

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082824\
 Data File : VY019357.D
 Acq On : 29 Aug 2024 04:40
 Operator : SY/MD
 Sample : P3737-04
 Misc : 4.39g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 29 05:22:32 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)

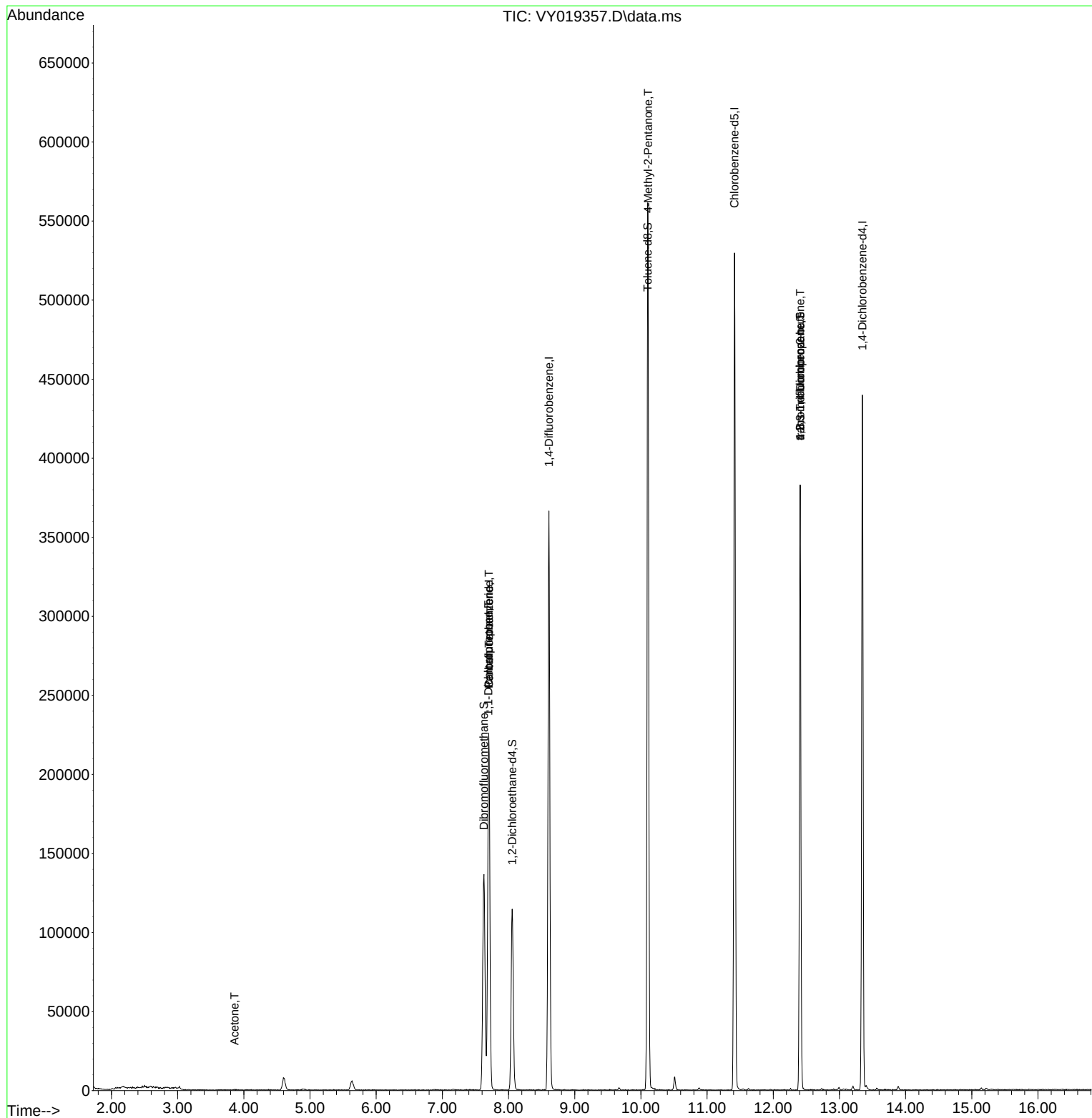
Internal Standards						
1) Pentafluorobenzene	7.701	168	175630	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	315262	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	281274	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	106921	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	93229	52.954	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.900%
35) Dibromofluoromethane	7.628	113	97729	47.410	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.820%
50) Toluene-d8	10.103	98	354185	47.746	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.500%
62) 4-Bromofluorobenzene	12.407	95	109689	43.375	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	86.760%
Target Compounds						
5) Bromomethane	2.598	94	458	Below Cal	Qvalue	83
6) Chloroethane	2.818	64	26	Below Cal	#	1
13) Acrolein	3.775	56	20	Below Cal	#	15
16) Acetone	3.860	43	380	1.164	ug/l #	36
20) Methylene Chloride	4.604	84	5432	Below Cal		97
31) Cyclohexane	7.695	56	3667	Below Cal	#	27
36) 1,1-Dichloropropene	7.695	75	12976	4.584	ug/l #	50
38) Carbon Tetrachloride	7.701	117	17524	5.342	ug/l #	19
51) 4-Methyl-2-Pentanone	10.109	43	1521	1.130	ug/l #	1
76) 1,2,3-Trichloropropane	12.407	75	60496	57.373	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	60496	141.692	ug/l #	16

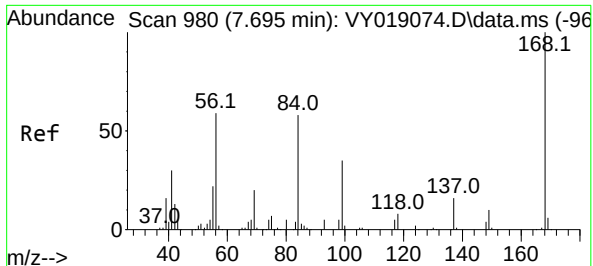
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

