

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081122\
 Data File : VY009976.D
 Acq On : 11 Aug 2022 20:05
 Operator : KP/MD
 Sample : N4064-08RE
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-17

Quant Time: Aug 12 02:50:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 17:37:28 2022
 Response via : Initial Calibration

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

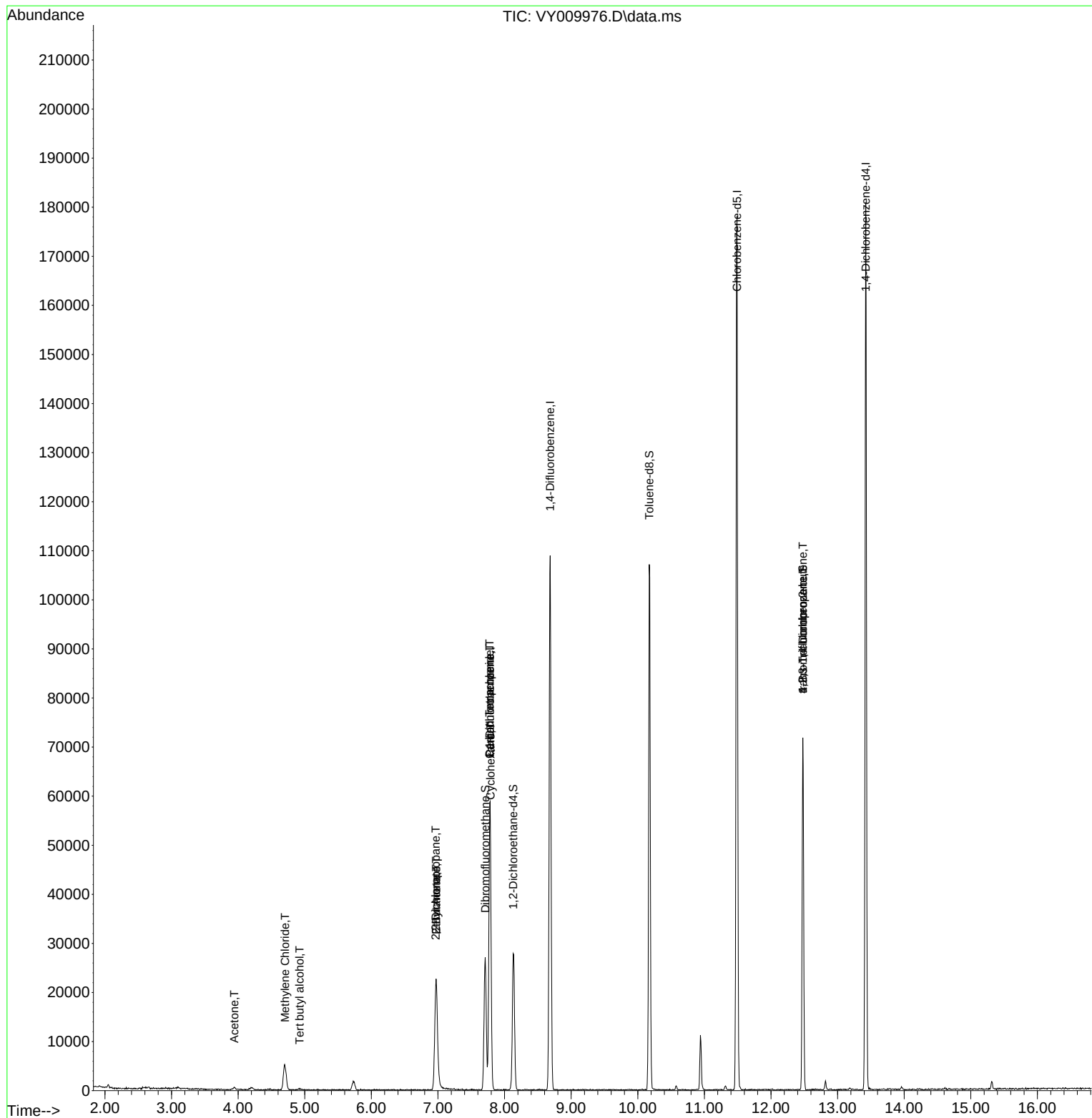
Internal Standards						
1) Pentafluorobenzene	7.783	168	44448	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	91681	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	97673	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	43381	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	20987	62.075	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 124.160%			
35) Dibromofluoromethane	7.710	113	19312	36.610	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 73.220%			
50) Toluene-d8	10.173	98	68351	43.565	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 87.120%			
62) 4-Bromofluorobenzene	12.477	95	21548	29.056	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 58.120%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.662	94	22	Below Cal	#	3
11) Tert butyl alcohol	4.924	59	149	3.432	ug/l #	78
16) Acetone	3.942	43	808	7.226	ug/l #	46
18) Methyl Acetate	4.460	43	171	Below Cal	#	52
20) Methylene Chloride	4.704	84	3912	3.318	ug/l #	86
25) 2-Butanone	6.972	43	1171	6.120	ug/l #	76
26) 2,2-Dichloropropane	6.966	77	1708	2.223	ug/l #	52
31) Cyclohexane	7.789	56	1135	1.193	ug/l #	54
36) 1,1-Dichloropropene	7.777	75	3942	4.293	ug/l #	46
37) Ethyl Acetate	6.972	43	1171	2.183	ug/l #	1
38) Carbon Tetrachloride	7.777	117	4724	5.371	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	10545	22.769	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	10545	44.322	ug/l #	13

