

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081924\
 Data File : VY019126.D
 Acq On : 19 Aug 2024 19:01
 Operator : SY/MD
 Sample : P3641-02
 Misc : 6.32g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 20 01:49:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

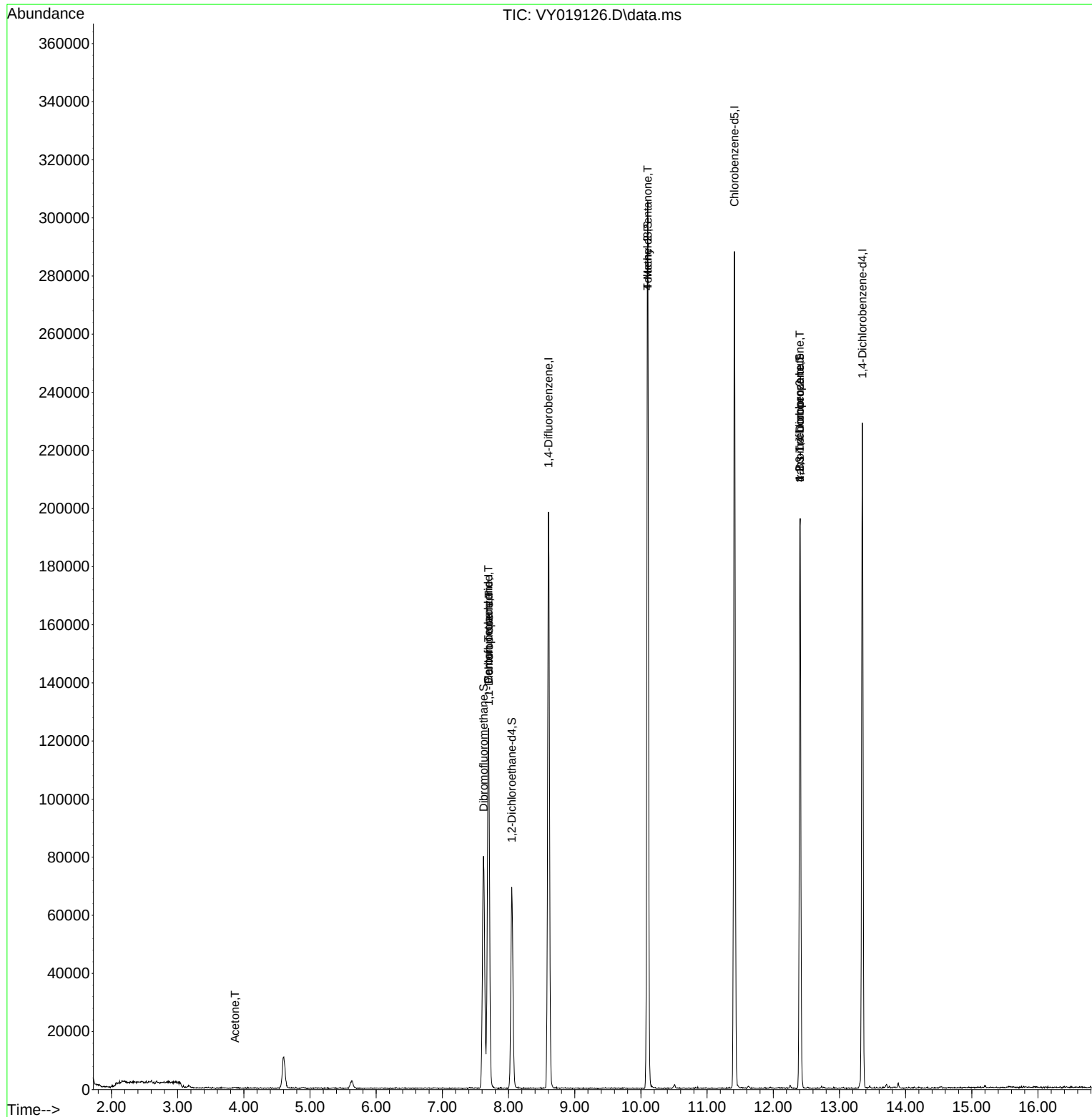
Internal Standards						
1) Pentafluorobenzene	7.695	168	97852	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	173303	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	154788	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	54527	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	52883	53.913	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.820%	
35) Dibromofluoromethane	7.622	113	55320	48.819	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.640%	
50) Toluene-d8	10.103	98	194916	47.799	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 95.600%	
62) 4-Bromofluorobenzene	12.401	95	58295	41.935	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 83.860%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.604	94	134	Below Cal		100
6) Chloroethane	2.702	64	26	Below Cal	#	42
13) Acrolein	3.897	56	41	Below Cal	#	15
16) Acetone	3.866	43	461	2.534	ug/l #	36
20) Methylene Chloride	4.604	84	7925	Below Cal		95
31) Cyclohexane	7.701	56	2173	Below Cal	#	8
36) 1,1-Dichloropropene	7.701	75	7319	4.704	ug/l #	49
38) Carbon Tetrachloride	7.695	117	9636	5.344	ug/l #	17
51) 4-Methyl-2-Pentanone	10.103	43	838	1.132	ug/l #	1
76) 1,2,3-Trichloropropane	12.401	75	30989	57.629	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	30989	142.324	ug/l #	16

