

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082824\
 Data File : VY019351.D
 Acq On : 29 Aug 2024 01:52
 Operator : SY/MD
 Sample : VY0828SBL02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

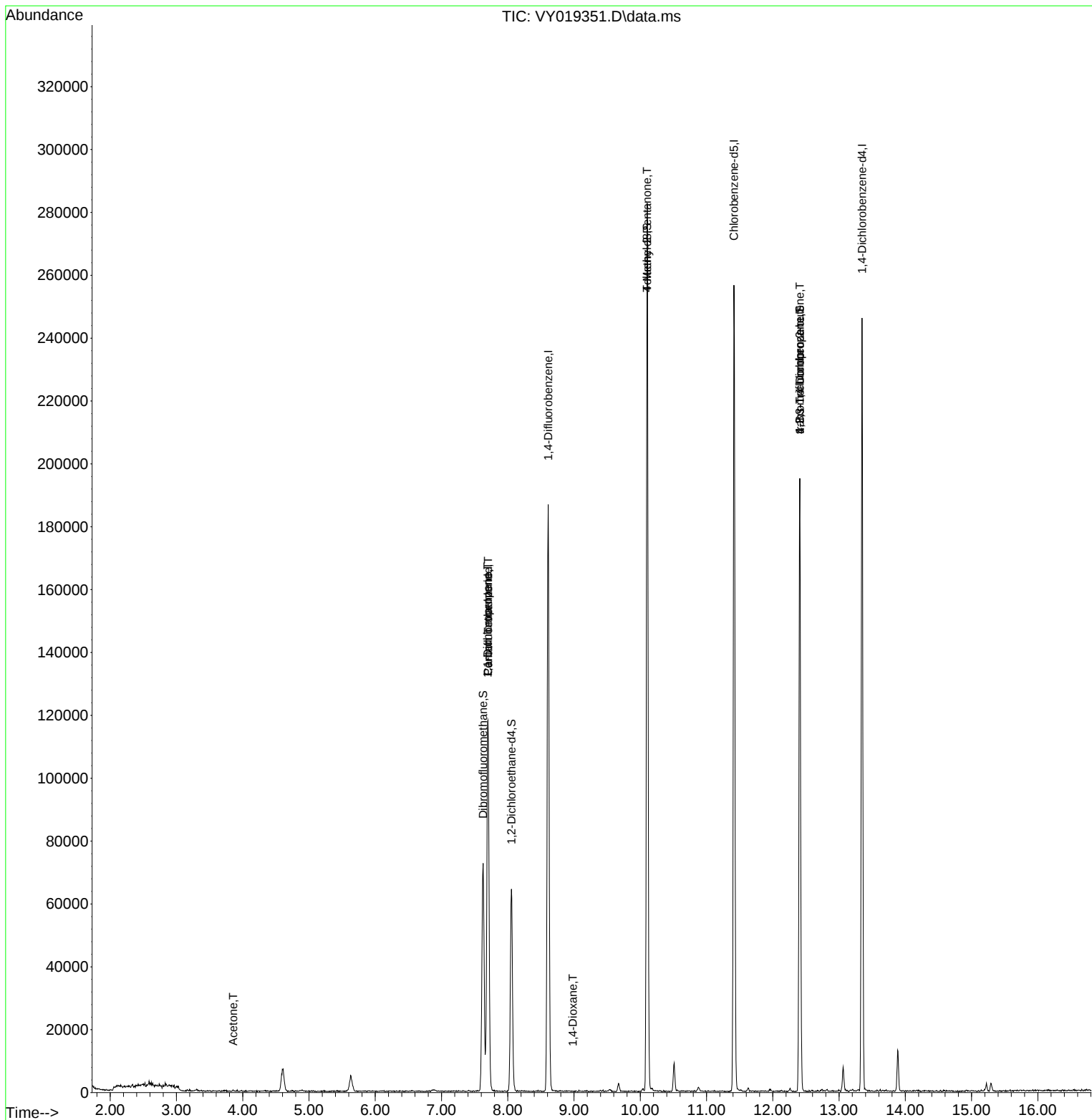
Quant Time: Aug 29 03:37:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

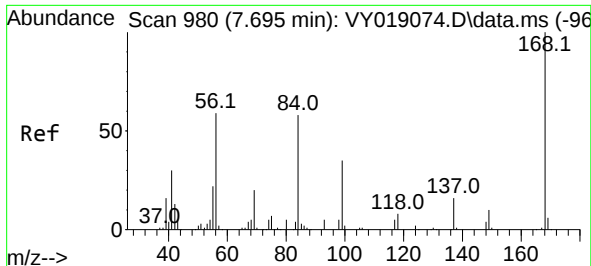
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.701	168	96739	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	161528	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	137411	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	62156	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	51585	53.195	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.400%	
35) Dibromofluoromethane	7.628	113	50807	48.105	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.220%	
50) Toluene-d8	10.103	98	177008	46.572	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 93.140%	
62) 4-Bromofluorobenzene	12.407	95	56985	43.981	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 87.960%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.598	94	752	Below Cal	#	62
6) Chloroethane	2.836	64	26	Below Cal	#	42
11) Tert butyl alcohol	4.823	59	52	Below Cal	#	88
16) Acetone	3.854	43	304	1.690	ug/l #	36
20) Methylene Chloride	4.610	84	5434	Below Cal	#	92
31) Cyclohexane	7.695	56	2060	Below Cal	#	20
36) 1,1-Dichloropropene	7.695	75	7223	4.980	ug/l #	49
38) Carbon Tetrachloride	7.701	117	9391	5.587	ug/l #	17
49) 1,4-Dioxane	8.981	88	21	2.697	ug/l #	20
51) 4-Methyl-2-Pentanone	10.103	43	943	1.367	ug/l #	1
76) 1,2,3-Trichloropropane	12.407	75	30463	49.697	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	30463	122.736	ug/l #	16