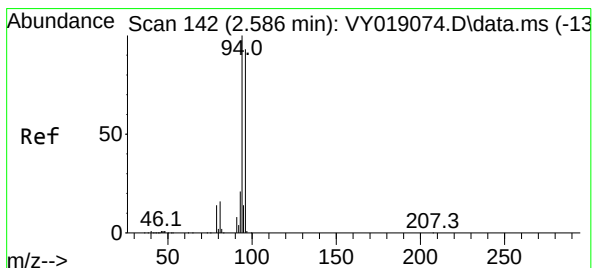
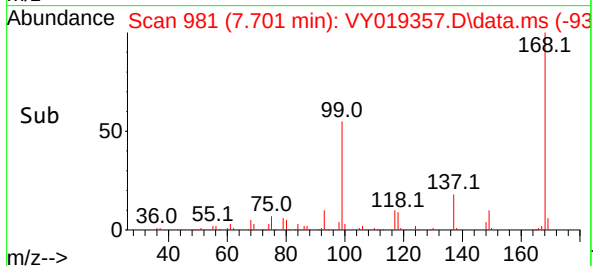
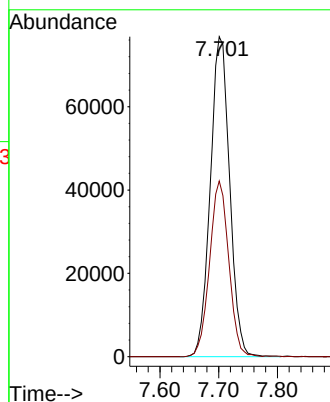
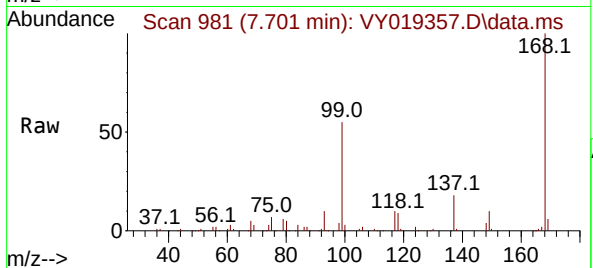




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019357.D
Acq: 29 Aug 2024 04:40

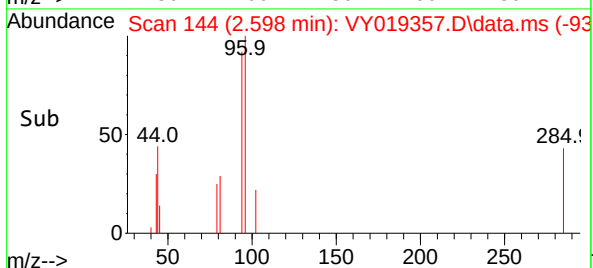
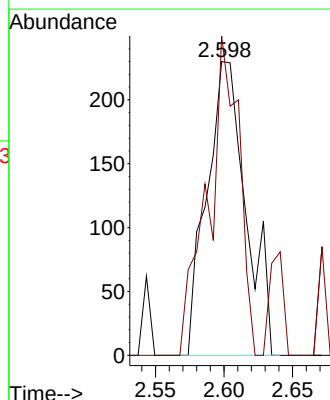
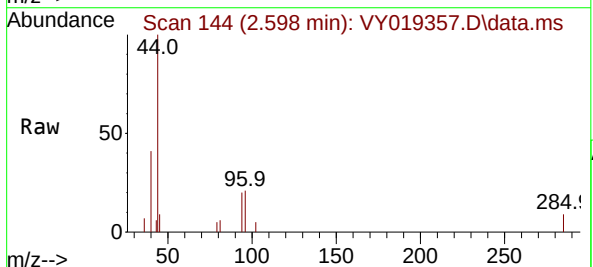
Instrument :
MSVOA_Y
ClientSampleId :

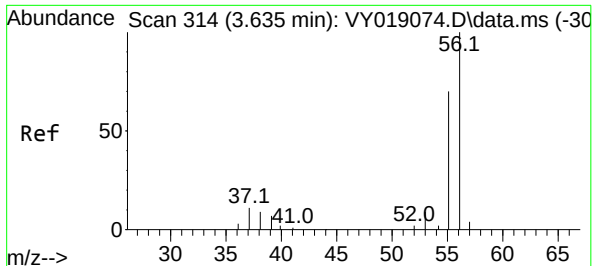
Tgt Ion:168 Resp: 175630
Ion Ratio Lower Upper
168 100
99 54.9 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.598 min Scan# 144
Delta R.T. 0.012 min
Lab File: VY019357.D
Acq: 29 Aug 2024 04:40

Tgt Ion: 94 Resp: 458
Ion Ratio Lower Upper
94 100
96 108.7 74.1 111.1





#13

Acrolein

Concen: Below Cal

RT: 3.775 min Scan# 31

Delta R.T. 0.140 min

Lab File: VY019357.D

Acq: 29 Aug 2024 04:40

Instrument :

