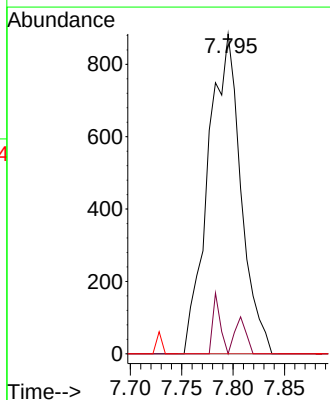
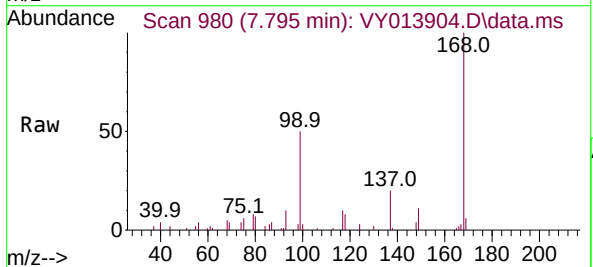
Instrument :
MSVOA_Y
ClientSampleId :
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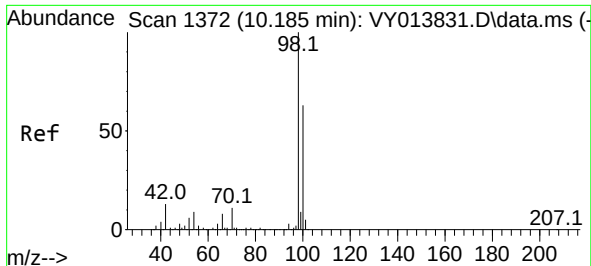
Tgt Ion: 75 Resp: 1684
Ion Ratio Lower Upper
75 100
110 0.0 17.5 52.6#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.410 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY013904.D
Acq: 26 May 2023 19:30

Tgt Ion: 117 Resp: 1960
Ion Ratio Lower Upper
117 100
119 0.0 75.6 113.4#
121 0.0 24.8 37.2#

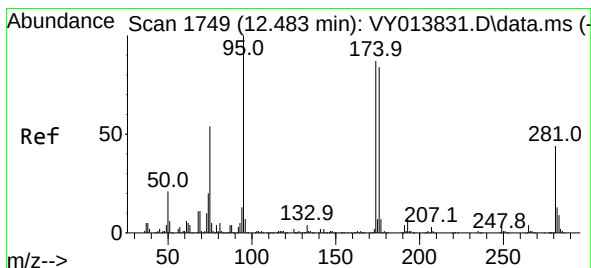
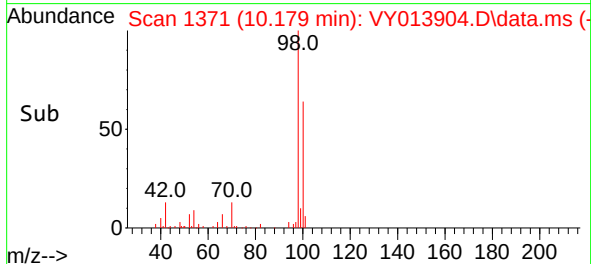
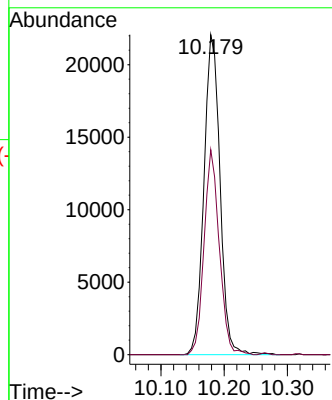
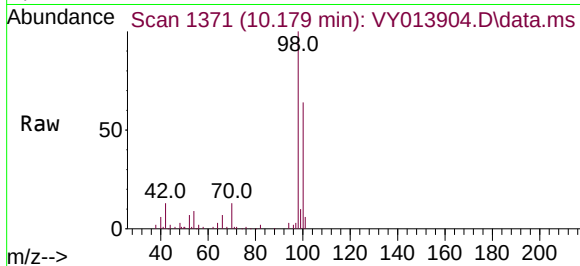




#50
Toluene-d8
Concen: 49.148 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013904.D
Acq: 26 May 2023 19:30