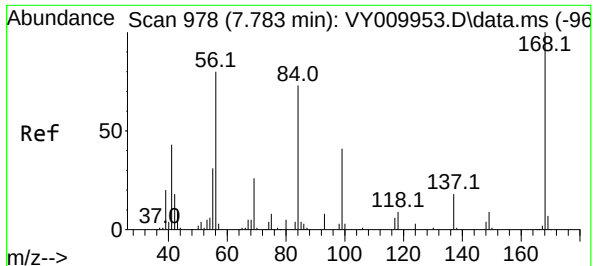
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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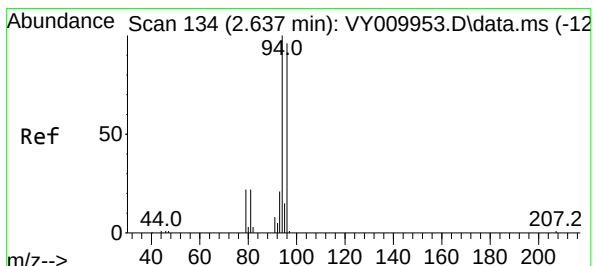
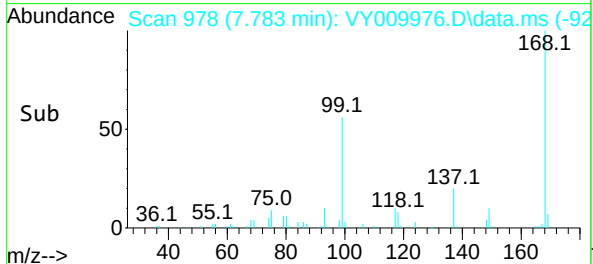
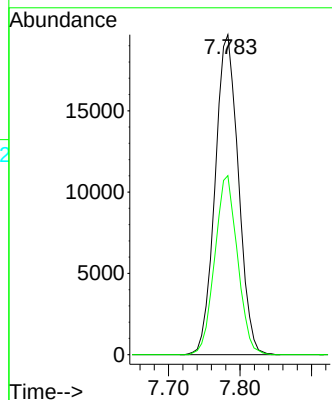
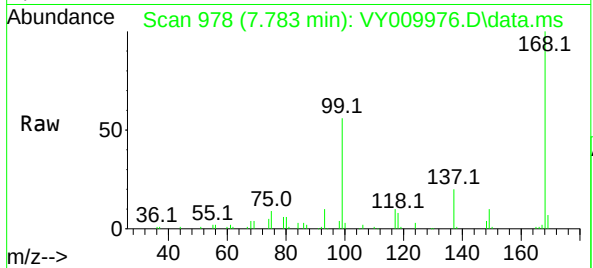




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009976.D
Acq: 11 Aug 2022 20:05

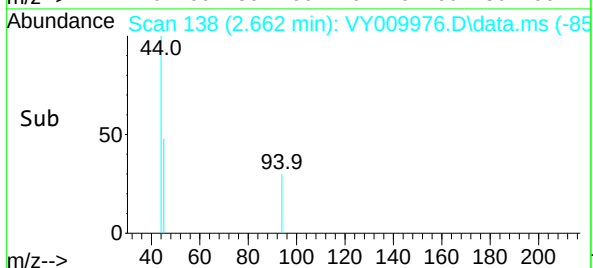
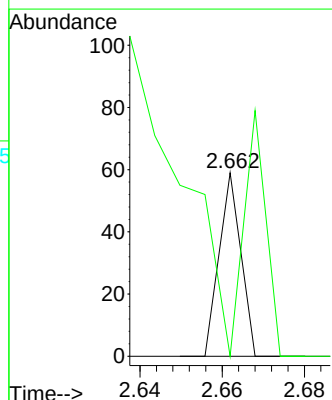
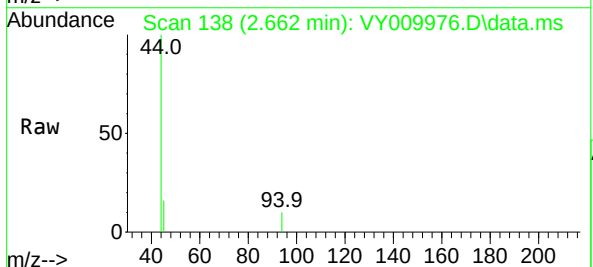
Instrument :
MSVOA_Y
ClientSampleId :
SB-17

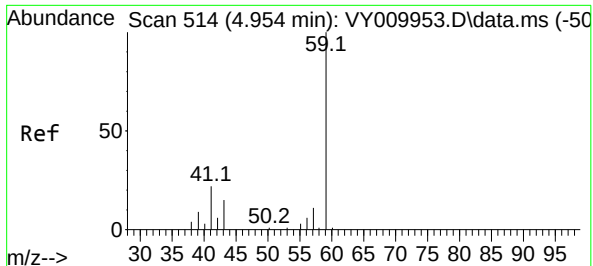
Tgt Ion:168 Resp: 44448
Ion Ratio Lower Upper
168 100
99 56.0 42.1 63.1



#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 138
Delta R.T. 0.025 min
Lab File: VY009976.D
Acq: 11 Aug 2022 20:05

Tgt Ion: 94 Resp: 22
Ion Ratio Lower Upper
94 100
96 0.0 74.6 111.8#





#11

Tert butyl alcohol

Concen: 3.432 ug/l

RT: 4.924 min Scan# 509

Delta R.T. -0.030 min

Lab File: VY009976.D

Acq: 11 Aug 2022 20:05

Instrument :

MSVOA_Y

ClientSampleId :

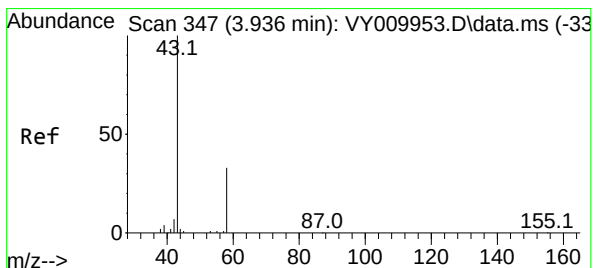
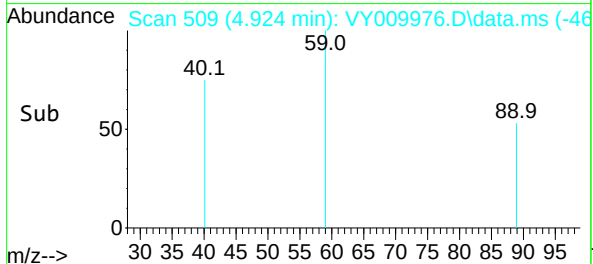
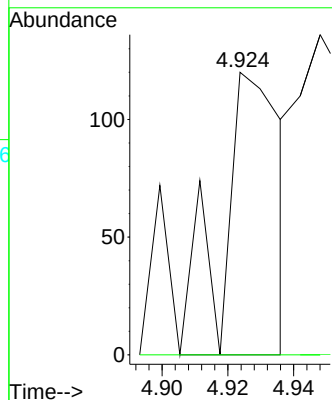
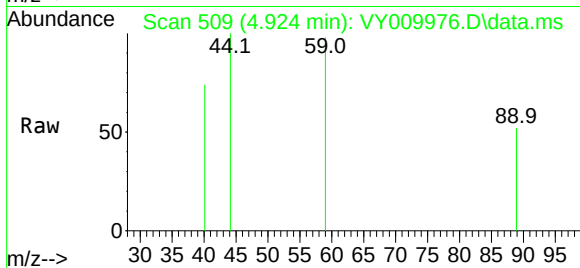
SB-17

