

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082324\
 Data File : VY019254.D
 Acq On : 23 Aug 2024 13:52
 Operator : SY/MD
 Sample : P3663-02
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 23 22:57:03 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)

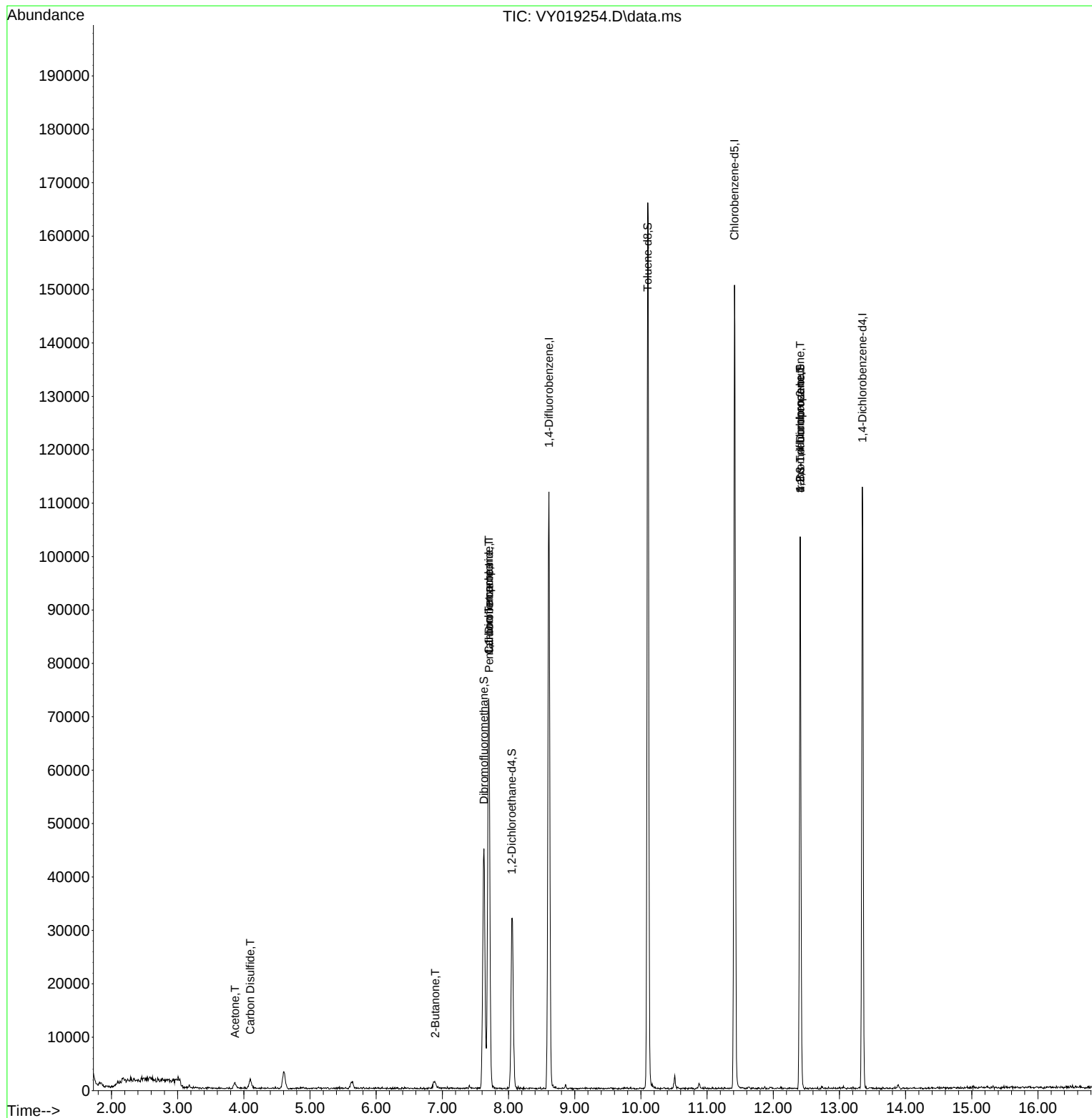
Internal Standards						
1) Pentafluorobenzene	7.707	168	58069	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.609	114	100276	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	83231	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	29176	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	26149	44.922	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.840%		
35) Dibromofluoromethane	7.628	113	31881	48.624	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.240%		
50) Toluene-d8	10.103	98	110328	46.759	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	93.520%		
62) 4-Bromofluorobenzene	12.408	95	30038	37.344	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	74.680%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.611	94	217	Below Cal	#	47
6) Chloroethane	2.720	64	70	Below Cal	#	42
11) Tert butyl alcohol	4.805	59	31	Below Cal	#	88
16) Acetone	3.866	43	1817	16.832	ug/l	91
17) Carbon Disulfide	4.098	76	3404	2.084	ug/l	# 76
20) Methylene Chloride	4.616	84	2422	Below Cal	#	89
25) 2-Butanone	6.890	43	312	1.795	ug/l	# 41
31) Cyclohexane	7.695	56	1228	Below Cal	#	56
36) 1,1-Dichloropropene	7.701	75	4391	4.877	ug/l	# 47
38) Carbon Tetrachloride	7.701	117	6021	5.771	ug/l	# 15
76) 1,2,3-Trichloropropane	12.408	75	15769	54.805	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.408	75	15769	135.350	ug/l	# 16

