

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082324\
 Data File : VY019257.D
 Acq On : 23 Aug 2024 15:04
 Operator : SY/MD
 Sample : P3663-09
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 23 22:58:02 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)

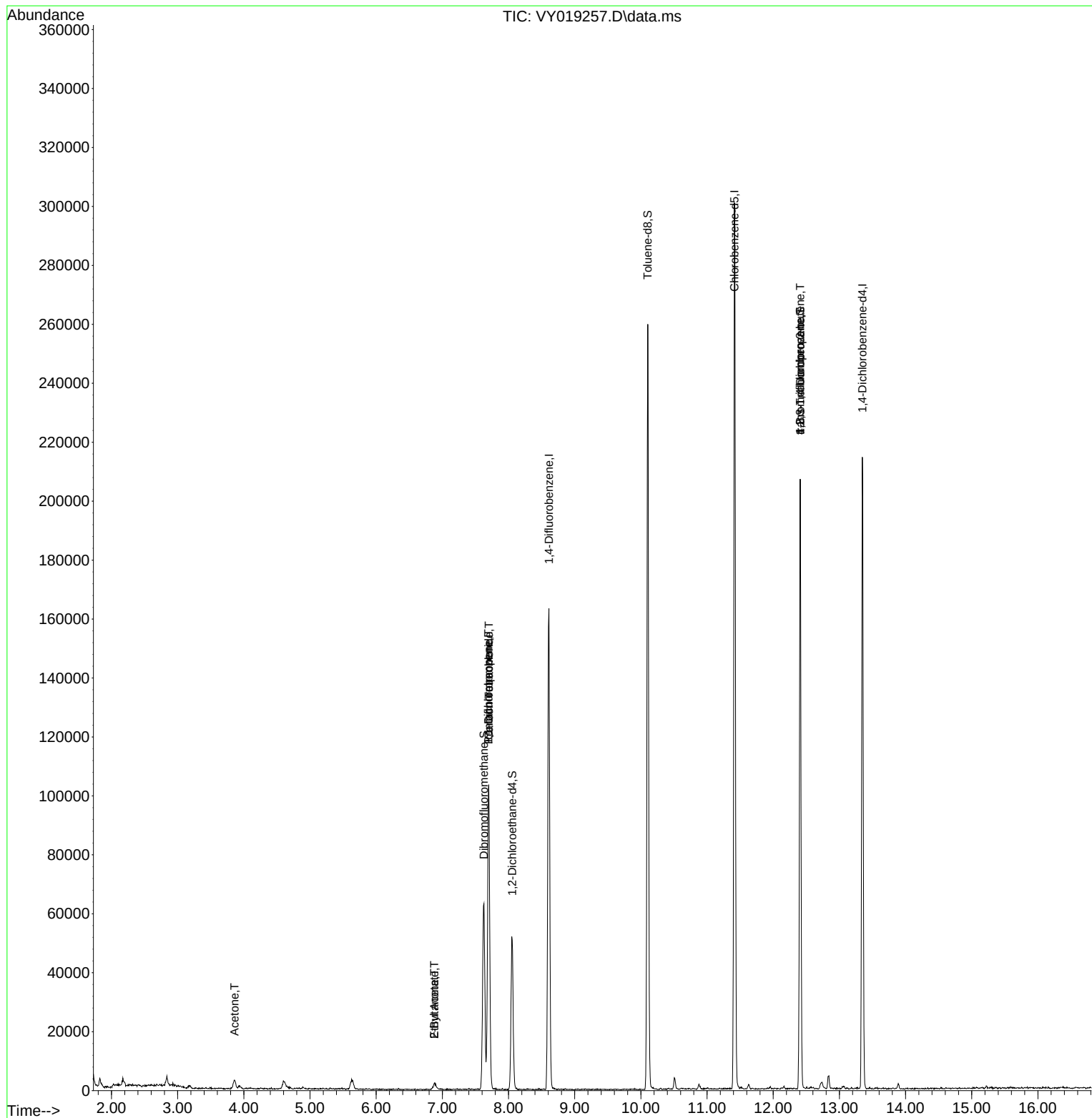
Internal Standards						
1) Pentafluorobenzene	7.695	168	80762	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	143957	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	164429	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	54871	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	39902	49.288	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.580%
35) Dibromofluoromethane	7.628	113	45242	48.065	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.120%
50) Toluene-d8	10.103	98	165836	48.958	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.920%
62) 4-Bromofluorobenzene	12.408	95	59553	51.573	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	103.140%
Target Compounds						
					Qvalue	
5) Bromomethane	2.604	94	129	Below Cal	#	42
6) Chloroethane	2.915	64	38	Below Cal	#	42
11) Tert butyl alcohol	4.836	59	107	Below Cal	#	88
16) Acetone	3.860	43	5402	35.980	ug/l #	81
20) Methylene Chloride	4.604	84	2022	Below Cal	#	84
25) 2-Butanone	6.878	43	934	3.863	ug/l #	72
31) Cyclohexane	7.695	56	1736	Below Cal	#	17
36) 1,1-Dichloropropene	7.695	75	6233	4.822	ug/l #	49
37) Ethyl Acetate	6.878	43	934	1.631	ug/l #	90
38) Carbon Tetrachloride	7.701	117	7676	5.124	ug/l #	17
76) 1,2,3-Trichloropropane	12.408	75	32486	60.034	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	32486	148.264	ug/l #	16

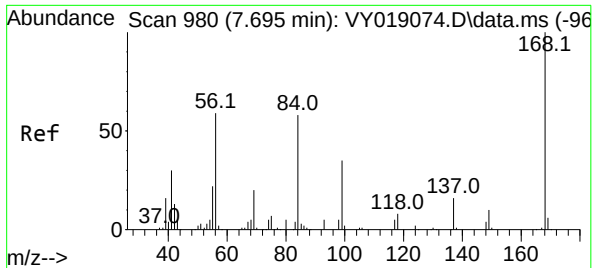
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082324\
Data File : VY019257.D
Acq On : 23 Aug 2024 15:04
Operator : SY/MD
Sample : P3663-09
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Aug 23 22:58:02 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

