

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082324\
 Data File : VY019247.D
 Acq On : 23 Aug 2024 10:55
 Operator : SY/MD
 Sample : VY0823SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 23 22:54:02 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)

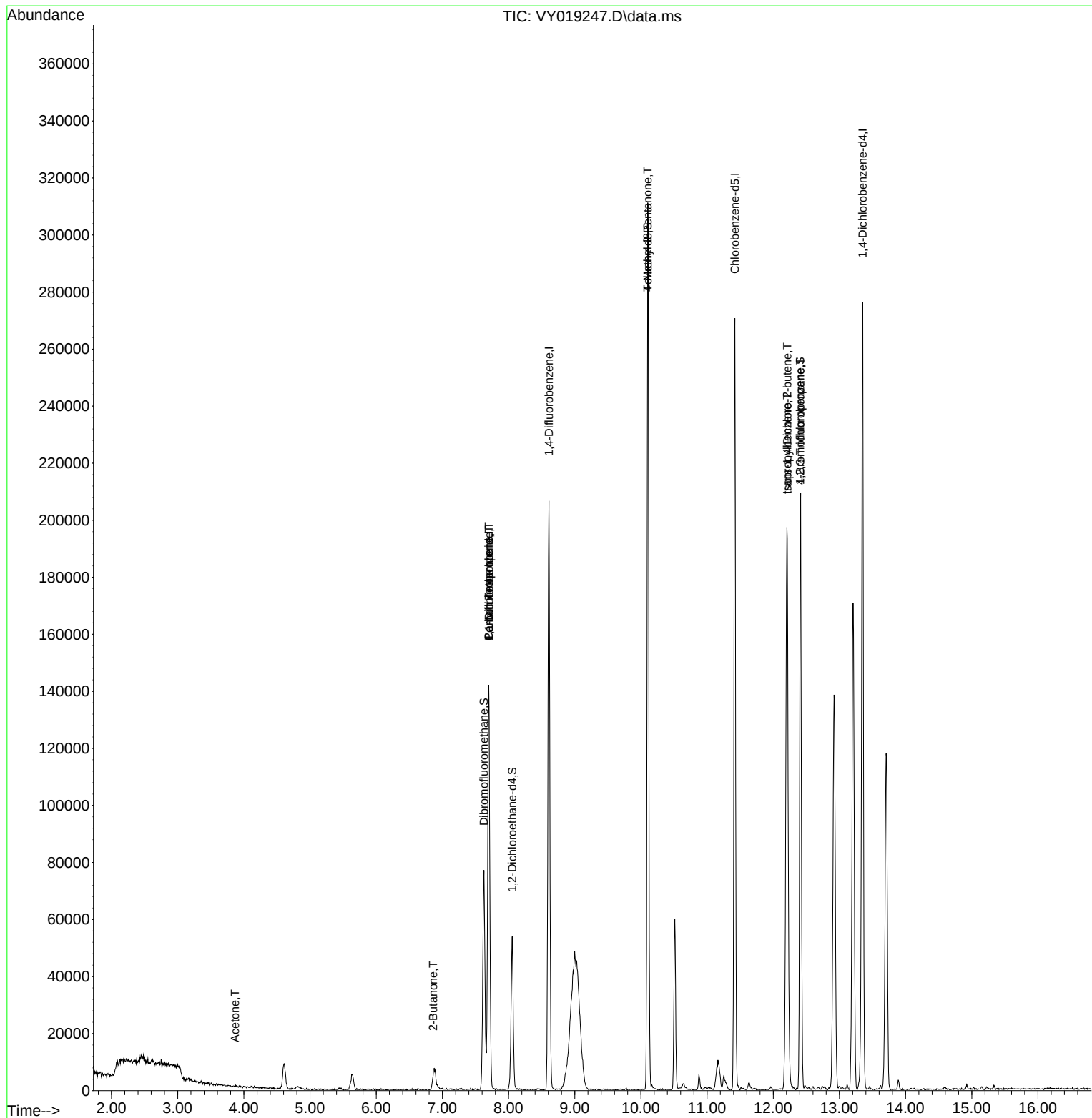
Internal Standards						
1) Pentafluorobenzene	7.701	168	111761	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	181091	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	149099	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	53062	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.054	65	39120	34.919	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	69.840%
35) Dibromofluoromethane	7.628	113	51900	43.831	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.660%
50) Toluene-d8	10.103	98	201885	47.379	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.760%
62) 4-Bromofluorobenzene	12.407	95	54287	37.372	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	74.740%
Target Compounds						
					Qvalue	
5) Bromomethane	2.604	94	396	Below Cal	#	63
6) Chloroethane	2.708	64	135	Below Cal	#	42
11) Tert butyl alcohol	4.829	59	614	Below Cal	#	88
16) Acetone	3.866	43	280	1.348	ug/l #	36
20) Methylene Chloride	4.604	84	6463	Below Cal	#	96
25) 2-Butanone	6.859	43	466	1.393	ug/l #	41
31) Cyclohexane	7.701	56	2323	Below Cal	#	1
36) 1,1-Dichloropropene	7.701	75	8119	4.993	ug/l #	50
38) Carbon Tetrachloride	7.701	117	11136	5.910	ug/l #	17
51) 4-Methyl-2-Pentanone	10.103	43	1070	1.384	ug/l #	1
73) Isopropylbenzene	12.212	105	7835	1.927	ug/l #	1
76) 1,2,3-Trichloropropane	12.407	75	29964	57.261	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.212	75	1470	6.938	ug/l #	1

