

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051022\
 Data File : VY008692.D
 Acq On : 10 May 2022 20:04
 Operator : KP/MD
 Sample : N2762-07
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB17

Quant Time: May 11 04:35:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050922S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 09 19:21:20 2022
 Response via : Initial Calibration

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

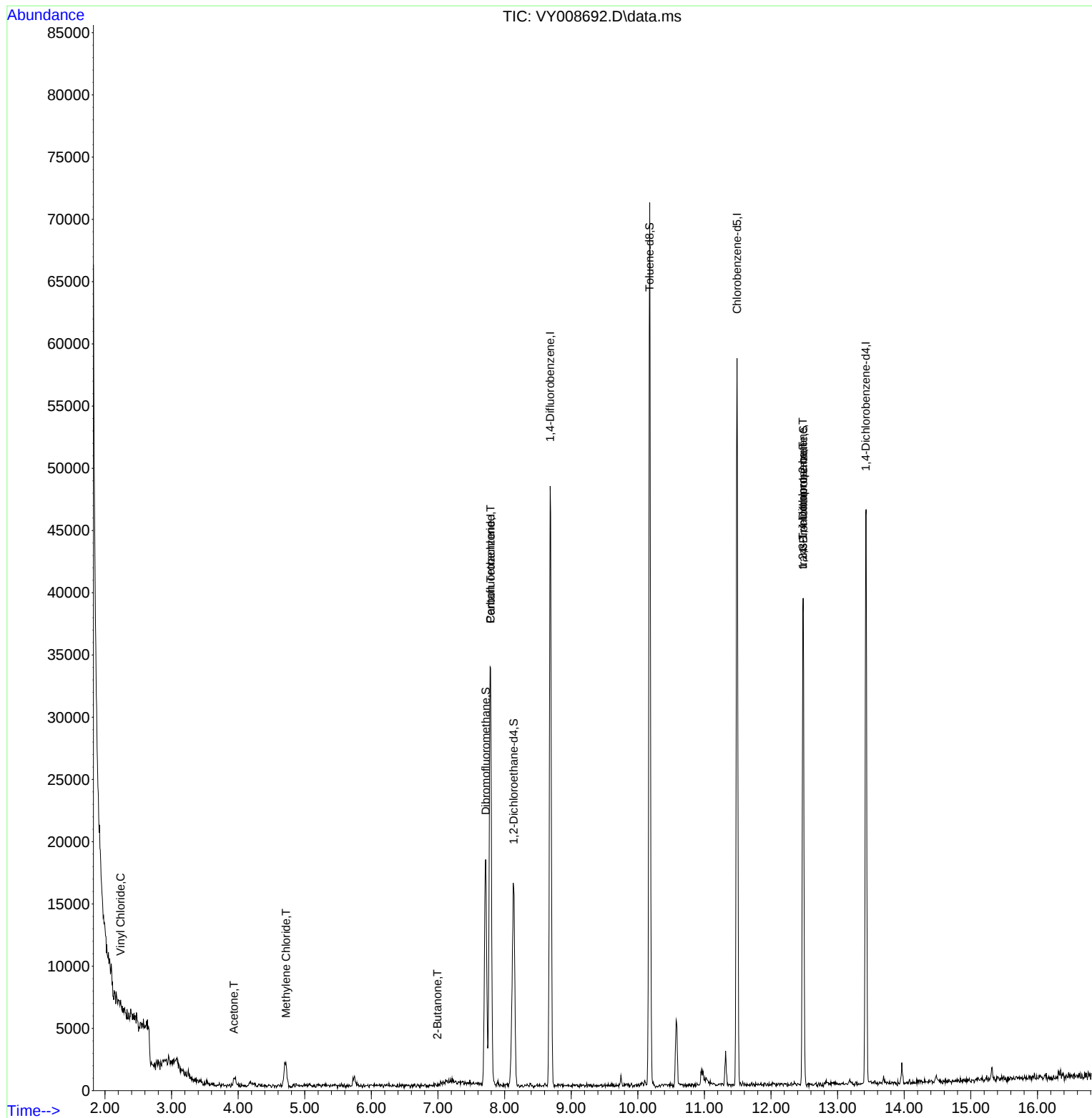
Internal Standards						
1) Pentafluorobenzene	7.789	168	29528	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	43267	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	34812	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	13386	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	10642	42.061	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.120%
35) Dibromofluoromethane	7.716	113	13519	50.703	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.400%
50) Toluene-d8	10.179	98	47114	50.143	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.280%
62) 4-Bromofluorobenzene	12.483	95	12055	35.662	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	71.320%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.235	62	843	3.495	ug/l #	43
16) Acetone	3.936	43	1179	19.751	ug/l #	79
18) Methyl Acetate	4.247	43	22	Below Cal	#	56
20) Methylene Chloride	4.716	84	1681	4.637	ug/l #	72
25) 2-Butanone	6.990	43	104	1.060	ug/l #	22
38) Carbon Tetrachloride	7.789	117	2823	6.515	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	5905	39.133	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	5905	77.857	ug/l #	7