MSVOA_Y

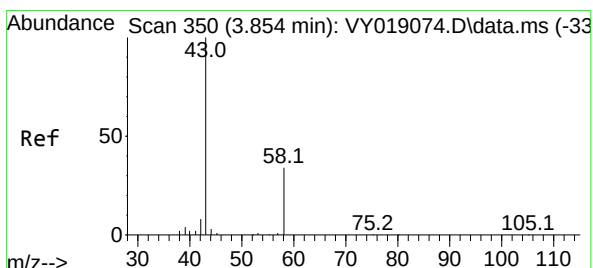
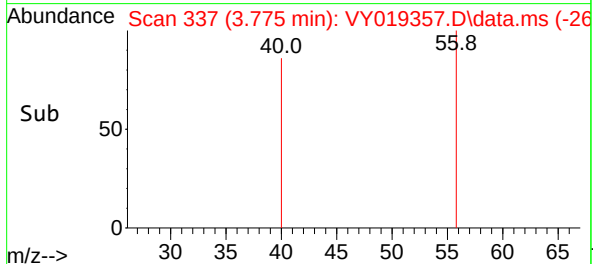
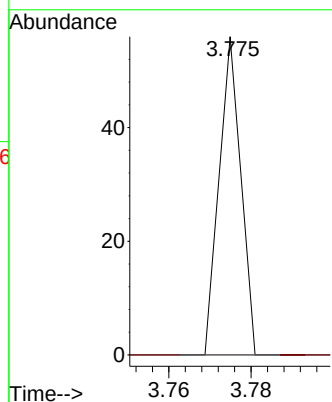
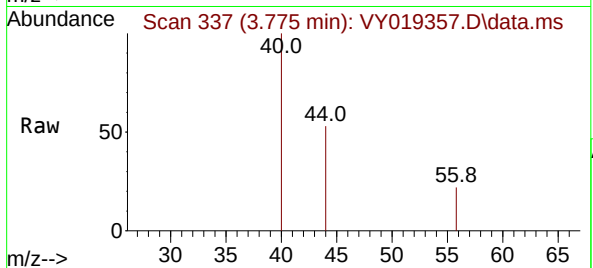
ClientSampleId :

Tgt Ion: 56 Resp: 20

Ion Ratio Lower Upper

56 100

55 0.0 55.7 83.5#



#16

Acetone

Concen: 1.164 ug/l

RT: 3.860 min Scan# 351

Delta R.T. 0.006 min

Lab File: VY019357.D

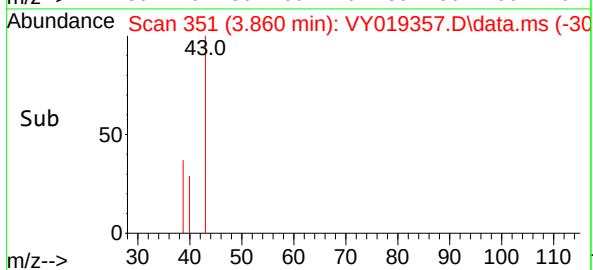
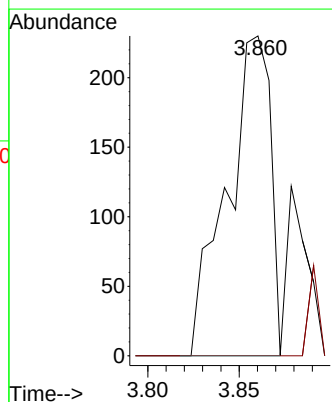
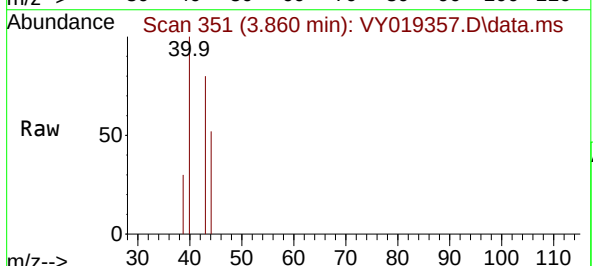
Acq: 29 Aug 2024 04:40

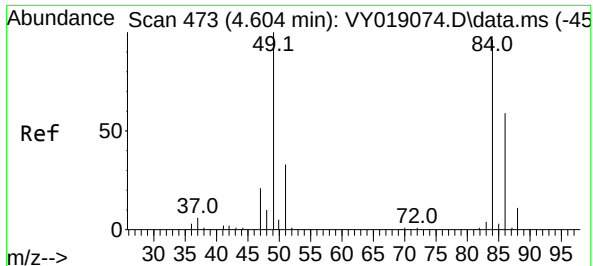
Tgt Ion: 43 Resp: 380

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

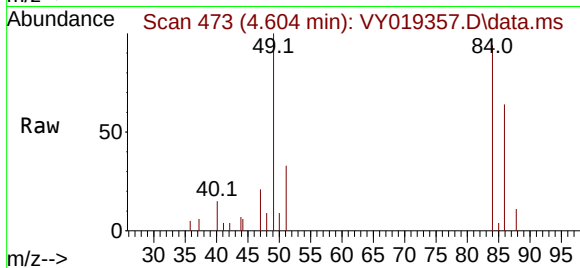
Lab File: VY019357.D

Acq: 29 Aug 2024 04:40

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 5432

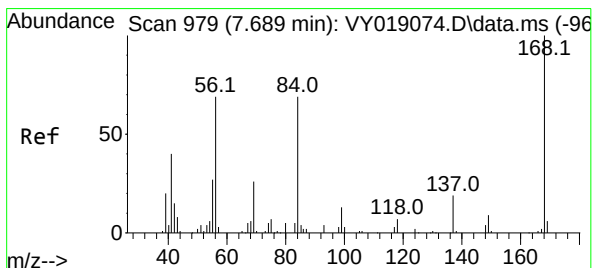
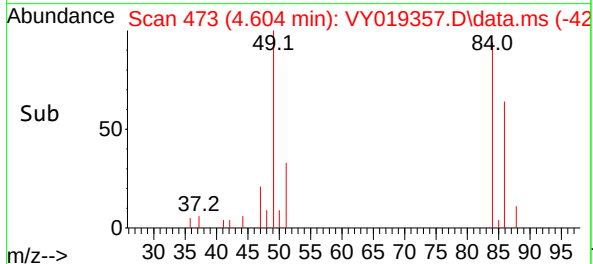
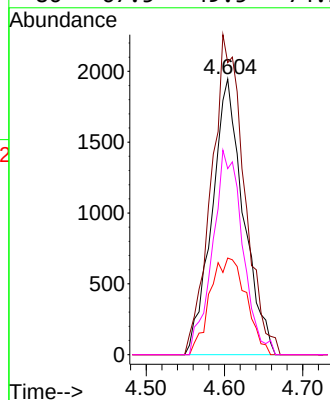
Ion Ratio Lower Upper

