

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071224\
 Data File : VY018802.D
 Acq On : 12 Jul 2024 17:05
 Operator : SY/MD
 Sample : P3207-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 12 23:42:00 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)

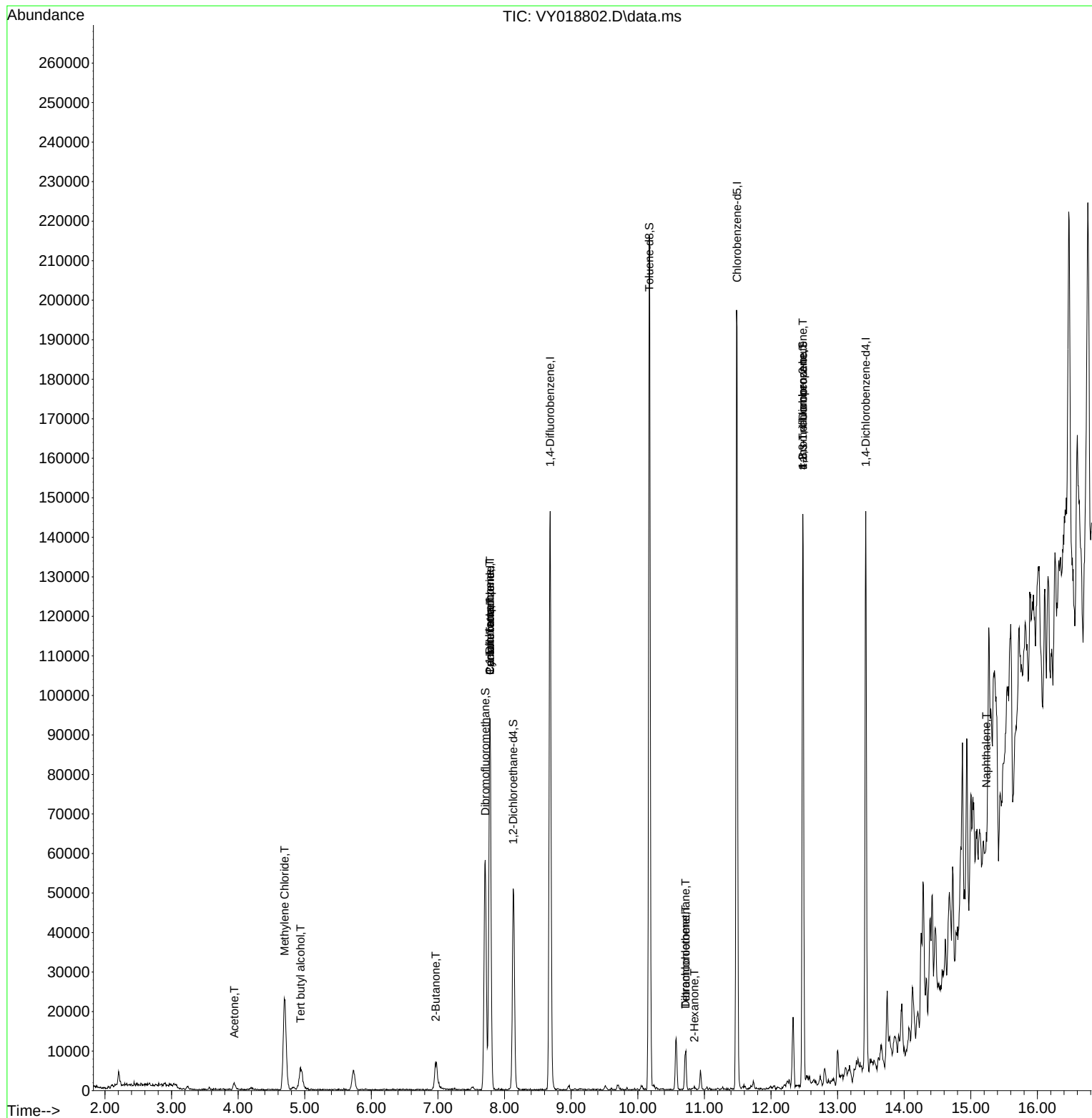
Internal Standards						
1) Pentafluorobenzene	7.783	168	74701	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	129764	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	109484	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	36067	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	40127	54.589	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.180%	
35) Dibromofluoromethane	7.710	113	40576	49.925	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.860%	
50) Toluene-d8	10.173	98	141631	45.997	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 92.000%	
62) 4-Bromofluorobenzene	12.477	95	41755	39.709	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 79.420%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	9857	132.374	ug/l #	77
16) Acetone	3.942	43	2815	20.772	ug/l #	62
20) Methylene Chloride	4.698	84	17998	20.524	ug/l #	86
25) 2-Butanone	6.966	43	284	1.495	ug/l #	41
31) Cyclohexane	7.783	56	1603	1.419	ug/l #	43
36) 1,1-Dichloropropene	7.777	75	4828	4.305	ug/l #	50
38) Carbon Tetrachloride	7.783	117	7062	5.228	ug/l #	15
59) 2-Hexanone	10.849	43	622	1.877	ug/l	71
60) Dibromochloromethane	10.715	129	1891	2.367	ug/l #	10
64) Tetrachloroethene	10.715	164	2287	2.581	ug/l #	90
76) 1,2,3-Trichloropropane	12.477	75	22874	80.975	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	22874	181.226	ug/l #	16
95) Naphthalene	15.233	128	3409	3.045	ug/l #	85

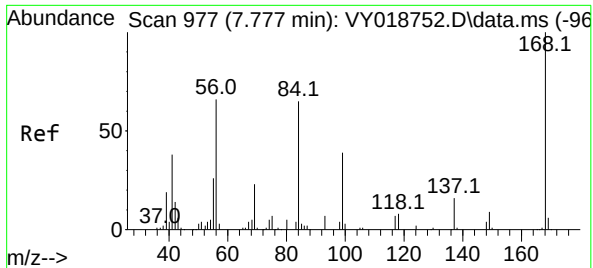
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071224\
Data File : VY018802.D
Acq On : 12 Jul 2024 17:05
Operator : SY/MD
Sample : P3207-01
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jul 12 23:42:00 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

