

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071924\
 Data File : VY018874.D
 Acq On : 19 Jul 2024 11:28
 Operator : SY/MD
 Sample : VY0719SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 19 23:01:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

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

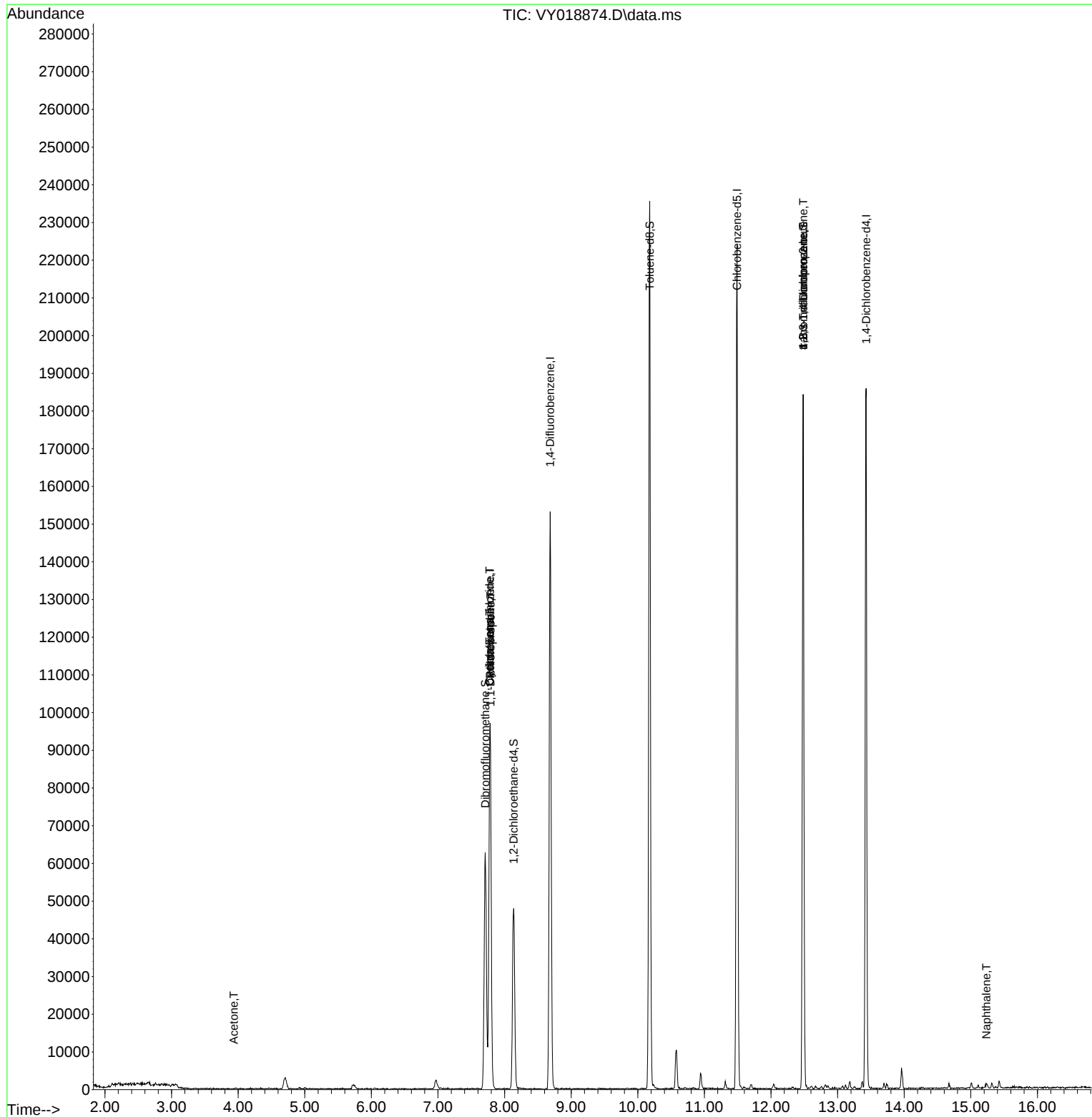
Internal Standards						
1) Pentafluorobenzene	7.783	168	77964	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	136404	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	124318	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	48762	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	39019	50.860	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.720%
35) Dibromofluoromethane	7.710	113	42060	49.232	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.460%
50) Toluene-d8	10.179	98	155437	48.023	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.040%
62) 4-Bromofluorobenzene	12.483	95	48054	43.474	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.940%
Target Compounds						
16) Acetone	3.936	43	217	1.534	ug/l #	36
20) Methylene Chloride	4.710	84	2332	Below Cal	#	77
31) Cyclohexane	7.777	56	1649	1.399	ug/l #	42
36) 1,1-Dichloropropene	7.789	75	5603	4.752	ug/l #	50
38) Carbon Tetrachloride	7.777	117	7622	5.368	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	27002	70.702	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	27002	158.235	ug/l #	16
95) Naphthalene	15.233	128	1560	1.031	ug/l #	88

