

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072324\
 Data File : VY018899.D
 Acq On : 23 Jul 2024 16:55
 Operator : SY/MD
 Sample : P3341-02
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 24 01:47:57 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)

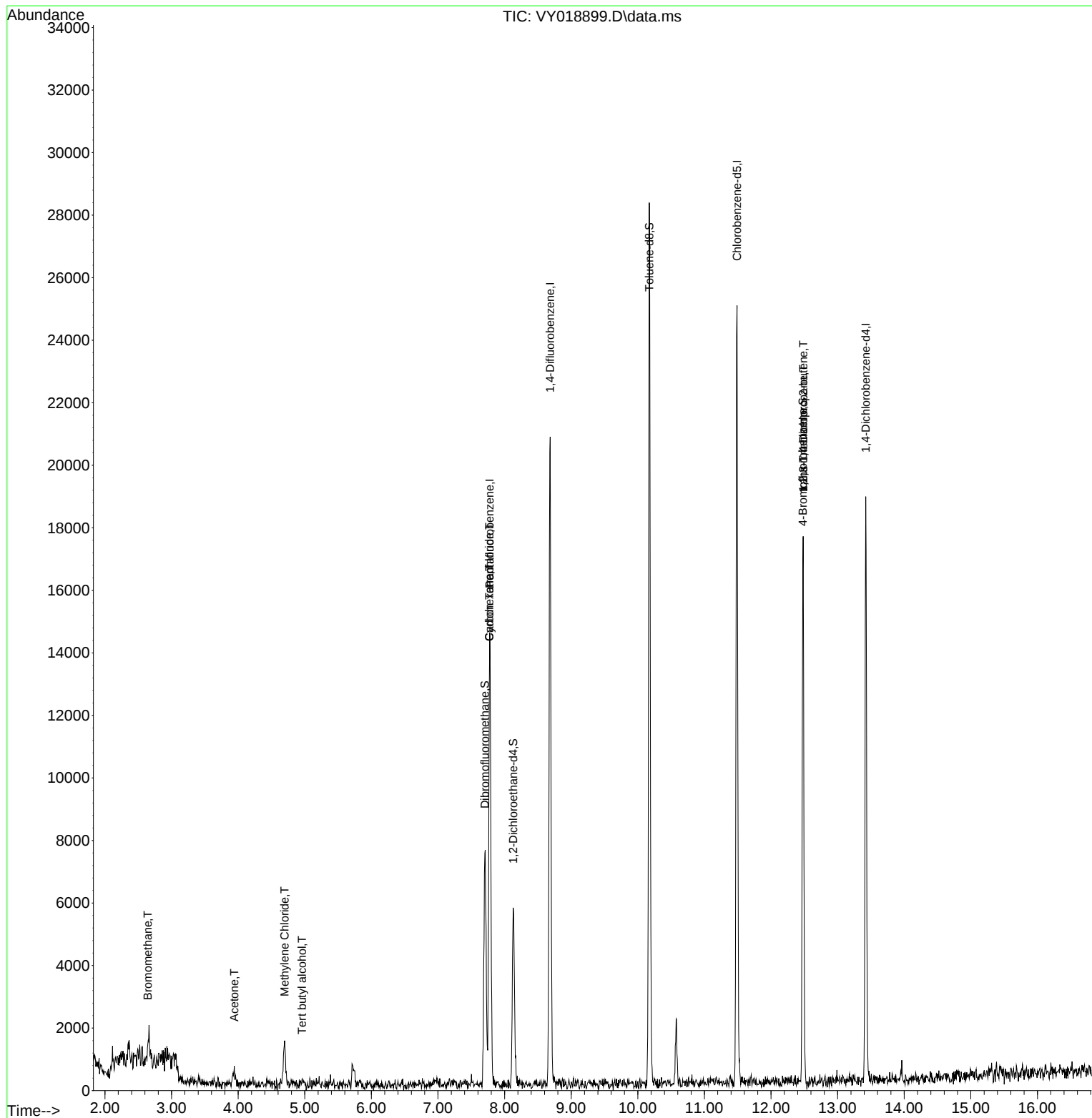
Internal Standards						
1) Pentafluorobenzene	7.777	168	11704	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	18281	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	15165	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	5256	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	4645	40.332	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	80.660%
35) Dibromofluoromethane	7.704	113	5457	47.660	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.320%
50) Toluene-d8	10.173	98	18165	41.876	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	83.760%
62) 4-Bromofluorobenzene	12.477	95	5213	35.190	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	70.380%
Target Compounds						
					Qvalue	
5) Bromomethane	2.643	94	482	4.019	ug/l #	63
11) Tert butyl alcohol	4.960	59	20	1.714	ug/l #	88
16) Acetone	3.942	43	604	28.446	ug/l	92
20) Methylene Chloride	4.698	84	920	2.983	ug/l #	93
31) Cyclohexane	7.771	56	293	1.656	ug/l #	18
38) Carbon Tetrachloride	7.771	117	1142	6.001	ug/l #	13
76) 1,2,3-Trichloropropane	12.483	75	2832	68.795	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	2832	153.966	ug/l #	16