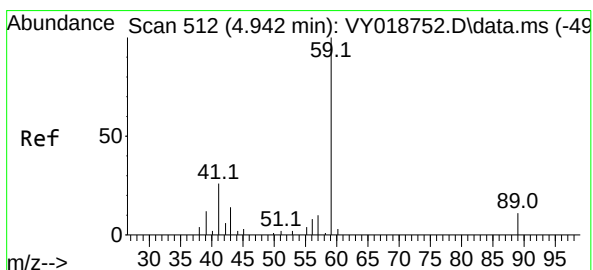
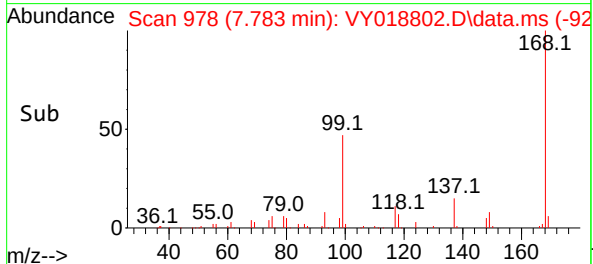
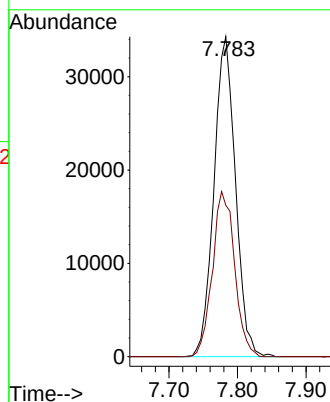
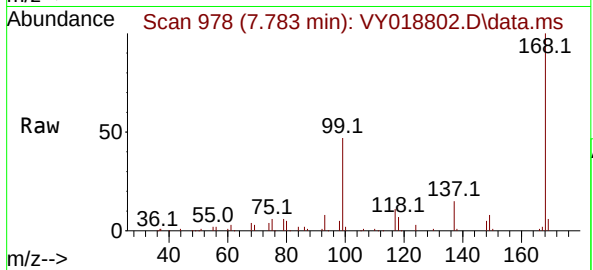




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018802.D
Acq: 12 Jul 2024 17:05

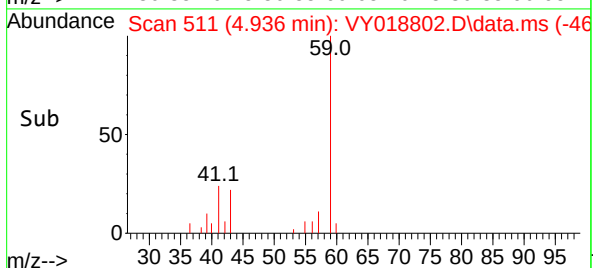
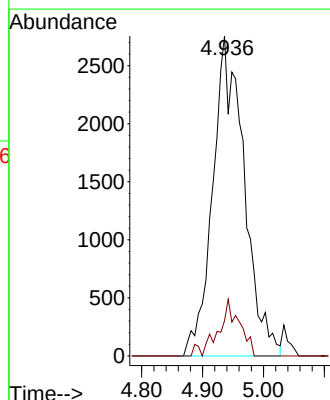
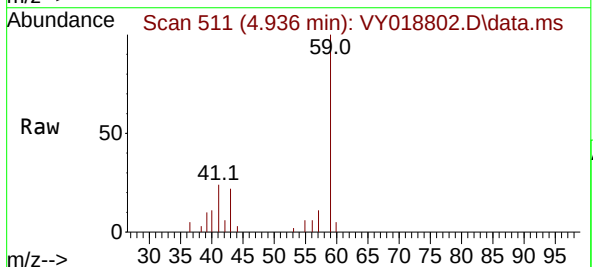
Instrument :
MSVOA_Y
ClientSampleId :

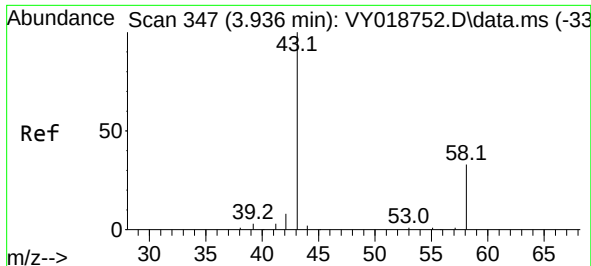
Tgt Ion:168 Resp: 74701
Ion Ratio Lower Upper
168 100
99 47.3 39.1 58.7



#11
Tert butyl alcohol
Concen: 132.374 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY018802.D
Acq: 12 Jul 2024 17:05

Tgt Ion: 59 Resp: 9857
Ion Ratio Lower Upper
59 100
57 11.4 3.0 4.6#





#16

Acetone

Concen: 20.772 ug/l

RT: 3.942 min Scan# 347

Delta R.T. 0.006 min

Lab File: VY018802.D

Acq: 12 Jul 2024 17:05

Instrument :

MSVOA_Y

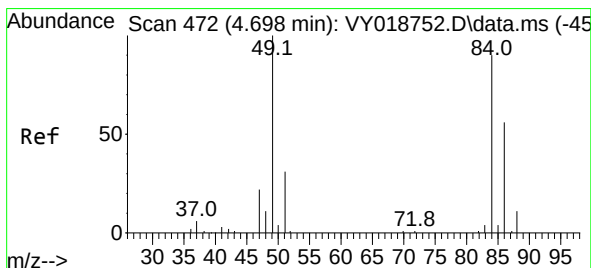
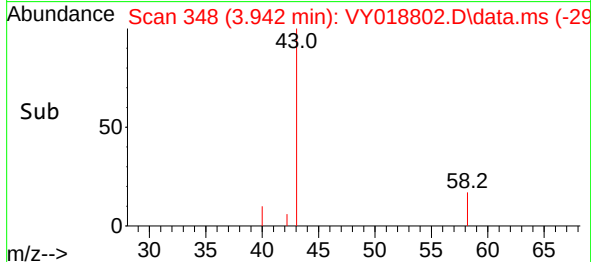
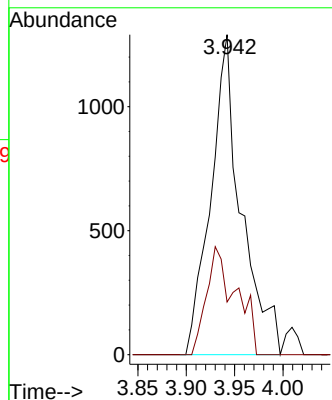
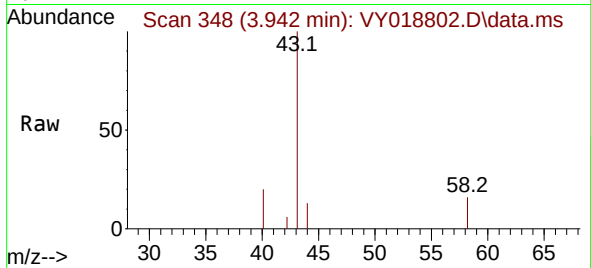
ClientSampleId :

