

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101424\
 Data File : VY019889.D
 Acq On : 14 Oct 2024 14:08
 Operator : SY/MD
 Sample : P4385-02
 Misc : 7.63g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 15 01:36:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 05:30:07 2024
 Response via : Initial Calibration

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

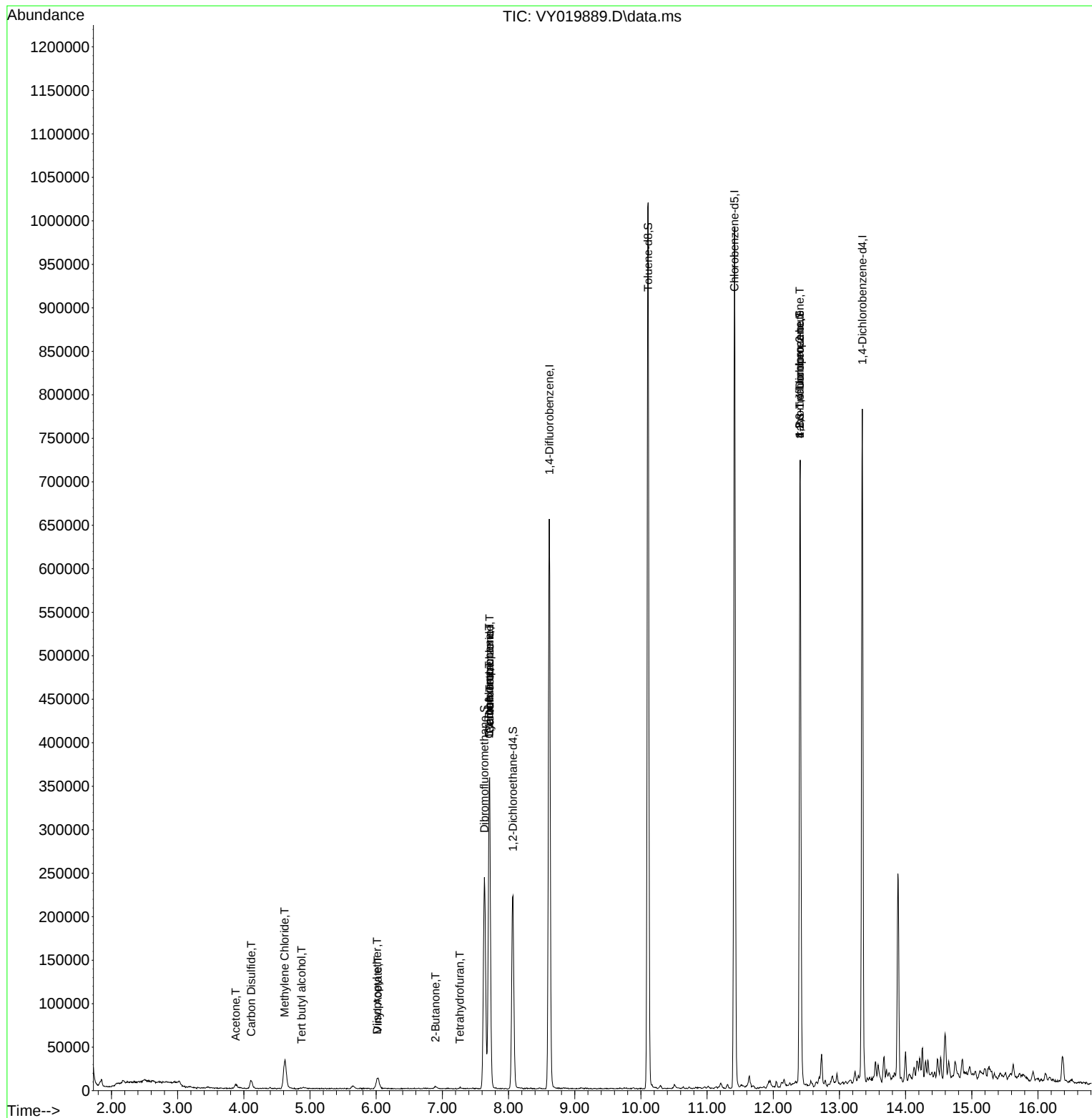
Internal Standards						
1) Pentafluorobenzene	7.713	168	252165	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	523891	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	471714	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	175128	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	177217	57.077	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.160%			
35) Dibromofluoromethane	7.634	113	171944	49.736	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.480%			
50) Toluene-d8	10.109	98	640644	50.181	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.360%			
62) 4-Bromofluorobenzene	12.402	95	203661	44.150	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 88.300%			
Target Compounds			Qvalue			
11) Tert butyl alcohol	4.872	59	1233	4.239	ug/l	# 93
16) Acetone	3.879	43	8479	10.491	ug/l	# 73
17) Carbon Disulfide	4.110	76	17568	2.423	ug/l	95
20) Methylene Chloride	4.616	84	23306	7.112	ug/l	# 84
22) Diisopropyl ether	6.012	45	16618	1.563	ug/l	# 84
23) Vinyl Acetate	6.025	43	8774	1.440	ug/l	# 67
25) 2-Butanone	6.896	43	1800	1.664	ug/l	# 76
29) Tetrahydrofuran	7.262	42	801	1.297	ug/l	# 78
31) Cyclohexane	7.707	56	7567	1.459	ug/l	# 48
36) 1,1-Dichloropropene	7.707	75	24562	4.932	ug/l	# 49
38) Carbon Tetrachloride	7.713	117	30017	5.622	ug/l	# 19
76) 1,2,3-Trichloropropane	12.402	75	117691	34.305	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.402	75	117691	138.467	ug/l	# 16

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

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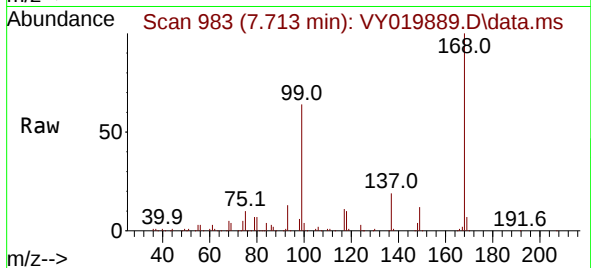
Quant Time: Oct 15 01:36:53 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 10 05:30:07 2024
Response via : Initial Calibration