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

Quant Time: Aug 29 03:37:17 2024
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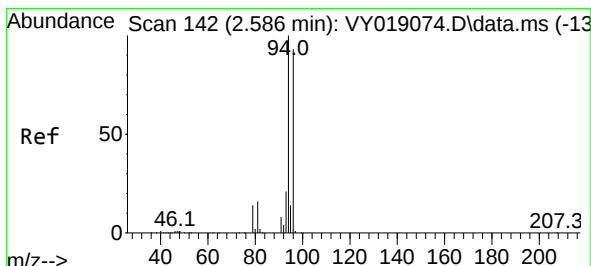
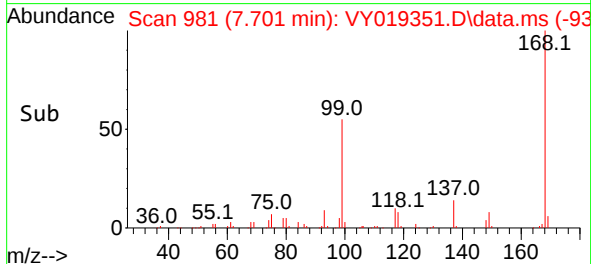
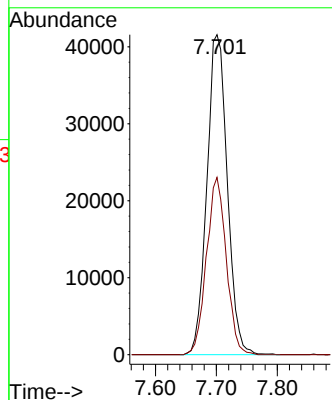
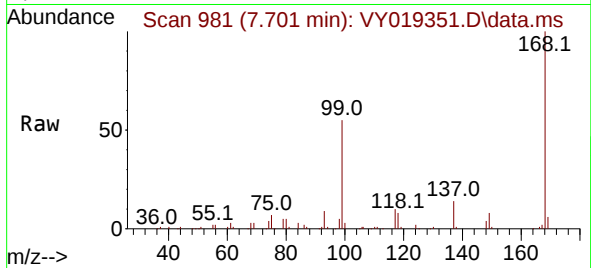




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019351.D
Acq: 29 Aug 2024 01:52

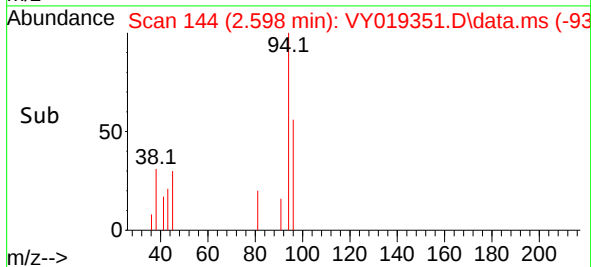
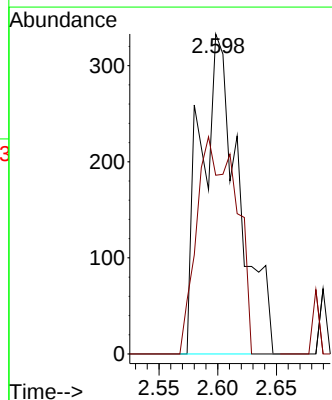
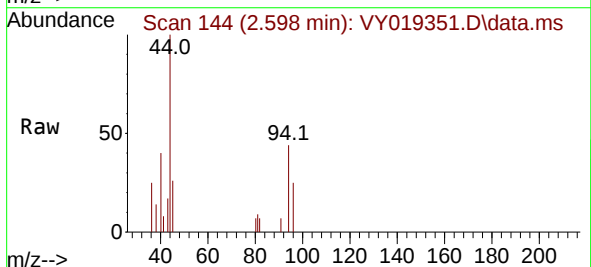
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 96739
Ion Ratio Lower Upper
168 100
99 55.4 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.598 min Scan# 144
Delta R.T. 0.012 min
Lab File: VY019351.D
Acq: 29 Aug 2024 01:52

Tgt Ion: 94 Resp: 752
Ion Ratio Lower Upper
94 100
96 55.9 74.1 111.1#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.823 min Scan# 509

Delta R.T. -0.019 min

Lab File: VY019351.D

Acq: 29 Aug 2024 01:52

Instrument :

MSVOA_Y

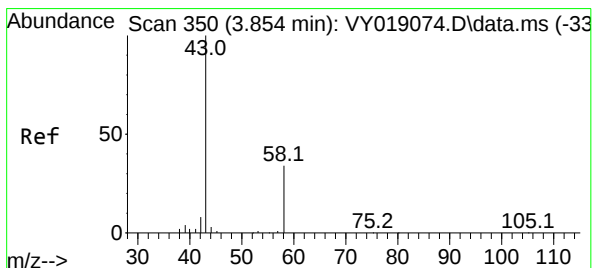
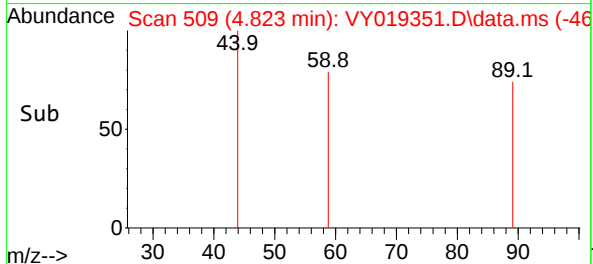
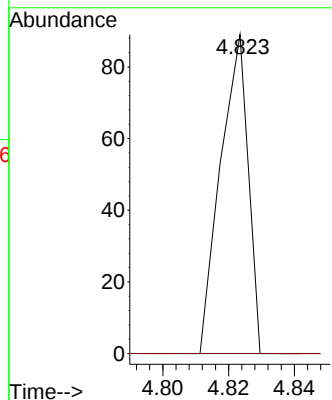
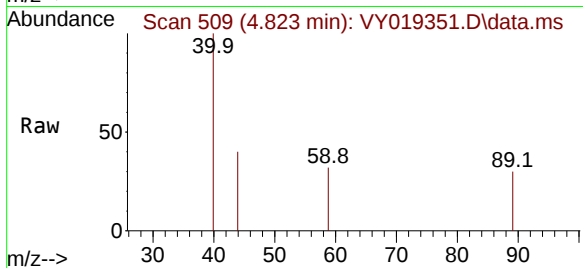
ClientSampleId :

