

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082324\
 Data File : VY019255.D
 Acq On : 23 Aug 2024 14:16
 Operator : SY/MD
 Sample : P3663-03
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 23 22:57:23 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)

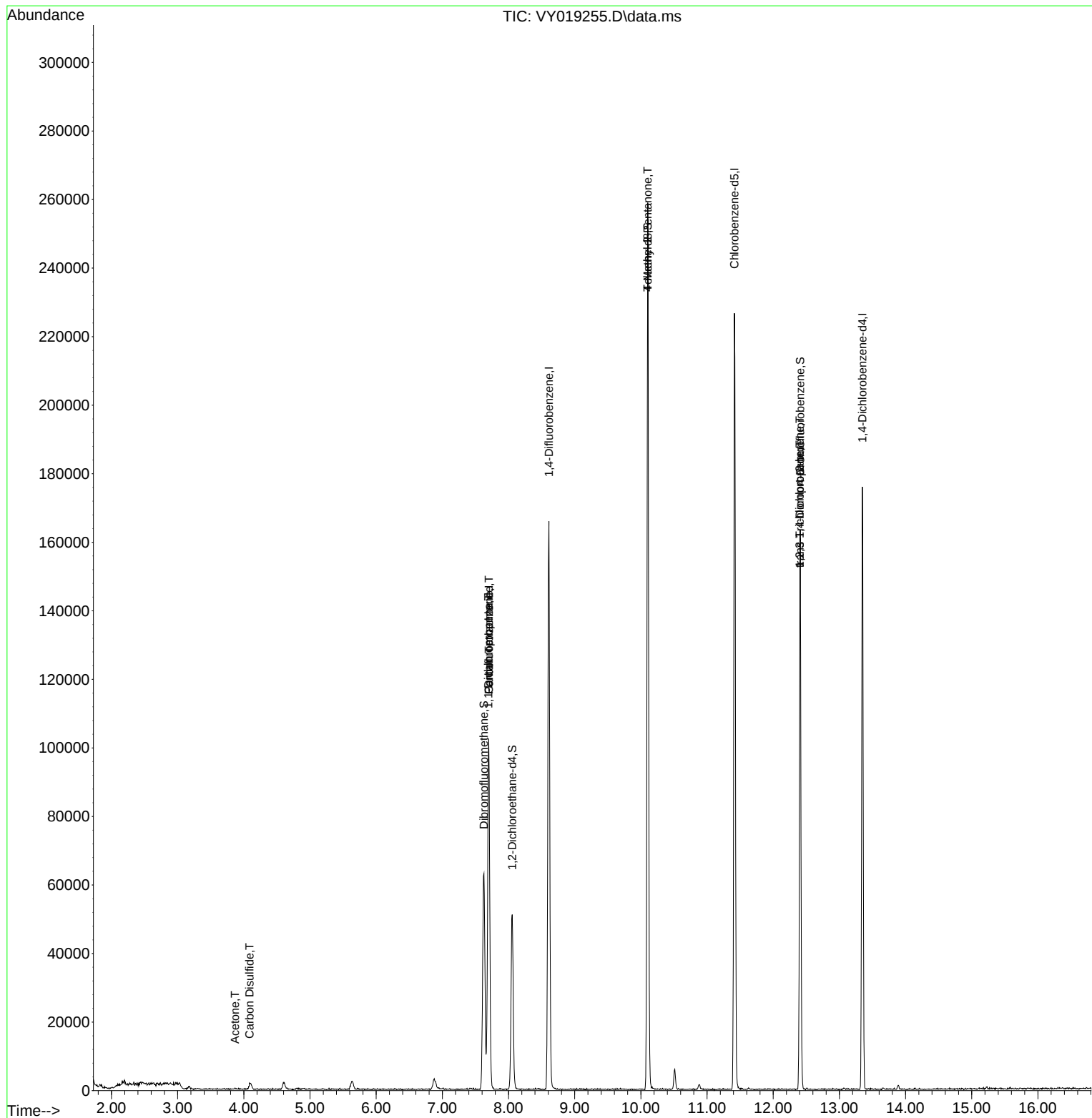
Internal Standards						
1) Pentafluorobenzene	7.701	168	79122	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	145461	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	125592	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	44065	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	40762	51.393	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.780%	
35) Dibromofluoromethane	7.628	113	45764	48.116	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.240%	
50) Toluene-d8	10.103	98	161642	47.226	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 94.460%	
62) 4-Bromofluorobenzene	12.408	95	45360	38.876	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 77.760%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.592	94	130	Below Cal	#	3
6) Chloroethane	2.720	64	46	Below Cal	#	42
11) Tert butyl alcohol	4.818	59	26	Below Cal	#	88
16) Acetone	3.867	43	296	2.012	ug/l #	74
17) Carbon Disulfide	4.086	76	3831	1.721	ug/l #	94
20) Methylene Chloride	4.598	84	703	Below Cal	#	86
31) Cyclohexane	7.695	56	1608	Below Cal	#	24
36) 1,1-Dichloropropene	7.695	75	6323	4.841	ug/l #	48
38) Carbon Tetrachloride	7.701	117	7907	5.224	ug/l #	15
51) 4-Methyl-2-Pentanone	10.103	43	623	1.003	ug/l #	1
76) 1,2,3-Trichloropropane	12.402	75	23432	53.921	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	23432	133.167	ug/l #	16