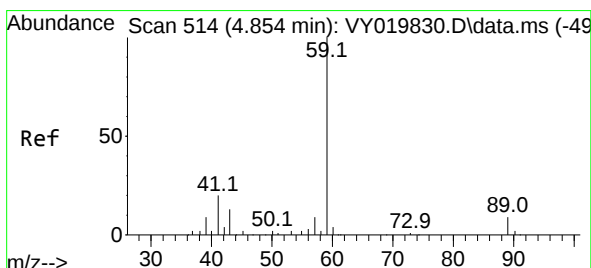
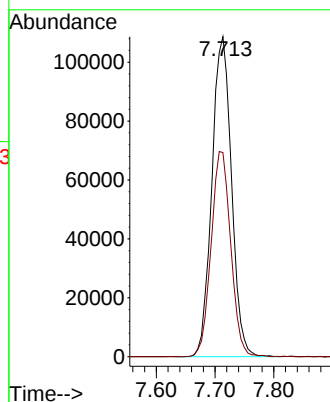
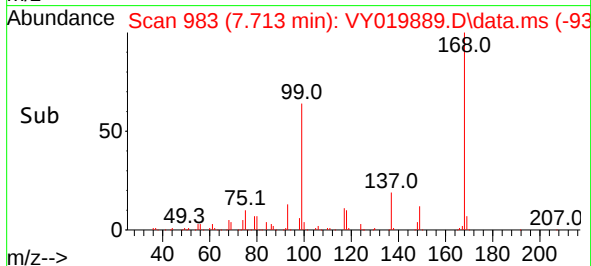


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019889.D
Acq: 14 Oct 2024 14:08

Instrument :
MSVOA_Y
ClientSampleId :

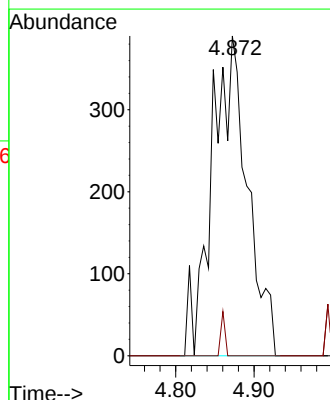
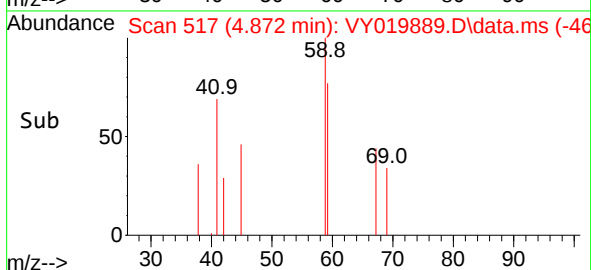
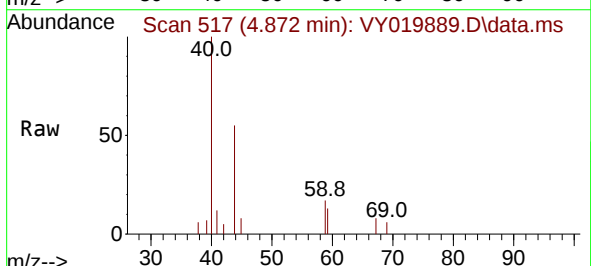


Tgt Ion:168 Resp: 252165
Ion Ratio Lower Upper
168 100
99 63.8 39.1 58.7#



#11
Tert butyl alcohol
Concen: 4.239 ug/l
RT: 4.872 min Scan# 517
Delta R.T. 0.013 min
Lab File: VY019889.D
Acq: 14 Oct 2024 14:08

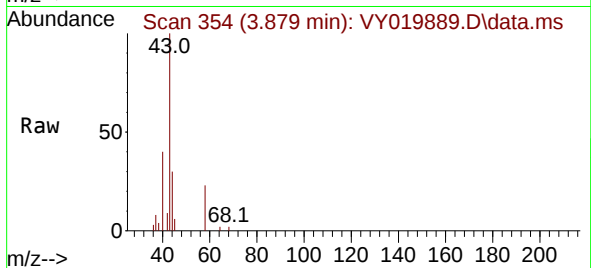
Tgt Ion: 59 Resp: 1233
Ion Ratio Lower Upper
59 100
57 1.6 3.0 4.6#



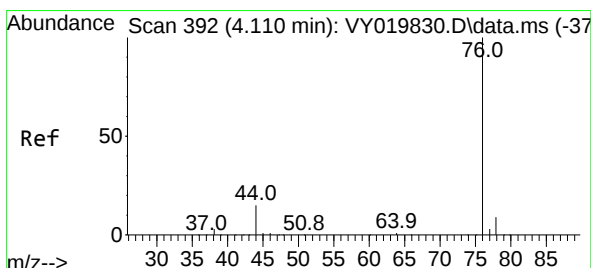
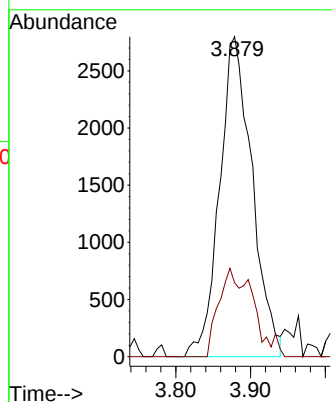
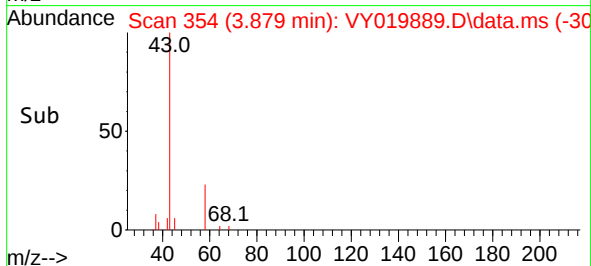


#16
Acetone
Concen: 10.491 ug/l
RT: 3.879 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY019889.D
Acq: 14 Oct 2024 14:08

Instrument :
MSVOA_Y
ClientSampleId :

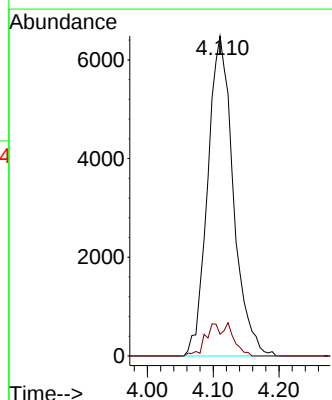
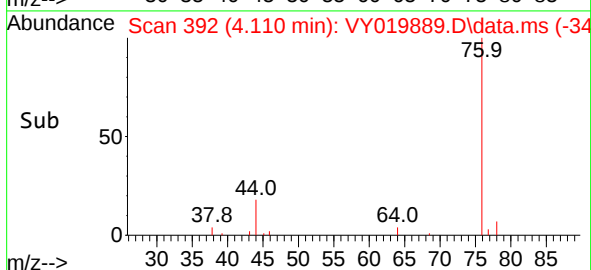
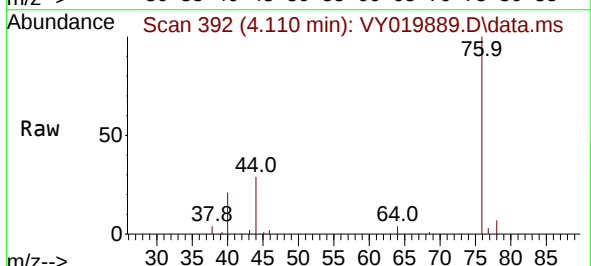