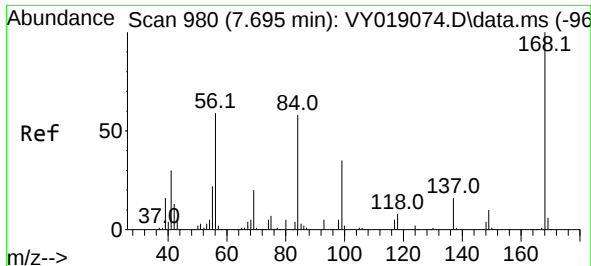
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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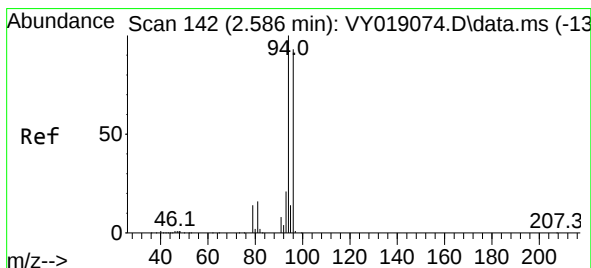
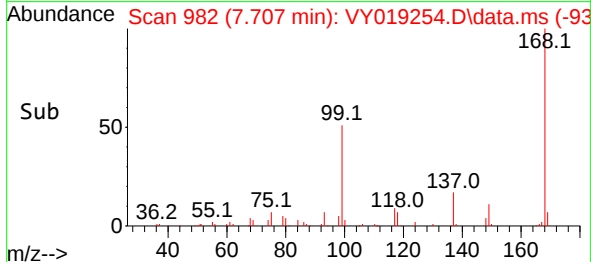
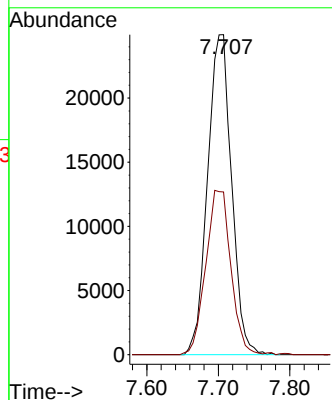
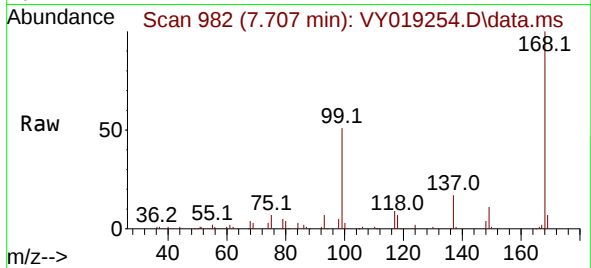




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY019254.D
Acq: 23 Aug 2024 13:52

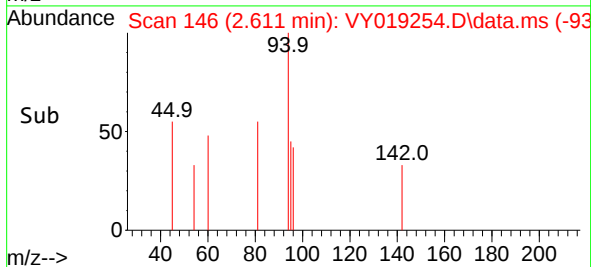
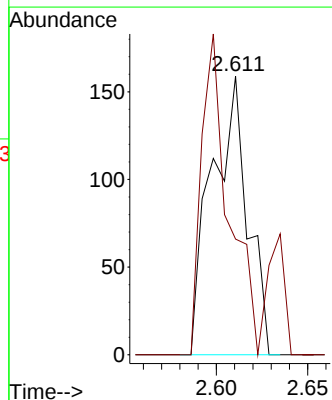
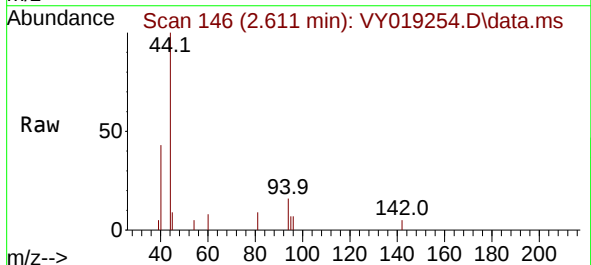
Instrument :
MSVOA_Y
ClientSampleId :

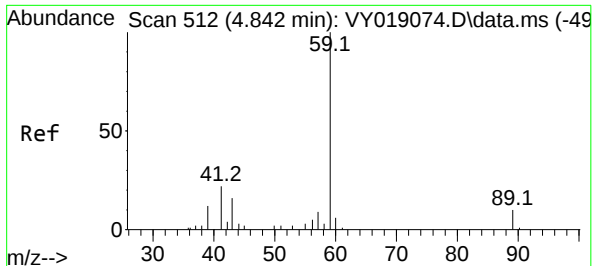
Tgt Ion:168 Resp: 58069
Ion Ratio Lower Upper
168 100
99 50.9 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.611 min Scan# 146
Delta R.T. 0.025 min
Lab File: VY019254.D
Acq: 23 Aug 2024 13:52

Tgt Ion: 94 Resp: 217
Ion Ratio Lower Upper
94 100
96 41.5 74.1 111.1#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.805 min Scan# 50

Delta R.T. -0.037 min

Lab File: VY019254.D

Acq: 23 Aug 2024 13:52

Instrument :

MSVOA_Y

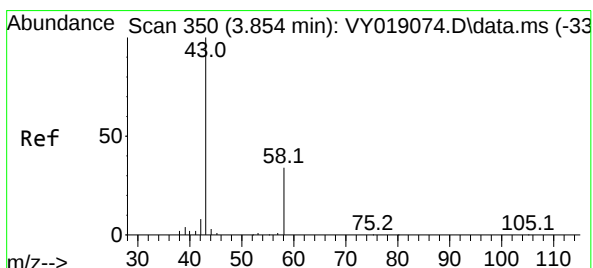
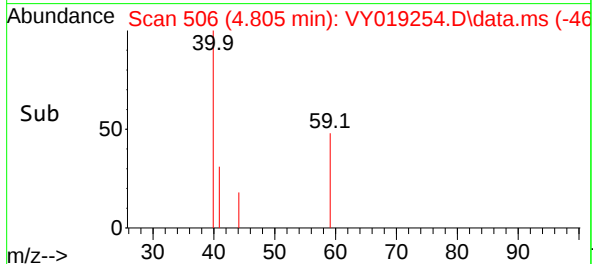
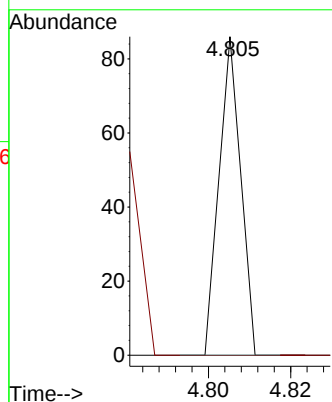
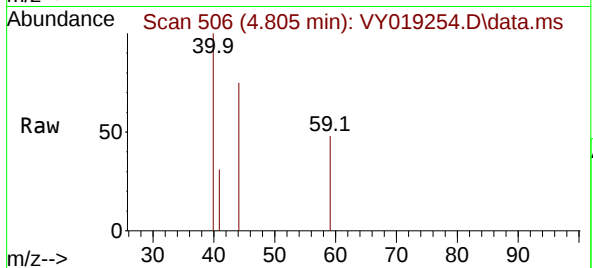
ClientSampleId :

