

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041224\
 Data File : VY017920.D
 Acq On : 12 Apr 2024 10:01
 Operator : SY/MD
 Sample : VY0412SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 13 00:33:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 Response via : Initial Calibration

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

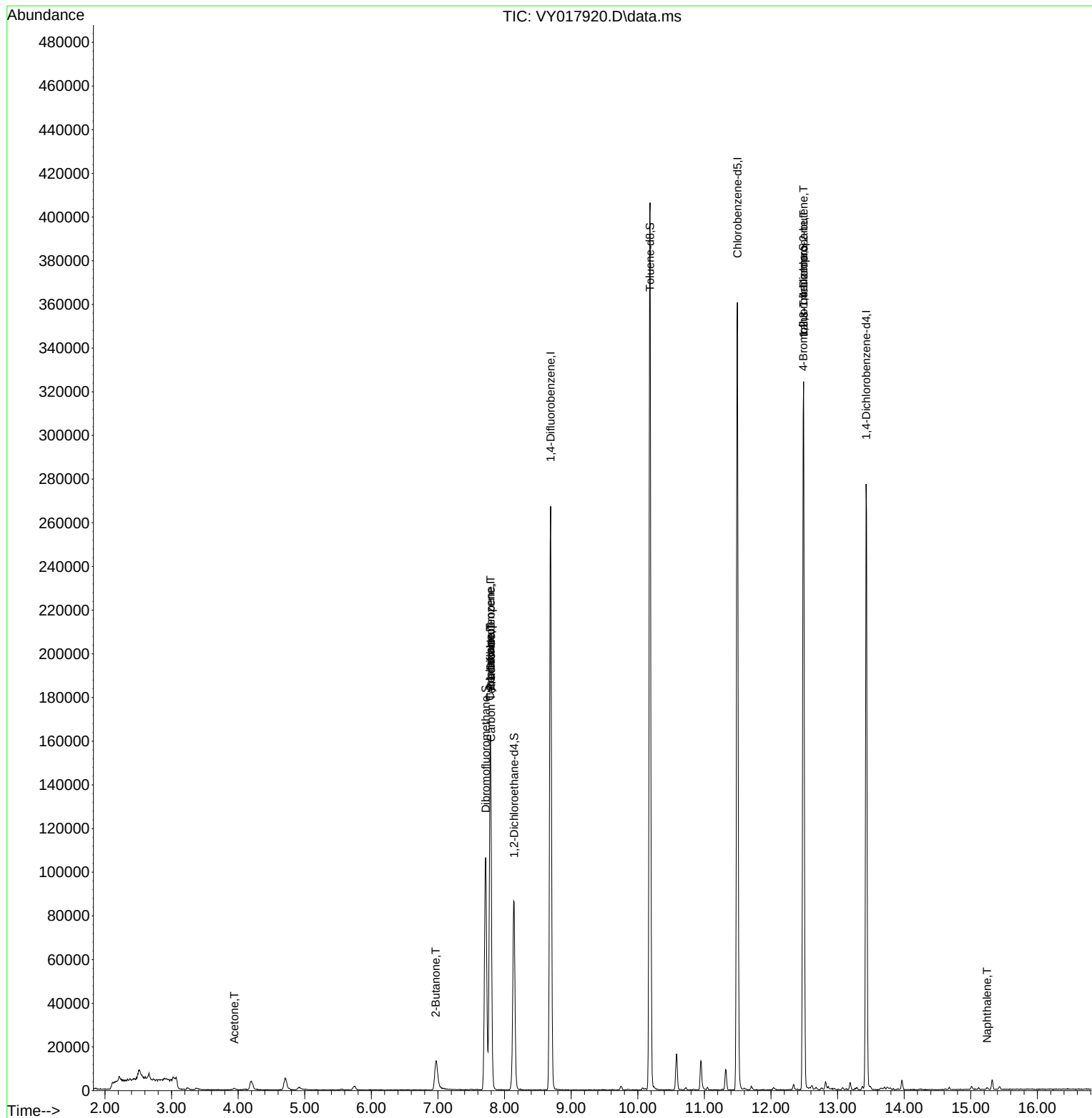
Internal Standards						
1) Pentafluorobenzene	7.789	168	129694	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	233679	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	200139	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	69999	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	66291	59.07	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 118.14%			
35) Dibromofluoromethane	7.716	113	74599	55.25	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.50%			
50) Toluene-d8	10.185	98	266170	52.77	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 105.54%			
62) 4-Bromofluorobenzene	12.483	95	87629	57.10	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 114.20%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.905	59	636	Below Cal	#	88
16) Acetone	3.942	43	1428	6.16 ug/l	#	81
25) 2-Butanone	6.966	43	387	1.17 ug/l	#	41
31) Cyclohexane	7.783	56	2858	1.45 ug/l	#	19
36) 1,1-Dichloropropene	7.789	75	10323	5.24 ug/l	#	49
38) Carbon Tetrachloride	7.795	117	12242	5.99 ug/l	#	17
41) Methacrylonitrile	7.374	41	20	Below Cal	#	15
51) 4-Methyl-2-Pentanone	10.081	43	798	Below Cal	#	78
59) 2-Hexanone	10.837	43	291	Below Cal	#	39
69) o-Xylene	12.038	106	331	Below Cal		55
70) Styrene	12.050	104	405	Below Cal	#	54
74) N-amyl acetate	12.142	43	174	Below Cal	#	37
76) 1,2,3-Trichloropropane	12.489	75	47036	73.74 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.489	75	47036	133.47 ug/l	#	16
95) Naphthalene	15.245	128	1057	1.46 ug/l	#	78