Tgt Ion: 59 Resp: 149

Ion Ratio Lower Upper

59 100

57 0.0 6.3 9.5#



#16

Acetone

Concen: 7.226 ug/l

RT: 3.942 min Scan# 348

Delta R.T. 0.006 min

Lab File: VY009976.D

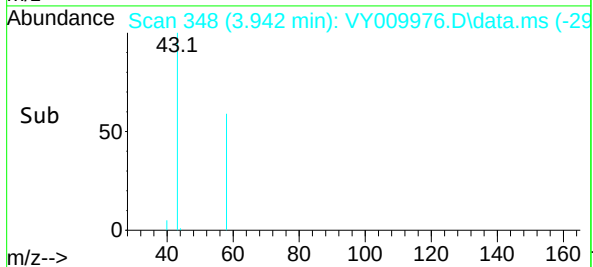
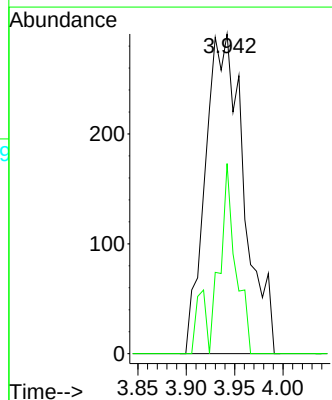
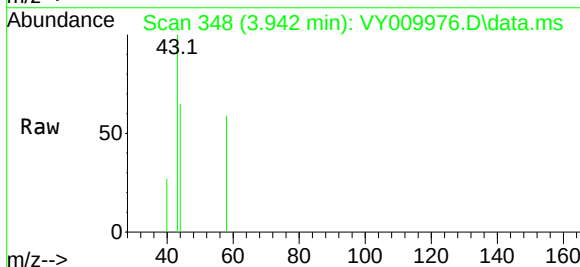
Acq: 11 Aug 2022 20:05

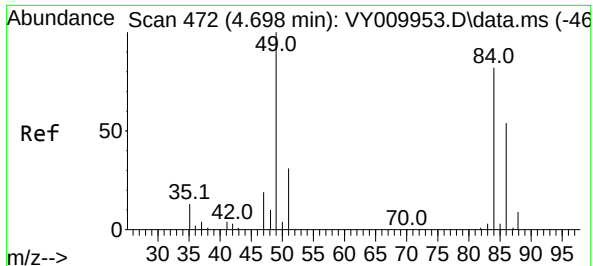
Tgt Ion: 43 Resp: 808

Ion Ratio Lower Upper

43 100

58 59.5 24.0 36.0#

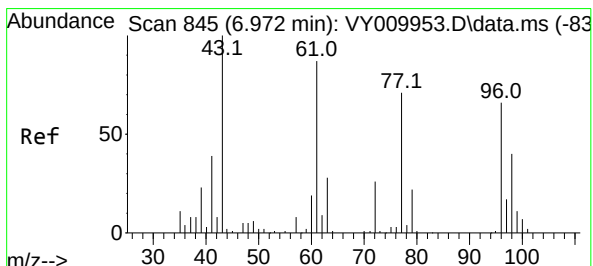
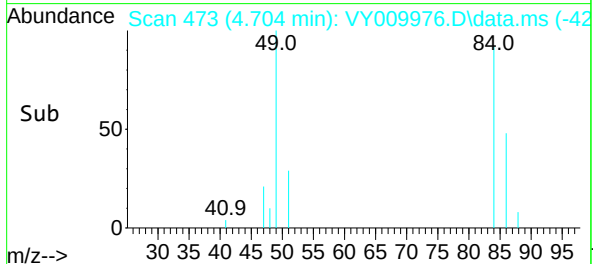
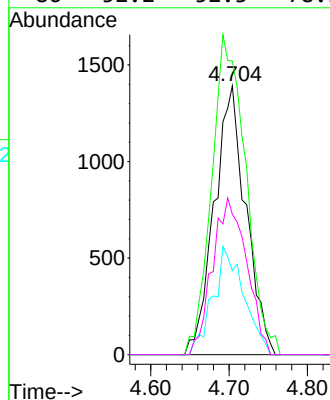
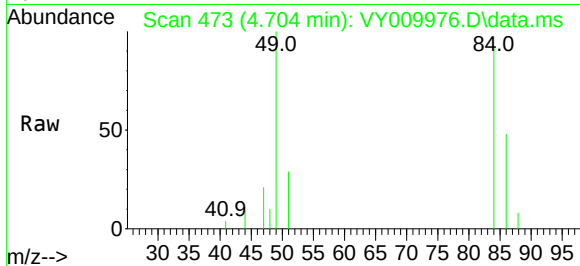




#20
Methylene Chloride
Concen: 3.318 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY009976.D
Acq: 11 Aug 2022 20:05

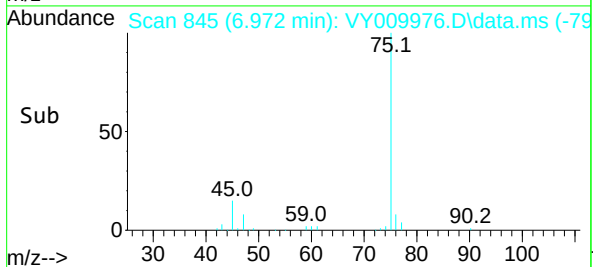
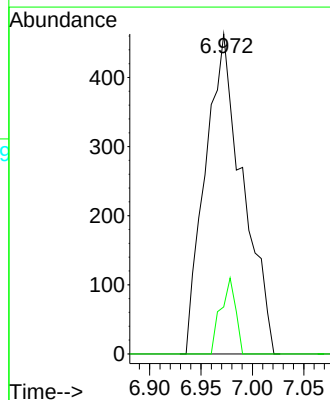
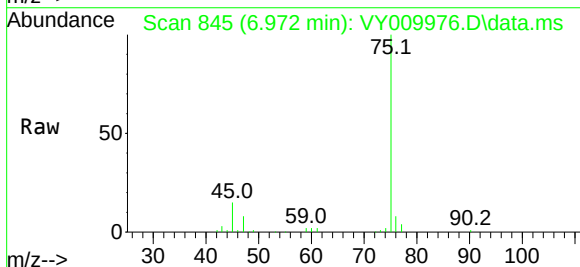
Instrument :
MSVOA_Y
ClientSampleId :
SB-17