Tgt Ion: 59 Resp: 31

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#



#16

Acetone

Concen: 16.832 ug/l

RT: 3.866 min Scan# 352

Delta R.T. 0.012 min

Lab File: VY019254.D

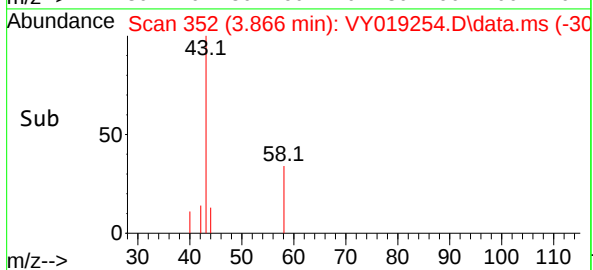
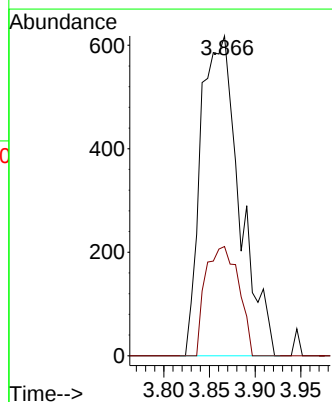
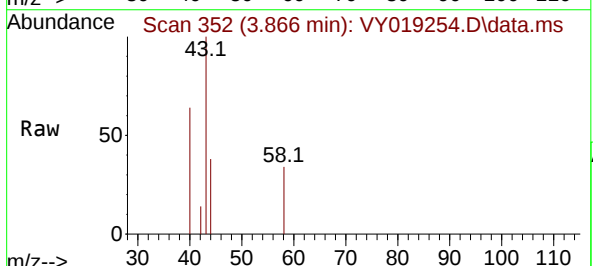
Acq: 23 Aug 2024 13:52

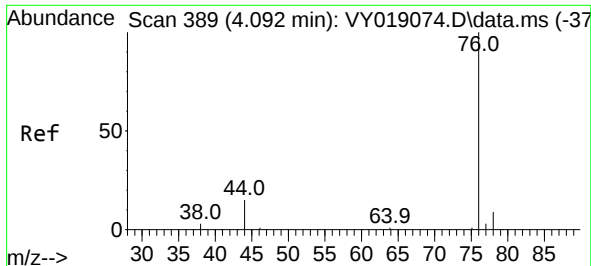
Tgt Ion: 43 Resp: 1817

Ion Ratio Lower Upper

43 100

58 34.1 31.7 47.5





#17

Carbon Disulfide

Concen: 2.084 ug/l

RT: 4.098 min Scan# 390

Delta R.T. 0.006 min

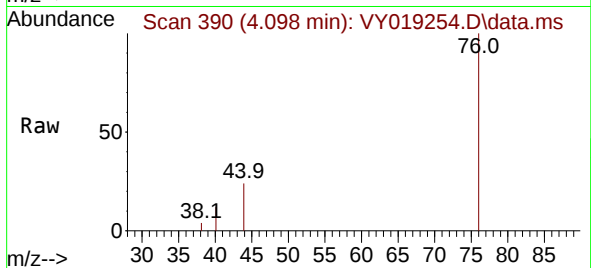
Lab File: VY019254.D

Acq: 23 Aug 2024 13:52

Instrument :

MSVOA_Y

ClientSampleId :

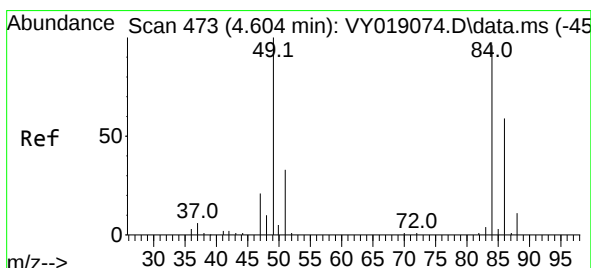
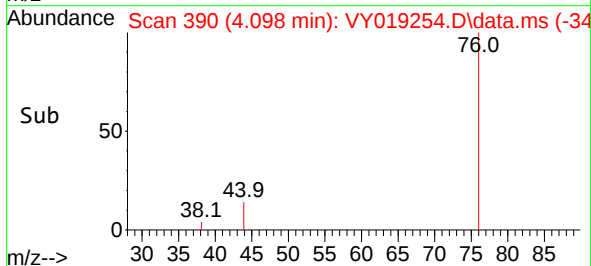
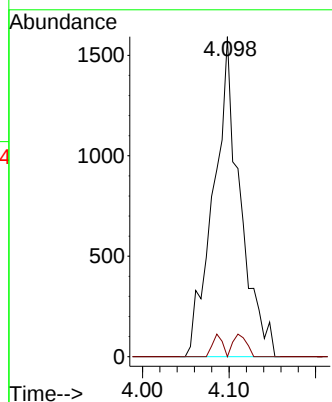


Tgt Ion: 76 Resp: 3404

Ion Ratio Lower Upper

76 100

78 0.0 6.8 10.2#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.616 min Scan# 475