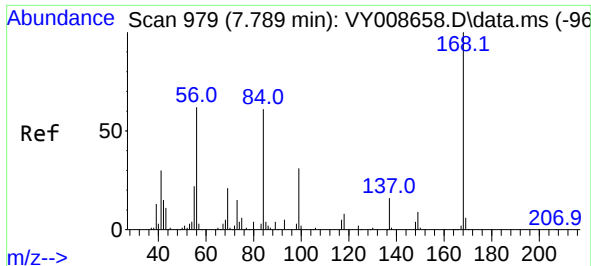
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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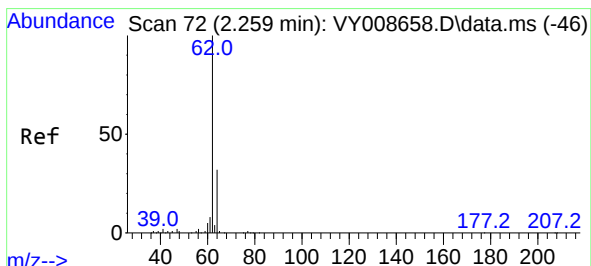
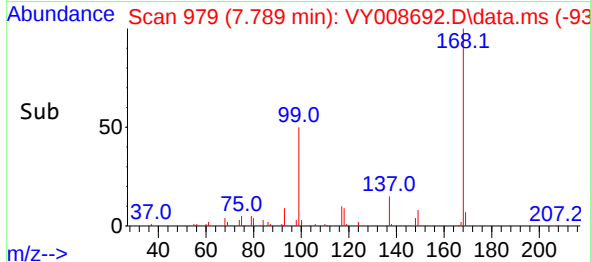
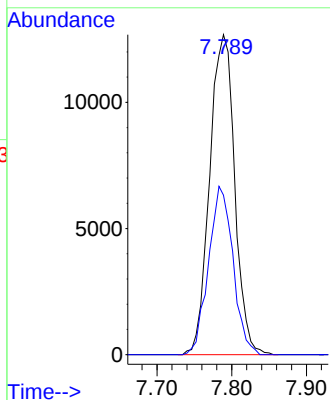
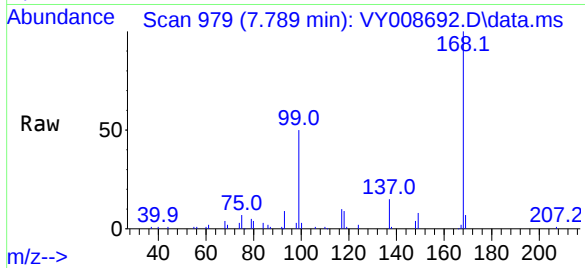




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008692.D
Acq: 10 May 2022 20:04

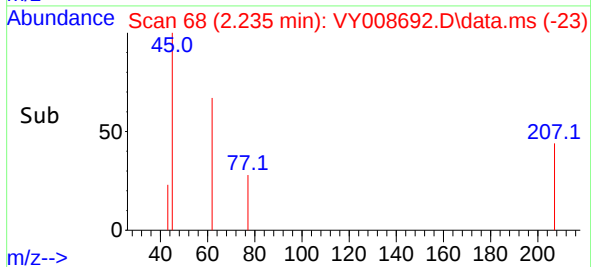
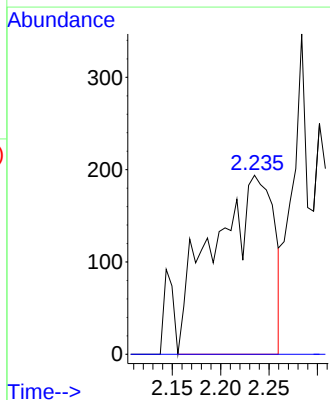
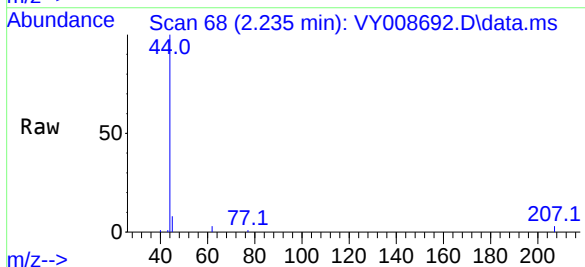
Instrument :
MSVOA_Y
ClientSampleId :
SB17

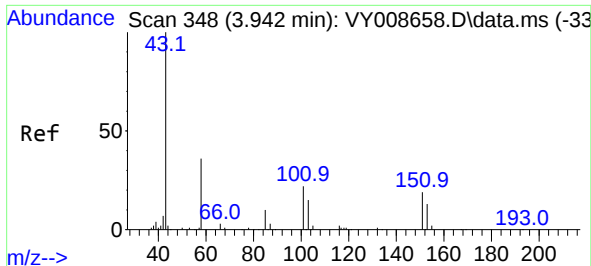
Tgt Ion:168 Resp: 29528
Ion Ratio Lower Upper
168 100
99 49.8 46.9 70.3



