

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082324\
 Data File : VY019265.D
 Acq On : 23 Aug 2024 18:20
 Operator : SY/MD
 Sample : P3707-07
 Misc : 7.72g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 23 23:00:47 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)

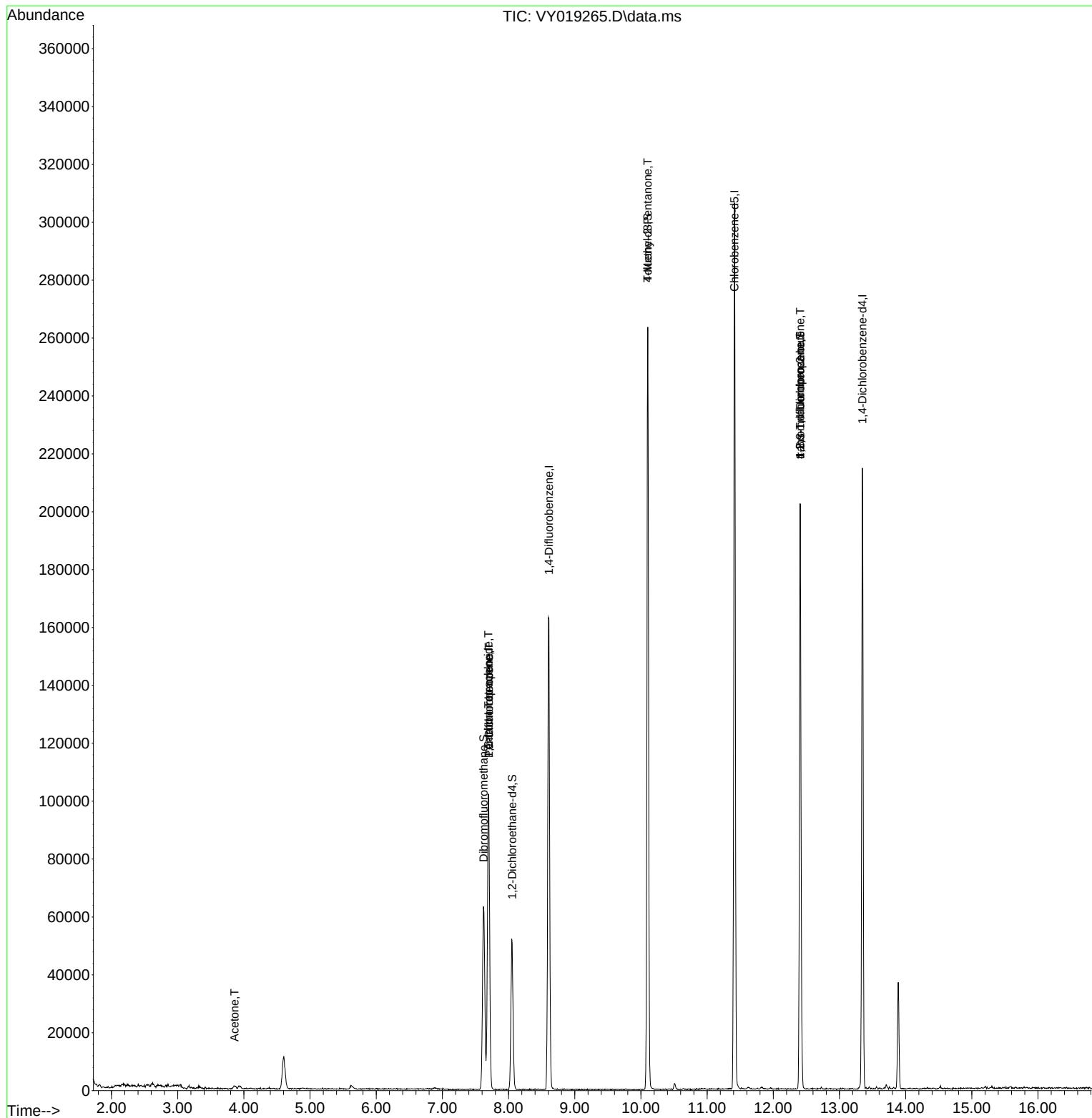
Internal Standards						
1) Pentafluorobenzene	7.701	168	80138	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	144476	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	161540	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	52639	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.054	65	39615	49.314	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.620%		
35) Dibromofluoromethane	7.622	113	45068	47.708	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.420%		
50) Toluene-d8	10.103	98	170136	50.047	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	100.100%		
62) 4-Bromofluorobenzene	12.407	95	57288	49.433	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	98.860%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.580	94	102	Below Cal	#	3
6) Chloroethane	2.738	64	23	Below Cal	#	42
11) Tert butyl alcohol	4.817	59	91	Below Cal	#	88
16) Acetone	3.860	43	1929	12.948	ug/l #	77
20) Methylene Chloride	4.598	84	8126	Below Cal		92
31) Cyclohexane	7.695	56	1702	Below Cal	#	38
36) 1,1-Dichloropropene	7.701	75	6076	4.684	ug/l #	49
38) Carbon Tetrachloride	7.695	117	8410	5.594	ug/l #	17
51) 4-Methyl-2-Pentanone	10.103	43	689	1.117	ug/l #	1
76) 1,2,3-Trichloropropane	12.407	75	30813	59.357	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	30813	146.591	ug/l #	16

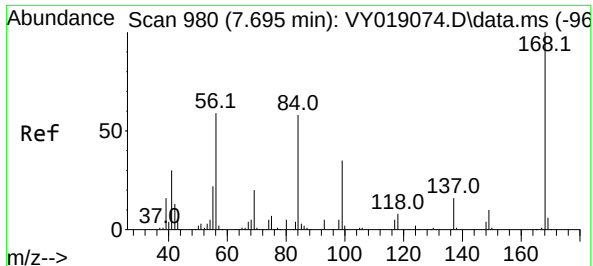
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082324\
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Quant Time: Aug 23 23:00:47 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