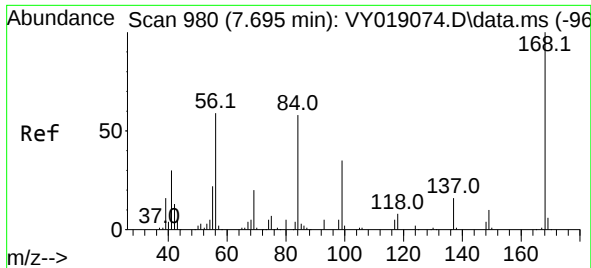
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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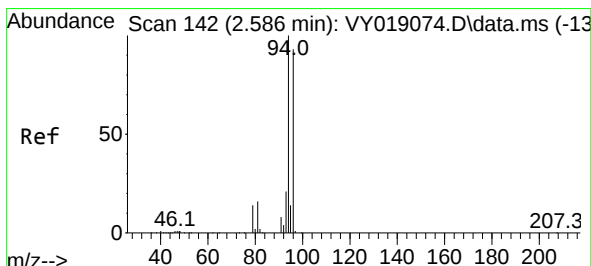
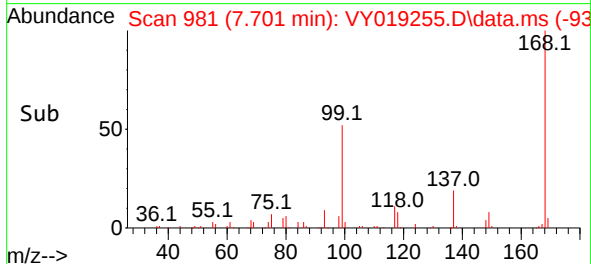
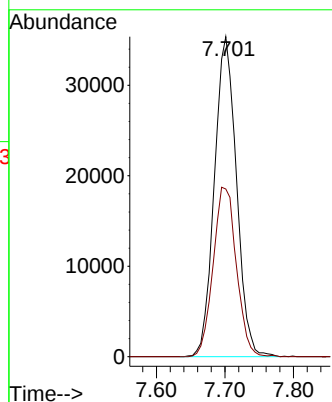
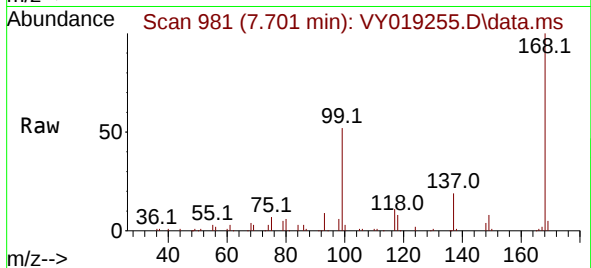




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019255.D
Acq: 23 Aug 2024 14:16

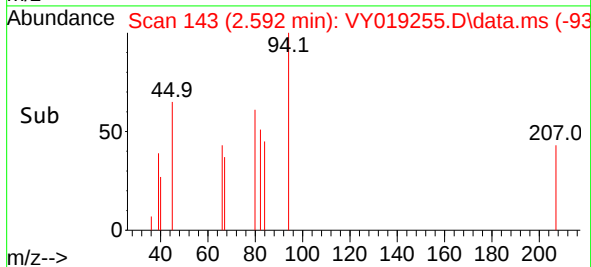
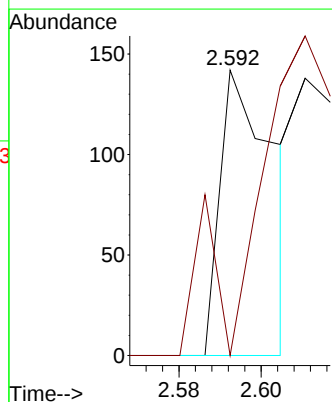
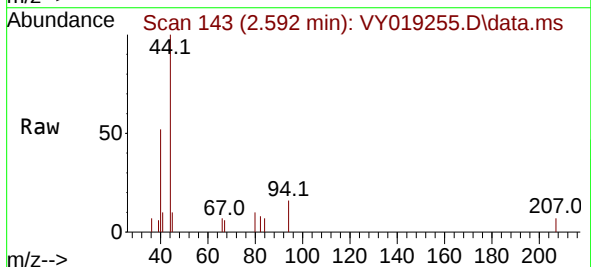
Instrument :
MSVOA_Y
ClientSampleId :

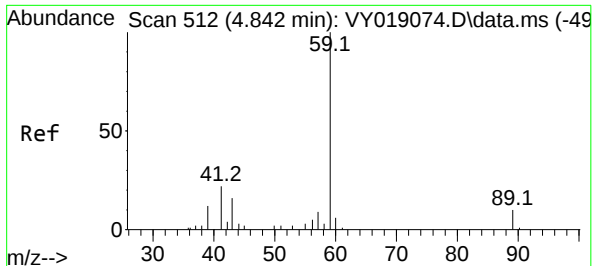
Tgt Ion:168 Resp: 79122
Ion Ratio Lower Upper
168 100
99 52.4 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.592 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY019255.D
Acq: 23 Aug 2024 14:16

Tgt Ion: 94 Resp: 130
Ion Ratio Lower Upper
94 100
96 0.0 74.1 111.1#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.818 min Scan# 508

Delta R.T. -0.024 min

Lab File: VY019255.D

Acq: 23 Aug 2024 14:16

Instrument :

MSVOA_Y

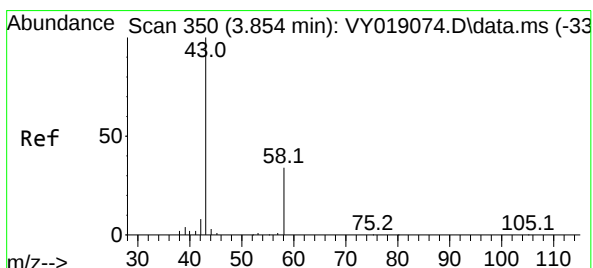
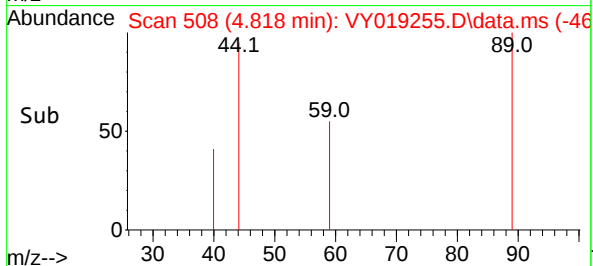
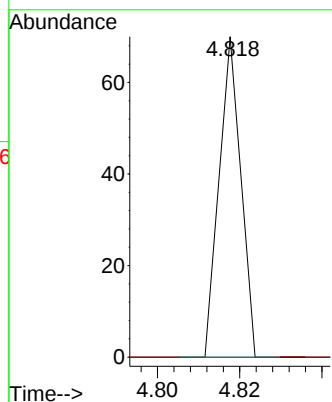
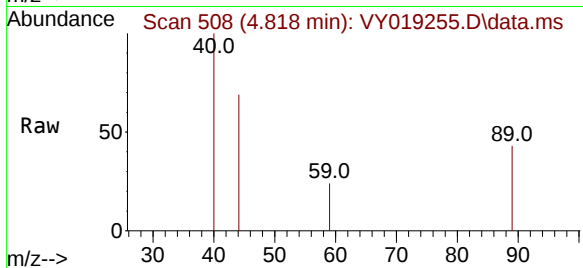
ClientSampleId :