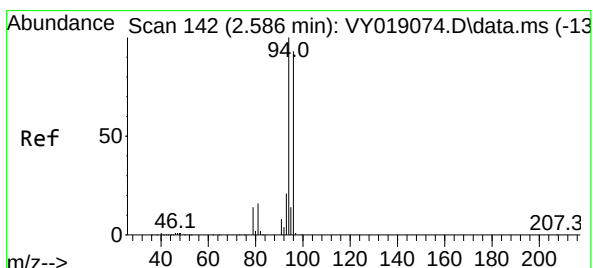
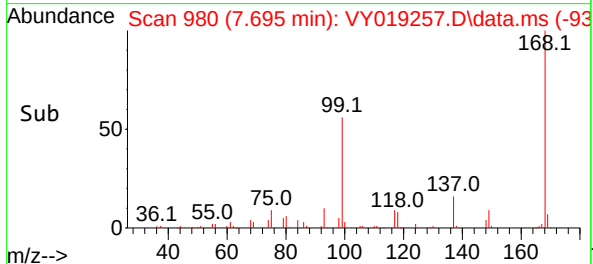
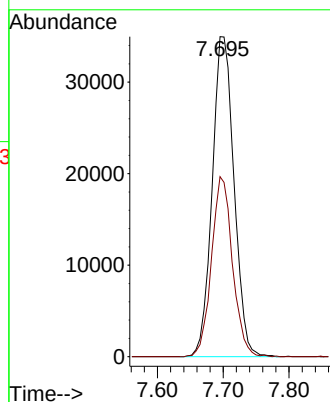
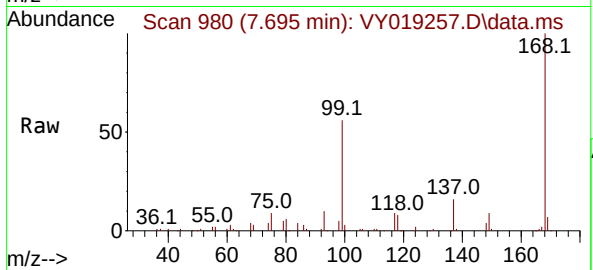




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019257.D
Acq: 23 Aug 2024 15:04

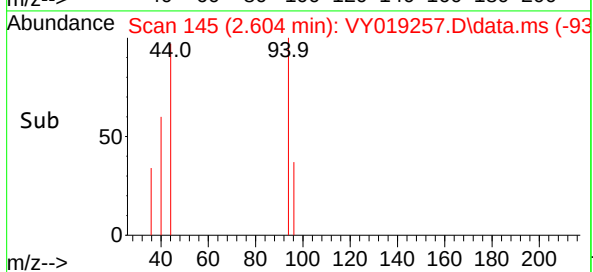
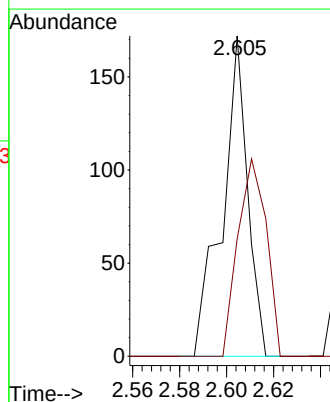
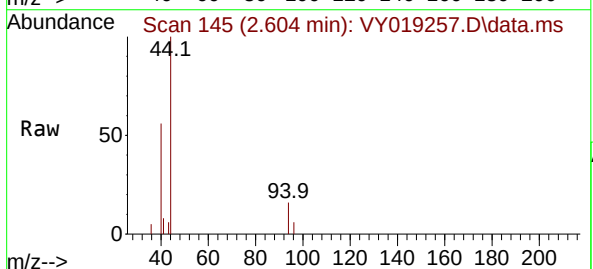
Instrument :
MSVOA_Y
ClientSampleId :

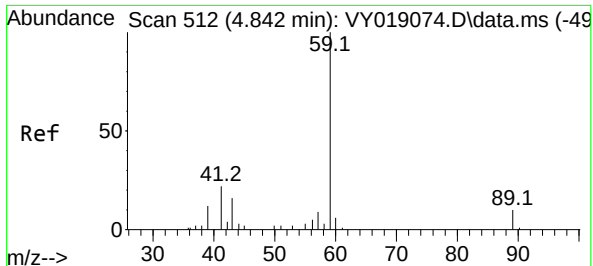
Tgt Ion:168 Resp: 80762
Ion Ratio Lower Upper
168 100
99 56.2 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.604 min Scan# 145
Delta R.T. 0.018 min
Lab File: VY019257.D
Acq: 23 Aug 2024 15:04

Tgt Ion: 94 Resp: 129
Ion Ratio Lower Upper
94 100
96 36.6 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: VY019257.D

Acq: 23 Aug 2024 15:04

Instrument :

MSVOA_Y

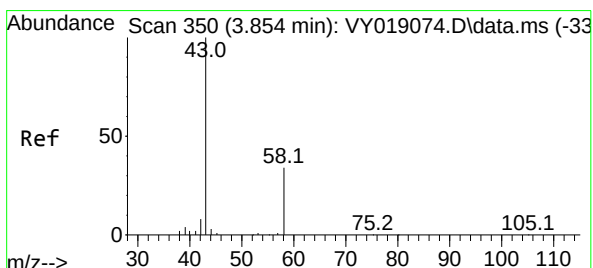
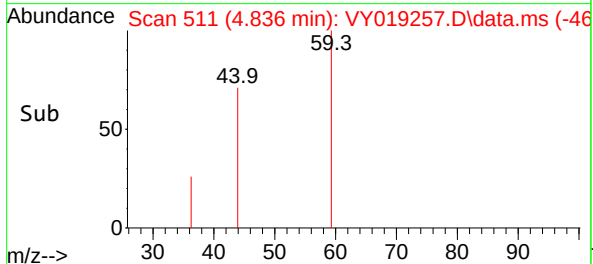
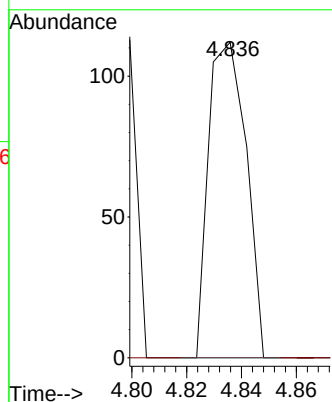
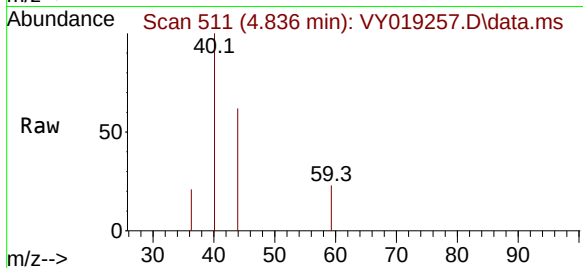
ClientSampleId :

