

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061722\
 Data File : VY009230.D
 Acq On : 17 Jun 2022 16:28
 Operator : KP/MD
 Sample : N3373-12
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 17 22:54:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 16 02:54:06 2022
 Response via : Initial Calibration

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

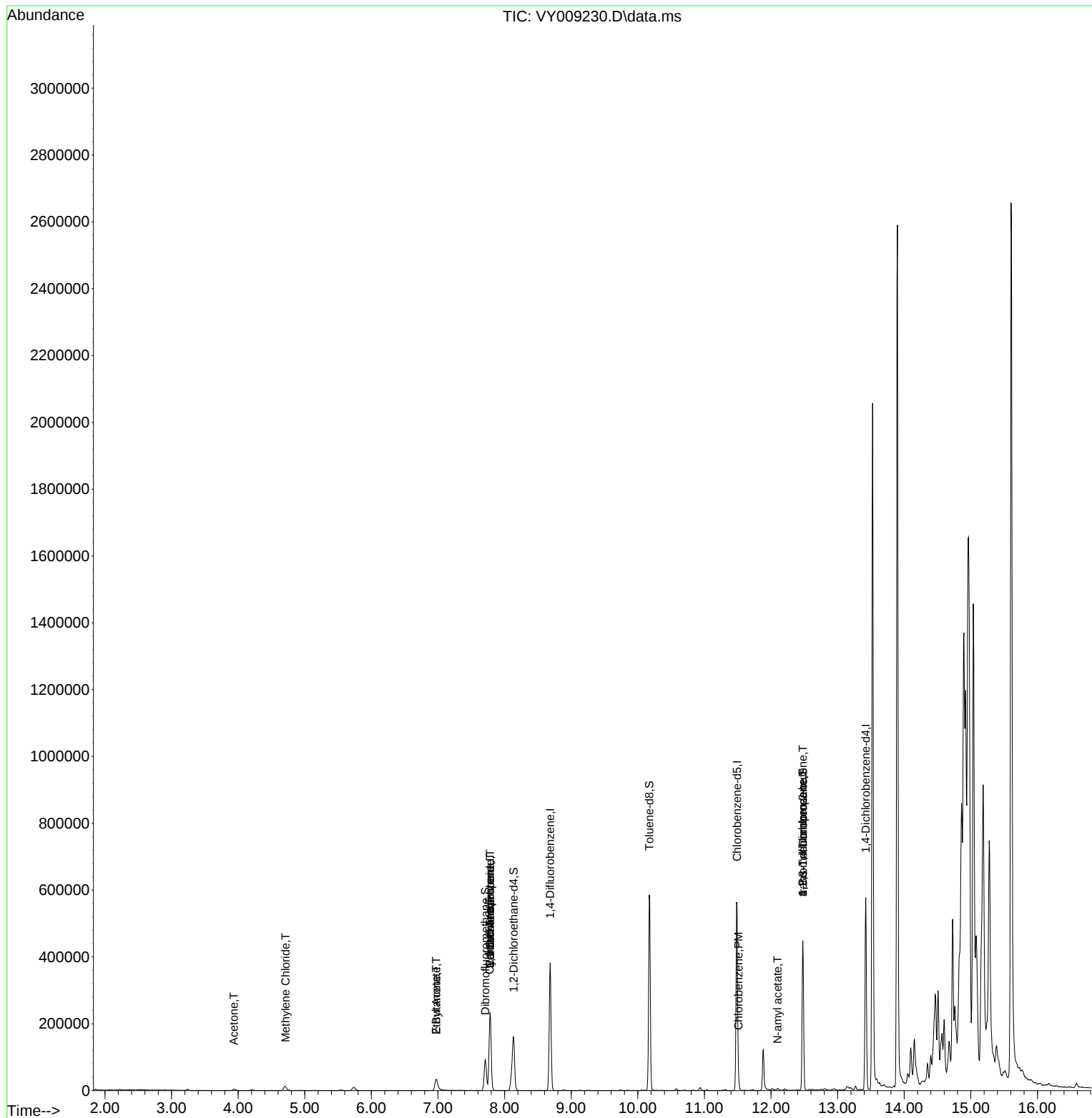
Internal Standards						
1) Pentafluorobenzene	7.782	168	183333	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	317835	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	298590	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	145643	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	108525	56.668	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.340%
35) Dibromofluoromethane	7.709	113	65852	33.046	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	66.100%
50) Toluene-d8	10.172	98	382493	50.424	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.840%
62) 4-Bromofluorobenzene	12.477	95	134913	50.050	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.100%
Target Compounds						
						Qvalue
16) Acetone	3.936	43	7068	14.652	ug/l	97
18) Methyl Acetate	4.466	43	21	Below Cal	#	56
20) Methylene Chloride	4.710	84	9078	1.383	ug/l #	73
25) 2-Butanone	6.972	43	3626	4.750	ug/l	94
31) Cyclohexane	7.776	56	3548	1.034	ug/l #	3
36) 1,1-Dichloropropene	7.782	75	14330	4.675	ug/l #	50
37) Ethyl Acetate	6.972	43	3626	1.988	ug/l #	32
38) Carbon Tetrachloride	7.782	117	17947	5.662	ug/l #	16
65) Chlorobenzene	11.514	112	13467	2.082	ug/l	98
74) N-amyl acetate	12.099	43	3224	1.054	ug/l #	47
76) 1,2,3-Trichloropropane	12.477	75	69896	43.464	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	69896	86.618	ug/l #	7

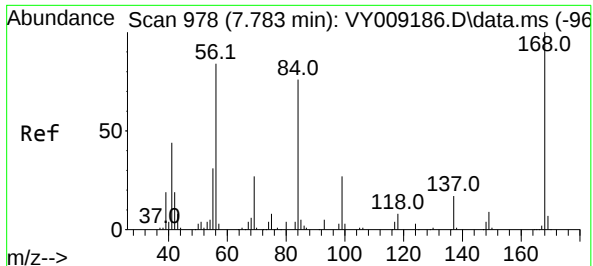
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061722\
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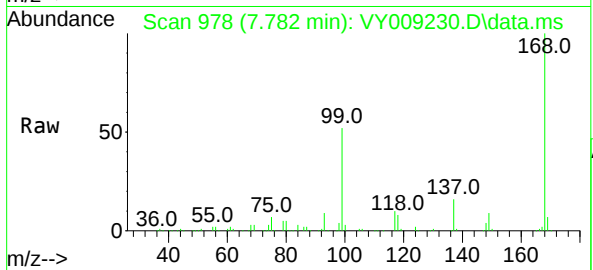
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061522S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 16 02:54:06 2022
Response via : Initial Calibration