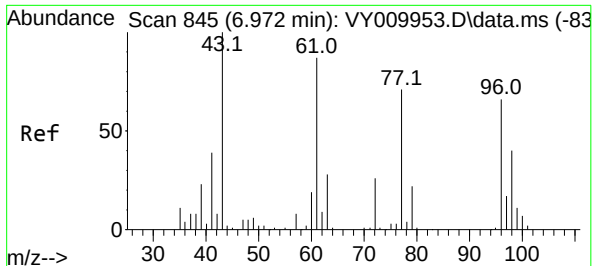
Tgt	Ion: 84	Resp:	3912
Ion	Ratio	Lower	Upper
84	100		
49	109.2	98.2	147.4
51	31.3	33.4	50.0#
86	52.2	52.3	78.5#



#25
2-Butanone
Concen: 6.120 ug/l
RT: 6.972 min Scan# 845
Delta R.T. 0.000 min
Lab File: VY009976.D
Acq: 11 Aug 2022 20:05

Tgt Ion: 43	Resp:	1171	
Ion	Ratio	Lower	Upper
43	100		
72	14.7	21.5	32.3#





#26

2,2-Dichloropropane

Concen: 2.223 ug/l

RT: 6.966 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY009976.D

Acq: 11 Aug 2022 20:05

Instrument :

MSVOA_Y

ClientSampleId :

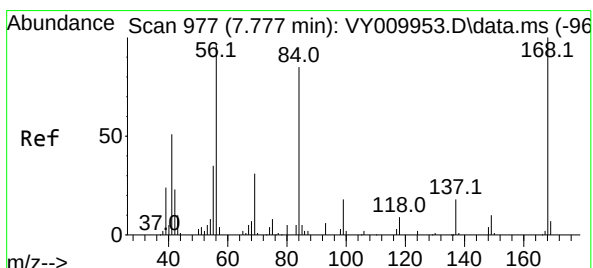
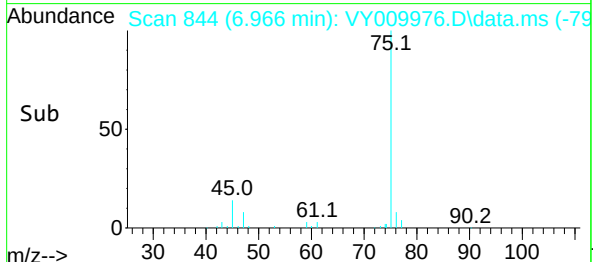
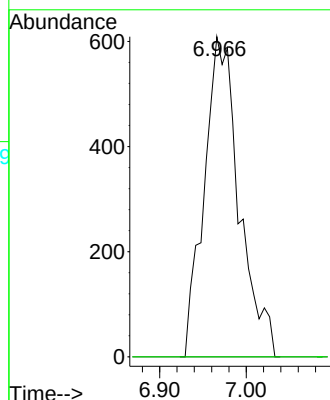
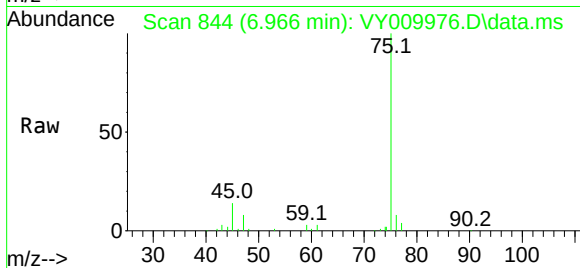
SB-17

Tgt Ion: 77 Resp: 1708

Ion Ratio Lower Upper

77 100

97 0.0 11.7 35.0#



#31

Cyclohexane

Concen: 1.193 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.012 min

Lab File: VY009976.D

Acq: 11 Aug 2022 20:05

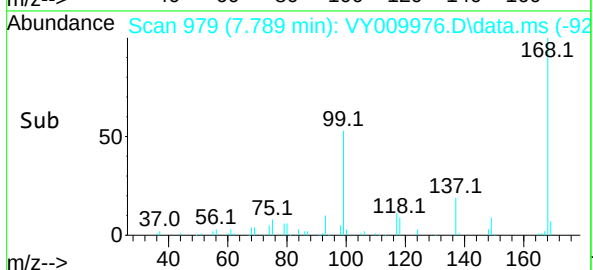
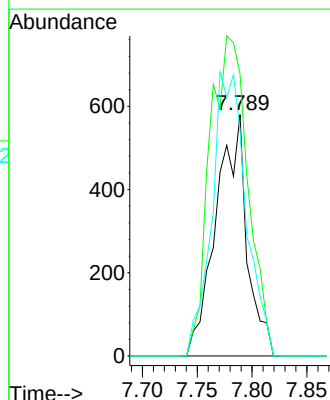
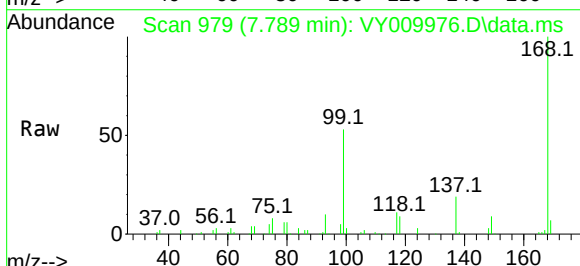
Tgt Ion: 56 Resp: 1135

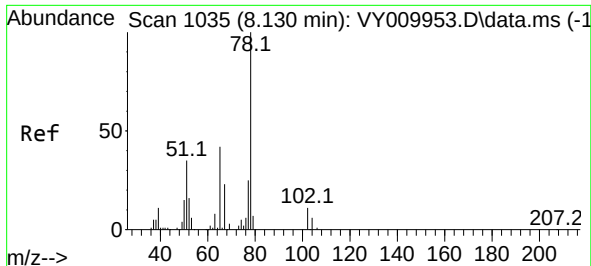
Ion Ratio Lower Upper

56 100

69 116.7 26.0 39.0#

84 93.6 69.5 104.3





#33

1,2-Dichloroethane-d4

Concen: 62.075 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VY009976.D

Acq: 11 Aug 2022 20:05

Instrument :

MSVOA_Y

ClientSampleId :