Tgt Ion: 43 Resp: 2815

Ion Ratio Lower Upper

43 100

58 16.4 31.7 47.5#



#20

Methylene Chloride

Concen: 20.524 ug/l

RT: 4.698 min Scan# 472

Delta R.T. 0.000 min

Lab File: VY018802.D

Acq: 12 Jul 2024 17:05

Tgt Ion: 84 Resp: 17998

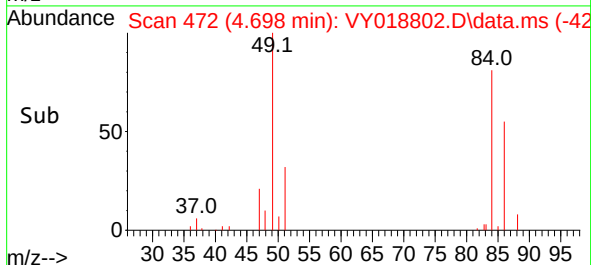
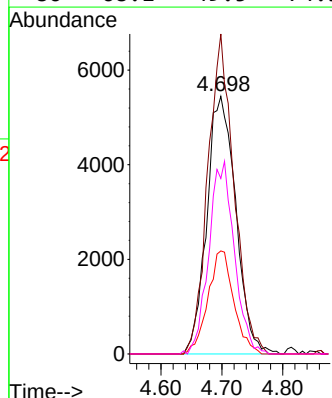
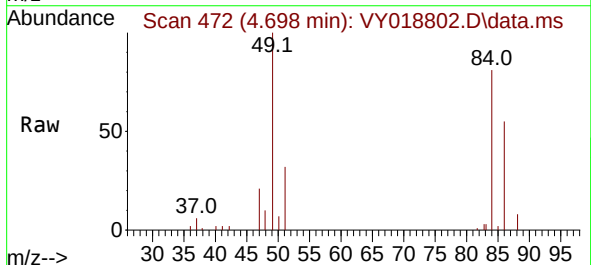
Ion Ratio Lower Upper

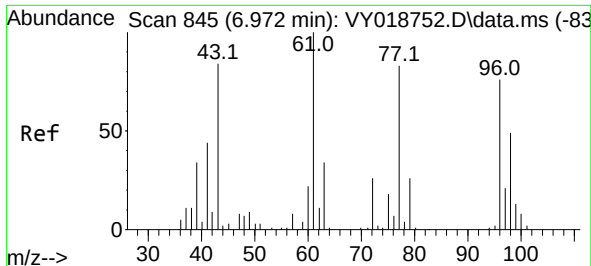
84 100

49 124.2 84.4 126.6

51 40.0 26.0 39.0#

86 68.1 49.5 74.3

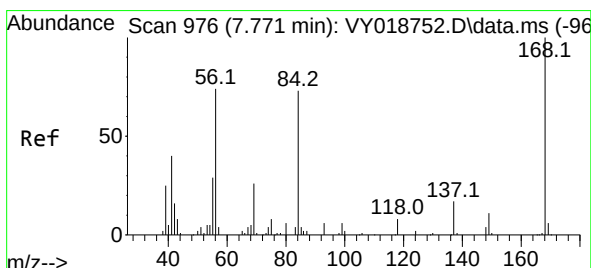
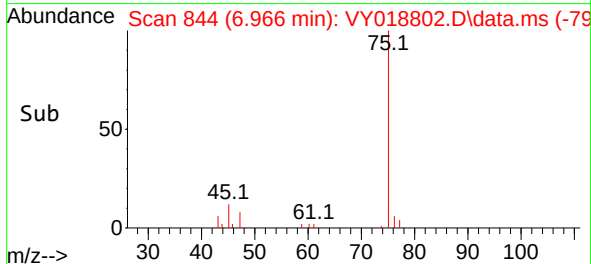
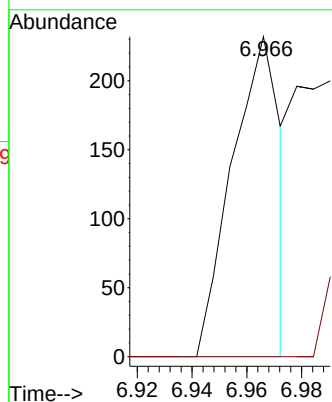
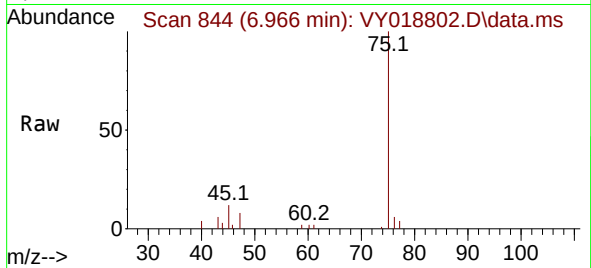




#25
2-Butanone
Concen: 1.495 ug/l
RT: 6.966 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY018802.D
Acq: 12 Jul 2024 17:05

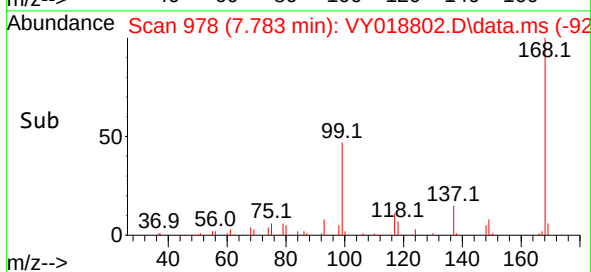
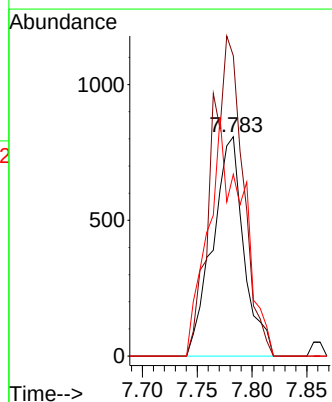
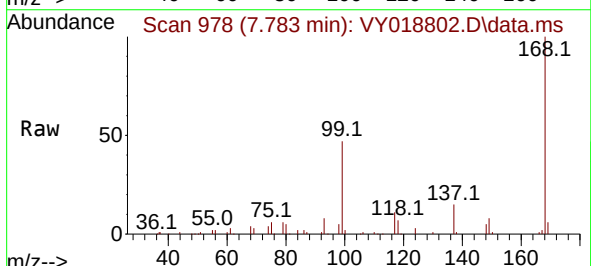
Instrument :
MSVOA_Y
ClientSampleId :

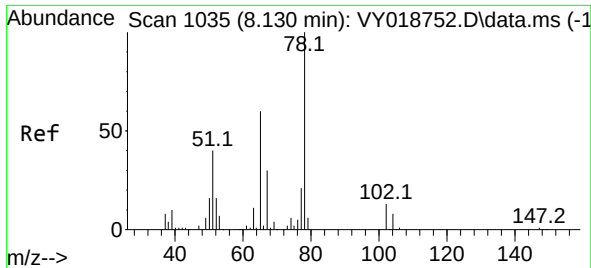
Tgt Ion: 43 Resp: 284
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#



#31
Cyclohexane
Concen: 1.419 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.012 min
Lab File: VY018802.D
Acq: 12 Jul 2024 17:05

