

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082124\
 Data File : VY019176.D
 Acq On : 21 Aug 2024 17:54
 Operator : SY/MD
 Sample : P3643-04
 Misc : 7.22g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 22 01:16:46 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)

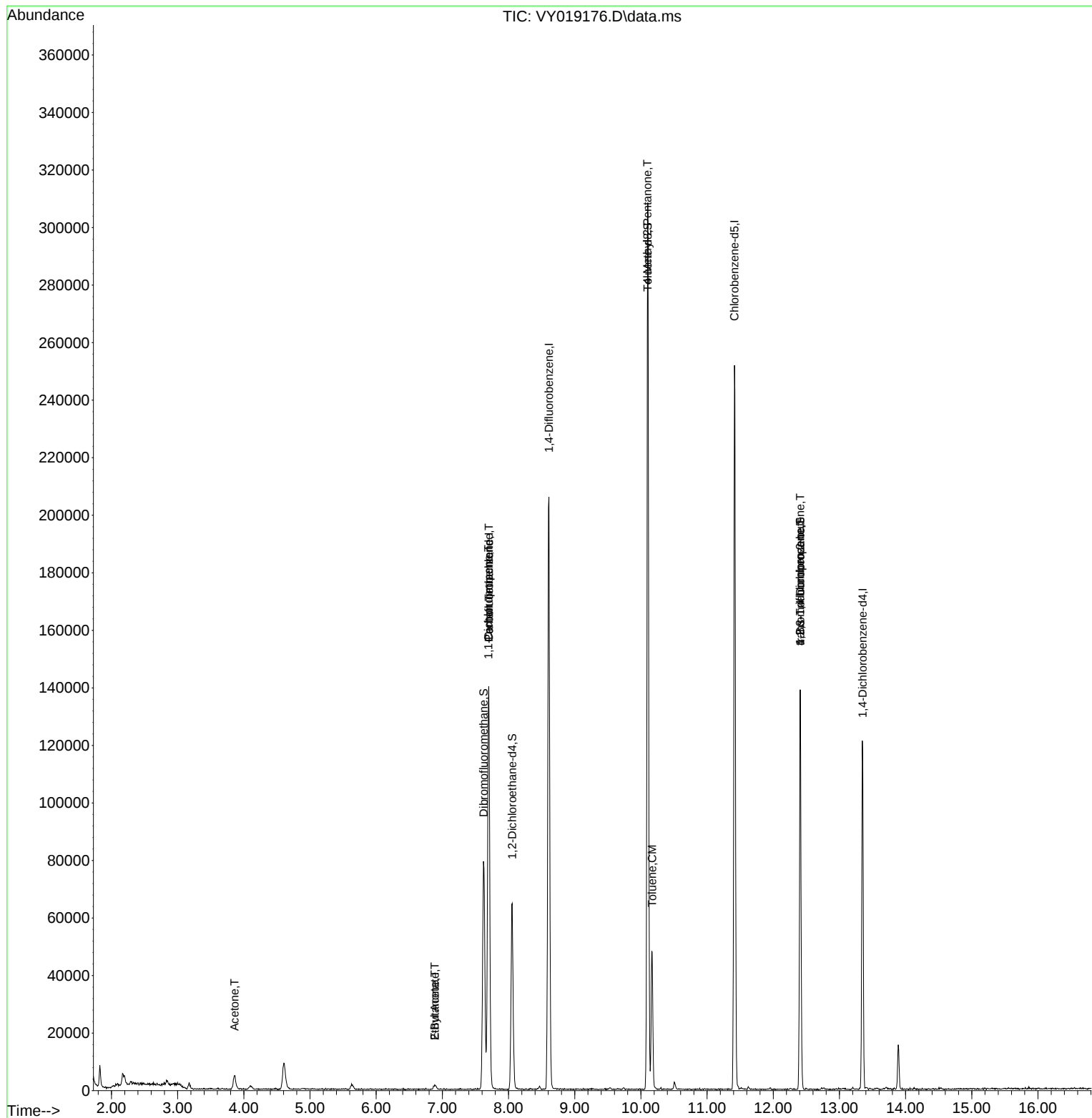
Internal Standards						
1) Pentafluorobenzene	7.701	168	110099	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	181237	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	141069	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	30478	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	50371	45.640	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.280%
35) Dibromofluoromethane	7.622	113	55785	47.075	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.140%
50) Toluene-d8	10.103	98	198281	46.495	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.000%
62) 4-Bromofluorobenzene	12.408	95	38248	26.309	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	52.620%
Target Compounds						
					Qvalue	
5) Bromomethane	2.611	94	297	Below Cal	#	3
6) Chloroethane	2.678	64	49	Below Cal	#	42
11) Tert butyl alcohol	4.824	59	22	Below Cal	#	88
13) Acrolein	3.671	56	40	Below Cal	#	54
16) Acetone	3.860	43	8224	40.180	ug/l #	79
20) Methylene Chloride	4.610	84	6738	Below Cal		95
25) 2-Butanone	6.884	43	2670	8.100	ug/l	97
31) Cyclohexane	7.695	56	2320	Below Cal	#	27
36) 1,1-Dichloropropene	7.695	75	8160	5.015	ug/l #	48
37) Ethyl Acetate	6.884	43	2670	3.703	ug/l #	69
38) Carbon Tetrachloride	7.701	117	11064	5.867	ug/l #	16
51) 4-Methyl-2-Pentanone	10.097	43	1115	1.441	ug/l #	1
52) Toluene	10.170	92	20746	6.333	ug/l	94
76) 1,2,3-Trichloropropane	12.408	75	20755	69.052	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	20755	170.537	ug/l #	16

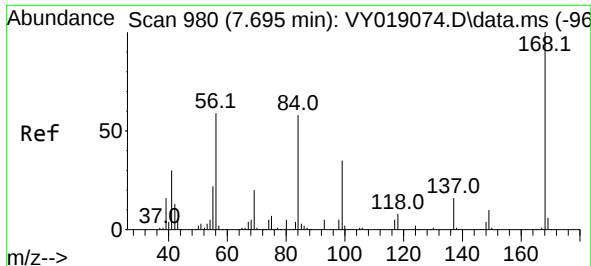
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082124\
Data File : VY019176.D
Acq On : 21 Aug 2024 17:54
Operator : SY/MD
Sample : P3643-04
Misc : 7.22g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Aug 22 01:16:46 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