Tgt Ion: 59 Resp: 107

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#



#16

Acetone

Concen: 35.980 ug/l

RT: 3.860 min Scan# 351

Delta R.T. 0.006 min

Lab File: VY019257.D

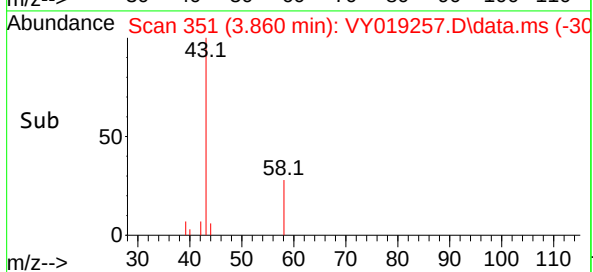
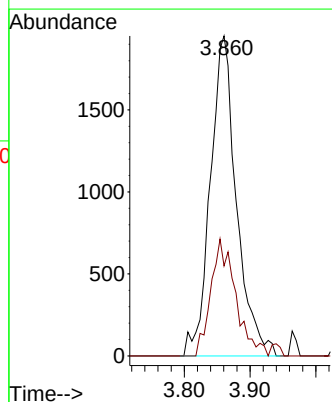
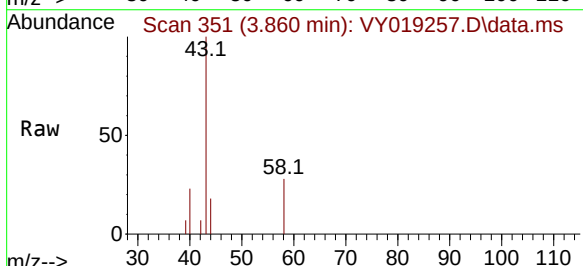
Acq: 23 Aug 2024 15:04

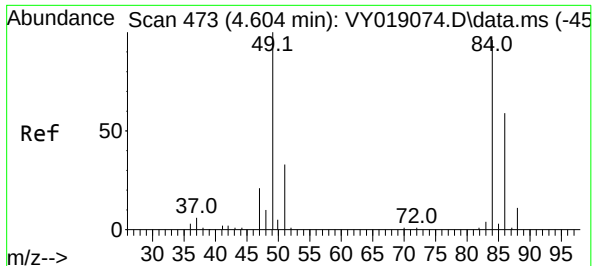
Tgt Ion: 43 Resp: 5402

Ion Ratio Lower Upper

43 100

58 28.1 31.7 47.5#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.604 min Scan# 41

Delta R.T. 0.000 min

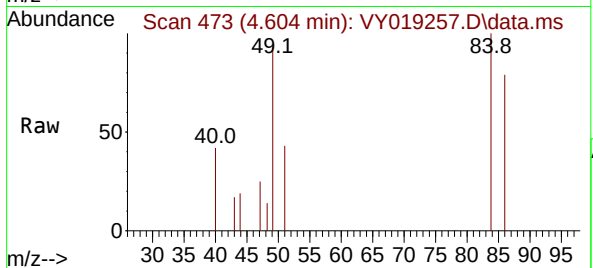
Lab File: VY019257.D

Acq: 23 Aug 2024 15:04

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 2022

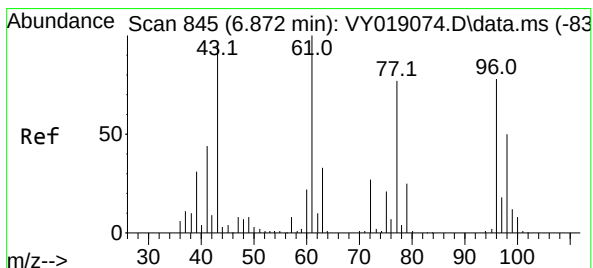
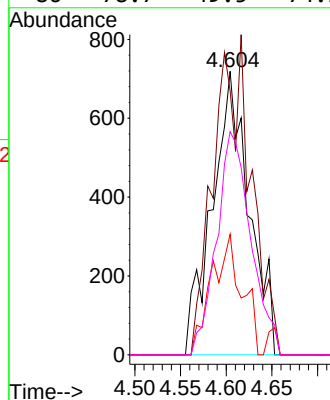
Ion Ratio Lower Upper

84 100

49 93.2 84.4 126.6

51 42.6 26.0 39.0#

86 78.7 49.5 74.3#



#25

2-Butanone

Concen: 3.863 ug/l

RT: 6.878 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY019257.D

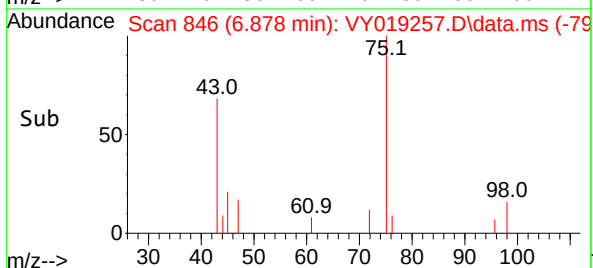
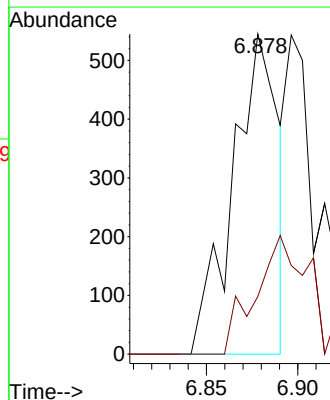
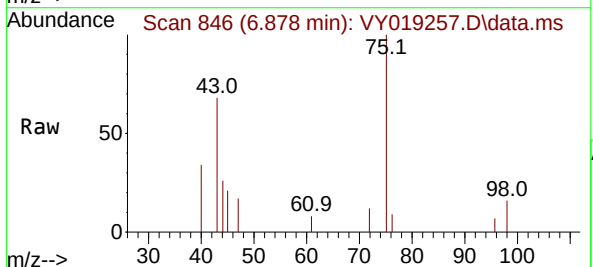
Acq: 23 Aug 2024 15:04

