

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081924\
 Data File : VY019135.D
 Acq On : 20 Aug 2024 00:15
 Operator : SY/MD
 Sample : VY0819SBL02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 20 01:53:56 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)

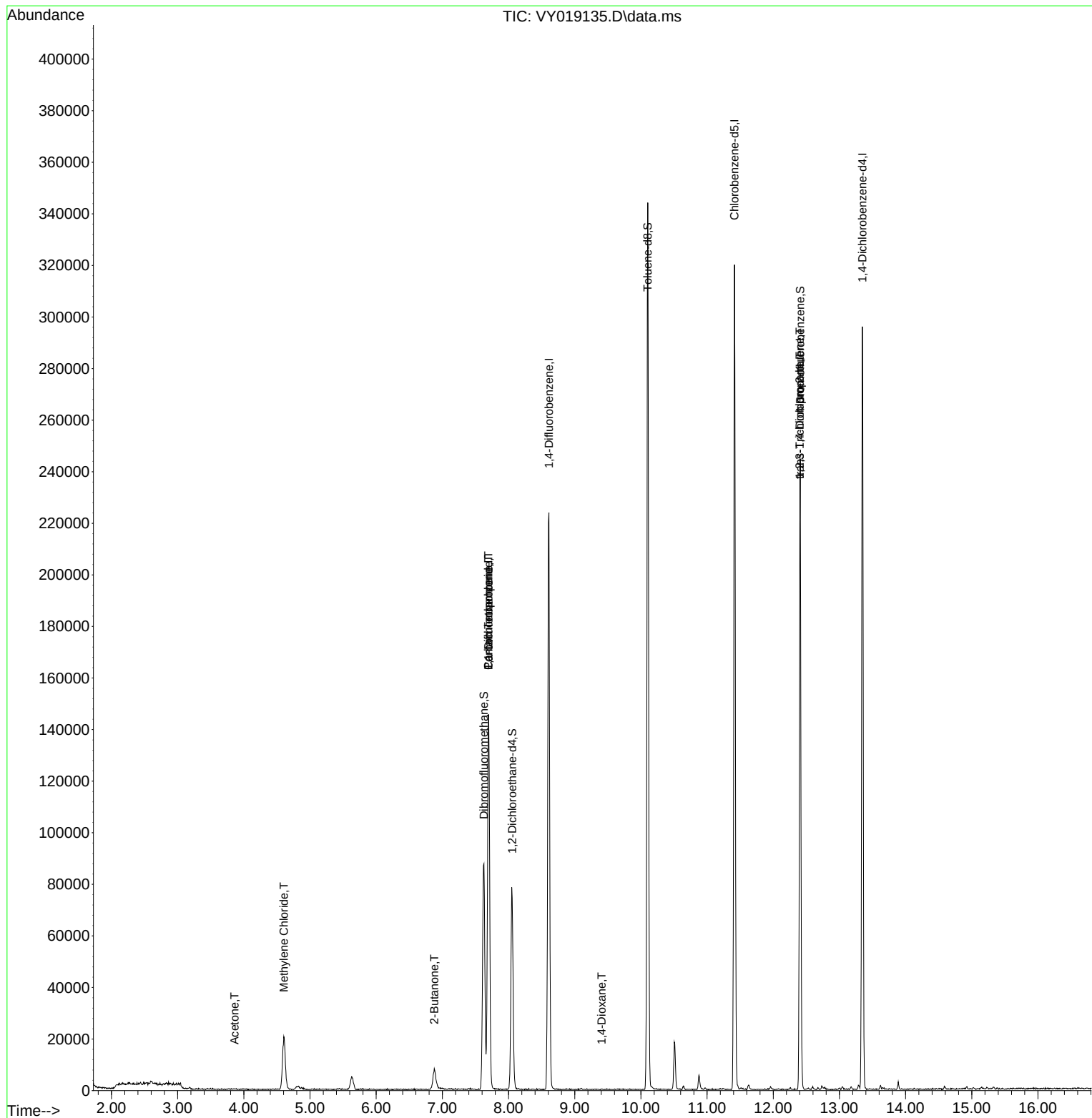
Internal Standards						
1) Pentafluorobenzene	7.695	168	114687	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	194110	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	165810	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	75005	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	59710	51.938	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.880%			
35) Dibromofluoromethane	7.628	113	62471	49.221	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.440%			
50) Toluene-d8	10.103	98	217922	47.712	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 95.420%			
62) 4-Bromofluorobenzene	12.408	95	70127	45.039	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 90.080%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.599	94	674	Below Cal		98
6) Chloroethane	2.757	64	26	Below Cal	#	42
11) Tert butyl alcohol	4.836	59	610	Below Cal	#	88
16) Acetone	3.860	43	281	1.318 ug/l	#	36
20) Methylene Chloride	4.604	84	15585	1.940 ug/l		97
25) 2-Butanone	6.878	43	360	1.048 ug/l	#	41
31) Cyclohexane	7.695	56	2734	Below Cal	#	54
36) 1,1-Dichloropropene	7.695	75	8460	4.854 ug/l	#	49
38) Carbon Tetrachloride	7.695	117	11431	5.660 ug/l	#	17
49) 1,4-Dioxane	9.408	88	23	2.458 ug/l	#	20
76) 1,2,3-Trichloropropane	12.402	75	37951	51.307 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.402	75	37951	126.711 ug/l	#	16