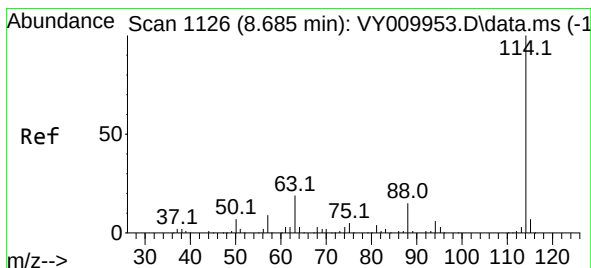
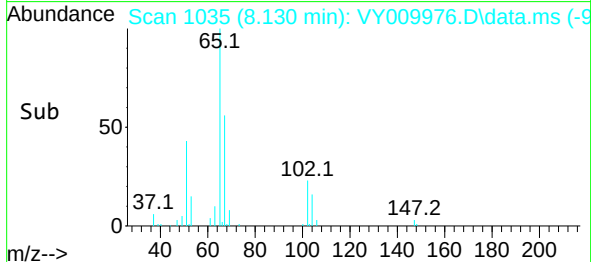
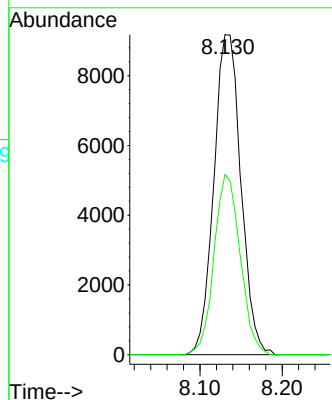
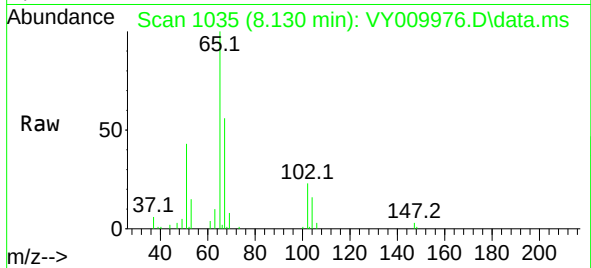
SB-17

Tgt Ion: 65 Resp: 20987

Ion Ratio Lower Upper

65 100

67 54.5 0.0 108.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009976.D

Acq: 11 Aug 2022 20:05

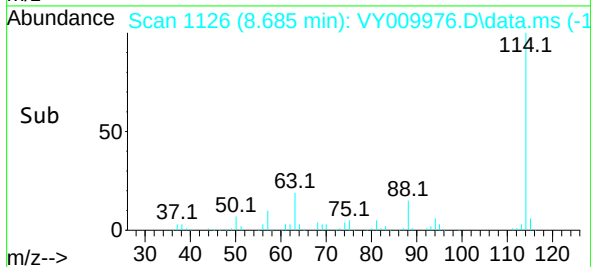
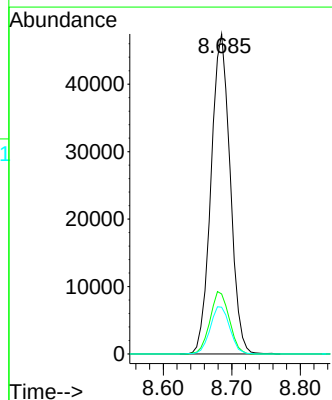
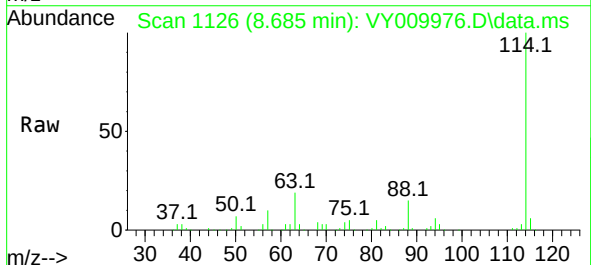
Tgt Ion: 114 Resp: 91681

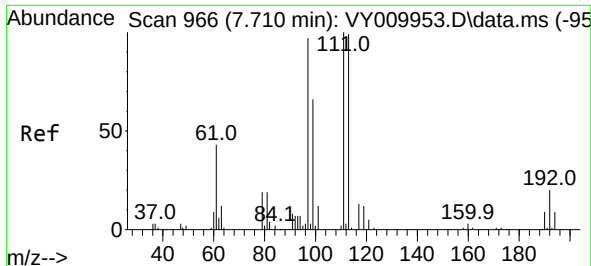
Ion Ratio Lower Upper

114 100

63 18.7 0.0 38.0

88 14.6 0.0 30.0

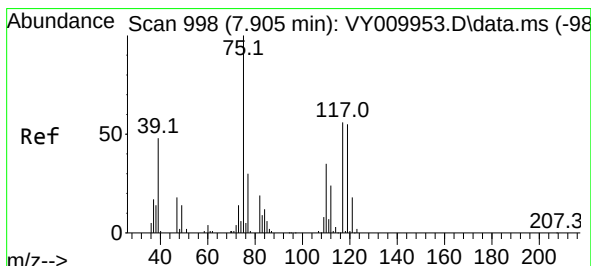
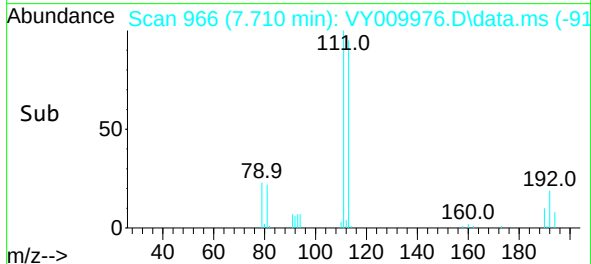
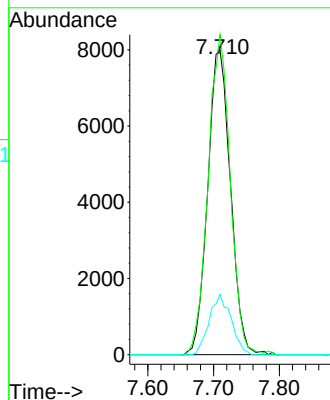
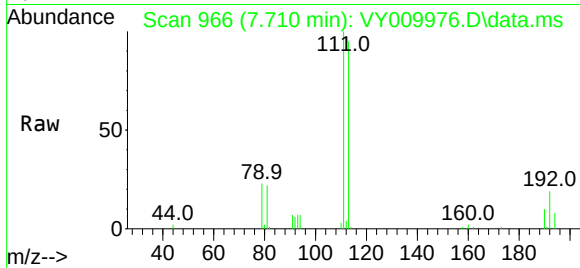




#35
Dibromofluoromethane
Concen: 36.610 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY009976.D
Acq: 11 Aug 2022 20:05