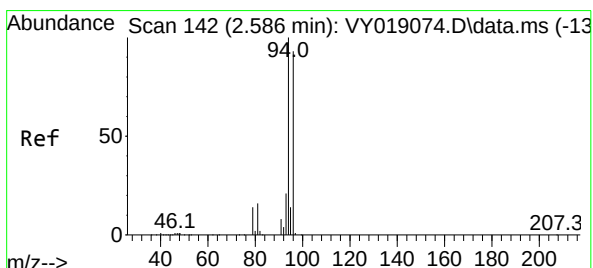
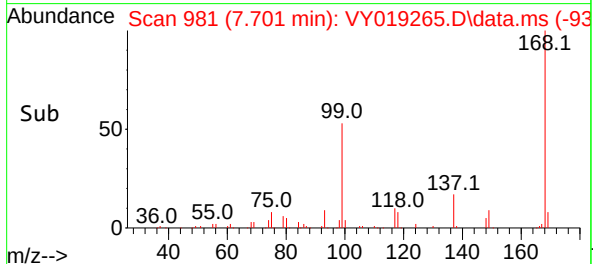
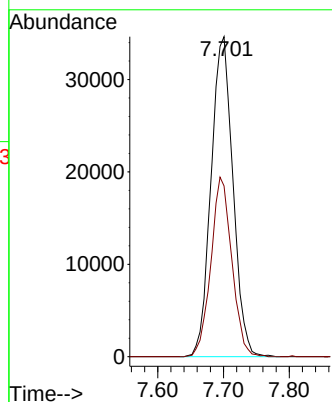
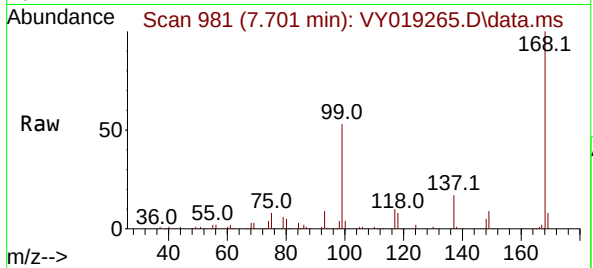




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019265.D
Acq: 23 Aug 2024 18:20

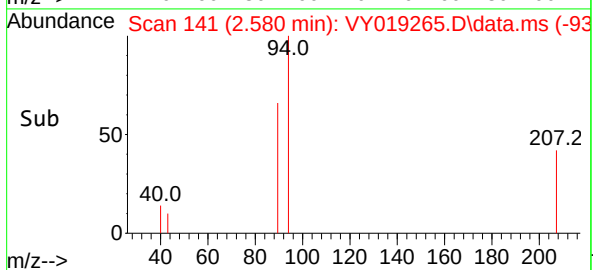
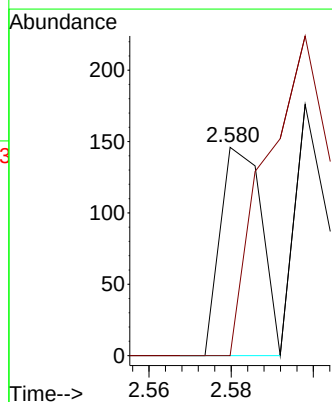
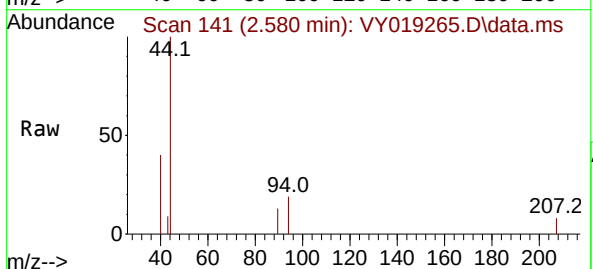
Instrument :
MSVOA_Y
ClientSampleId :

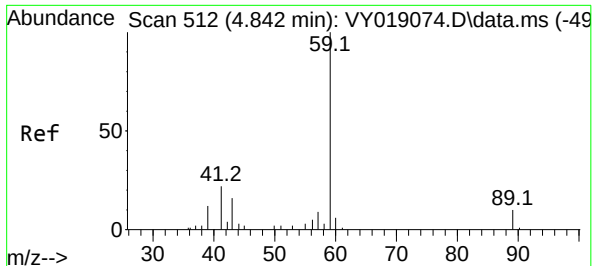
Tgt Ion:168 Resp: 80138
Ion Ratio Lower Upper
168 100
99 53.3 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.580 min Scan# 141
Delta R.T. -0.006 min
Lab File: VY019265.D
Acq: 23 Aug 2024 18:20

Tgt Ion: 94 Resp: 102
Ion Ratio Lower Upper
94 100
96 0.0 74.1 111.1#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.817 min Scan# 508

Delta R.T. -0.025 min

Lab File: VY019265.D

Acq: 23 Aug 2024 18:20

Instrument :