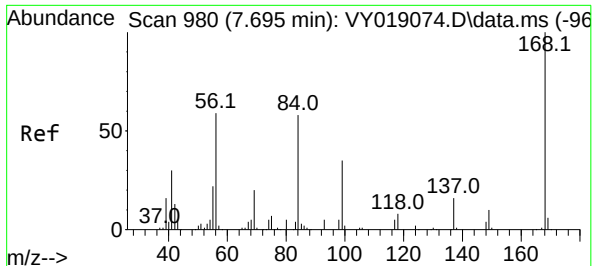
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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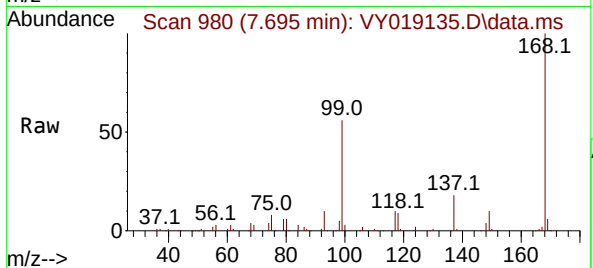
Quant Time: Aug 20 01:53:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 16 05:10:30 2024
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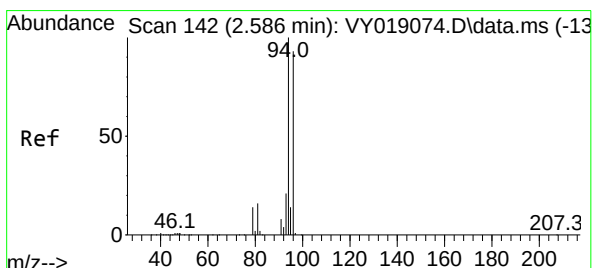
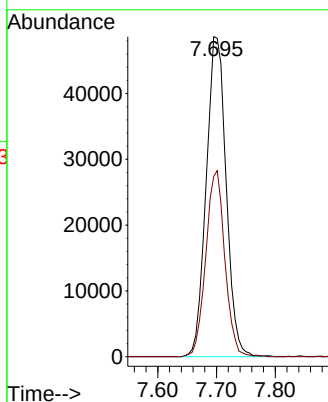
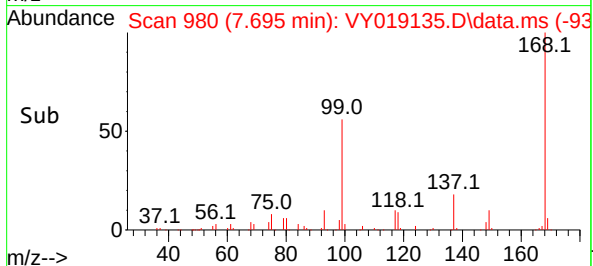


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019135.D
Acq: 20 Aug 2024 00:15

Instrument :
MSVOA_Y
ClientSampleId :

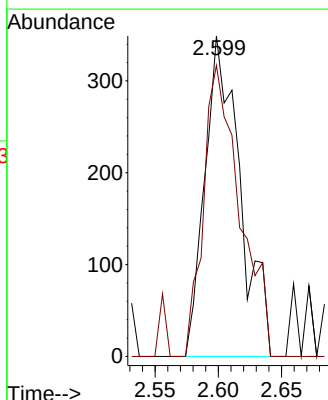
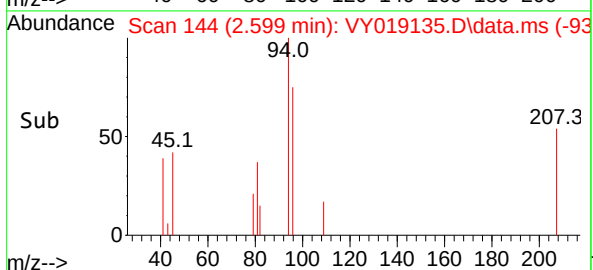
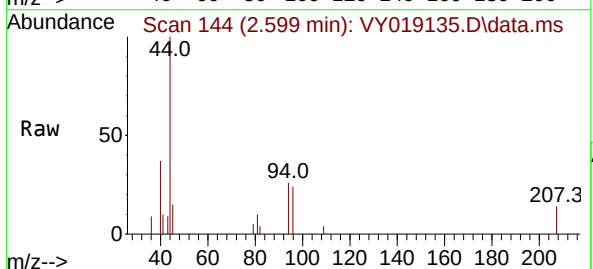


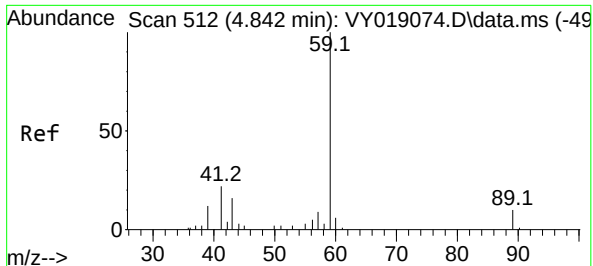
Tgt Ion:168 Resp: 114687
Ion Ratio Lower Upper
168 100
99 56.3 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.599 min Scan# 144
Delta R.T. 0.013 min
Lab File: VY019135.D
Acq: 20 Aug 2024 00:15

Tgt Ion: 94 Resp: 674
Ion Ratio Lower Upper
94 100
96 90.8 74.1 111.1





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.836 min Scan# 511

Delta R.T. -0.006 min

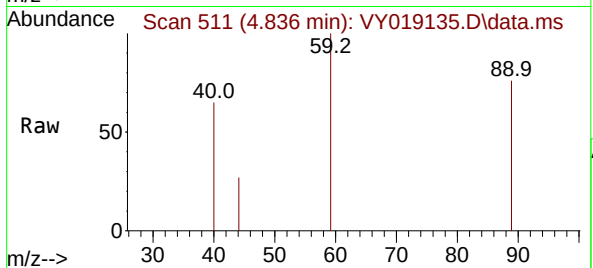
Lab File: VY019135.D

Acq: 20 Aug 2024 00:15

Instrument :

MSVOA_Y

ClientSampleId :

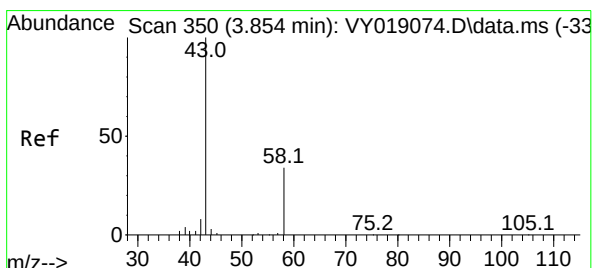
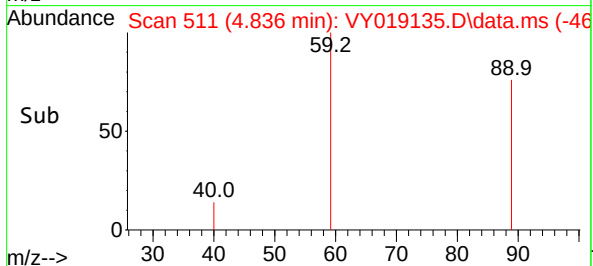
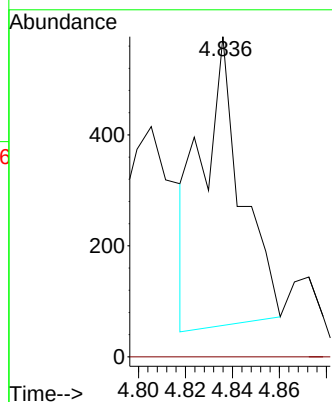