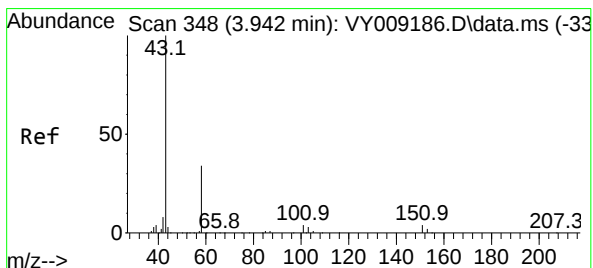
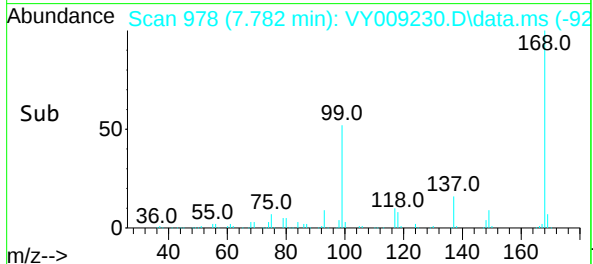
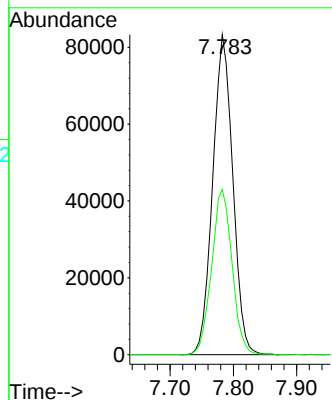


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY009230.D
Acq: 17 Jun 2022 16:28

Instrument :
MSVOA_Y
ClientSampleId :

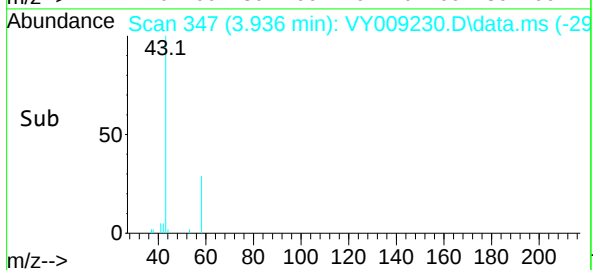
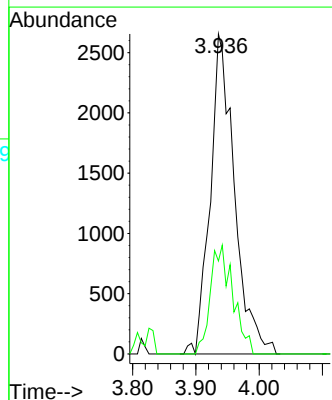
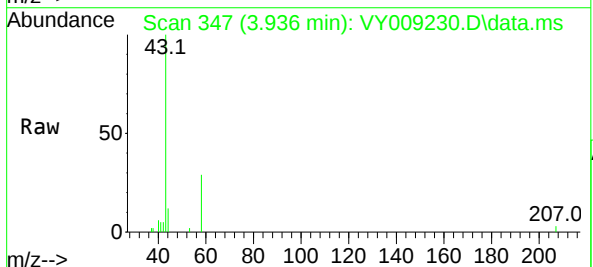


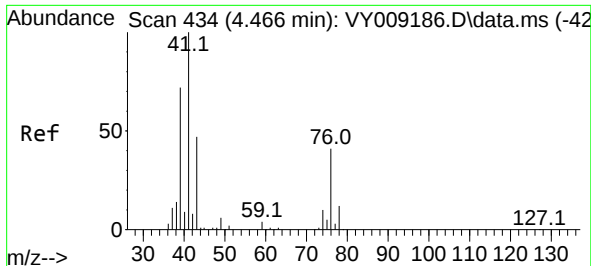
Tgt Ion:168 Resp: 183333
Ion Ratio Lower Upper
168 100
99 51.7 46.9 70.3



#16
Acetone
Concen: 14.652 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.006 min
Lab File: VY009230.D
Acq: 17 Jun 2022 16:28

Tgt Ion: 43 Resp: 7068
Ion Ratio Lower Upper
43 100
58 29.0 22.0 33.0

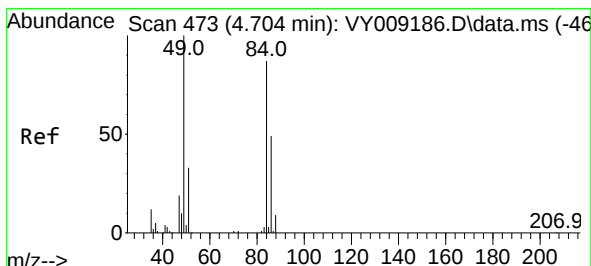
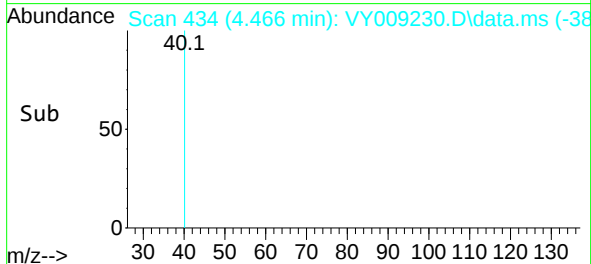
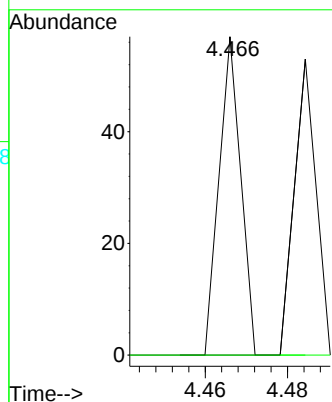
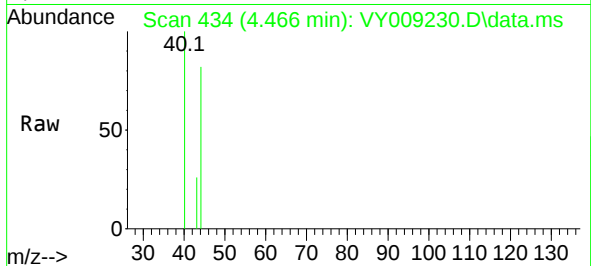