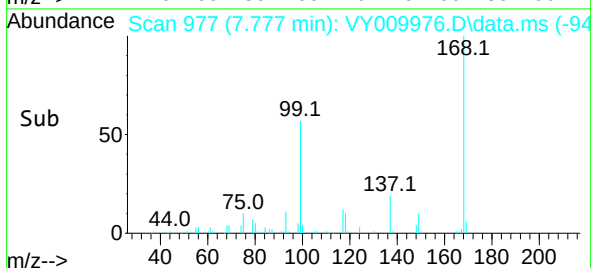
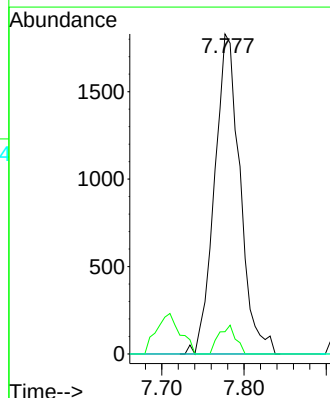
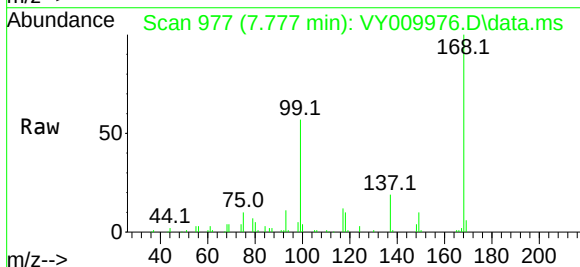
Instrument :
MSVOA_Y
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SB-17

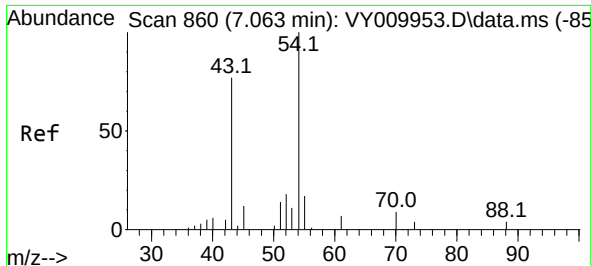
Tgt Ion:113 Resp: 19312
Ion Ratio Lower Upper
113 100
111 102.4 80.6 120.8
192 19.0 16.2 24.4



#36
1,1-Dichloropropene
Concen: 4.293 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.128 min
Lab File: VY009976.D
Acq: 11 Aug 2022 20:05

Tgt Ion: 75 Resp: 3942
Ion Ratio Lower Upper
75 100
110 6.0 18.6 56.0#
77 0.0 25.0 37.4#





#37

Ethyl Acetate

Concen: 2.183 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.091 min

Lab File: VY009976.D

Acq: 11 Aug 2022 20:05

Instrument :

MSVOA_Y

ClientSampleId :

SB-17

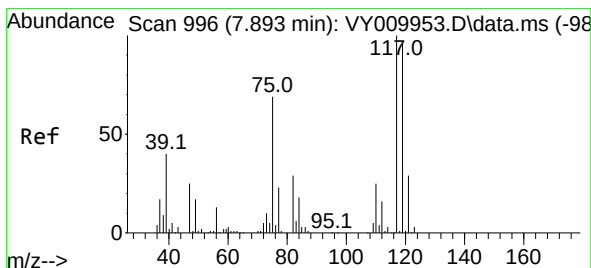
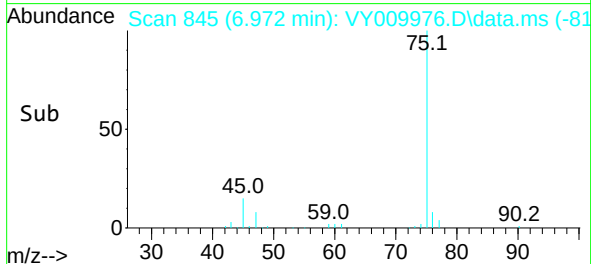
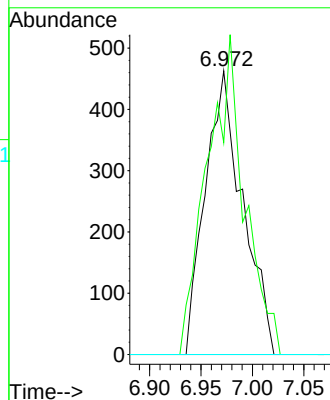
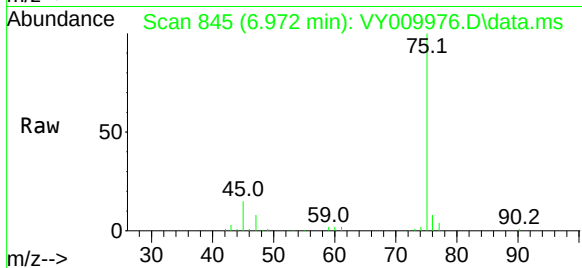
Tgt Ion: 43 Resp: 1171

Ion Ratio Lower Upper

43 100

61 112.3 11.2 16.8#

70 0.0 8.4 12.6#



#38

Carbon Tetrachloride

Concen: 5.371 ug/l

RT: 7.777 min Scan# 977

Delta R.T. -0.116 min

Lab File: VY009976.D

Acq: 11 Aug 2022 20:05

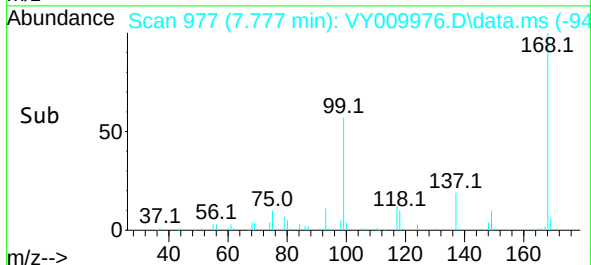
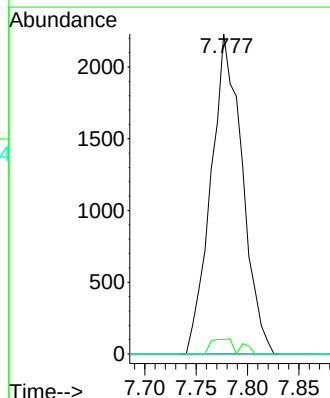
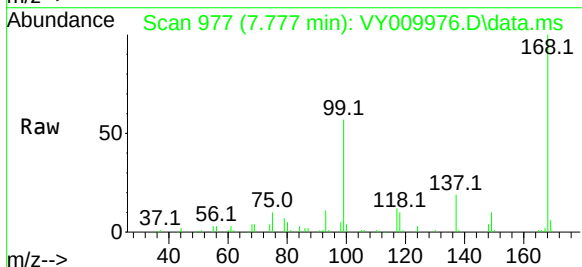
Tgt Ion: 117 Resp: 4724