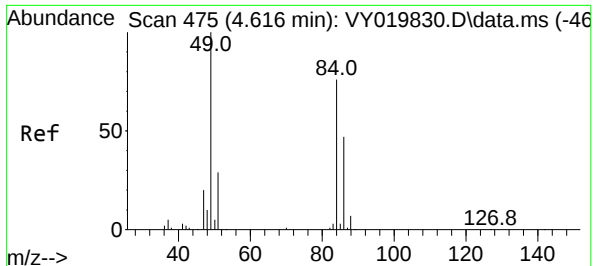
Tgt Ion: 43 Resp: 8479
Ion Ratio Lower Upper
43 100
58 23.1 31.7 47.5#



#17
Carbon Disulfide
Concen: 2.423 ug/l
RT: 4.110 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY019889.D
Acq: 14 Oct 2024 14:08

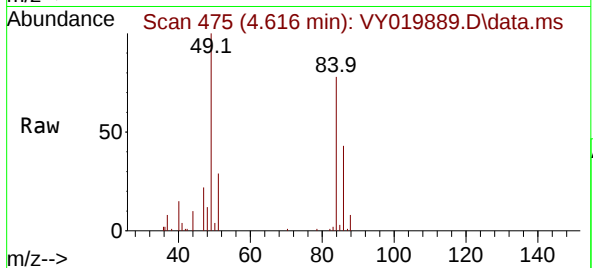
Tgt Ion: 76 Resp: 17568
Ion Ratio Lower Upper
76 100
78 6.8 6.8 10.2



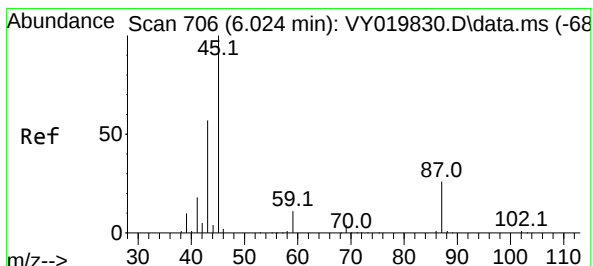
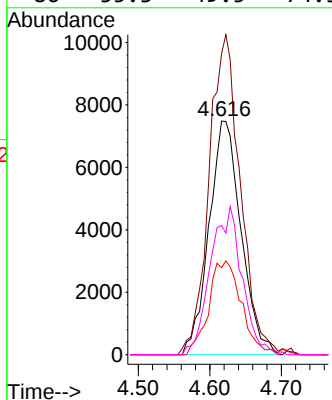
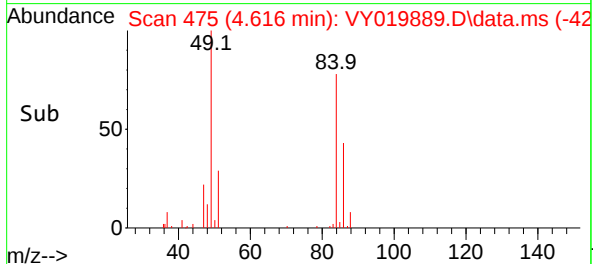


#20
Methylene Chloride
Concen: 7.112 ug/l
RT: 4.616 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY019889.D
Acq: 14 Oct 2024 14:08

Instrument :
MSVOA_Y
ClientSampleId :

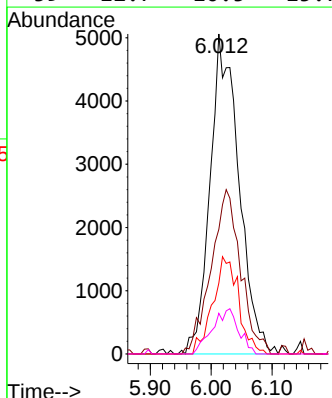
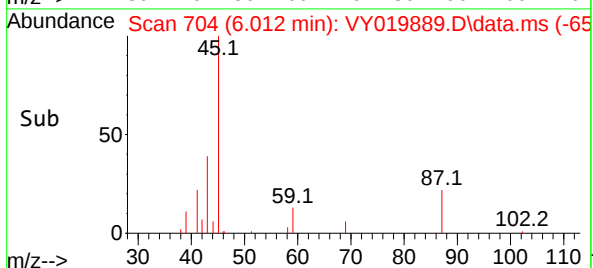
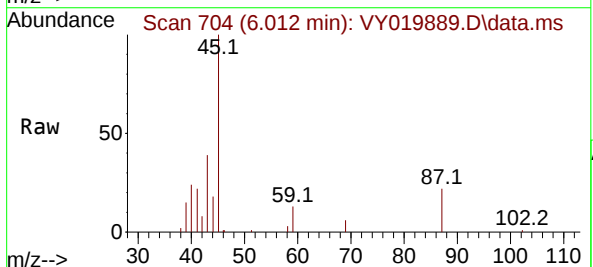


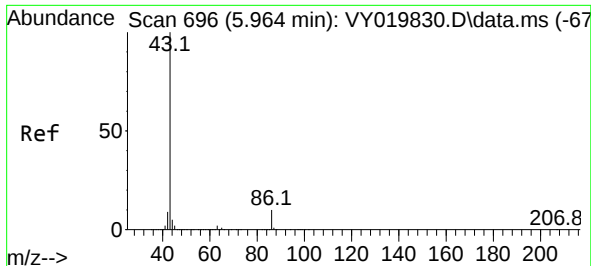
Tgt Ion:	84	Resp:	23306
Ion	Ratio	Lower	Upper
84	100		
49	128.8	84.4	126.6#
51	37.2	26.0	39.0
86	55.3	49.5	74.3



#22
Diisopropyl ether
Concen: 1.563 ug/l
RT: 6.012 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY019889.D
Acq: 14 Oct 2024 14:08

Tgt Ion:	45	Resp:	16618
Ion	Ratio	Lower	Upper
45	100		
43	39.0	42.2	63.2#
87	22.2	25.0	37.6#
59	12.7	10.5	15.7