Tgt Ion: 59 Resp: 52

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#



#16

Acetone

Concen: 1.690 ug/l

RT: 3.854 min Scan# 350

Delta R.T. 0.000 min

Lab File: VY019351.D

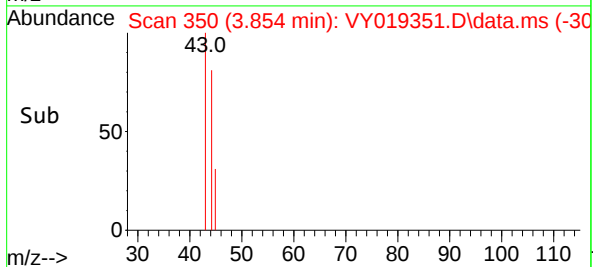
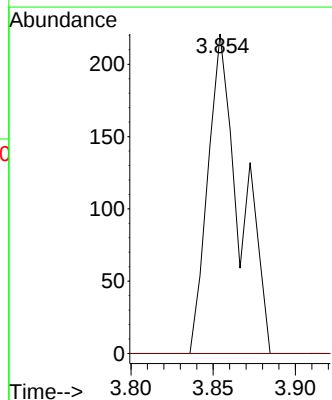
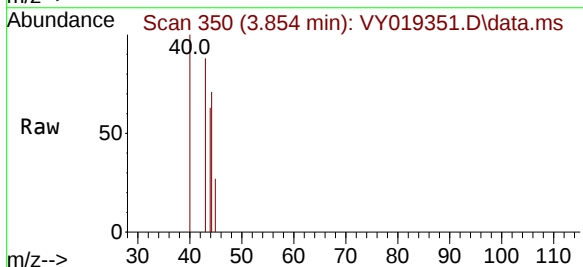
Acq: 29 Aug 2024 01:52

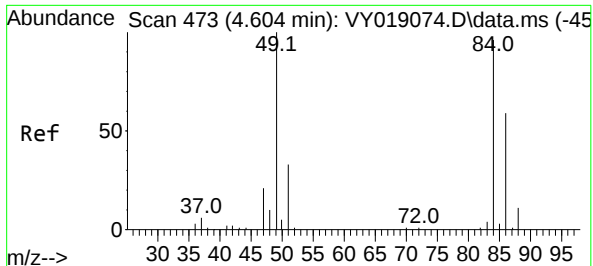
Tgt Ion: 43 Resp: 304

Ion Ratio Lower Upper

43 100

58 0.0 31.7 47.5#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.610 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY019351.D

Acq: 29 Aug 2024 01:52

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 84 Resp: 5434

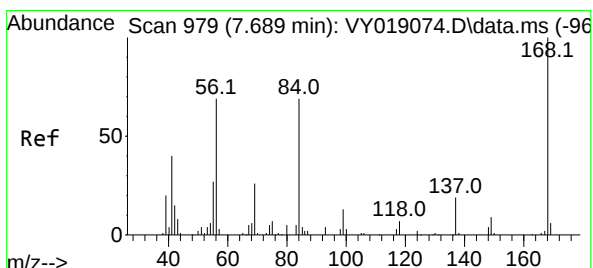
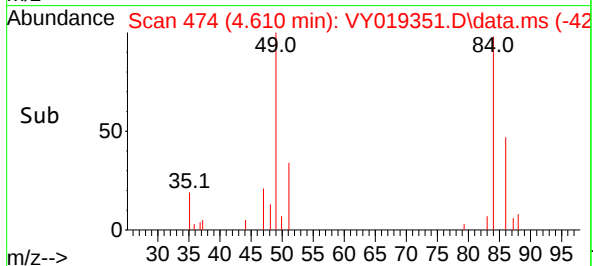
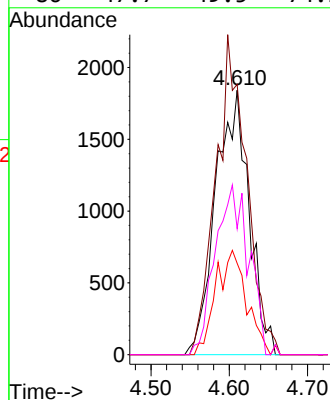
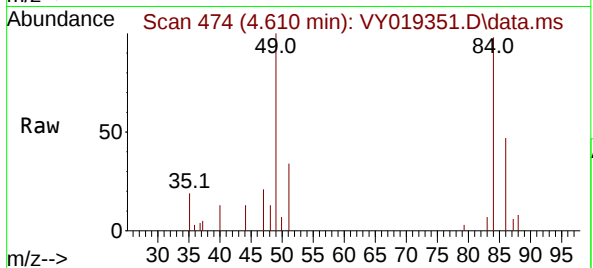
Ion Ratio Lower Upper

84 100

49 102.3 84.4 126.6

51 34.5 26.0 39.0

86 47.7 49.5 74.3#



#31

Cyclohexane

Concen: Below Cal

RT: 7.695 min Scan# 980

Delta R.T. 0.006 min

Lab File: VY019351.D

Acq: 29 Aug 2024 01:52

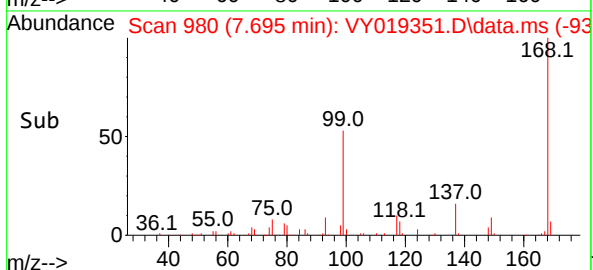
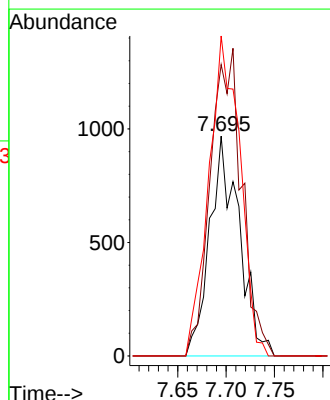
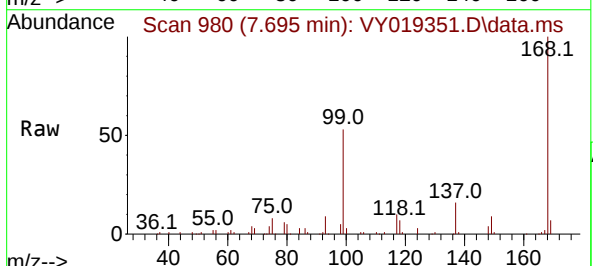
Tgt Ion: 56 Resp: 2060