#4
Vinyl Chloride
Concen: 3.495 ug/l
RT: 2.235 min Scan# 68
Delta R.T. -0.024 min
Lab File: VY008692.D
Acq: 10 May 2022 20:04

Tgt Ion: 62 Resp: 843
Ion Ratio Lower Upper
62 100
64 0.0 25.0 37.6#

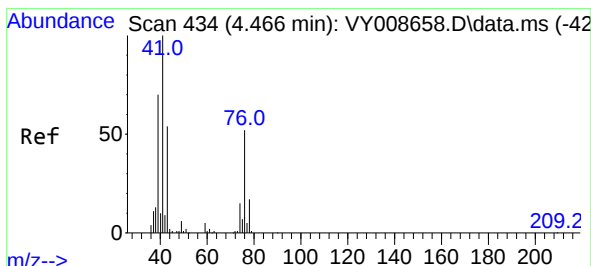
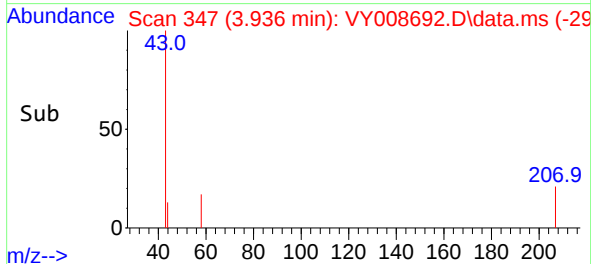
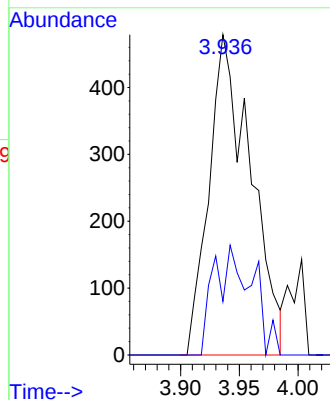
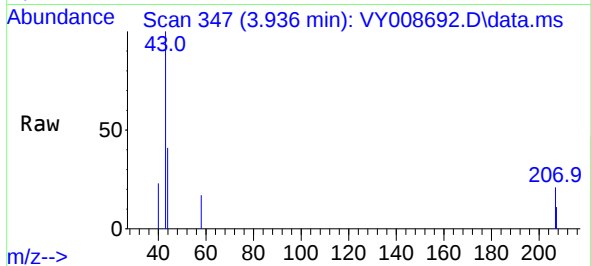




#16
Acetone
Concen: 19.751 ug/l
RT: 3.936 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY008692.D
Acq: 10 May 2022 20:04

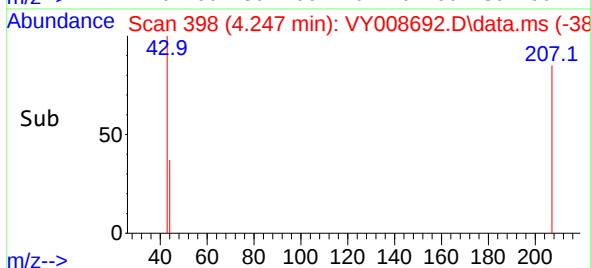
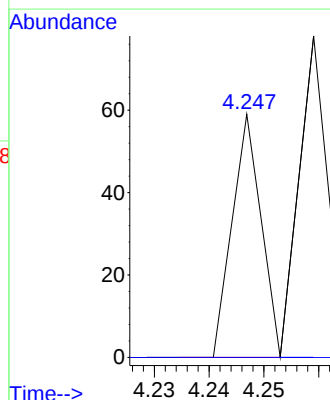
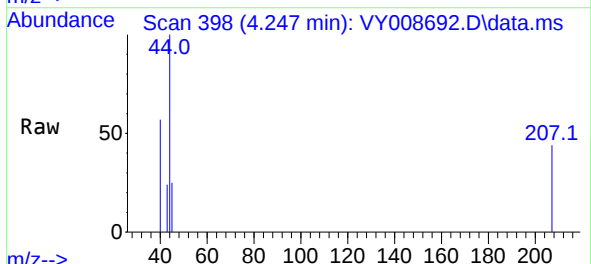
Instrument :
MSVOA_Y
ClientSampleId :
SB17

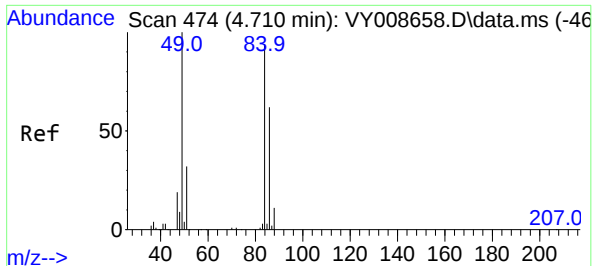
Tgt Ion: 43 Resp: 1179
Ion Ratio Lower Upper
43 100
58 16.7 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.247 min Scan# 398
Delta R.T. -0.219 min
Lab File: VY008692.D
Acq: 10 May 2022 20:04