Tgt Ion: 56 Resp: 1603
Ion Ratio Lower Upper
56 100
69 136.9 28.7 43.1#
84 82.8 77.7 116.5





#33

1,2-Dichloroethane-d4

Concen: 54.589 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VY018802.D

Acq: 12 Jul 2024 17:05

Instrument :

MSVOA_Y

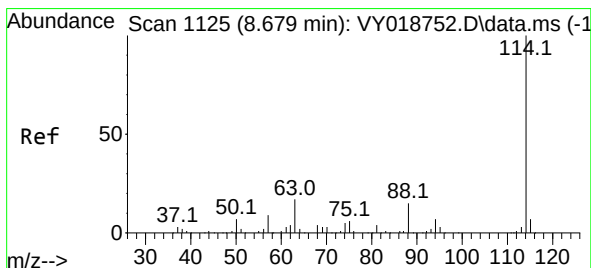
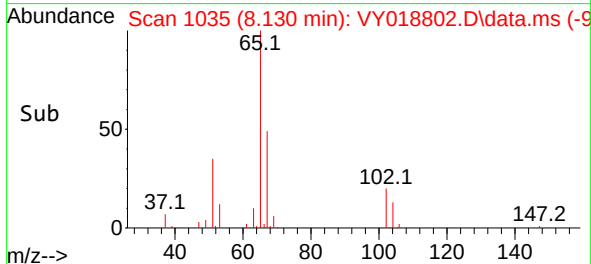
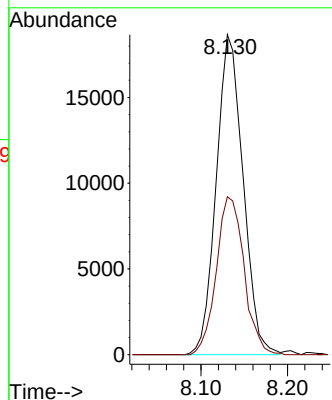
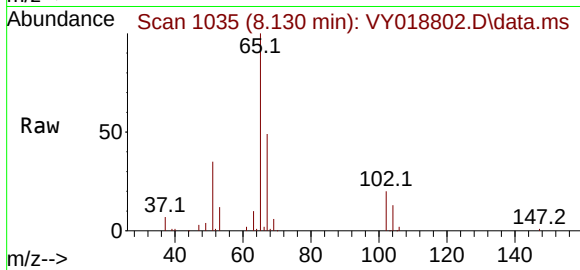
ClientSampleId :

Tgt Ion: 65 Resp: 40127

Ion Ratio Lower Upper

65 100

67 51.1 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: VY018802.D

Acq: 12 Jul 2024 17:05

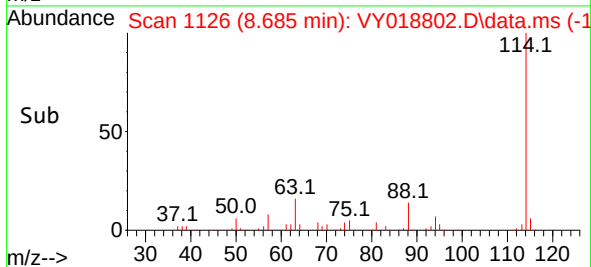
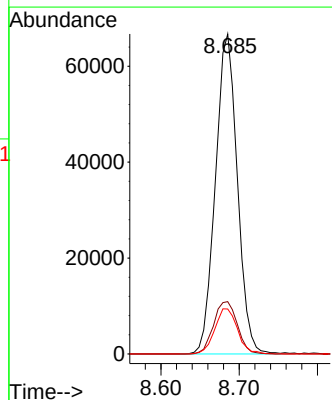
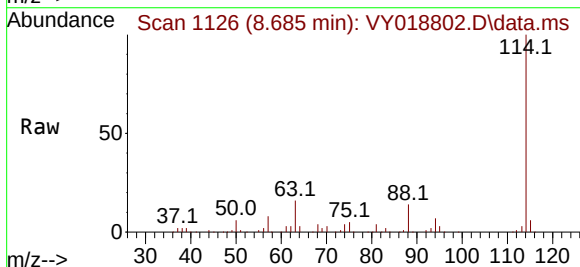
Tgt Ion: 114 Resp: 129764

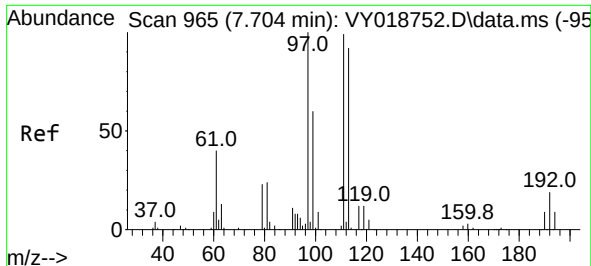
Ion Ratio Lower Upper

114 100

63 16.4 0.0 35.0

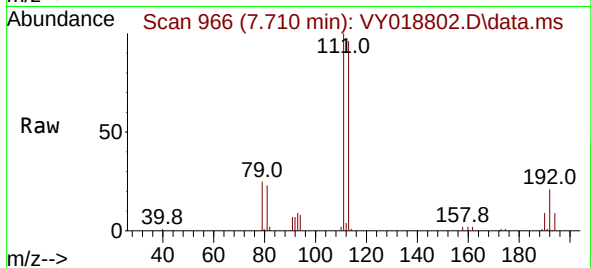
88 14.0 0.0 27.2



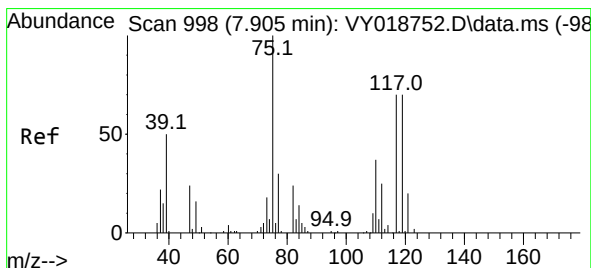
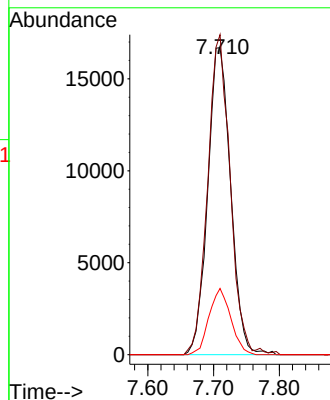
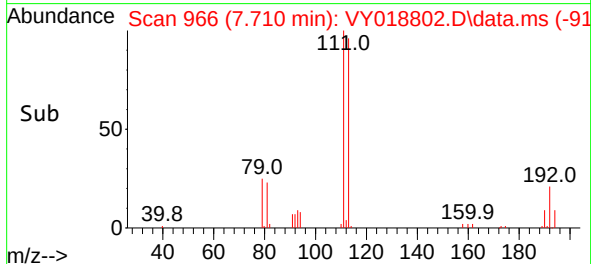