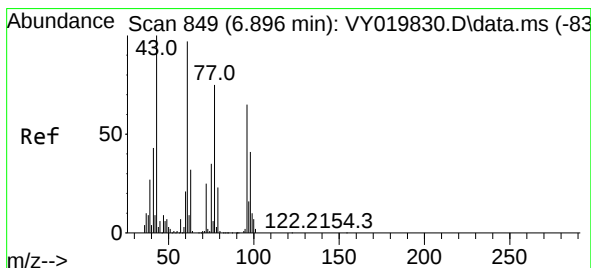
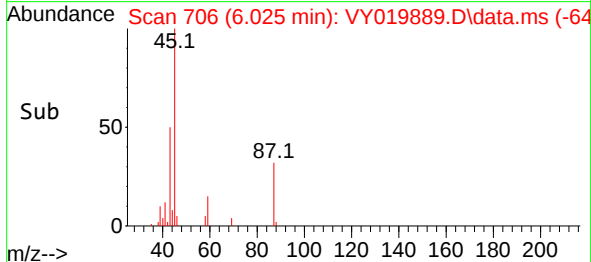
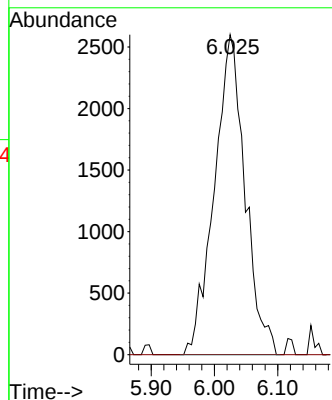
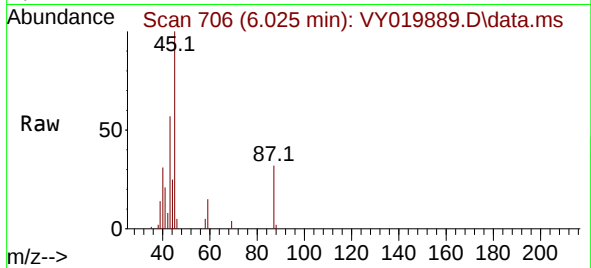




#23
 Vinyl Acetate
 Concen: 1.440 ug/l
 RT: 6.025 min Scan# 706
 Delta R.T. 0.067 min
 Lab File: VY019889.D
 Acq: 14 Oct 2024 14:08

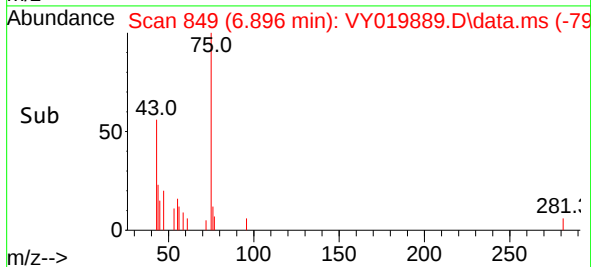
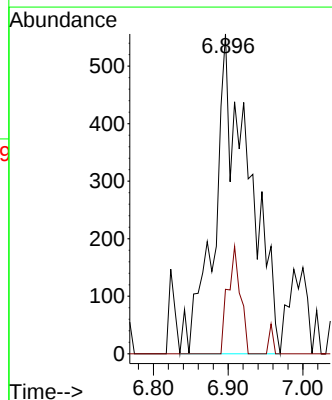
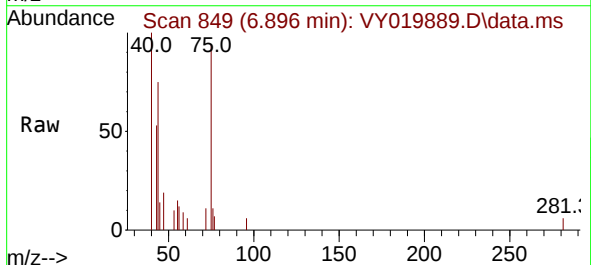
Instrument :
 MSVOA_Y
 ClientSampleId :

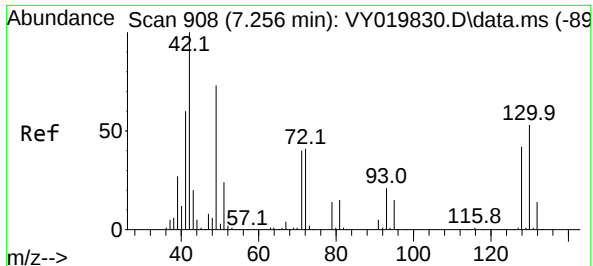
Tgt Ion: 43 Resp: 8774
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.6 16.0#



#25
 2-Butanone
 Concen: 1.664 ug/l
 RT: 6.896 min Scan# 849
 Delta R.T. 0.006 min
 Lab File: VY019889.D
 Acq: 14 Oct 2024 14:08

Tgt Ion: 43 Resp: 1800
 Ion Ratio Lower Upper
 43 100
 72 20.1 27.3 40.9#

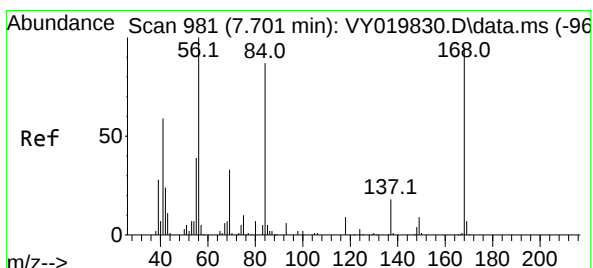
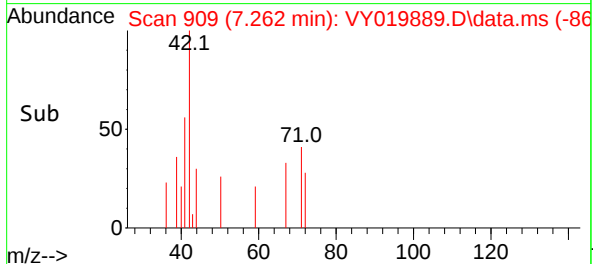
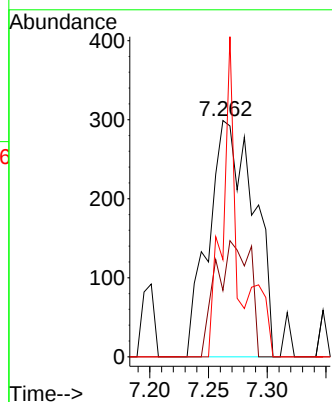
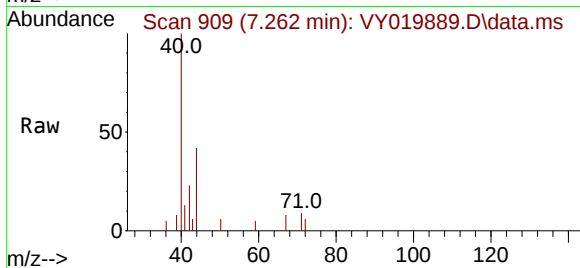




#29
Tetrahydrofuran
Concen: 1.297 ug/l
RT: 7.262 min Scan# 909
Delta R.T. 0.000 min
Lab File: VY019889.D
Acq: 14 Oct 2024 14:08