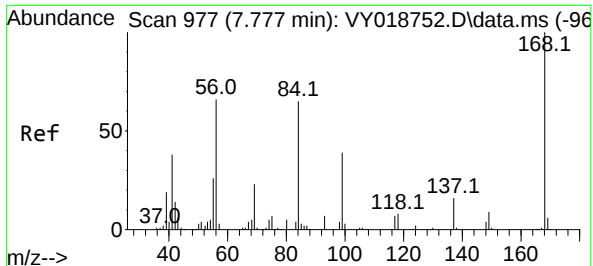
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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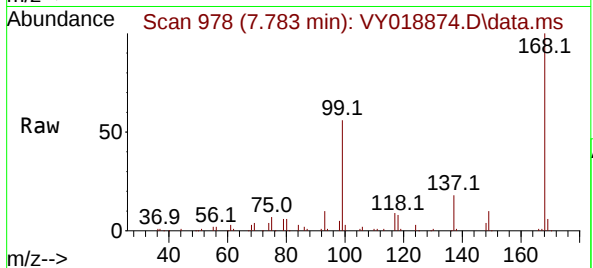
Quant Time: Jul 19 23:01:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 09 14:28:51 2024
Response via : Initial Calibration



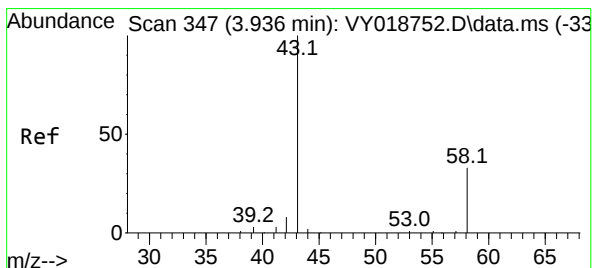
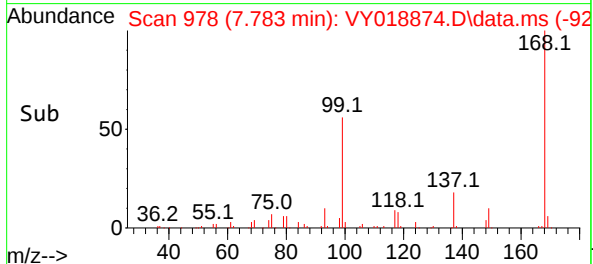
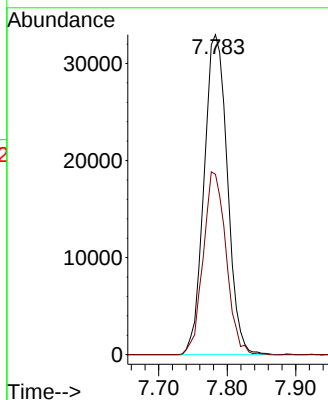


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018874.D
Acq: 19 Jul 2024 11:28

Instrument :
MSVOA_Y
ClientSampleId :

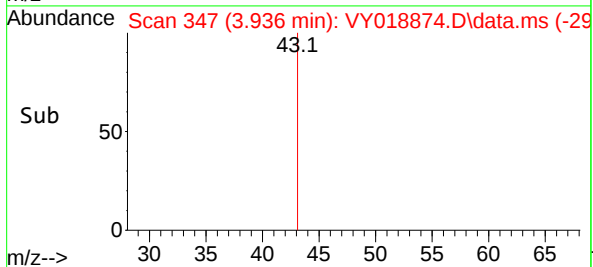
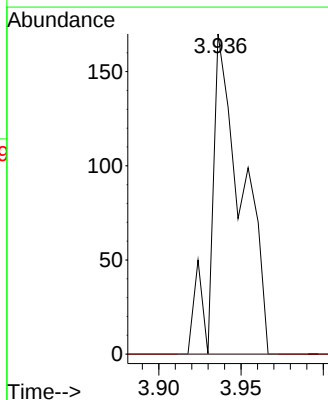
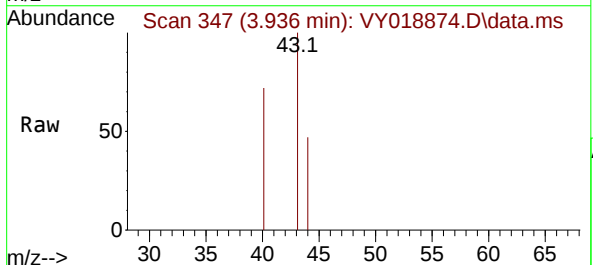


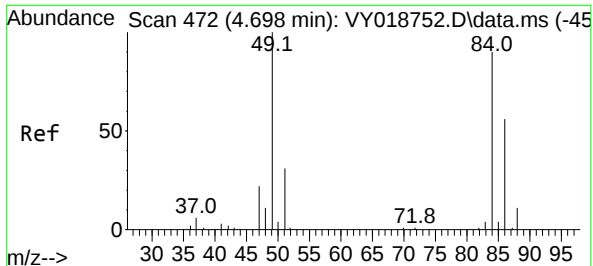
Tgt Ion:168 Resp: 77964
Ion Ratio Lower Upper
168 100
99 56.4 39.1 58.7



#16
Acetone
Concen: 1.534 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY018874.D
Acq: 19 Jul 2024 11:28

Tgt Ion: 43 Resp: 217
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.710 min Scan# 41