MSVOA_Y

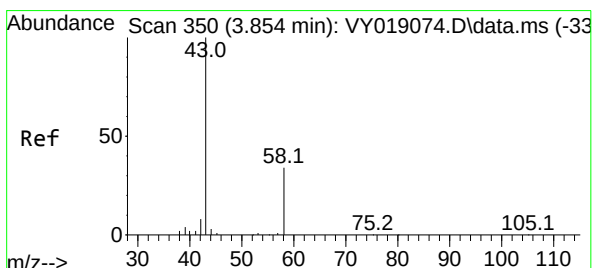
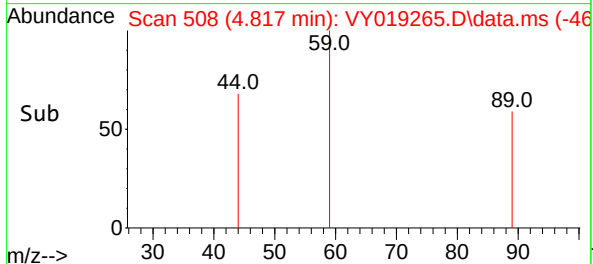
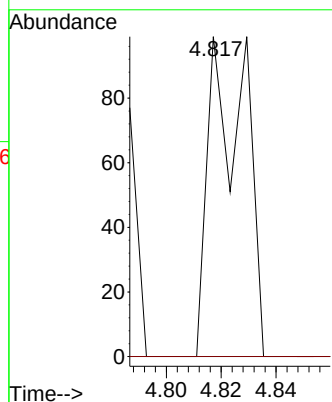
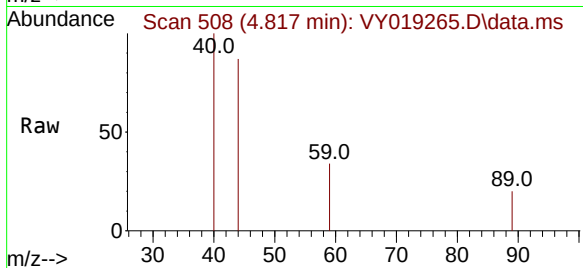
ClientSampleId :

Tgt Ion: 59 Resp: 91

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#



#16

Acetone

Concen: 12.948 ug/l

RT: 3.860 min Scan# 351

Delta R.T. 0.006 min

Lab File: VY019265.D

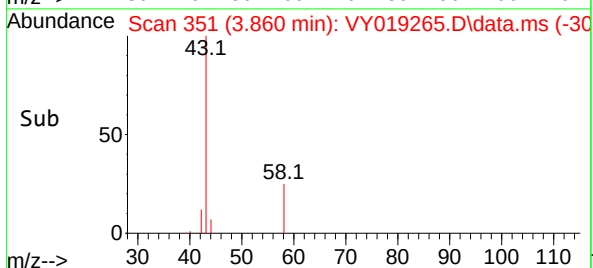
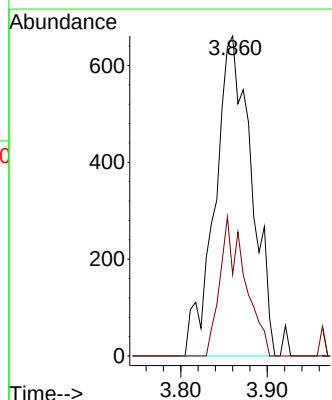
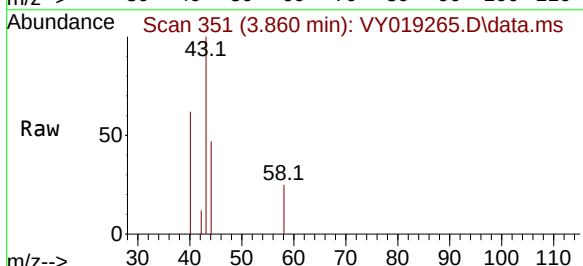
Acq: 23 Aug 2024 18:20

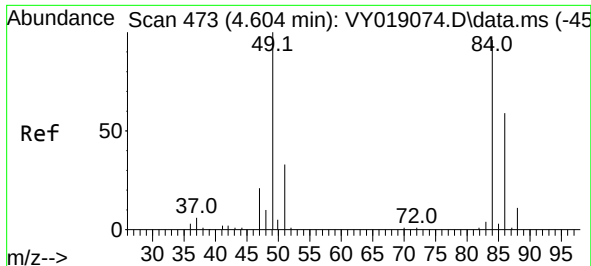
Tgt Ion: 43 Resp: 1929

Ion Ratio Lower Upper

43 100

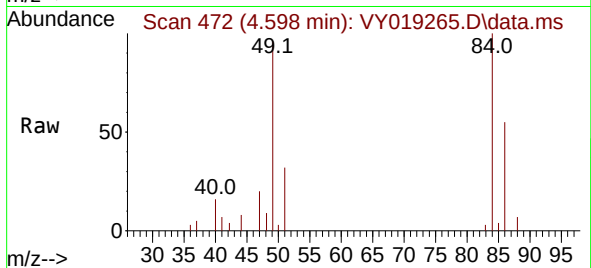
58 25.4 31.7 47.5#



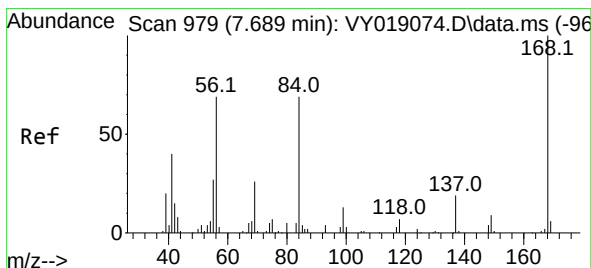
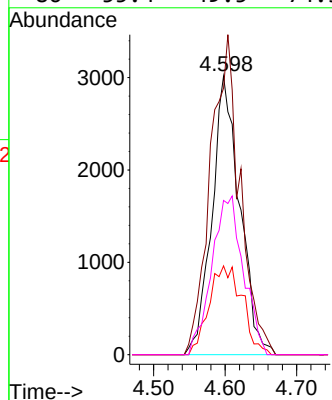


#20
Methylene Chloride
Concen: Below Cal
RT: 4.598 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY019265.D
Acq: 23 Aug 2024 18:20

Instrument :
MSVOA_Y
ClientSampleId :