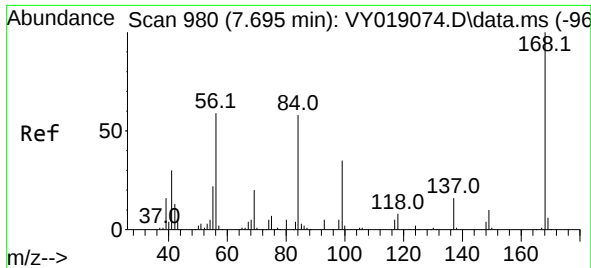
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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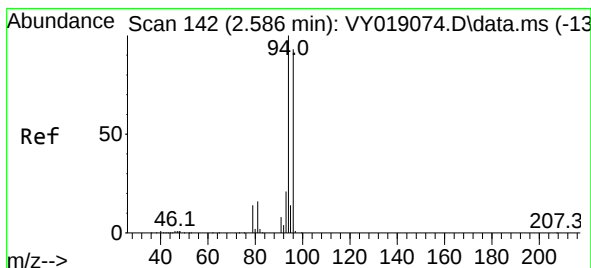
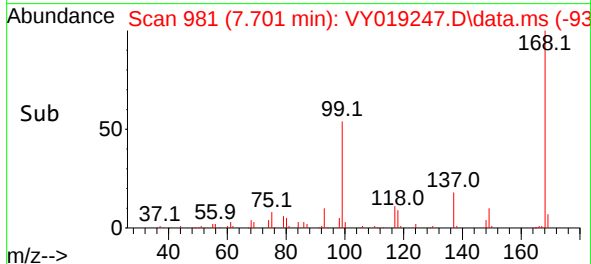
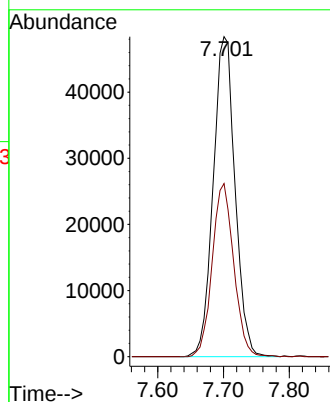
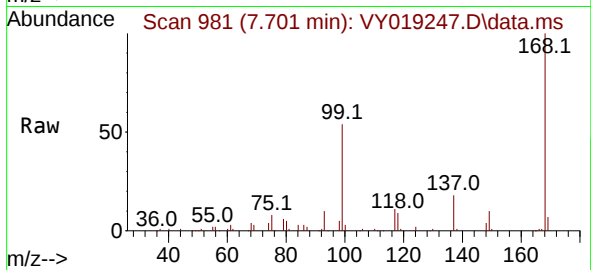




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019247.D
Acq: 23 Aug 2024 10:55

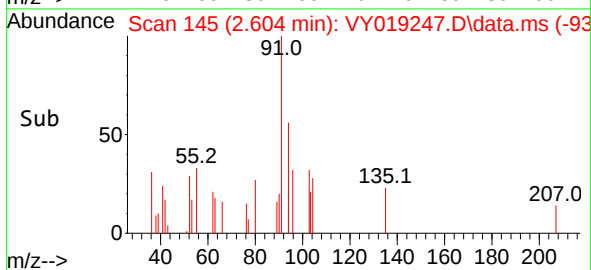
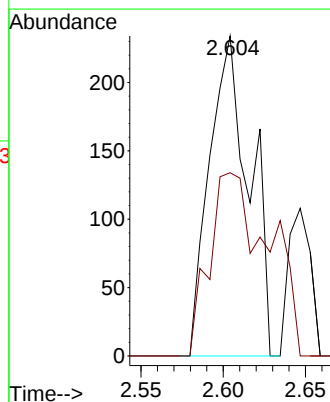
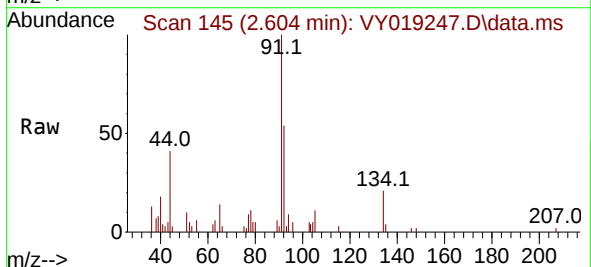
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 111761
Ion Ratio Lower Upper
168 100
99 54.1 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.604 min Scan# 145
Delta R.T. 0.018 min
Lab File: VY019247.D
Acq: 23 Aug 2024 10:55

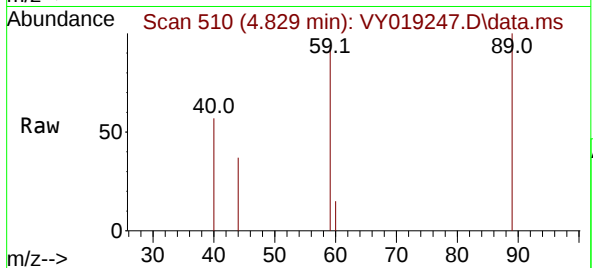
Tgt Ion: 94 Resp: 396
Ion Ratio Lower Upper
94 100
96 57.3 74.1 111.1#



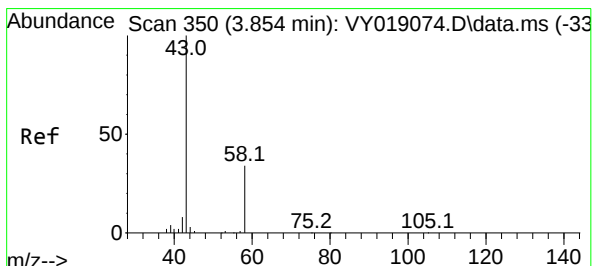
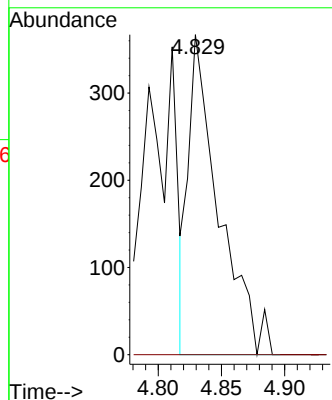
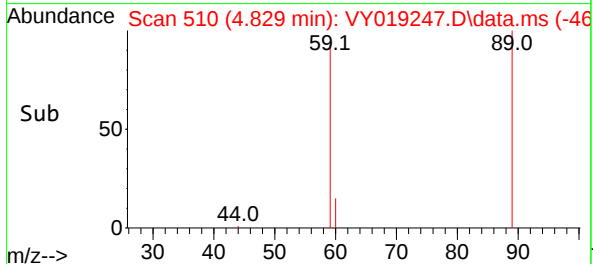


#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.829 min Scan# 512
Delta R.T. -0.013 min
Lab File: VY019247.D
Acq: 23 Aug 2024 10:55

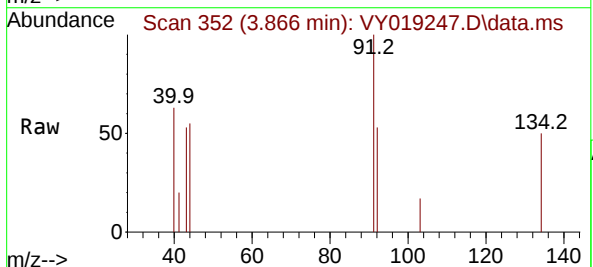
Instrument :
MSVOA_Y
ClientSampleId :