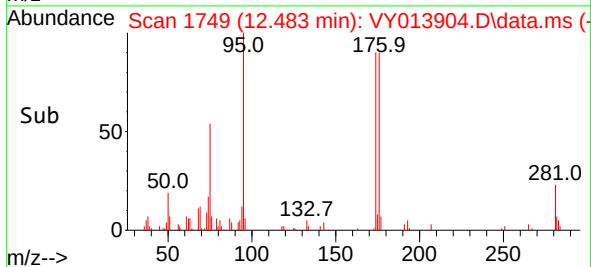
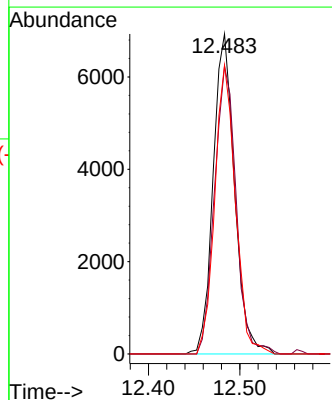
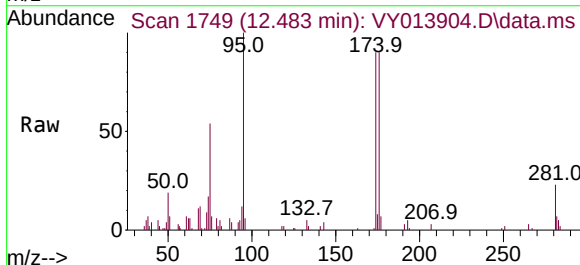
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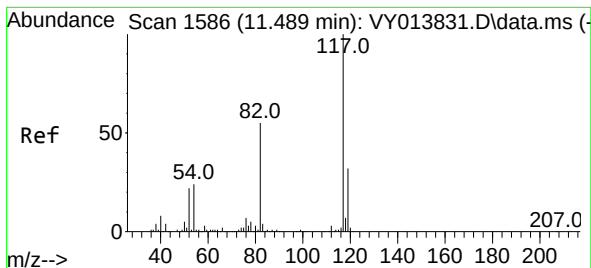
Tgt Ion: 98 Resp: 39073
Ion Ratio Lower Upper
98 100
100 60.6 50.8 76.2



#62
4-Bromofluorobenzene
Concen: 42.772 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013904.D
Acq: 26 May 2023 19:30

Tgt Ion: 95 Resp: 11303
Ion Ratio Lower Upper
95 100
174 90.9 0.0 176.0
176 87.2 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: VY013904.D

Acq: 26 May 2023 19:30

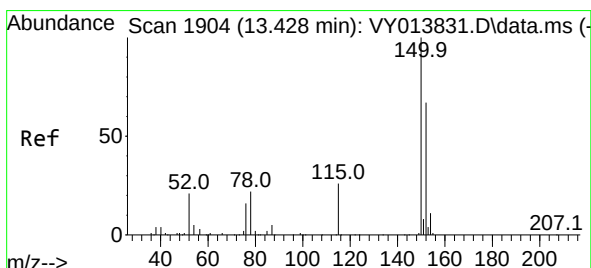
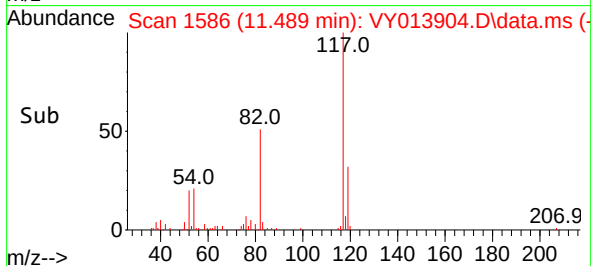
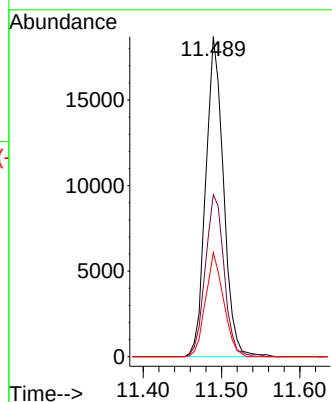
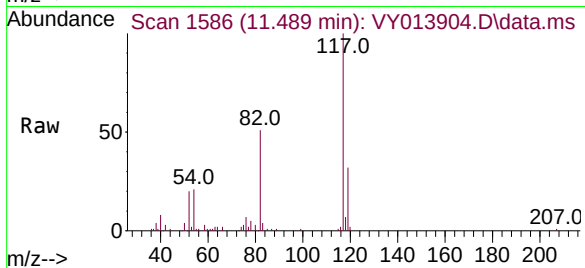
Instrument :

MSVOA_Y

ClientSampleId :

SB26

Tgt Ion:	117	Resp:	29505
Ion Ratio	Lower	Upper	
117	100		
82	50.6	44.2	66.4
119	32.5	25.7	38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