Tgt Ion: 59 Resp: 26

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#



#16

Acetone

Concen: 2.012 ug/l

RT: 3.867 min Scan# 352

Delta R.T. 0.013 min

Lab File: VY019255.D

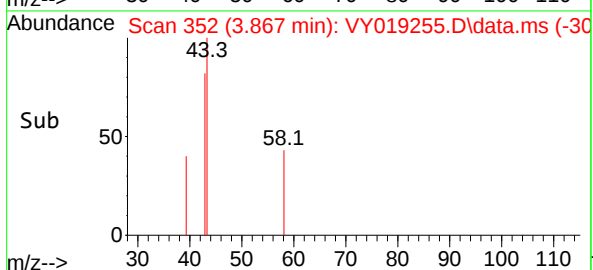
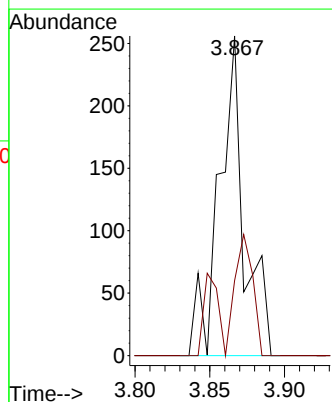
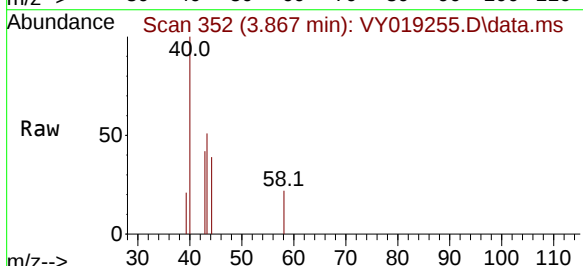
Acq: 23 Aug 2024 14:16

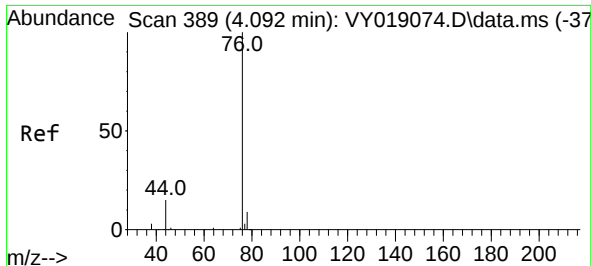
Tgt Ion: 43 Resp: 296

Ion Ratio Lower Upper

43 100

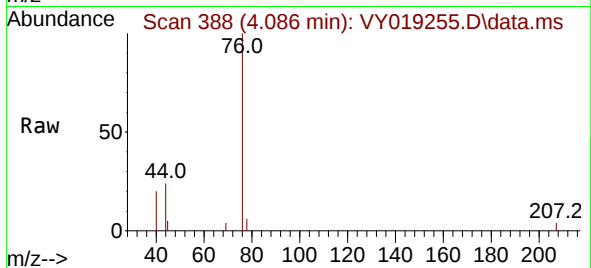
58 23.4 31.7 47.5#



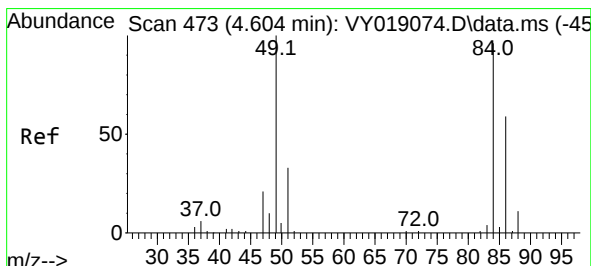
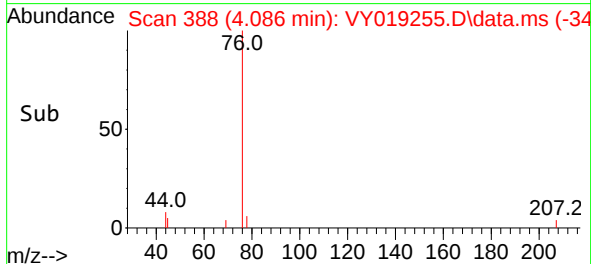
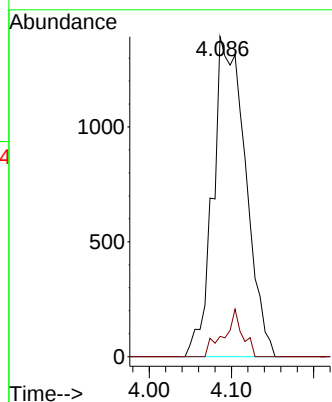


#17
Carbon Disulfide
Concen: 1.721 ug/l
RT: 4.086 min Scan# 381
Delta R.T. -0.006 min
Lab File: VY019255.D
Acq: 23 Aug 2024 14:16

Instrument :
MSVOA_Y
ClientSampleId :

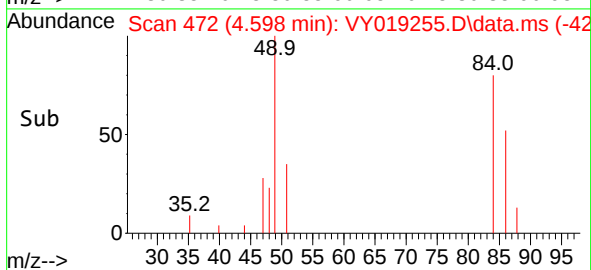
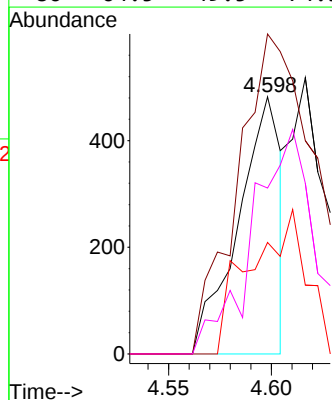
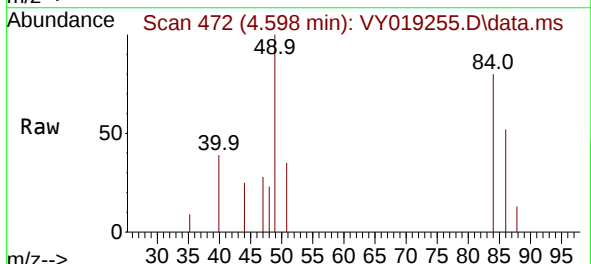