Delta R.T. 0.012 min

Lab File: VY019254.D

Acq: 23 Aug 2024 13:52

Tgt Ion: 84 Resp: 2422

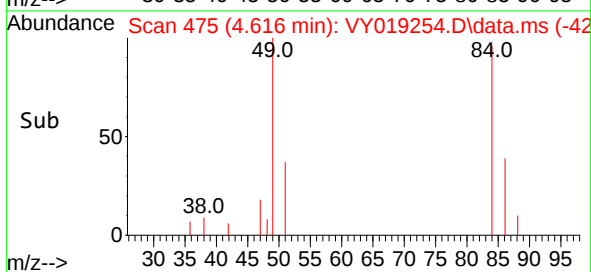
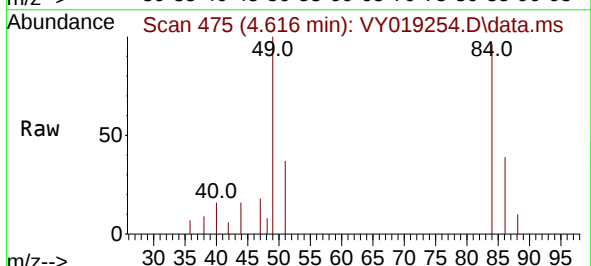
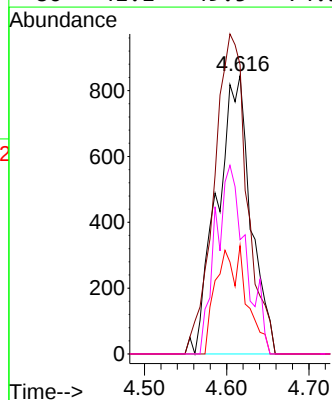
Ion Ratio Lower Upper

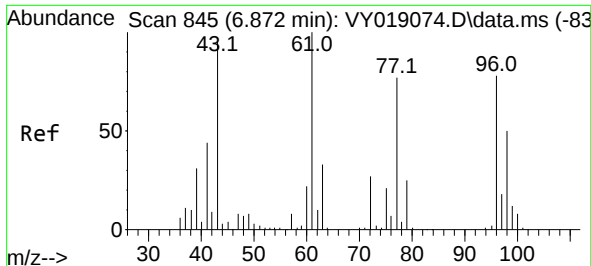
84 100

49 104.0 84.4 126.6

51 38.9 26.0 39.0

86 41.1 49.5 74.3#





#25

2-Butanone

Concen: 1.795 ug/l

RT: 6.890 min Scan# 84

Delta R.T. 0.019 min

Lab File: VY019254.D

Acq: 23 Aug 2024 13:52

Instrument :

MSVOA_Y

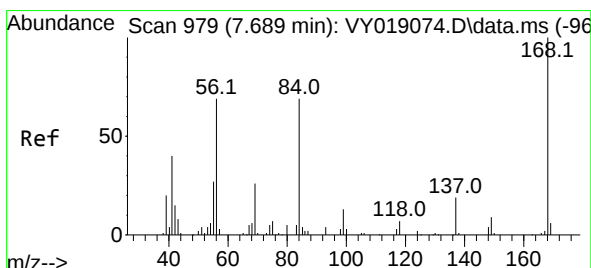
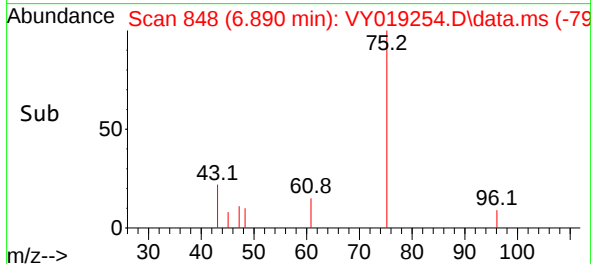
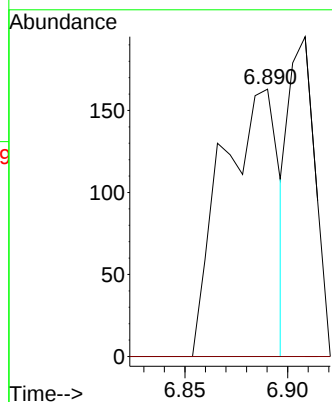
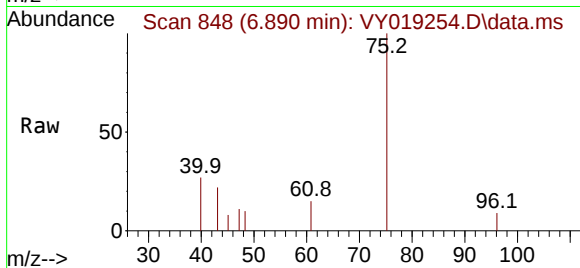
ClientSampleId :

Tgt Ion: 43 Resp: 312

Ion Ratio Lower Upper

43 100

72 0.0 27.3 40.9#



#31

Cyclohexane

Concen: Below Cal

RT: 7.695 min Scan# 980

Delta R.T. 0.006 min

Lab File: VY019254.D

Acq: 23 Aug 2024 13:52

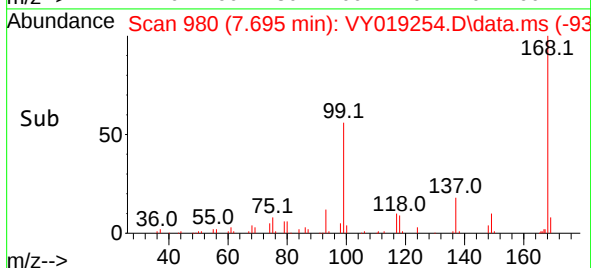
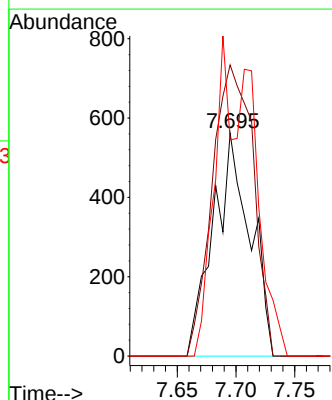
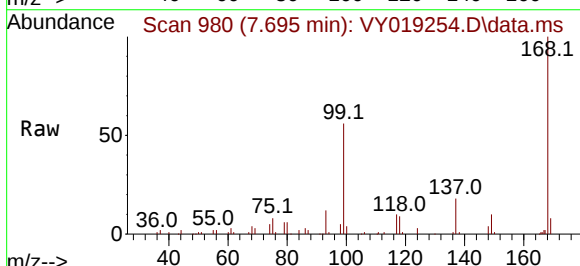
Tgt Ion: 56 Resp: 1228