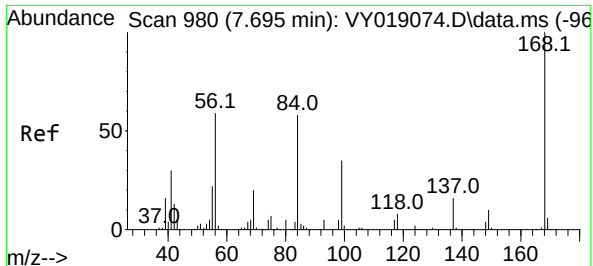
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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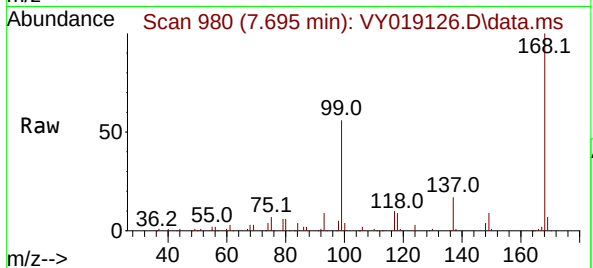
Quant Time: Aug 20 01:49:37 2024
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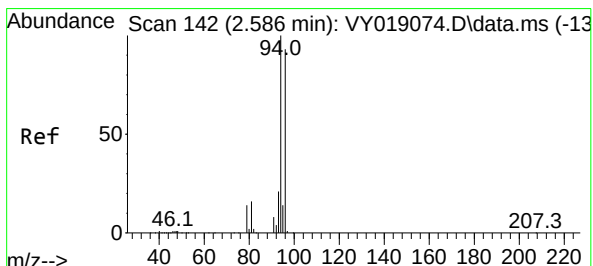
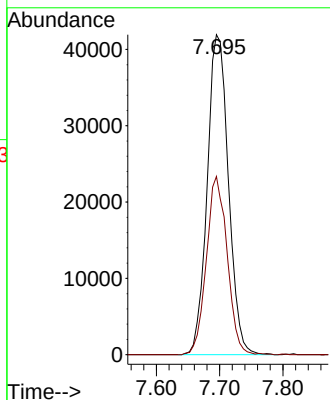
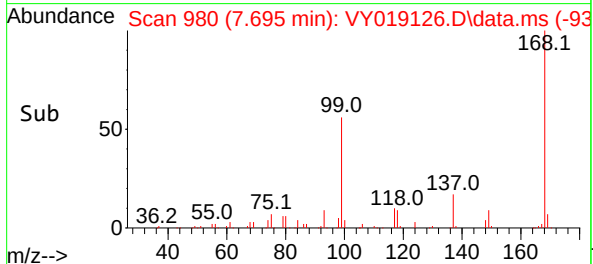


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY019126.D
Acq: 19 Aug 2024 19:01

Instrument :
MSVOA_Y
ClientSampleId :

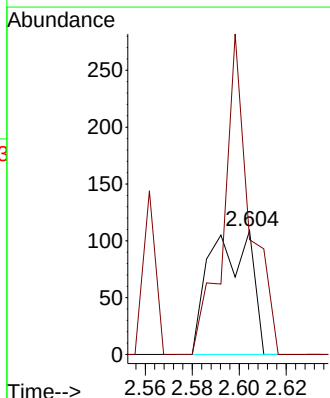
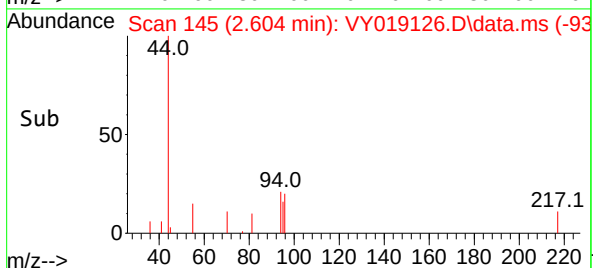
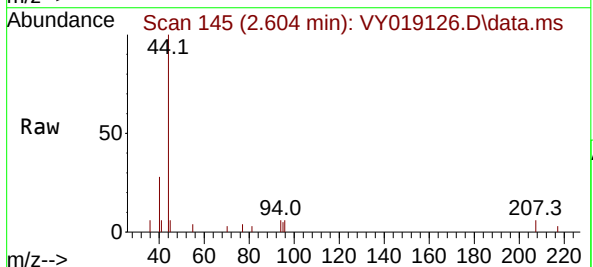


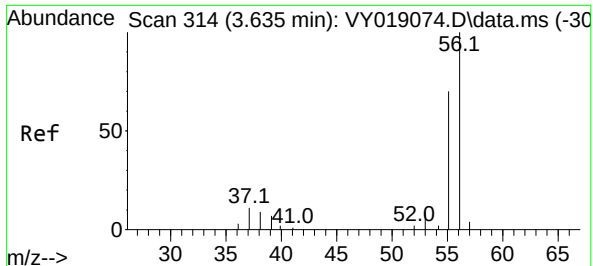
Tgt Ion:168 Resp: 97852
Ion Ratio Lower Upper
168 100
99 55.7 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.604 min Scan# 145
Delta R.T. 0.018 min
Lab File: VY019126.D
Acq: 19 Aug 2024 19:01

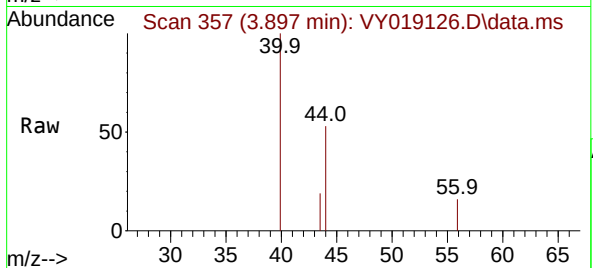
Tgt Ion: 94 Resp: 134
Ion Ratio Lower Upper
94 100
96 92.7 74.1 111.1