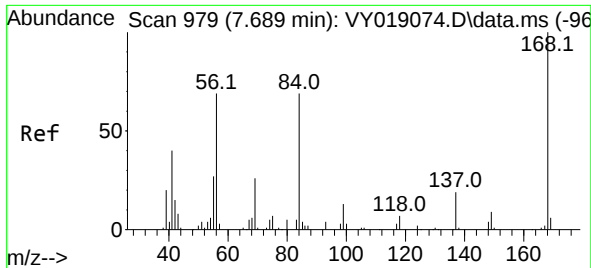
Tgt Ion: 76 Resp: 3831
Ion Ratio Lower Upper
76 100
78 6.3 6.8 10.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.598 min Scan# 472
Delta R.T. -0.006 min
Lab File: VY019255.D
Acq: 23 Aug 2024 14:16

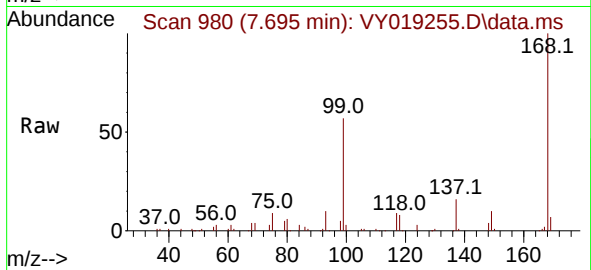
Tgt Ion: 84 Resp: 703
Ion Ratio Lower Upper
84 100
49 124.5 84.4 126.6
51 43.4 26.0 39.0#
86 64.5 49.5 74.3



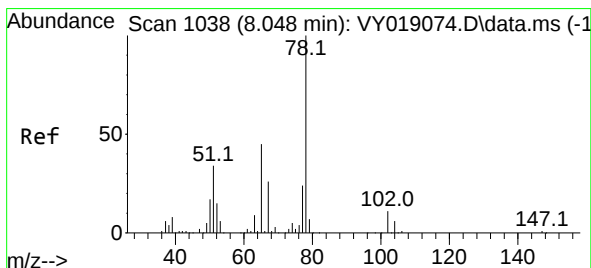
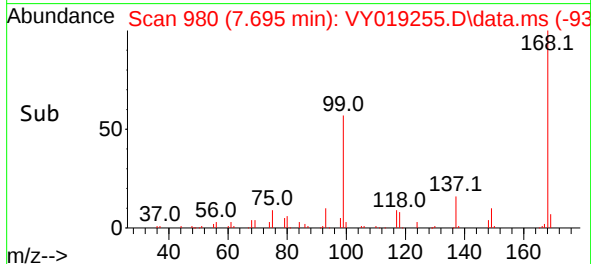
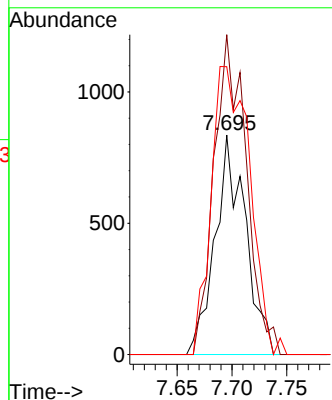


#31
Cyclohexane
Concen: Below Cal
RT: 7.695 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019255.D
Acq: 23 Aug 2024 14:16

Instrument :
MSVOA_Y
ClientSampleId :

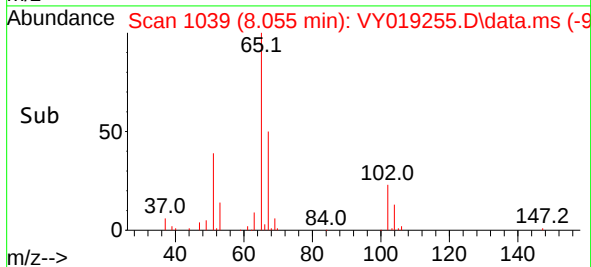
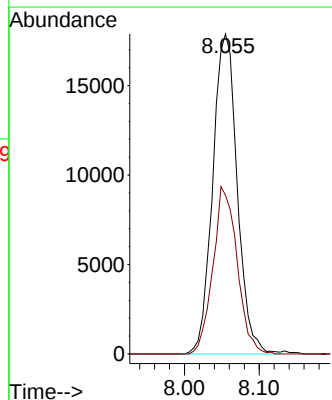
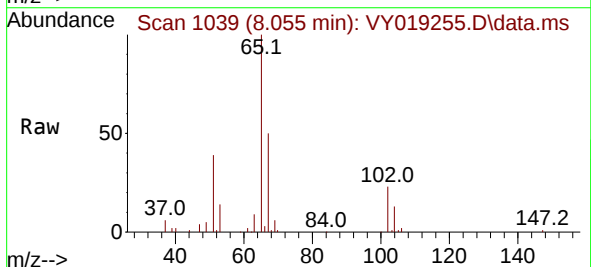


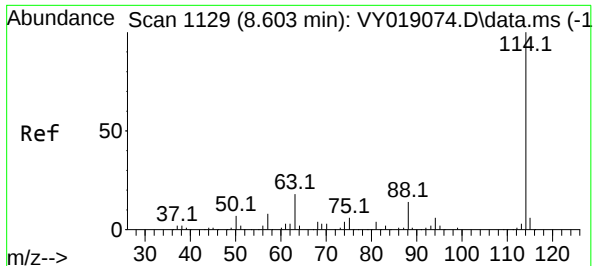
Tgt Ion: 56 Resp: 1608
Ion Ratio Lower Upper
56 100
69 145.7 28.7 43.1#
84 131.1 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 51.393 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019255.D
Acq: 23 Aug 2024 14:16