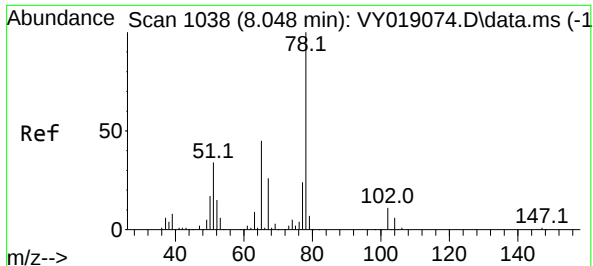
Ion Ratio Lower Upper

56 100

69 132.5 28.7 43.1#

84 145.6 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 53.195 ug/l

RT: 8.055 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY019351.D

Acq: 29 Aug 2024 01:52

Instrument :

MSVOA_Y

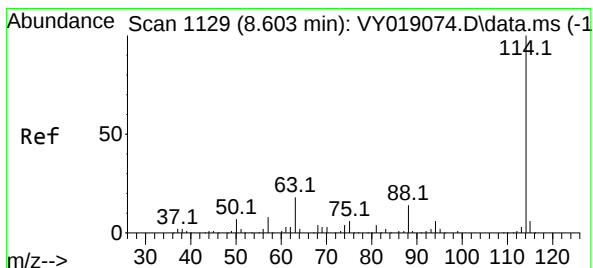
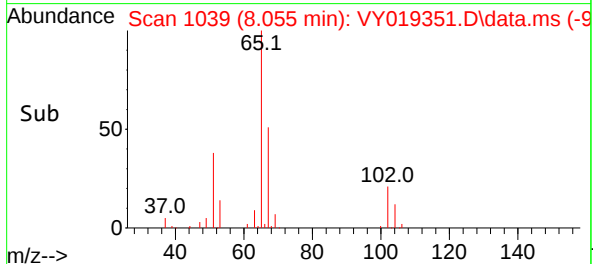
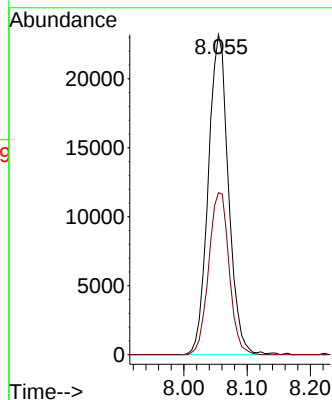
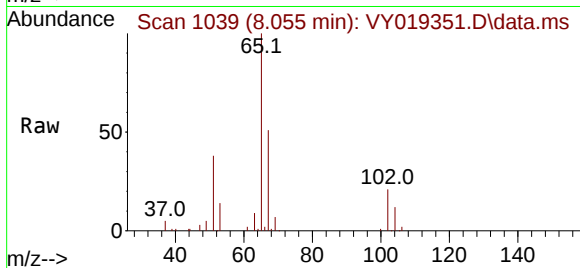
ClientSampleId :

Tgt Ion: 65 Resp: 51585

Ion Ratio Lower Upper

65 100

67 51.0 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: VY019351.D

Acq: 29 Aug 2024 01:52

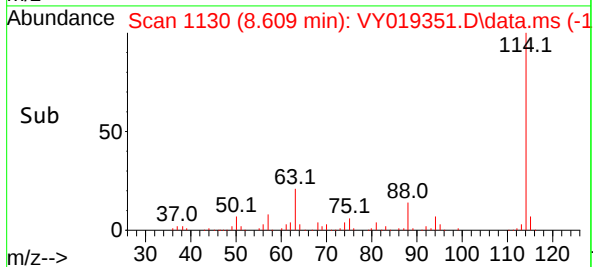
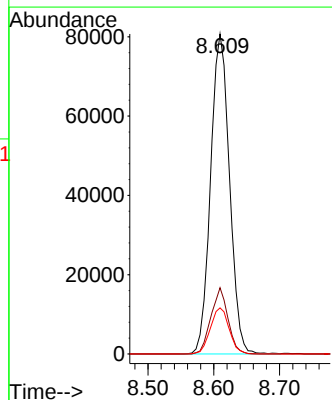
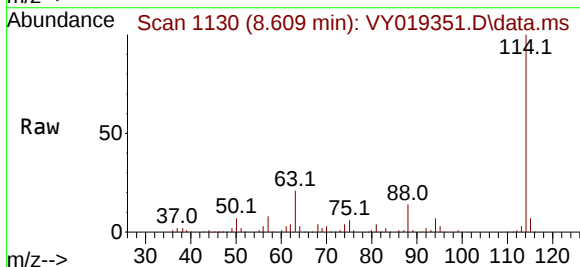
Tgt Ion: 114 Resp: 161528