Tgt Ion: 59 Resp: 610

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#



#16

Acetone

Concen: 1.318 ug/l

RT: 3.860 min Scan# 351

Delta R.T. 0.006 min

Lab File: VY019135.D

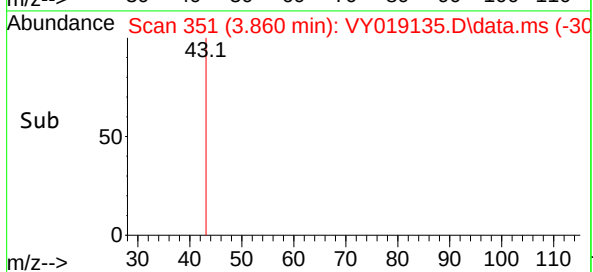
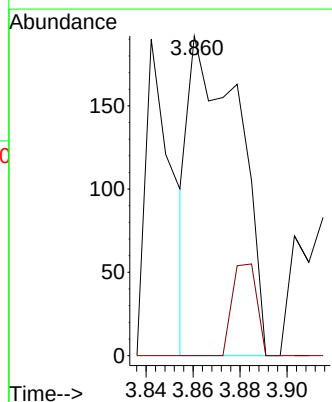
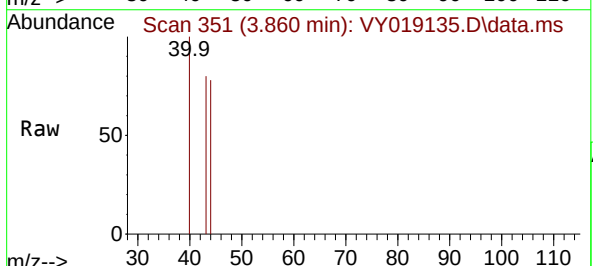
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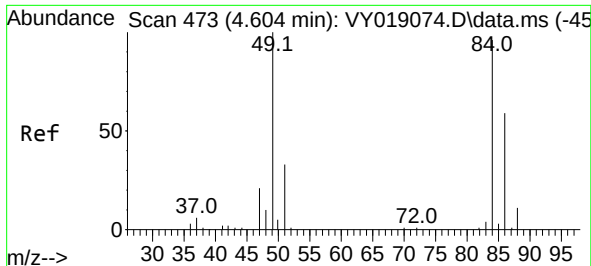
Tgt Ion: 43 Resp: 281

Ion Ratio Lower Upper

43 100

58 0.0 31.7 47.5#

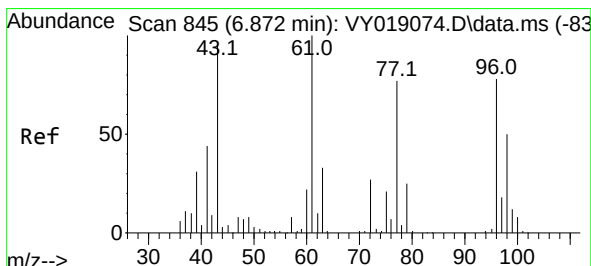
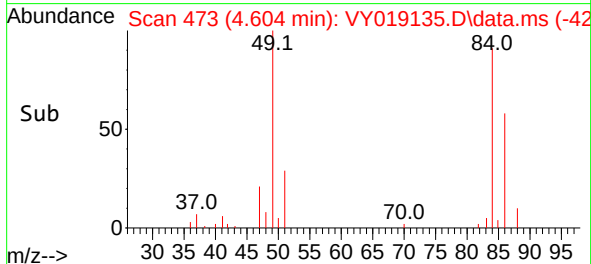
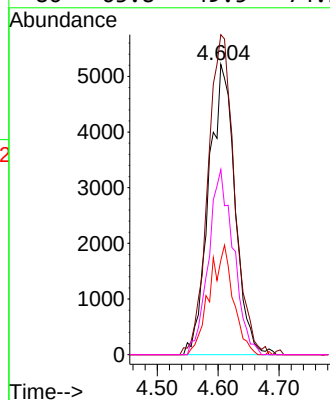
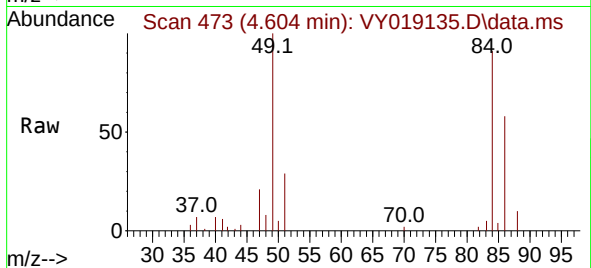




#20
Methylene Chloride
Concen: 1.940 ug/l
RT: 4.604 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY019135.D
Acq: 20 Aug 2024 00:15

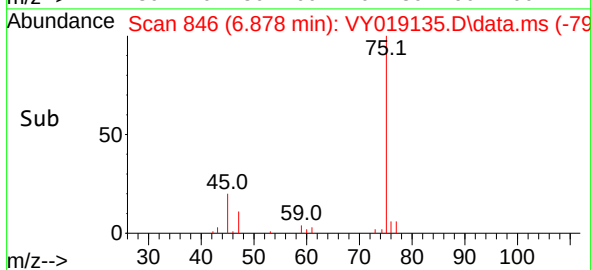
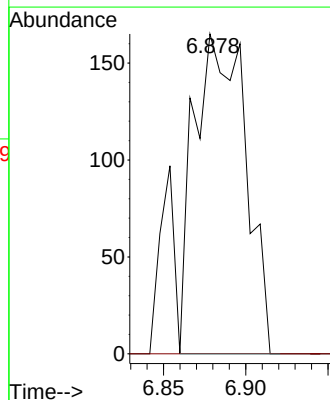
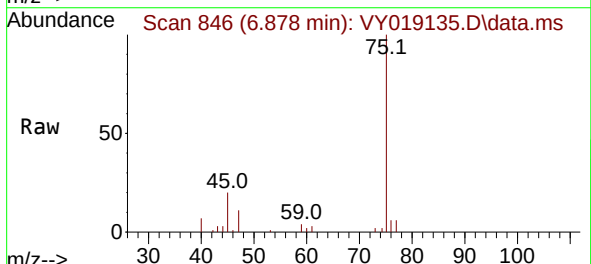
Instrument :
MSVOA_Y
ClientSampleId :