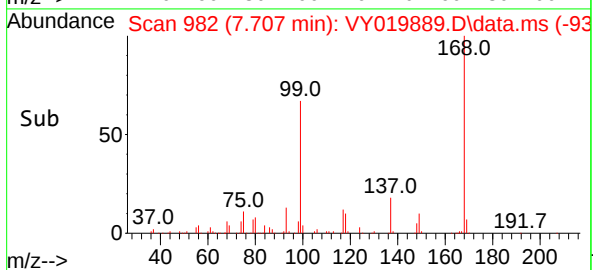
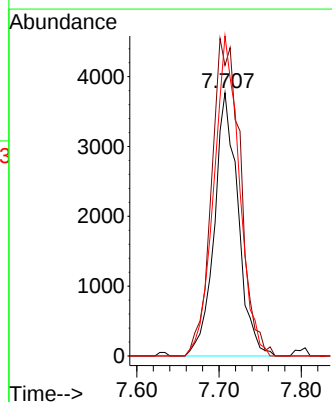
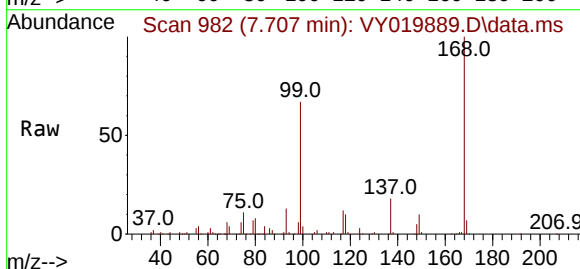
Instrument :
MSVOA_Y
ClientSampleId :

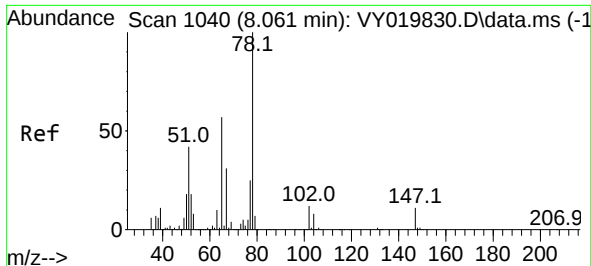
Tgt Ion: 42 Resp: 801
Ion Ratio Lower Upper
42 100
72 36.8 43.0 64.4#
71 37.2 40.8 61.2#



#31
Cyclohexane
Concen: 1.459 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY019889.D
Acq: 14 Oct 2024 14:08

Tgt Ion: 56 Resp: 7567
Ion Ratio Lower Upper
56 100
69 110.4 28.7 43.1#
84 121.6 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 57.077 ug/l

RT: 8.067 min Scan# 11041

Delta R.T. 0.006 min

Lab File: VY019889.D

Acq: 14 Oct 2024 14:08

Instrument :

MSVOA_Y

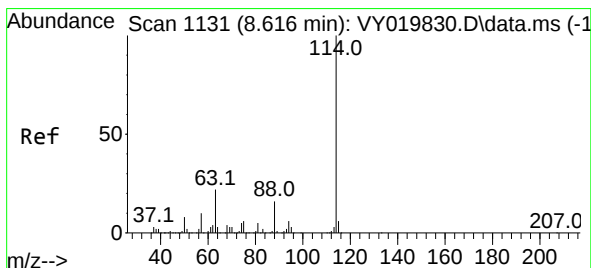
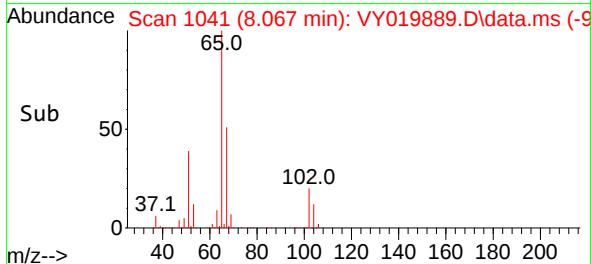
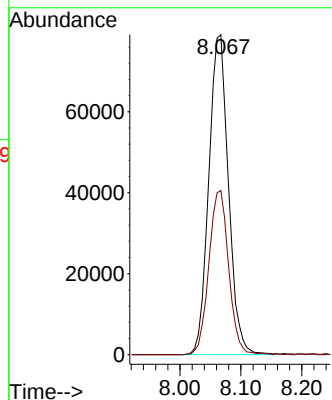
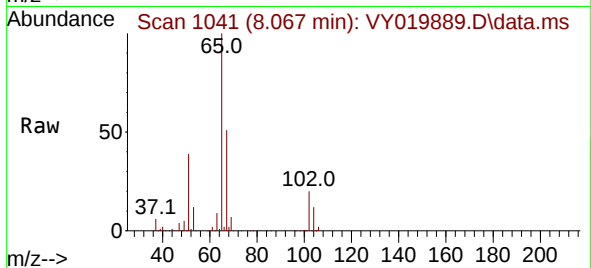
ClientSampleId :

Tgt Ion: 65 Resp: 177217

Ion Ratio Lower Upper

65 100

67 51.8 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019889.D

Acq: 14 Oct 2024 14:08

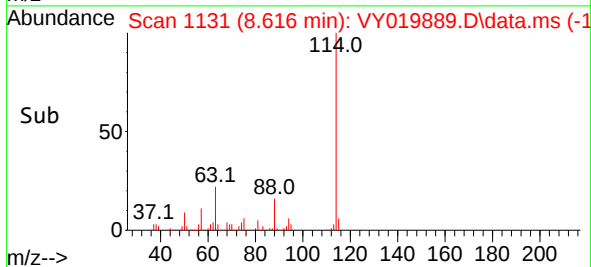
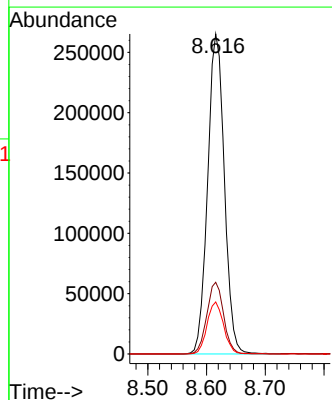
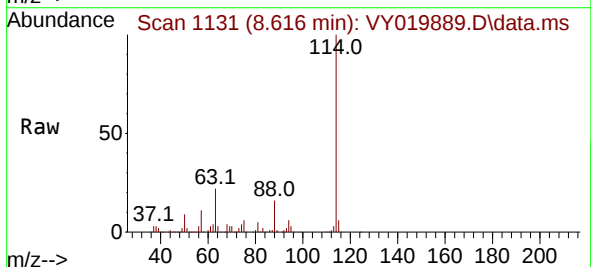
Tgt Ion: 114 Resp: 523891