Tgt Ion: 43 Resp: 22
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

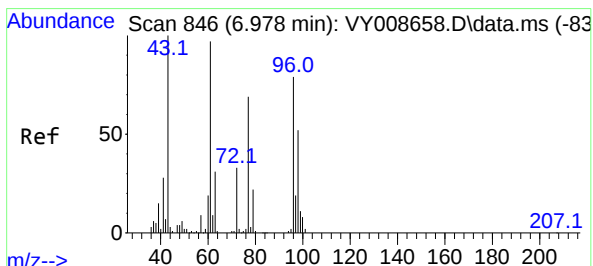
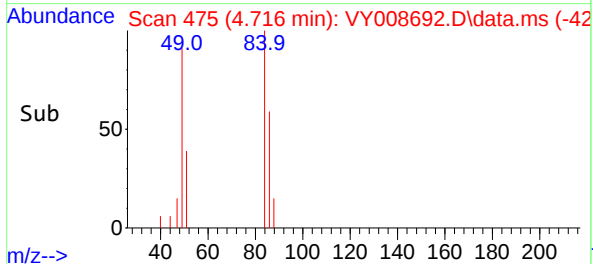
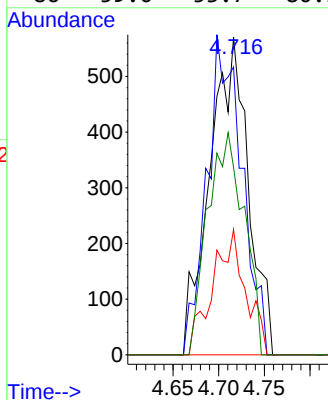
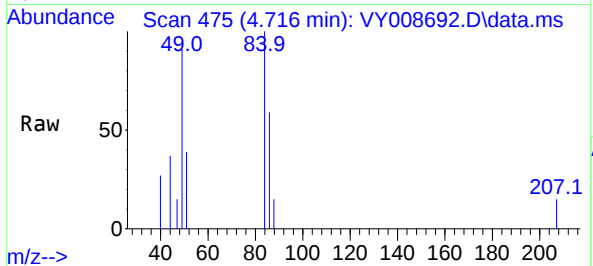




#20
Methylene Chloride
Concen: 4.637 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY008692.D
Acq: 10 May 2022 20:04

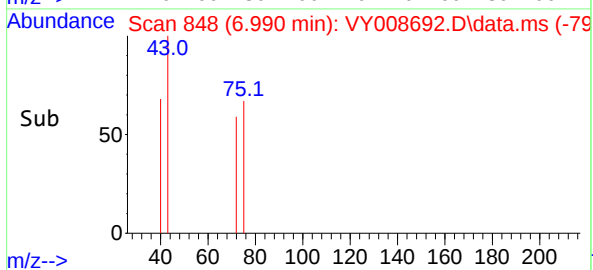
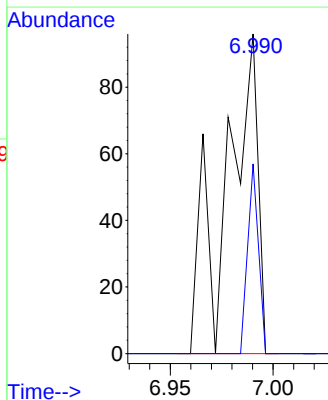
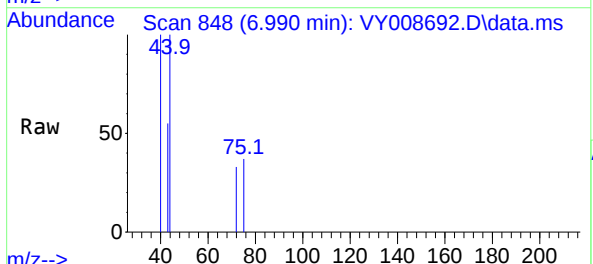
Instrument :
MSVOA_Y
ClientSampleId :
SB17

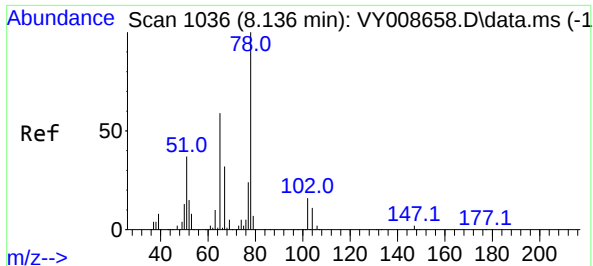
Tgt Ion: 84 Resp: 1681
Ion Ratio Lower Upper
84 100
49 90.5 114.4 171.6#
51 39.4 35.3 52.9
86 59.0 53.7 80.5



#25
2-Butanone
Concen: 1.060 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.012 min
Lab File: VY008692.D
Acq: 10 May 2022 20:04

Tgt Ion: 43 Resp: 104
Ion Ratio Lower Upper
43 100
72 59.4 17.7 26.5#





#33

1,2-Dichloroethane-d4

Concen: 42.061 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY008692.D

Acq: 10 May 2022 20:04

Instrument :