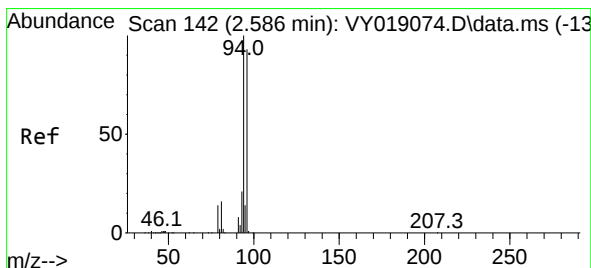
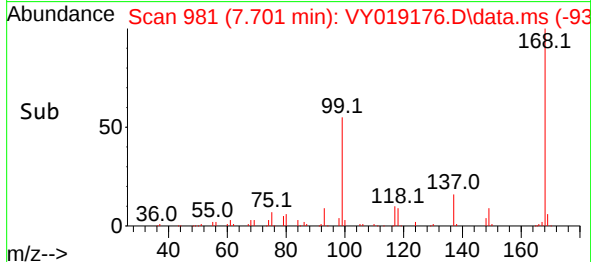
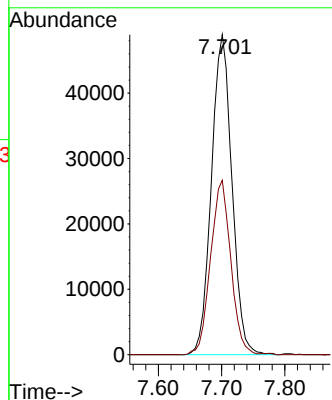
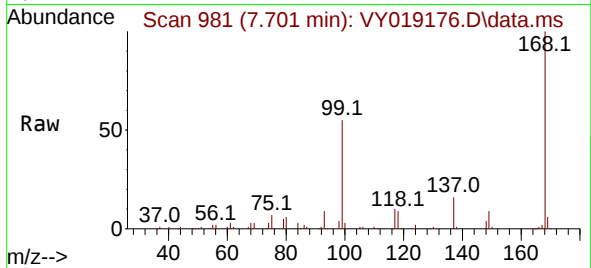




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019176.D
Acq: 21 Aug 2024 17:54

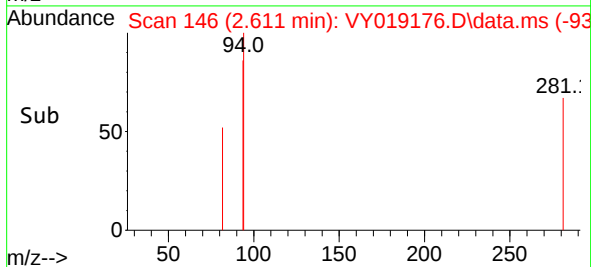
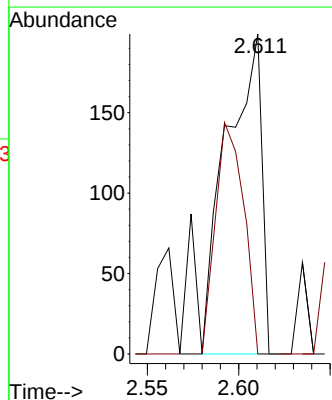
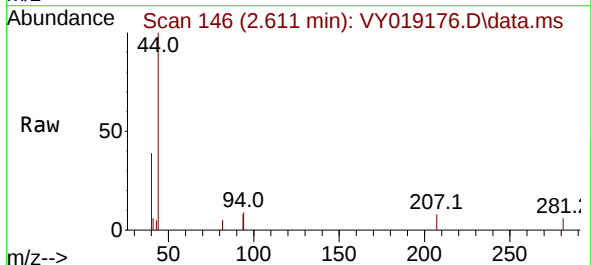
Instrument :
MSVOA_Y
ClientSampleId :

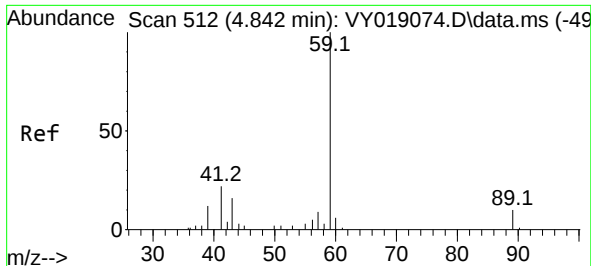
Tgt Ion:168 Resp: 110099
Ion Ratio Lower Upper
168 100
99 54.5 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.611 min Scan# 146
Delta R.T. 0.025 min
Lab File: VY019176.D
Acq: 21 Aug 2024 17:54

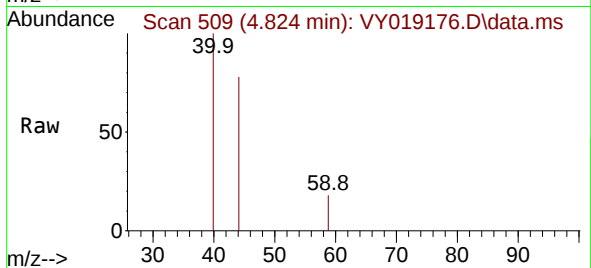
Tgt Ion: 94 Resp: 297
Ion Ratio Lower Upper
94 100
96 0.0 74.1 111.1#



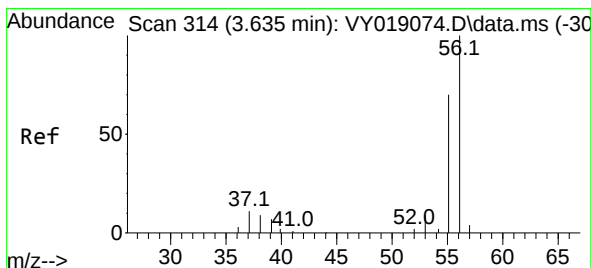
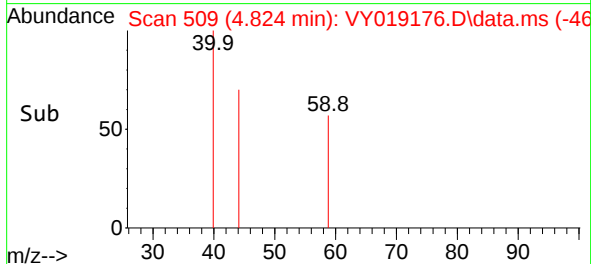
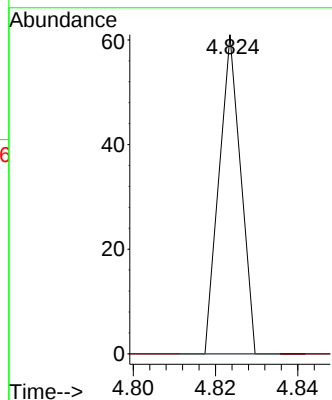


#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.824 min Scan# 509
Delta R.T. -0.018 min
Lab File: VY019176.D
Acq: 21 Aug 2024 17:54

Instrument :
MSVOA_Y
ClientSampleId :

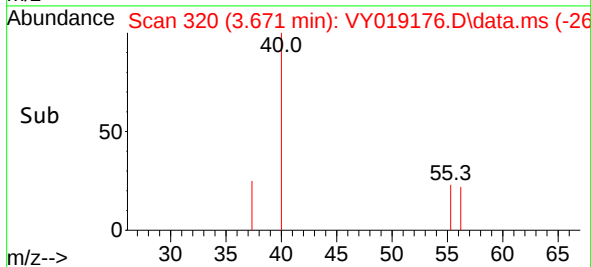
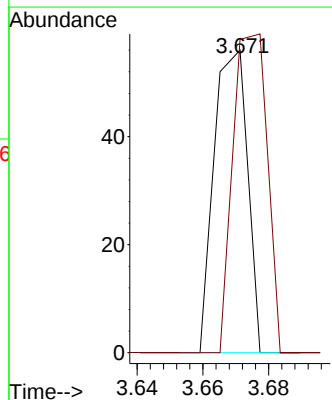
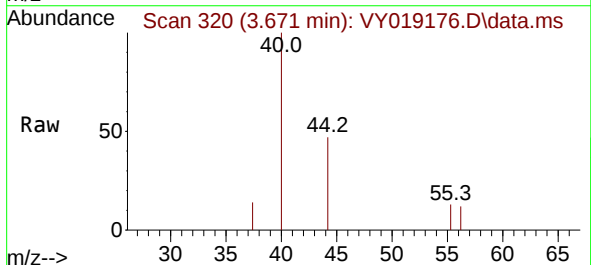