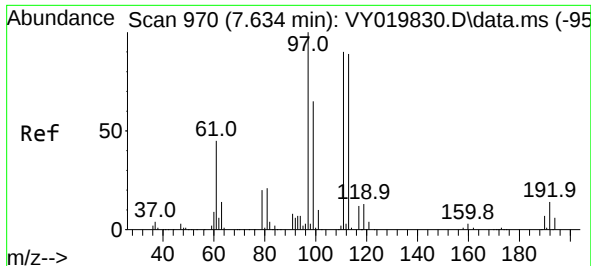
Ion Ratio Lower Upper

114 100

63 22.4 0.0 35.0

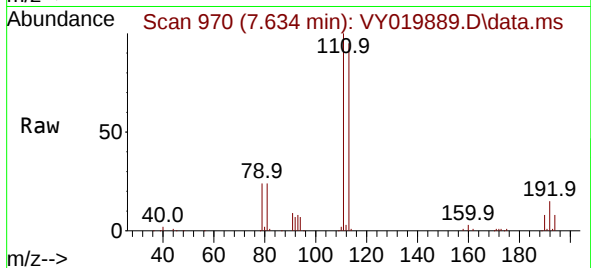
88 16.3 0.0 27.2



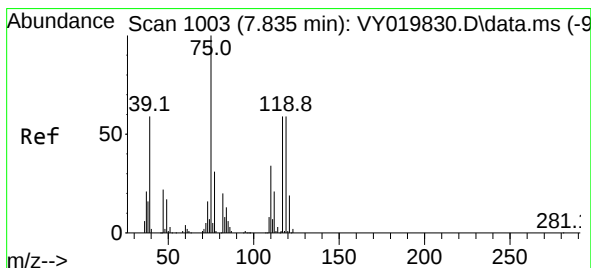
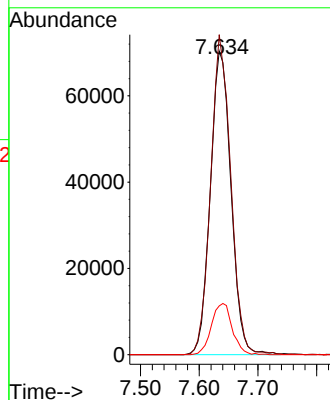
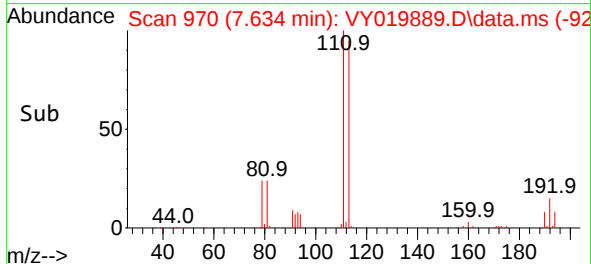


#35
Dibromofluoromethane
Concen: 49.736 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019889.D
Acq: 14 Oct 2024 14:08

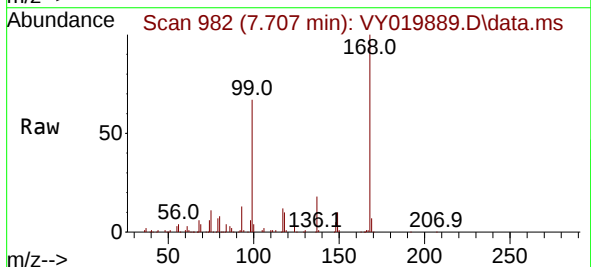
Instrument :
MSVOA_Y
ClientSampleId :



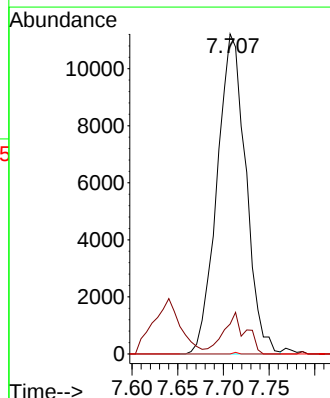
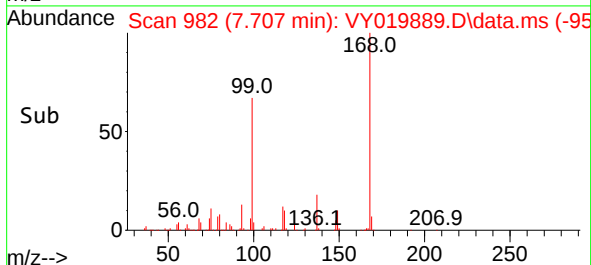
Tgt Ion:113 Resp: 171944
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.4
192 17.0 15.9 23.9

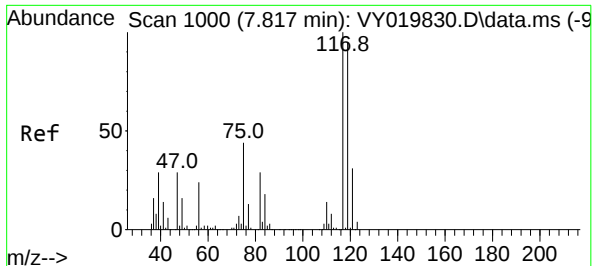


#36
1,1-Dichloropropene
Concen: 4.932 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY019889.D
Acq: 14 Oct 2024 14:08



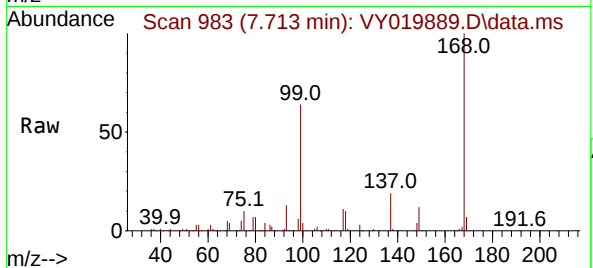
Tgt Ion: 75 Resp: 24562
Ion Ratio Lower Upper
75 100
110 10.2 19.0 57.0#
77 0.1 25.3 37.9#



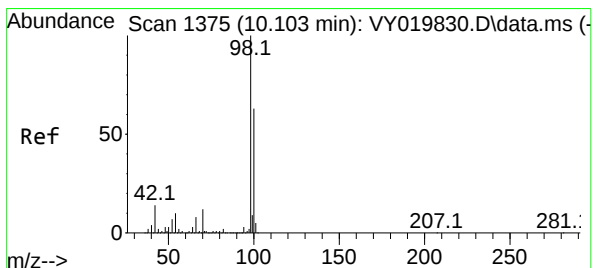
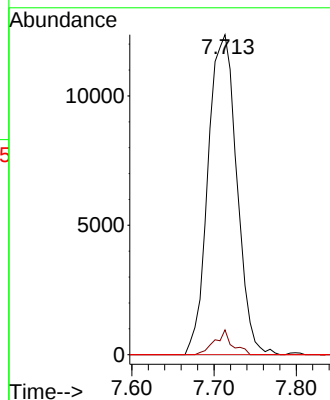
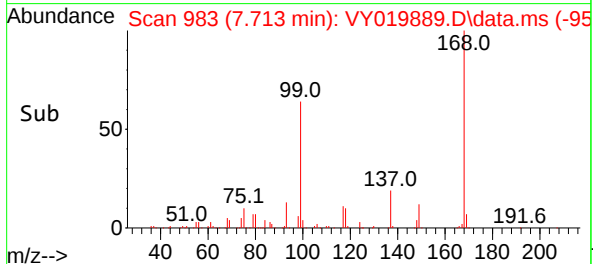