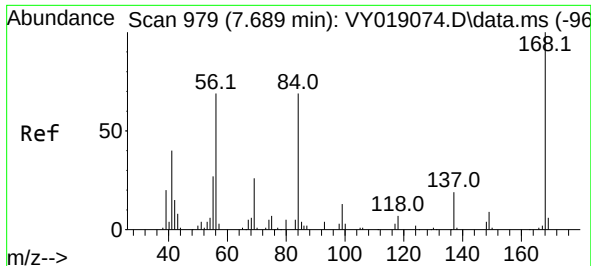
Tgt Ion: 84	Resp: 15585
Ion Ratio	Lower Upper
84 100	
49 110.3	84.4 126.6
51 32.5	26.0 39.0
86 63.8	49.5 74.3



#25
2-Butanone
Concen: 1.048 ug/l
RT: 6.878 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY019135.D
Acq: 20 Aug 2024 00:15

Tgt Ion: 43	Resp: 360		
Ion Ratio	Lower	Upper	
43 100			
72 0.0	27.3	40.9#	

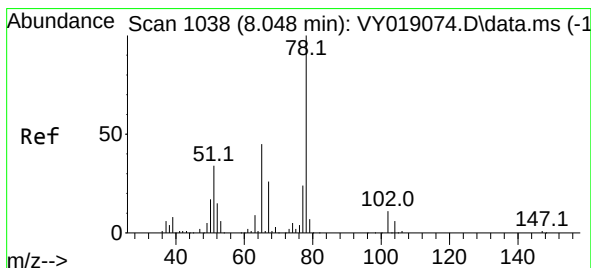
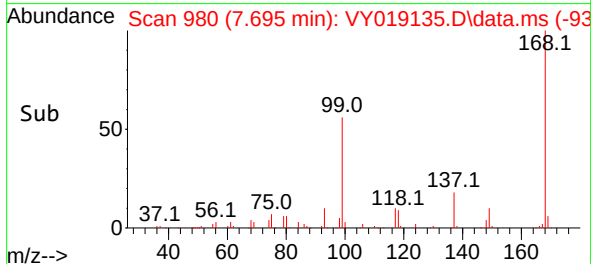
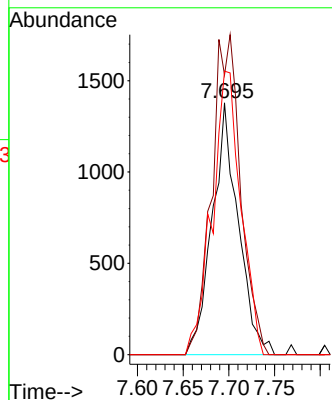
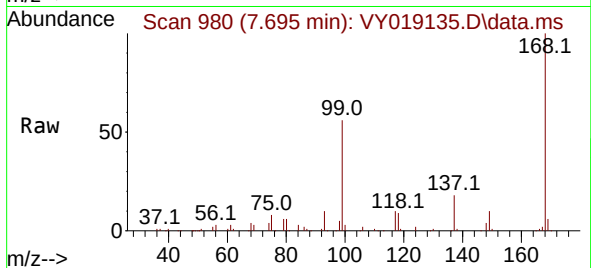




#31
Cyclohexane
Concen: Below Cal
RT: 7.695 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019135.D
Acq: 20 Aug 2024 00:15

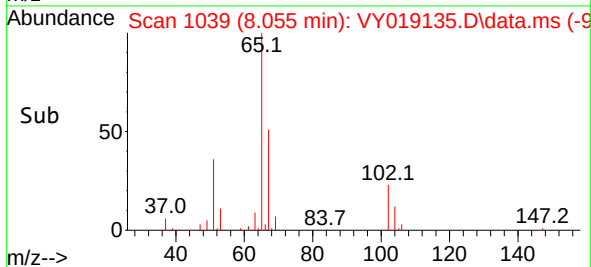
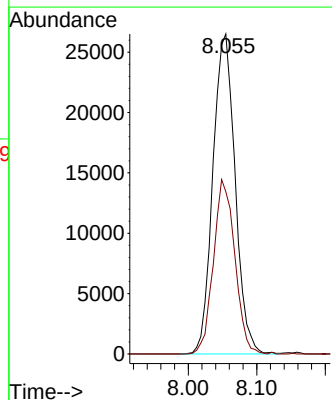
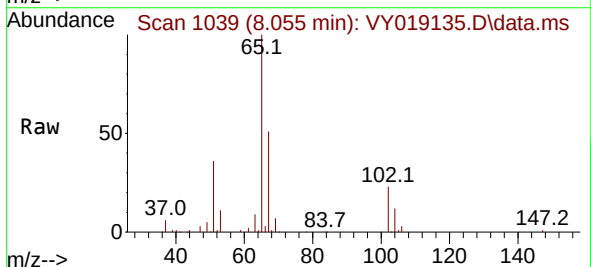
Instrument :
MSVOA_Y
ClientSampleId :

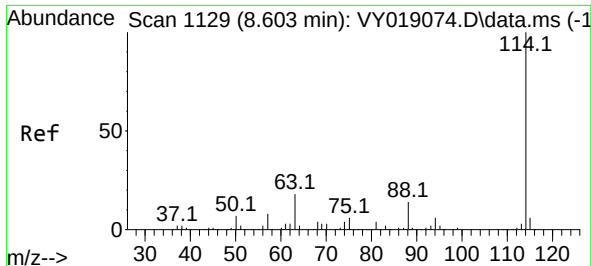
Tgt Ion: 56 Resp: 2734
Ion Ratio Lower Upper
56 100
69 111.0 28.7 43.1#
84 112.5 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 51.938 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019135.D
Acq: 20 Aug 2024 00:15