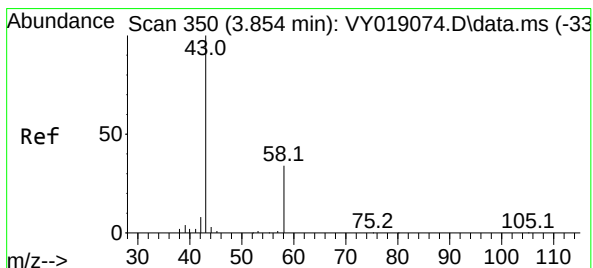
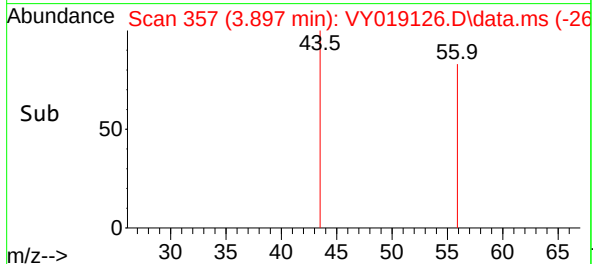
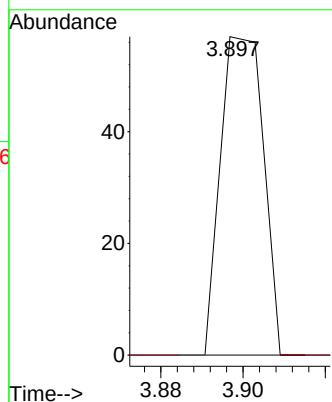


#13
Acrolein
Concen: Below Cal
RT: 3.897 min Scan# 314
Delta R.T. 0.262 min
Lab File: VY019126.D
Acq: 19 Aug 2024 19:01

Instrument :
MSVOA_Y
ClientSampleId :

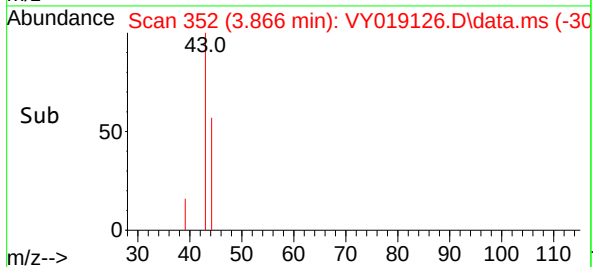
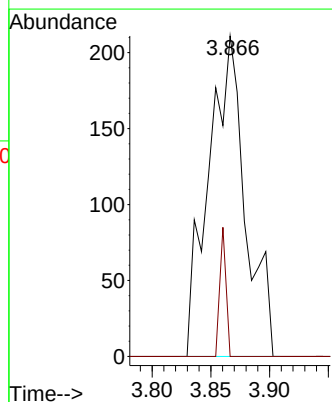
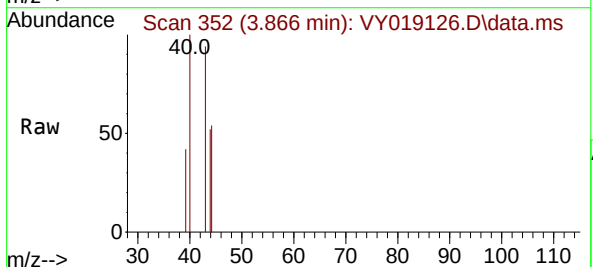


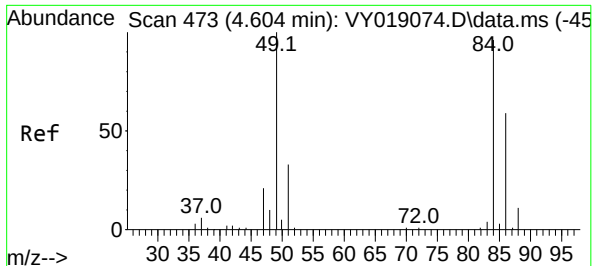
Tgt Ion: 56 Resp: 41
Ion Ratio Lower Upper
56 100
55 0.0 55.7 83.5#



#16
Acetone
Concen: 2.534 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY019126.D
Acq: 19 Aug 2024 19:01

Tgt Ion: 43 Resp: 461
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.604 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY019126.D

Acq: 19 Aug 2024 19:01

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 84 Resp: 7925

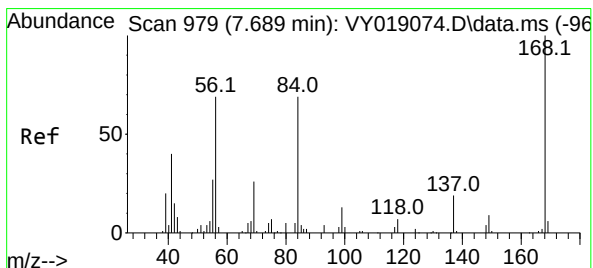
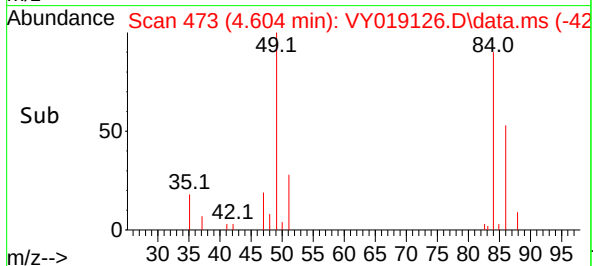
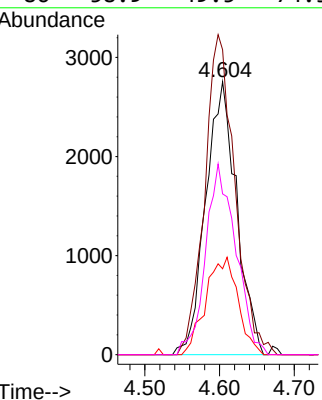
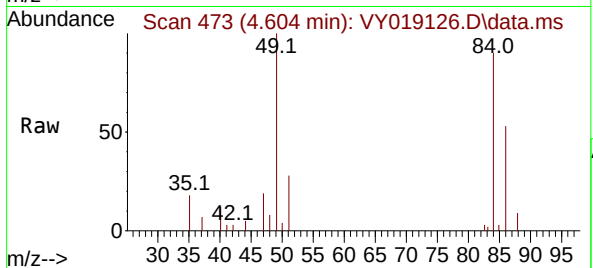
Ion Ratio Lower Upper