Ion Ratio Lower Upper

114 100

63 20.7 0.0 35.0

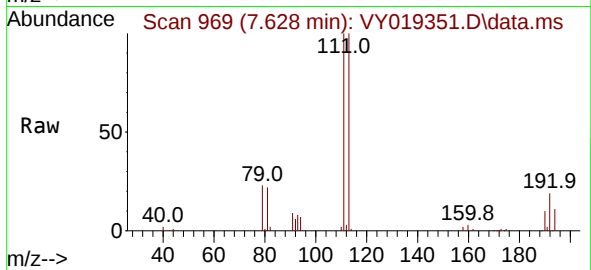
88 14.4 0.0 27.2



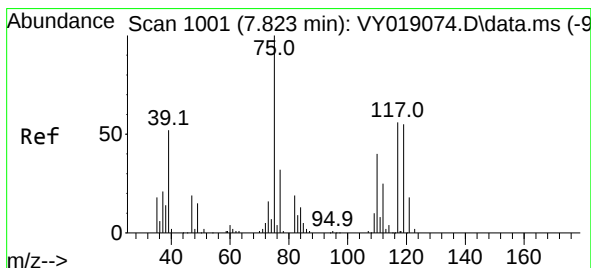
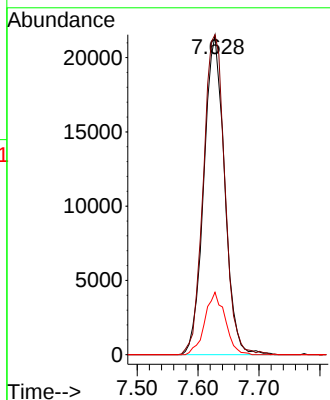
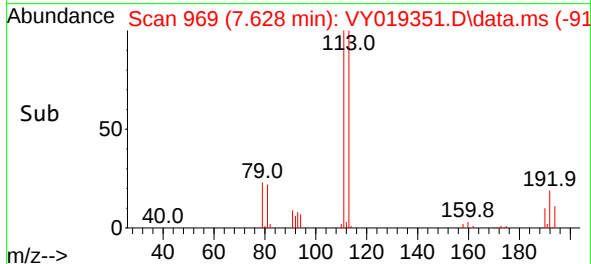


#35
Dibromofluoromethane
Concen: 48.105 ug/l
RT: 7.628 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019351.D
Acq: 29 Aug 2024 01:52

Instrument :
MSVOA_Y
ClientSampleId :

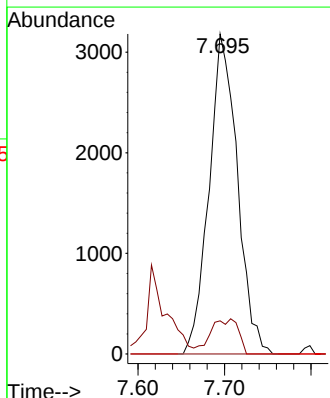
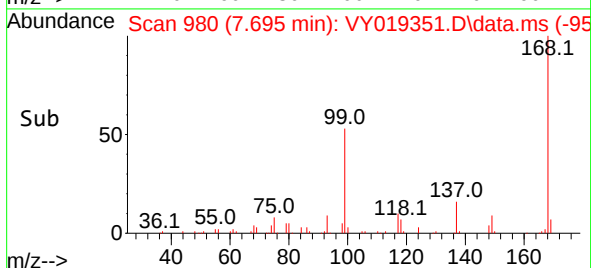
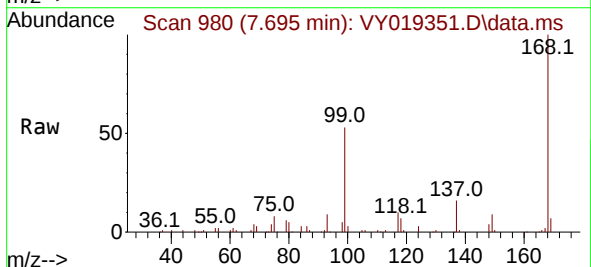


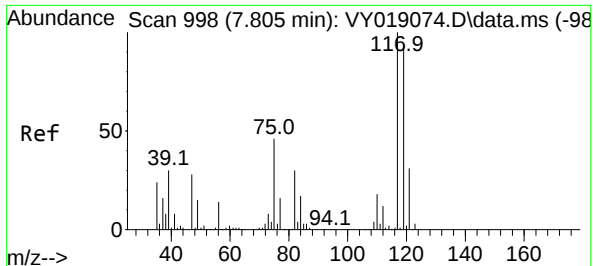
Tgt Ion:113 Resp: 50807
Ion Ratio Lower Upper
113 100
111 103.9 82.2 123.4
192 19.2 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.980 ug/l
RT: 7.695 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY019351.D
Acq: 29 Aug 2024 01:52

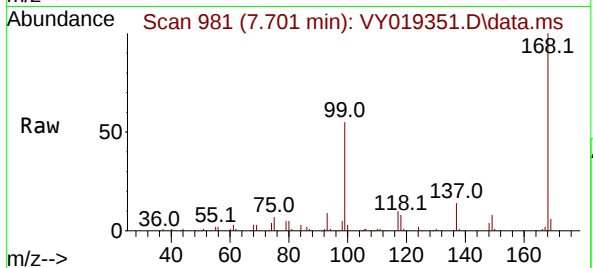
Tgt Ion: 75 Resp: 7223
Ion Ratio Lower Upper
75 100
110 10.8 19.0 57.0#
77 0.0 25.3 37.9#



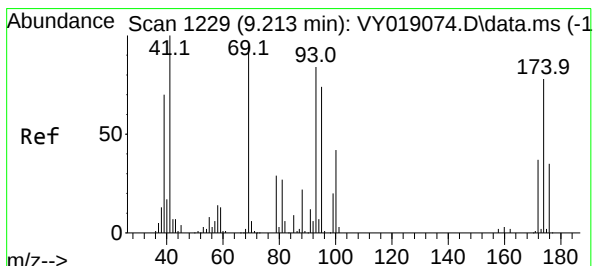
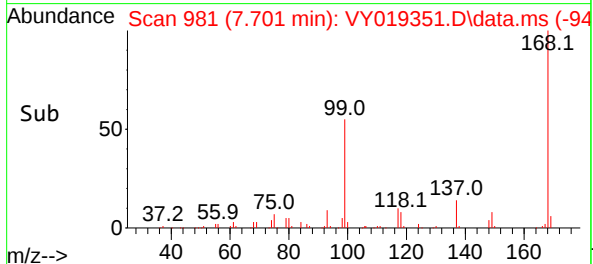
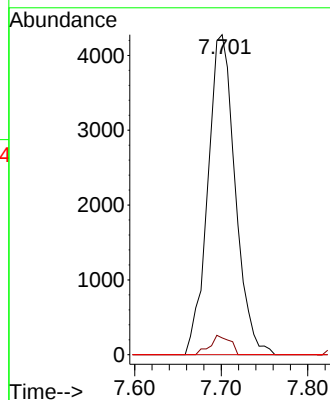