#18
Methyl Acetate
Concen: Below Cal
RT: 4.466 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009230.D
Acq: 17 Jun 2022 16:28

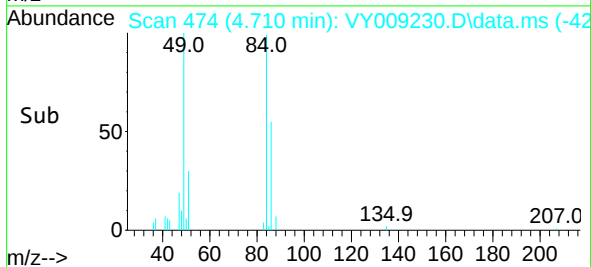
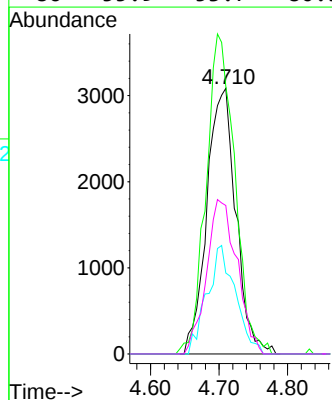
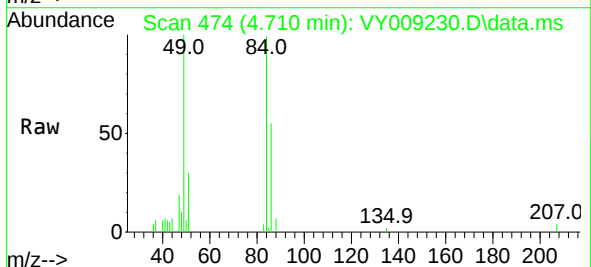
Instrument :
MSVOA_Y
ClientSampleId :

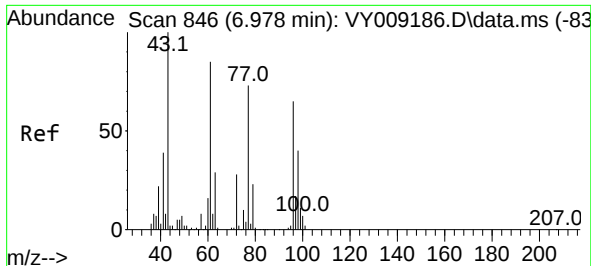
Tgt Ion: 43 Resp: 21
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: 1.383 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY009230.D
Acq: 17 Jun 2022 16:28

Tgt Ion: 84 Resp: 9078
Ion Ratio Lower Upper
84 100
49 100.8 114.4 171.6#
51 30.5 35.3 52.9#
86 55.9 53.7 80.5





#25

2-Butanone

Concen: 4.750 ug/l

RT: 6.972 min Scan# 846

Delta R.T. -0.006 min

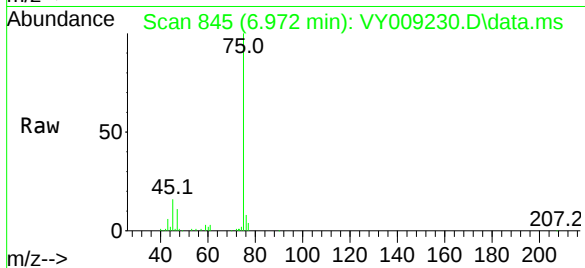
Lab File: VY009230.D

Acq: 17 Jun 2022 16:28

Instrument :

MSVOA_Y

ClientSampleId :

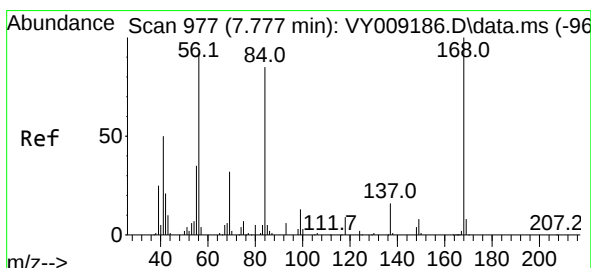
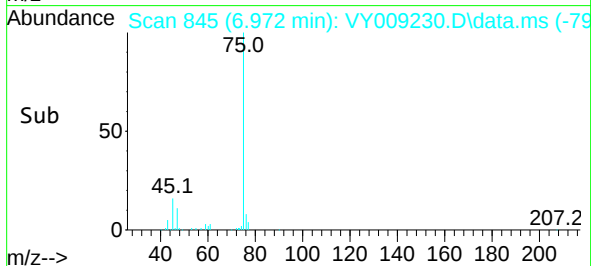
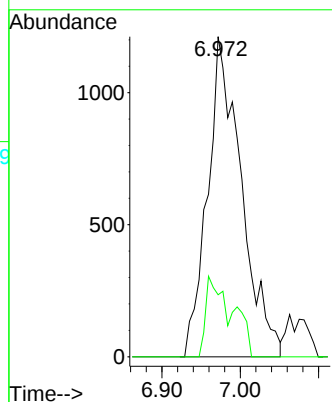


Tgt Ion: 43 Resp: 3626

Ion Ratio Lower Upper

43 100

72 19.4 17.7 26.5



#31

Cyclohexane

Concen: 1.034 ug/l

RT: 7.776 min Scan# 977

Delta R.T. -0.000 min

Lab File: VY009230.D

Acq: 17 Jun 2022 16:28

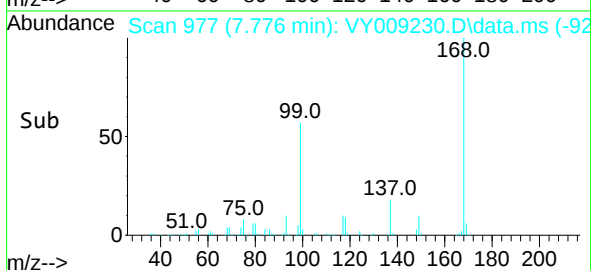
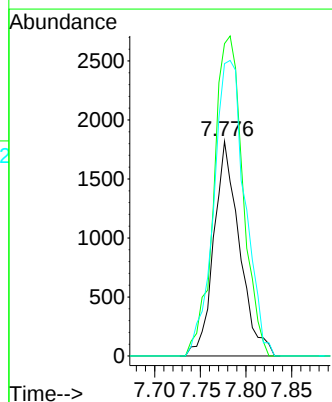
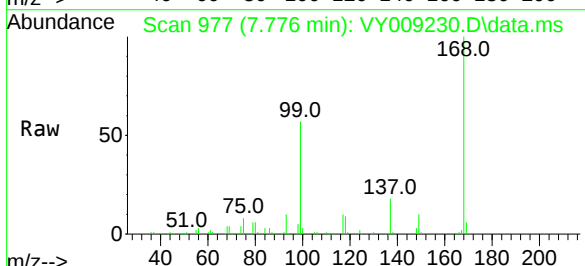
Tgt Ion: 56 Resp: 3548