#38
Carbon Tetrachloride
Concen: 5.622 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY019889.D
Acq: 14 Oct 2024 14:08

Instrument :
MSVOA_Y
ClientSampleId :

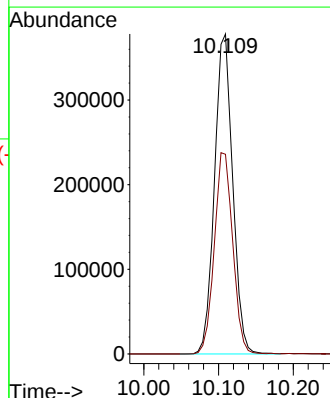
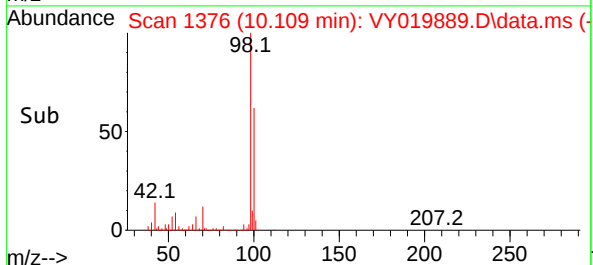
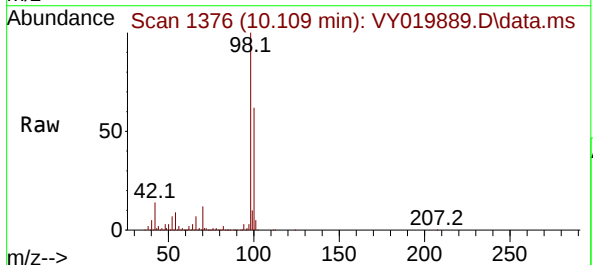


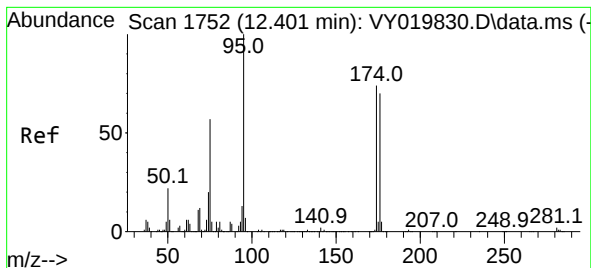
Tgt Ion:117 Resp: 30017
Ion Ratio Lower Upper
117 100
119 7.7 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 50.181 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY019889.D
Acq: 14 Oct 2024 14:08

Tgt Ion: 98 Resp: 640644
Ion Ratio Lower Upper
98 100
100 63.7 52.0 78.0

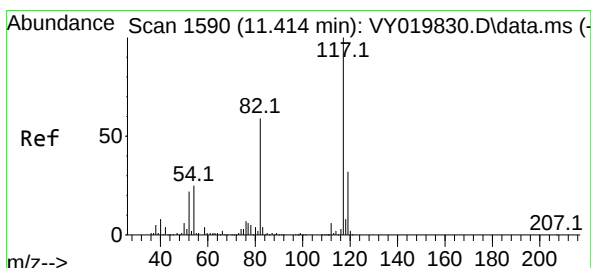
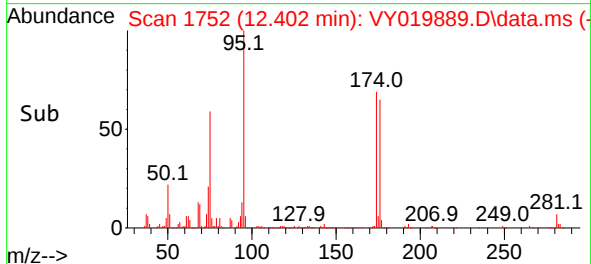
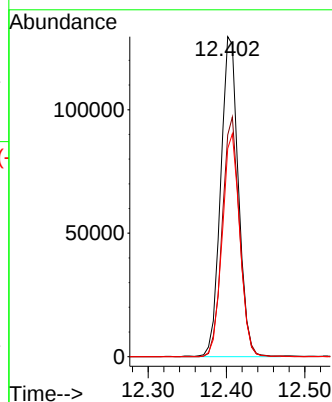
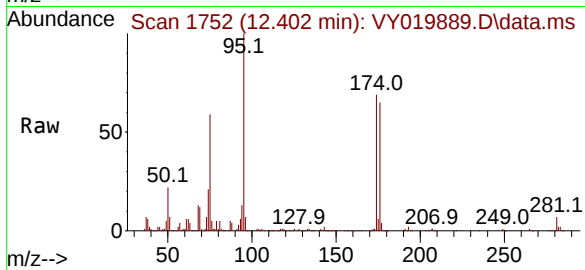




#62
4-Bromofluorobenzene
Concen: 44.150 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019889.D
Acq: 14 Oct 2024 14:08

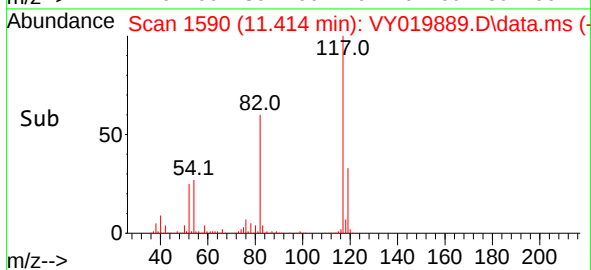
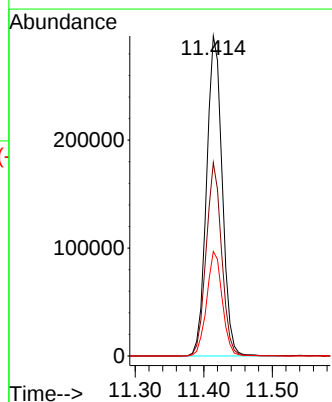
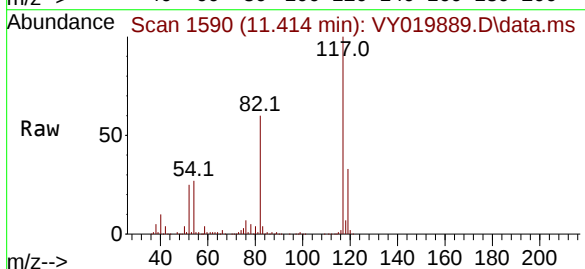
Instrument :
MSVOA_Y
ClientSampleId :