Delta R.T. 0.012 min

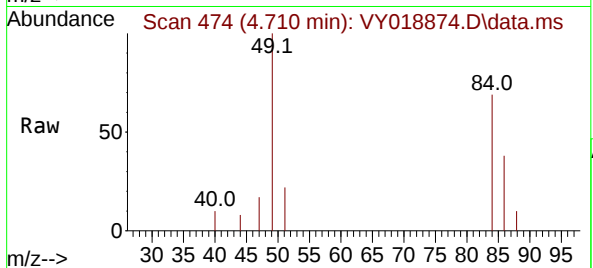
Lab File: VY018874.D

Acq: 19 Jul 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 2332

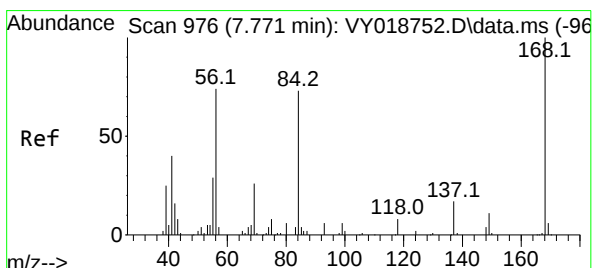
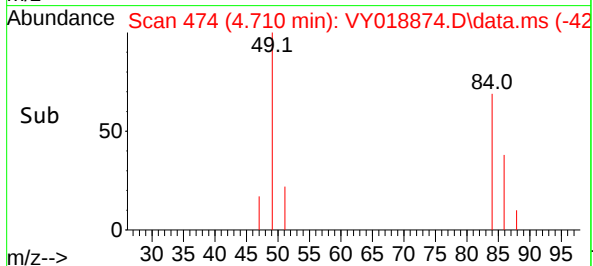
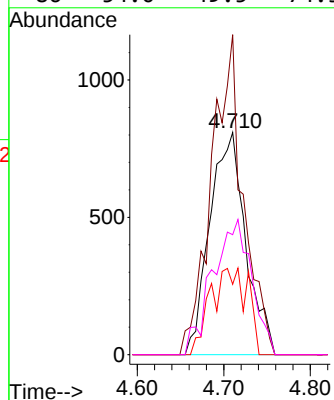
Ion Ratio Lower Upper

84 100

49 144.0 84.4 126.6#

51 31.6 26.0 39.0

86 54.0 49.5 74.3



#31

Cyclohexane

Concen: 1.399 ug/l

RT: 7.777 min Scan# 977

Delta R.T. 0.006 min

Lab File: VY018874.D

Acq: 19 Jul 2024 11:28

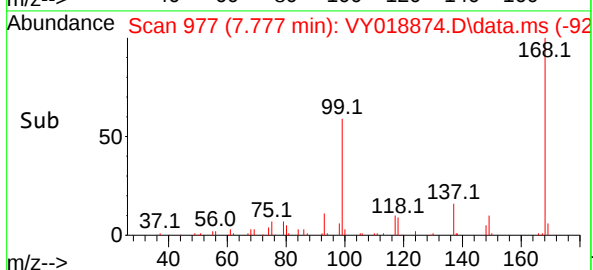
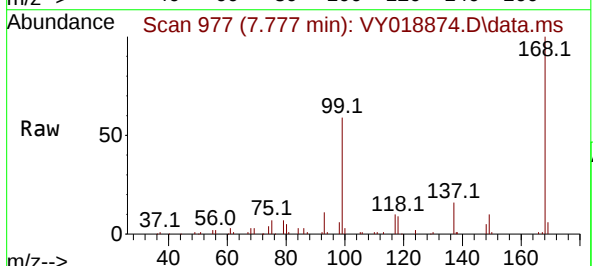
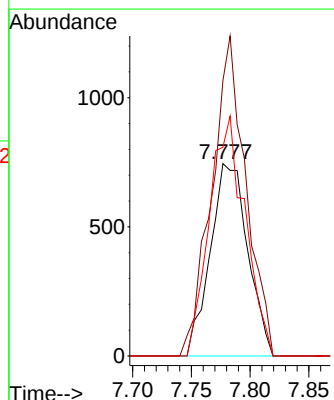
Tgt Ion: 56 Resp: 1649

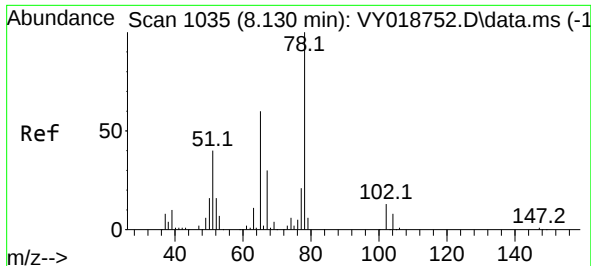
Ion Ratio Lower Upper

56 100

69 143.1 28.7 43.1#

84 108.5 77.7 116.5





#33

1,2-Dichloroethane-d4

Concen: 50.860 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VY018874.D

Acq: 19 Jul 2024 11:28

Instrument :