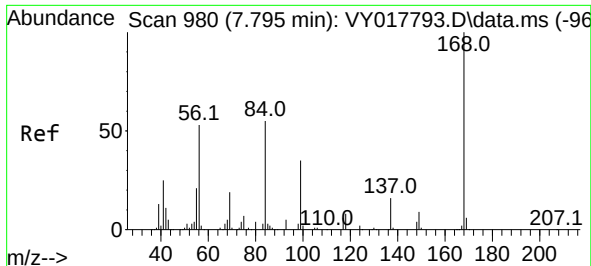
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041224\
Data File : VY017920.D
Acq On : 12 Apr 2024 10:01
Operator : SY/MD
Sample : VY0412SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

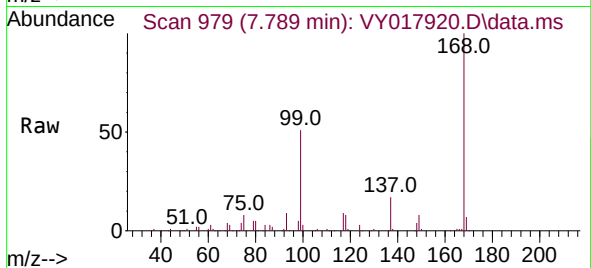
Quant Time: Apr 13 00:33:22 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 30 05:58:13 2024
Response via : Initial Calibration



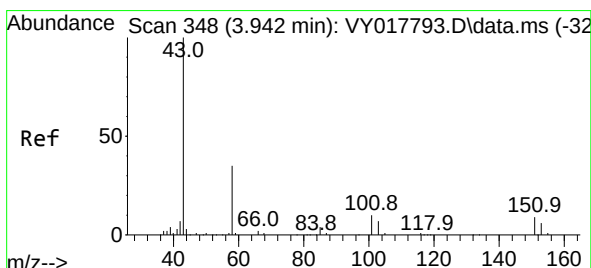
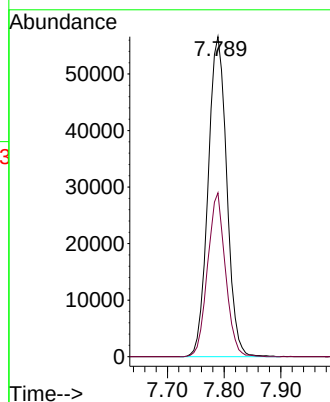
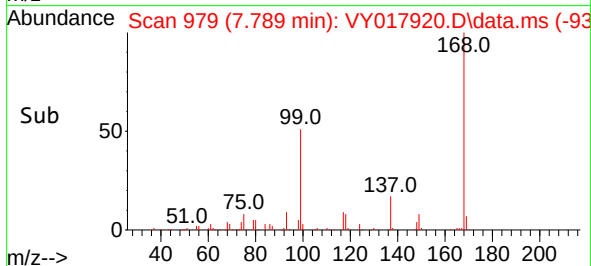


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017920.D
Acq: 12 Apr 2024 10:01

Instrument :
MSVOA_Y
ClientSampleId :

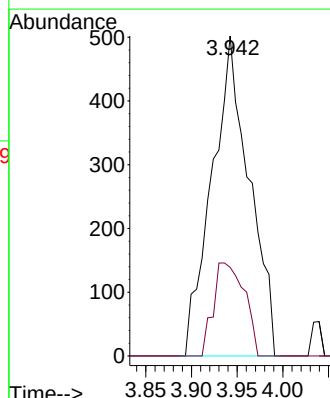
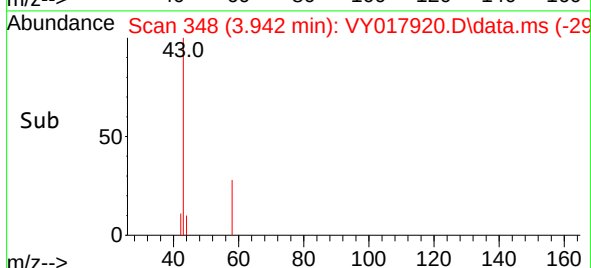
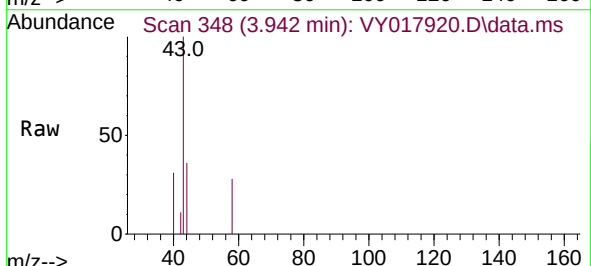


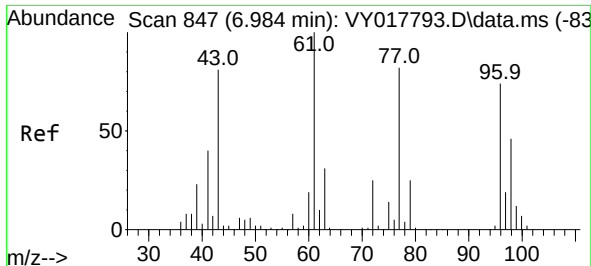
Tgt Ion:168 Resp: 129694
Ion Ratio Lower Upper
168 100
99 51.2 39.1 58.7