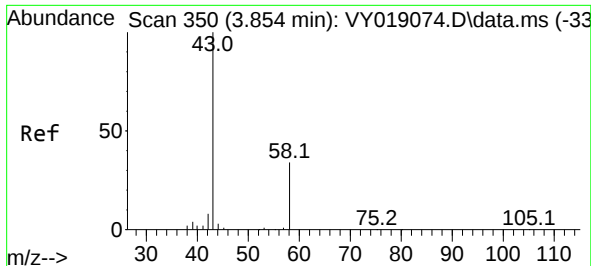
Tgt Ion: 59 Resp: 22
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



#13
Acrolein
Concen: Below Cal
RT: 3.671 min Scan# 320
Delta R.T. 0.036 min
Lab File: VY019176.D
Acq: 21 Aug 2024 17:54

Tgt Ion: 56 Resp: 40
Ion Ratio Lower Upper
56 100
55 107.5 55.7 83.5#

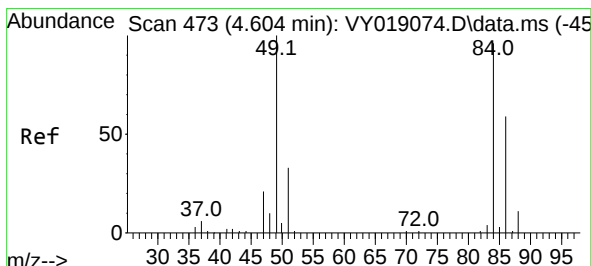
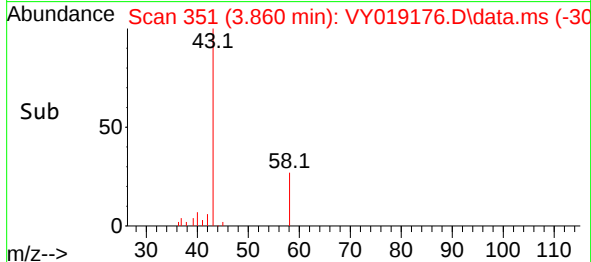
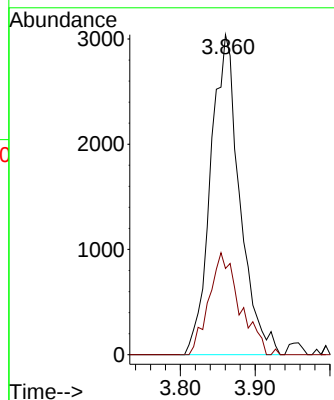
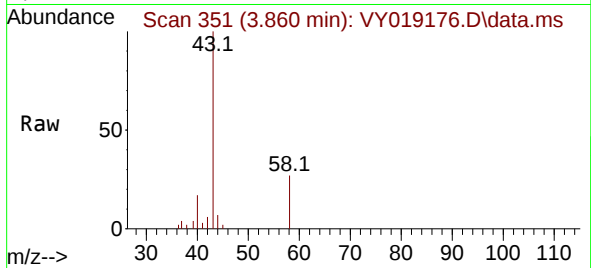




#16
Acetone
Concen: 40.180 ug/l
RT: 3.860 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY019176.D
Acq: 21 Aug 2024 17:54

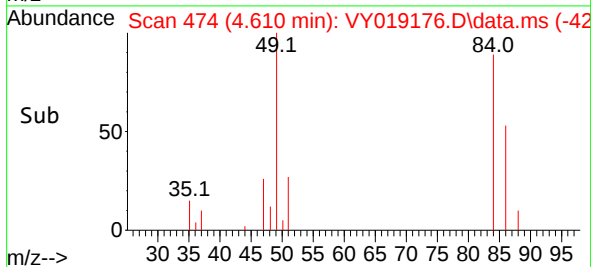
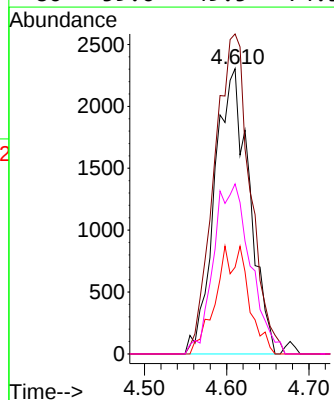
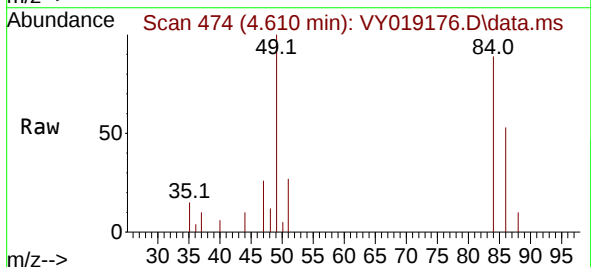
Instrument :
MSVOA_Y
ClientSampleId :

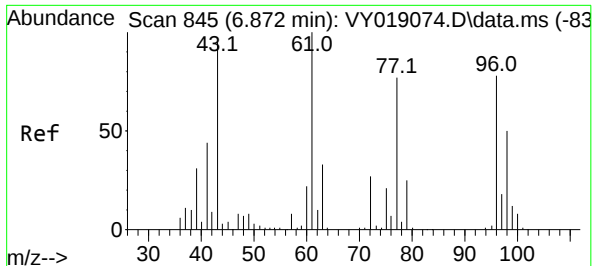
Tgt Ion: 43 Resp: 8224
Ion Ratio Lower Upper
43 100
58 27.0 31.7 47.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.610 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY019176.D
Acq: 21 Aug 2024 17:54

Tgt Ion: 84 Resp: 6738
Ion Ratio Lower Upper
84 100
49 112.1 84.4 126.6
51 30.4 26.0 39.0
86 59.6 49.5 74.3





#25

2-Butanone

Concen: 8.100 ug/l

RT: 6.884 min Scan# 84

Delta R.T. 0.012 min

Lab File: VY019176.D

Acq: 21 Aug 2024 17:54

Instrument :