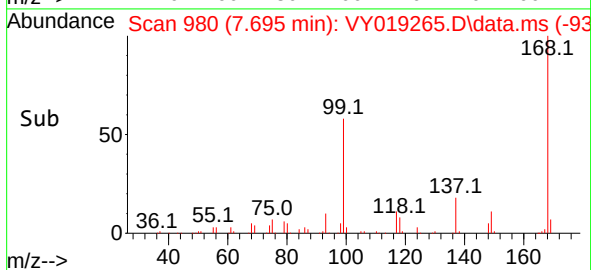
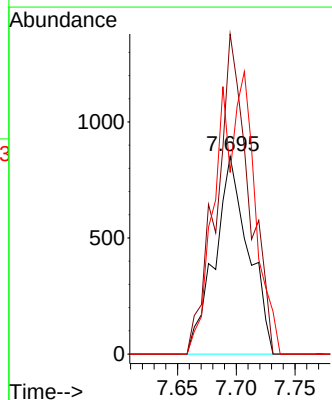
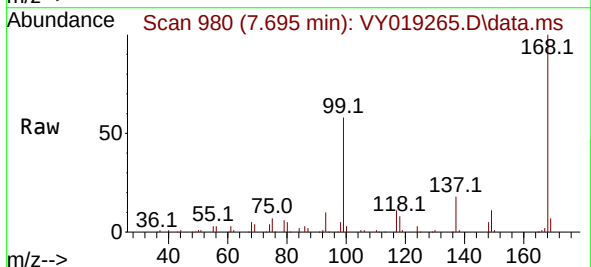


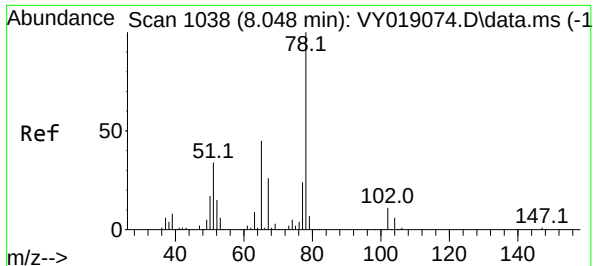
Tgt Ion:	84	Resp:	8126
Ion	Ratio	Lower	Upper
84	100		
49	95.7	84.4	126.6
51	31.9	26.0	39.0
86	55.4	49.5	74.3



#31
Cyclohexane
Concen: Below Cal
RT: 7.695 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY019265.D
Acq: 23 Aug 2024 18:20

Tgt Ion:	56	Resp:	1702
Ion	Ratio	Lower	Upper
56	100		
69	161.9	28.7	43.1#
84	91.8	77.7	116.5





#33

1,2-Dichloroethane-d4

Concen: 49.314 ug/l

RT: 8.054 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019265.D

Acq: 23 Aug 2024 18:20

Instrument :

MSVOA_Y

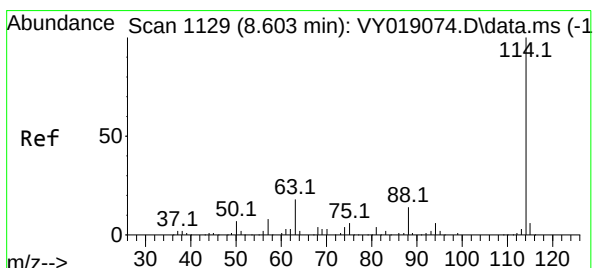
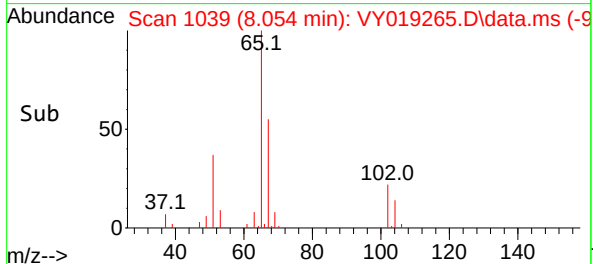
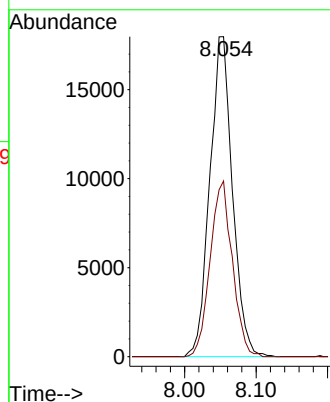
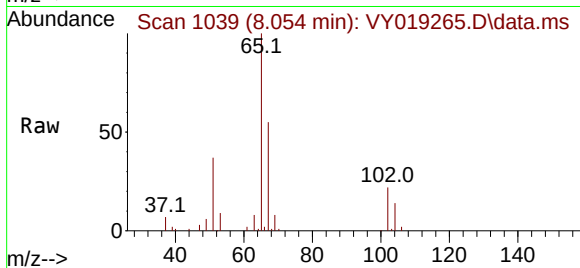
ClientSampleId :

Tgt Ion: 65 Resp: 39615

Ion Ratio Lower Upper

65 100

67 53.8 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019265.D

Acq: 23 Aug 2024 18:20

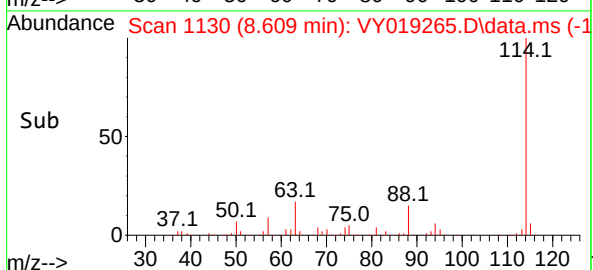
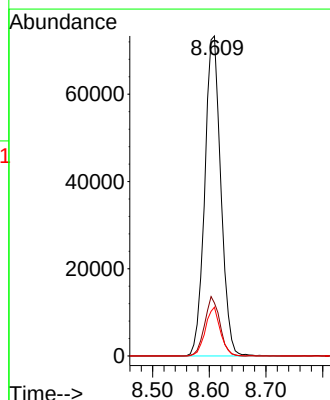
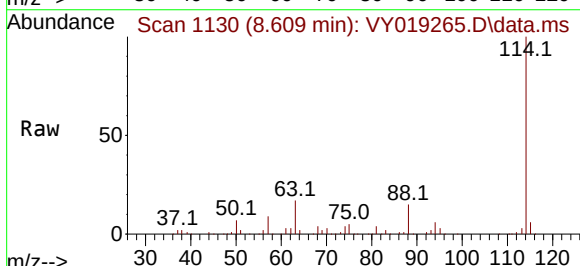
Tgt Ion: 114 Resp: 144476