Tgt Ion: 65 Resp: 40762
Ion Ratio Lower Upper
65 100
67 51.6 0.0 109.6

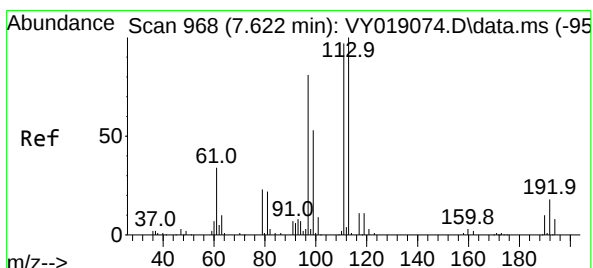
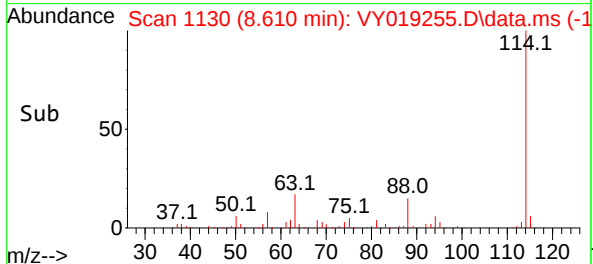
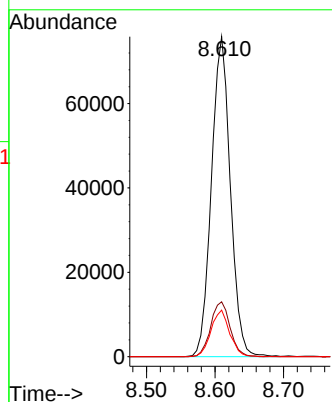
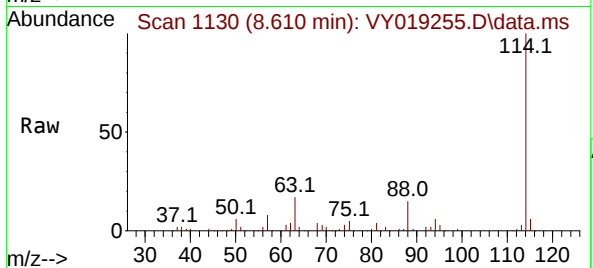




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.610 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VY019255.D
Acq: 23 Aug 2024 14:16

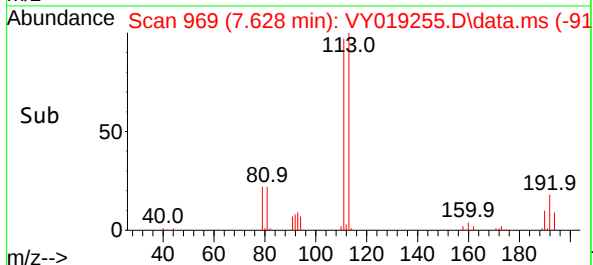
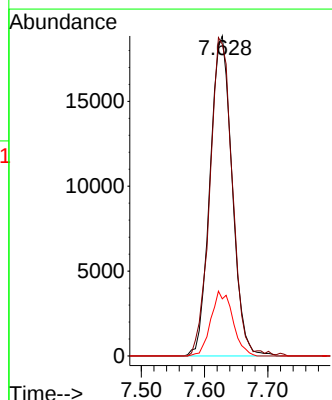
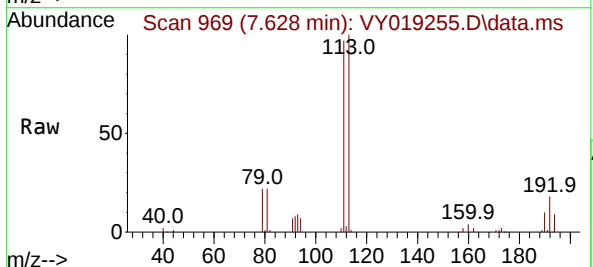
Instrument :
MSVOA_Y
ClientSampleId :

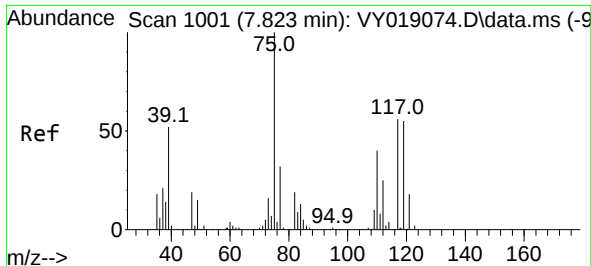
Tgt Ion:114 Resp: 145461
Ion Ratio Lower Upper
114 100
63 17.1 0.0 35.0
88 14.5 0.0 27.2



#35
Dibromofluoromethane
Concen: 48.116 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY019255.D
Acq: 23 Aug 2024 14:16

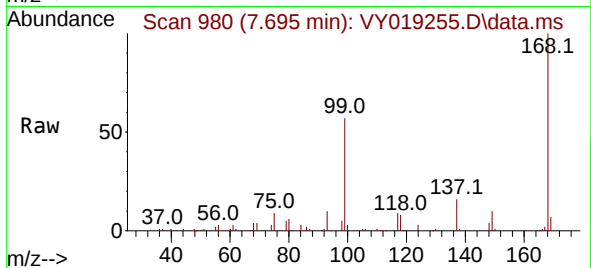
Tgt Ion:113 Resp: 45764
Ion Ratio Lower Upper
113 100
111 100.8 82.2 123.4
192 20.0 15.9 23.9