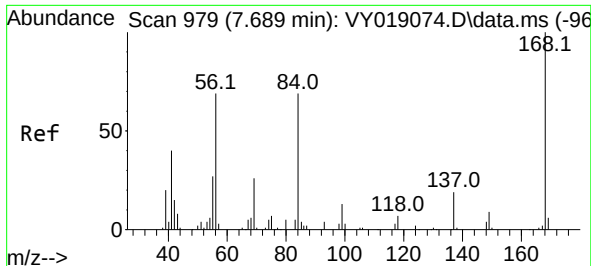
Tgt Ion: 43 Resp: 934

Ion Ratio Lower Upper

43 100

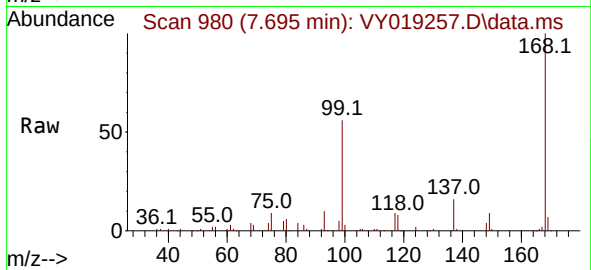
72 18.0 27.3 40.9#



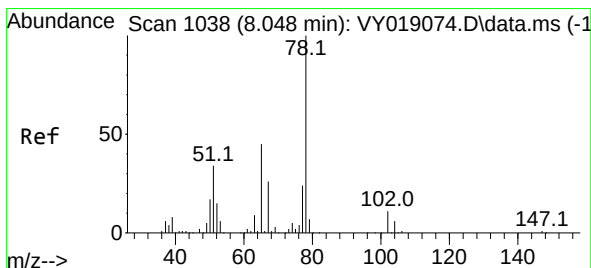
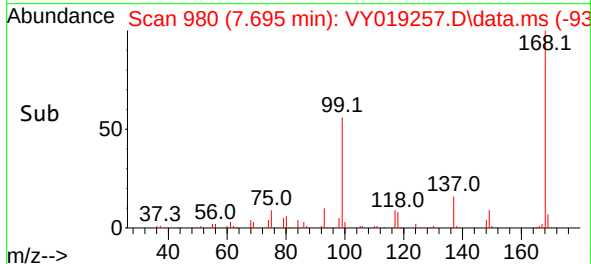
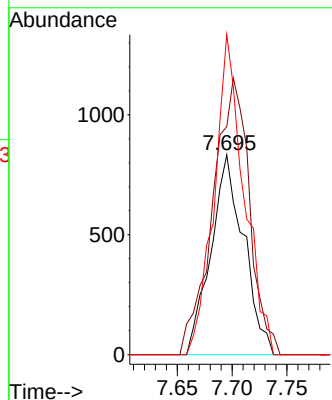


#31
Cyclohexane
Concen: Below Cal
RT: 7.695 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019257.D
Acq: 23 Aug 2024 15:04

Instrument :
MSVOA_Y
ClientSampleId :

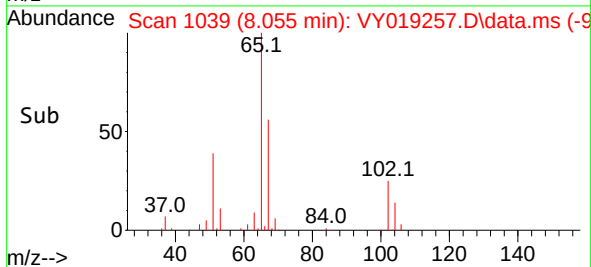
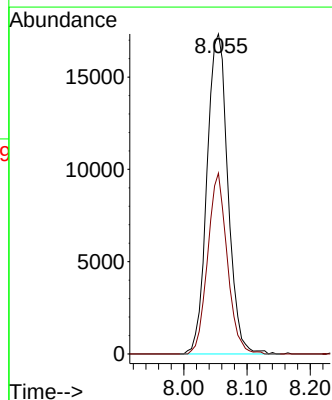
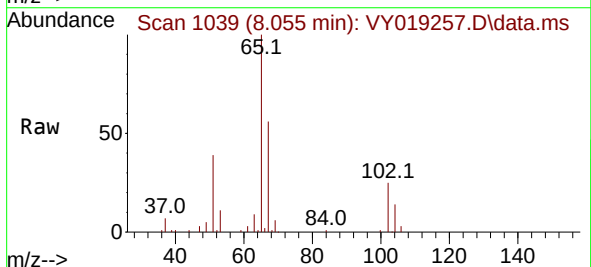


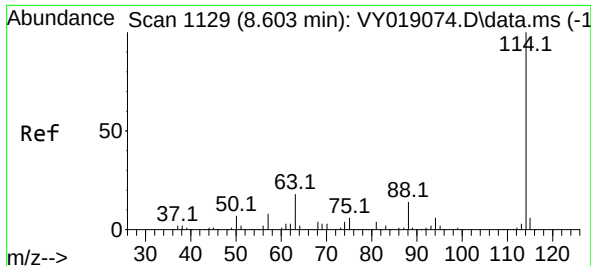
Tgt Ion: 56 Resp: 1736
Ion Ratio Lower Upper
56 100
69 114.2 28.7 43.1#
84 160.1 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 49.288 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019257.D
Acq: 23 Aug 2024 15:04

Tgt Ion: 65 Resp: 39902
Ion Ratio Lower Upper
65 100
67 52.9 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: VY019257.D