Tgt Ion: 65 Resp: 59710
Ion Ratio Lower Upper
65 100
67 52.4 0.0 109.6

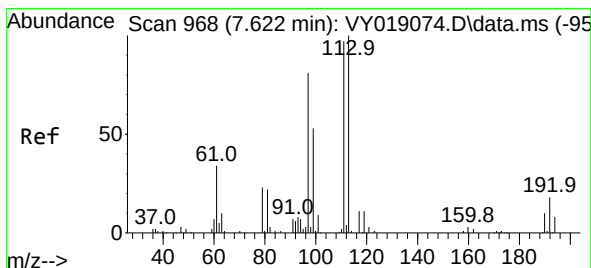
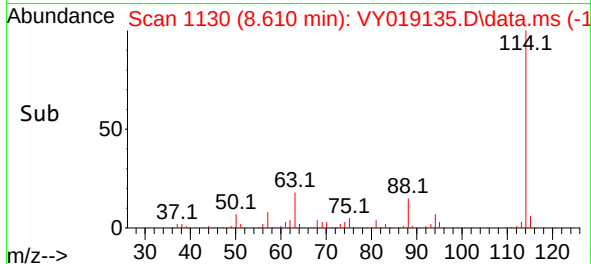
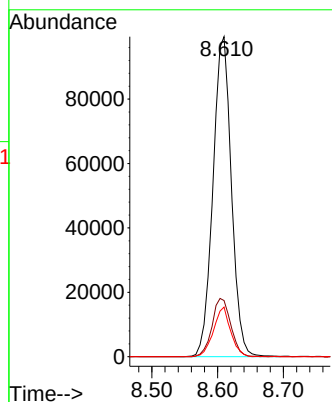
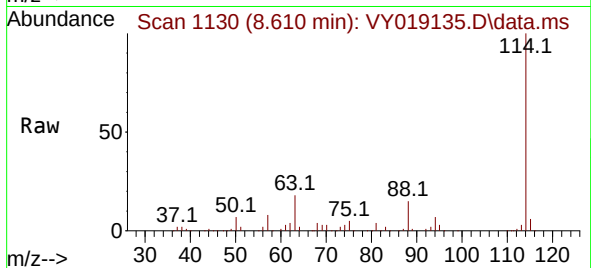




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.610 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VY019135.D
Acq: 20 Aug 2024 00:15

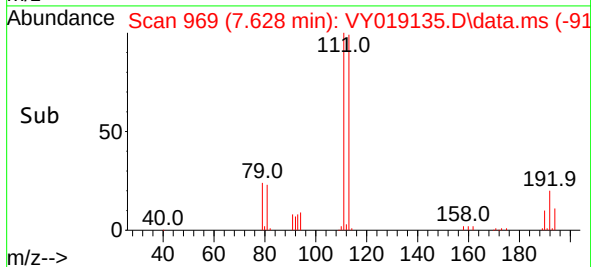
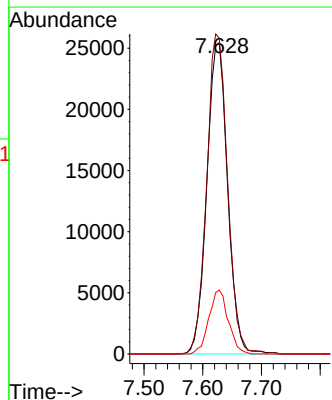
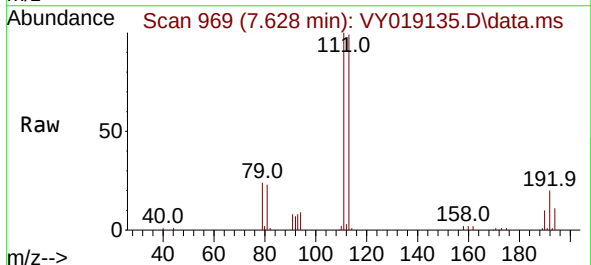
Instrument :
MSVOA_Y
ClientSampleId :

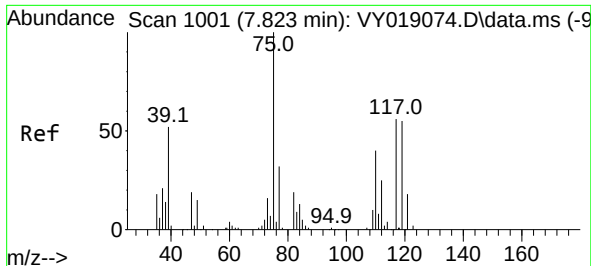
Tgt Ion:114 Resp: 194110
Ion Ratio Lower Upper
114 100
63 17.5 0.0 35.0
88 15.5 0.0 27.2



#35
Dibromofluoromethane
Concen: 49.221 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY019135.D
Acq: 20 Aug 2024 00:15

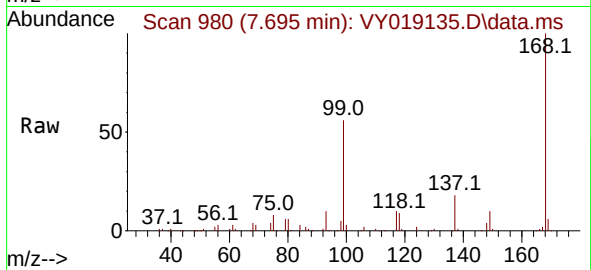
Tgt Ion:113 Resp: 62471
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.4
192 19.2 15.9 23.9