MSVOA_Y

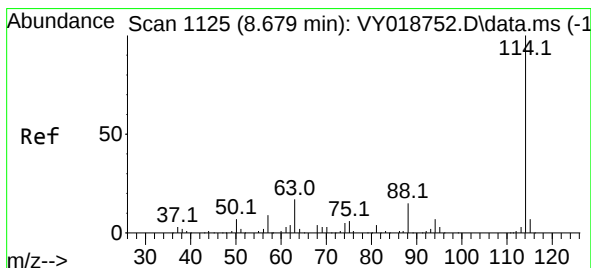
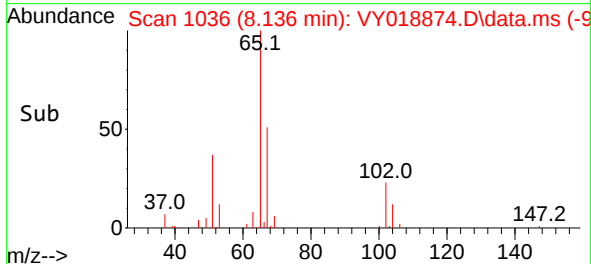
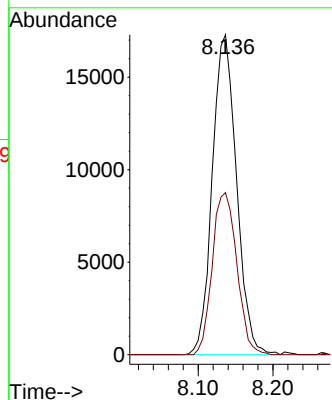
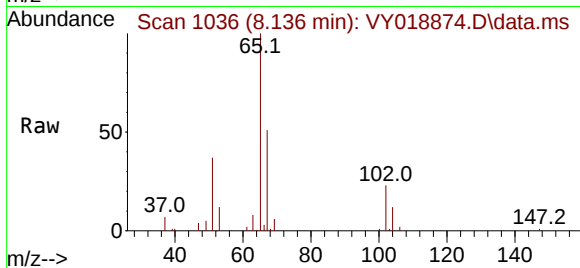
ClientSampleId :

Tgt Ion: 65 Resp: 39019

Ion Ratio Lower Upper

65 100

67 51.3 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY018874.D

Acq: 19 Jul 2024 11:28

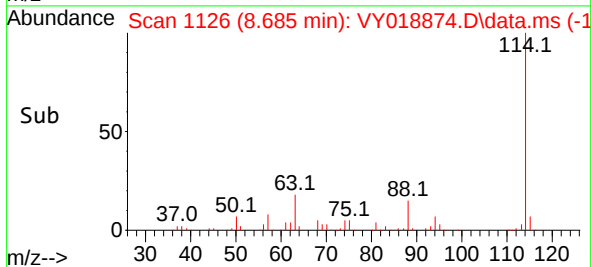
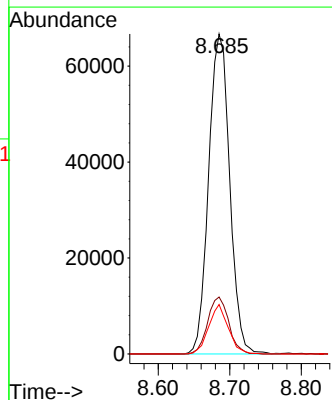
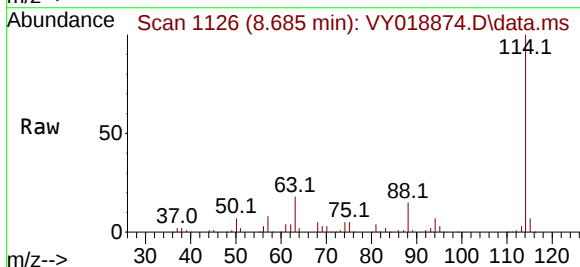
Tgt Ion: 114 Resp: 136404

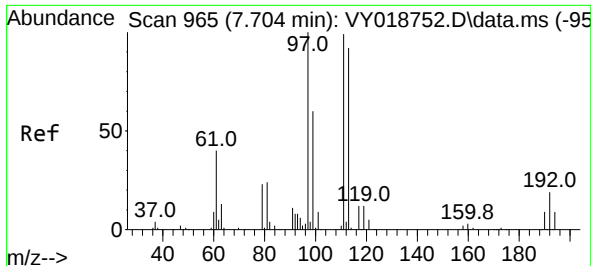
Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.0