#16
Acetone
Concen: 6.16 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY017920.D
Acq: 12 Apr 2024 10:01

Tgt Ion: 43 Resp: 1428
Ion Ratio Lower Upper
43 100
58 27.7 31.7 47.5#





#25

2-Butanone

Concen: 1.17 ug/l

RT: 6.966 min Scan# 84

Delta R.T. -0.018 min

Lab File: VY017920.D

Acq: 12 Apr 2024 10:01

Instrument :

MSVOA_Y

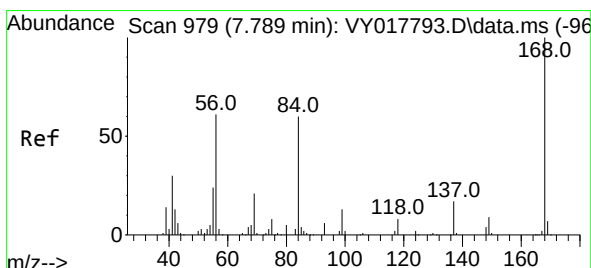
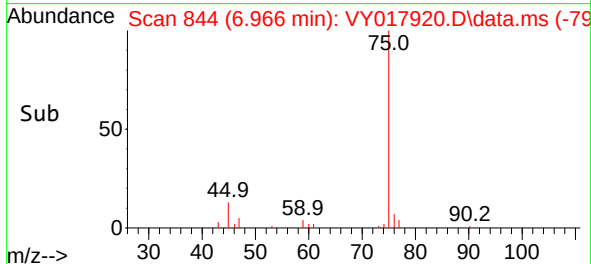
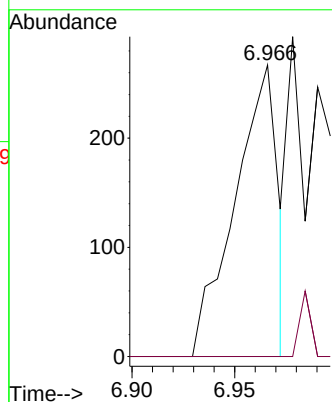
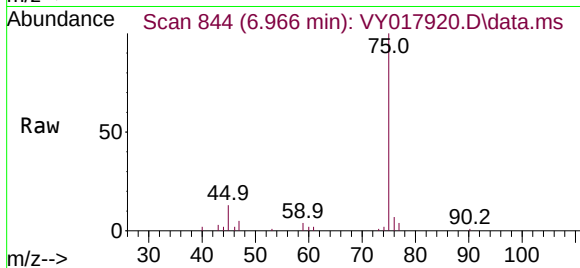
ClientSampleId :

Tgt Ion: 43 Resp: 387

Ion Ratio Lower Upper

43 100

72 0.0 27.3 40.9#



#31

Cyclohexane

Concen: 1.45 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.006 min

Lab File: VY017920.D

Acq: 12 Apr 2024 10:01

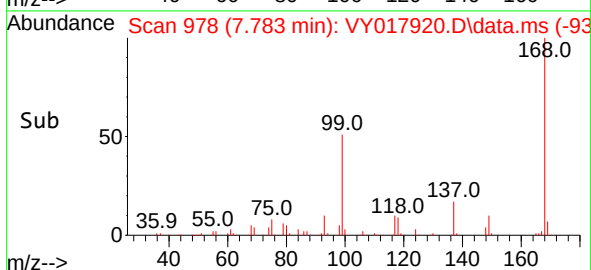
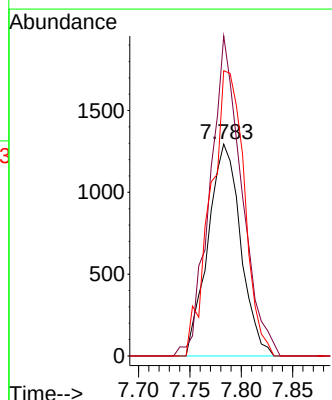
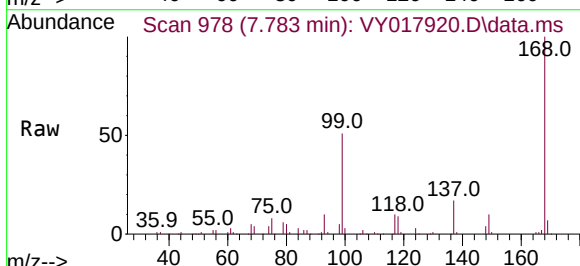
Tgt Ion: 56 Resp: 2858

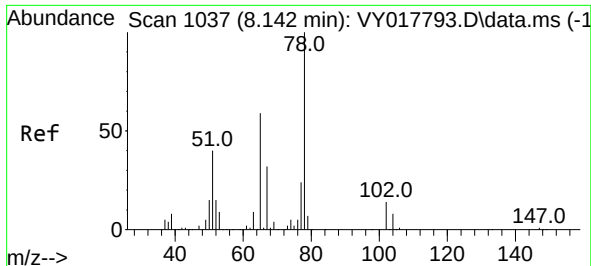
Ion Ratio Lower Upper

56 100

69 151.0 28.7 43.1#

84 134.7 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 59.07 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY017920.D