MSVOA_Y

ClientSampleId :

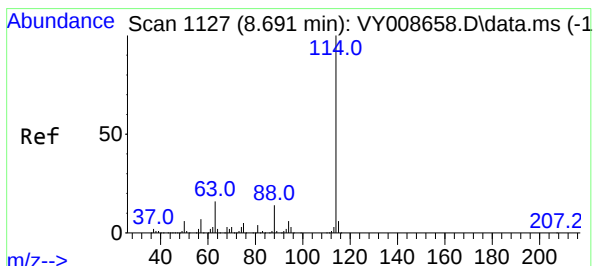
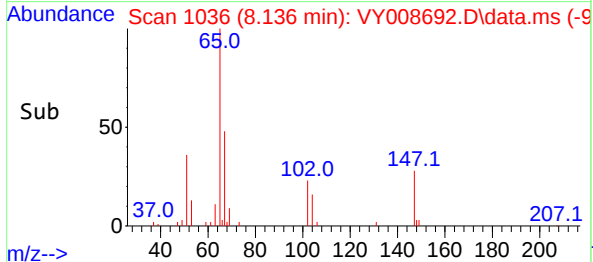
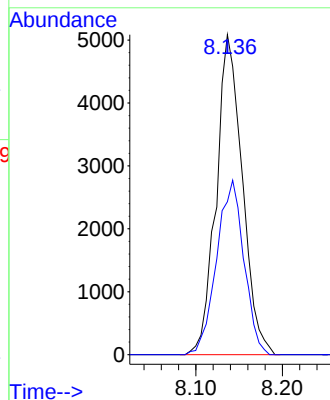
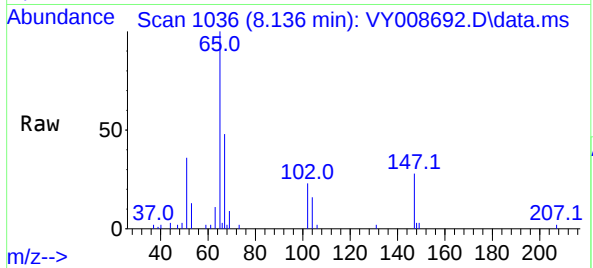
SB17

Tgt Ion: 65 Resp: 10642

Ion Ratio Lower Upper

65 100

67 57.0 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY008692.D

Acq: 10 May 2022 20:04

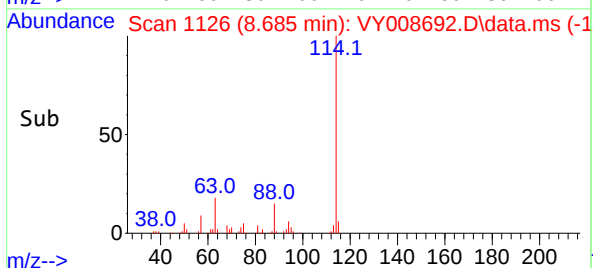
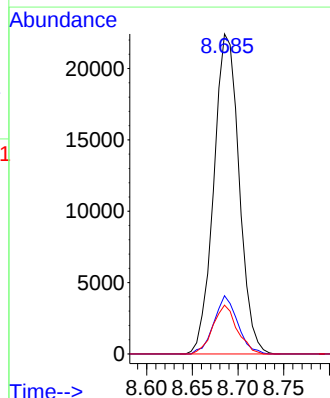
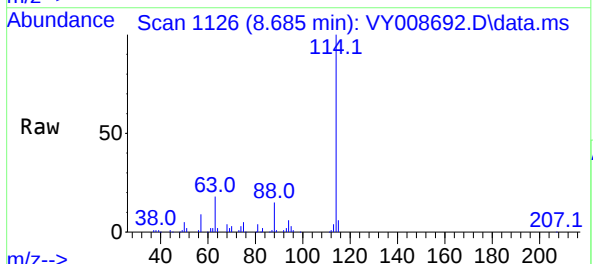
Tgt Ion: 114 Resp: 43267