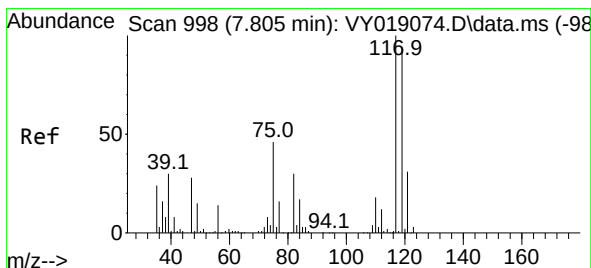
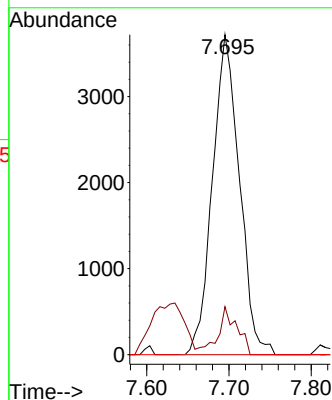
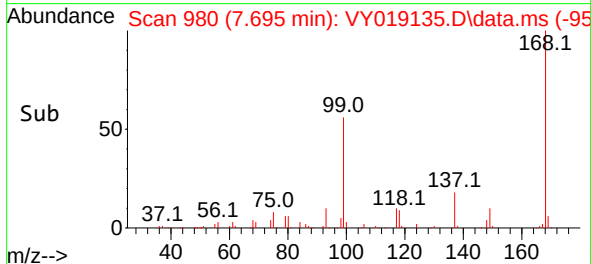


#36
1,1-Dichloropropene
Concen: 4.854 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY019135.D
Acq: 20 Aug 2024 00:15

Instrument :
MSVOA_Y
ClientSampleId :

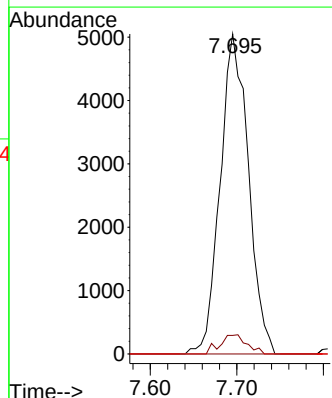
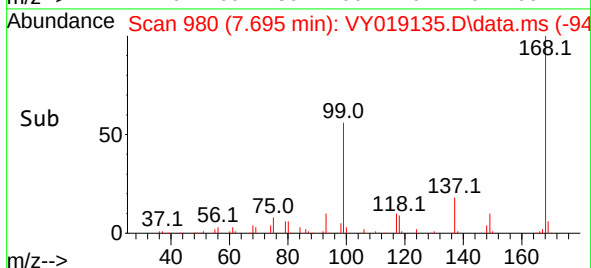
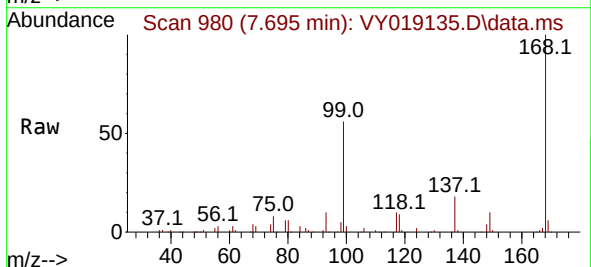


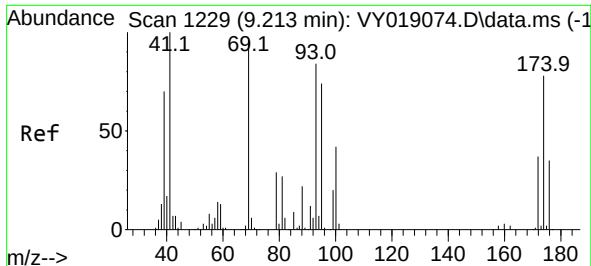
Tgt Ion: 75 Resp: 8460
Ion Ratio Lower Upper
75 100
110 10.3 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.660 ug/l
RT: 7.695 min Scan# 980
Delta R.T. -0.109 min
Lab File: VY019135.D
Acq: 20 Aug 2024 00:15

Tgt Ion: 117 Resp: 11431
Ion Ratio Lower Upper
117 100
119 5.8 75.8 113.6#
121 0.0 24.0 36.0#





#49

1,4-Dioxane

Concen: 2.458 ug/l

RT: 9.408 min Scan# 1261

Delta R.T. 0.195 min

Lab File: VY019135.D

Acq: 20 Aug 2024 00:15

Instrument :

MSVOA_Y

ClientSampleId :

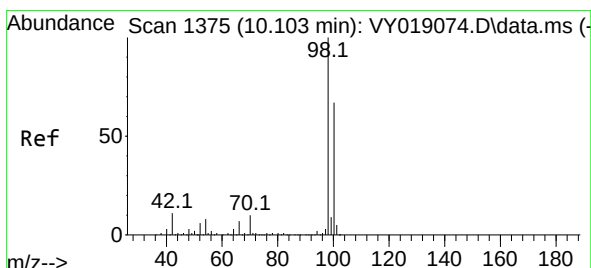
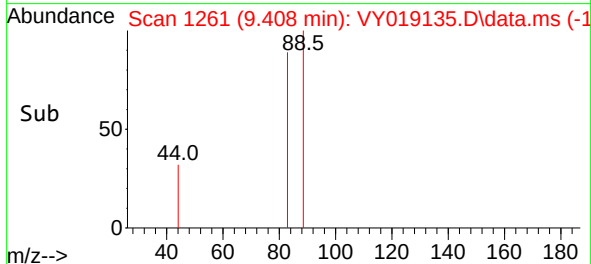
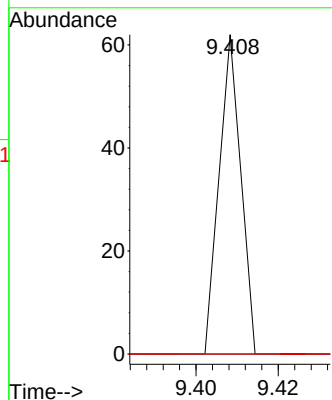
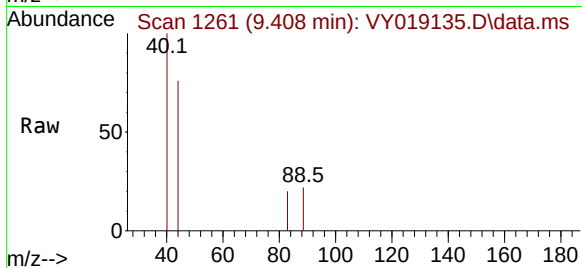
Tgt Ion: 88 Resp: 23