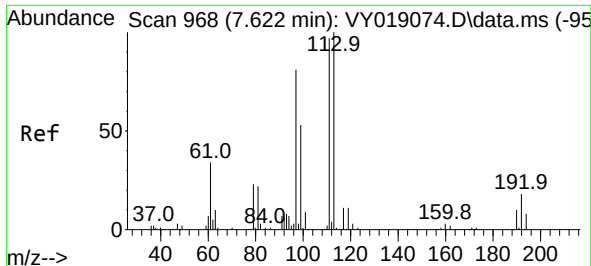
Ion Ratio Lower Upper

114 100

63 16.5 0.0 35.0

88 15.2 0.0 27.2

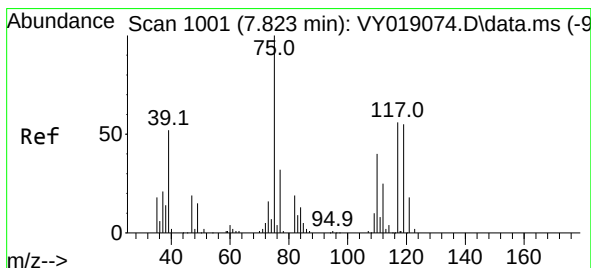
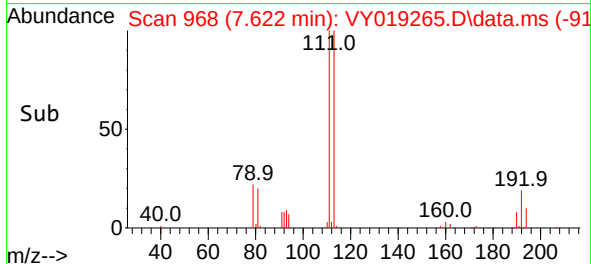
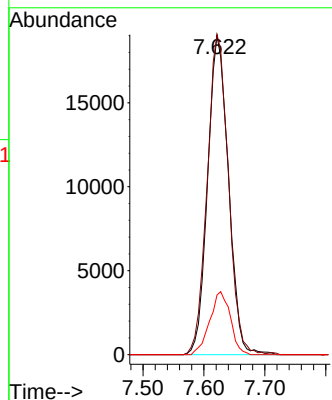
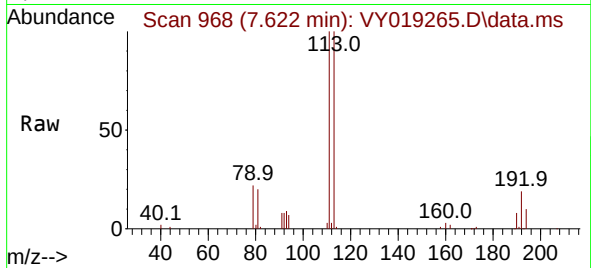




#35
Dibromofluoromethane
Concen: 47.708 ug/l
RT: 7.622 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY019265.D
Acq: 23 Aug 2024 18:20

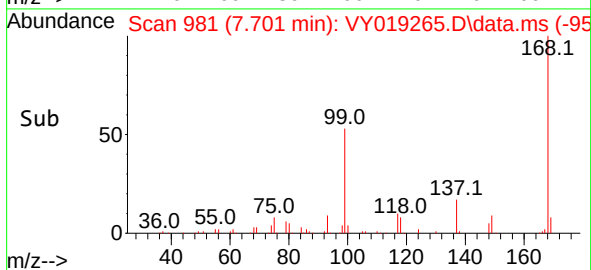
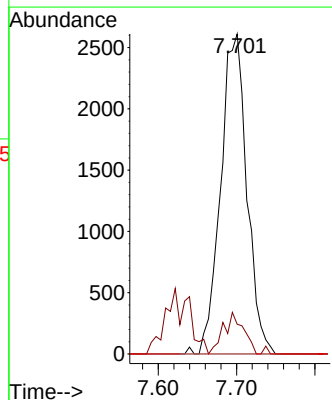
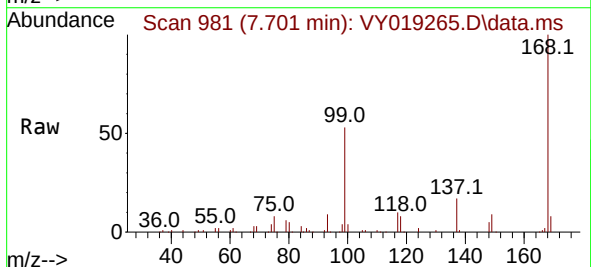
Instrument :
MSVOA_Y
ClientSampleId :