#35
Dibromofluoromethane
Concen: 49.925 ug/l
RT: 7.710 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY018802.D
Acq: 12 Jul 2024 17:05

Instrument :
MSVOA_Y
ClientSampleId :

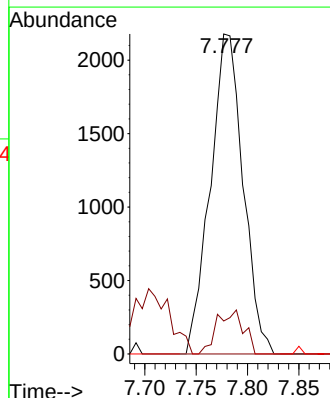
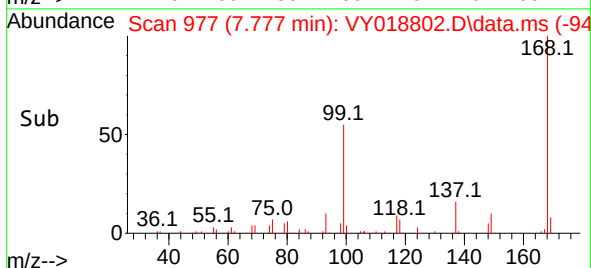
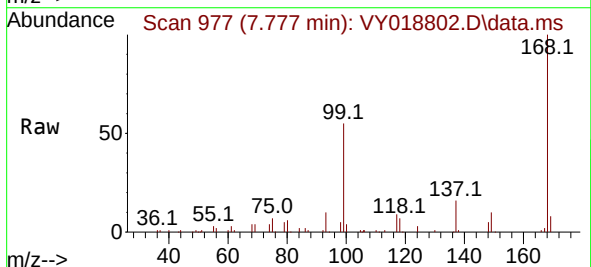


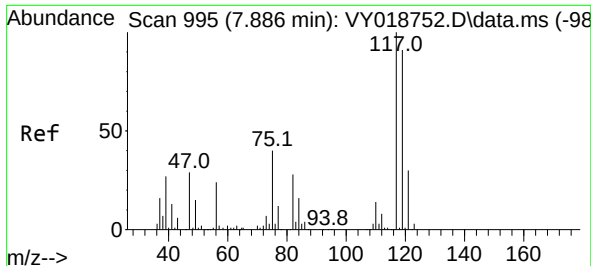
Tgt Ion:113 Resp: 40576
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.4
192 20.5 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.305 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.128 min
Lab File: VY018802.D
Acq: 12 Jul 2024 17:05

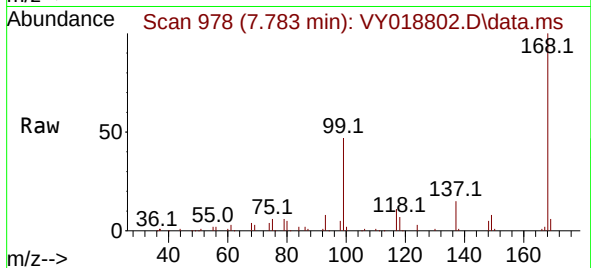
Tgt Ion: 75 Resp: 4828
Ion Ratio Lower Upper
75 100
110 11.2 19.0 57.0#
77 0.0 25.3 37.9#



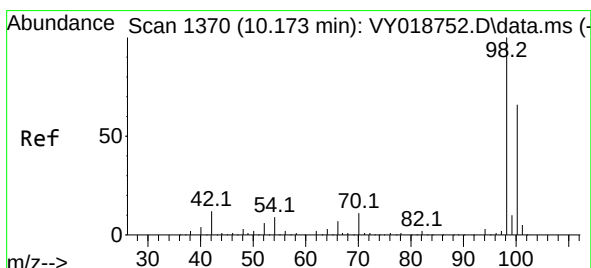
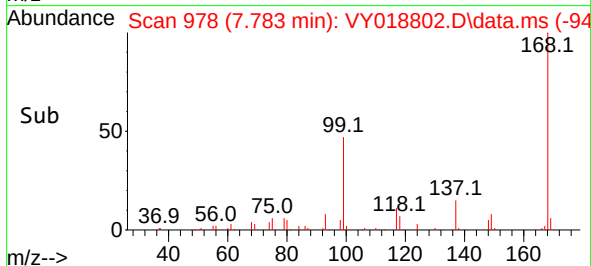
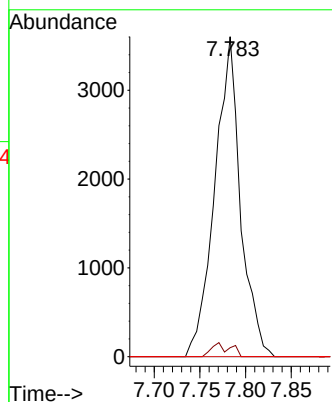


#38
Carbon Tetrachloride
Concen: 5.228 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY018802.D
Acq: 12 Jul 2024 17:05

Instrument :
MSVOA_Y
ClientSampleId :

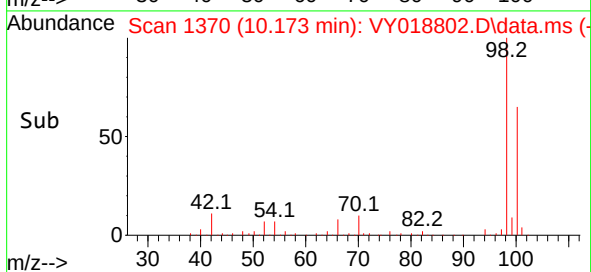
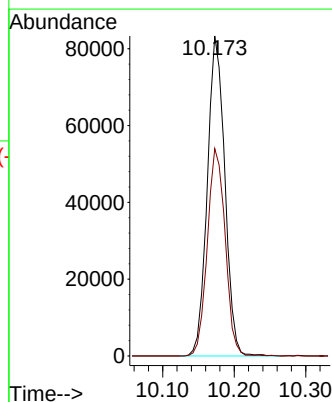
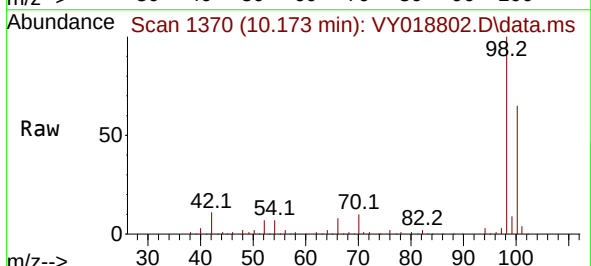