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 09 14:28:51 2024
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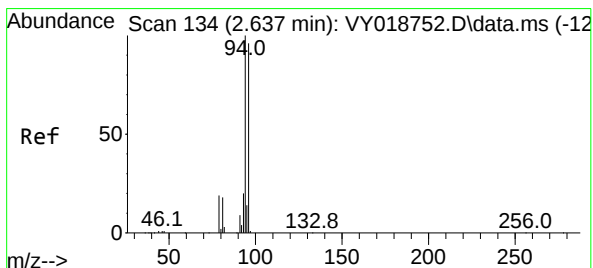
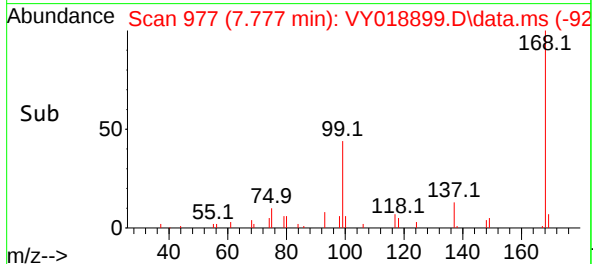
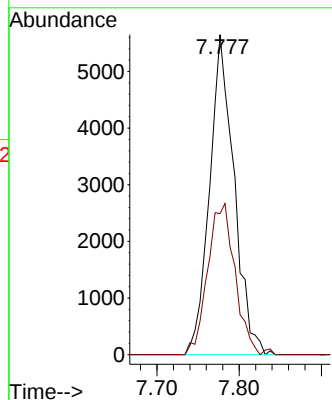
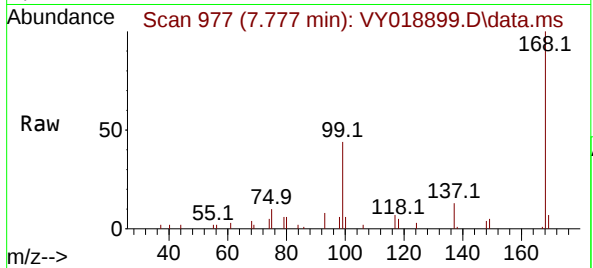




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018899.D
Acq: 23 Jul 2024 16:55

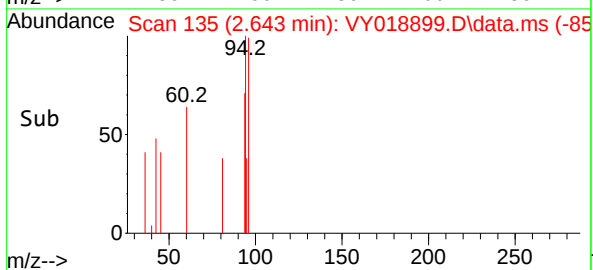
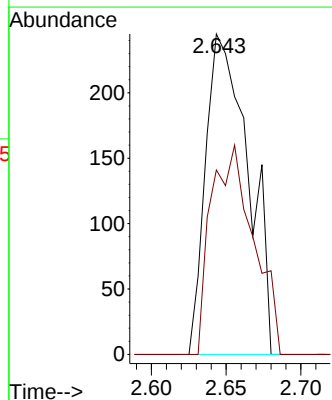
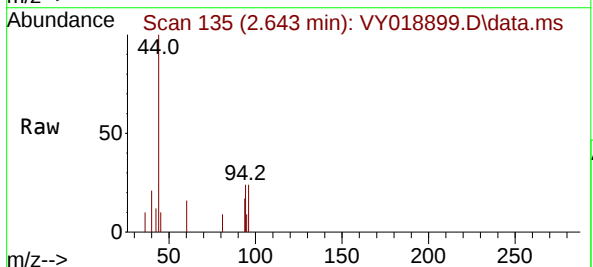
Instrument :
MSVOA_Y
ClientSampleId :

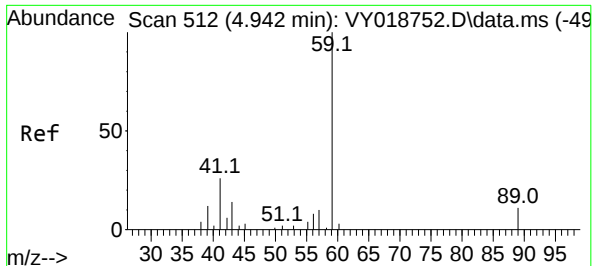
Tgt Ion:168 Resp: 11704
Ion Ratio Lower Upper
168 100
99 44.1 39.1 58.7



#5
Bromomethane
Concen: 4.019 ug/l
RT: 2.643 min Scan# 135
Delta R.T. 0.006 min
Lab File: VY018899.D
Acq: 23 Jul 2024 16:55

Tgt Ion: 94 Resp: 482
Ion Ratio Lower Upper
94 100
96 57.6 74.1 111.1#





#11

Tert butyl alcohol

Concen: 1.714 ug/l

RT: 4.960 min Scan# 51

Delta R.T. 0.018 min

Lab File: VY018899.D

Acq: 23 Jul 2024 16:55

Instrument :