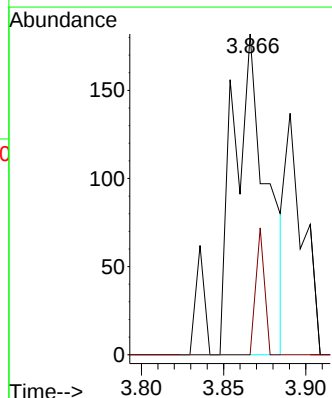
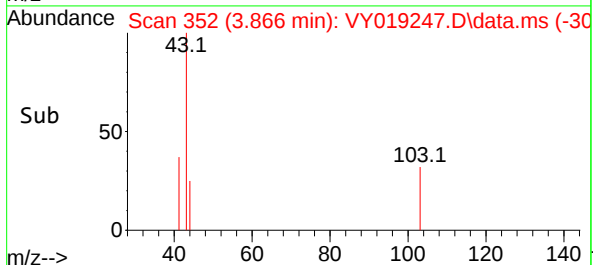
Tgt Ion: 59 Resp: 614
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

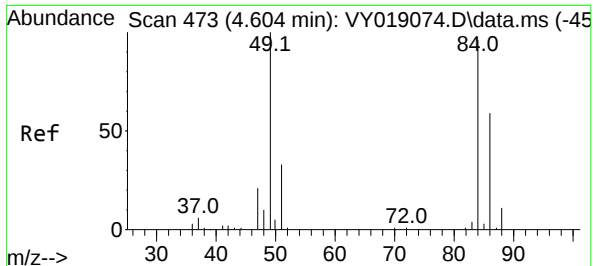


#16
Acetone
Concen: 1.348 ug/l
RT: 3.866 min Scan# 352
Delta R.T. 0.012 min
Lab File: VY019247.D
Acq: 23 Aug 2024 10:55



Tgt Ion: 43 Resp: 280
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

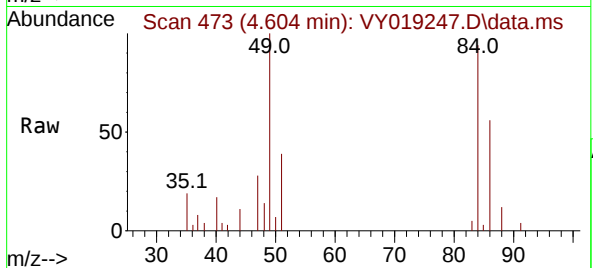
Lab File: VY019247.D

Acq: 23 Aug 2024 10:55

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 6463

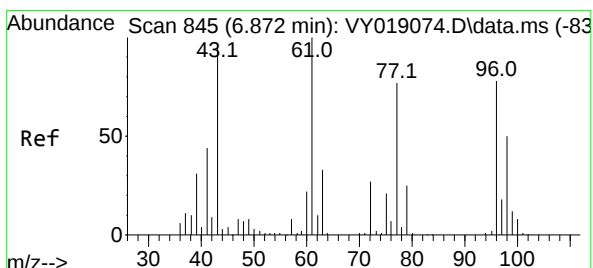
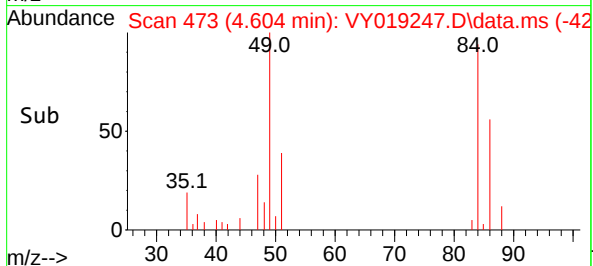
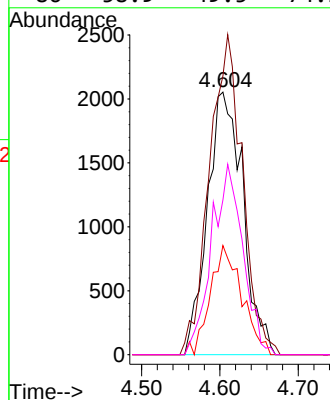
Ion Ratio Lower Upper

84 100

49 106.1 84.4 126.6

51 41.5 26.0 39.0#

86 58.9 49.5 74.3



#25

2-Butanone

Concen: 1.393 ug/l

RT: 6.859 min Scan# 843

Delta R.T. -0.012 min

Lab File: VY019247.D

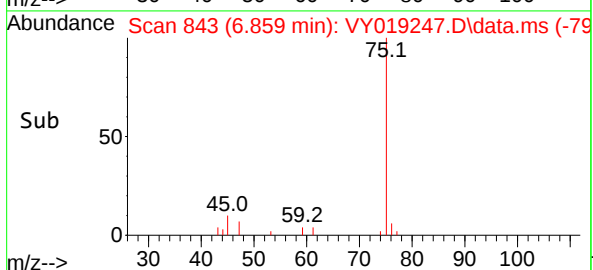
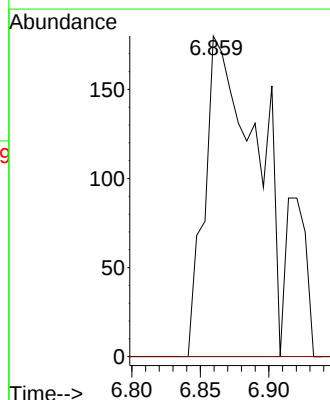
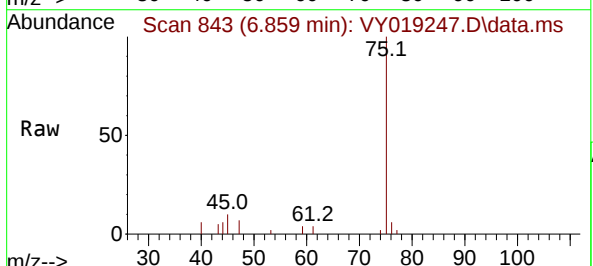
Acq: 23 Aug 2024 10:55