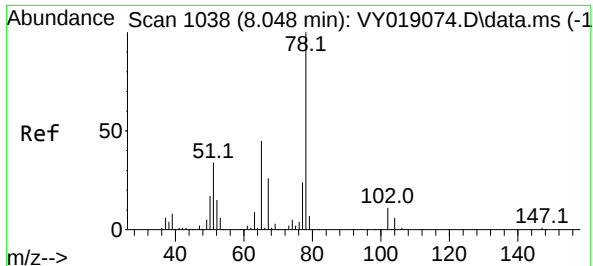
Ion Ratio Lower Upper

56 100

69 130.6 28.7 43.1#

84 97.0 77.7 116.5





#33

1,2-Dichloroethane-d4

Concen: 44.922 ug/l

RT: 8.049 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VY019254.D

Acq: 23 Aug 2024 13:52

Instrument :

MSVOA_Y

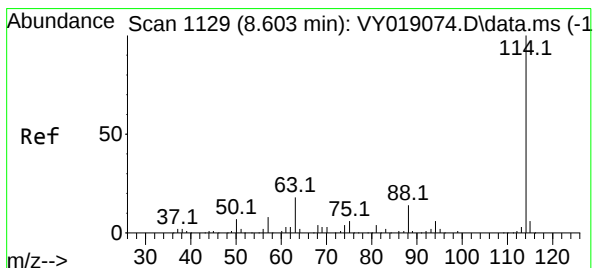
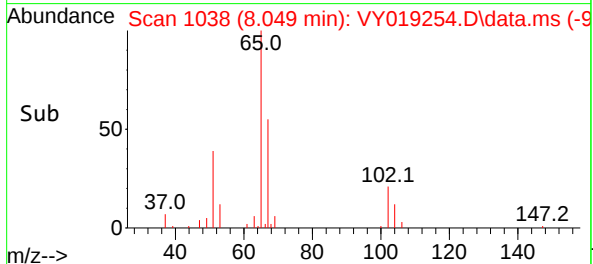
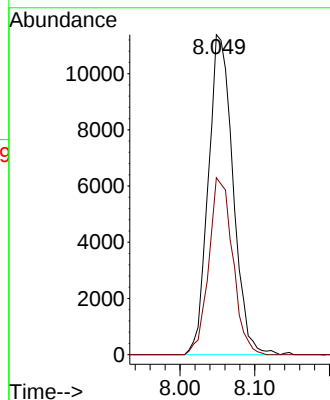
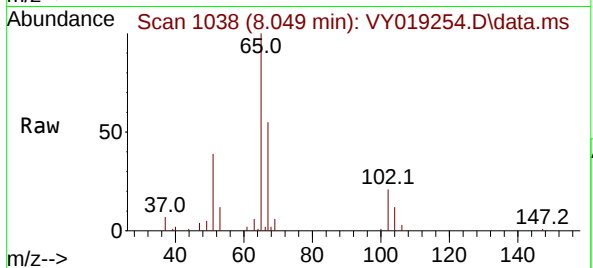
ClientSampleId :

Tgt Ion: 65 Resp: 26149

Ion Ratio Lower Upper

65 100

67 53.5 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: VY019254.D

Acq: 23 Aug 2024 13:52

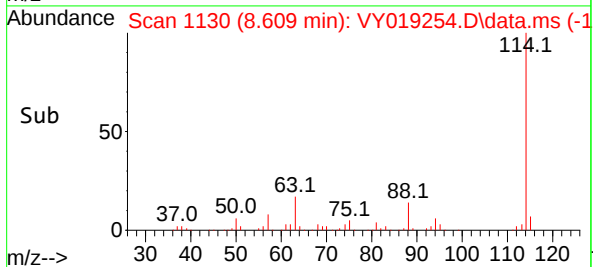
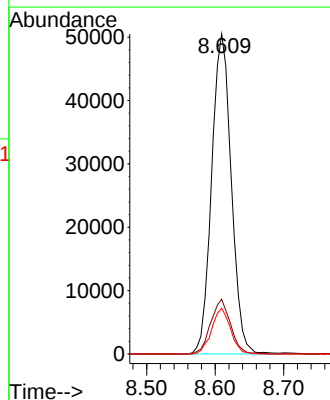
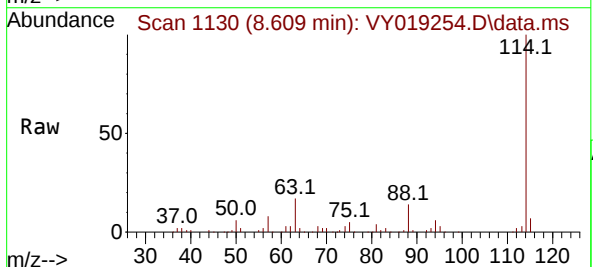
Tgt Ion: 114 Resp: 100276