MSVOA_Y

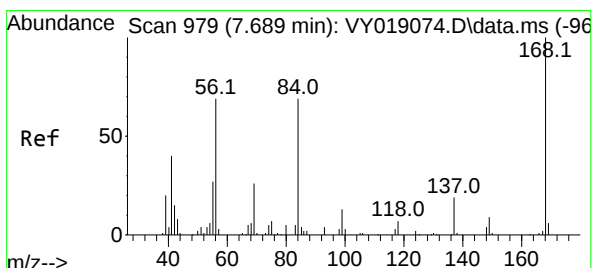
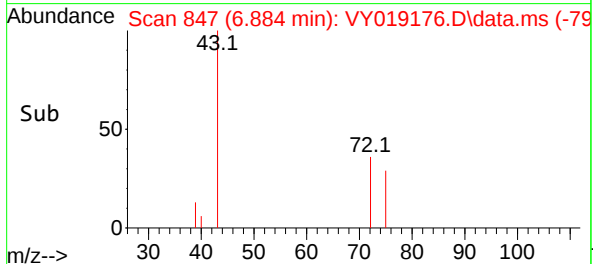
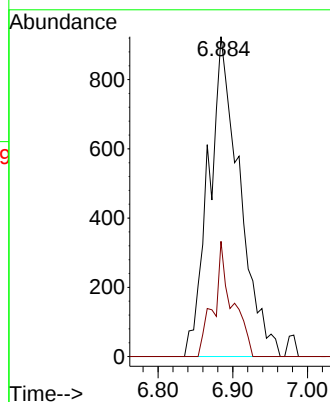
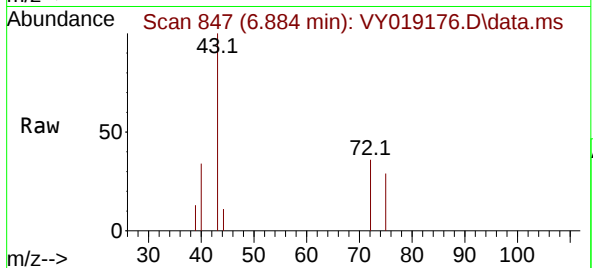
ClientSampleId :

Tgt Ion: 43 Resp: 2670

Ion Ratio Lower Upper

43 100

72 36.0 27.3 40.9



#31

Cyclohexane

Concen: Below Cal

RT: 7.695 min Scan# 980

Delta R.T. 0.006 min

Lab File: VY019176.D

Acq: 21 Aug 2024 17:54

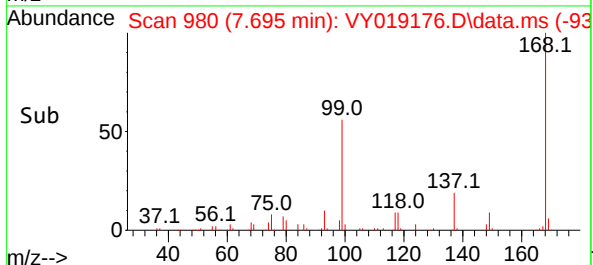
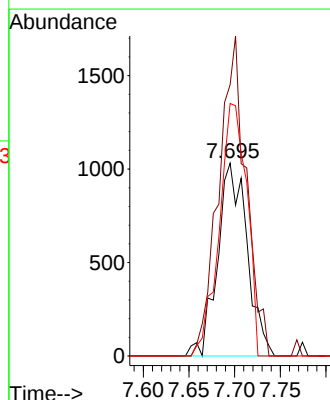
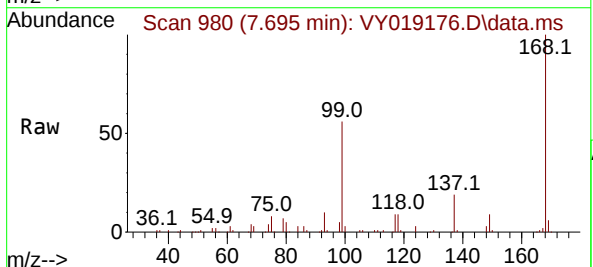
Tgt Ion: 56 Resp: 2320

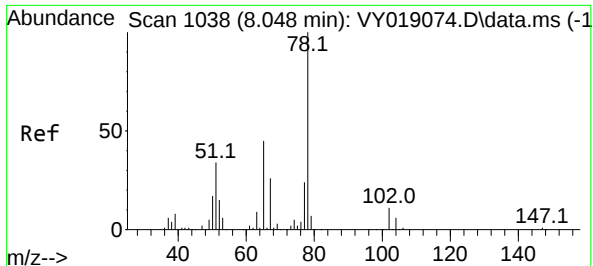
Ion Ratio Lower Upper

56 100

69 140.6 28.7 43.1#

84 130.9 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 45.640 ug/l

RT: 8.055 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY019176.D

Acq: 21 Aug 2024 17:54

Instrument :

MSVOA_Y

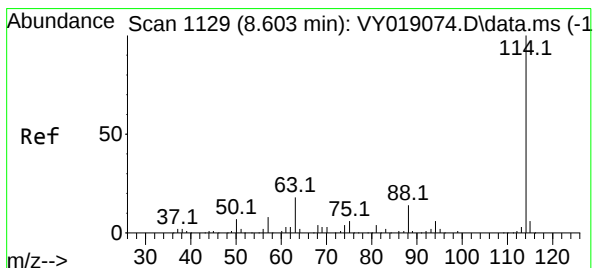
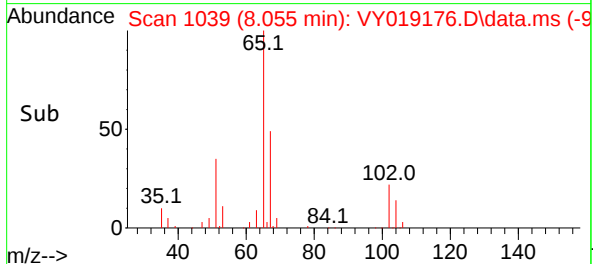
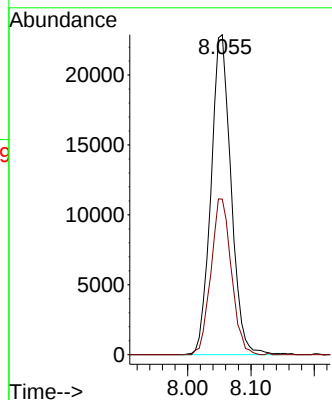
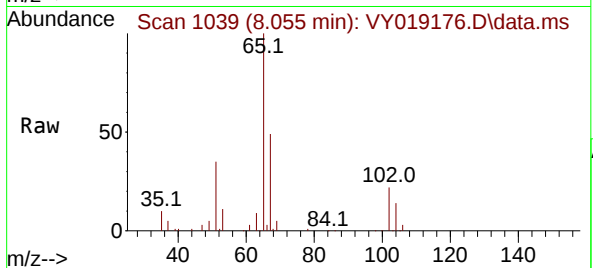
ClientSampleId :