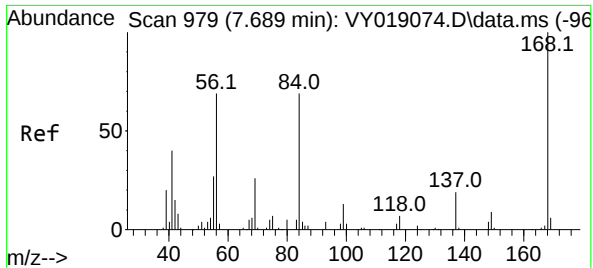
Tgt Ion: 43 Resp: 466

Ion Ratio Lower Upper

43 100

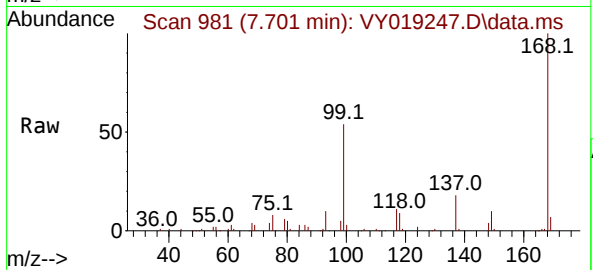
72 0.0 27.3 40.9#



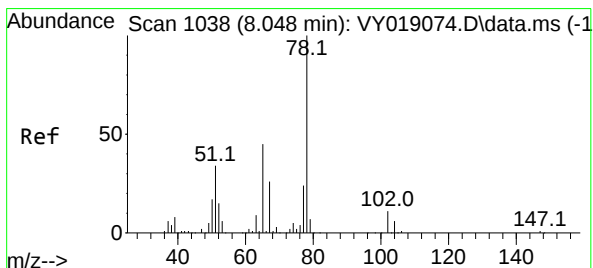
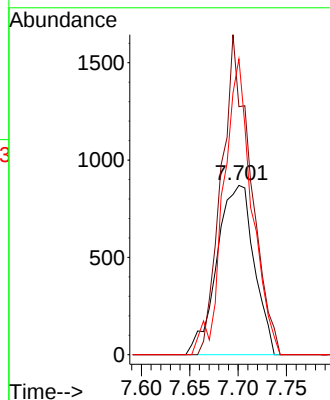
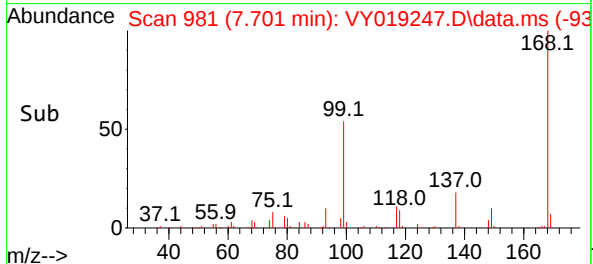


#31
Cyclohexane
Concen: Below Cal
RT: 7.701 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY019247.D
Acq: 23 Aug 2024 10:55

Instrument :
MSVOA_Y
ClientSampleId :

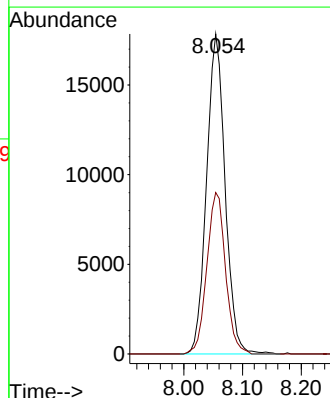
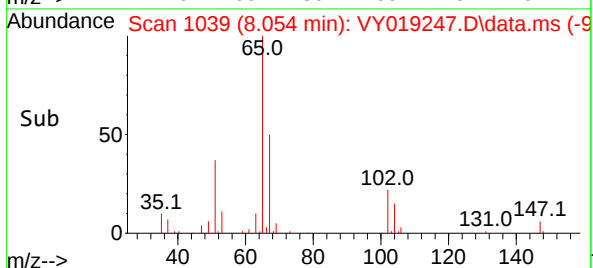
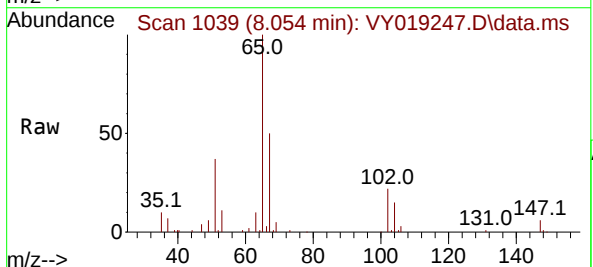


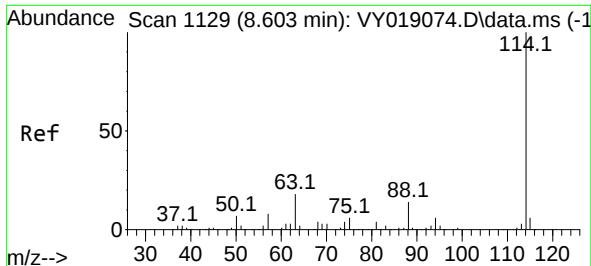
Tgt Ion: 56 Resp: 2323
Ion Ratio Lower Upper
56 100
69 146.4 28.7 43.1#
84 174.6 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 34.919 ug/l
RT: 8.054 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019247.D
Acq: 23 Aug 2024 10:55