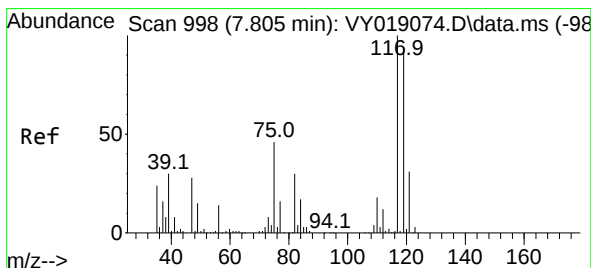
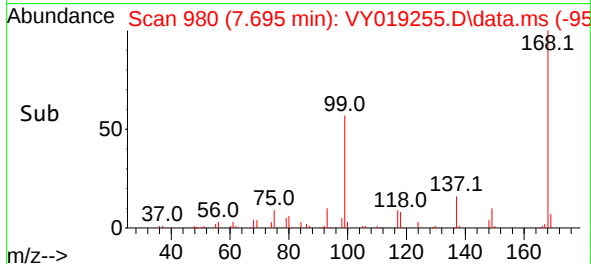
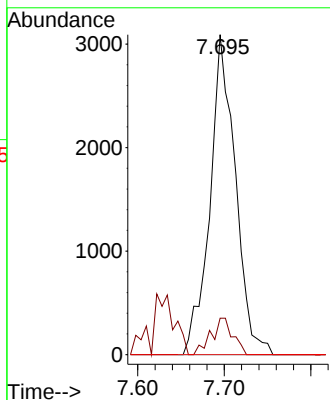


#36
1,1-Dichloropropene
Concen: 4.841 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY019255.D
Acq: 23 Aug 2024 14:16

Instrument :
MSVOA_Y
ClientSampleId :

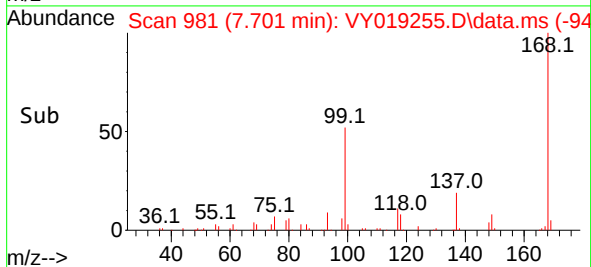
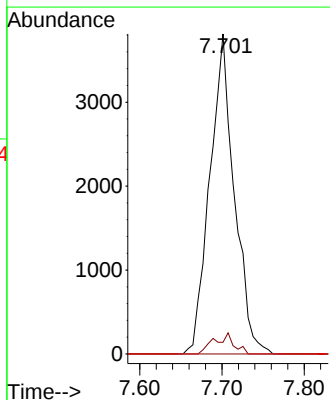
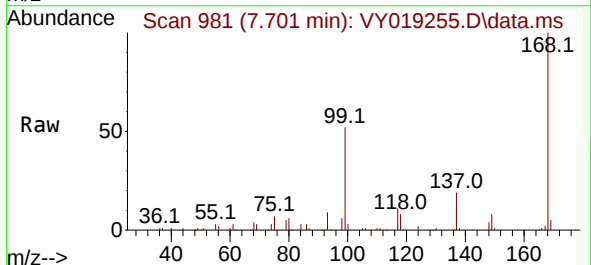


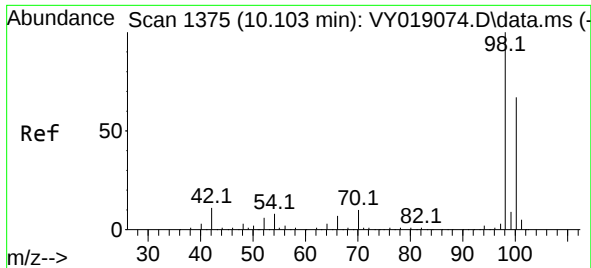
Tgt Ion: 75 Resp: 6323
Ion Ratio Lower Upper
75 100
110 9.7 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.224 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.103 min
Lab File: VY019255.D
Acq: 23 Aug 2024 14:16

Tgt Ion: 117 Resp: 7907
Ion Ratio Lower Upper
117 100
119 3.6 75.8 113.6#
121 0.0 24.0 36.0#

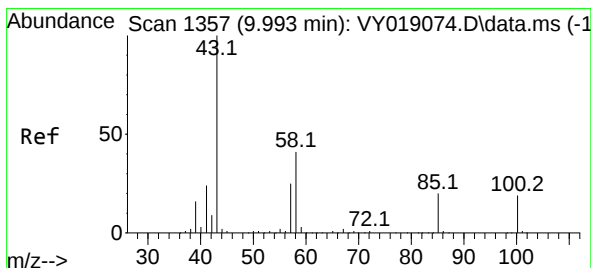
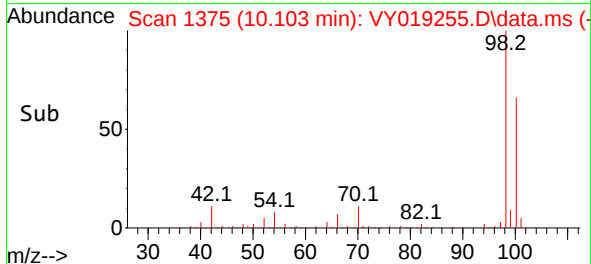
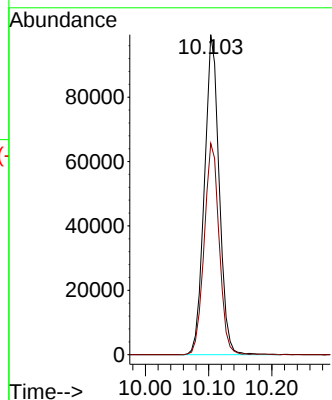
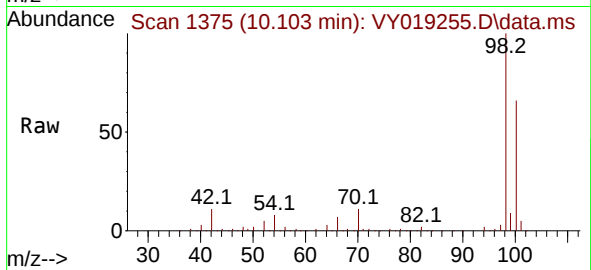




#50
Toluene-d8
Concen: 47.226 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019255.D
Acq: 23 Aug 2024 14:16