Tgt Ion: 65 Resp: 50371

Ion Ratio Lower Upper

65 100

67 49.5 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: VY019176.D

Acq: 21 Aug 2024 17:54

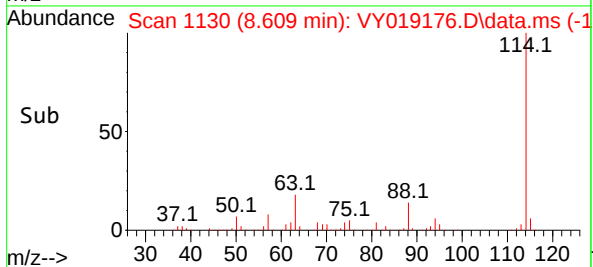
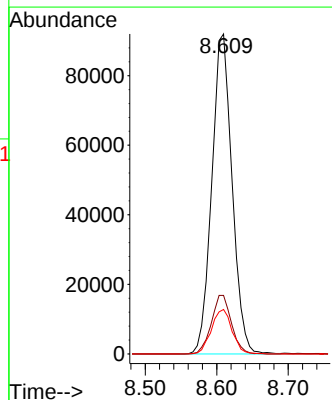
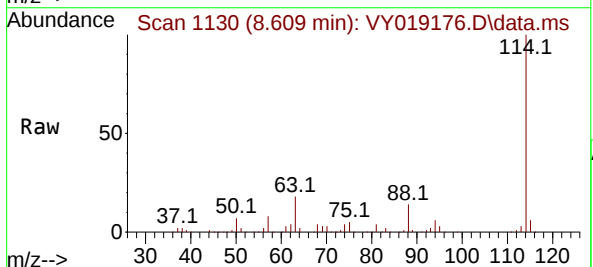
Tgt Ion: 114 Resp: 181237

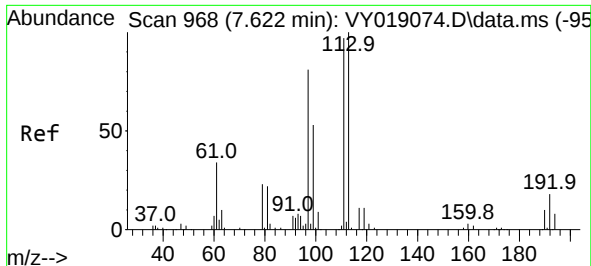
Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.0

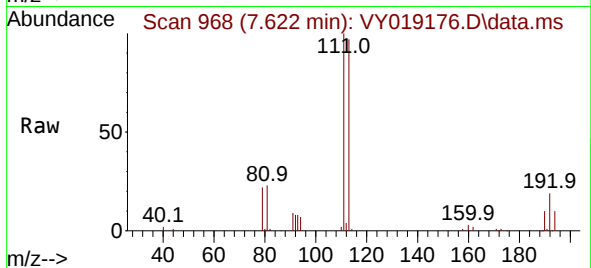
88 13.9 0.0 27.2



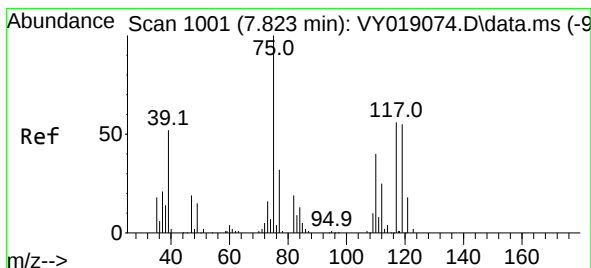
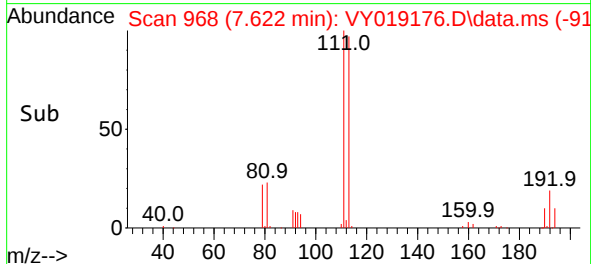
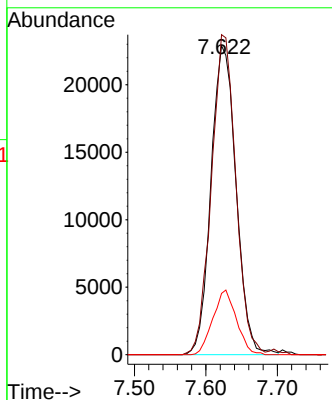


#35
Dibromofluoromethane
Concen: 47.075 ug/l
RT: 7.622 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019176.D
Acq: 21 Aug 2024 17:54

Instrument :
MSVOA_Y
ClientSampleId :

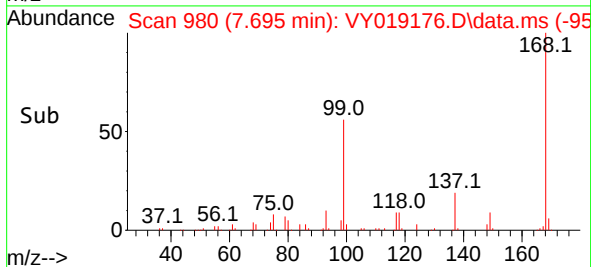
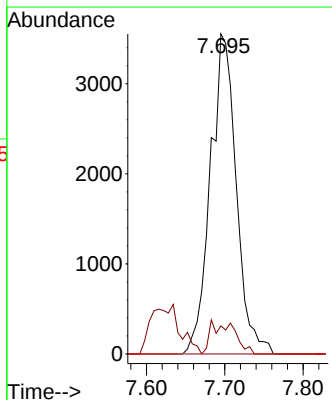
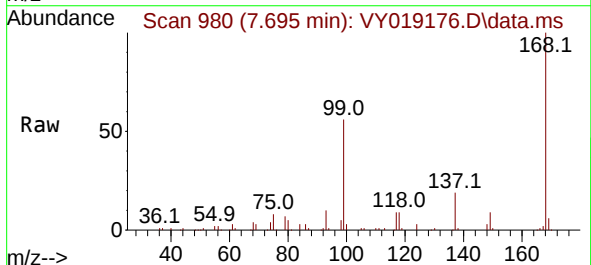


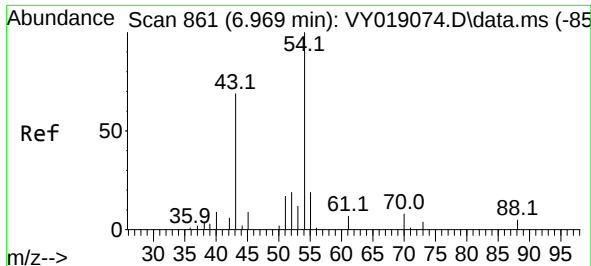
Tgt Ion:113 Resp: 55785
Ion Ratio Lower Upper
113 100
111 100.6 82.2 123.4
192 19.7 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.015 ug/l
RT: 7.695 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY019176.D
Acq: 21 Aug 2024 17:54

Tgt Ion: 75 Resp: 8160
Ion Ratio Lower Upper
75 100
110 9.5 19.0 57.0#
77 0.0 25.3 37.9#