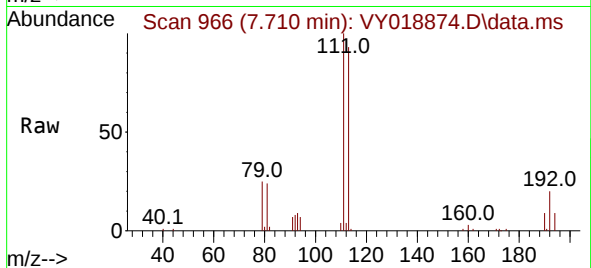
88 15.5 0.0 27.2



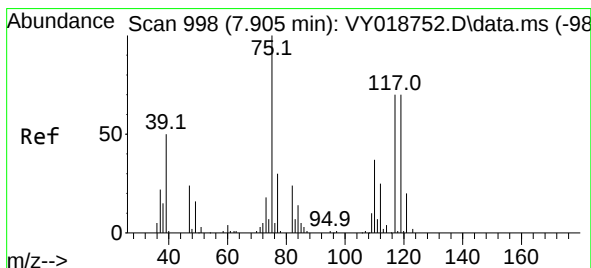
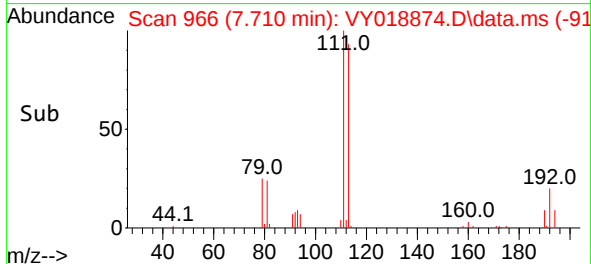
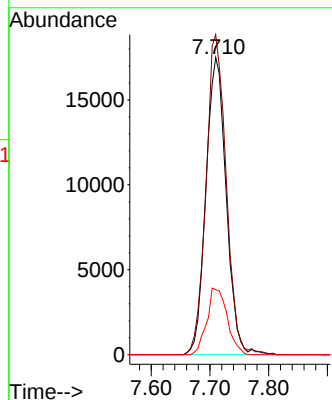


#35
Dibromofluoromethane
Concen: 49.232 ug/l
RT: 7.710 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY018874.D
Acq: 19 Jul 2024 11:28

Instrument :
MSVOA_Y
ClientSampleId :

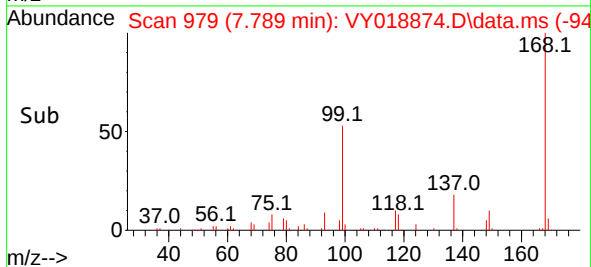
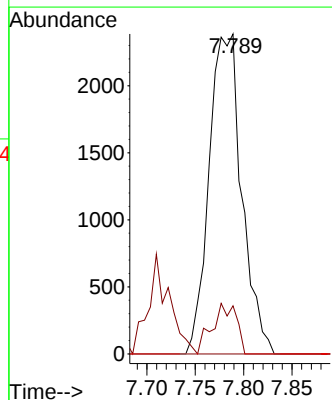
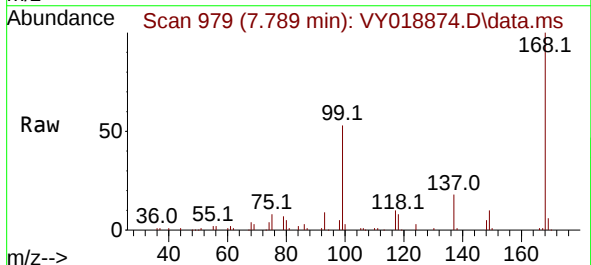


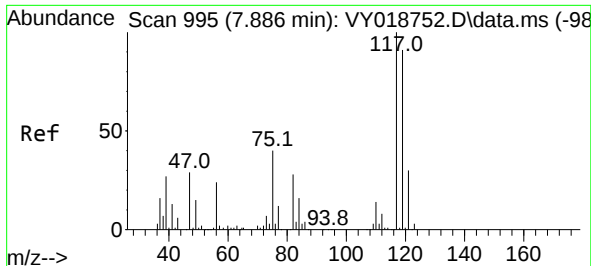
Tgt Ion:113 Resp: 42060
Ion Ratio Lower Upper
113 100
111 106.7 82.2 123.4
192 22.4 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.752 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.116 min
Lab File: VY018874.D
Acq: 19 Jul 2024 11:28

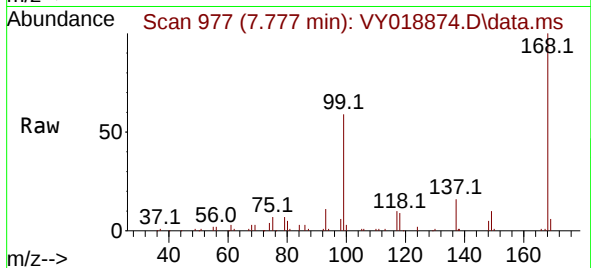
Tgt Ion: 75 Resp: 5603
Ion Ratio Lower Upper
75 100
110 11.7 19.0 57.0#
77 0.0 25.3 37.9#