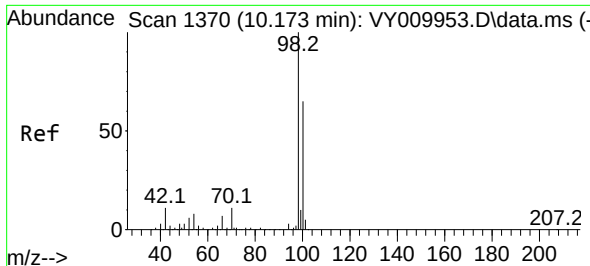
Ion Ratio Lower Upper

117 100

119 4.5 75.9 113.9#

121 0.0 24.9 37.3#

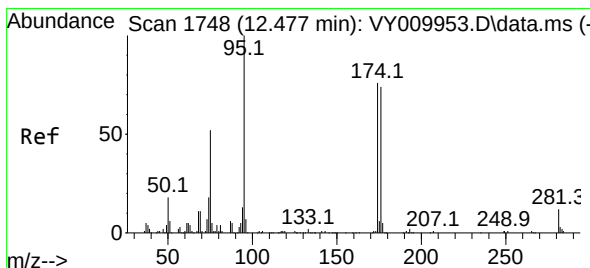
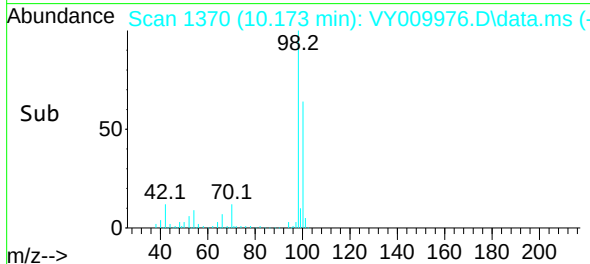
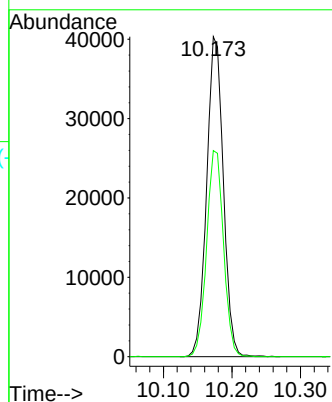
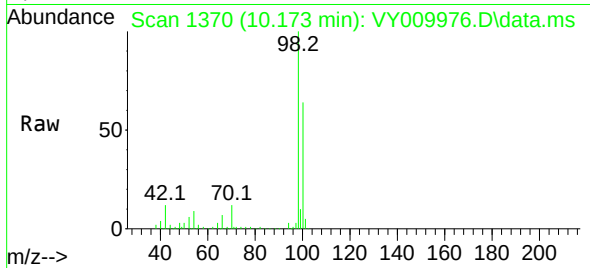




#50
Toluene-d8
Concen: 43.565 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009976.D
Acq: 11 Aug 2022 20:05

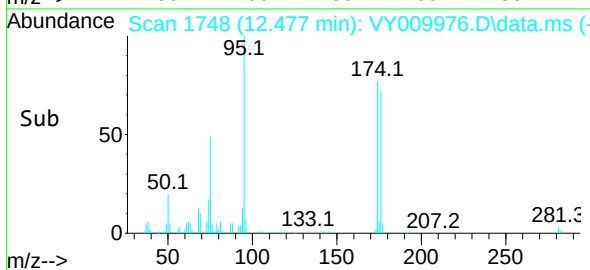
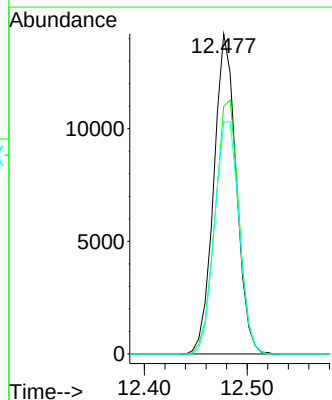
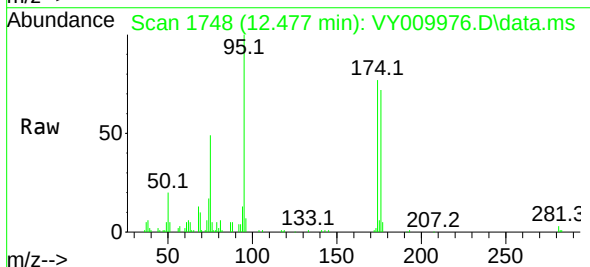
Instrument :
MSVOA_Y
ClientSampleId :
SB-17

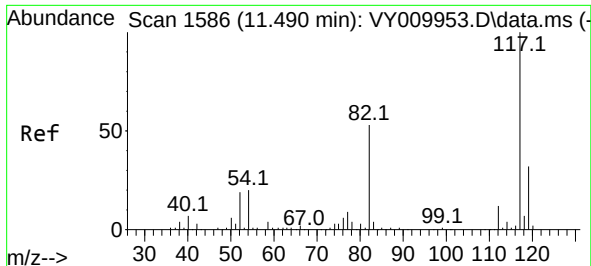
Tgt Ion: 98 Resp: 68351
Ion Ratio Lower Upper
98 100
100 65.1 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 29.056 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009976.D
Acq: 11 Aug 2022 20:05

Tgt Ion: 95 Resp: 21548
Ion Ratio Lower Upper
95 100
174 84.0 0.0 173.8
176 79.3 0.0 167.0