#37

Ethyl Acetate

Concen: 3.703 ug/l

RT: 6.884 min Scan# 84

Delta R.T. -0.085 min

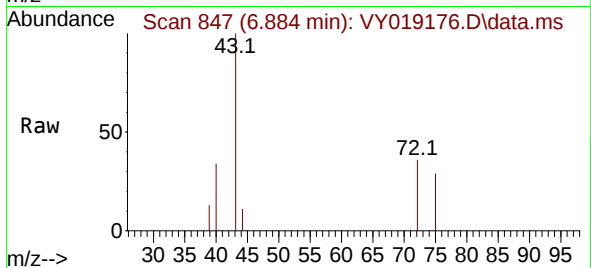
Lab File: VY019176.D

Acq: 21 Aug 2024 17:54

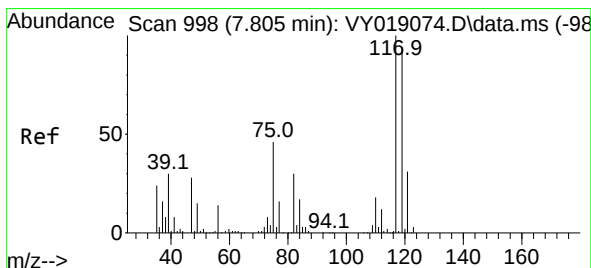
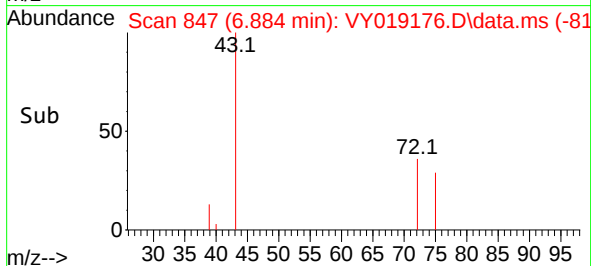
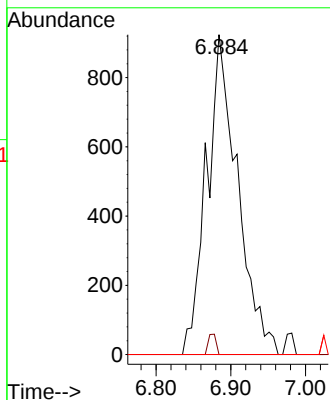
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	43	Resp:	2670
Ion	Ratio	Lower	Upper
43	100		
61	1.6	12.6	19.0#
70	0.0	7.8	11.8#



#38

Carbon Tetrachloride

Concen: 5.867 ug/l

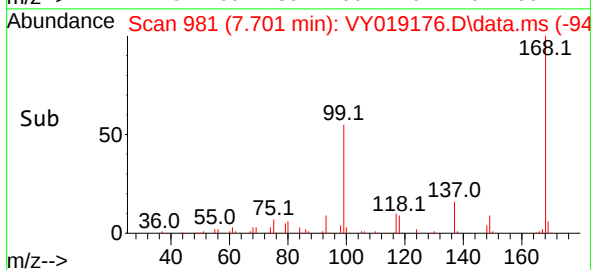
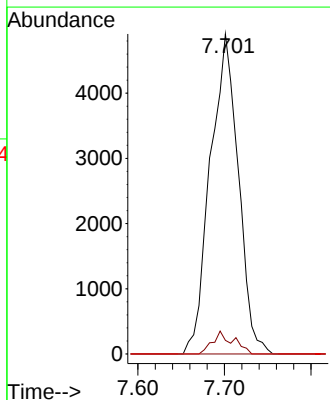
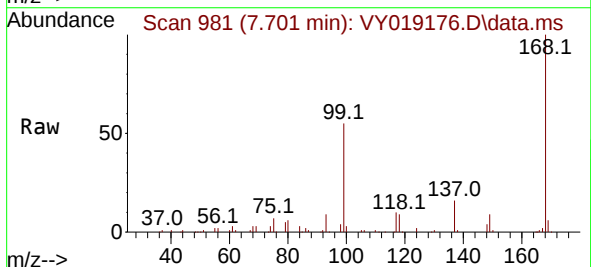
RT: 7.701 min Scan# 981

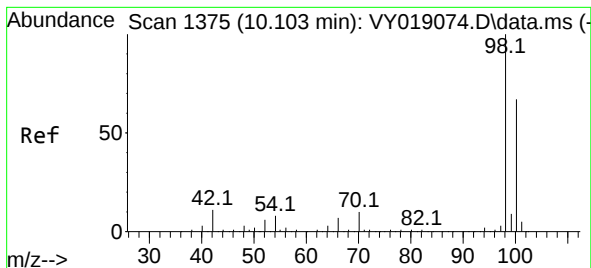
Delta R.T. -0.103 min

Lab File: VY019176.D

Acq: 21 Aug 2024 17:54

Tgt Ion:	117	Resp:	11064
Ion	Ratio	Lower	Upper
117	100		
119	4.2	75.8	113.6#
121	0.0	24.0	36.0#





#50

Toluene-d8

Concen: 46.495 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY019176.D

Acq: 21 Aug 2024 17:54

Instrument :

MSVOA_Y

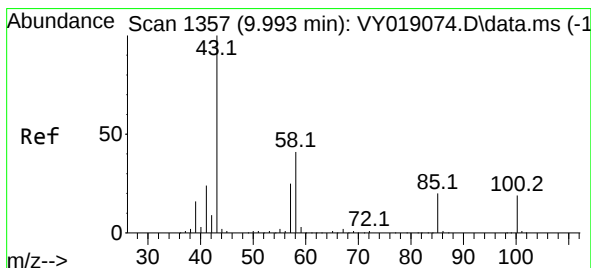
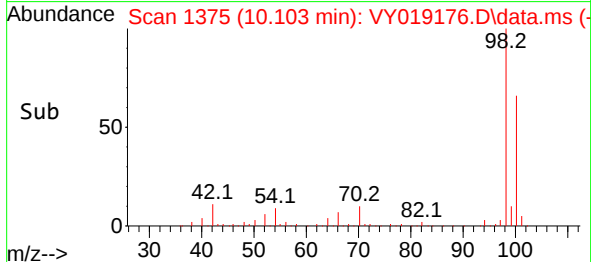
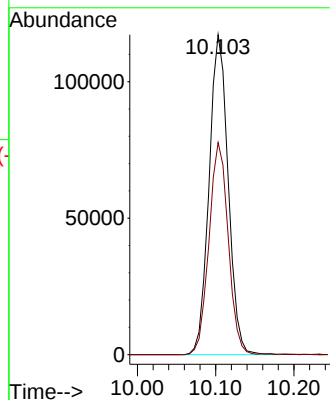
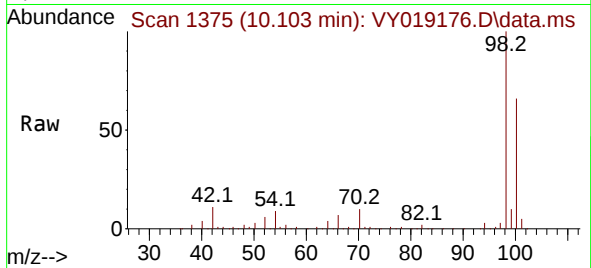
ClientSampleId :