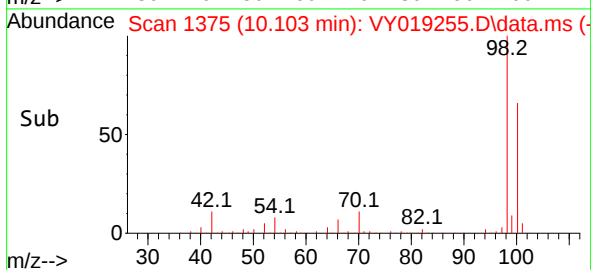
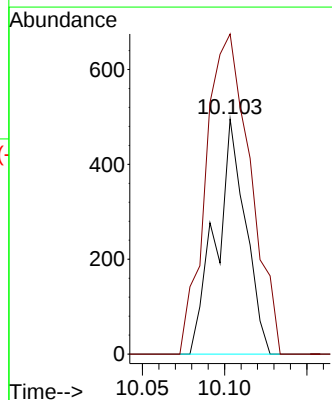
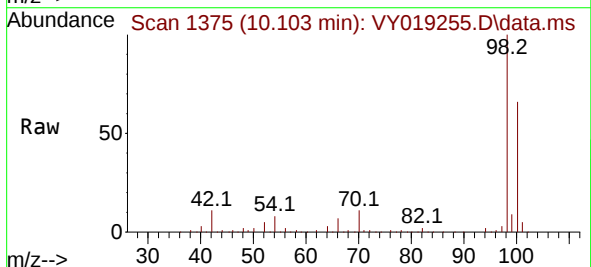
Instrument :
MSVOA_Y
ClientSampleId :

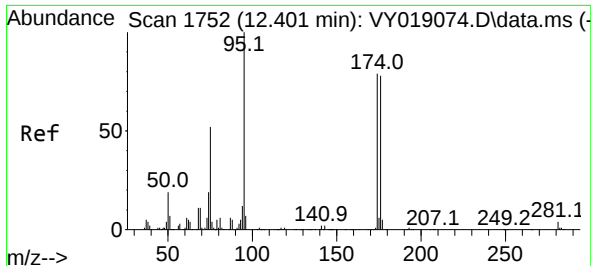
Tgt Ion: 98 Resp: 161642
Ion Ratio Lower Upper
98 100
100 66.8 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.003 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.110 min
Lab File: VY019255.D
Acq: 23 Aug 2024 14:16

Tgt Ion: 43 Resp: 623
Ion Ratio Lower Upper
43 100
58 203.4 35.7 53.5#

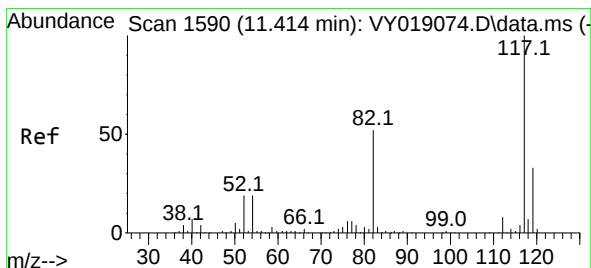
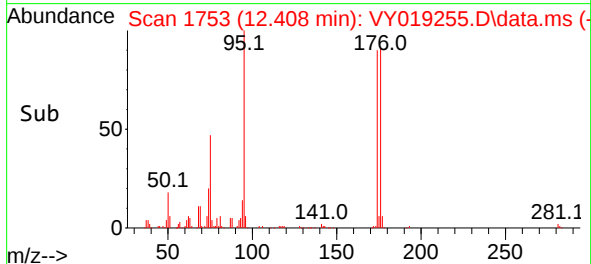
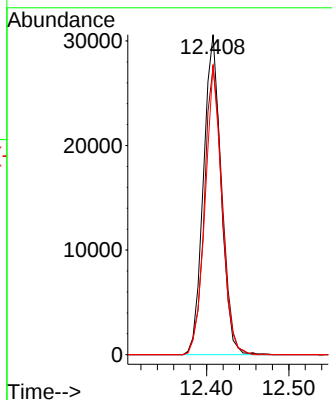
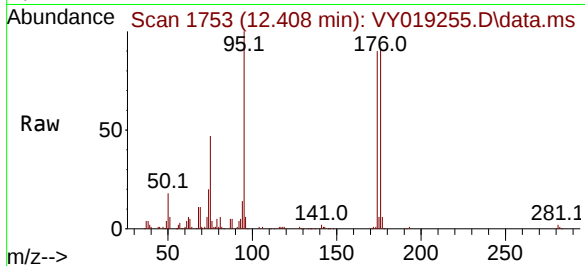




#62
4-Bromofluorobenzene
Concen: 38.876 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019255.D
Acq: 23 Aug 2024 14:16

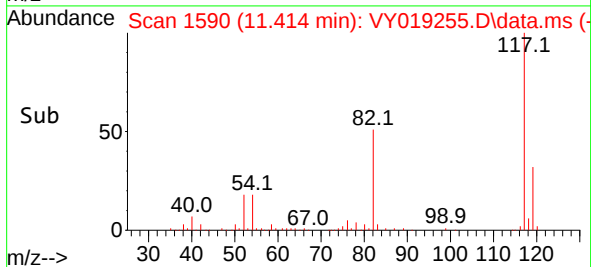
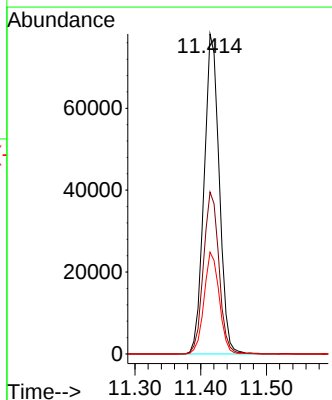
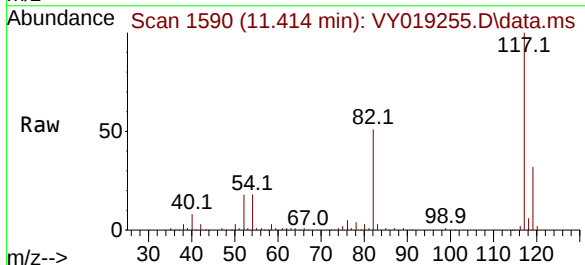
Instrument :
MSVOA_Y
ClientSampleId :