#38
Carbon Tetrachloride
Concen: 5.587 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY019351.D
Acq: 29 Aug 2024 01:52

Instrument :
MSVOA_Y
ClientSampleId :

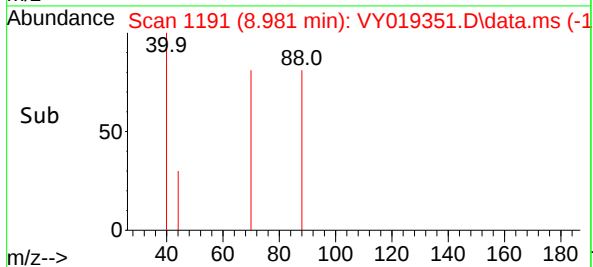
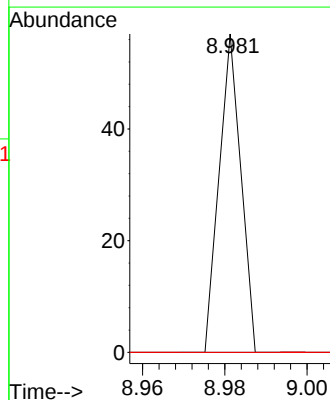
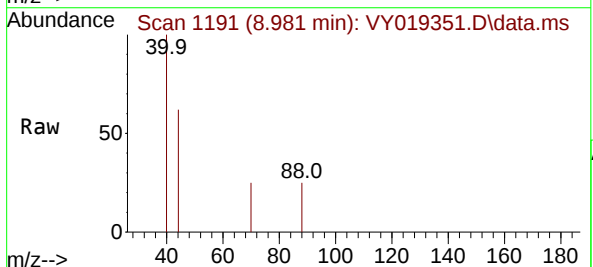


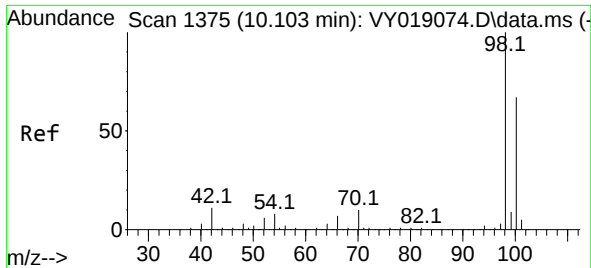
Tgt Ion:117 Resp: 9391
Ion Ratio Lower Upper
117 100
119 5.3 75.8 113.6#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 2.697 ug/l
RT: 8.981 min Scan# 1191
Delta R.T. -0.232 min
Lab File: VY019351.D
Acq: 29 Aug 2024 01:52

Tgt Ion: 88 Resp: 21
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 49.3 73.9#

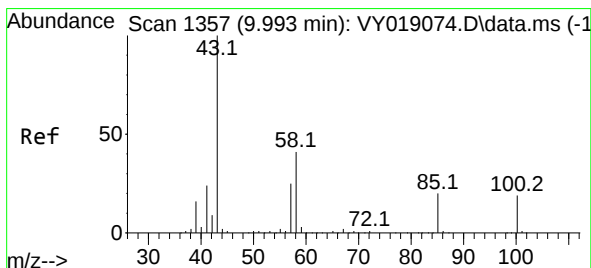
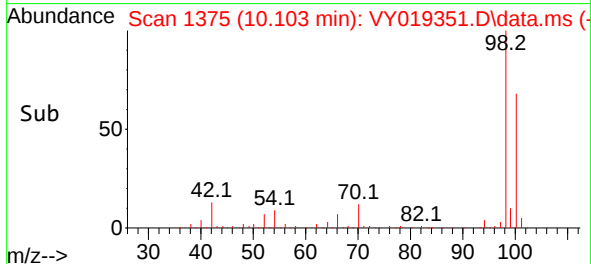
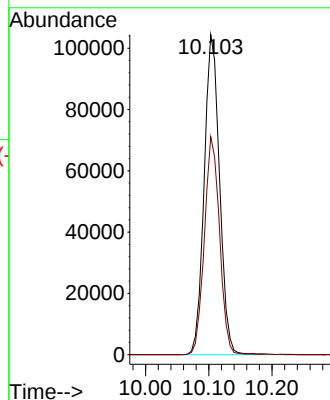
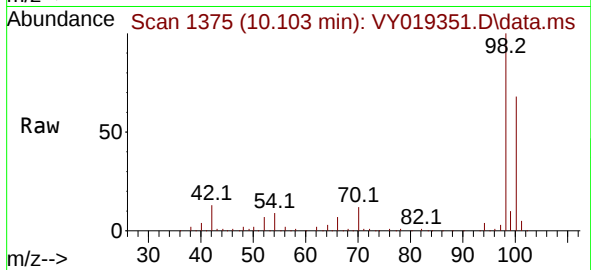




#50
Toluene-d8
Concen: 46.572 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019351.D
Acq: 29 Aug 2024 01:52