Tgt Ion: 65 Resp: 39120
Ion Ratio Lower Upper
65 100
67 50.9 0.0 109.6

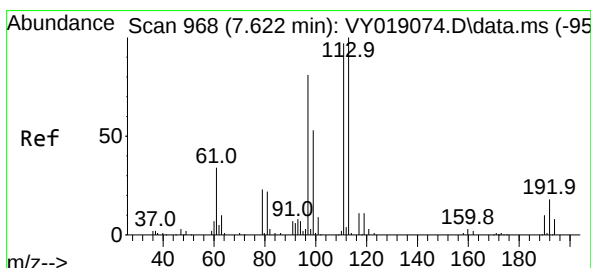
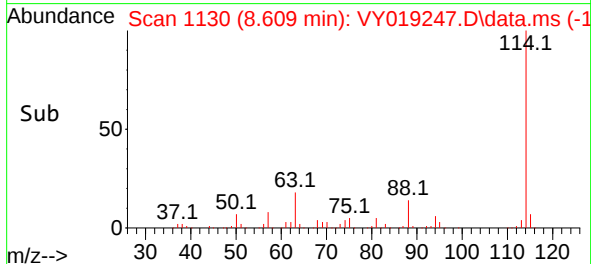
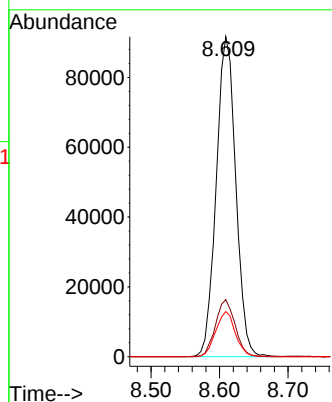
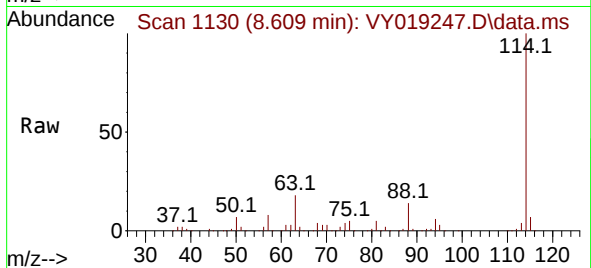




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.609 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VY019247.D
Acq: 23 Aug 2024 10:55

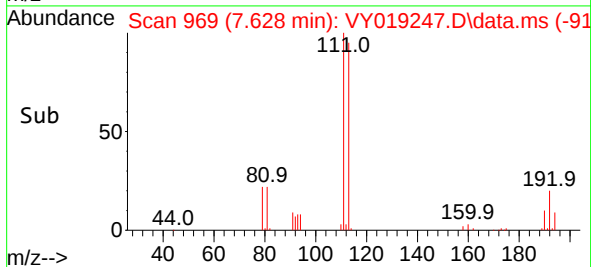
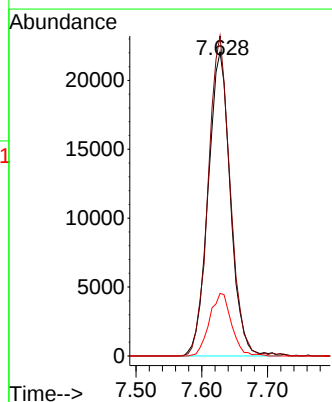
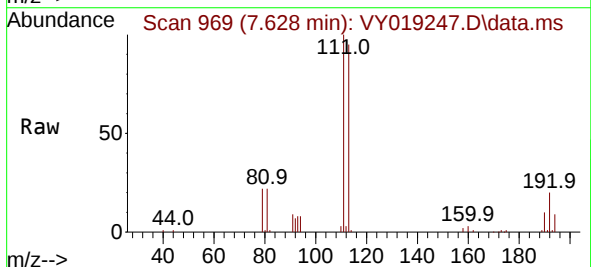
Instrument :
MSVOA_Y
ClientSampleId :

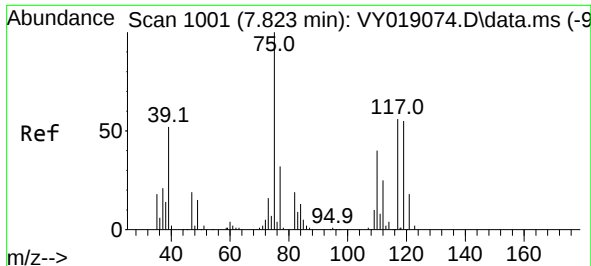
Tgt Ion:114 Resp: 181091
Ion Ratio Lower Upper
114 100
63 17.9 0.0 35.0
88 14.1 0.0 27.2



#35
Dibromofluoromethane
Concen: 43.831 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY019247.D
Acq: 23 Aug 2024 10:55

Tgt Ion:113 Resp: 51900
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.4
192 20.4 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.993 ug/l

RT: 7.701 min Scan# 981

Delta R.T. -0.122 min

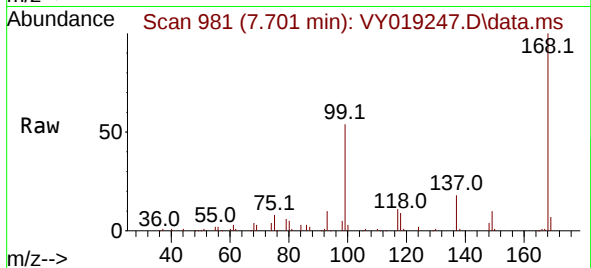
Lab File: VY019247.D

Acq: 23 Aug 2024 10:55

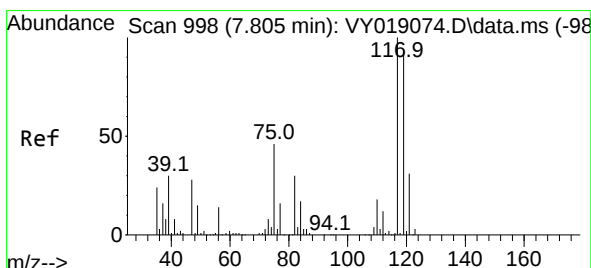
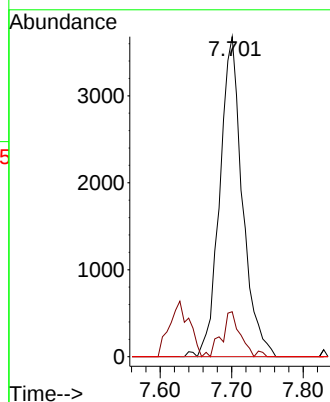
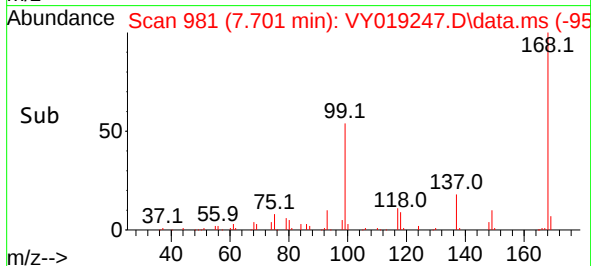
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 75	Resp: 8119
Ion Ratio	Lower Upper
75	100
110	11.2 19.0 57.0#
77	0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.910 ug/l