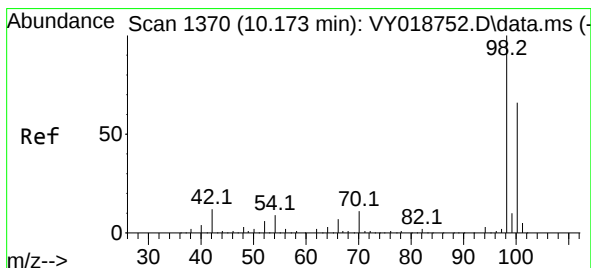
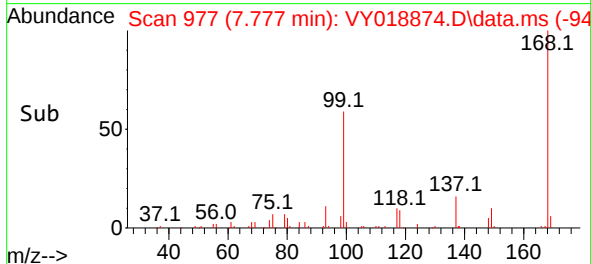
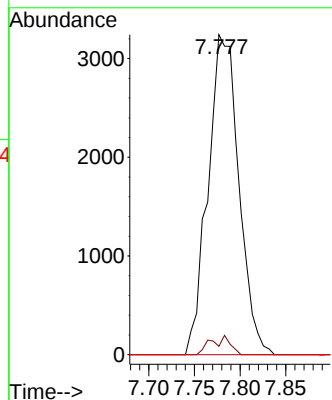


#38
Carbon Tetrachloride
Concen: 5.368 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY018874.D
Acq: 19 Jul 2024 11:28

Instrument :
MSVOA_Y
ClientSampleId :

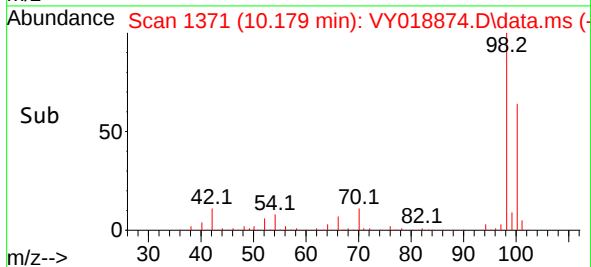
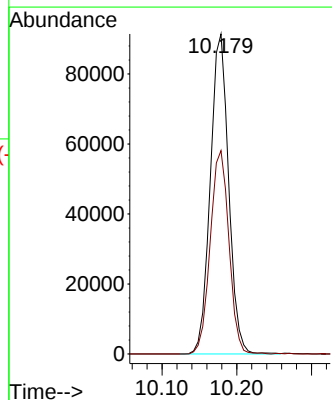
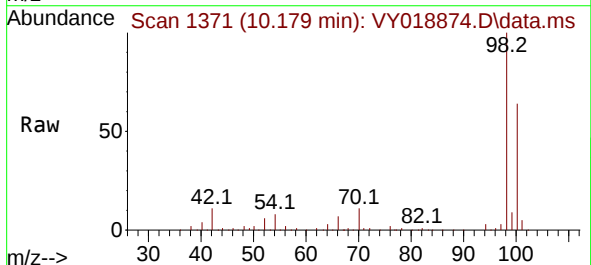


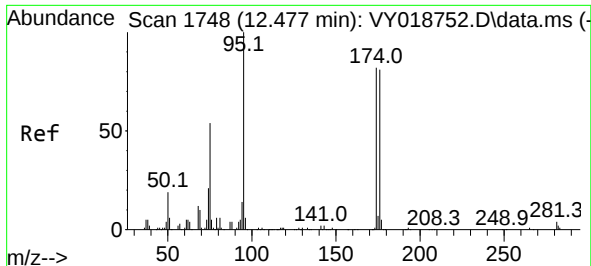
Tgt Ion:117 Resp: 7622
Ion Ratio Lower Upper
117 100
119 2.6 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 48.023 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY018874.D
Acq: 19 Jul 2024 11:28

Tgt Ion: 98 Resp: 155437
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0

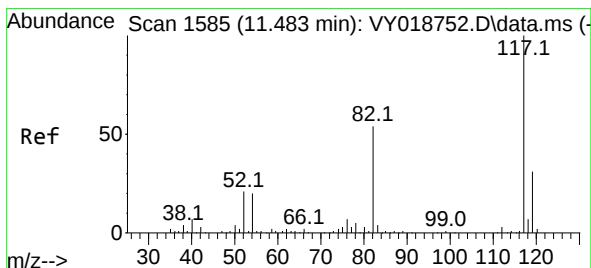
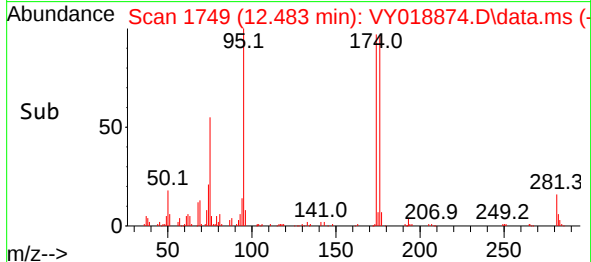
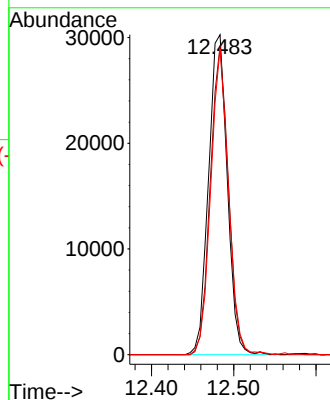
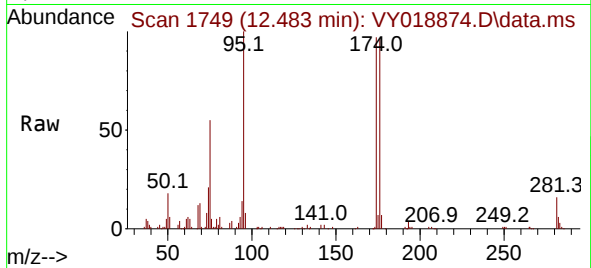