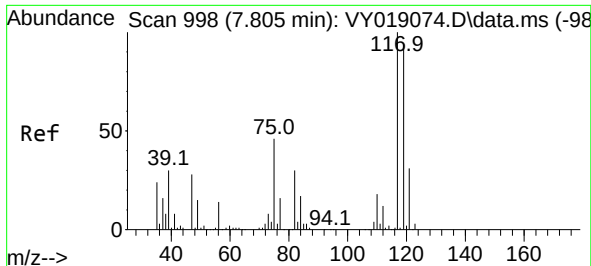
Tgt Ion:113 Resp: 45068
Ion Ratio Lower Upper
113 100
111 102.1 82.2 123.4
192 19.6 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.684 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY019265.D
Acq: 23 Aug 2024 18:20

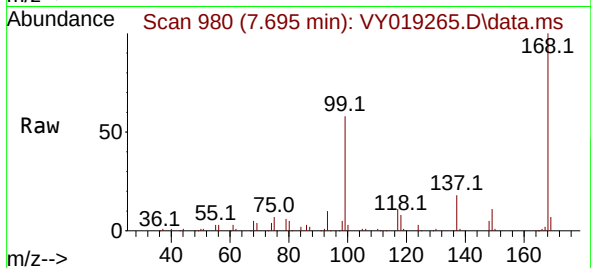
Tgt Ion: 75 Resp: 6076
Ion Ratio Lower Upper
75 100
110 9.9 19.0 57.0#
77 0.0 25.3 37.9#



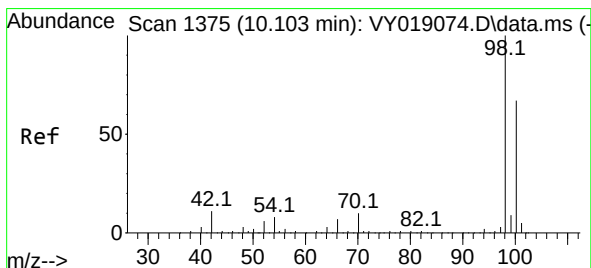
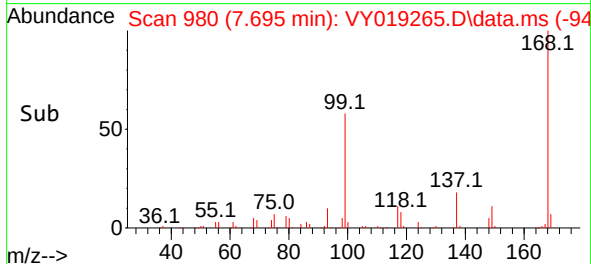
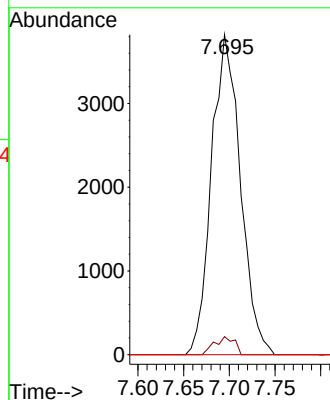


#38
Carbon Tetrachloride
Concen: 5.594 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY019265.D
Acq: 23 Aug 2024 18:20

Instrument :
MSVOA_Y
ClientSampleId :

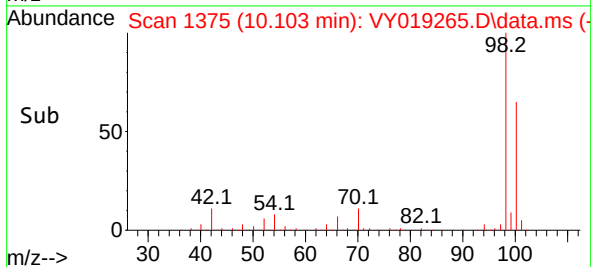
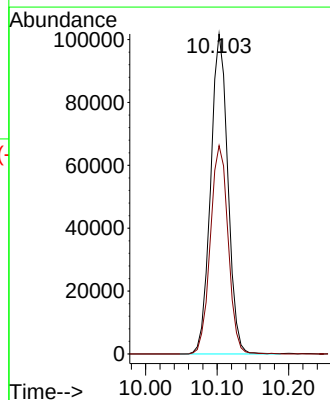
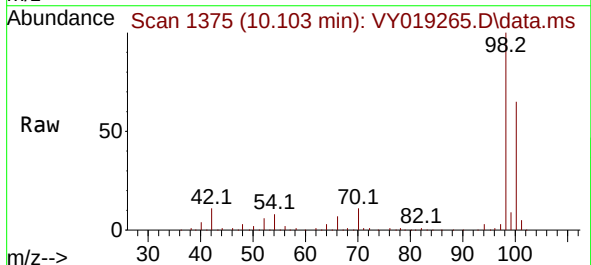


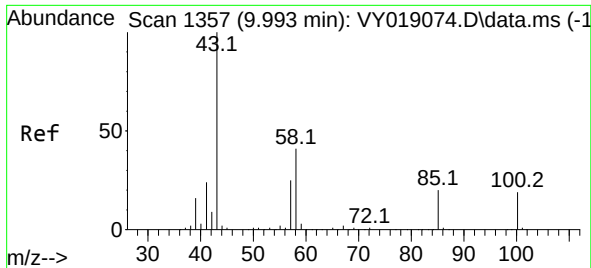
Tgt Ion:117 Resp: 8410
Ion Ratio Lower Upper
117 100
119 5.7 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 50.047 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VY019265.D
Acq: 23 Aug 2024 18:20