84 100

49 111.7 84.4 126.6

51 31.5 26.0 39.0

86 58.9 49.5 74.3



#31

Cyclohexane

Concen: Below Cal

RT: 7.701 min Scan# 981

Delta R.T. 0.012 min

Lab File: VY019126.D

Acq: 19 Aug 2024 19:01

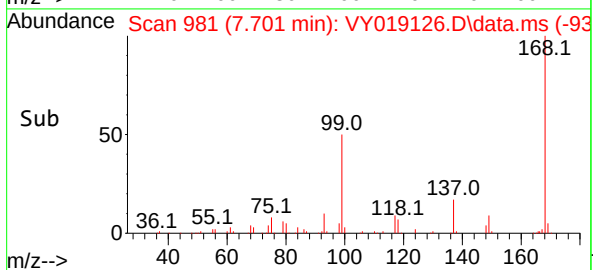
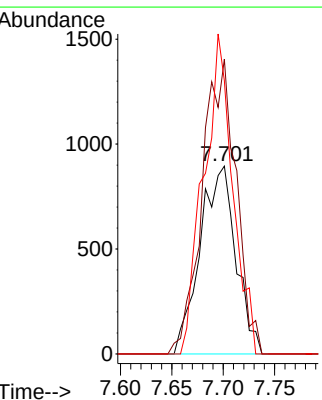
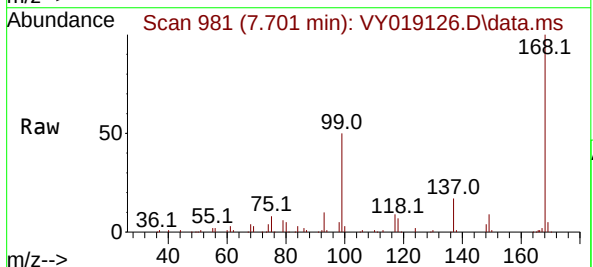
Tgt Ion: 56 Resp: 2173

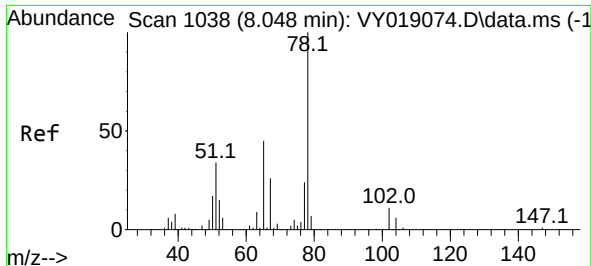
Ion Ratio Lower Upper

56 100

69 157.0 28.7 43.1#

84 145.5 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 53.913 ug/l

RT: 8.049 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY019126.D

Acq: 19 Aug 2024 19:01

Instrument :

MSVOA_Y

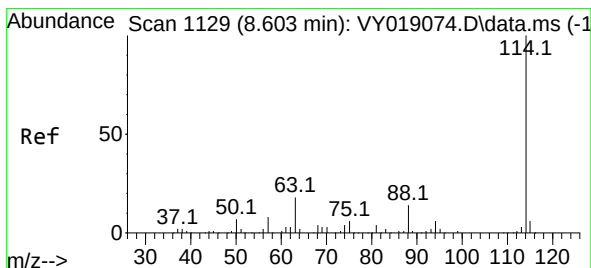
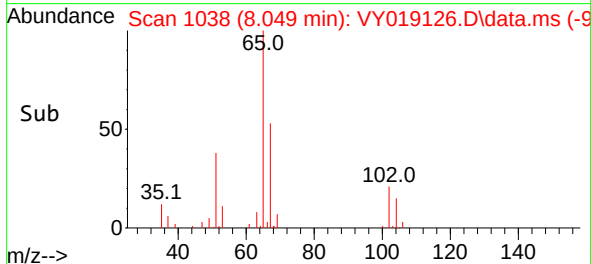
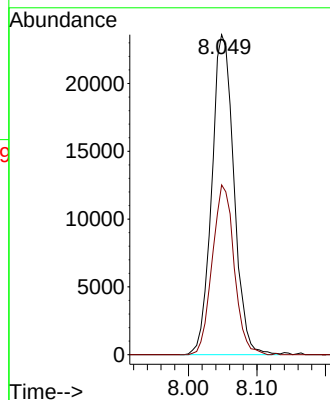
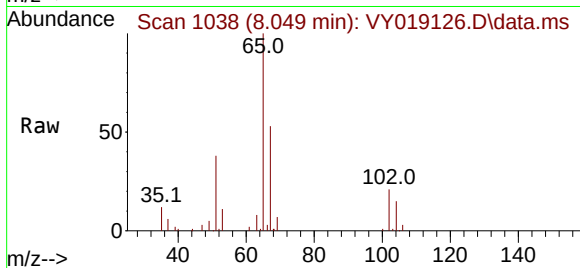
ClientSampleId :

Tgt Ion: 65 Resp: 52883

Ion Ratio Lower Upper

65 100

67 52.5 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.603 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY019126.D