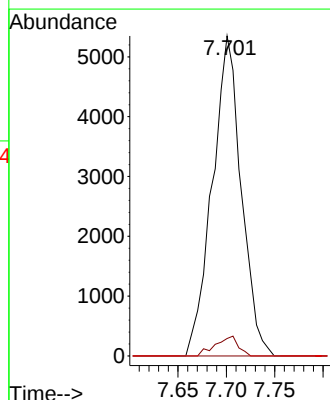
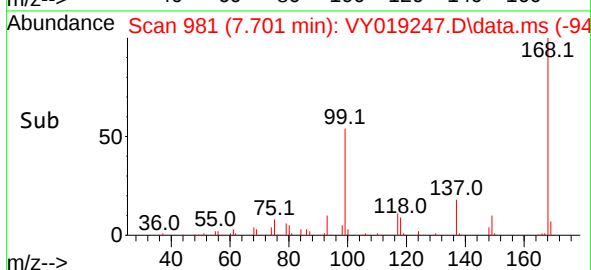
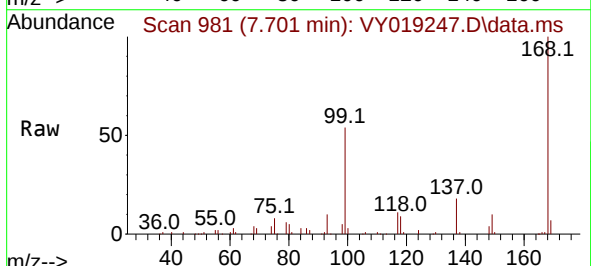
RT: 7.701 min Scan# 981

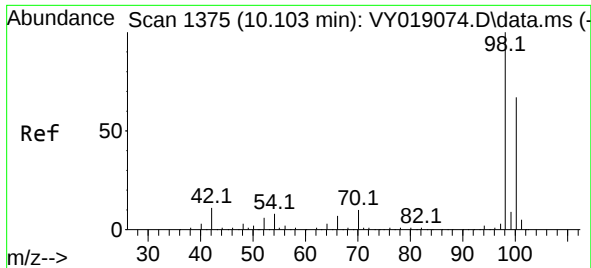
Delta R.T. -0.104 min

Lab File: VY019247.D

Acq: 23 Aug 2024 10:55

Tgt Ion: 117	Resp: 11136
Ion Ratio	Lower Upper
117	100
119	5.4 75.8 113.6#
121	0.0 24.0 36.0#

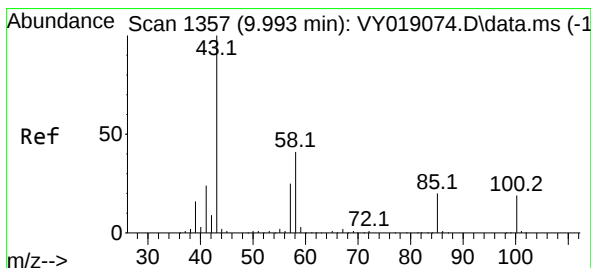
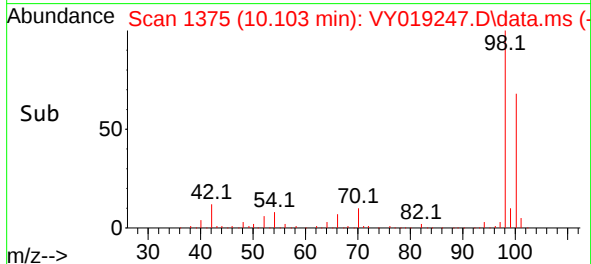
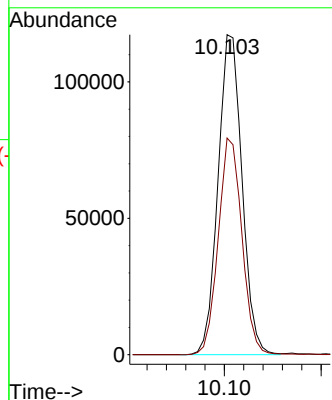
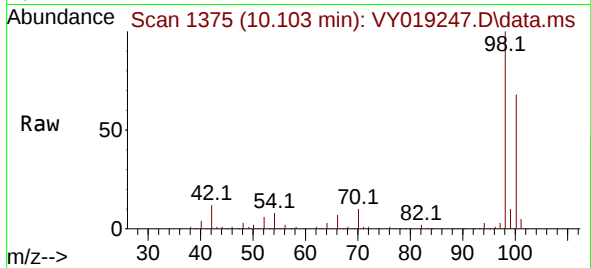




#50
Toluene-d8
Concen: 47.379 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY019247.D
Acq: 23 Aug 2024 10:55

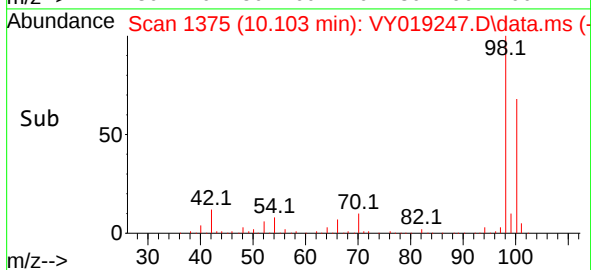
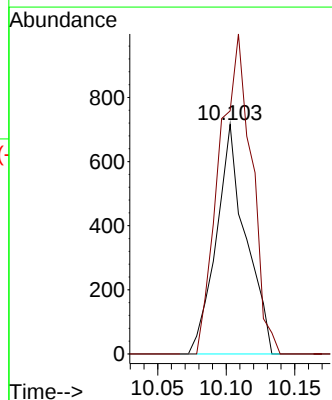
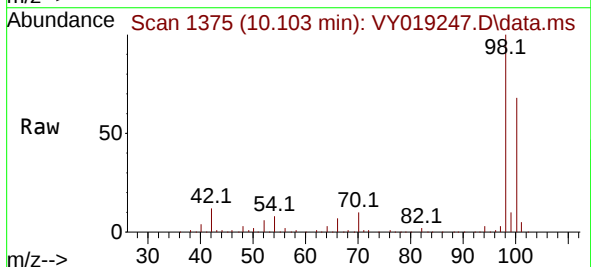
Instrument :
MSVOA_Y
ClientSampleId :