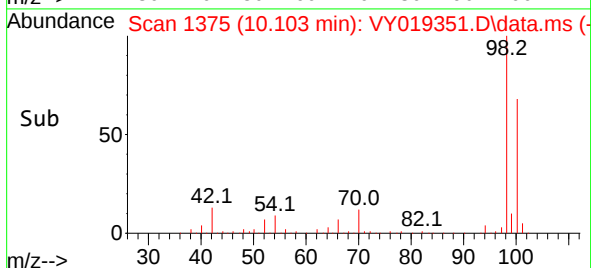
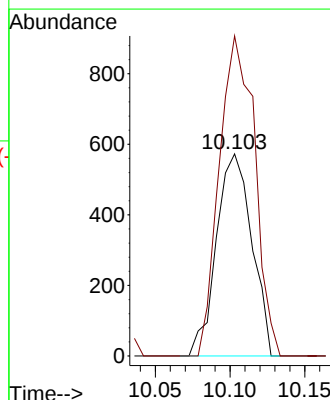
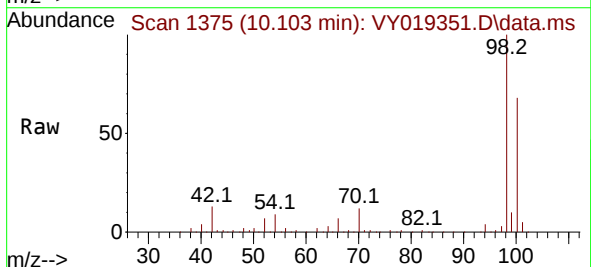
Instrument :
MSVOA_Y
ClientSampleId :

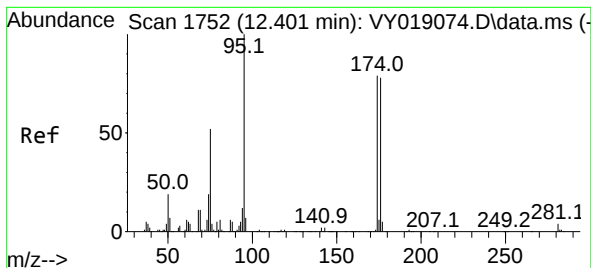
Tgt Ion: 98 Resp: 177008
Ion Ratio Lower Upper
98 100
100 67.1 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.367 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.110 min
Lab File: VY019351.D
Acq: 29 Aug 2024 01:52

Tgt Ion: 43 Resp: 943
Ion Ratio Lower Upper
43 100
58 158.4 35.7 53.5#

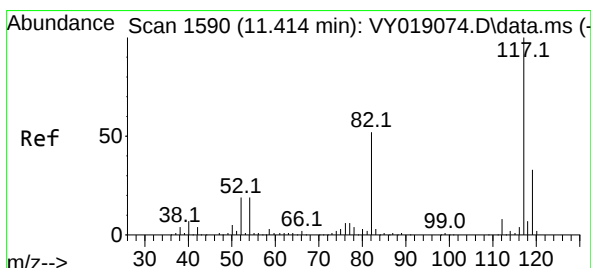
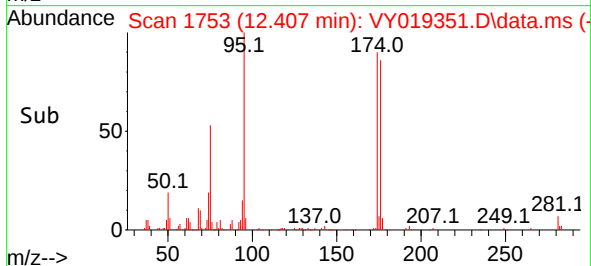
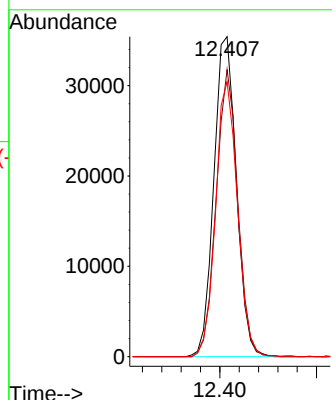
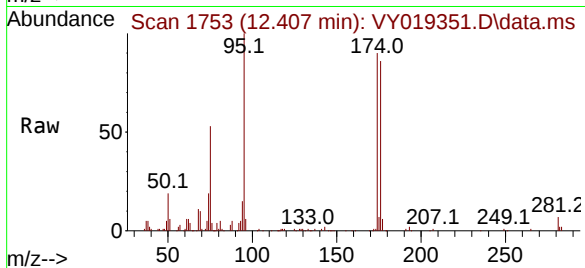




#62
4-Bromofluorobenzene
Concen: 43.981 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019351.D
Acq: 29 Aug 2024 01:52

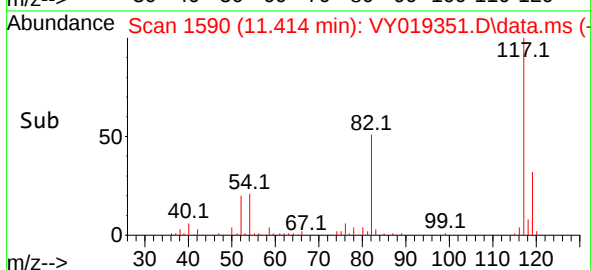
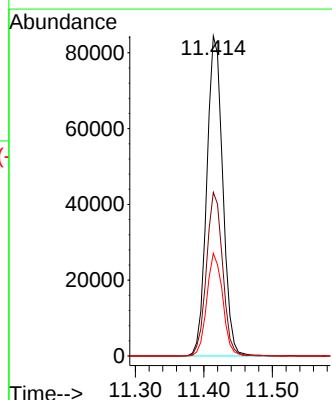
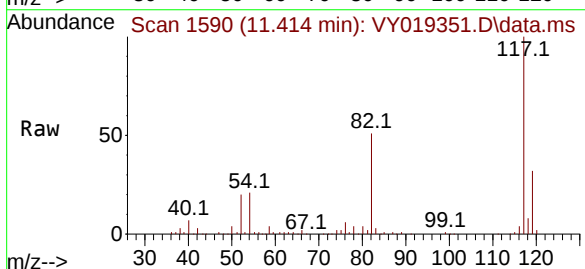
Instrument :
MSVOA_Y
ClientSampleId :