84 100

49 105.9 84.4 126.6

51 35.0 26.0 39.0

86 67.5 49.5 74.3



#31

Cyclohexane

Concen: Below Cal

RT: 7.695 min Scan# 980

Delta R.T. 0.006 min

Lab File: VY019357.D

Acq: 29 Aug 2024 04:40

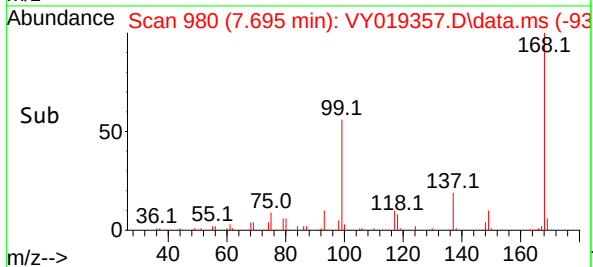
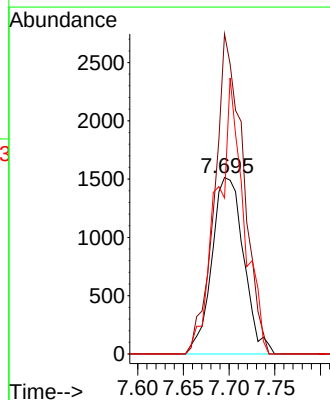
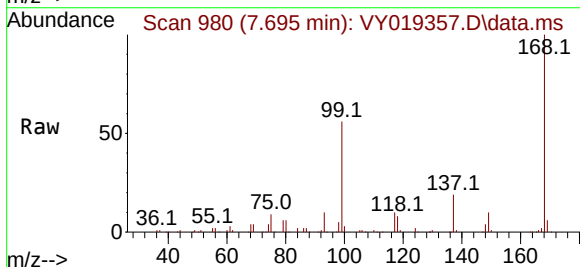
Tgt Ion: 56 Resp: 3667

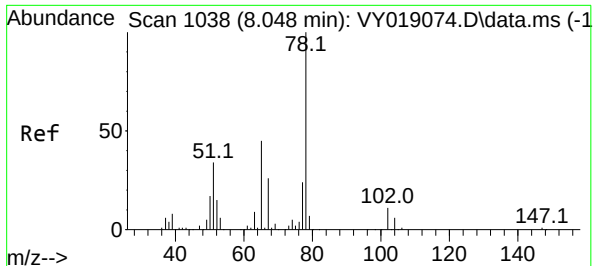
Ion Ratio Lower Upper

56 100

69 181.3 28.7 43.1#

84 88.4 77.7 116.5





#33

1,2-Dichloroethane-d4

Concen: 52.954 ug/l

RT: 8.055 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019357.D

Acq: 29 Aug 2024 04:40

Instrument :

MSVOA_Y

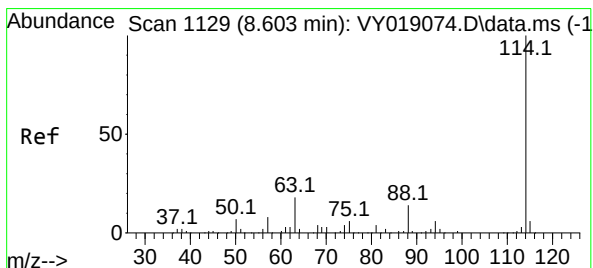
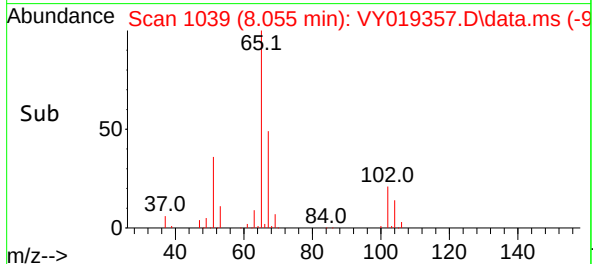
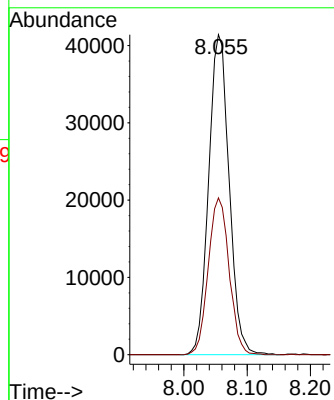
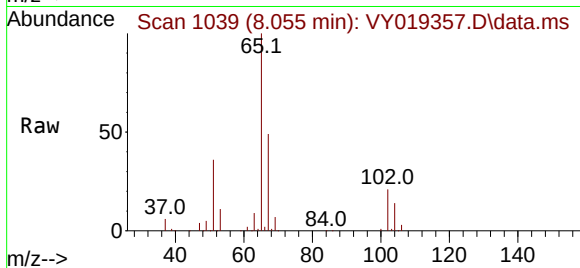
ClientSampleId :