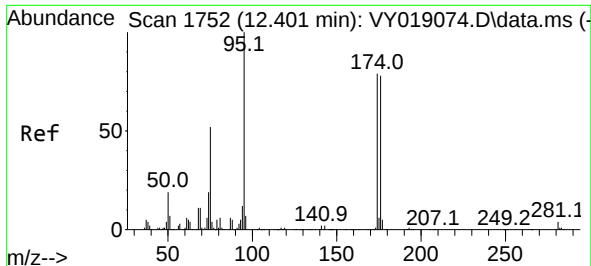
Tgt Ion: 98 Resp: 201885
Ion Ratio Lower Upper
98 100
100 66.7 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.384 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.110 min
Lab File: VY019247.D
Acq: 23 Aug 2024 10:55

Tgt Ion: 43 Resp: 1070
Ion Ratio Lower Upper
43 100
58 153.4 35.7 53.5#

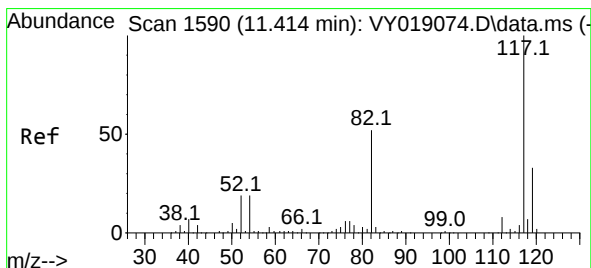
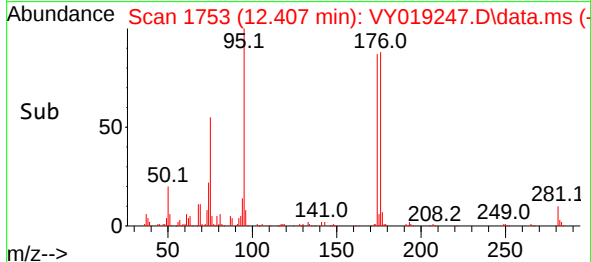
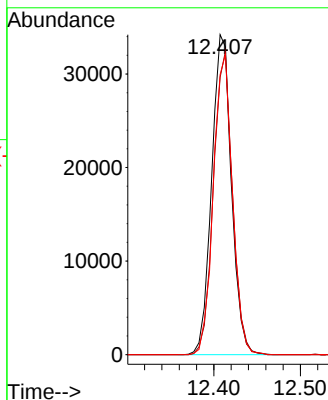
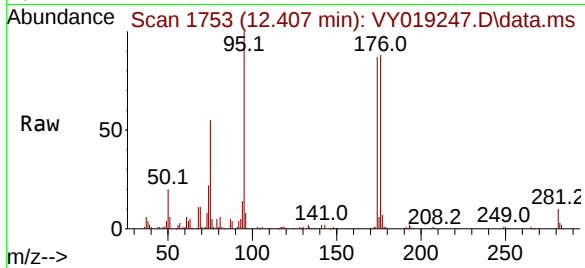




#62
4-Bromofluorobenzene
Concen: 37.372 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019247.D
Acq: 23 Aug 2024 10:55

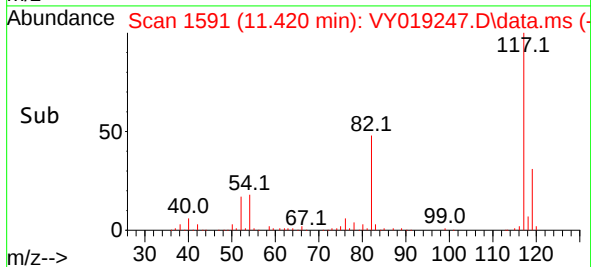
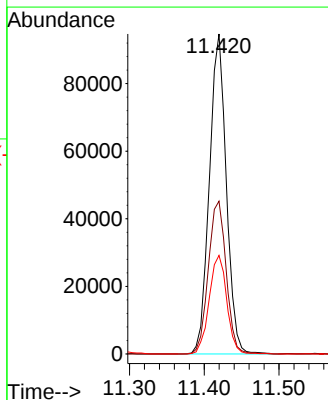
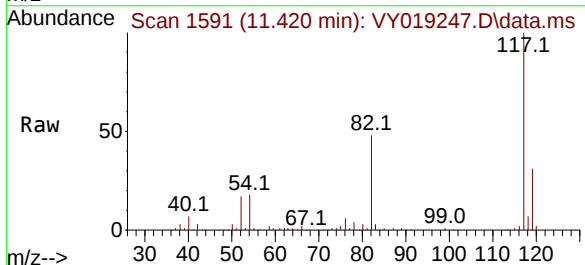
Instrument :
MSVOA_Y
ClientSampleId :

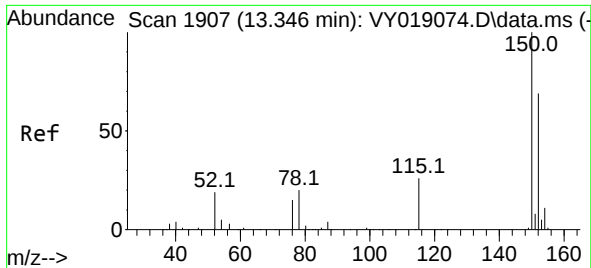
Tgt Ion: 95 Resp: 54287
Ion Ratio Lower Upper
95 100
174 90.7 0.0 175.6
176 90.6 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.006 min
Lab File: VY019247.D
Acq: 23 Aug 2024 10:55

Tgt Ion: 117 Resp: 149099
Ion Ratio Lower Upper
117 100
82 47.7 42.4 63.6
119 30.8 25.9 38.9