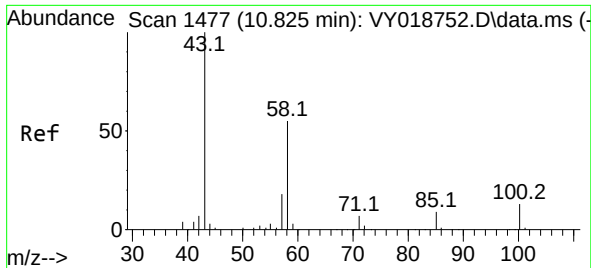
Tgt Ion:117 Resp: 7062
Ion Ratio Lower Upper
117 100
119 2.8 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 45.997 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY018802.D
Acq: 12 Jul 2024 17:05

Tgt Ion: 98 Resp: 141631
Ion Ratio Lower Upper
98 100
100 66.1 52.0 78.0

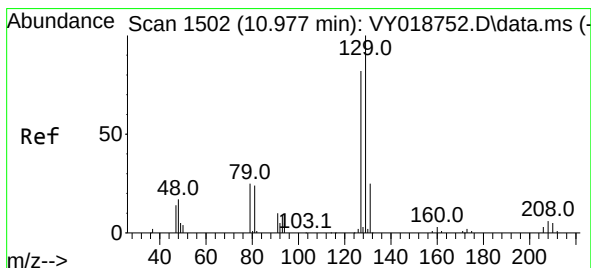
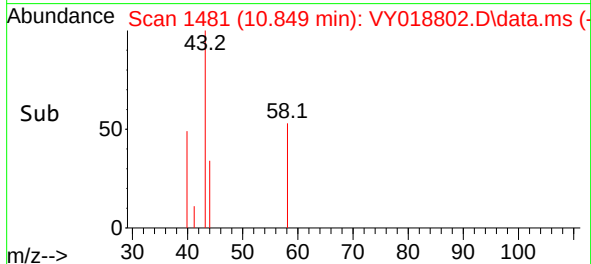
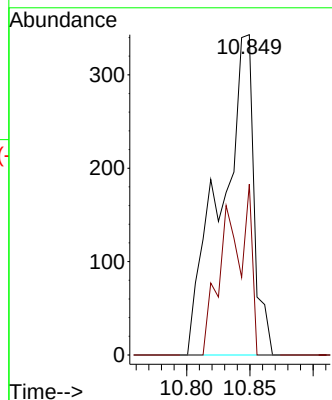
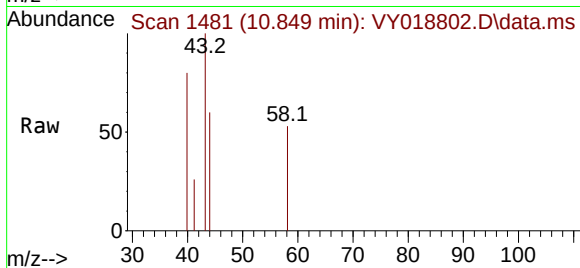




#59
2-Hexanone
Concen: 1.877 ug/l
RT: 10.849 min Scan# 1477
Delta R.T. 0.024 min
Lab File: VY018802.D
Acq: 12 Jul 2024 17:05

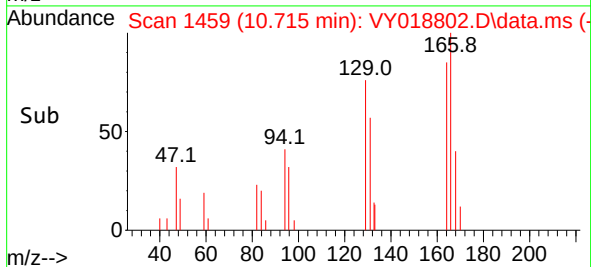
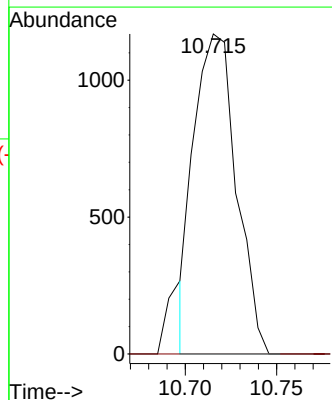
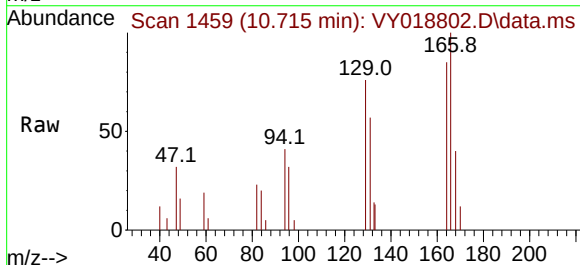
Instrument :
MSVOA_Y
ClientSampleId :

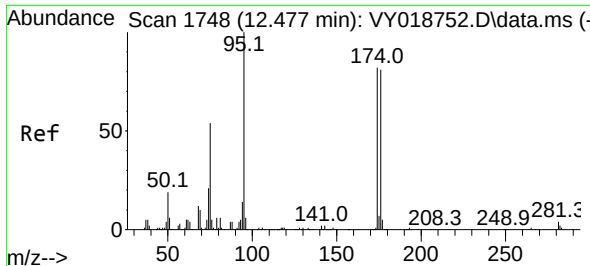
Tgt Ion: 43 Resp: 622
Ion Ratio Lower Upper
43 100
58 40.5 31.4 94.0



#60
Dibromochloromethane
Concen: 2.367 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.262 min
Lab File: VY018802.D
Acq: 12 Jul 2024 17:05

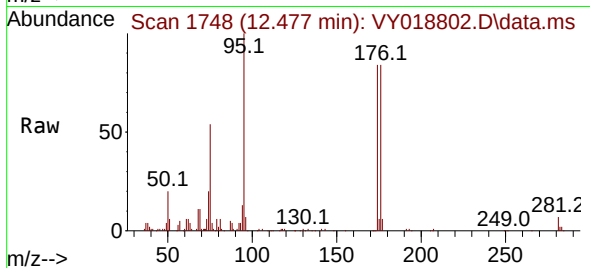
Tgt Ion: 129 Resp: 1891
Ion Ratio Lower Upper
129 100
127 0.0 39.0 117.0#



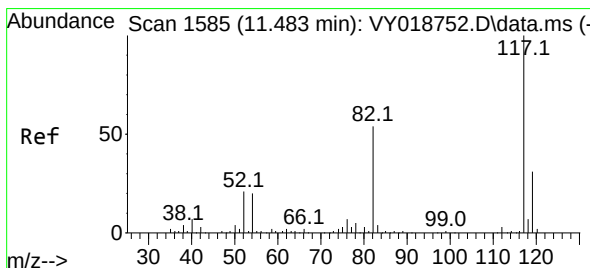
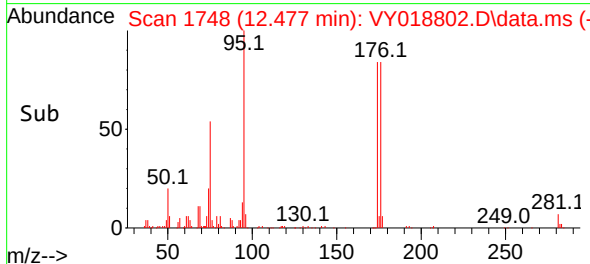
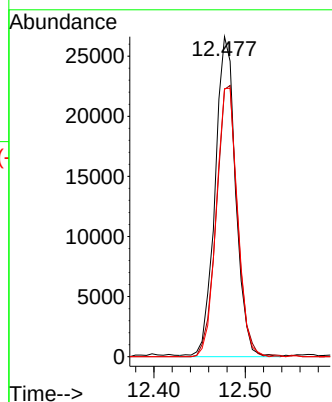