#62
4-Bromofluorobenzene
Concen: 43.474 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018874.D
Acq: 19 Jul 2024 11:28

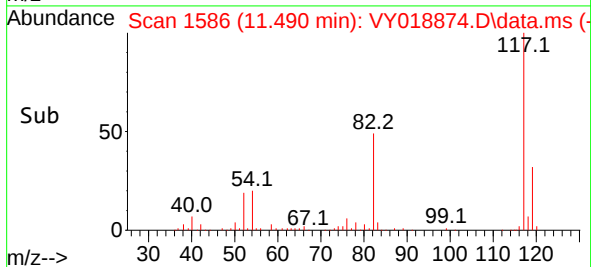
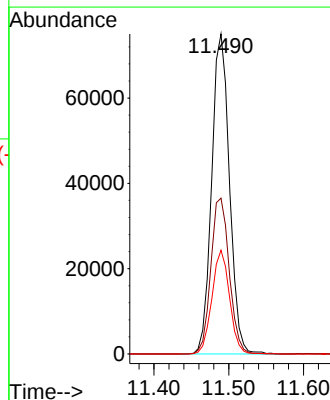
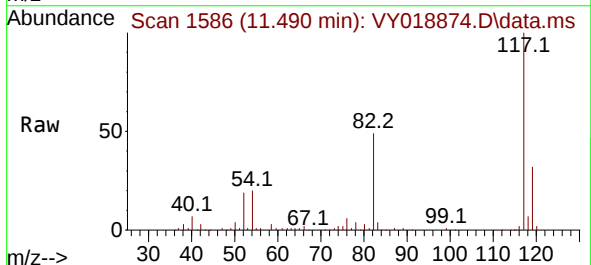
Instrument :
MSVOA_Y
ClientSampleId :

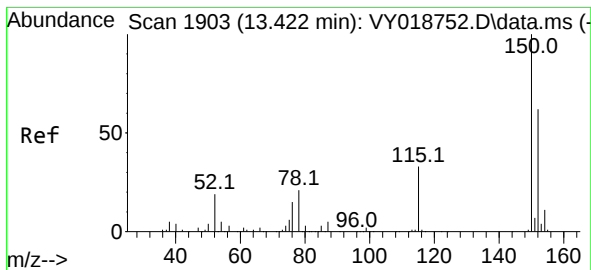
Tgt Ion: 95 Resp: 48054
Ion Ratio Lower Upper
95 100
174 93.1 0.0 175.6
176 90.5 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.006 min
Lab File: VY018874.D
Acq: 19 Jul 2024 11:28

Tgt Ion: 117 Resp: 124318
Ion Ratio Lower Upper
117 100
82 48.7 42.4 63.6
119 32.4 25.9 38.9

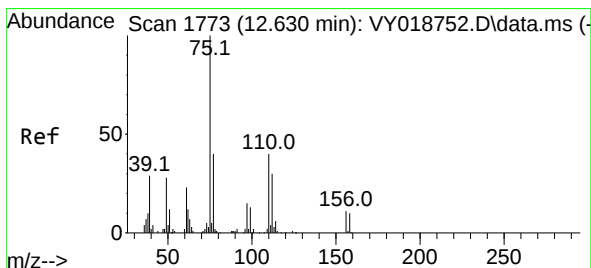
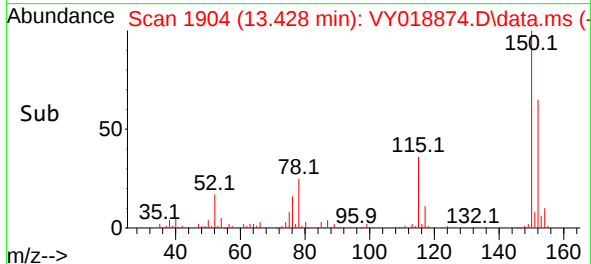
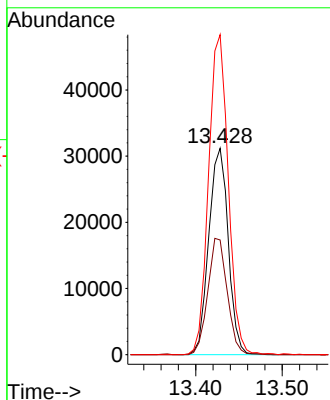
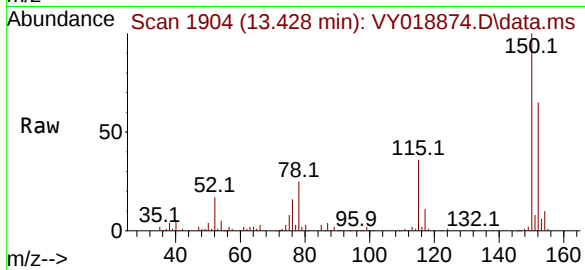