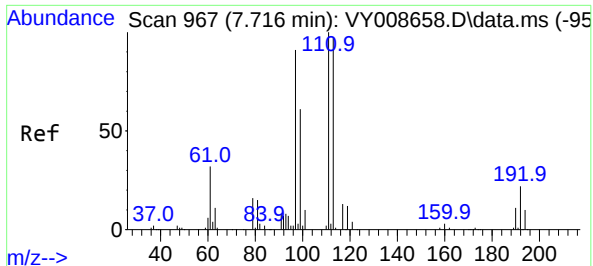
Ion Ratio Lower Upper

114 100

63 18.2 0.0 43.2

88 15.2 0.0 31.8

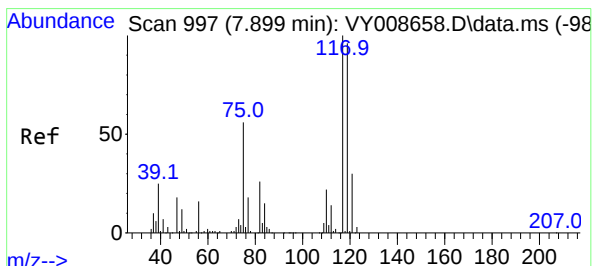
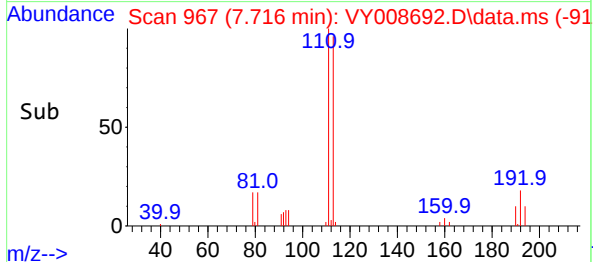
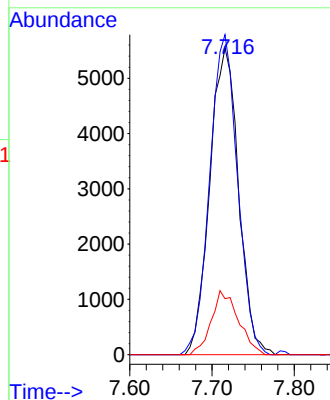
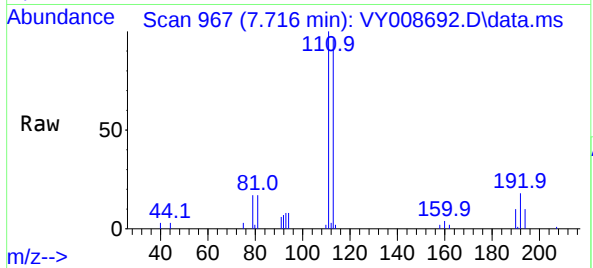




#35
Dibromofluoromethane
Concen: 50.703 ug/l
RT: 7.716 min Scan# 917
Delta R.T. -0.000 min
Lab File: VY008692.D
Acq: 10 May 2022 20:04

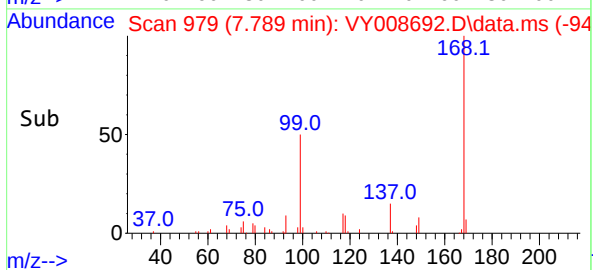
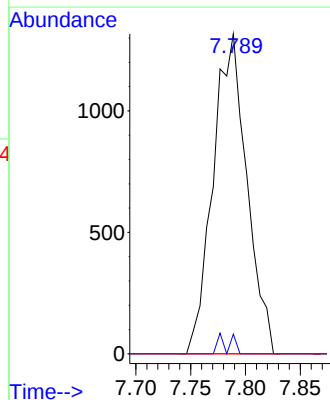
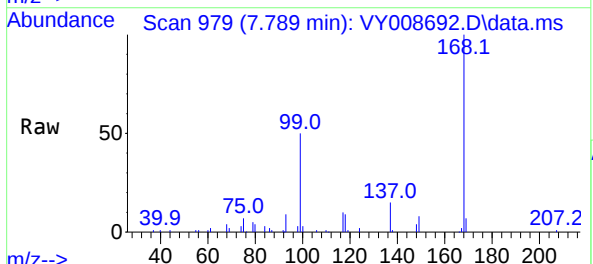
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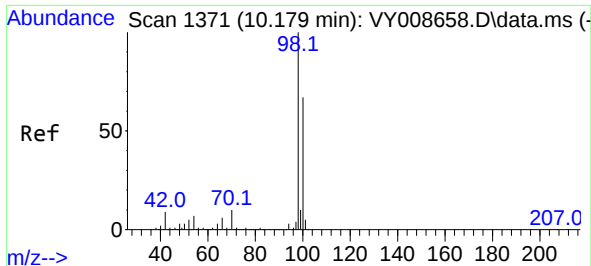
Tgt Ion:	113	Resp:	13519
Ion	Ratio	Lower	Upper
113	100		
111	100.8	82.6	124.0
192	19.7	17.6	26.4



#38
Carbon Tetrachloride
Concen: 6.515 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY008692.D
Acq: 10 May 2022 20:04

Tgt Ion:	117	Resp:	2823
Ion	Ratio	Lower	Upper
117	100		
119	6.2	77.9	116.9#
121	0.0	24.8	37.2#