Tgt Ion: 98 Resp: 170136
Ion Ratio Lower Upper
98 100
100 67.1 52.0 78.0

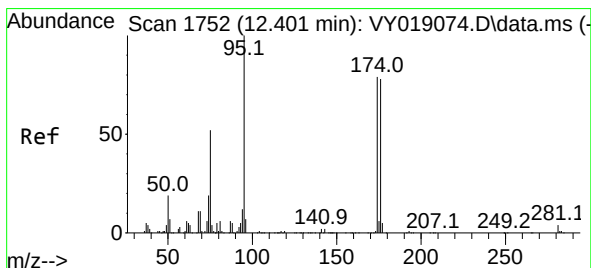
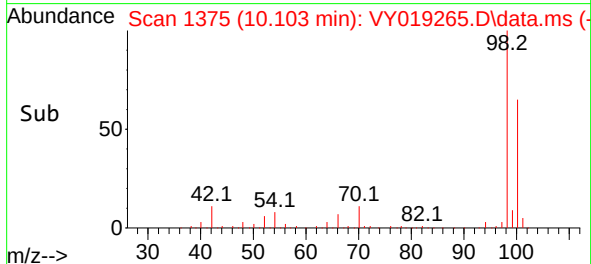
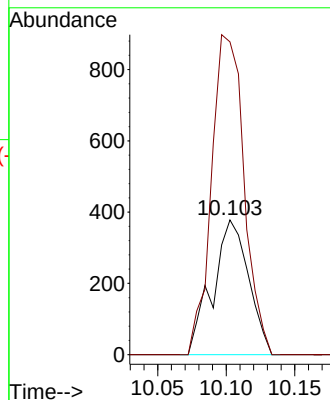
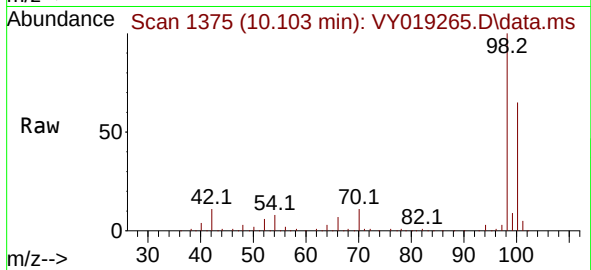




#51
4-Methyl-2-Pentanone
Concen: 1.117 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY019265.D
Acq: 23 Aug 2024 18:20

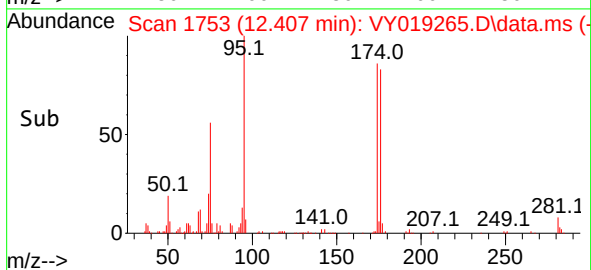
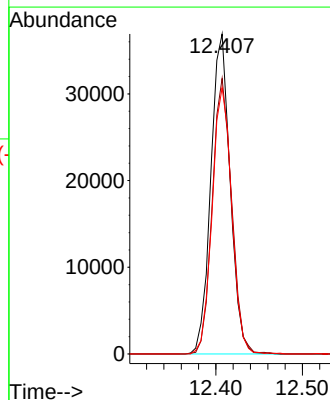
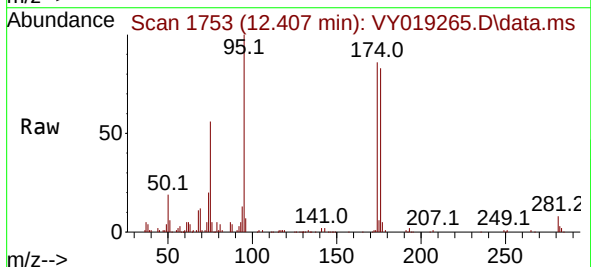
Instrument :
MSVOA_Y
ClientSampleId :

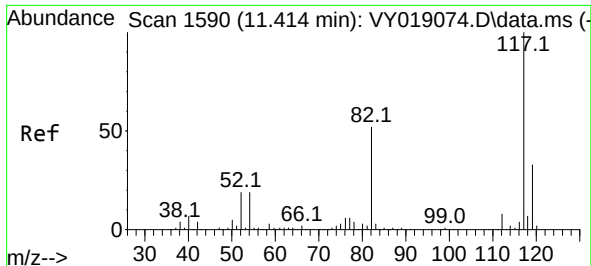
Tgt Ion: 43 Resp: 689
Ion Ratio Lower Upper
43 100
58 215.8 35.7 53.5#



#62
4-Bromofluorobenzene
Concen: 49.433 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019265.D
Acq: 23 Aug 2024 18:20

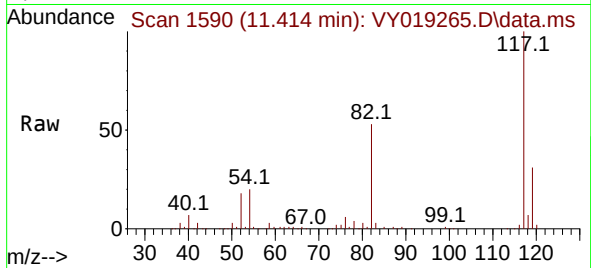
Tgt Ion: 95 Resp: 57288
Ion Ratio Lower Upper
95 100
174 86.0 0.0 175.6
176 84.2 0.0 171.4



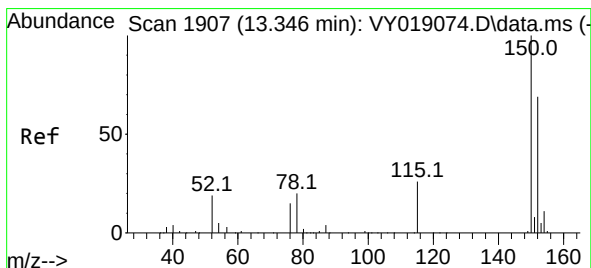
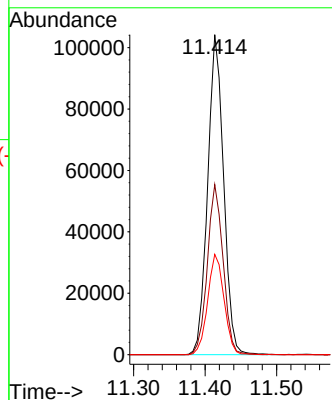
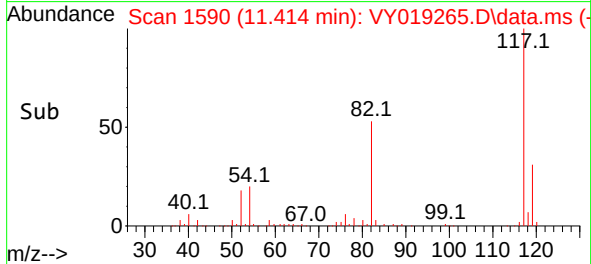