Acq: 23 Aug 2024 15:04

Instrument :

MSVOA_Y

ClientSampleId :

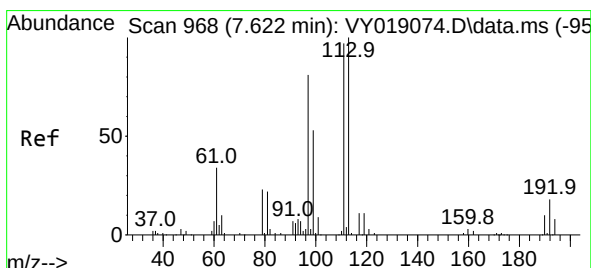
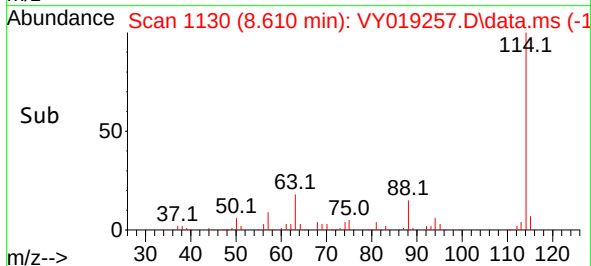
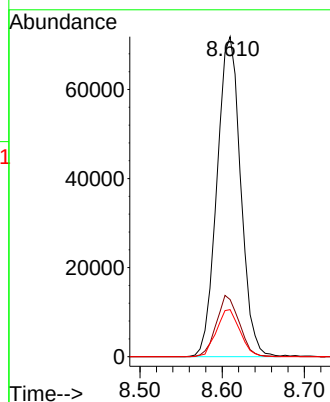
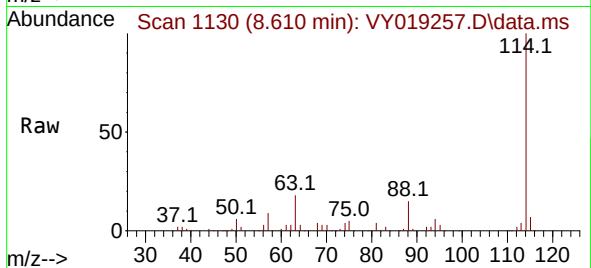
Tgt Ion:114 Resp: 143957

Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.0

88 14.7 0.0 27.2



#35

Dibromofluoromethane

Concen: 48.065 ug/l

RT: 7.628 min Scan# 969

Delta R.T. 0.006 min

Lab File: VY019257.D

Acq: 23 Aug 2024 15:04

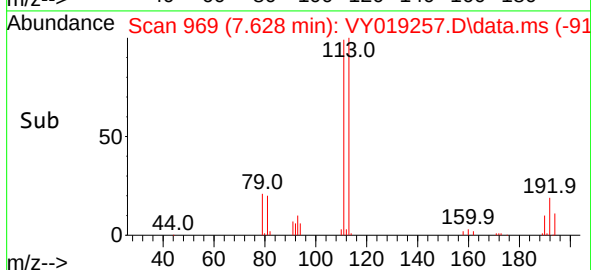
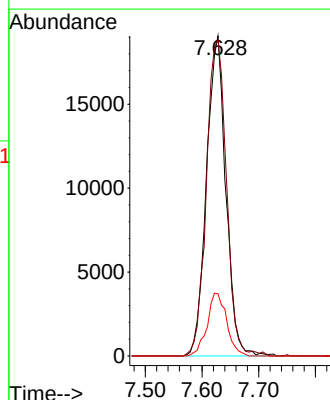
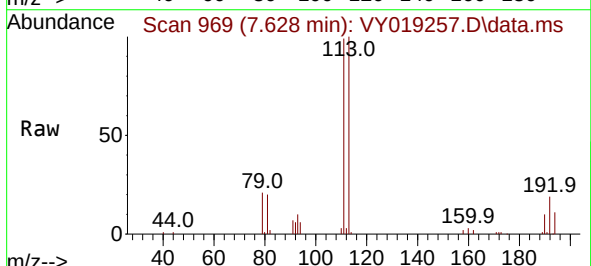
Tgt Ion:113 Resp: 45242

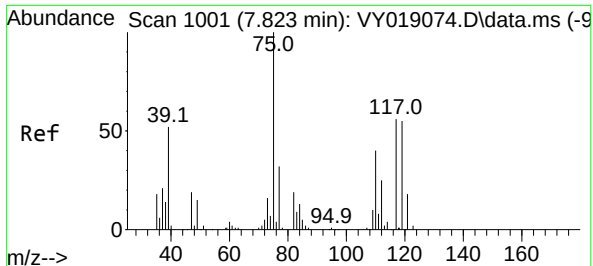
Ion Ratio Lower Upper

113 100

111 102.4 82.2 123.4

192 19.8 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.822 ug/l

RT: 7.695 min Scan# 91

Delta R.T. -0.128 min

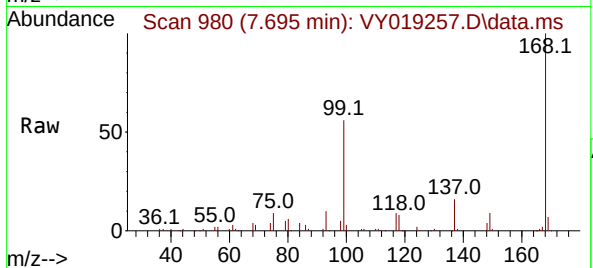
Lab File: VY019257.D

Acq: 23 Aug 2024 15:04

Instrument :

MSVOA_Y

ClientSampleId :