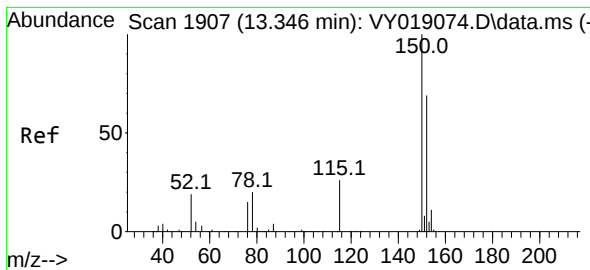
Tgt Ion: 95 Resp: 45360
Ion Ratio Lower Upper
95 100
174 92.2 0.0 175.6
176 86.1 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY019255.D
Acq: 23 Aug 2024 14:16

Tgt Ion: 117 Resp: 125592
Ion Ratio Lower Upper
117 100
82 50.6 42.4 63.6
119 31.8 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: VY019255.D

Acq: 23 Aug 2024 14:16

Instrument :

MSVOA_Y

ClientSampleId :

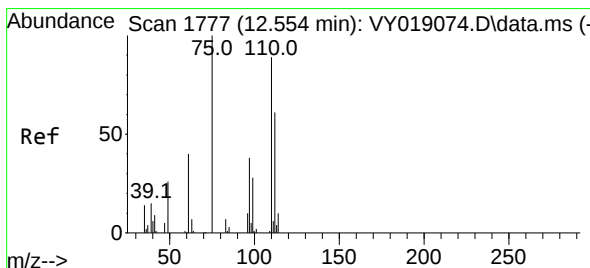
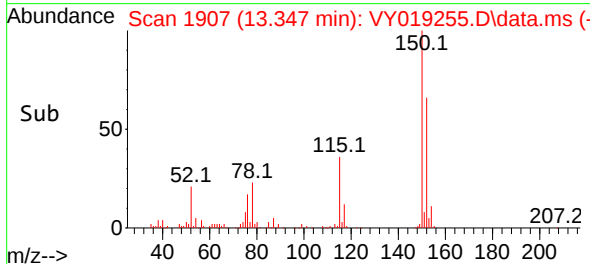
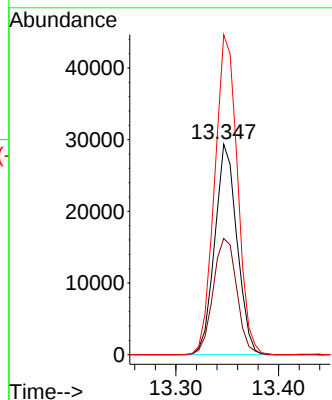
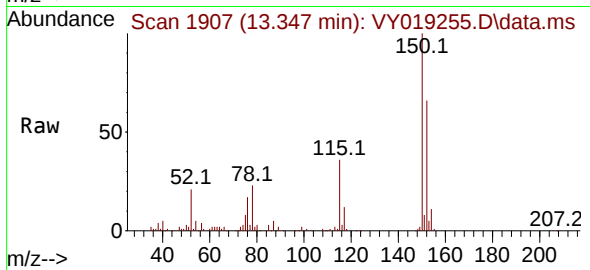
Tgt Ion:152 Resp: 44065

Ion Ratio Lower Upper

152 100

115 58.7 28.2 84.7

150 155.7 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 53.921 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.152 min

Lab File: VY019255.D

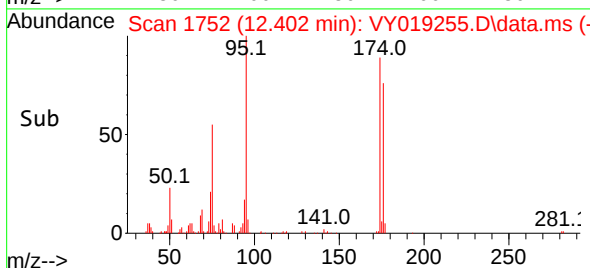
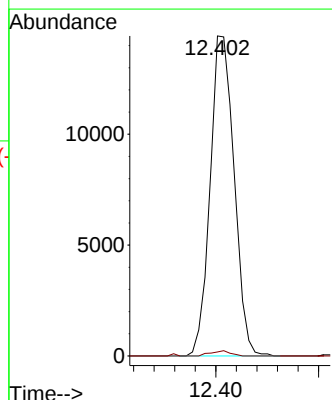
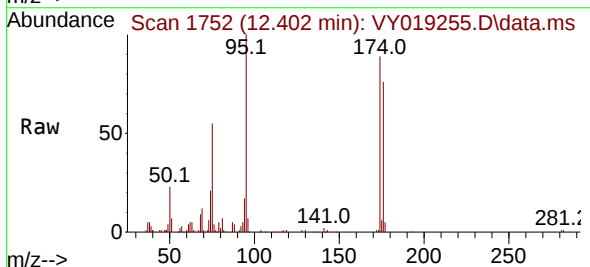
Acq: 23 Aug 2024 14:16

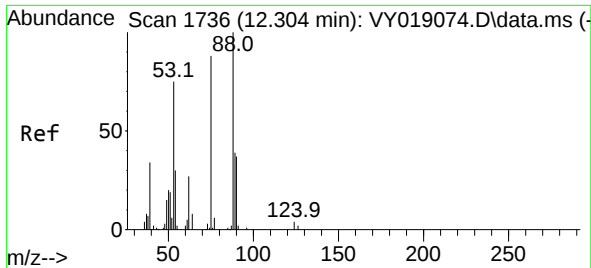
Tgt Ion: 75 Resp: 23432

Ion Ratio Lower Upper

75 100

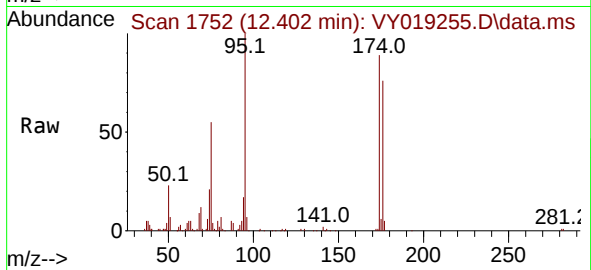
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 133.167 ug/l
 RT: 12.402 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY019255.D
 Acq: 23 Aug 2024 14:16

Instrument :
 MSVOA_Y
 ClientSampleId :



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