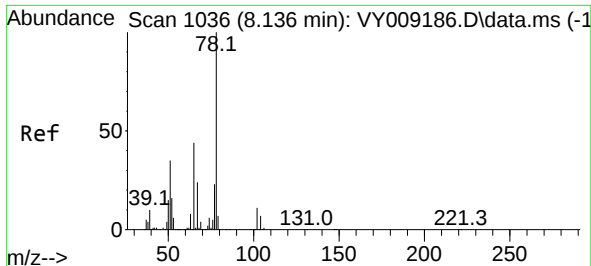
Ion Ratio Lower Upper

56 100

69 145.5 26.7 40.1#

84 136.2 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 56.668 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY009230.D

Acq: 17 Jun 2022 16:28

Instrument :

MSVOA_Y

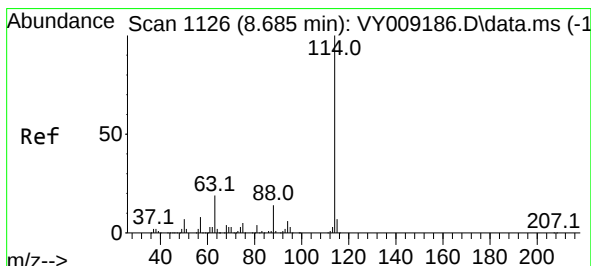
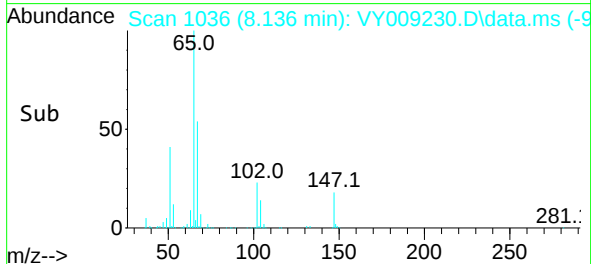
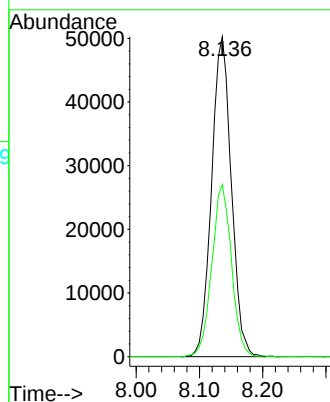
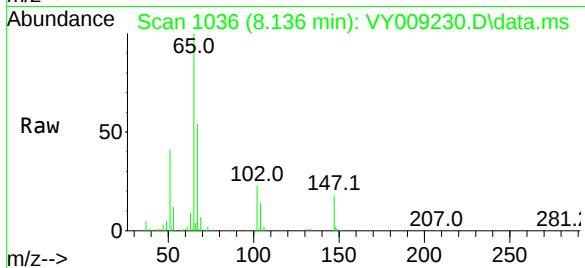
ClientSampleId :

Tgt Ion: 65 Resp: 108525

Ion Ratio Lower Upper

65 100

67 53.6 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY009230.D

Acq: 17 Jun 2022 16:28

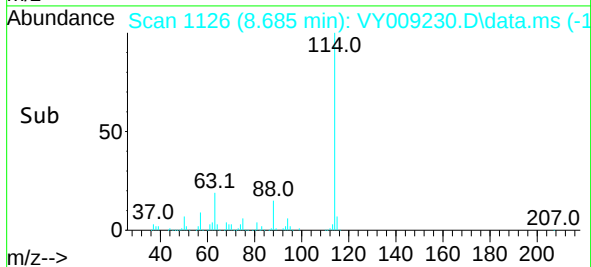
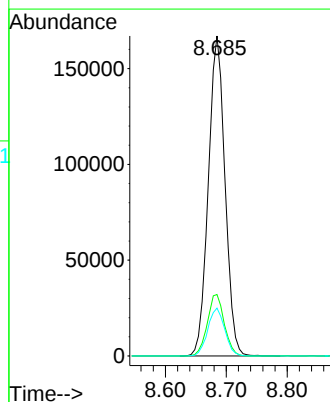
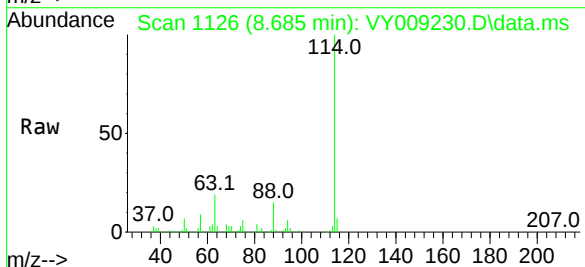
Tgt Ion: 114 Resp: 317835