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 0.0 49.3 73.9#



#50

Toluene-d8

Concen: 47.712 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY019135.D

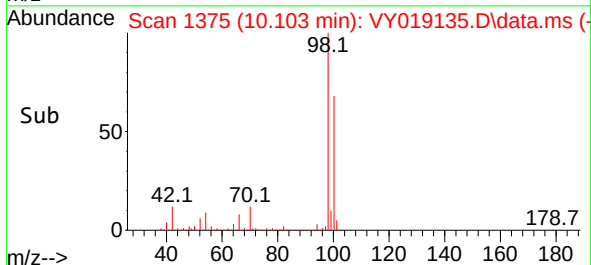
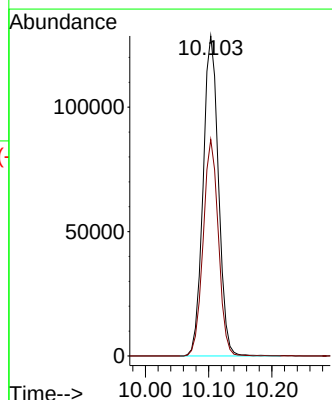
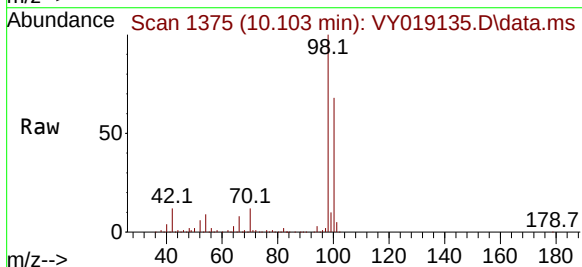
Acq: 20 Aug 2024 00:15

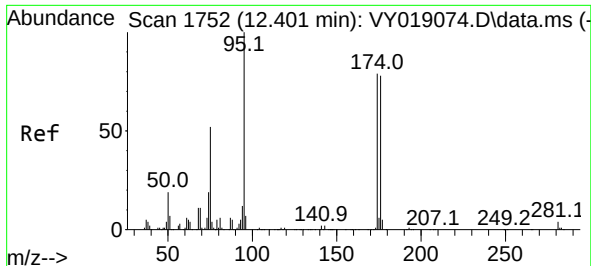
Tgt Ion: 98 Resp: 217922

Ion Ratio Lower Upper

98 100

100 66.8 52.0 78.0

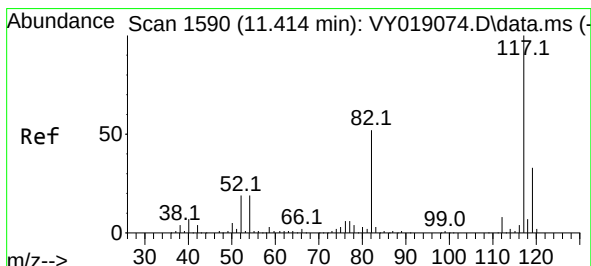
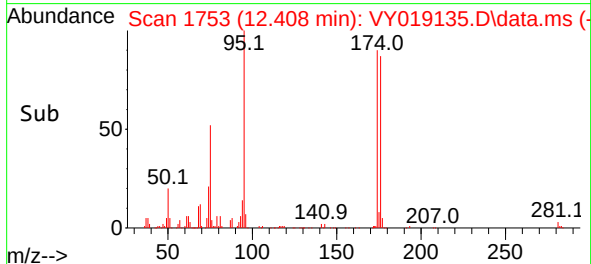
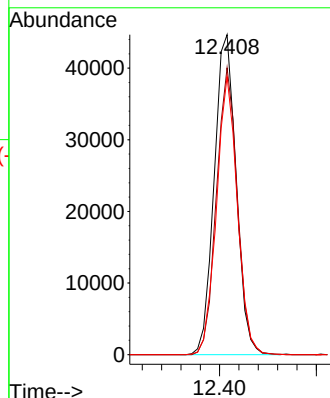
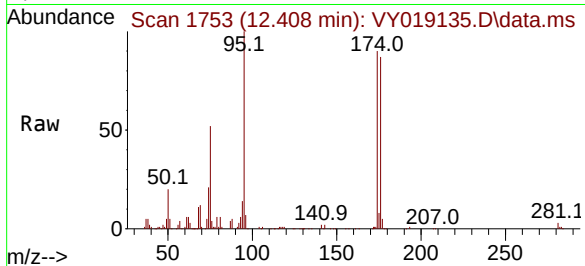




#62
4-Bromofluorobenzene
Concen: 45.039 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019135.D
Acq: 20 Aug 2024 00:15

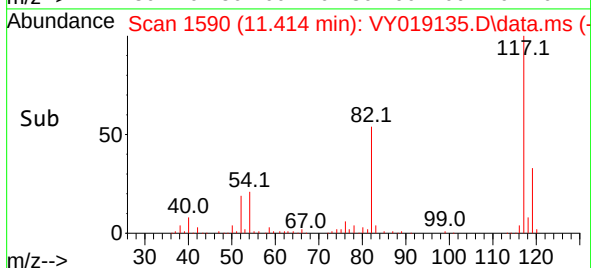
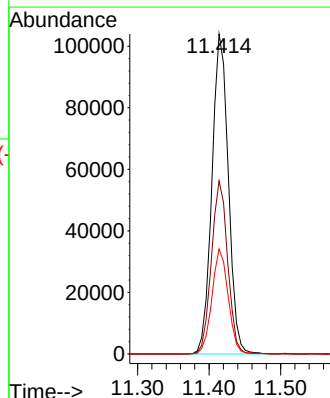
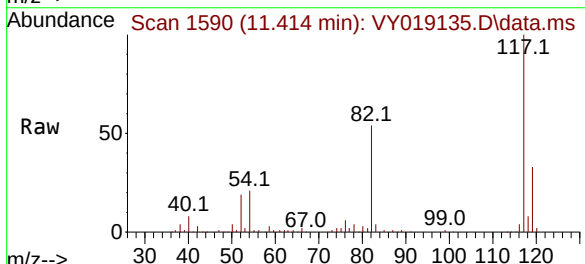
Instrument :
MSVOA_Y
ClientSampleId :