Tgt Ion: 98 Resp: 198281

Ion Ratio Lower Upper

98 100

100 66.8 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 1.441 ug/l

RT: 10.097 min Scan# 1374

Delta R.T. 0.104 min

Lab File: VY019176.D

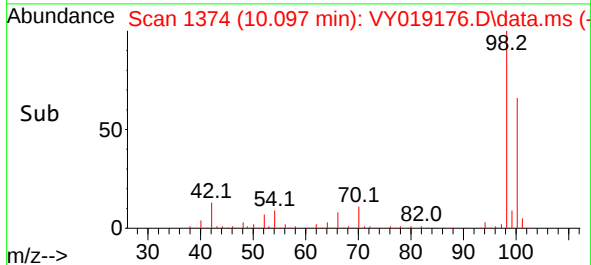
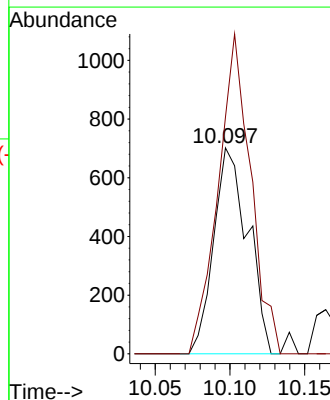
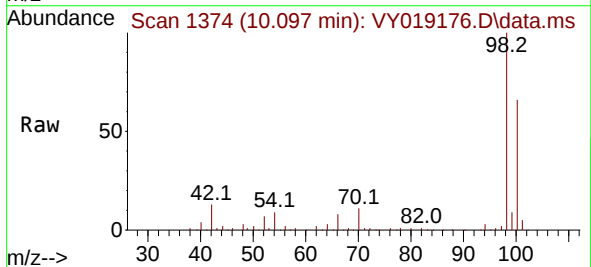
Acq: 21 Aug 2024 17:54

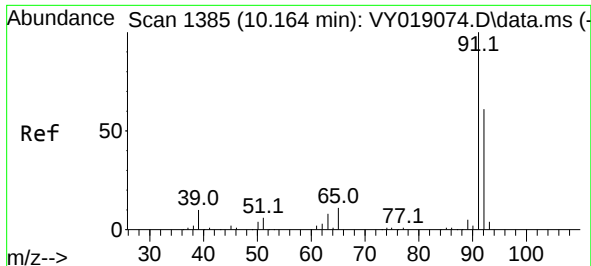
Tgt Ion: 43 Resp: 1115

Ion Ratio Lower Upper

43 100

58 148.0 35.7 53.5#

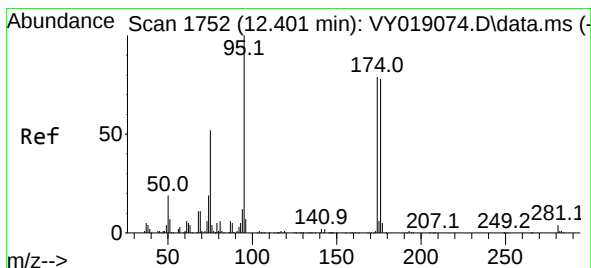
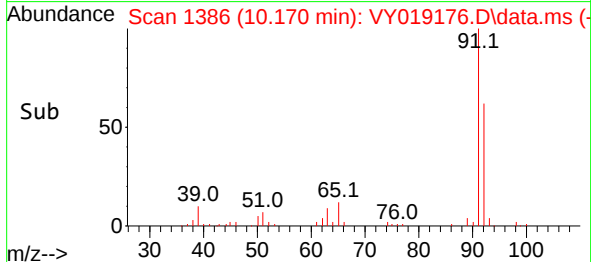
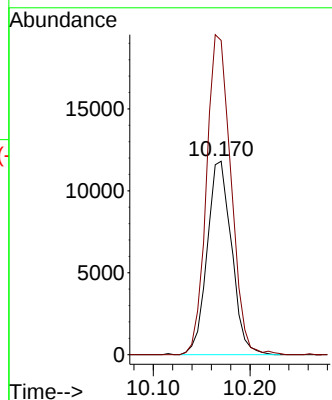
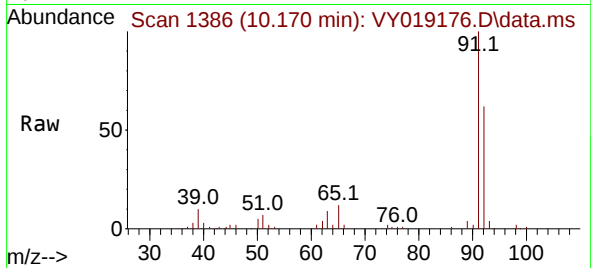




#52
Toluene
Concen: 6.333 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.006 min
Lab File: VY019176.D
Acq: 21 Aug 2024 17:54

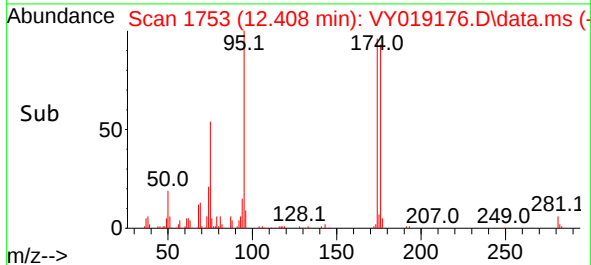
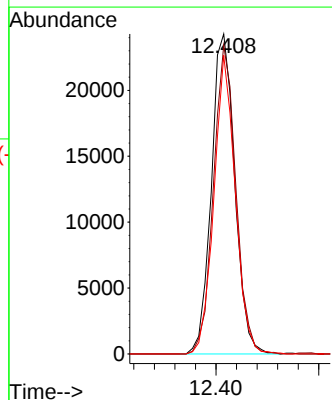
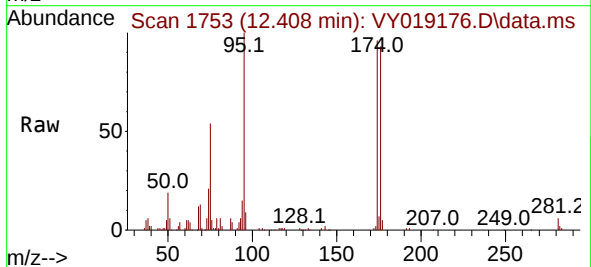
Instrument :
MSVOA_Y
ClientSampleId :

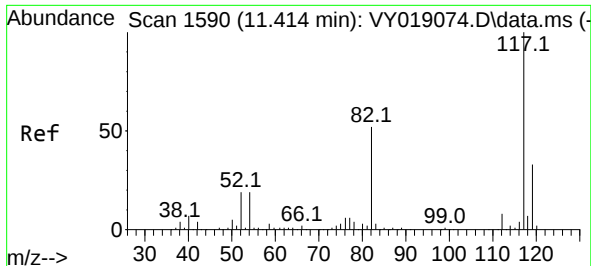
Tgt Ion: 92 Resp: 20746
Ion Ratio Lower Upper
92 100
91 165.9 139.0 208.6



#62
4-Bromofluorobenzene
Concen: 26.309 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019176.D
Acq: 21 Aug 2024 17:54