Acq: 12 Apr 2024 10:01

Instrument :

MSVOA_Y

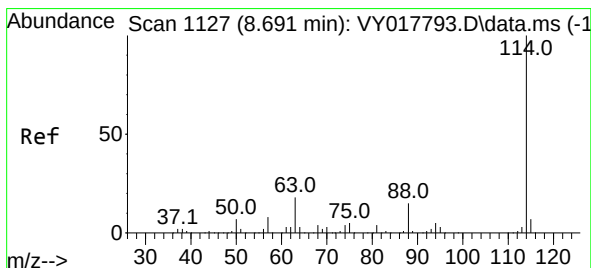
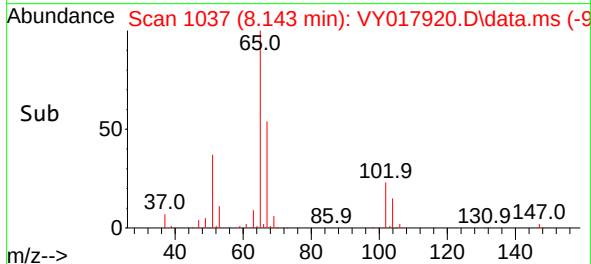
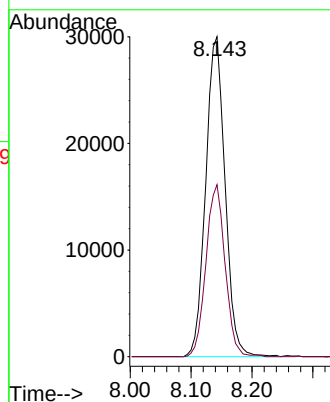
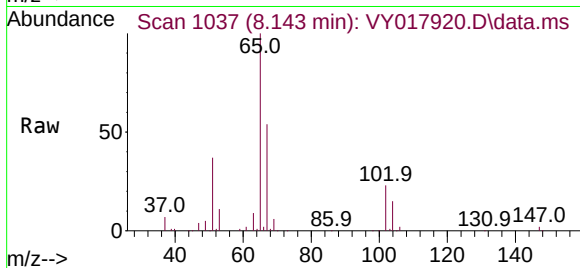
ClientSampleId :

Tgt Ion: 65 Resp: 66291

Ion Ratio Lower Upper

65 100

67 53.2 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY017920.D

Acq: 12 Apr 2024 10:01

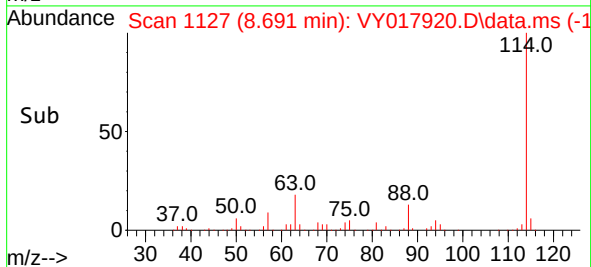
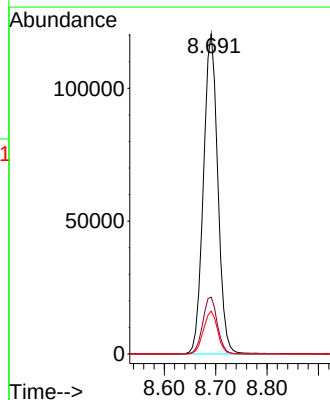
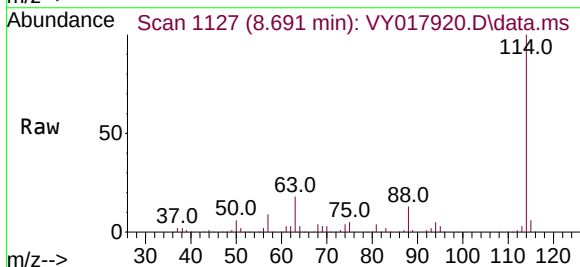
Tgt Ion: 114 Resp: 233679

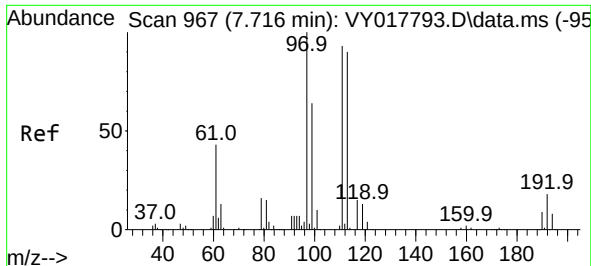
Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.0