MSVOA_Y

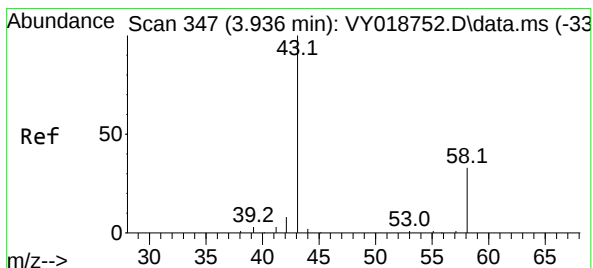
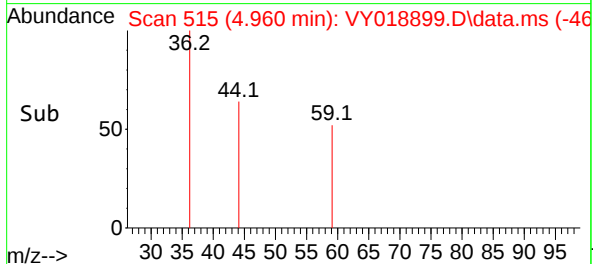
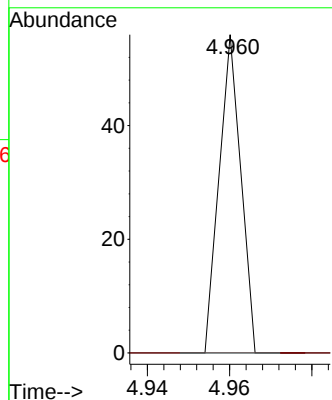
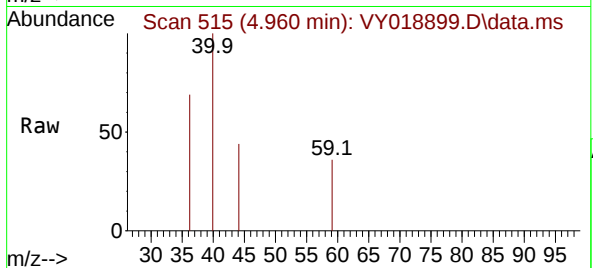
ClientSampleId :

Tgt Ion: 59 Resp: 20

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#



#16

Acetone

Concen: 28.446 ug/l

RT: 3.942 min Scan# 348

Delta R.T. 0.006 min

Lab File: VY018899.D

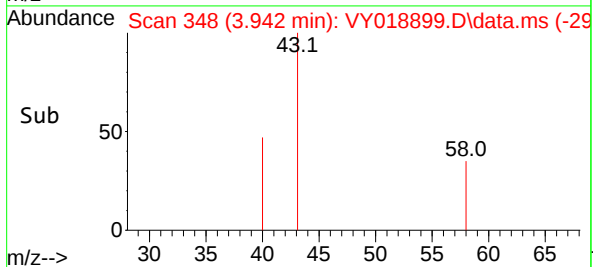
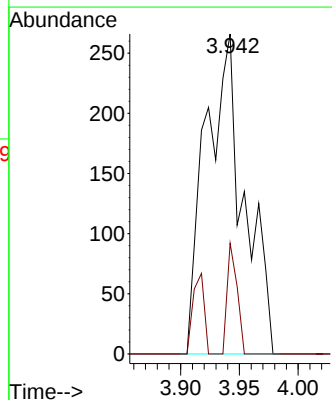
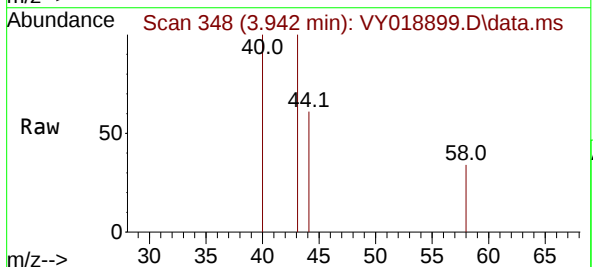
Acq: 23 Jul 2024 16:55