Tgt Ion: 65 Resp: 93229

Ion Ratio Lower Upper

65 100

67 49.9 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: VY019357.D

Acq: 29 Aug 2024 04:40

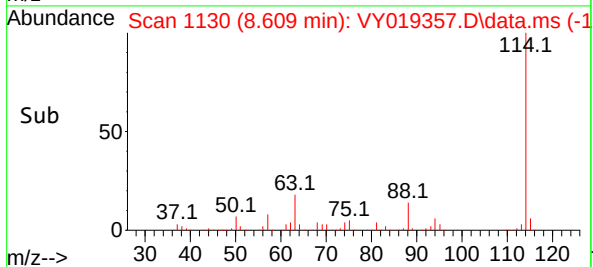
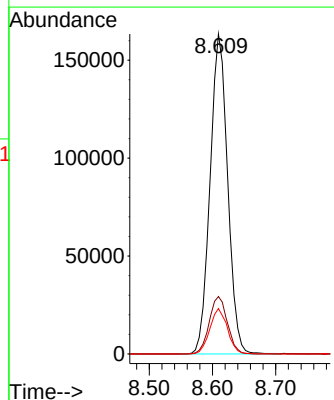
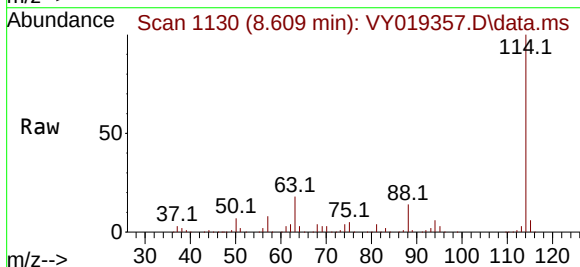
Tgt Ion: 114 Resp: 315262

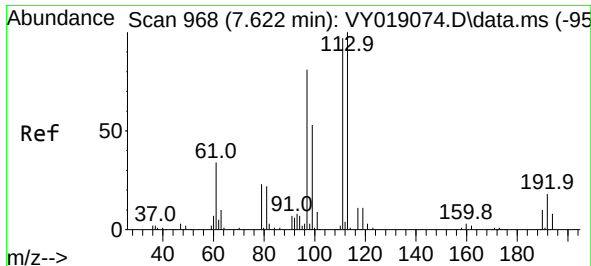
Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.0

88 14.2 0.0 27.2

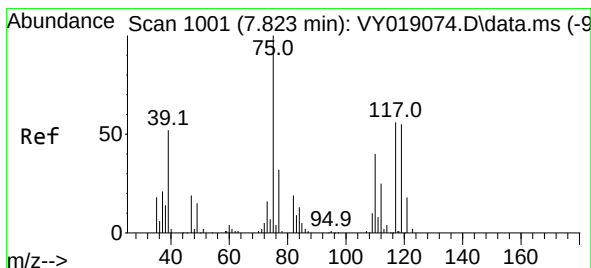
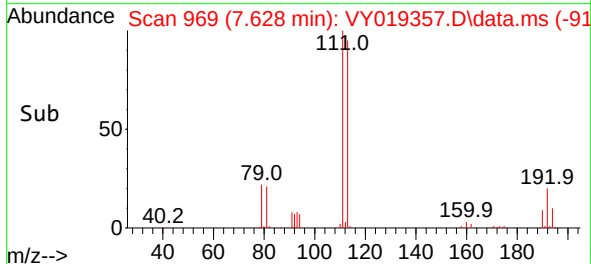
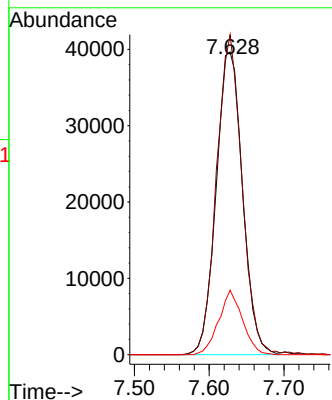
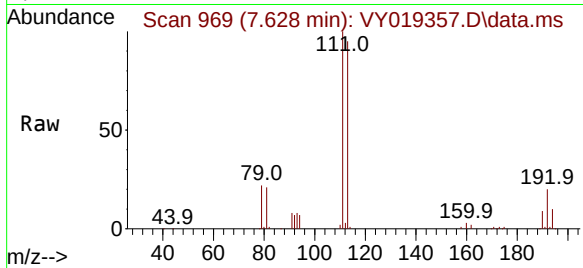




#35
Dibromofluoromethane
Concen: 47.410 ug/l
RT: 7.628 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019357.D
Acq: 29 Aug 2024 04:40

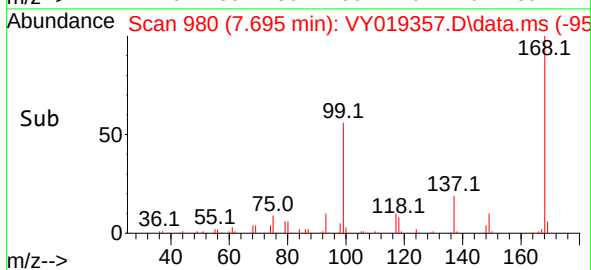
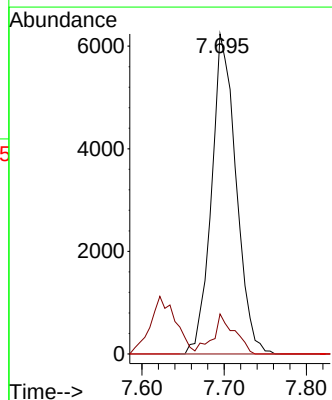
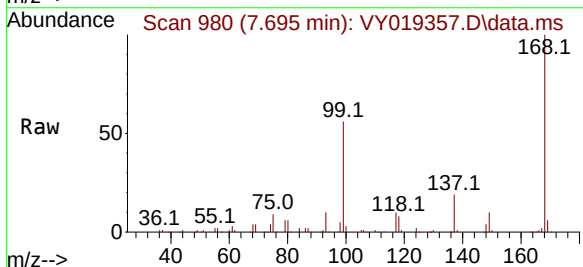
Instrument :
MSVOA_Y
ClientSampleId :