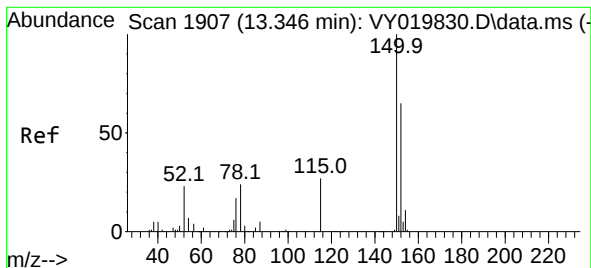
Tgt Ion: 95 Resp: 203661
Ion Ratio Lower Upper
95 100
174 73.2 0.0 175.6
176 69.2 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019889.D
Acq: 14 Oct 2024 14:08

Tgt Ion: 117 Resp: 471714
Ion Ratio Lower Upper
117 100
82 60.4 42.4 63.6
119 32.7 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019889.D

Acq: 14 Oct 2024 14:08

Instrument :

MSVOA_Y

ClientSampleId :

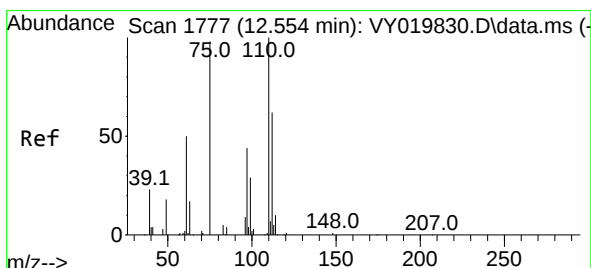
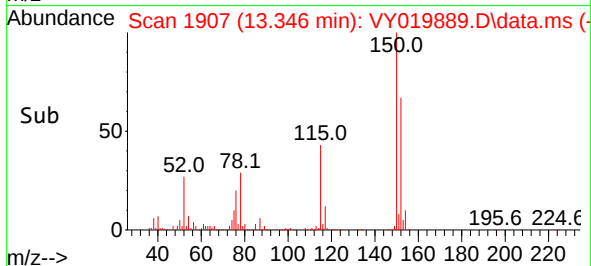
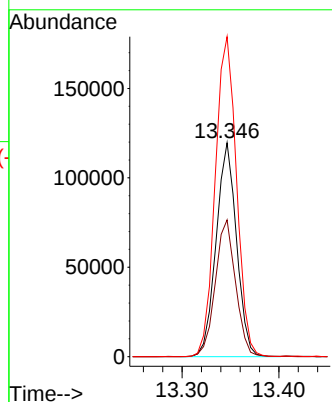
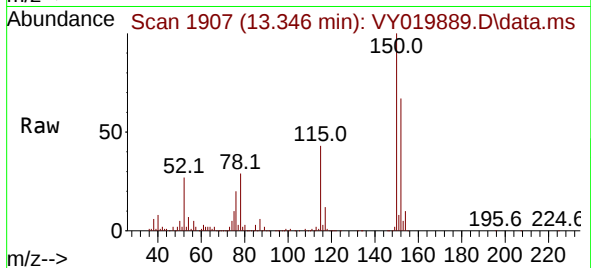
Tgt Ion:152 Resp: 175128

Ion Ratio Lower Upper

152 100

115 64.0 28.2 84.7

150 155.7 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 34.305 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.158 min

Lab File: VY019889.D

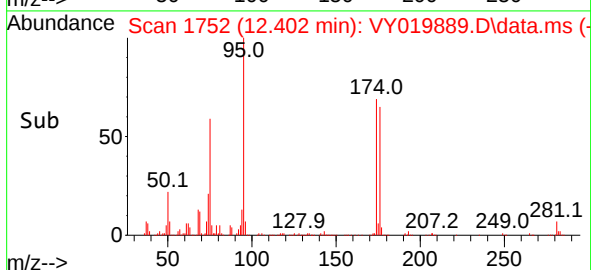
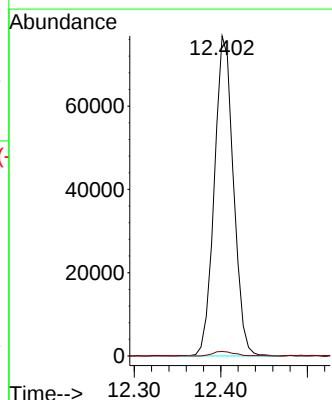
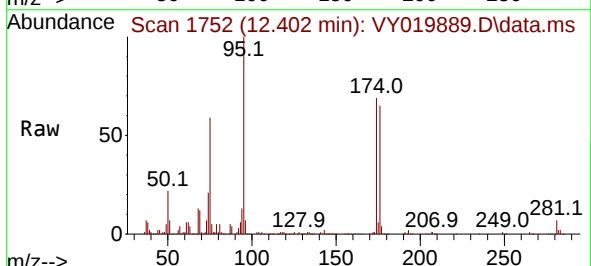
Acq: 14 Oct 2024 14:08

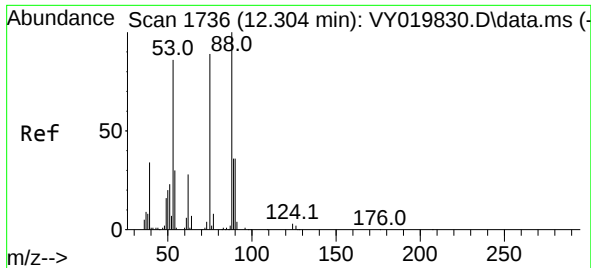
Tgt Ion: 75 Resp: 117691

Ion Ratio Lower Upper

75 100

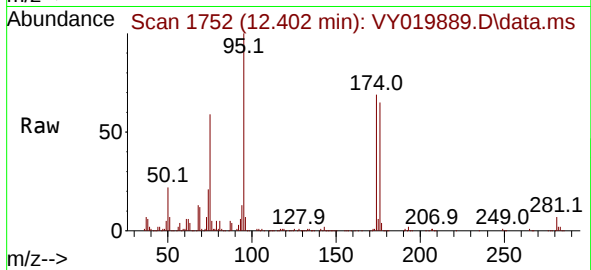
77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 138.467 ug/l
 RT: 12.402 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY019889.D
 Acq: 14 Oct 2024 14:08

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 117691
 Ion Ratio Lower Upper
 75 100
 53 0.2 66.8 100.2#
 89 0.6 35.8 53.6#