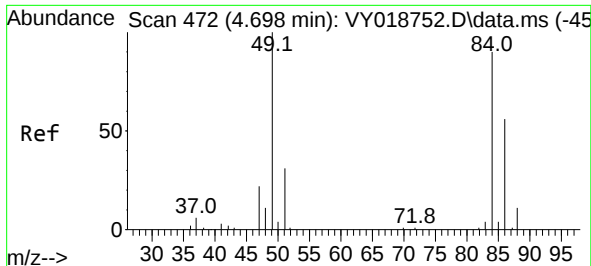
Tgt Ion: 43 Resp: 604

Ion Ratio Lower Upper

43 100

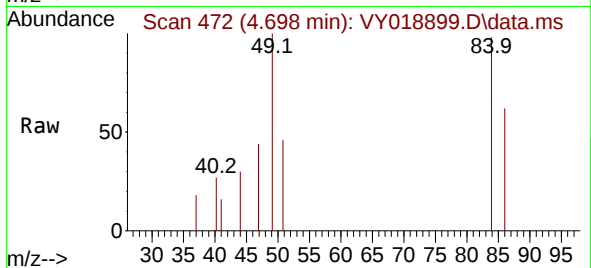
58 34.6 31.7 47.5



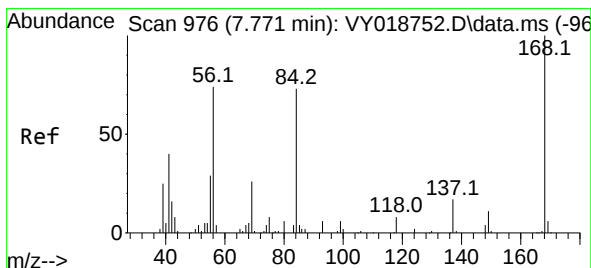
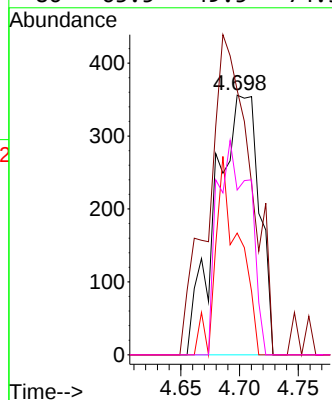


#20
Methylene Chloride
Concen: 2.983 ug/l
RT: 4.698 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY018899.D
Acq: 23 Jul 2024 16:55

Instrument :
MSVOA_Y
ClientSampleId :

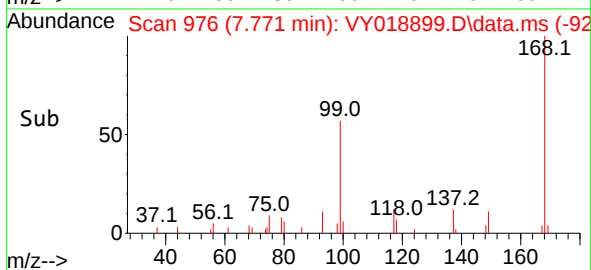
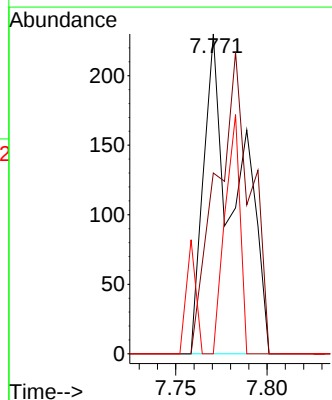
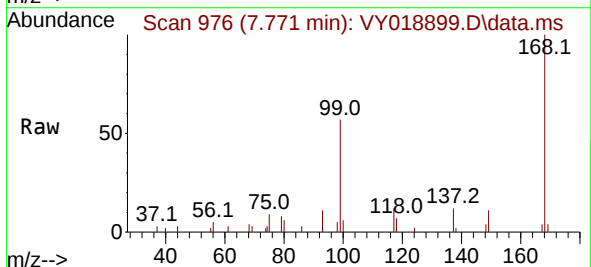


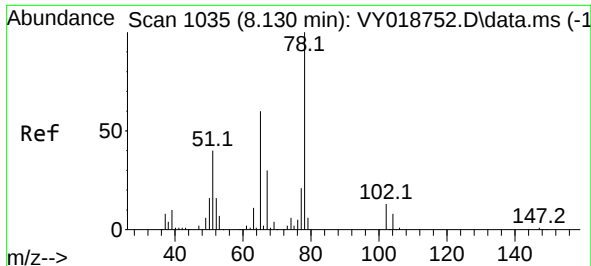
Tgt Ion: 84	Resp: 920
Ion Ratio	Lower Upper
84 100	
49 102.0	84.4 126.6
51 46.9	26.0 39.0#
86 63.5	49.5 74.3



#31
Cyclohexane
Concen: 1.656 ug/l
RT: 7.771 min Scan# 976
Delta R.T. -0.000 min
Lab File: VY018899.D
Acq: 23 Jul 2024 16:55

Tgt Ion: 56	Resp: 293
Ion Ratio	Lower Upper
56 100	
69 56.5	28.7 43.1#
84 0.0	77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 40.332 ug/l

RT: 8.130 min Scan# 110

Delta R.T. -0.000 min

Lab File: VY018899.D

Acq: 23 Jul 2024 16:55

Instrument :