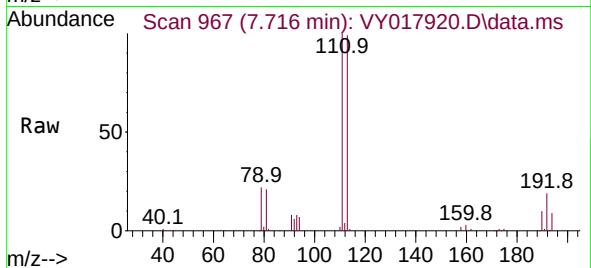
88 13.4 0.0 27.2



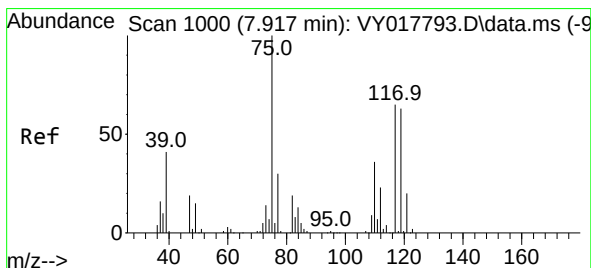
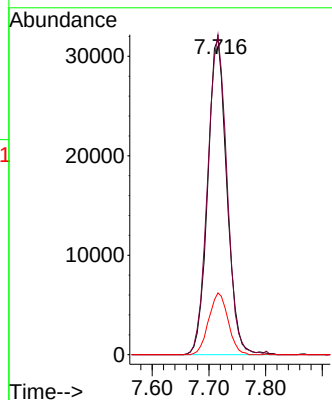
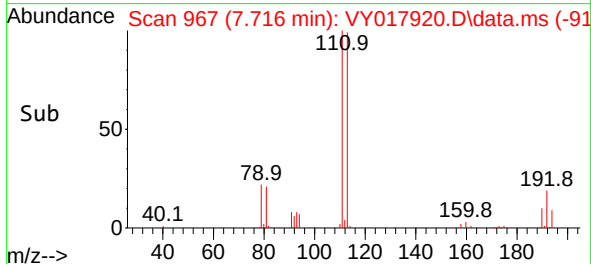


#35
Dibromofluoromethane
Concen: 55.25 ug/l
RT: 7.716 min Scan# 901
Delta R.T. 0.000 min
Lab File: VY017920.D
Acq: 12 Apr 2024 10:01

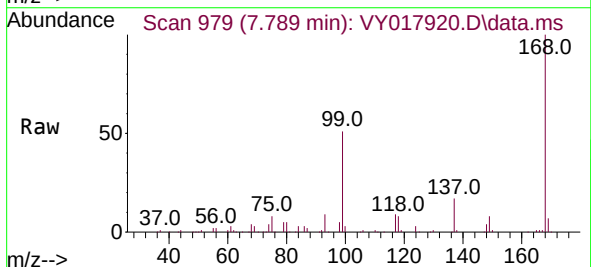
Instrument :
MSVOA_Y
ClientSampleId :



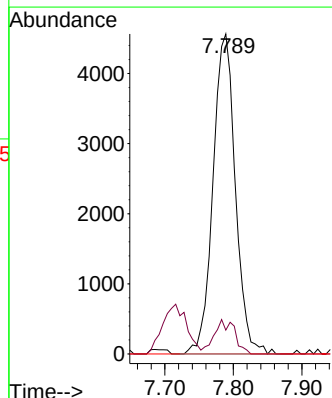
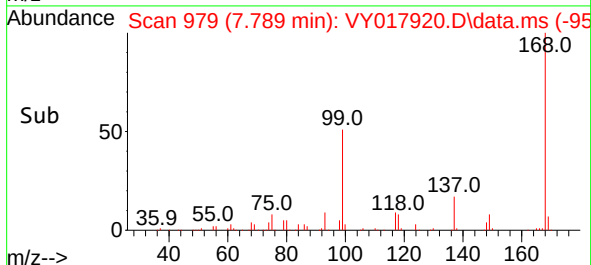
Tgt Ion:113 Resp: 74599
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.4
192 19.7 15.9 23.9

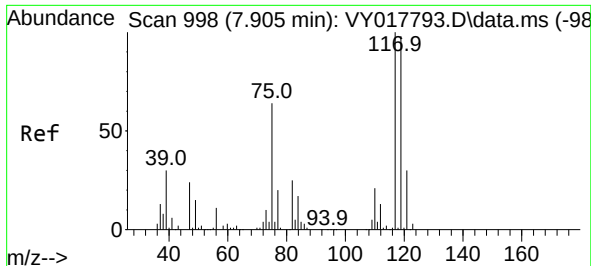


#36
1,1-Dichloropropene
Concen: 5.24 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY017920.D
Acq: 12 Apr 2024 10:01



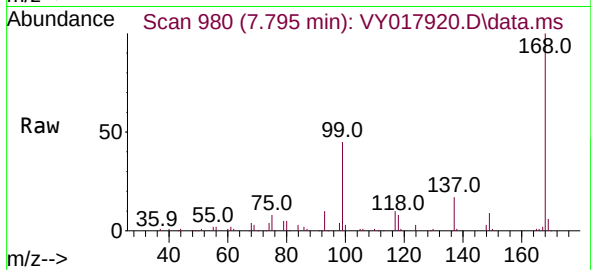
Tgt Ion: 75 Resp: 10323
Ion Ratio Lower Upper
75 100
110 9.8 19.0 57.0#
77 0.0 25.3 37.9#