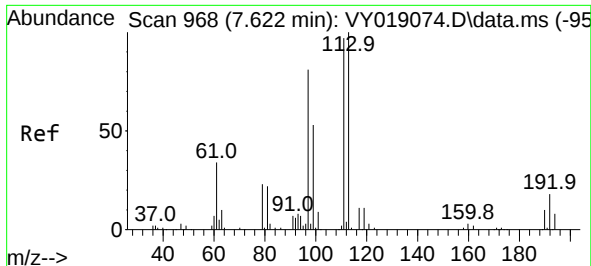
Ion Ratio Lower Upper

114 100

63 17.1 0.0 35.0

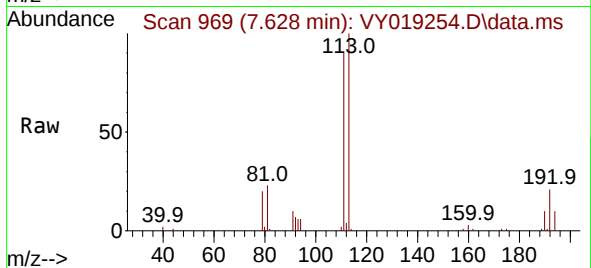
88 14.3 0.0 27.2



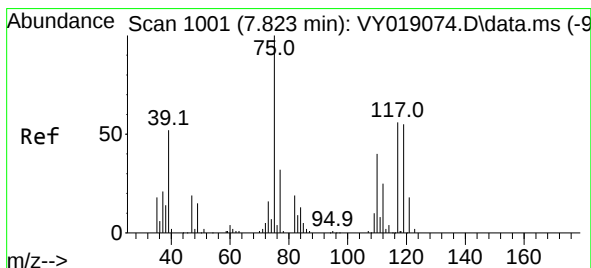
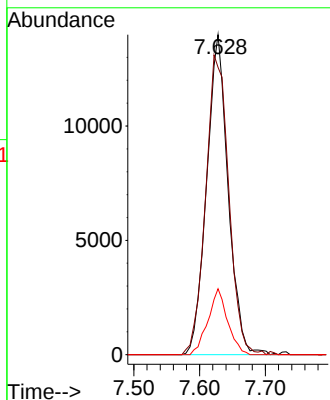
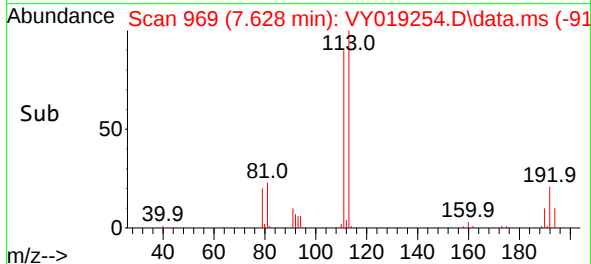


#35
Dibromofluoromethane
Concen: 48.624 ug/l
RT: 7.628 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY019254.D
Acq: 23 Aug 2024 13:52

Instrument :
MSVOA_Y
ClientSampleId :

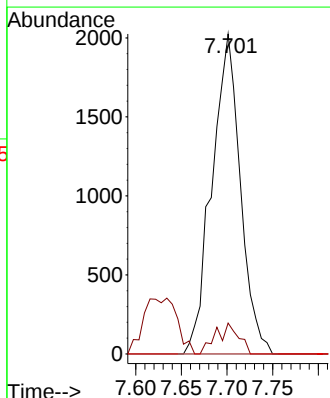
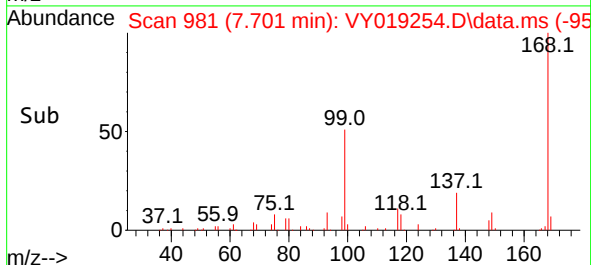
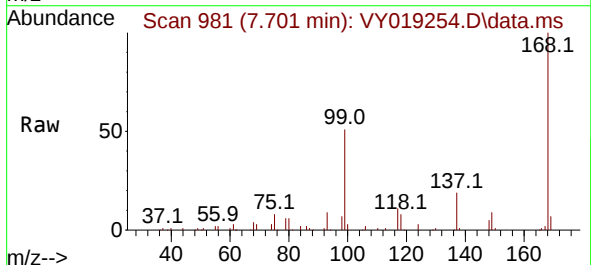


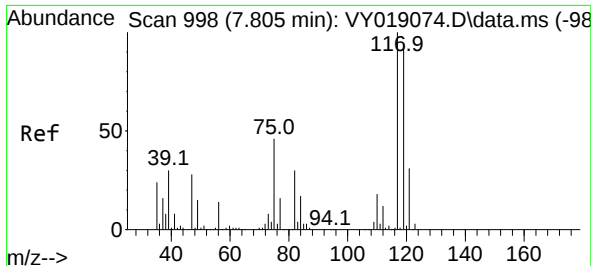
Tgt Ion:113 Resp: 31881
Ion Ratio Lower Upper
113 100
111 100.5 82.2 123.4
192 18.8 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.877 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY019254.D
Acq: 23 Aug 2024 13:52

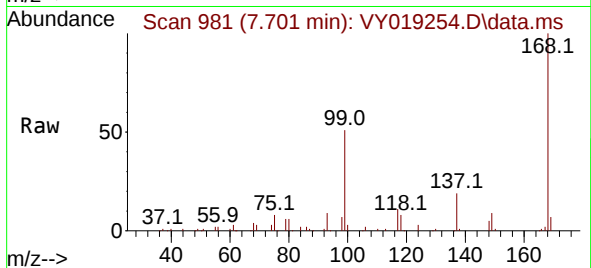
Tgt Ion: 75 Resp: 4391
Ion Ratio Lower Upper
75 100
110 7.6 19.0 57.0#
77 0.0 25.3 37.9#



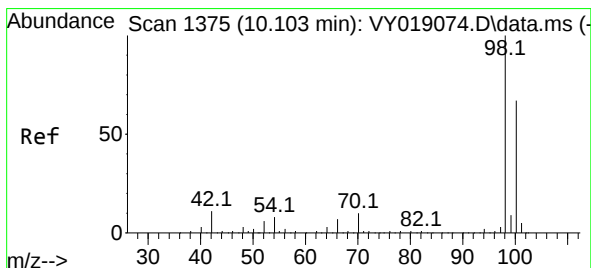
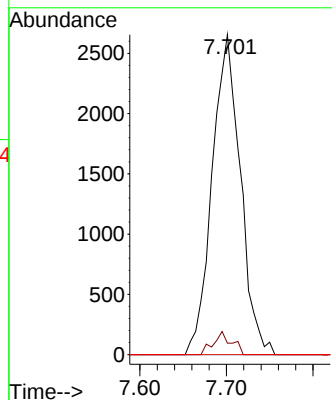
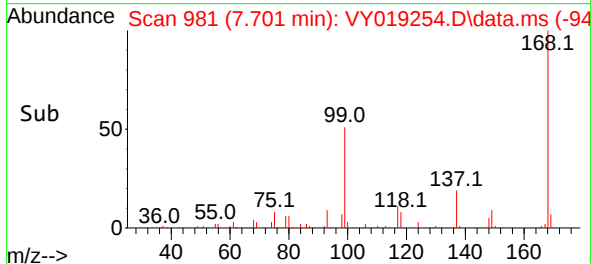


#38
Carbon Tetrachloride
Concen: 5.771 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY019254.D
Acq: 23 Aug 2024 13:52