#62
4-Bromofluorobenzene
Concen: 39.709 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018802.D
Acq: 12 Jul 2024 17:05

Instrument :
MSVOA_Y
ClientSampleId :

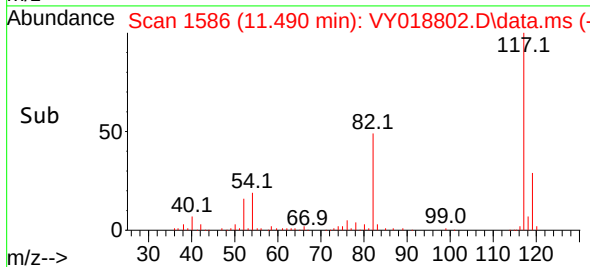
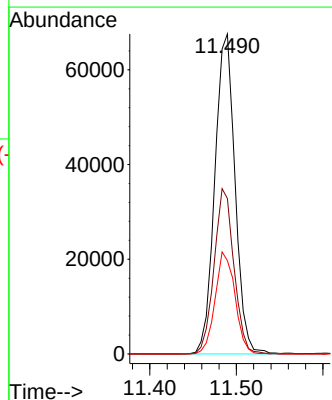
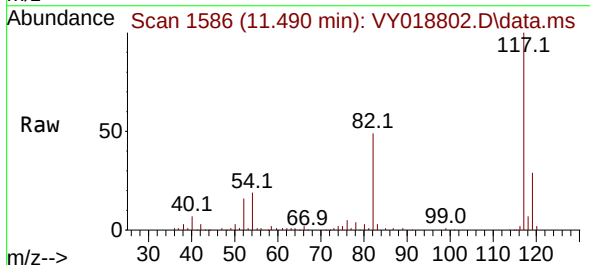


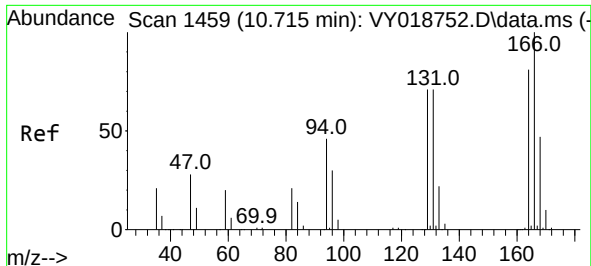
Tgt Ion: 95 Resp: 41755
Ion Ratio Lower Upper
95 100
174 86.4 0.0 175.6
176 86.2 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.006 min
Lab File: VY018802.D
Acq: 12 Jul 2024 17:05

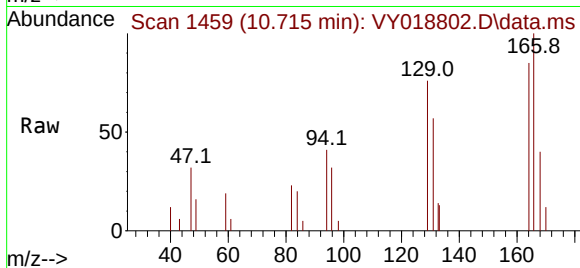
Tgt Ion: 117 Resp: 109484
Ion Ratio Lower Upper
117 100
82 48.6 42.4 63.6
119 29.1 25.9 38.9



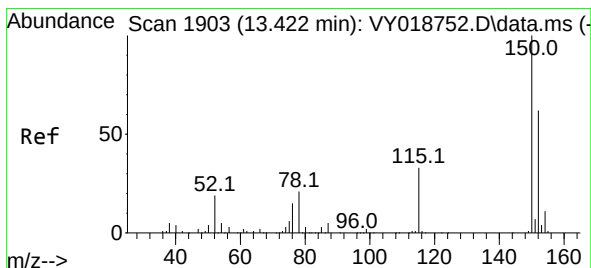
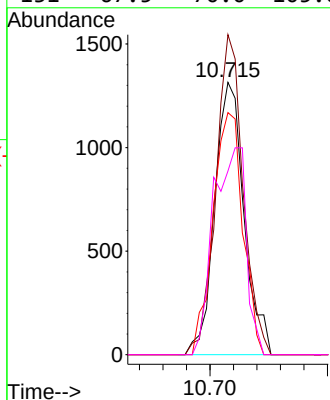
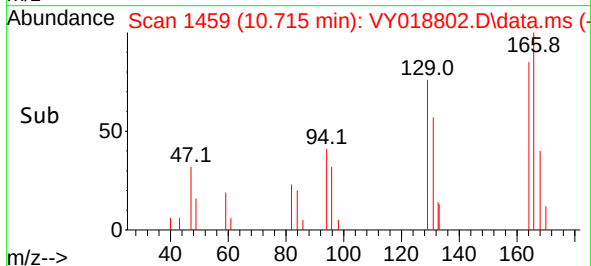


#64
Tetrachloroethene
Concen: 2.581 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY018802.D
Acq: 12 Jul 2024 17:05

Instrument :
MSVOA_Y
ClientSampleId :

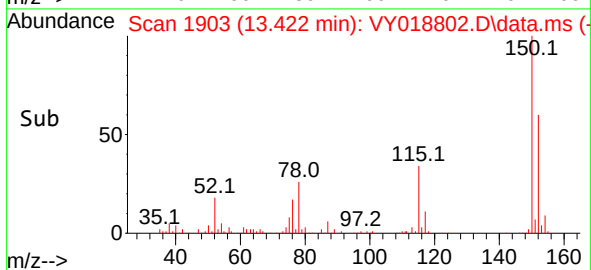
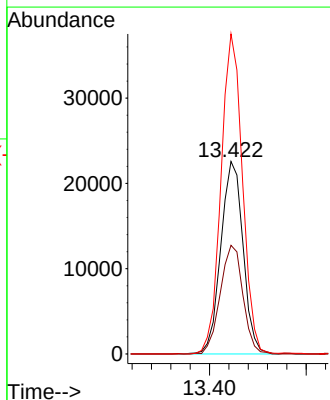
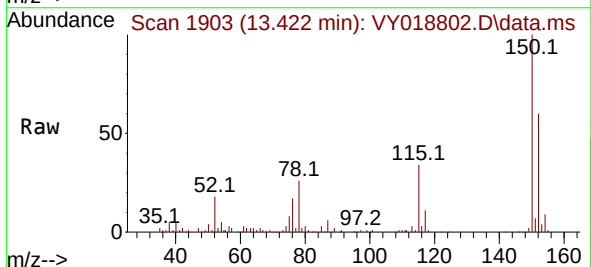