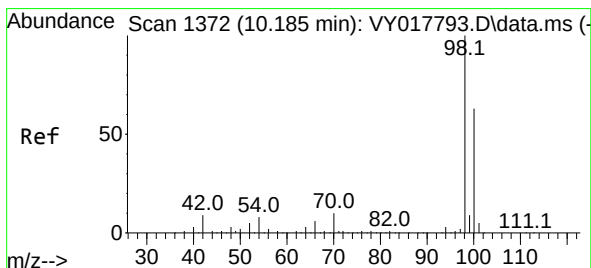
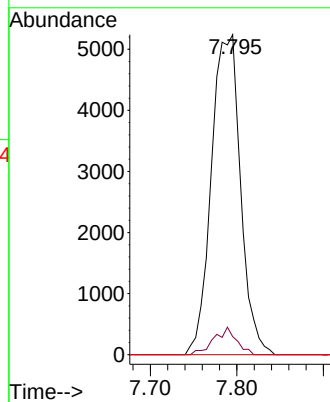
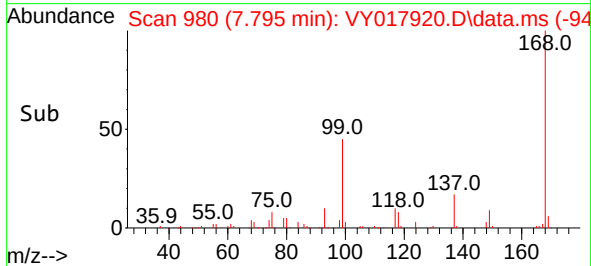


#38
Carbon Tetrachloride
Concen: 5.99 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY017920.D
Acq: 12 Apr 2024 10:01

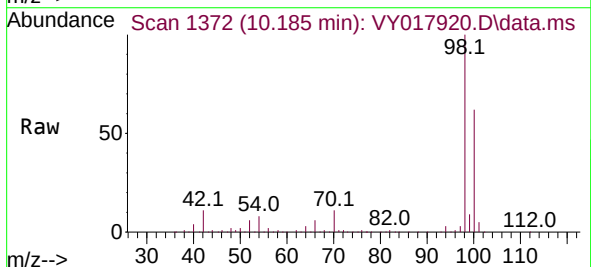
Instrument :
MSVOA_Y
ClientSampleId :



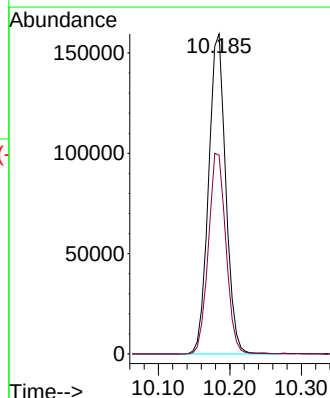
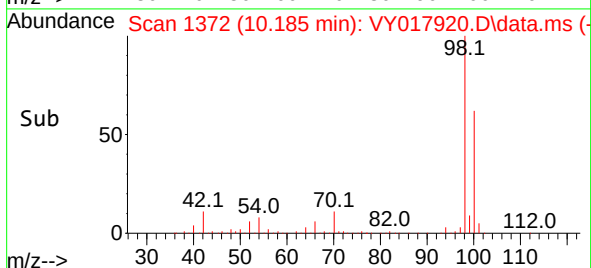
Tgt Ion:117 Resp: 12242
Ion Ratio Lower Upper
117 100
119 5.6 75.8 113.6#
121 0.0 24.0 36.0#

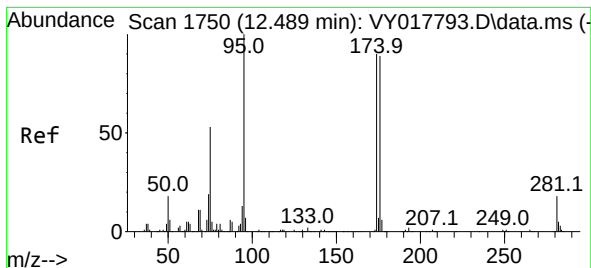


#50
Toluene-d8
Concen: 52.77 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017920.D
Acq: 12 Apr 2024 10:01



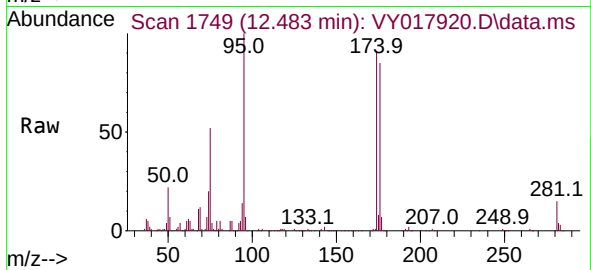
Tgt Ion: 98 Resp: 266170
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0



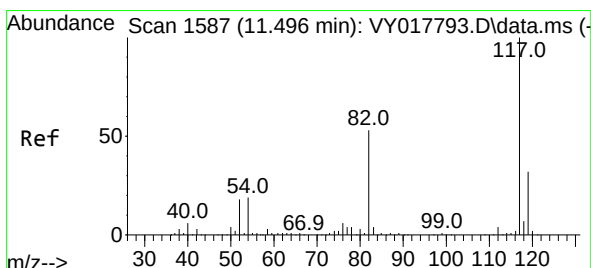
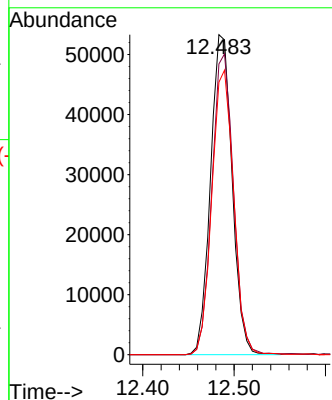
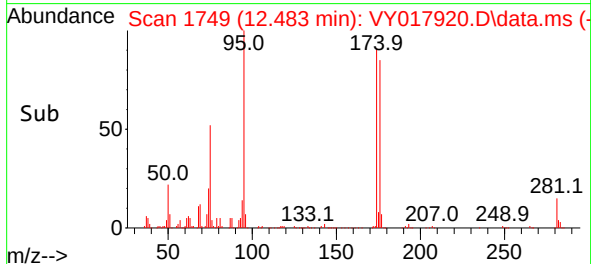