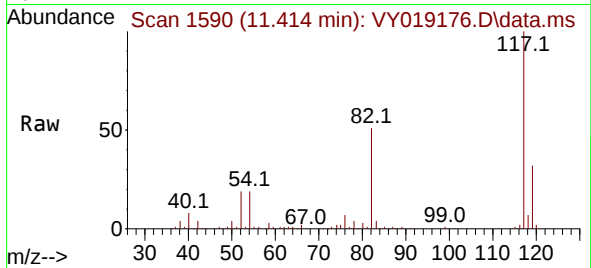
Tgt Ion: 95 Resp: 38248
Ion Ratio Lower Upper
95 100
174 92.4 0.0 175.6
176 85.6 0.0 171.4



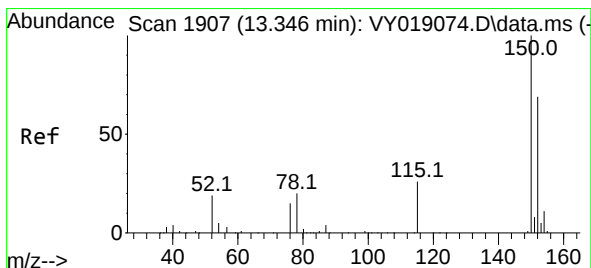
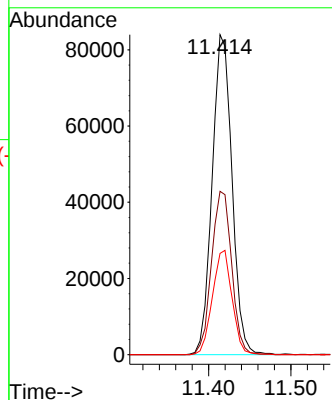
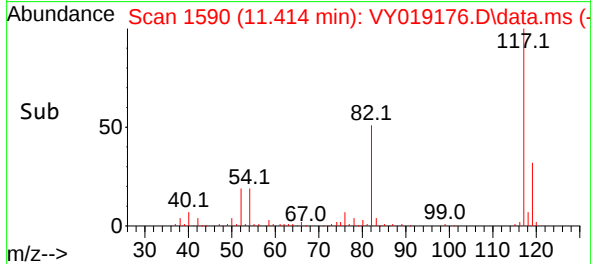


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019176.D
Acq: 21 Aug 2024 17:54

Instrument :
MSVOA_Y
ClientSampleId :

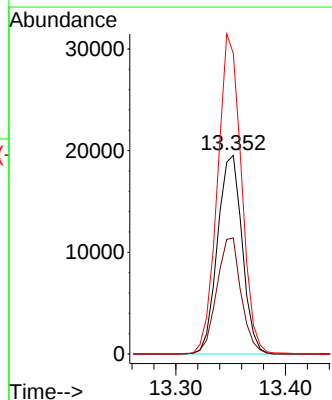
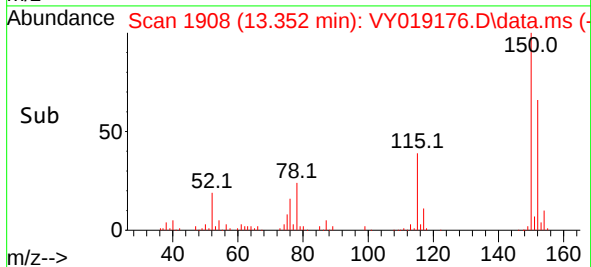
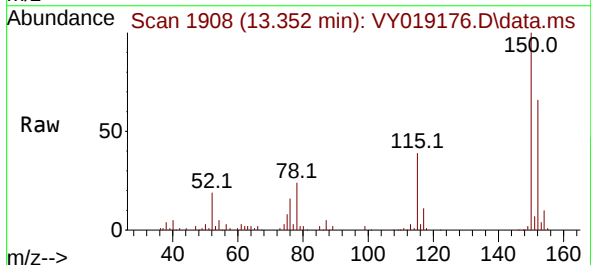


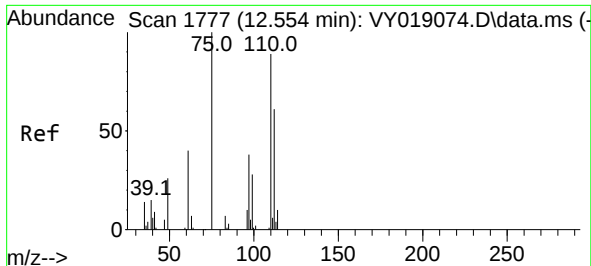
Tgt Ion:117 Resp: 141069
Ion Ratio Lower Upper
117 100
82 51.1 42.4 63.6
119 31.7 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY019176.D
Acq: 21 Aug 2024 17:54

Tgt Ion:152 Resp: 30478
Ion Ratio Lower Upper
152 100
115 58.0 28.2 84.7
150 156.6 0.0 345.6

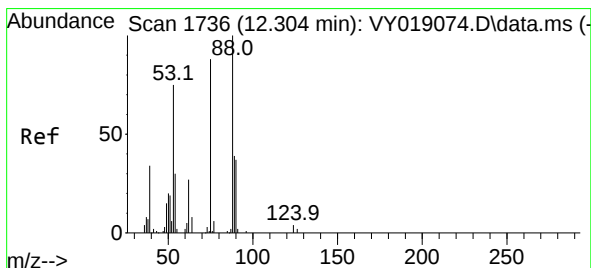
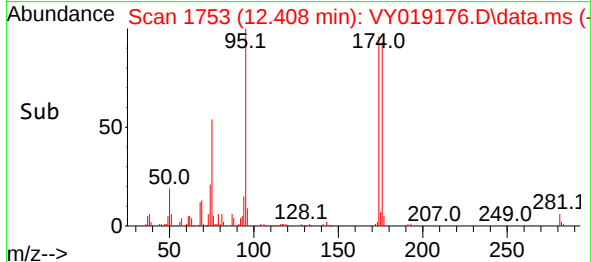
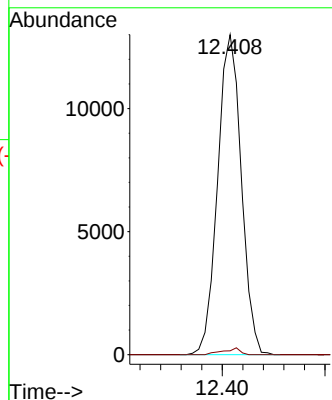
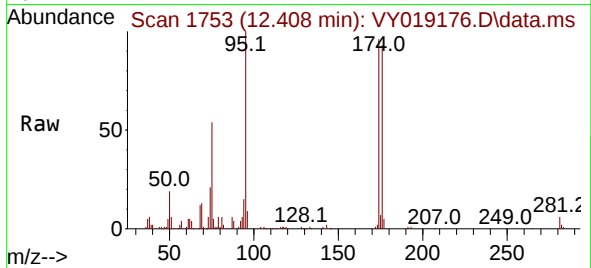




#76
1,2,3-Trichloropropane
Concen: 69.052 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY019176.D
Acq: 21 Aug 2024 17:54

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 20755
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 170.537 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY019176.D
Acq: 21 Aug 2024 17:54

Tgt Ion: 75 Resp: 20755
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