Acq: 19 Aug 2024 19:01

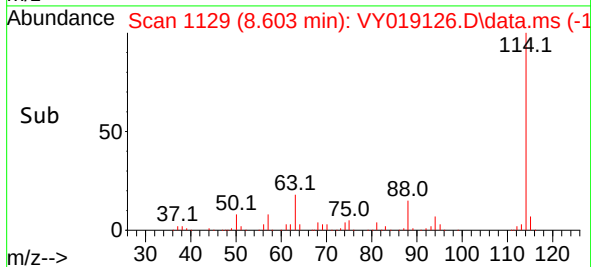
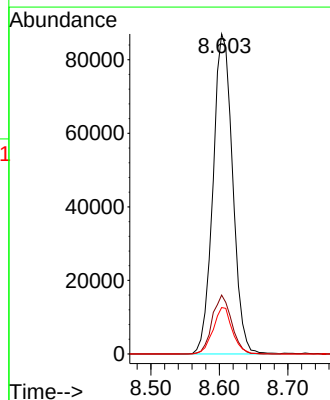
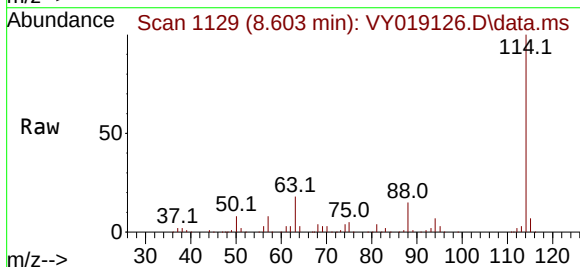
Tgt Ion:114 Resp: 173303

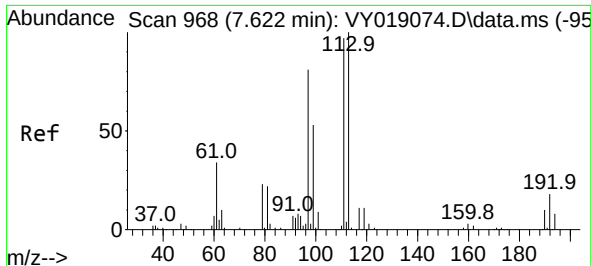
Ion Ratio Lower Upper

114 100

63 18.4 0.0 35.0

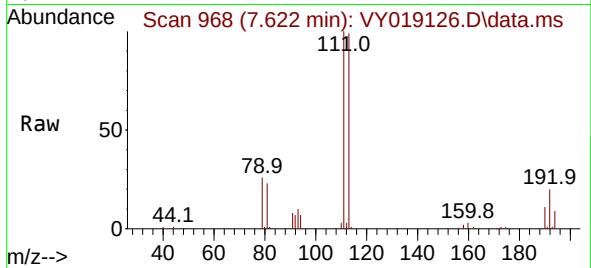
88 14.5 0.0 27.2



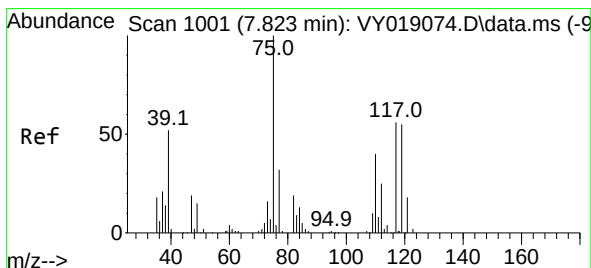
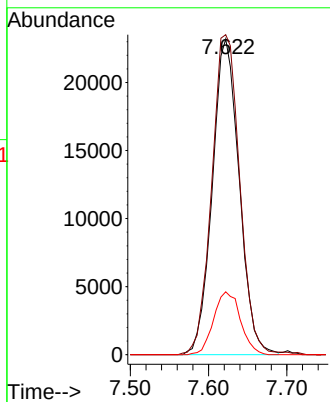
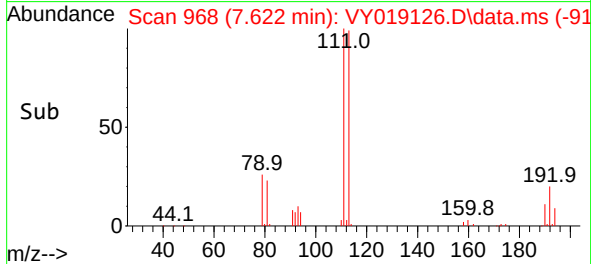


#35
Dibromofluoromethane
Concen: 48.819 ug/l
RT: 7.622 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY019126.D
Acq: 19 Aug 2024 19:01

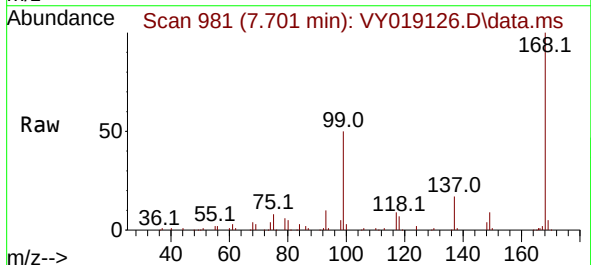
Instrument :
MSVOA_Y
ClientSampleId :



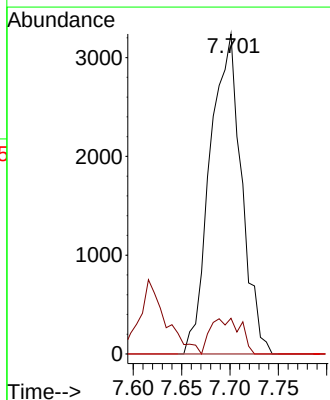
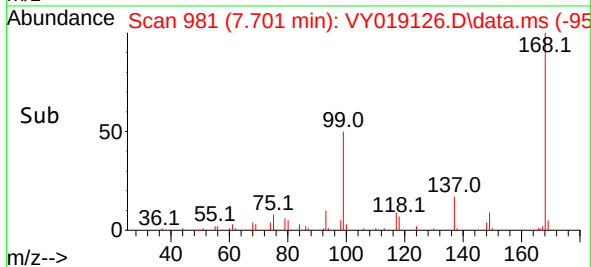
Tgt Ion:113 Resp: 55320
Ion Ratio Lower Upper
113 100
111 105.6 82.2 123.4
192 19.9 15.9 23.9