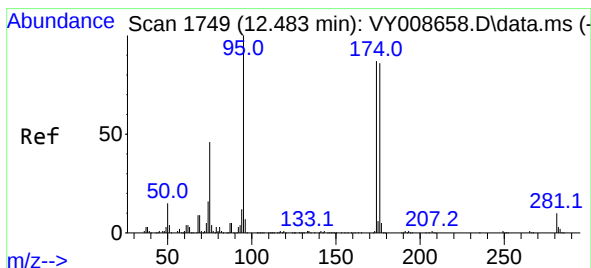
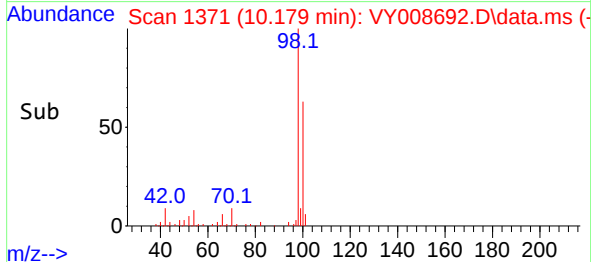
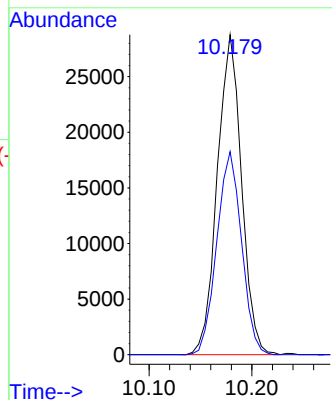
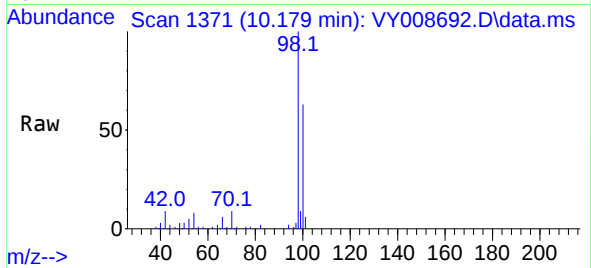




#50
Toluene-d8
Concen: 50.143 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008692.D
Acq: 10 May 2022 20:04

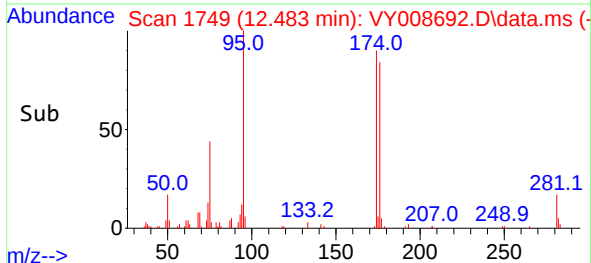
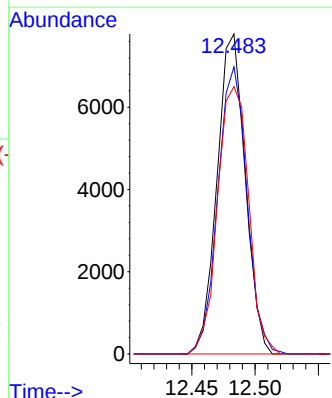
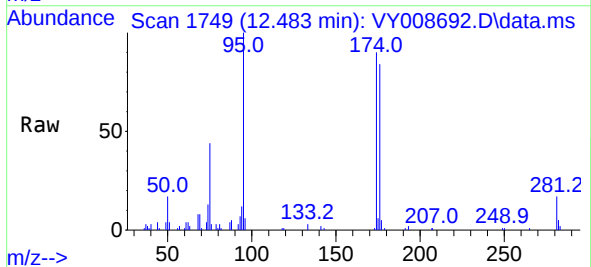
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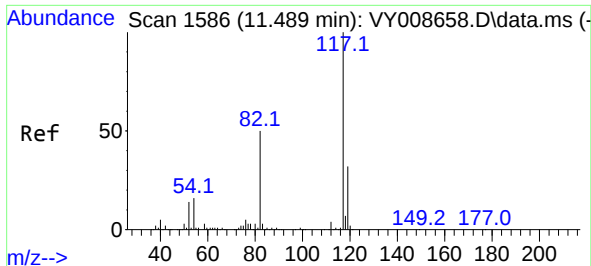
Tgt Ion: 98 Resp: 47114
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 35.662 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008692.D
Acq: 10 May 2022 20:04

Tgt Ion: 95 Resp: 12055
Ion Ratio Lower Upper
95 100
174 92.7 0.0 177.0
176 92.0 0.0 175.8