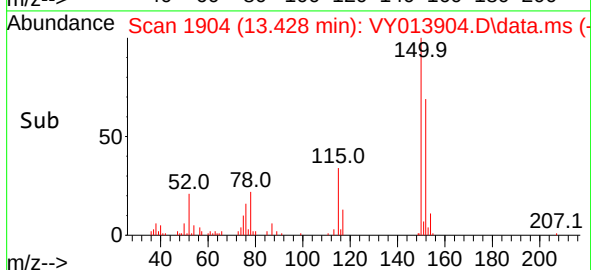
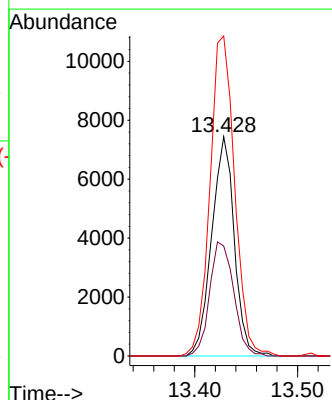
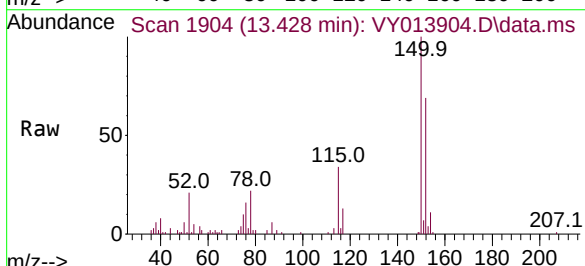
RT: 13.428 min Scan# 1904

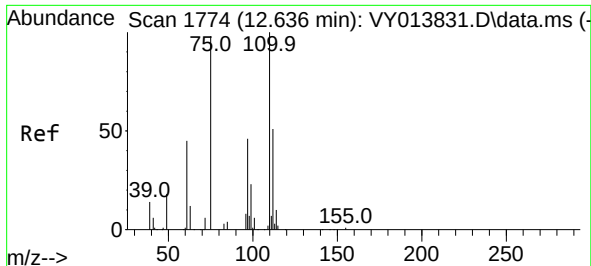
Delta R.T. 0.000 min

Lab File: VY013904.D

Acq: 26 May 2023 19:30

Tgt Ion:	152	Resp:	11350
Ion Ratio	Lower	Upper	
152	100		
115	55.4	28.8	86.5
150	159.2	0.0	353.4

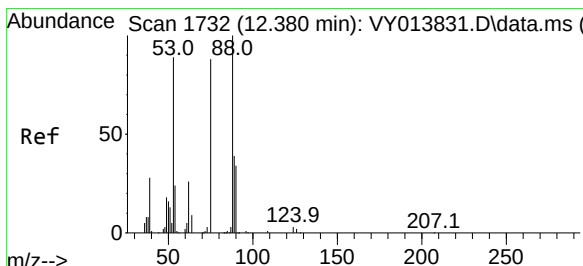
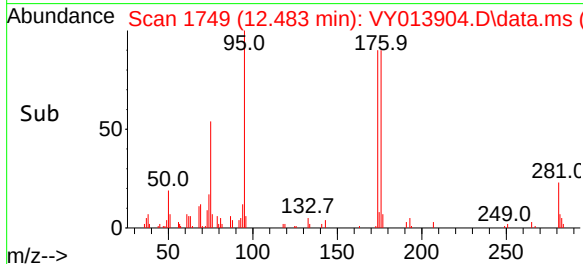
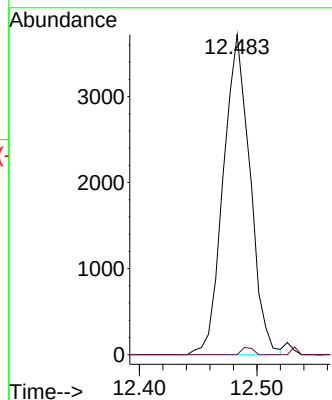
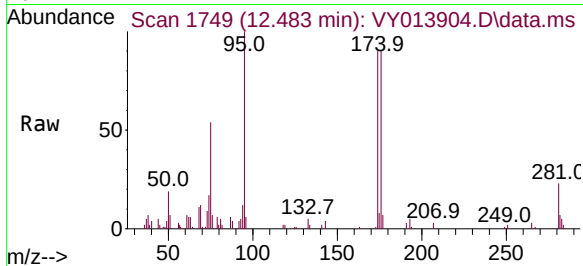




#76
1,2,3-Trichloropropane
Concen: 43.913 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY013904.D
Acq: 26 May 2023 19:30

Instrument :
MSVOA_Y
ClientSampleId :
SB26

Tgt Ion: 75 Resp: 5877
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 95.322 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY013904.D
Acq: 26 May 2023 19:30

Tgt Ion: 75 Resp: 5877
Ion Ratio Lower Upper
75 100
53 0.0 79.7 119.5#
89 0.0 36.4 54.6#