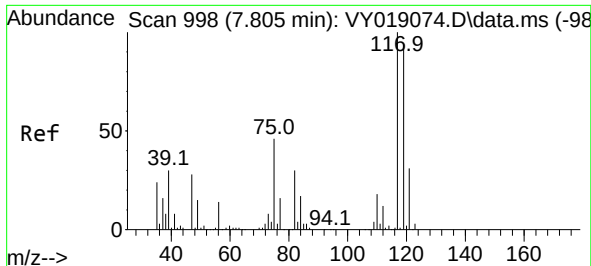
Tgt Ion:113 Resp: 97729
Ion Ratio Lower Upper
113 100
111 101.8 82.2 123.4
192 19.1 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.584 ug/l
RT: 7.695 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY019357.D
Acq: 29 Aug 2024 04:40

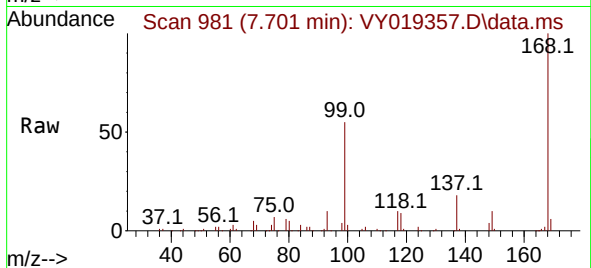
Tgt Ion: 75 Resp: 12976
Ion Ratio Lower Upper
75 100
110 10.9 19.0 57.0#
77 0.0 25.3 37.9#



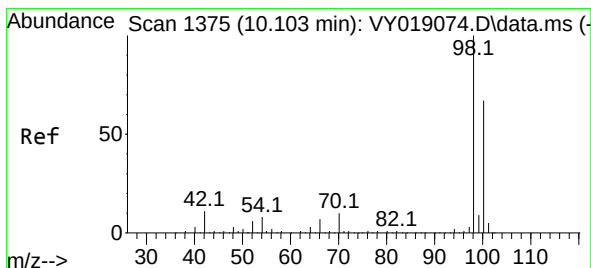
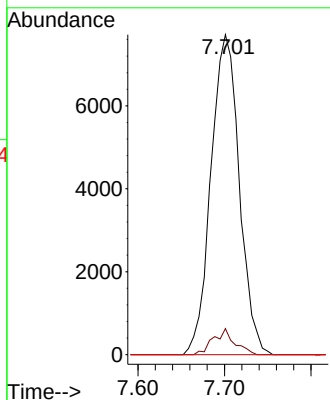
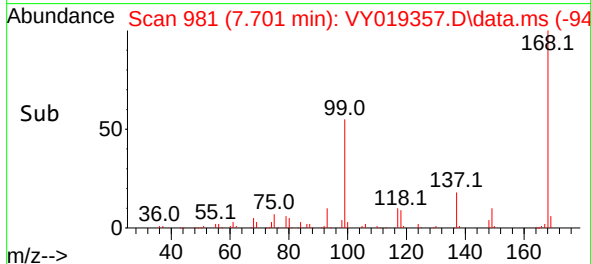


#38
Carbon Tetrachloride
Concen: 5.342 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY019357.D
Acq: 29 Aug 2024 04:40

Instrument :
MSVOA_Y
ClientSampleId :

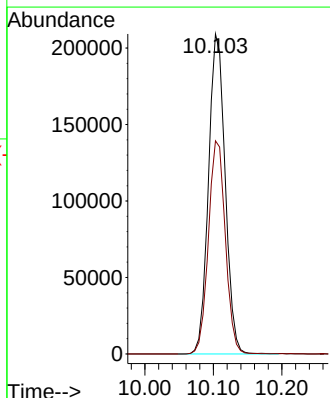
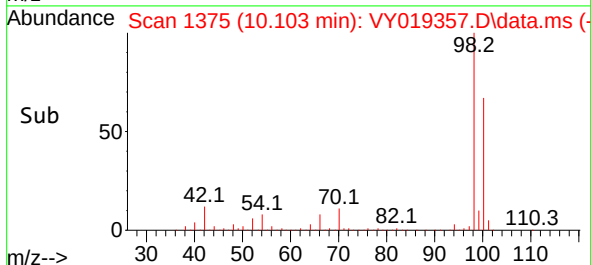
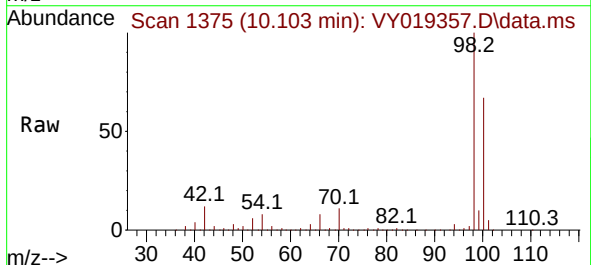


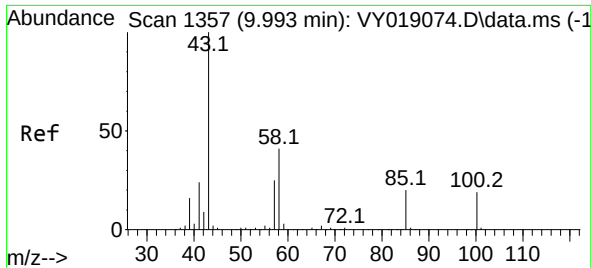
Tgt Ion:117 Resp: 17524
Ion Ratio Lower Upper
117 100
119 8.2 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 47.746 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019357.D
Acq: 29 Aug 2024 04:40