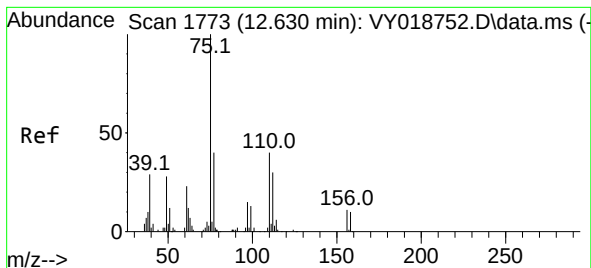
Tgt Ion:164 Resp: 2287
Ion Ratio Lower Upper
164 100
166 117.5 102.6 154.0
129 88.9 72.0 108.0
131 67.5 70.0 105.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY018802.D
Acq: 12 Jul 2024 17:05

Tgt Ion:152 Resp: 36067
Ion Ratio Lower Upper
152 100
115 57.4 28.2 84.7
150 159.8 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 80.975 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.153 min

Lab File: VY018802.D

Acq: 12 Jul 2024 17:05

Instrument :

MSVOA_Y

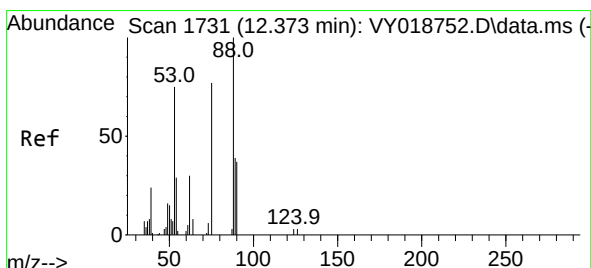
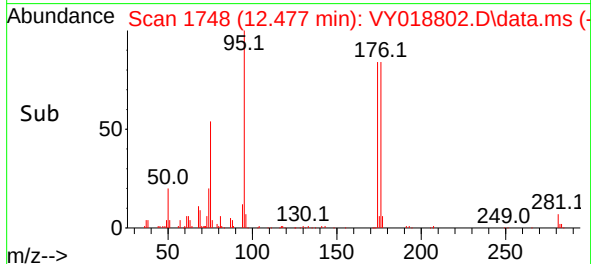
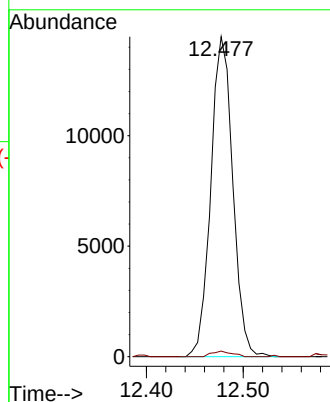
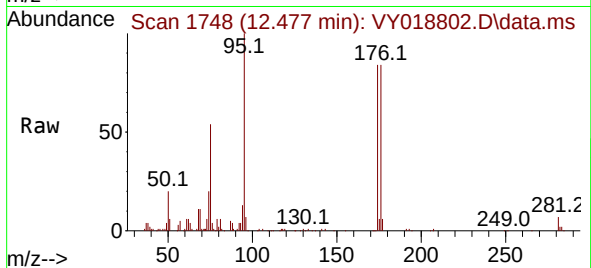
ClientSampleId :

Tgt Ion: 75 Resp: 22874

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 181.226 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.104 min

Lab File: VY018802.D

Acq: 12 Jul 2024 17:05

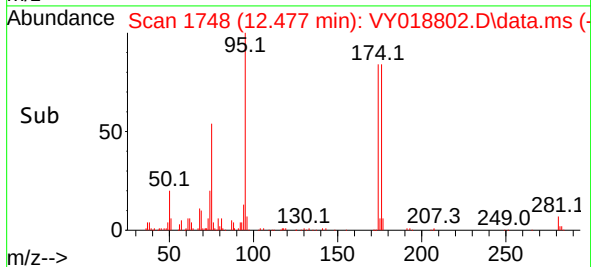
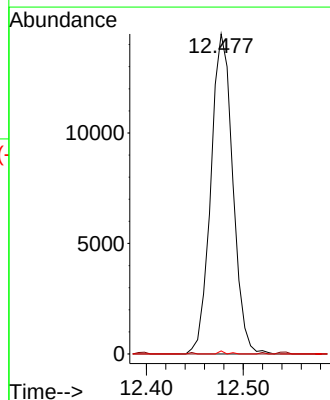
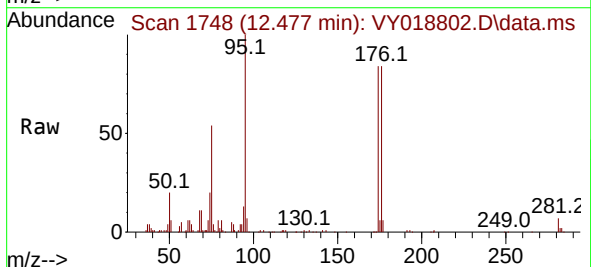
Tgt Ion: 75 Resp: 22874

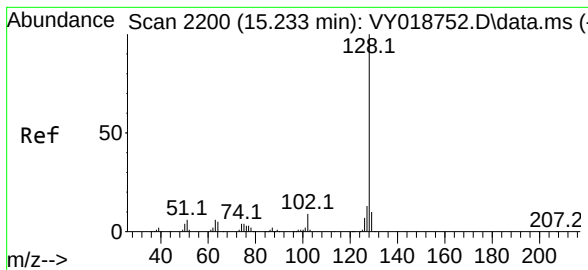
Ion Ratio Lower Upper

75 100

53 0.0 66.8 100.2#

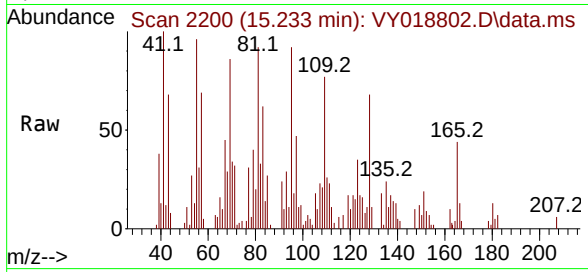
89 0.3 35.8 53.6#





#95
Naphthalene
Concen: 3.045 ug/l
RT: 15.233 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY018802.D
Acq: 12 Jul 2024 17:05

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:	128	Resp:	3409
Ion	Ratio	Lower	Upper
128	100		
127	22.7	10.6	16.0#
129	8.9	8.6	13.0