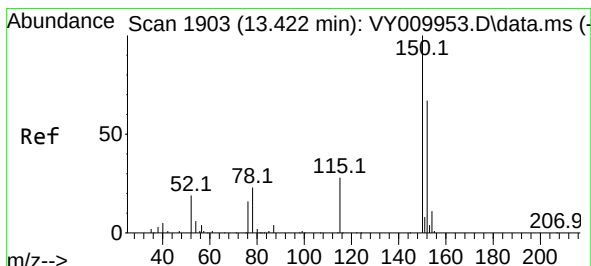
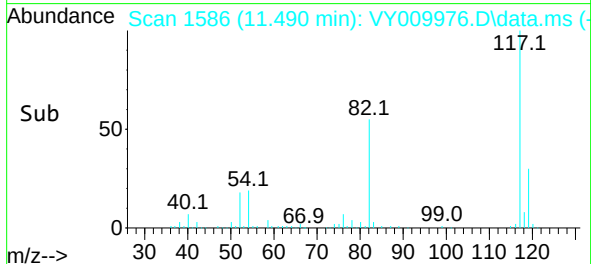
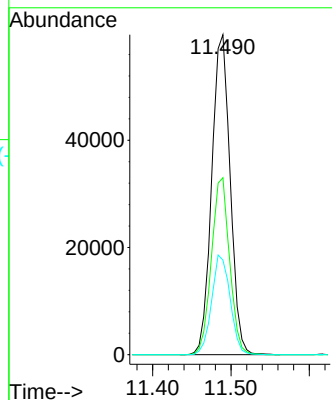
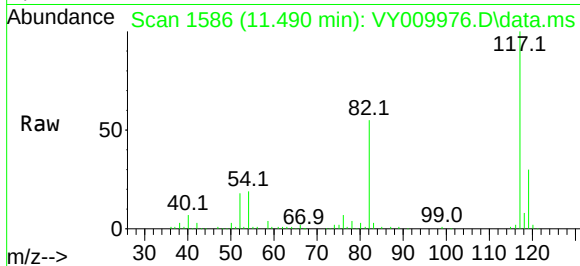




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009976.D
Acq: 11 Aug 2022 20:05

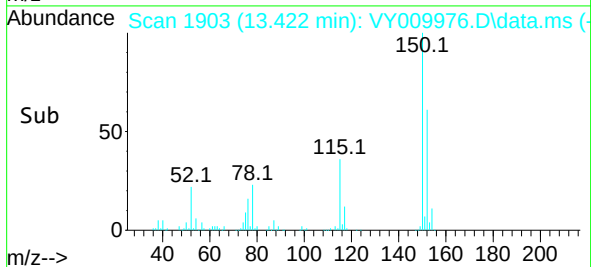
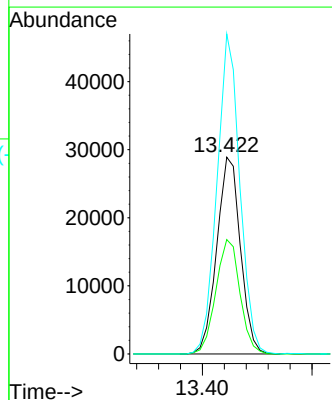
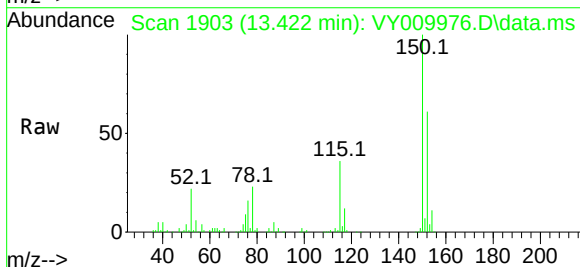
Instrument :
MSVOA_Y
ClientSampleId :
SB-17

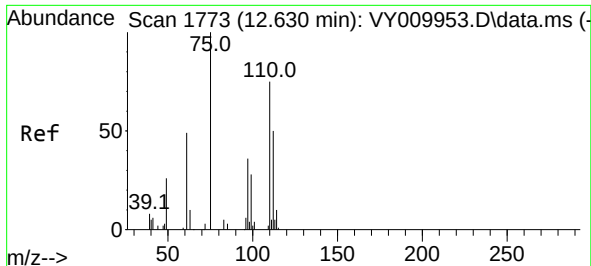
Tgt Ion:117 Resp: 97673
Ion Ratio Lower Upper
117 100
82 55.3 41.8 62.6
119 29.5 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009976.D
Acq: 11 Aug 2022 20:05

Tgt Ion:152 Resp: 43381
Ion Ratio Lower Upper
152 100
115 59.1 28.6 85.9
150 156.8 0.0 349.8

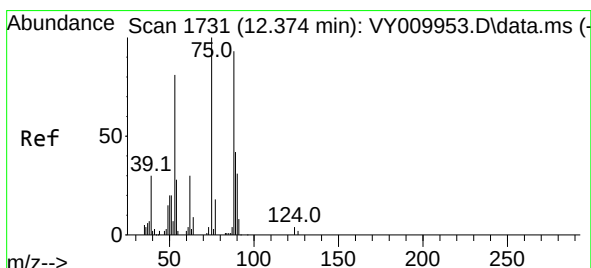
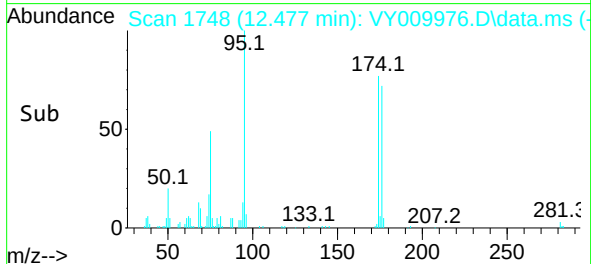
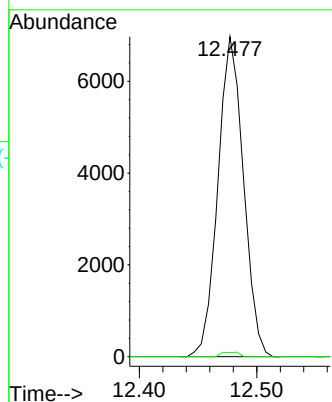
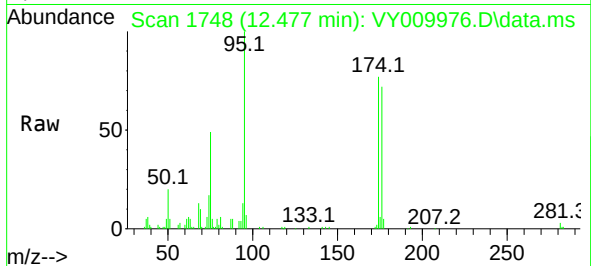




#76
1,2,3-Trichloropropane
Concen: 22.769 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY009976.D
Acq: 11 Aug 2022 20:05

Instrument :
MSVOA_Y
ClientSampleId :
SB-17

Tgt Ion: 75 Resp: 10545
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 44.322 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY009976.D
Acq: 11 Aug 2022 20:05

Tgt Ion: 75 Resp: 10545
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.0 38.1 57.1#