Tgt Ion: 98 Resp: 354185
Ion Ratio Lower Upper
98 100
100 67.7 52.0 78.0

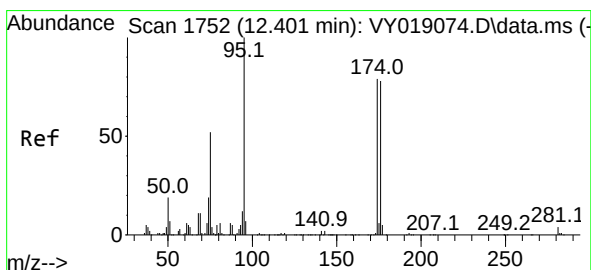
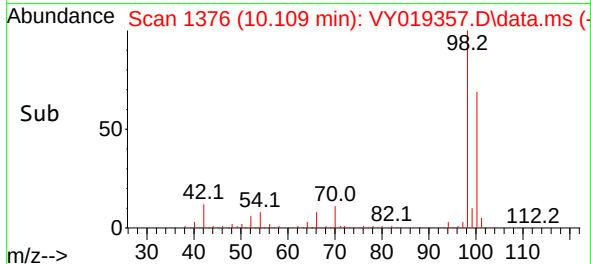
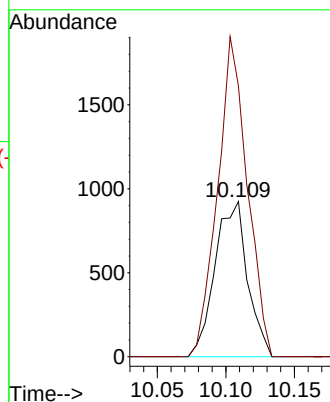
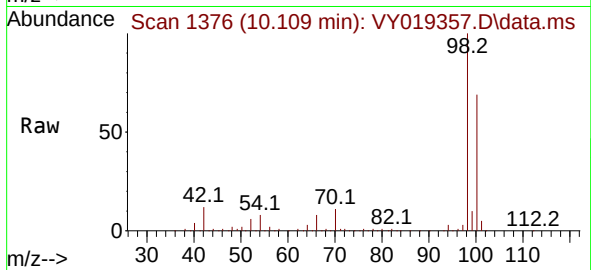




#51
4-Methyl-2-Pentanone
Concen: 1.130 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.116 min
Lab File: VY019357.D
Acq: 29 Aug 2024 04:40

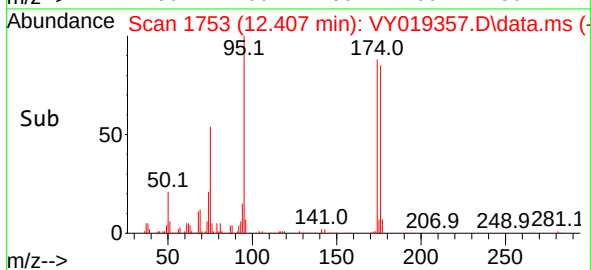
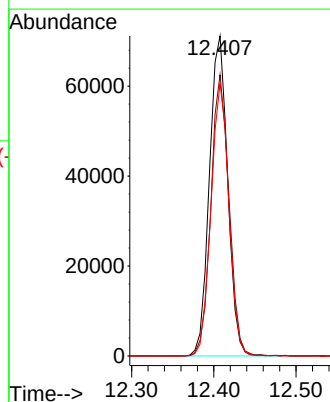
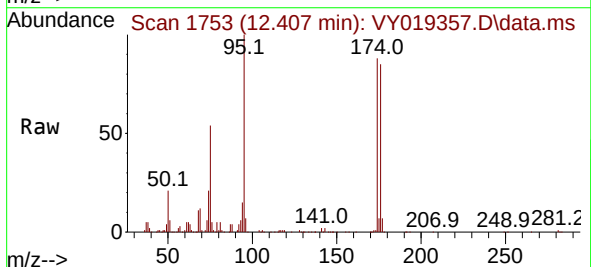
Instrument :
MSVOA_Y
ClientSampleId :

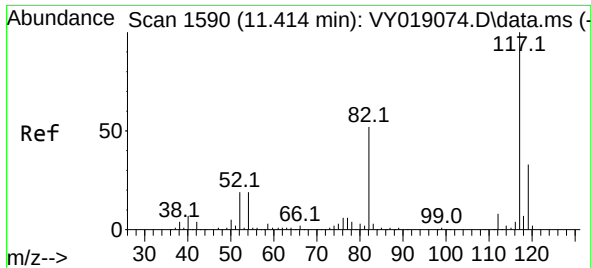
Tgt Ion: 43 Resp: 1521
Ion Ratio Lower Upper
43 100
58 189.1 35.7 53.5#



#62
4-Bromofluorobenzene
Concen: 43.375 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019357.D
Acq: 29 Aug 2024 04:40

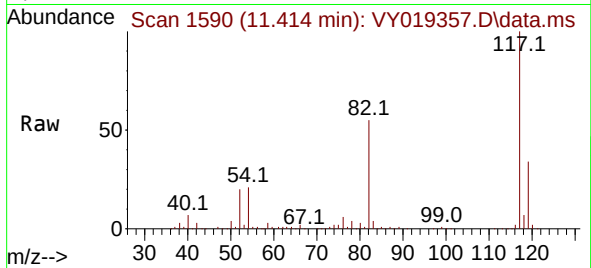
Tgt Ion: 95 Resp: 109689
Ion Ratio Lower Upper
95 100
174 86.9 0.0 175.6
176 83.7 0.0 171.4