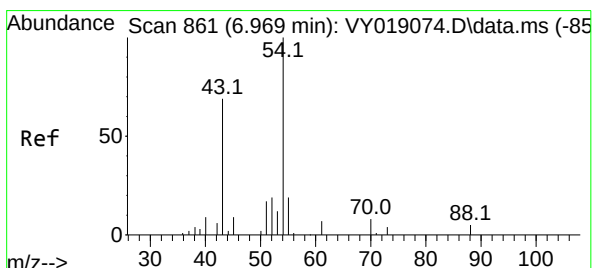
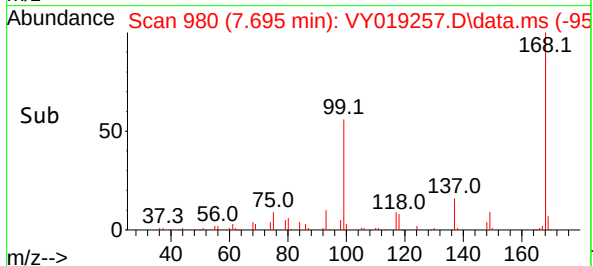
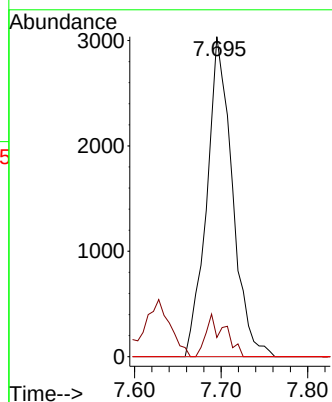
Tgt Ion: 75 Resp: 6233

Ion Ratio Lower Upper

75 100

110 9.8 19.0 57.0#

77 0.0 25.3 37.9#



#37

Ethyl Acetate

Concen: 1.631 ug/l

RT: 6.878 min Scan# 846

Delta R.T. -0.091 min

Lab File: VY019257.D

Acq: 23 Aug 2024 15:04

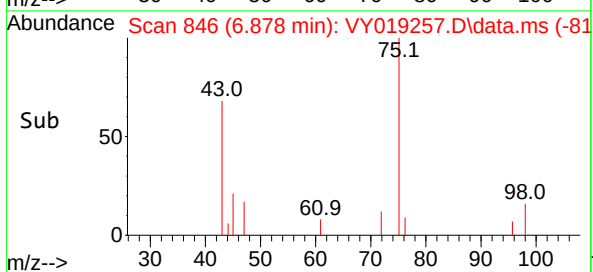
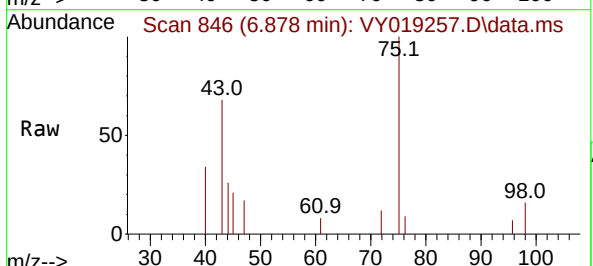
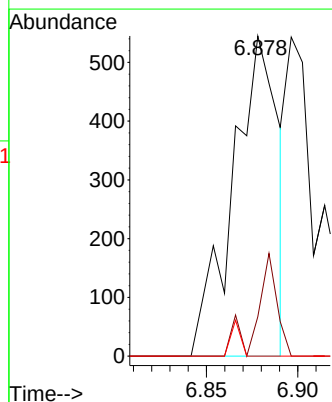
Tgt Ion: 43 Resp: 934

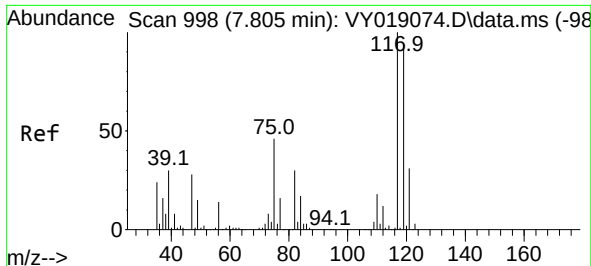
Ion Ratio Lower Upper

43 100

61 14.6 12.6 19.0

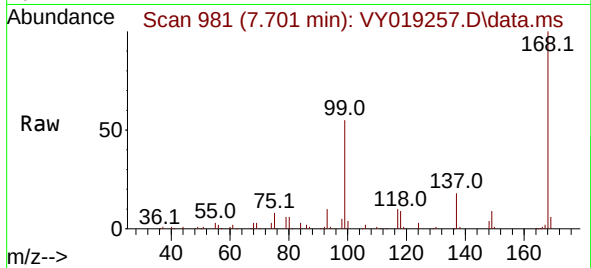
70 2.4 7.8 11.8#



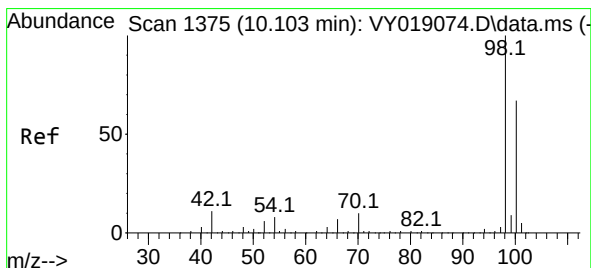
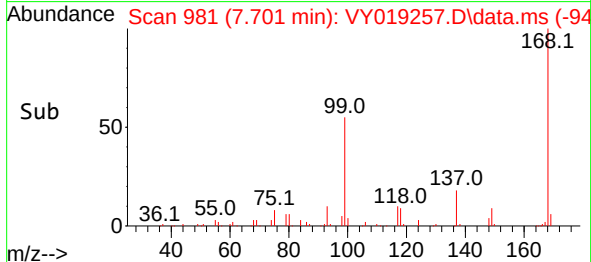
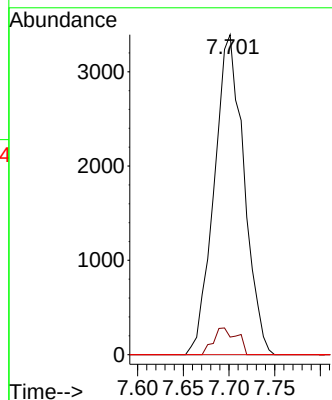


#38
Carbon Tetrachloride
Concen: 5.124 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY019257.D
Acq: 23 Aug 2024 15:04

Instrument :
MSVOA_Y
ClientSampleId :