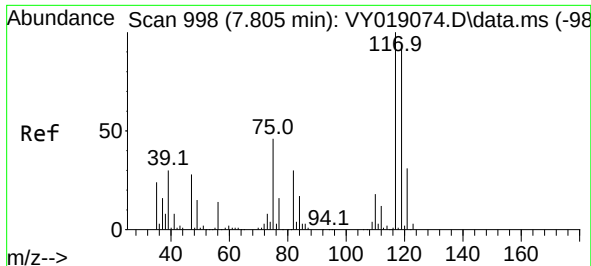


#36
1,1-Dichloropropene
Concen: 4.704 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY019126.D
Acq: 19 Aug 2024 19:01



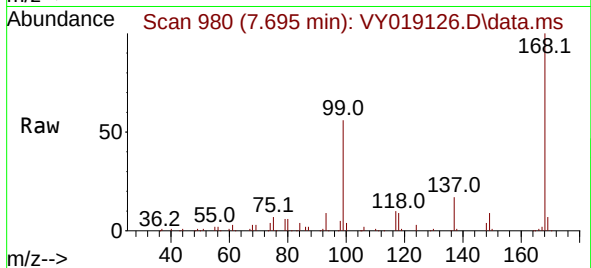
Tgt Ion: 75 Resp: 7319
Ion Ratio Lower Upper
75 100
110 10.8 19.0 57.0#
77 0.0 25.3 37.9#



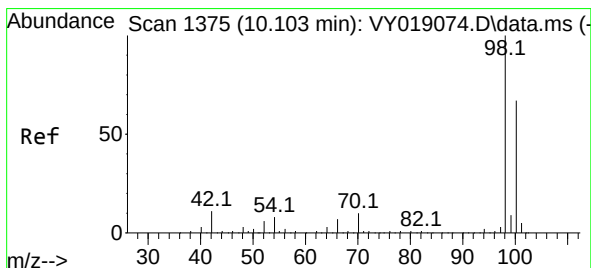
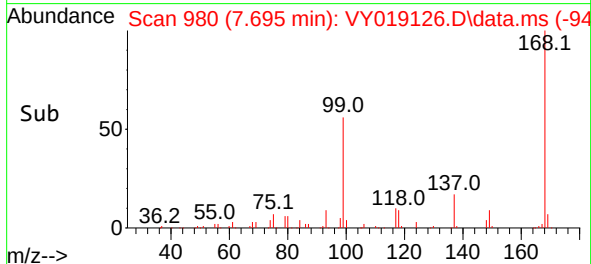
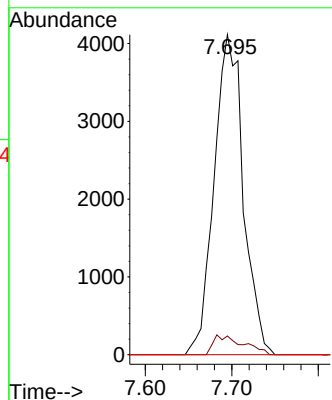


#38
Carbon Tetrachloride
Concen: 5.344 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY019126.D
Acq: 19 Aug 2024 19:01

Instrument :
MSVOA_Y
ClientSampleId :

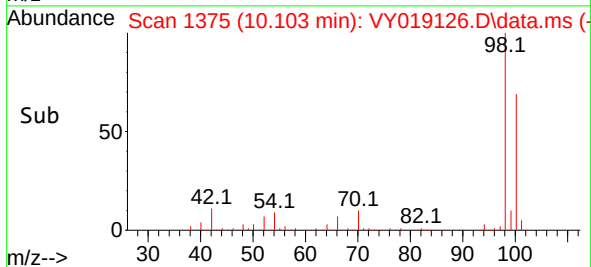
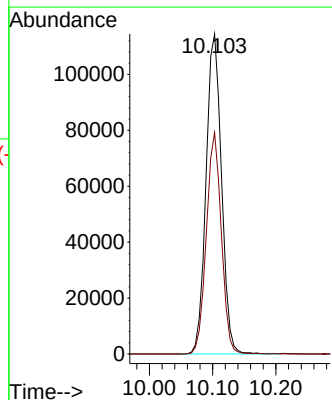
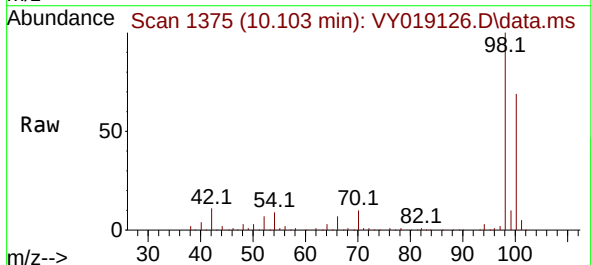


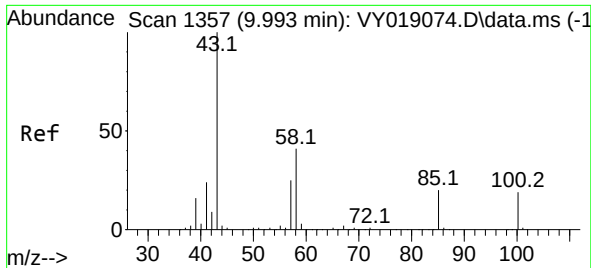
Tgt Ion:117 Resp: 9636
Ion Ratio Lower Upper
117 100
119 5.9 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 47.799 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019126.D
Acq: 19 Aug 2024 19:01