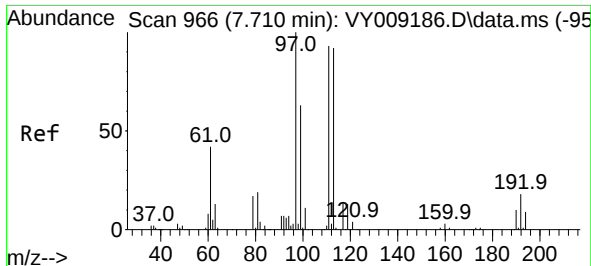
Ion Ratio Lower Upper

114 100

63 19.2 0.0 43.2

88 15.0 0.0 31.8

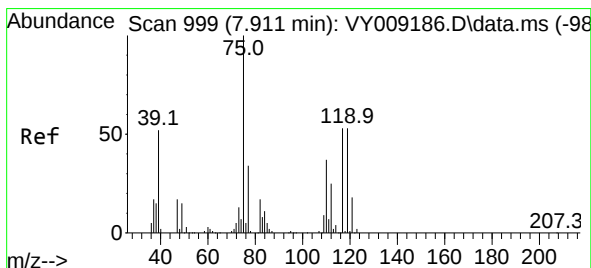
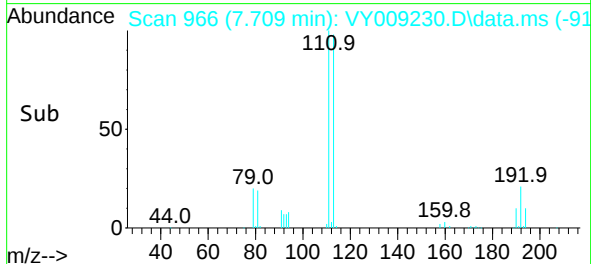
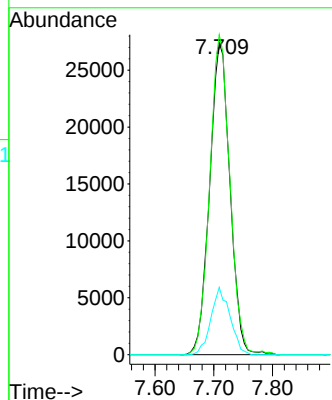
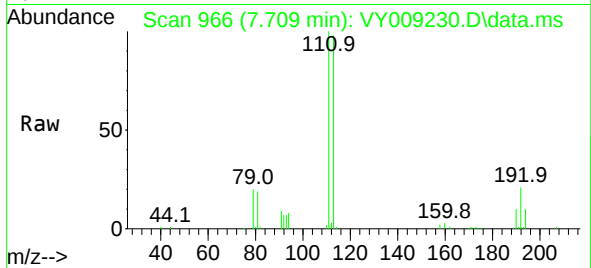




#35
Dibromofluoromethane
Concen: 33.046 ug/l
RT: 7.709 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY009230.D
Acq: 17 Jun 2022 16:28

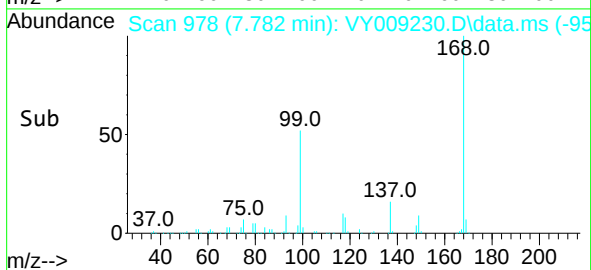
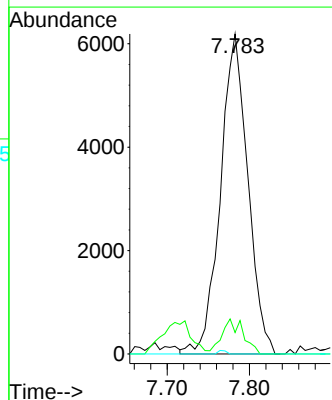
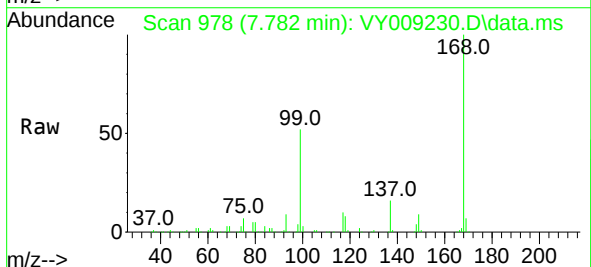
Instrument :
MSVOA_Y
ClientSampleId :

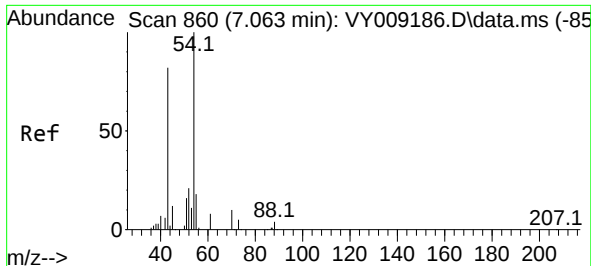
Tgt Ion:113 Resp: 65852
Ion Ratio Lower Upper
113 100
111 101.6 82.6 124.0
192 20.3 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.675 ug/l
RT: 7.782 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY009230.D
Acq: 17 Jun 2022 16:28

Tgt Ion: 75 Resp: 14330
Ion Ratio Lower Upper
75 100
110 8.5 17.1 51.2#
77 0.3 24.4 36.6#





#37

Ethyl Acetate

Concen: 1.988 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.092 min

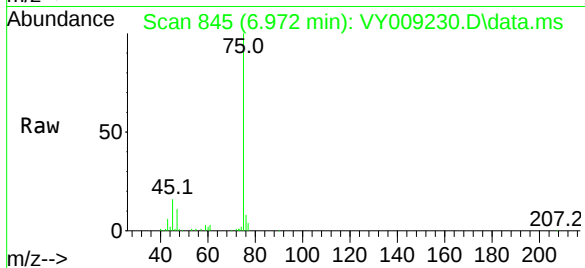
Lab File: VY009230.D

Acq: 17 Jun 2022 16:28

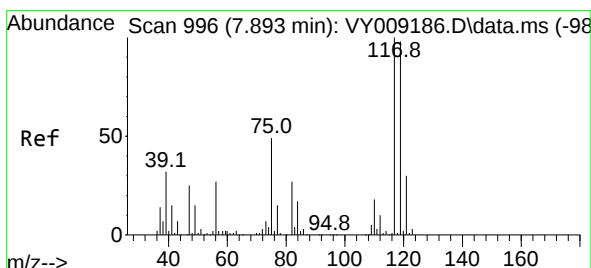
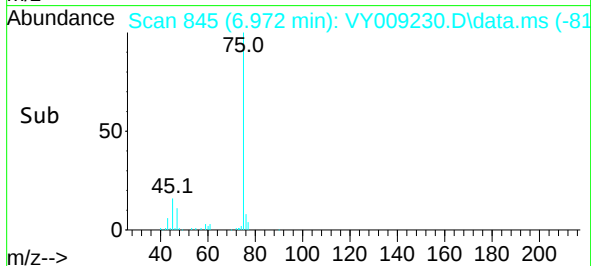
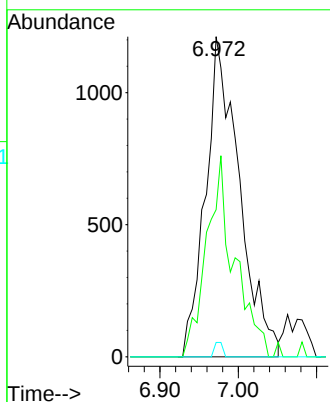
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	43	Resp:	3626
Ion	Ratio	Lower	Upper
43	100		
61	51.7	9.7	14.5#
70	1.1	7.1	10.7#