MSVOA_Y

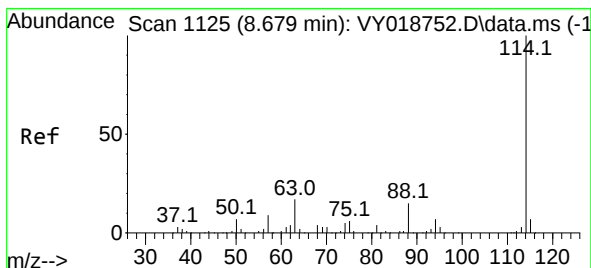
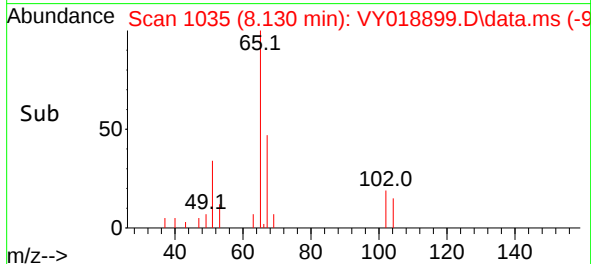
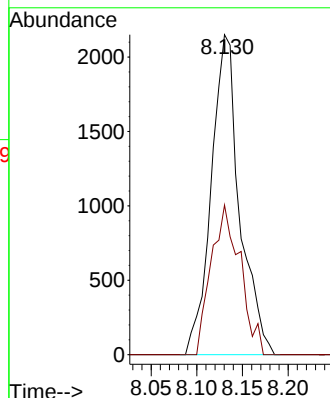
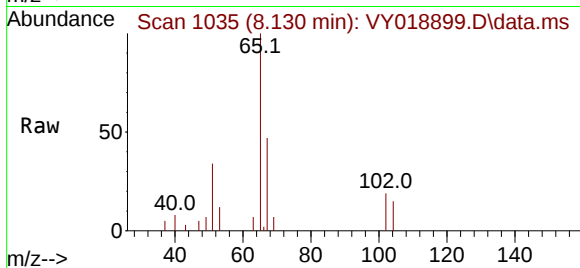
ClientSampleId :

Tgt Ion: 65 Resp: 4645

Ion Ratio Lower Upper

65 100

67 47.7 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: VY018899.D

Acq: 23 Jul 2024 16:55

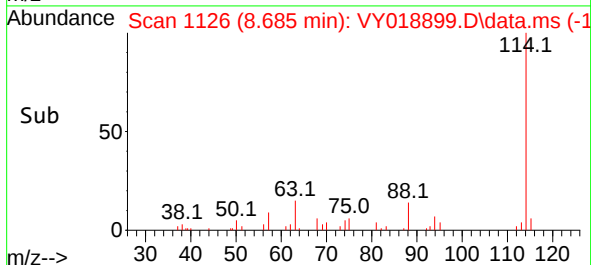
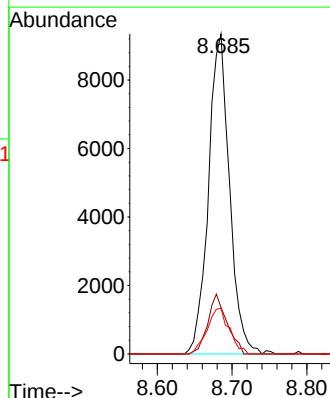
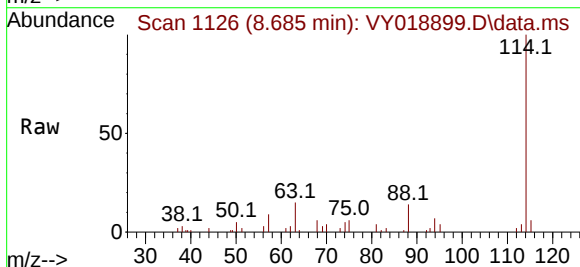
Tgt Ion: 114 Resp: 18281

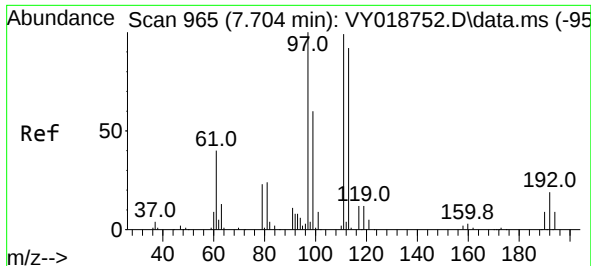
Ion Ratio Lower Upper

114 100

63 14.5 0.0 35.0

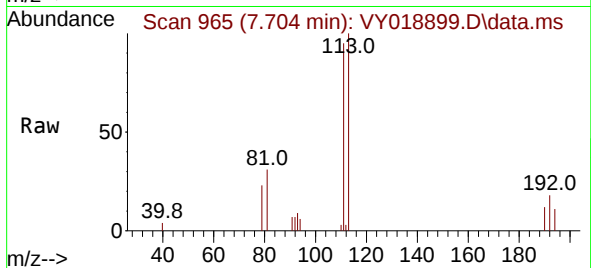
88 14.4 0.0 27.2



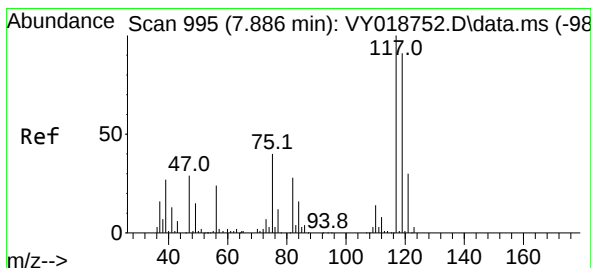
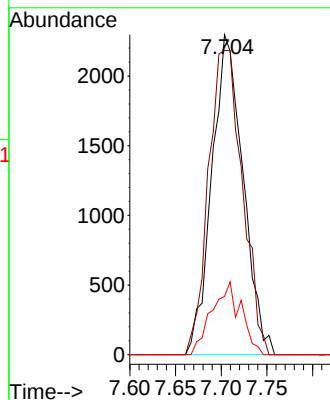
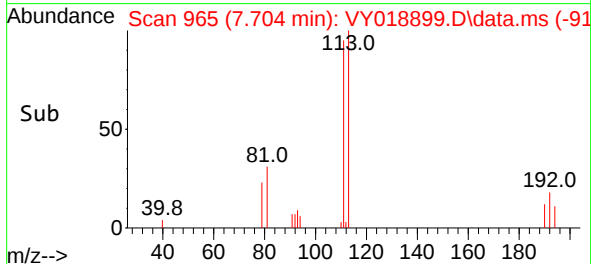