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VY018874.D
Acq: 19 Jul 2024 11:28

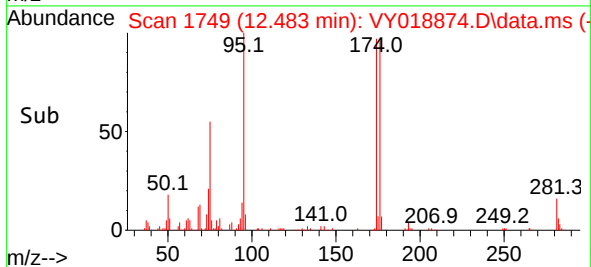
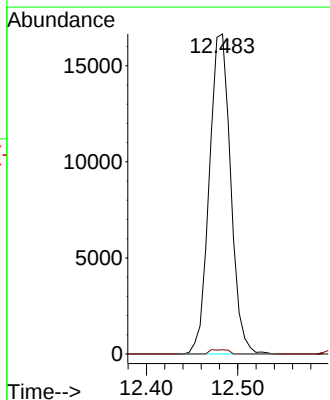
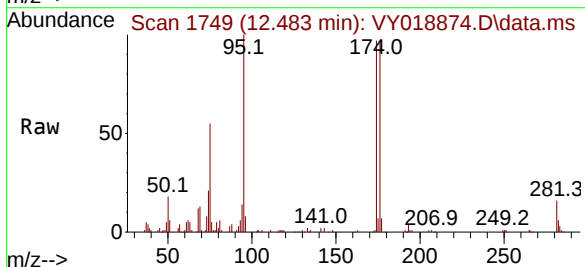
Instrument :
MSVOA_Y
ClientSampleId :

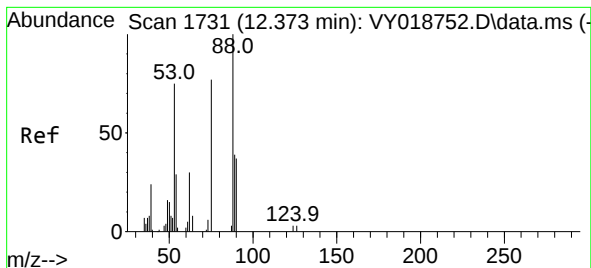
Tgt Ion:152 Resp: 48762
Ion Ratio Lower Upper
152 100
115 56.2 28.2 84.7
150 156.7 0.0 345.6



#76
1,2,3-Trichloropropane
Concen: 70.702 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY018874.D
Acq: 19 Jul 2024 11:28

Tgt Ion: 75 Resp: 27002
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#

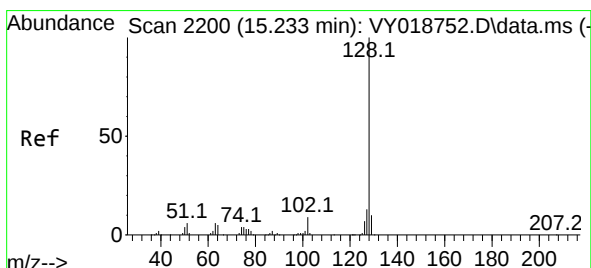
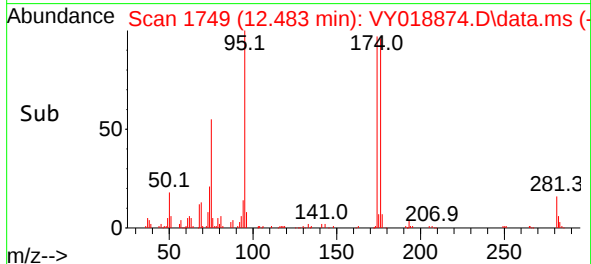
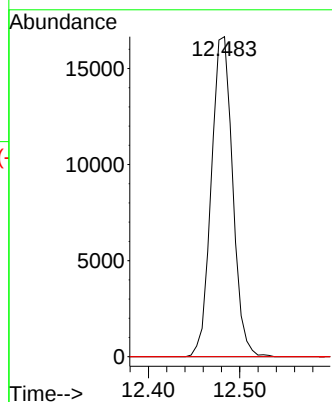
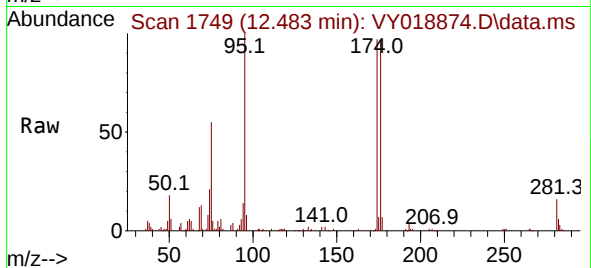




#81
trans-1,4-Dichloro-2-butene
Concen: 158.235 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.110 min
Lab File: VY018874.D
Acq: 19 Jul 2024 11:28

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 27002
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#



#95
Naphthalene
Concen: 1.031 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. 0.000 min
Lab File: VY018874.D
Acq: 19 Jul 2024 11:28

Tgt Ion:128 Resp: 1560
Ion Ratio Lower Upper
128 100
127 15.1 10.6 16.0
129 2.9 8.6 13.0#