#38

Carbon Tetrachloride

Concen: 5.662 ug/l

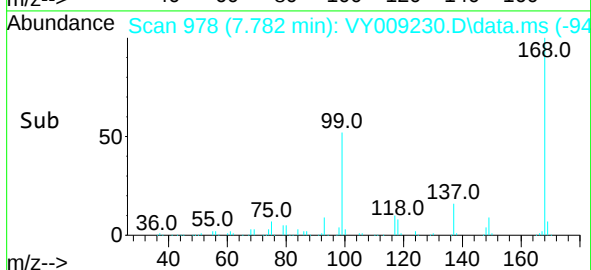
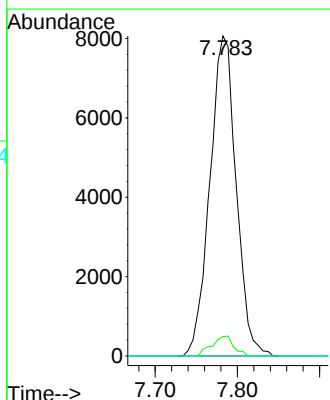
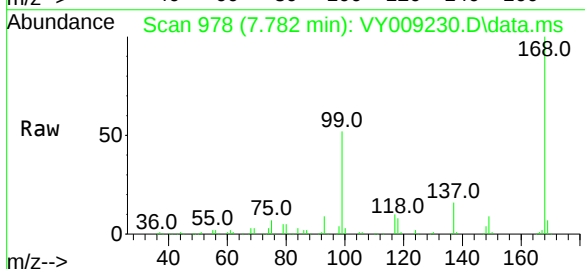
RT: 7.782 min Scan# 978

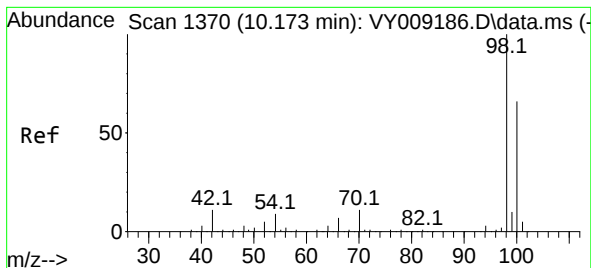
Delta R.T. -0.110 min

Lab File: VY009230.D

Acq: 17 Jun 2022 16:28

Tgt Ion:	117	Resp:	17947
Ion	Ratio	Lower	Upper
117	100		
119	6.0	77.9	116.9#
121	0.0	24.8	37.2#





#50

Toluene-d8

Concen: 50.424 ug/l

RT: 10.172 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY009230.D

Acq: 17 Jun 2022 16:28

Instrument :

MSVOA_Y

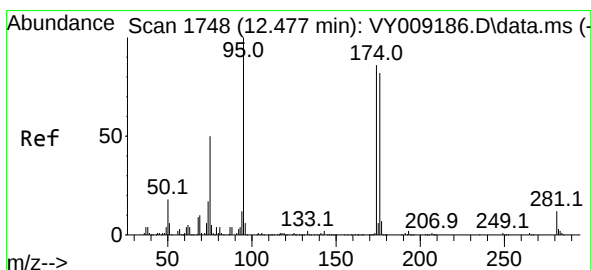
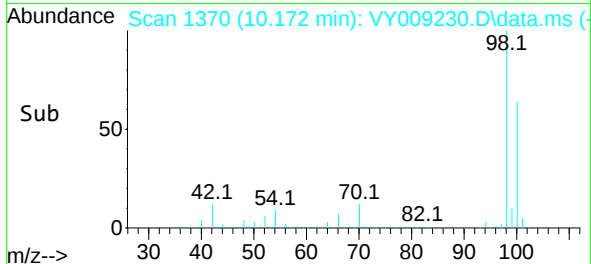
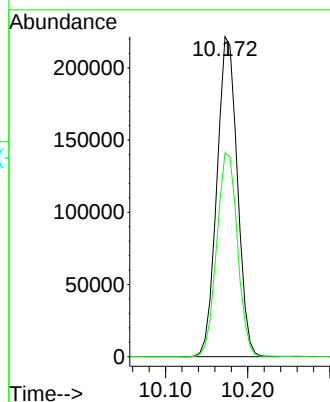
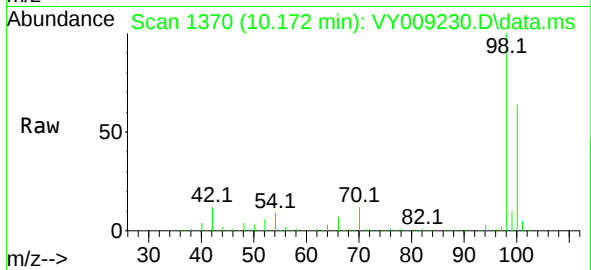
ClientSampleId :

Tgt Ion: 98 Resp: 382493

Ion Ratio Lower Upper

98 100

100 64.8 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 50.050 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.000 min

Lab File: VY009230.D

Acq: 17 Jun 2022 16:28

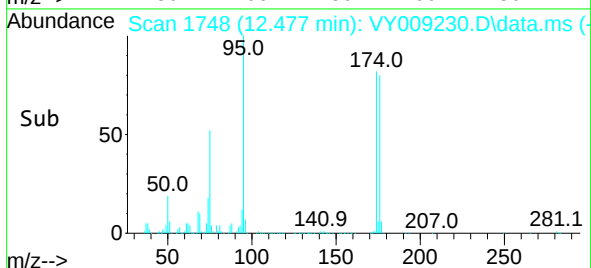
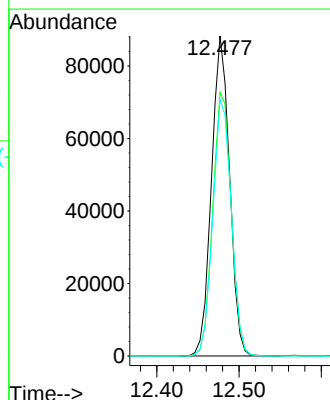
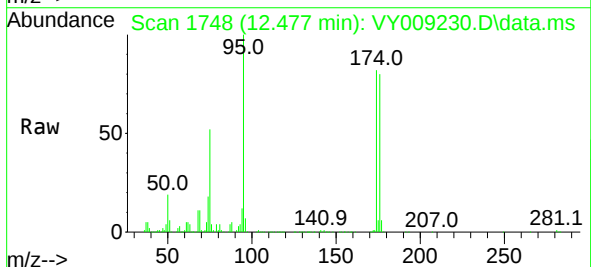
Tgt Ion: 95 Resp: 134913