Tgt Ion: 98 Resp: 194916
Ion Ratio Lower Upper
98 100
100 66.9 52.0 78.0

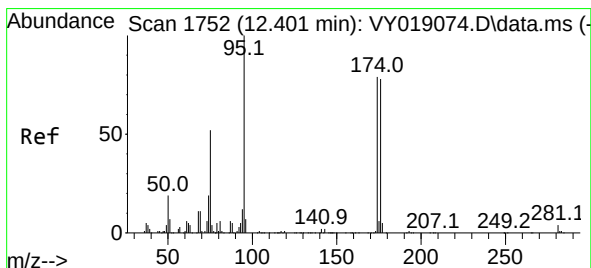
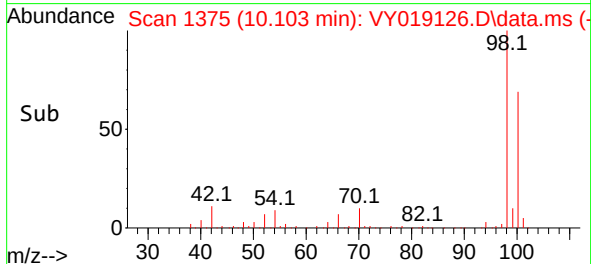
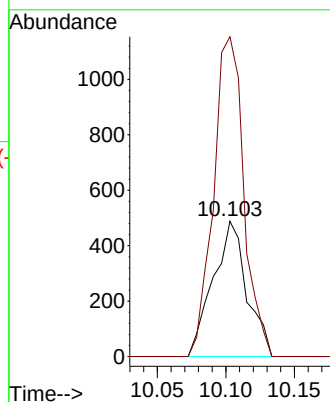
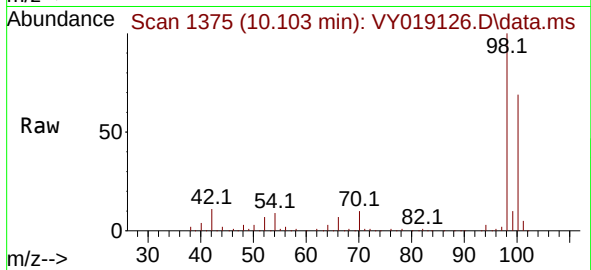




#51
4-Methyl-2-Pentanone
Concen: 1.132 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY019126.D
Acq: 19 Aug 2024 19:01

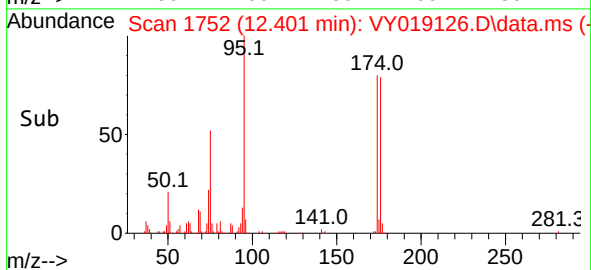
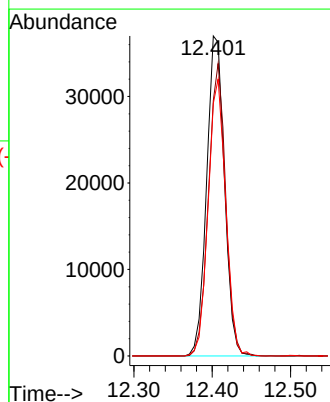
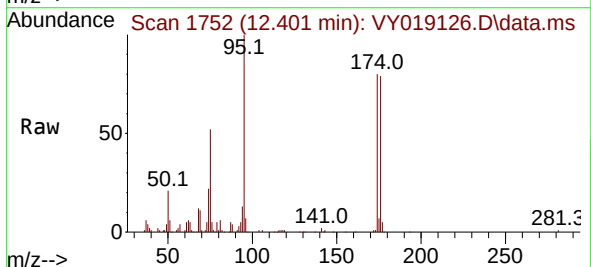
Instrument :
MSVOA_Y
ClientSampleId :

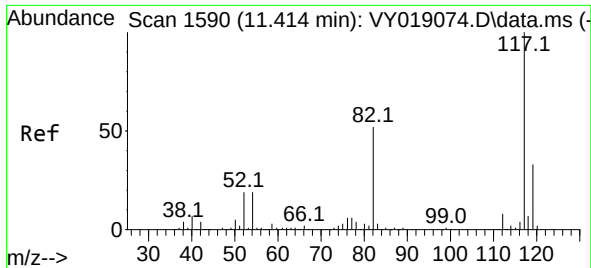
Tgt Ion: 43 Resp: 838
Ion Ratio Lower Upper
43 100
58 211.6 35.7 53.5#



#62
4-Bromofluorobenzene
Concen: 41.935 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY019126.D
Acq: 19 Aug 2024 19:01

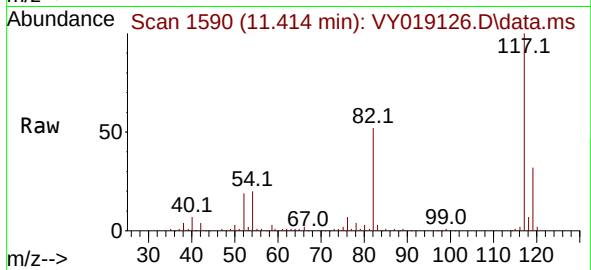
Tgt Ion: 95 Resp: 58295
Ion Ratio Lower Upper
95 100
174 88.2 0.0 175.6
176 85.3 0.0 171.4



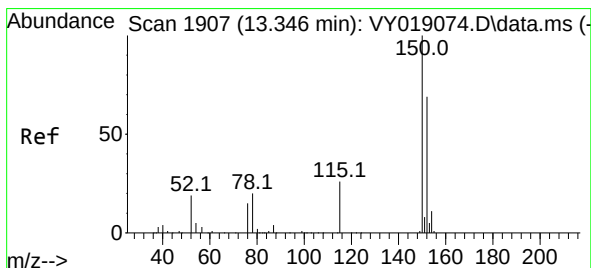
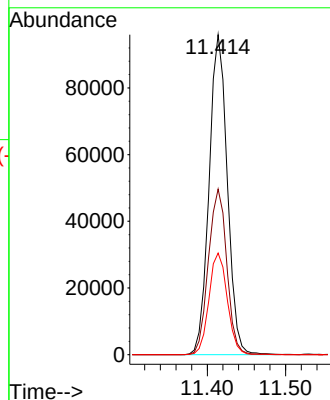
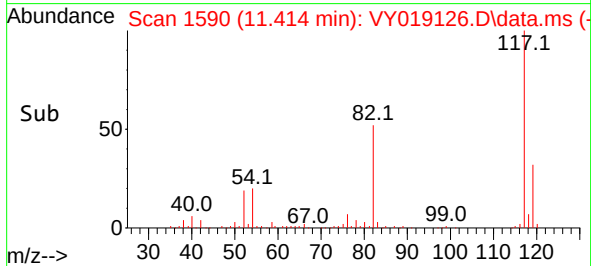