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY019265.D
Acq: 23 Aug 2024 18:20

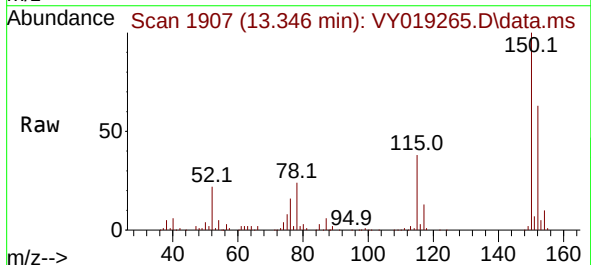
Instrument :
MSVOA_Y
ClientSampleId :



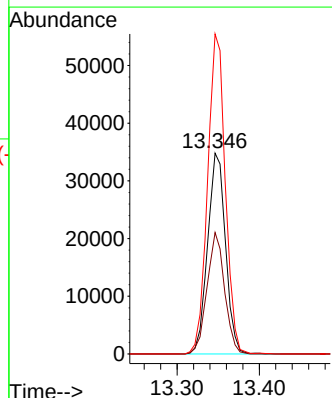
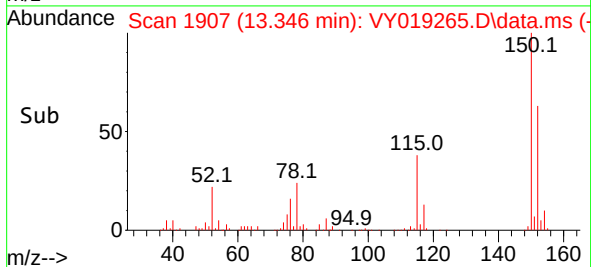
Tgt Ion:117 Resp: 161540
Ion Ratio Lower Upper
117 100
82 53.2 42.4 63.6
119 31.3 25.9 38.9

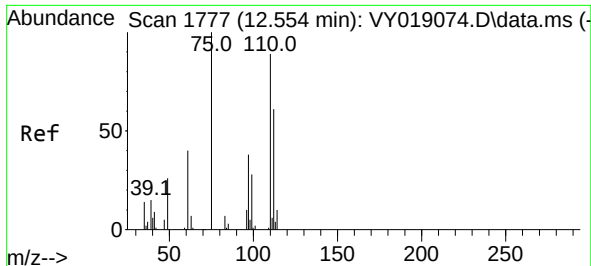


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY019265.D
Acq: 23 Aug 2024 18:20



Tgt Ion:152 Resp: 52639
Ion Ratio Lower Upper
152 100
115 59.2 28.2 84.7
150 157.3 0.0 345.6

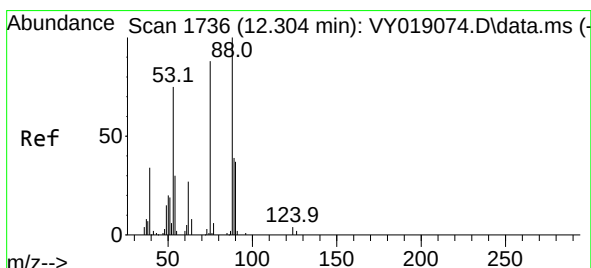
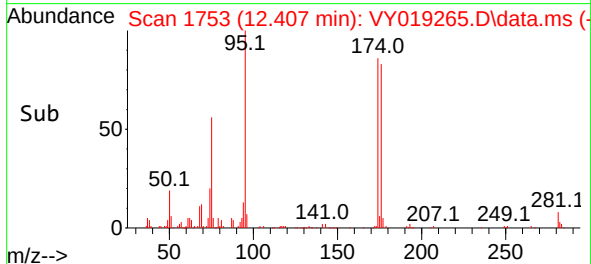
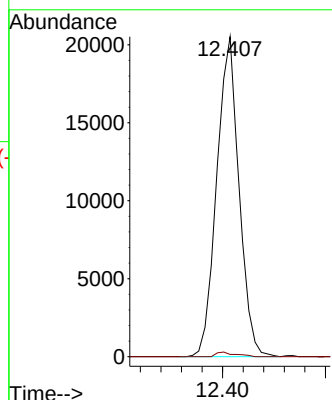
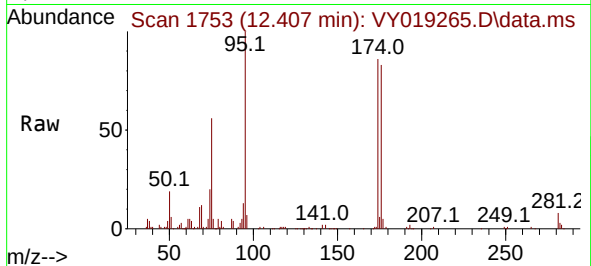




#76
1,2,3-Trichloropropane
Concen: 59.357 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY019265.D
Acq: 23 Aug 2024 18:20

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 30813
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 146.591 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY019265.D
Acq: 23 Aug 2024 18:20

Tgt Ion: 75 Resp: 30813
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.1 35.8 53.6#