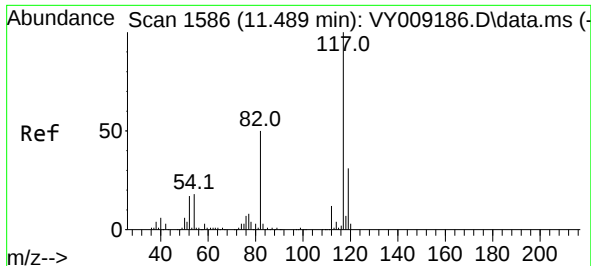
Ion Ratio Lower Upper

95 100

174 84.6 0.0 177.0

176 82.0 0.0 175.8

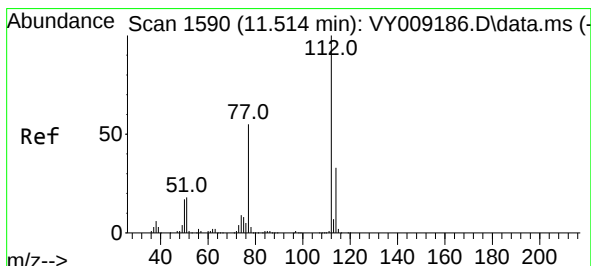
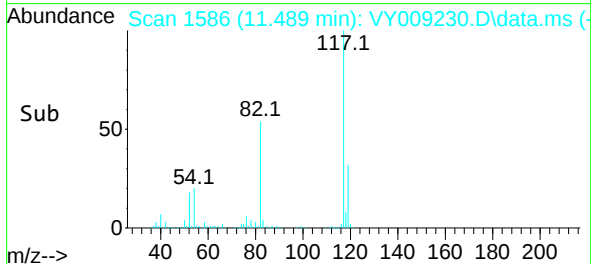
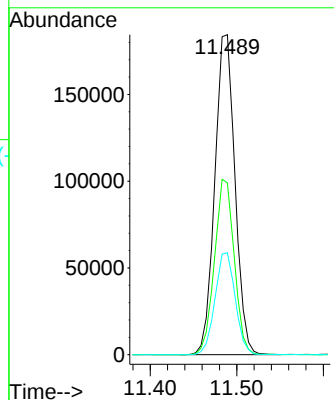
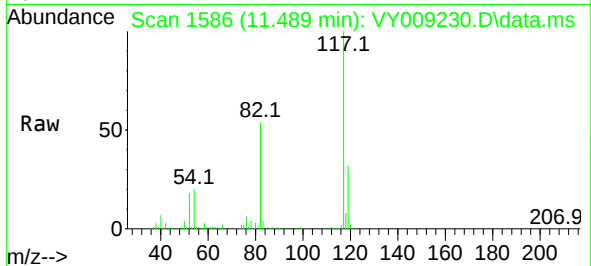




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY009230.D
Acq: 17 Jun 2022 16:28

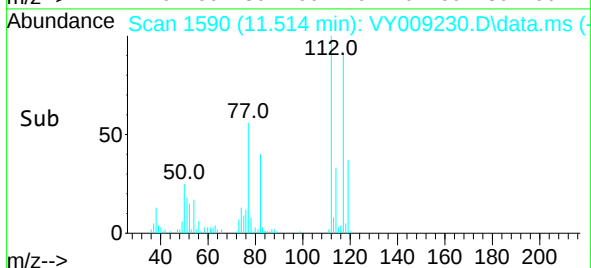
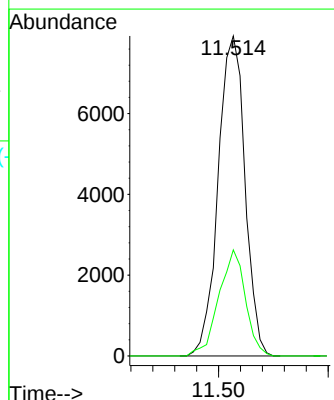
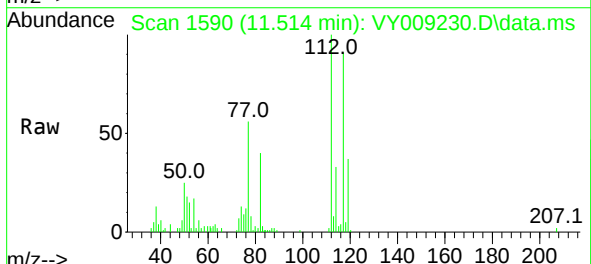
Instrument :
MSVOA_Y
ClientSampleId :

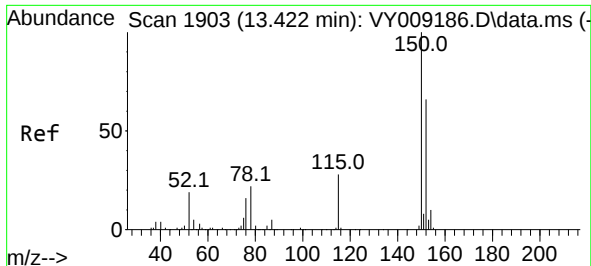
Tgt Ion:117 Resp: 298590
Ion Ratio Lower Upper
117 100
82 53.7 43.0 64.4
119 31.9 25.4 38.0



#65
Chlorobenzene
Concen: 2.082 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY009230.D
Acq: 17 Jun 2022 16:28

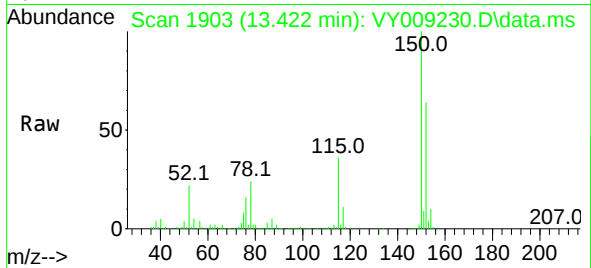
Tgt Ion:112 Resp: 13467
Ion Ratio Lower Upper
112 100
114 33.2 25.8 38.6