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY019126.D
Acq: 19 Aug 2024 19:01

Instrument :
MSVOA_Y
ClientSampleId :

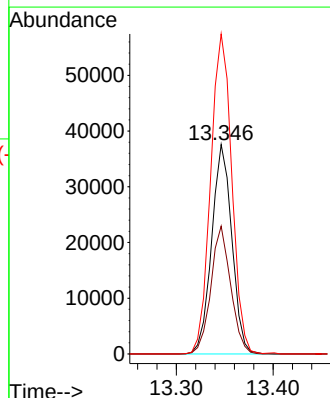
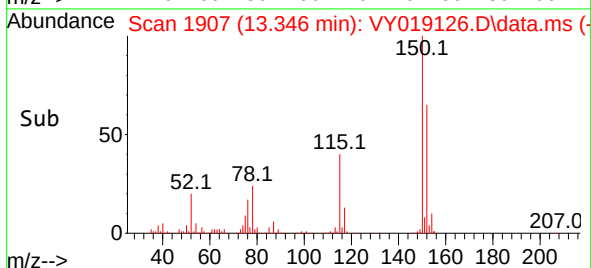
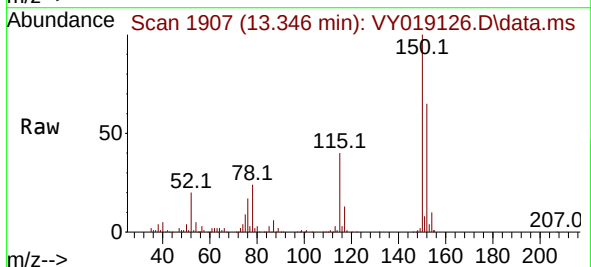


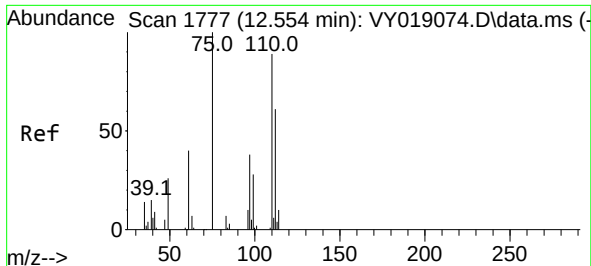
Tgt Ion:117 Resp: 154788
Ion Ratio Lower Upper
117 100
82 51.7 42.4 63.6
119 31.7 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019126.D
Acq: 19 Aug 2024 19:01

Tgt Ion:152 Resp: 54527
Ion Ratio Lower Upper
152 100
115 59.9 28.2 84.7
150 160.0 0.0 345.6

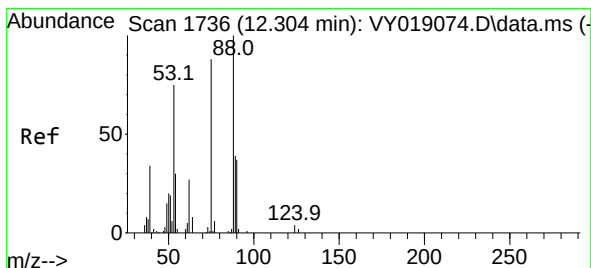
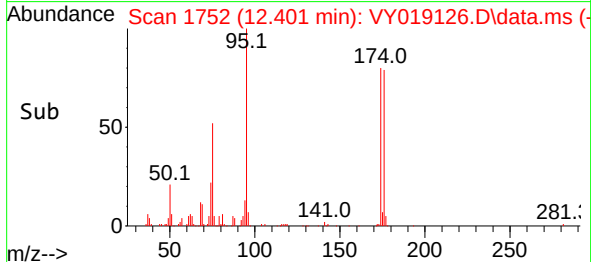
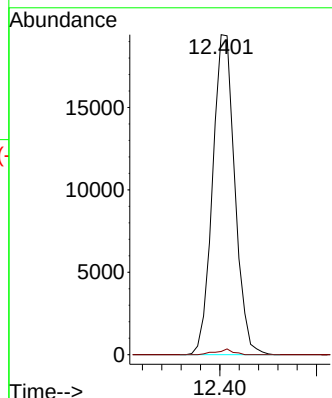
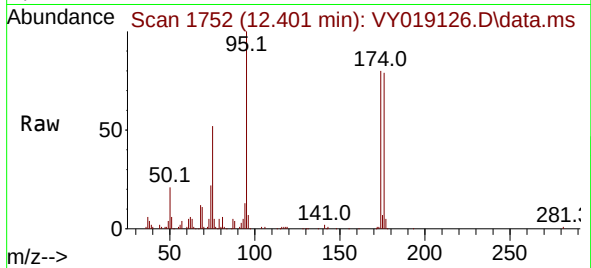




#76
1,2,3-Trichloropropane
Concen: 57.629 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.152 min
Lab File: VY019126.D
Acq: 19 Aug 2024 19:01

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 30989
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 142.324 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.098 min
Lab File: VY019126.D
Acq: 19 Aug 2024 19:01

Tgt Ion: 75 Resp: 30989
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.2 35.8 53.6#