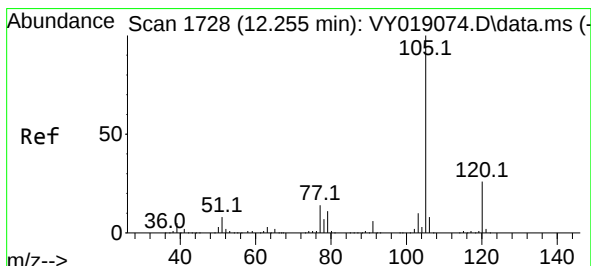
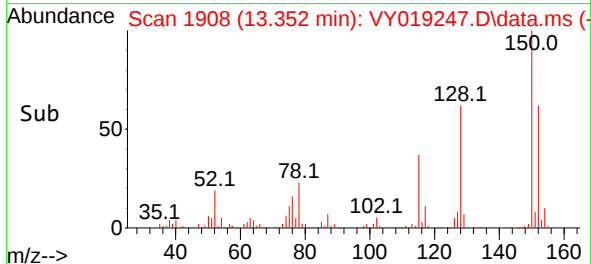
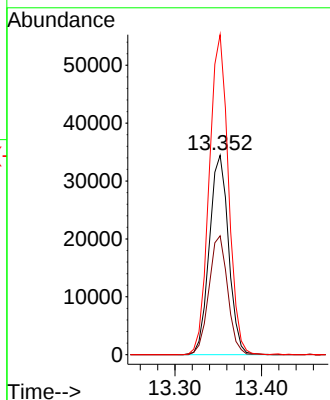
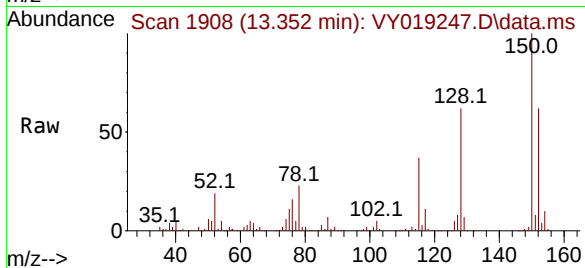




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VY019247.D
Acq: 23 Aug 2024 10:55

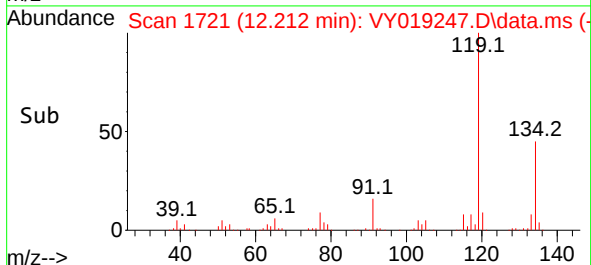
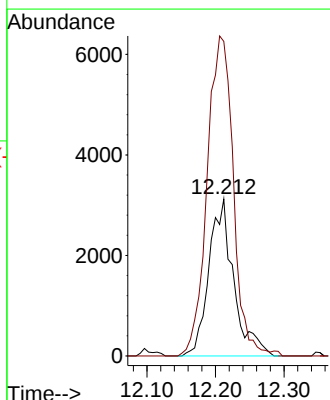
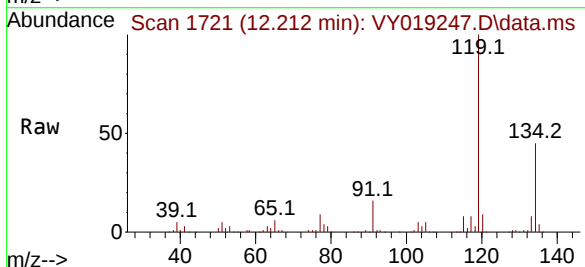
Instrument :
MSVOA_Y
ClientSampleId :

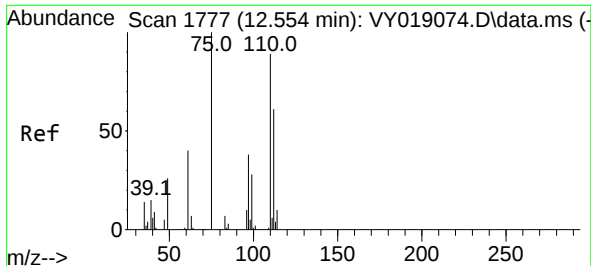
Tgt Ion:152 Resp: 53062
Ion Ratio Lower Upper
152 100
115 58.4 28.2 84.7
150 160.2 0.0 345.6



#73
Isopropylbenzene
Concen: 1.927 ug/l
RT: 12.212 min Scan# 1721
Delta R.T. -0.043 min
Lab File: VY019247.D
Acq: 23 Aug 2024 10:55

Tgt Ion:105 Resp: 7835
Ion Ratio Lower Upper
105 100
120 216.1 13.4 40.1#

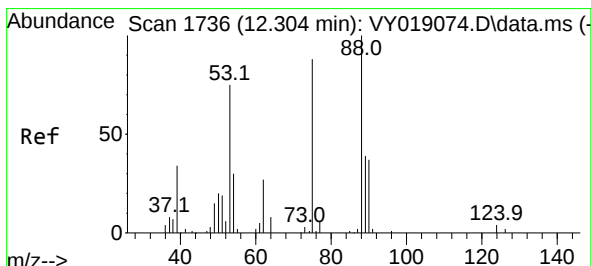
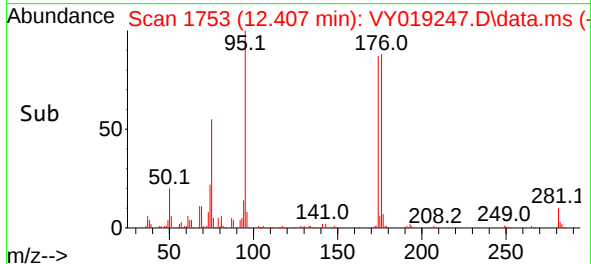
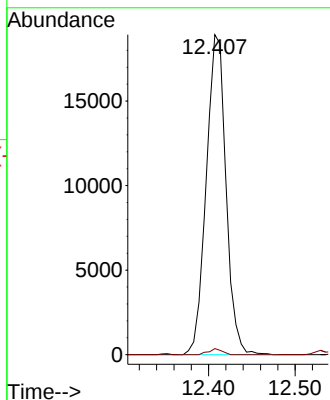
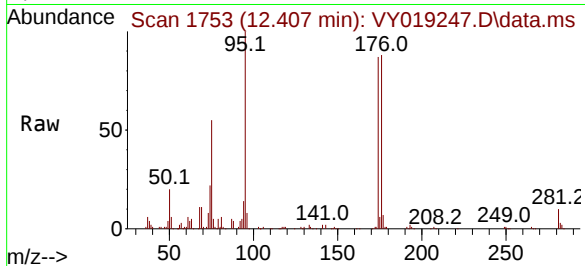




#76
1,2,3-Trichloropropane
Concen: 57.261 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY019247.D
Acq: 23 Aug 2024 10:55

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 29964
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 6.938 ug/l
RT: 12.212 min Scan# 1721
Delta R.T. -0.092 min
Lab File: VY019247.D
Acq: 23 Aug 2024 10:55

Tgt Ion: 75 Resp: 1470
Ion Ratio Lower Upper
75 100
53 326.5 66.8 100.2#
89 174.4 35.8 53.6#