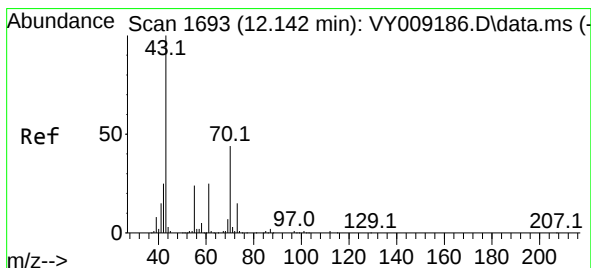
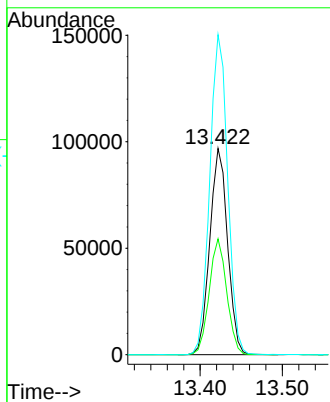
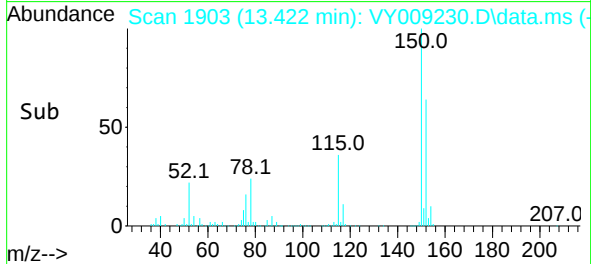


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009230.D
Acq: 17 Jun 2022 16:28

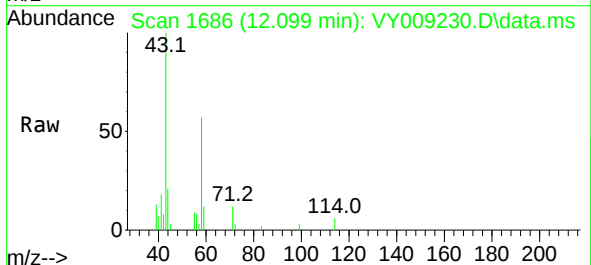
Instrument :
MSVOA_Y
ClientSampleId :



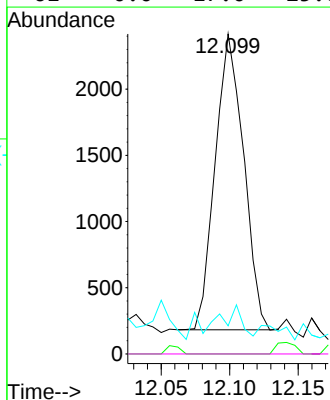
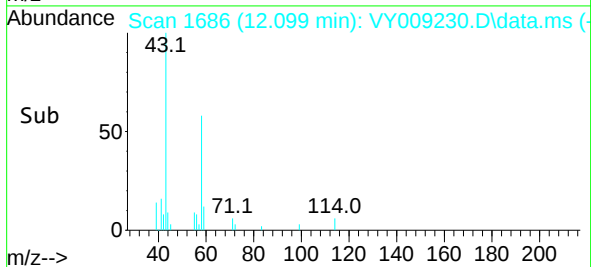
Tgt Ion:152 Resp: 145643
Ion Ratio Lower Upper
152 100
115 55.3 28.2 84.7
150 156.3 0.0 347.6

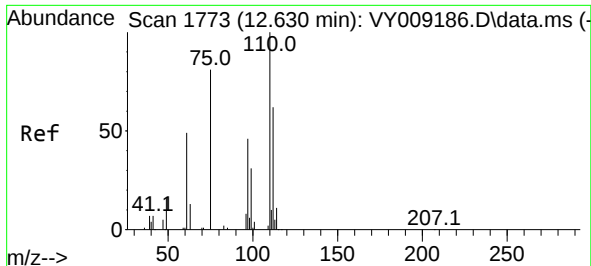


#74
N-ethyl acetate
Concen: 1.054 ug/l
RT: 12.099 min Scan# 1686
Delta R.T. -0.043 min
Lab File: VY009230.D
Acq: 17 Jun 2022 16:28



Tgt Ion: 43 Resp: 3224
Ion Ratio Lower Upper
43 100
70 0.0 28.7 43.1#
55 0.0 17.3 25.9#
61 0.0 17.0 25.6#

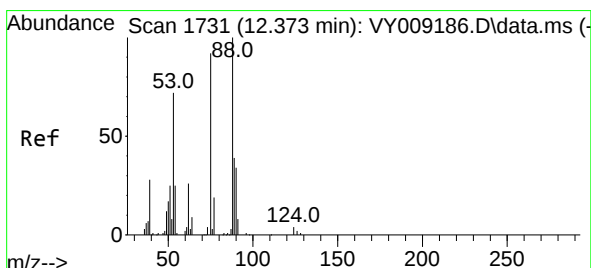
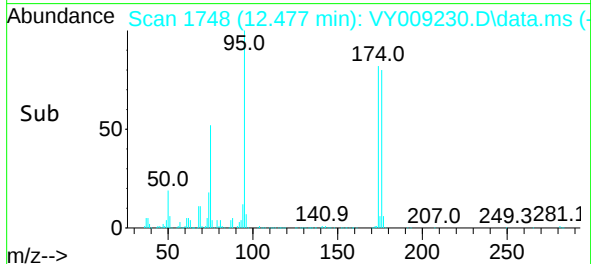
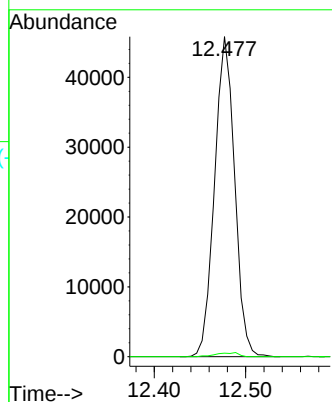
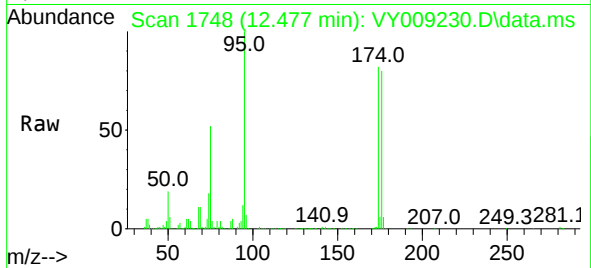




#76
1,2,3-Trichloropropane
Concen: 43.464 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY009230.D
Acq: 17 Jun 2022 16:28

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 69896
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.618 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY009230.D
Acq: 17 Jun 2022 16:28

Tgt Ion: 75 Resp: 69896
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