Instrument :
MSVOA_Y
ClientSampleId :

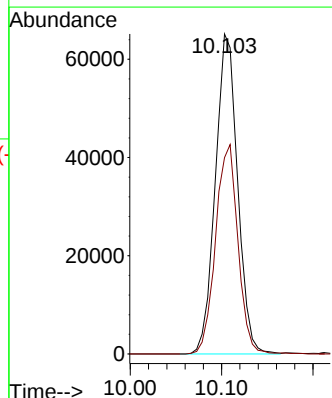
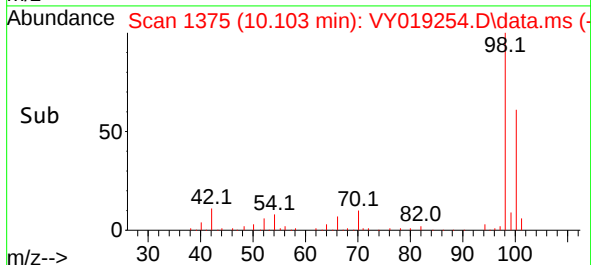
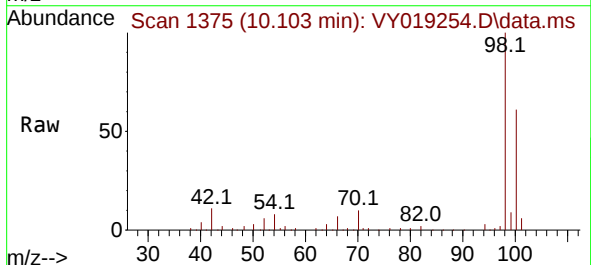


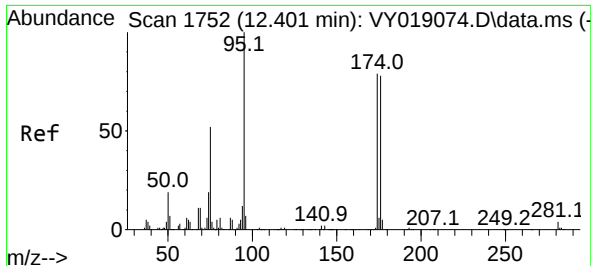
Tgt Ion:117 Resp: 6021
Ion Ratio Lower Upper
117 100
119 3.6 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 46.759 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019254.D
Acq: 23 Aug 2024 13:52

Tgt Ion: 98 Resp: 110328
Ion Ratio Lower Upper
98 100
100 65.8 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 37.344 ug/l

RT: 12.408 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019254.D

Acq: 23 Aug 2024 13:52

Instrument :

MSVOA_Y

ClientSampleId :

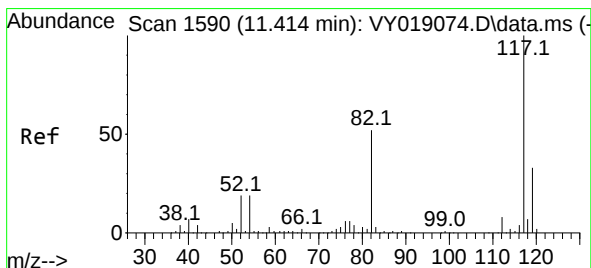
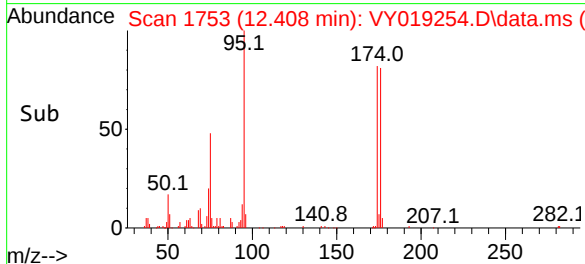
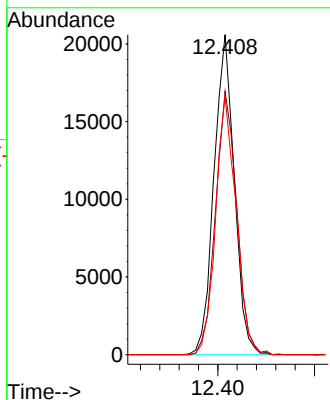
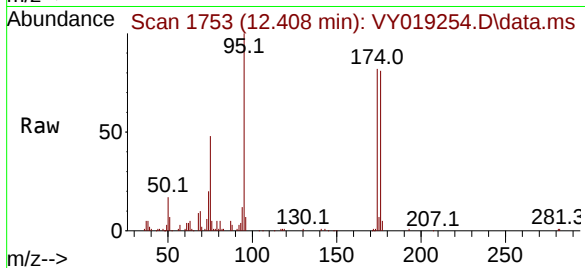
Tgt Ion: 95 Resp: 30038

Ion Ratio Lower Upper

95 100

174 85.7 0.0 175.6

176 81.6 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: VY019254.D

Acq: 23 Aug 2024 13:52

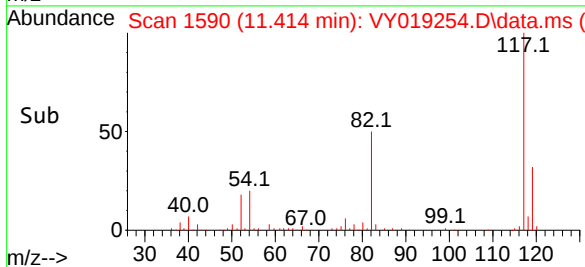
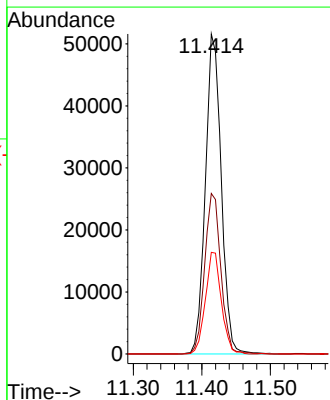
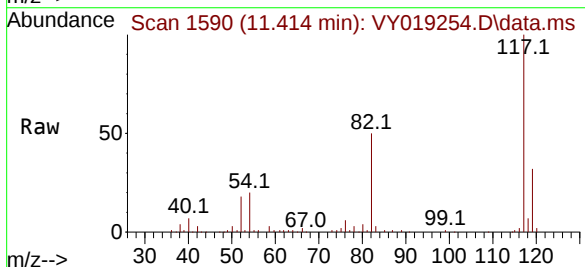
Tgt Ion: 117 Resp: 83231