#62
4-Bromofluorobenzene
Concen: 57.10 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY017920.D
Acq: 12 Apr 2024 10:01

Instrument :
MSVOA_Y
ClientSampleId :

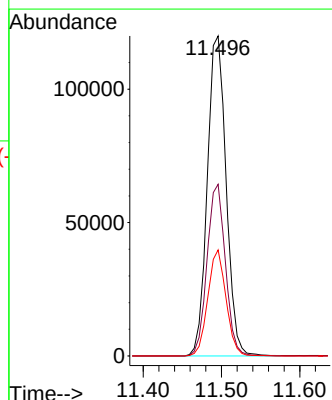
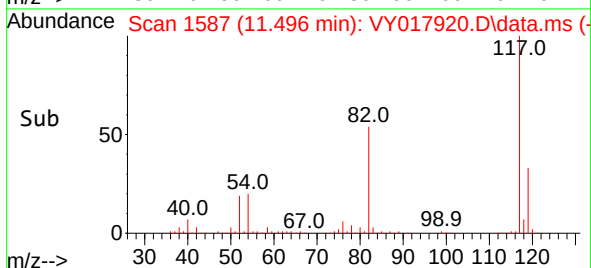
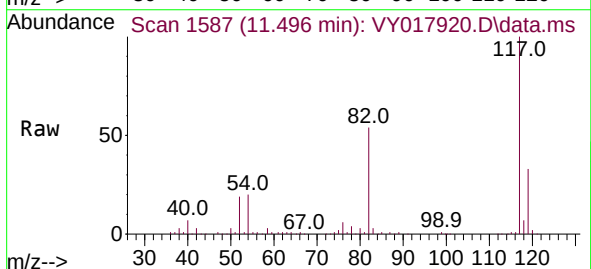


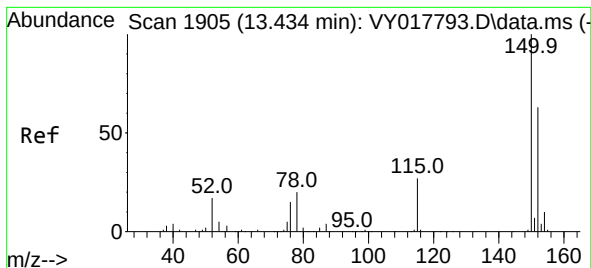
Tgt Ion: 95 Resp: 87629
Ion Ratio Lower Upper
95 100
174 94.0 0.0 175.6
176 89.9 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY017920.D
Acq: 12 Apr 2024 10:01

Tgt Ion: 117 Resp: 200139
Ion Ratio Lower Upper
117 100
82 53.7 42.4 63.6
119 33.1 25.9 38.9

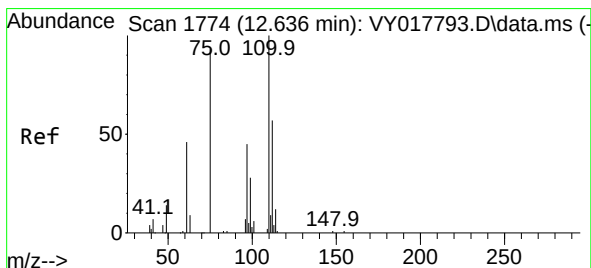
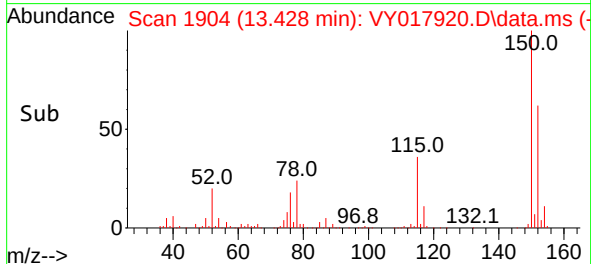
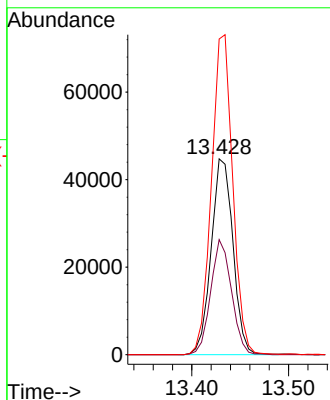
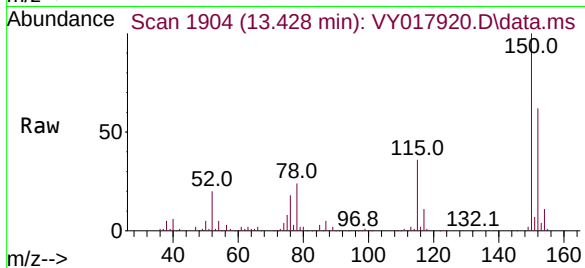