#35
Dibromofluoromethane
Concen: 47.660 ug/l
RT: 7.704 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018899.D
Acq: 23 Jul 2024 16:55

Instrument :
MSVOA_Y
ClientSampleId :

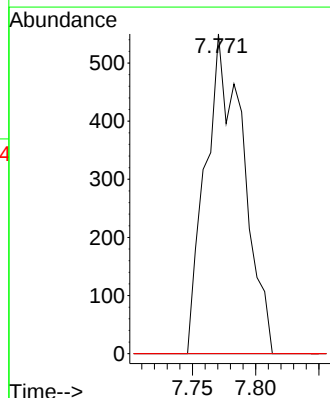
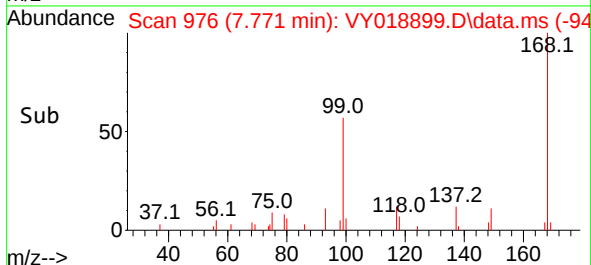
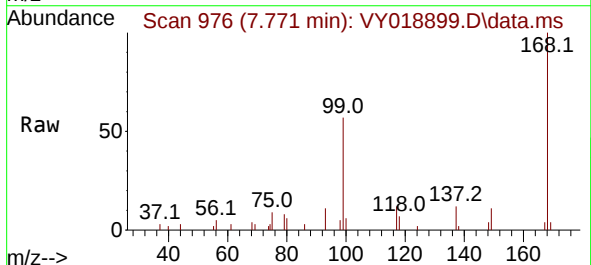


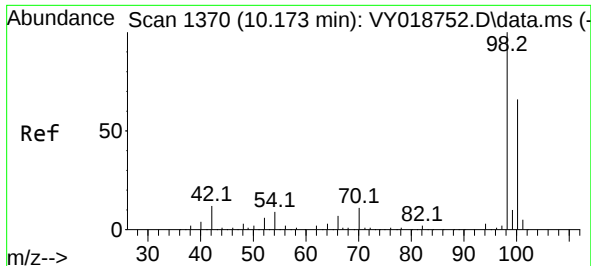
Tgt Ion:113 Resp: 5457
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.4
192 21.3 15.9 23.9



#38
Carbon Tetrachloride
Concen: 6.001 ug/l
RT: 7.771 min Scan# 976
Delta R.T. -0.116 min
Lab File: VY018899.D
Acq: 23 Jul 2024 16:55

Tgt Ion:117 Resp: 1142
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.0 36.0#

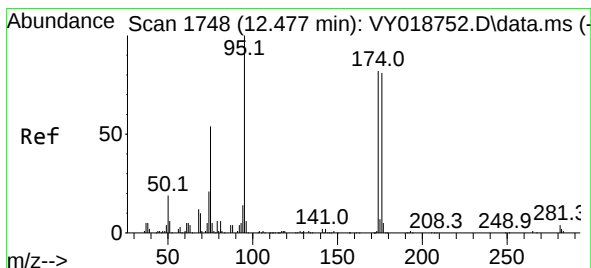
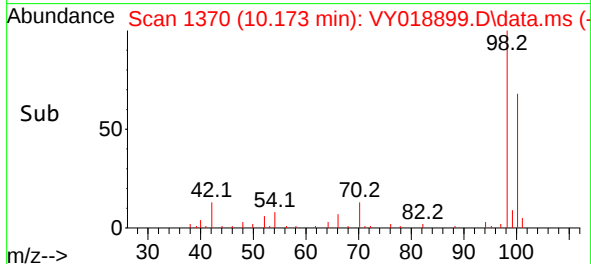
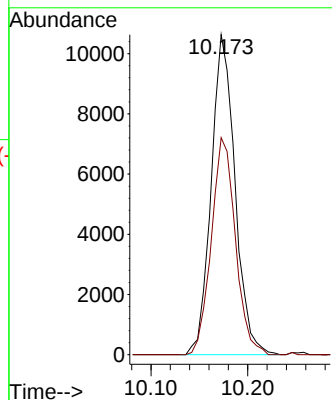
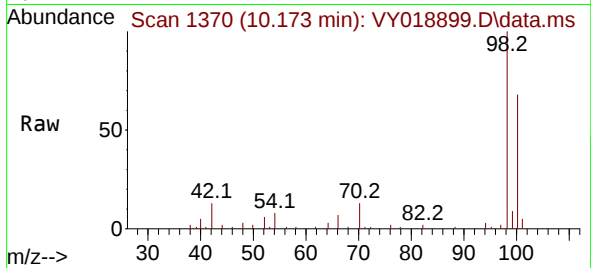