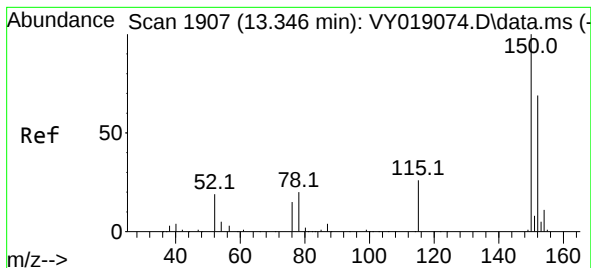
Ion Ratio Lower Upper

117 100

82 50.1 42.4 63.6

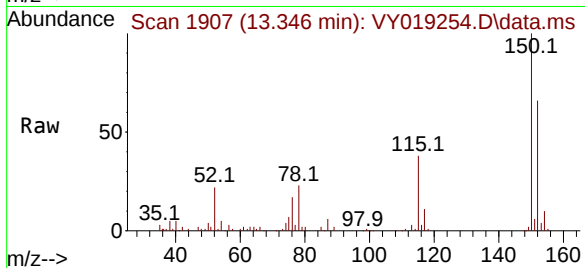
119 31.7 25.9 38.9



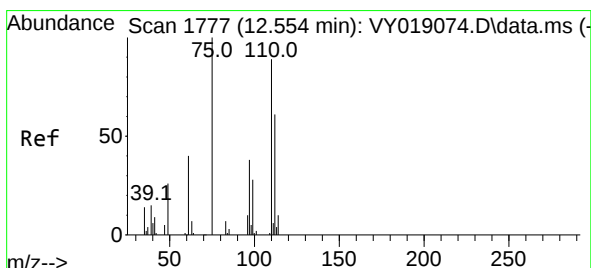
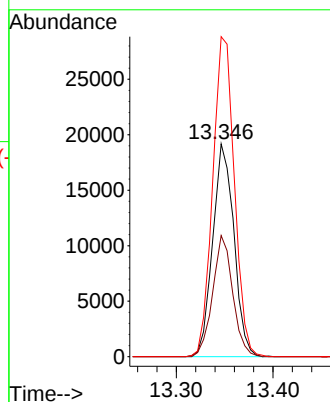
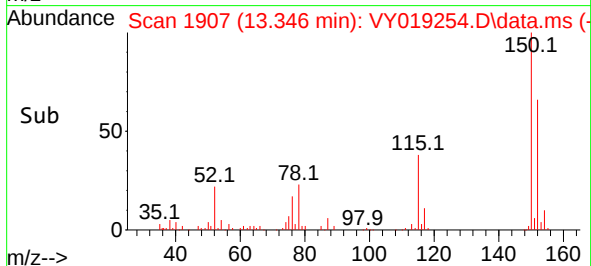


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019254.D
Acq: 23 Aug 2024 13:52

Instrument :
MSVOA_Y
ClientSampleId :

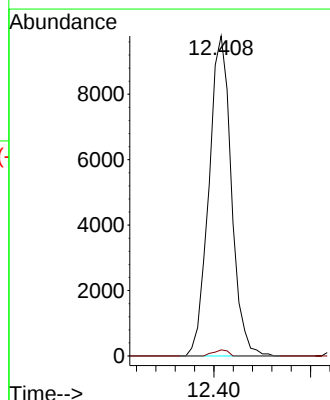
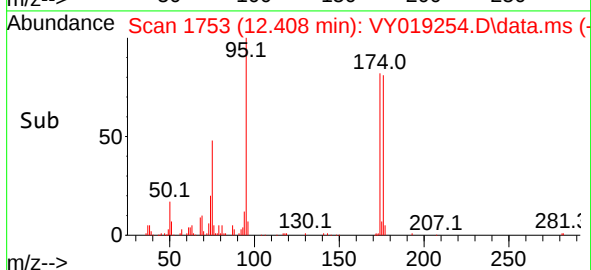
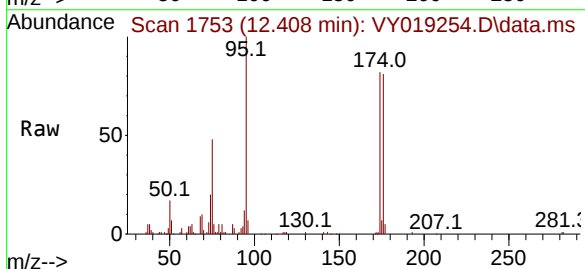


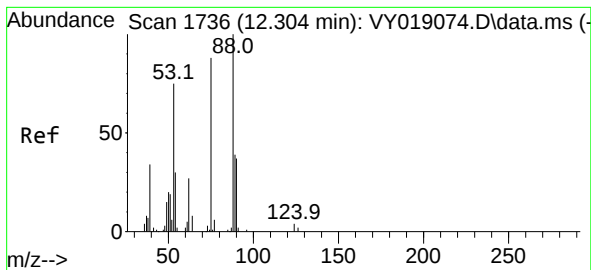
Tgt Ion:152 Resp: 29176
Ion Ratio Lower Upper
152 100
115 53.8 28.2 84.7
150 153.6 0.0 345.6



#76
1,2,3-Trichloropropane
Concen: 54.805 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY019254.D
Acq: 23 Aug 2024 13:52

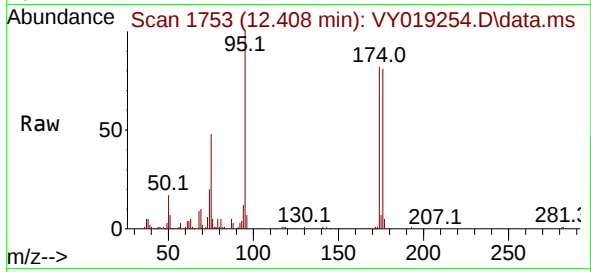
Tgt Ion: 75 Resp: 15769
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 135.350 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY019254.D
Acq: 23 Aug 2024 13:52

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#