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY017920.D
Acq: 12 Apr 2024 10:01

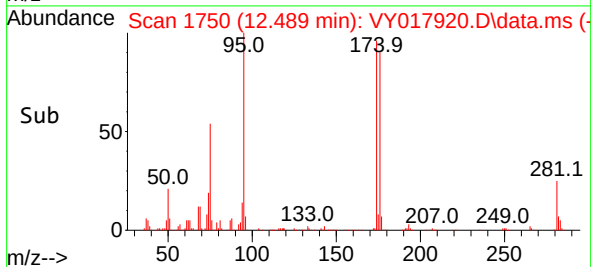
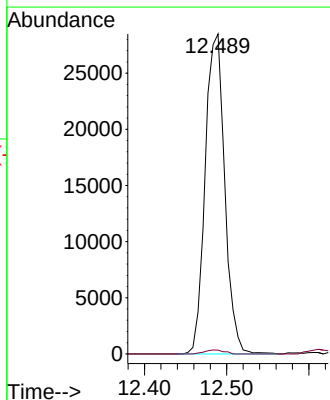
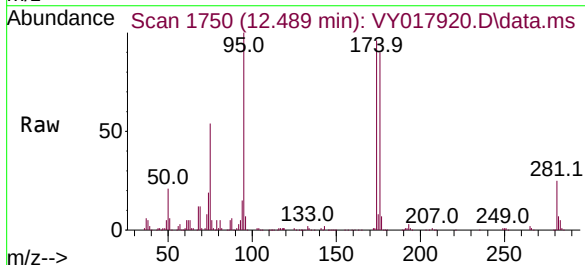
Instrument :
MSVOA_Y
ClientSampleId :

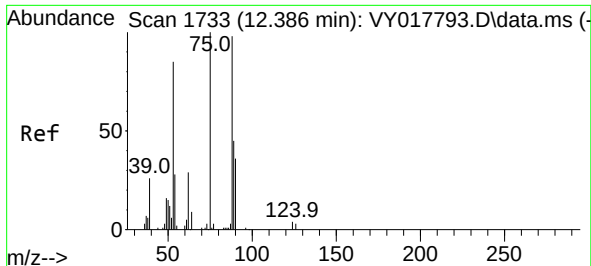
Tgt Ion:152 Resp: 69999
Ion Ratio Lower Upper
152 100
115 56.0 28.2 84.7
150 159.2 0.0 345.6



#76
1,2,3-Trichloropropane
Concen: 73.74 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.146 min
Lab File: VY017920.D
Acq: 12 Apr 2024 10:01

Tgt Ion: 75 Resp: 47036
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#

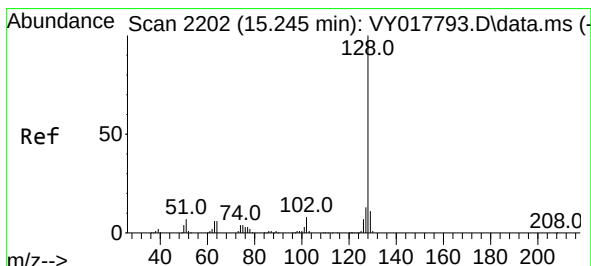
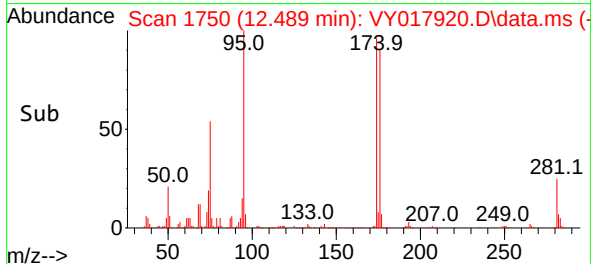
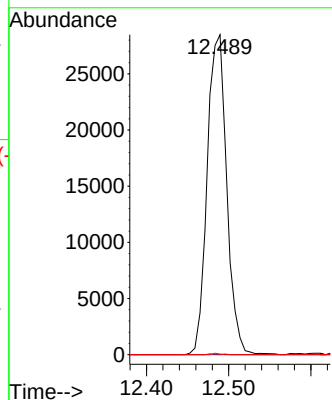
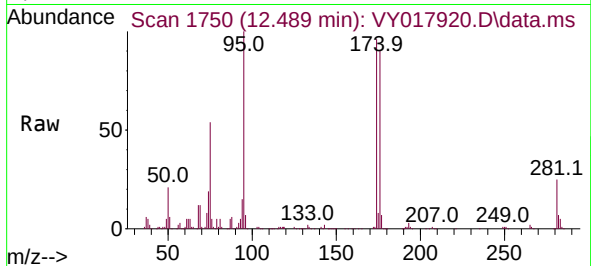




#81
trans-1,4-Dichloro-2-butene
Concen: 133.47 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.103 min
Lab File: VY017920.D
Acq: 12 Apr 2024 10:01

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 47036
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.1 35.8 53.6#



#95
Naphthalene
Concen: 1.46 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. 0.000 min
Lab File: VY017920.D
Acq: 12 Apr 2024 10:01

Tgt Ion:128 Resp: 1057
Ion Ratio Lower Upper
128 100
127 6.6 10.6 16.0#
129 0.0 8.6 13.0#