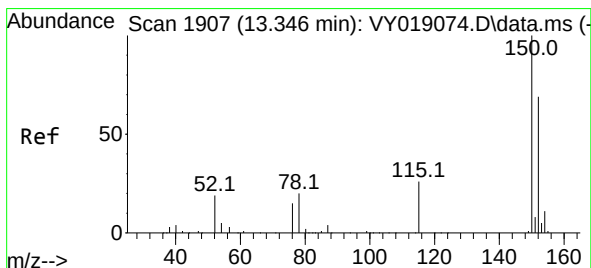
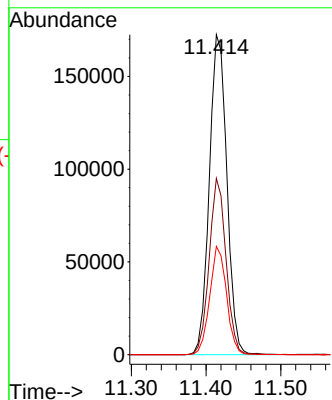
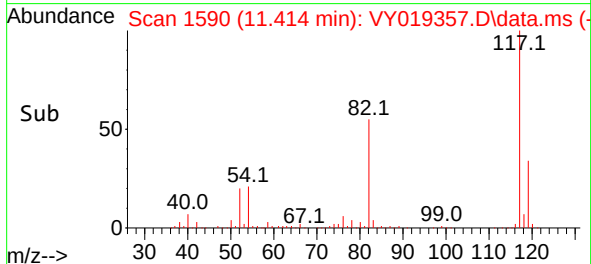


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019357.D
Acq: 29 Aug 2024 04:40

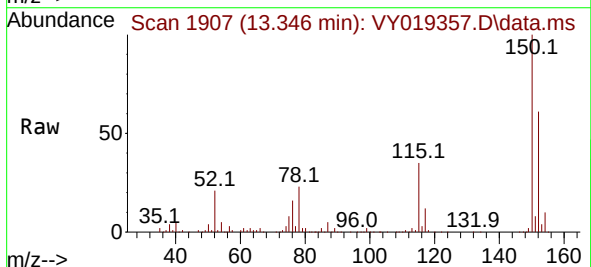
Instrument :
MSVOA_Y
ClientSampleId :



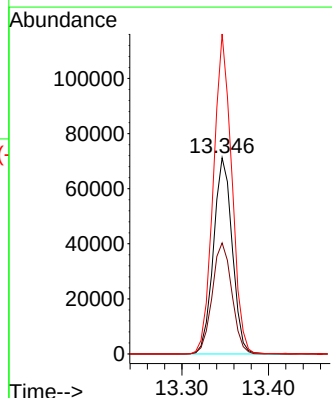
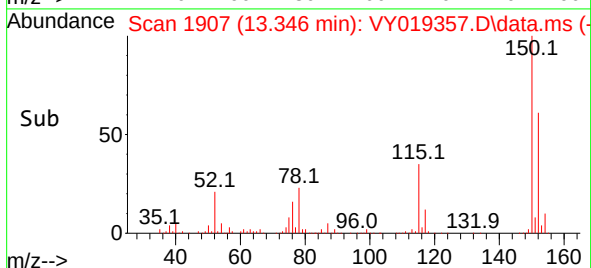
Tgt Ion:117 Resp: 281274
Ion Ratio Lower Upper
117 100
82 55.1 42.4 63.6
119 33.8 25.9 38.9

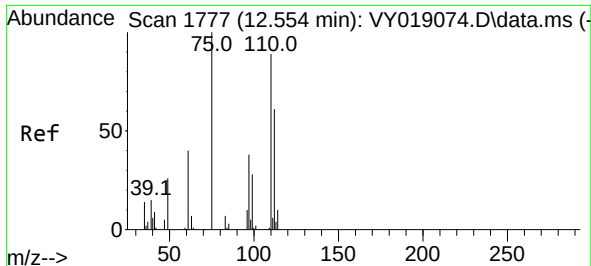


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019357.D
Acq: 29 Aug 2024 04:40



Tgt Ion:152 Resp: 106921
Ion Ratio Lower Upper
152 100
115 59.2 28.2 84.7
150 159.8 0.0 345.6

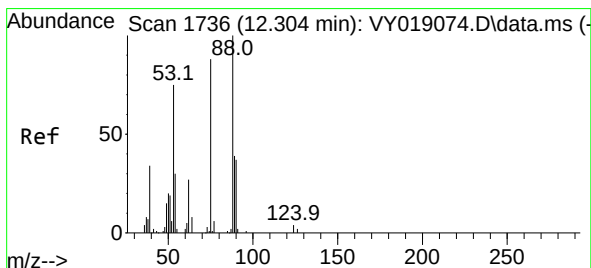
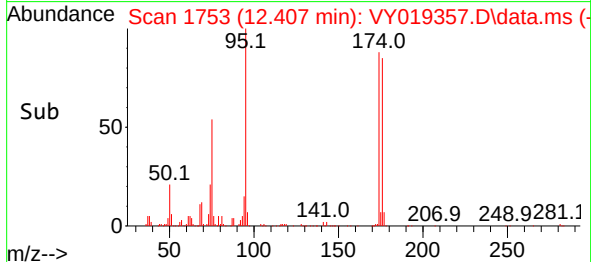
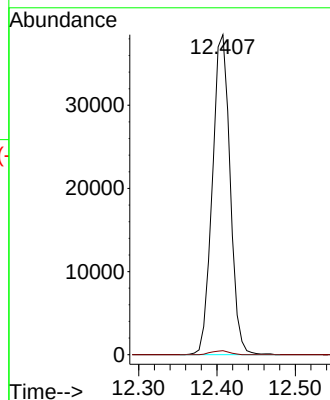
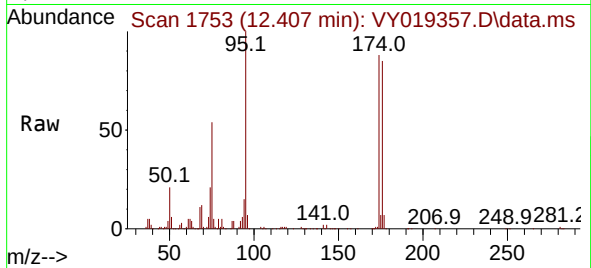




#76
1,2,3-Trichloropropane
Concen: 57.373 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY019357.D
Acq: 29 Aug 2024 04:40

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 60496
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 141.692 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY019357.D
Acq: 29 Aug 2024 04:40

Tgt Ion: 75 Resp: 60496
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