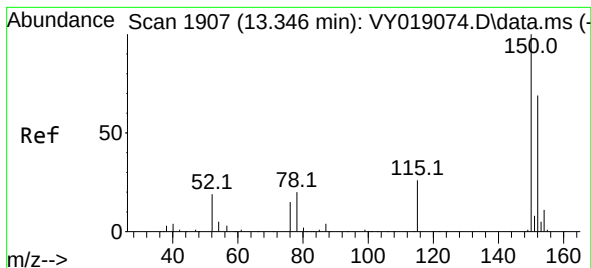
Tgt Ion:	95	Resp:	70127
Ion Ratio	Lower	Upper	
95	100		
174	85.8	0.0	175.6
176	82.7	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY019135.D
Acq: 20 Aug 2024 00:15

Tgt Ion:	117	Resp:	165810
Ion Ratio	Lower	Upper	
117	100		
82	54.1	42.4	63.6
119	32.8	25.9	38.9

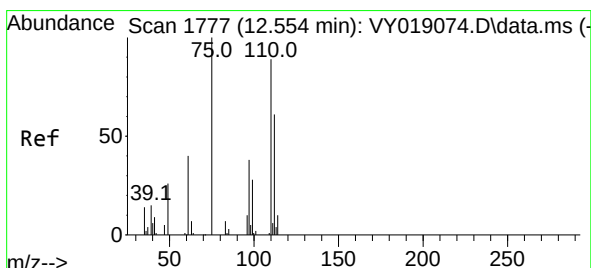
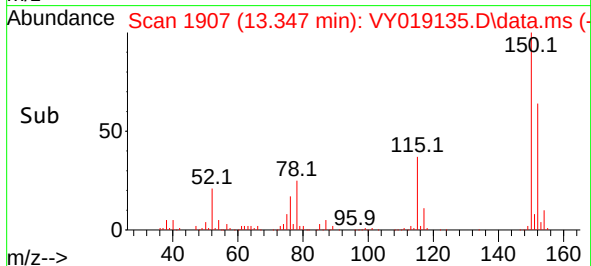
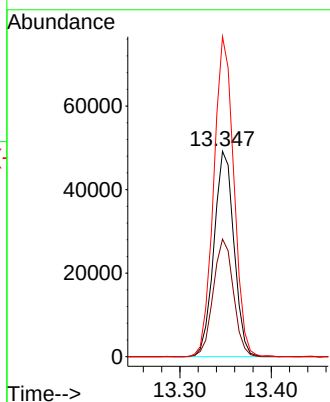
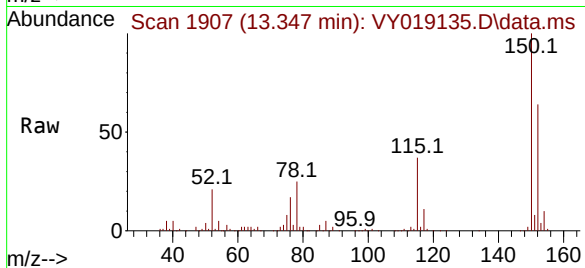




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019135.D
Acq: 20 Aug 2024 00:15

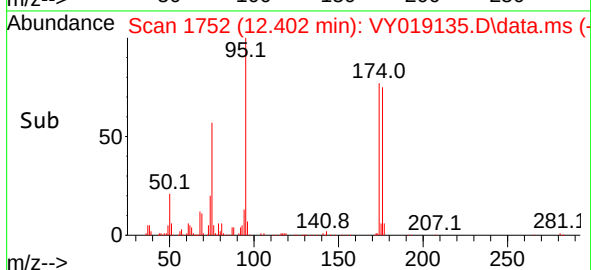
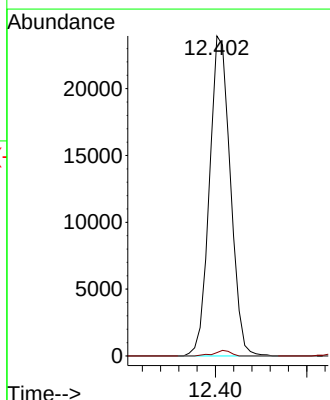
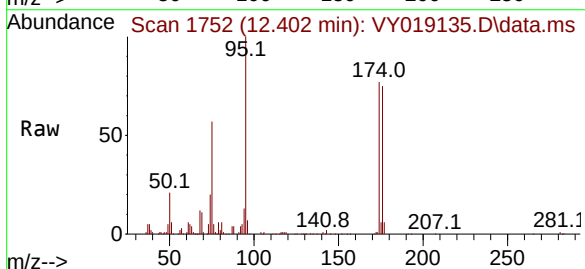
Instrument :
MSVOA_Y
ClientSampleId :

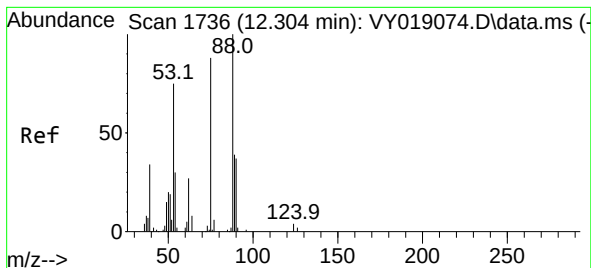
Tgt Ion:	152	Resp:	75005
Ion Ratio	Lower	Upper	
152	100		
115	57.6	28.2	84.7
150	156.1	0.0	345.6



#76
1,2,3-Trichloropropane
Concen: 51.307 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.152 min
Lab File: VY019135.D
Acq: 20 Aug 2024 00:15

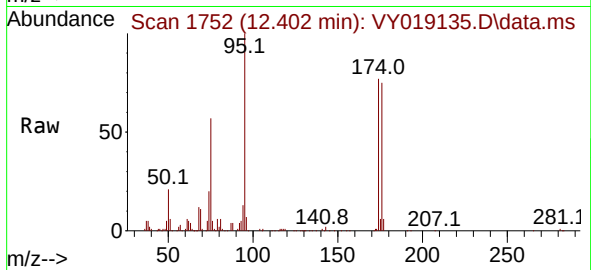
Tgt Ion:	75	Resp:	37951
Ion Ratio	Lower	Upper	
75	100		
77	1.4	0.0	0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 126.711 ug/l
 RT: 12.402 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY019135.D
 Acq: 20 Aug 2024 00:15

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 37951
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.0 35.8 53.6#