#50
Toluene-d8
Concen: 41.876 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018899.D
Acq: 23 Jul 2024 16:55

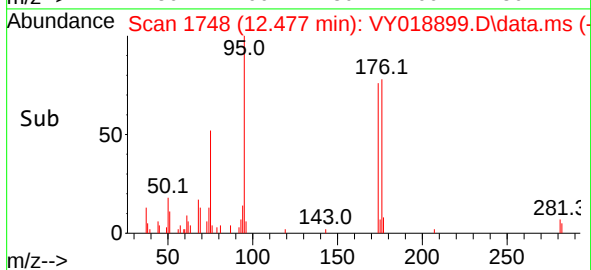
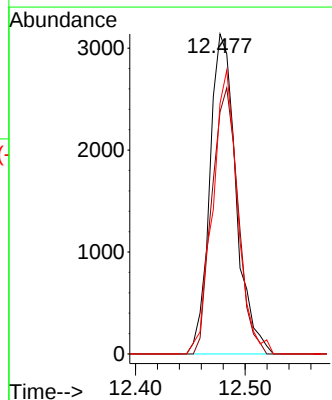
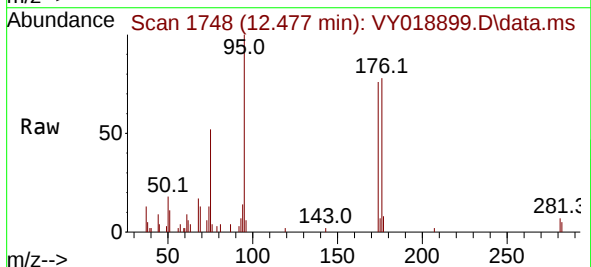
Instrument :
MSVOA_Y
ClientSampleId :

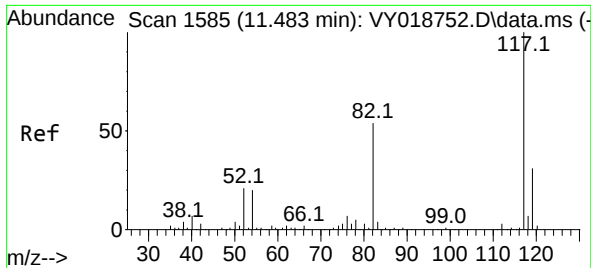
Tgt Ion: 98 Resp: 18165
Ion Ratio Lower Upper
98 100
100 68.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 35.190 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY018899.D
Acq: 23 Jul 2024 16:55

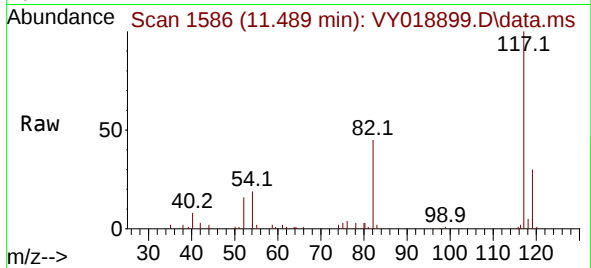
Tgt Ion: 95 Resp: 5213
Ion Ratio Lower Upper
95 100
174 83.2 0.0 175.6
176 85.2 0.0 171.4



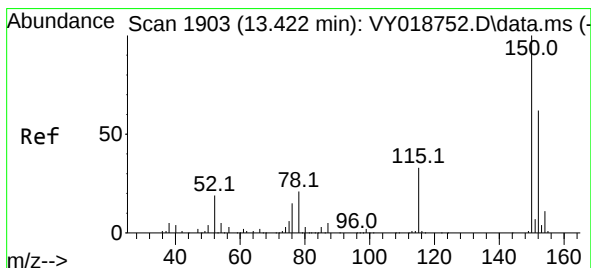
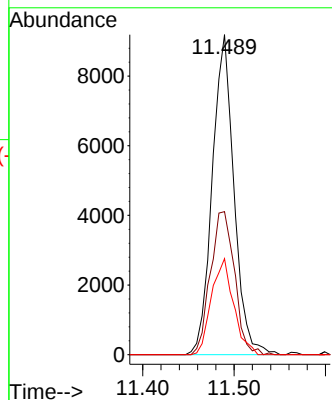
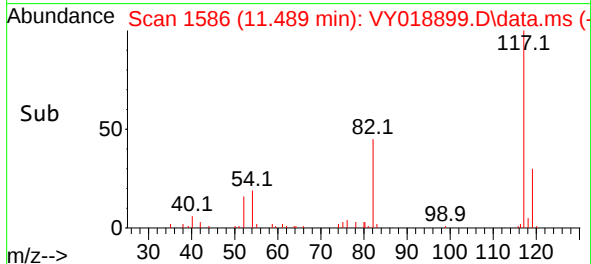