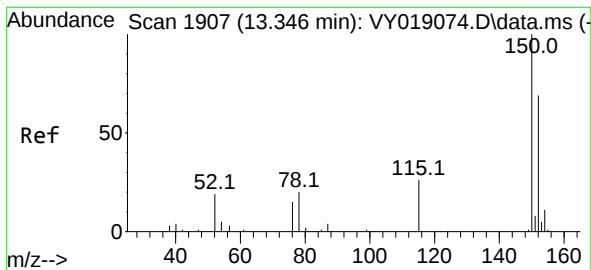
Tgt Ion: 95 Resp: 56985
Ion Ratio Lower Upper
95 100
174 86.3 0.0 175.6
176 83.6 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY019351.D
Acq: 29 Aug 2024 01:52

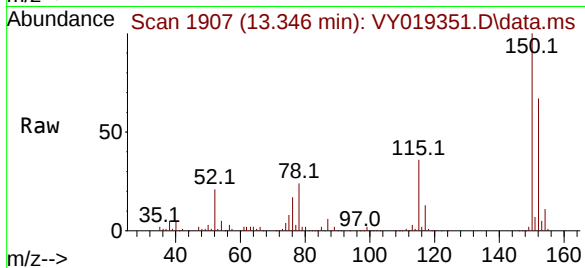
Tgt Ion: 117 Resp: 137411
Ion Ratio Lower Upper
117 100
82 51.2 42.4 63.6
119 32.1 25.9 38.9



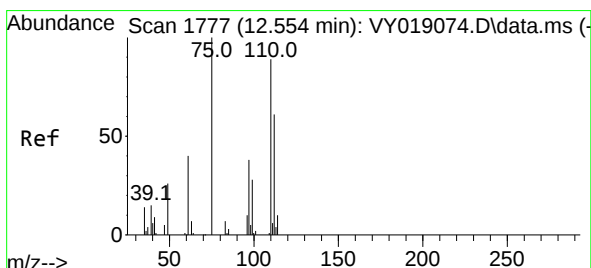
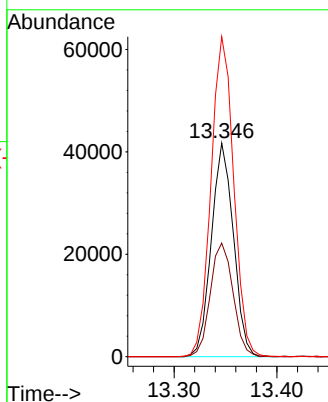
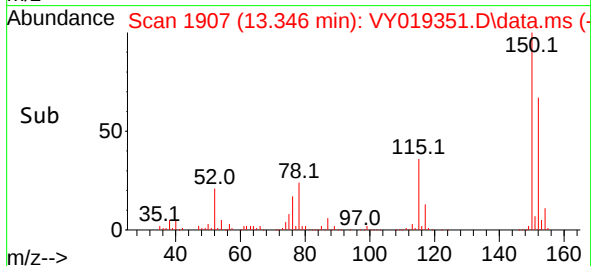


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY019351.D
 Acq: 29 Aug 2024 01:52

Instrument :
 MSVOA_Y
 ClientSampleId :

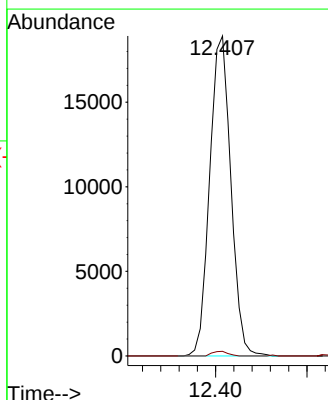
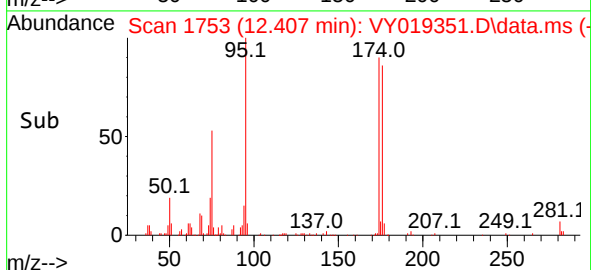
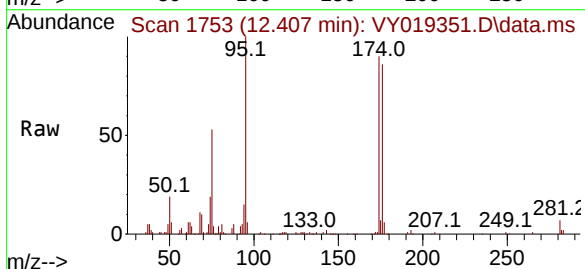


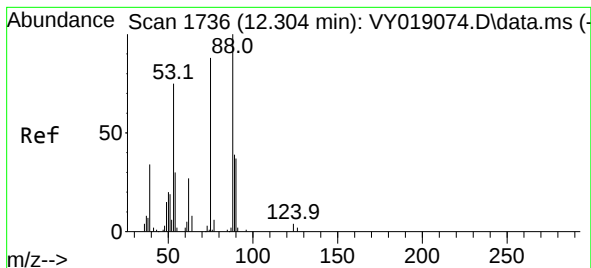
Tgt Ion:152 Resp: 62156
 Ion Ratio Lower Upper
 152 100
 115 54.8 28.2 84.7
 150 154.2 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 49.697 ug/l
 RT: 12.407 min Scan# 1753
 Delta R.T. -0.146 min
 Lab File: VY019351.D
 Acq: 29 Aug 2024 01:52

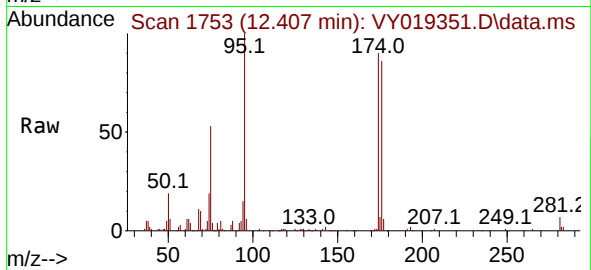
Tgt Ion: 75 Resp: 30463
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 122.736 ug/l
 RT: 12.407 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY019351.D
 Acq: 29 Aug 2024 01:52

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	75	Resp:	30463
Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.8	100.2#
89	0.1	35.8	53.6#