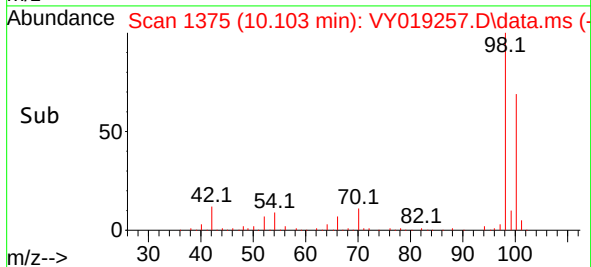
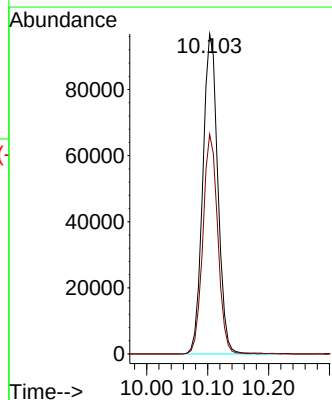
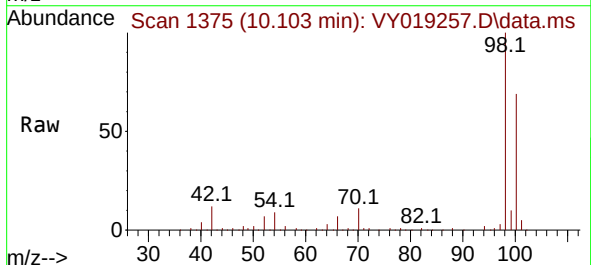


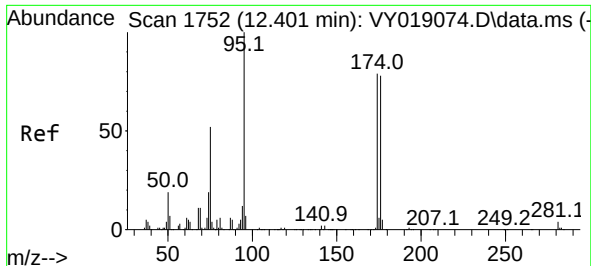
Tgt Ion:117 Resp: 7676
Ion Ratio Lower Upper
117 100
119 5.5 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 48.958 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019257.D
Acq: 23 Aug 2024 15:04

Tgt Ion: 98 Resp: 165836
Ion Ratio Lower Upper
98 100
100 67.7 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 51.573 ug/l

RT: 12.408 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019257.D

Acq: 23 Aug 2024 15:04

Instrument :

MSVOA_Y

ClientSampleId :

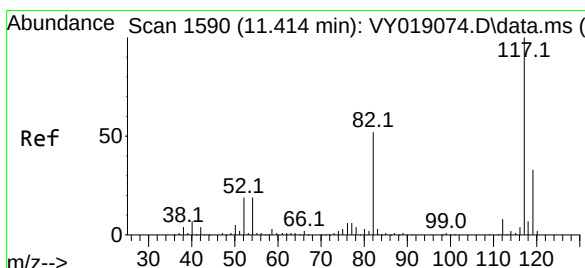
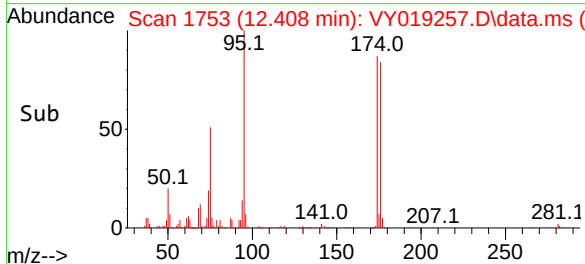
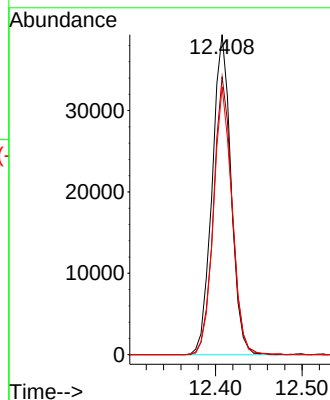
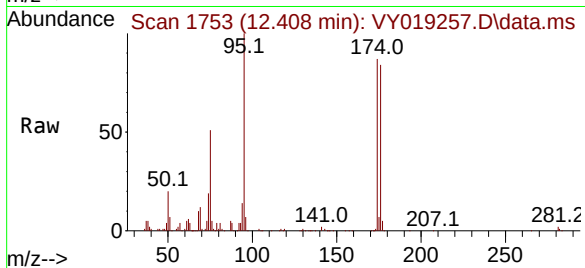
Tgt Ion: 95 Resp: 59553

Ion Ratio Lower Upper

95 100

174 85.1 0.0 175.6

176 82.4 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: VY019257.D

Acq: 23 Aug 2024 15:04

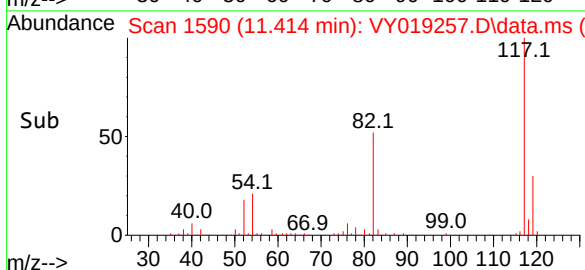
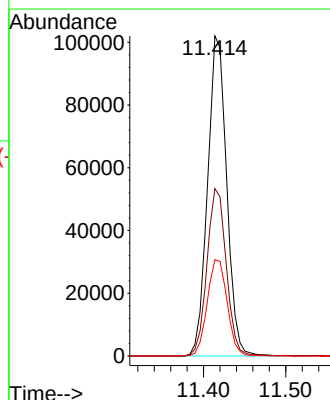
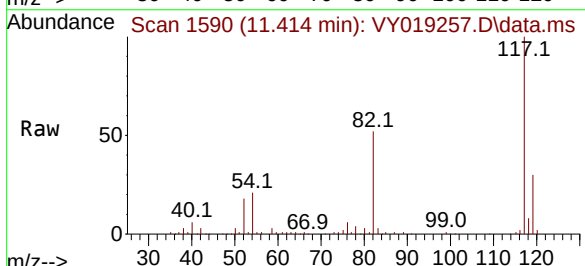
Tgt Ion: 117 Resp: 164429