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018899.D
Acq: 23 Jul 2024 16:55

Instrument :
MSVOA_Y
ClientSampleId :

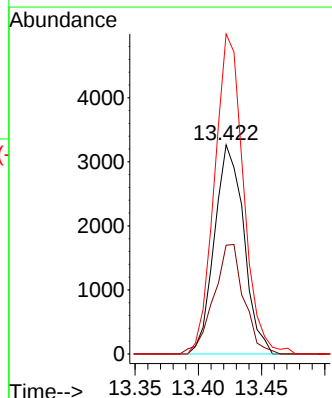
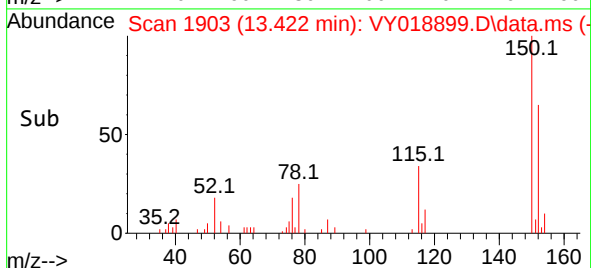
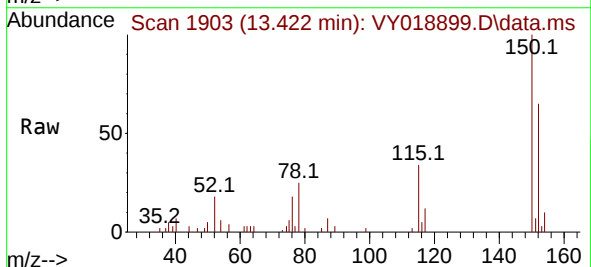


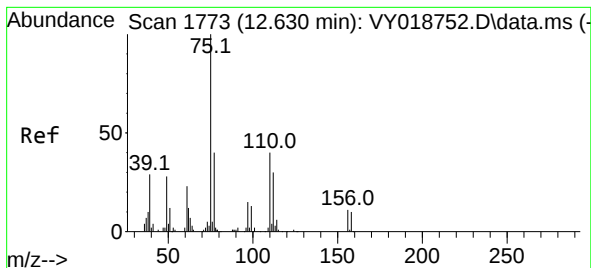
Tgt Ion:117 Resp: 15165
Ion Ratio Lower Upper
117 100
82 44.7 42.4 63.6
119 30.0 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY018899.D
Acq: 23 Jul 2024 16:55

Tgt Ion:152 Resp: 5256
Ion Ratio Lower Upper
152 100
115 53.8 28.2 84.7
150 151.1 0.0 345.6

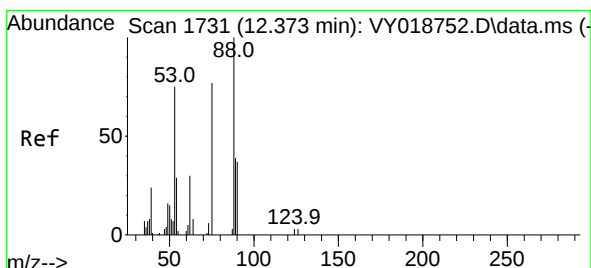
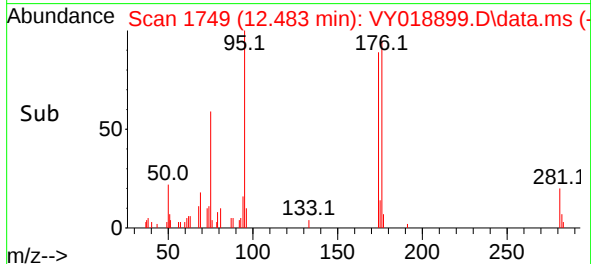
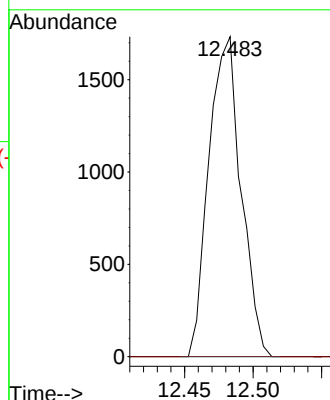
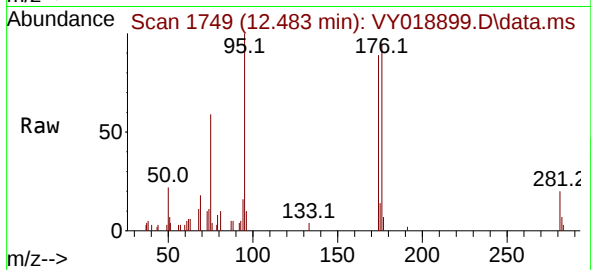




#76
1,2,3-Trichloropropane
Concen: 68.795 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY018899.D
Acq: 23 Jul 2024 16:55

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 2832
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 153.966 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.110 min
Lab File: VY018899.D
Acq: 23 Jul 2024 16:55

Tgt Ion: 75 Resp: 2832
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