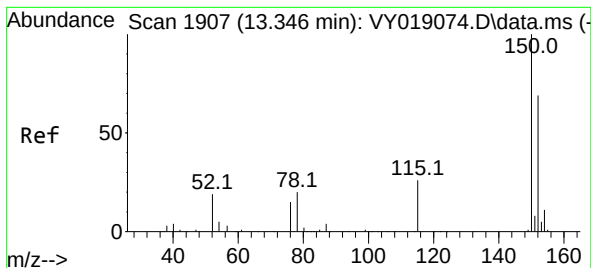
Ion Ratio Lower Upper

117 100

82 52.3 42.4 63.6

119 30.1 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: VY019257.D

Acq: 23 Aug 2024 15:04

Instrument :

MSVOA_Y

ClientSampleId :

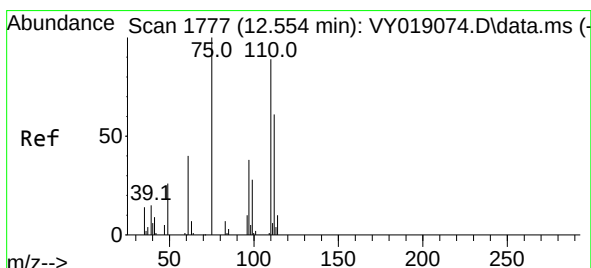
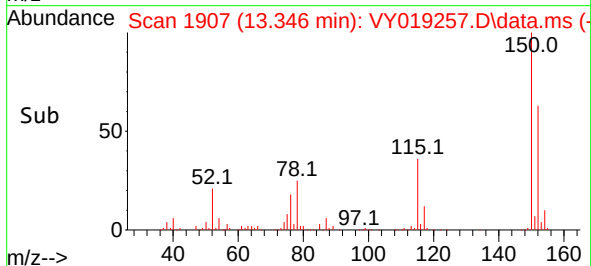
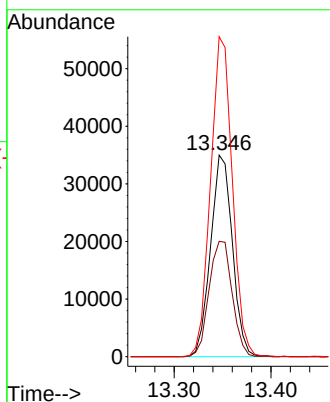
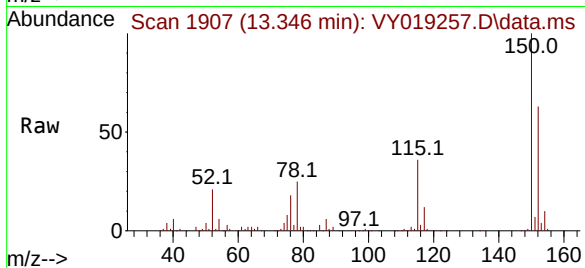
Tgt Ion:152 Resp: 54871

Ion Ratio Lower Upper

152 100

115 60.5 28.2 84.7

150 158.3 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 60.034 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.146 min

Lab File: VY019257.D

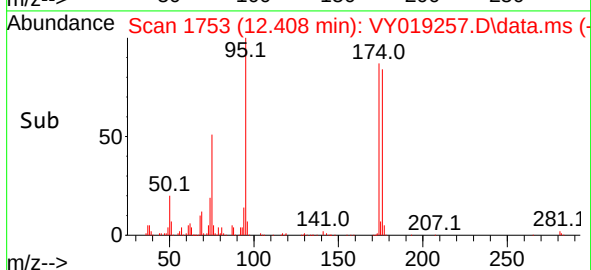
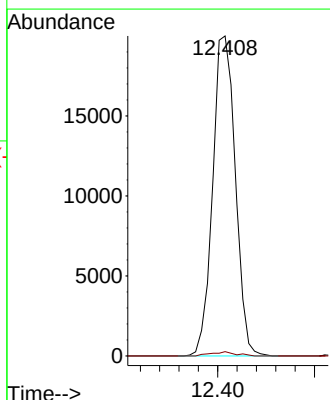
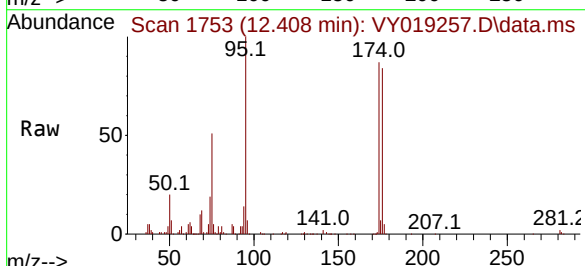
Acq: 23 Aug 2024 15:04

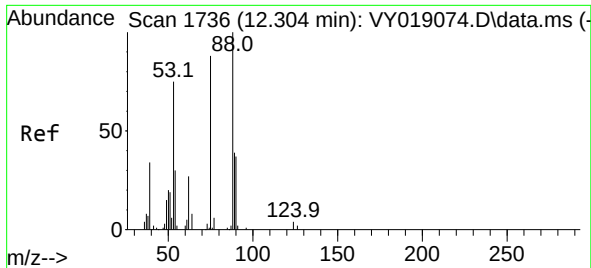
Tgt Ion: 75 Resp: 32486

Ion Ratio Lower Upper

75 100

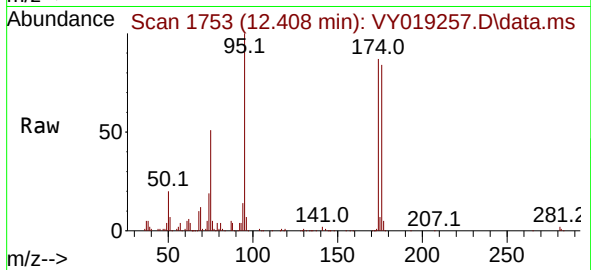
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 148.264 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY019257.D
 Acq: 23 Aug 2024 15:04

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	75	Resp:	32486
Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.8	100.2#
89	0.1	35.8	53.6#