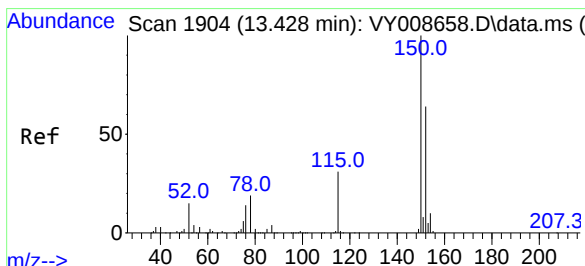
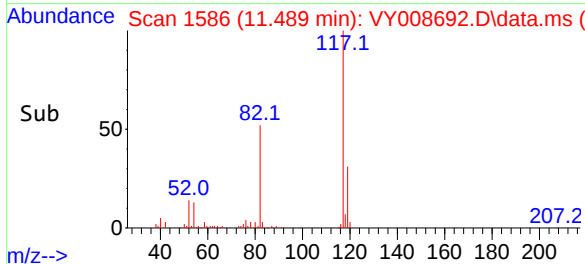
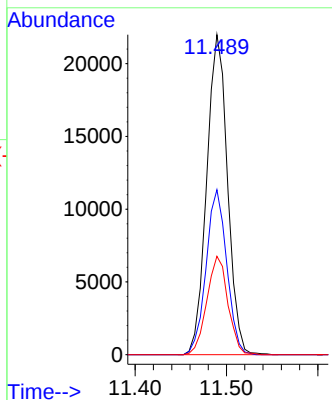
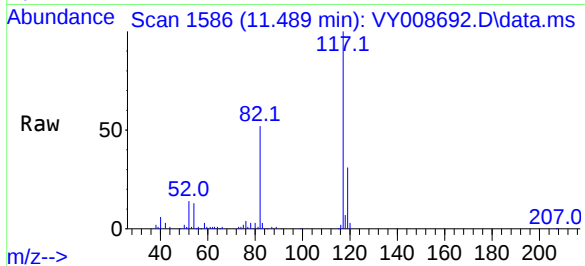




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008692.D
Acq: 10 May 2022 20:04

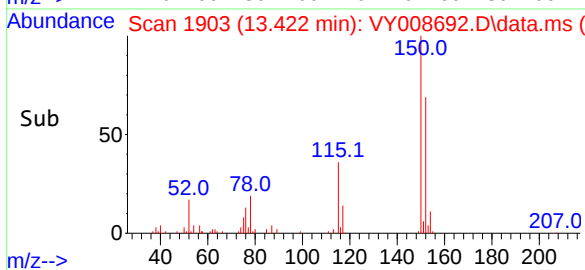
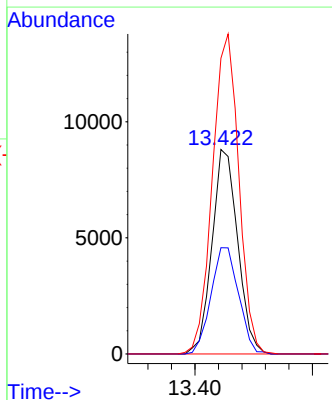
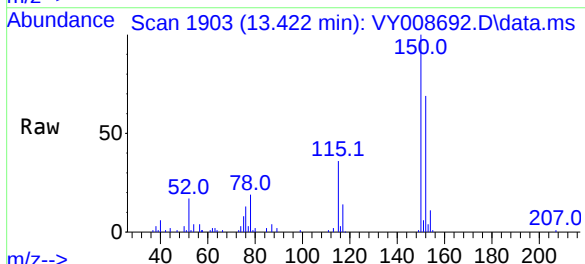
Instrument :
MSVOA_Y
ClientSampleId :
SB17

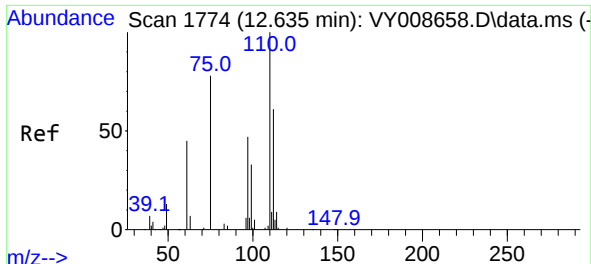
Tgt Ion:	117	Resp:	34812
Ion	Ratio	Lower	Upper
117	100		
82	51.6	43.0	64.4
119	30.8	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY008692.D
Acq: 10 May 2022 20:04

Tgt Ion:	152	Resp:	13386
Ion	Ratio	Lower	Upper
152	100		
115	55.8	28.2	84.7
150	160.5	0.0	347.6

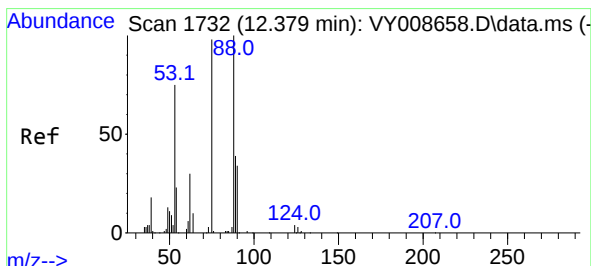
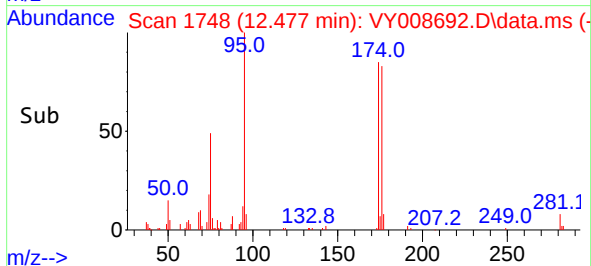
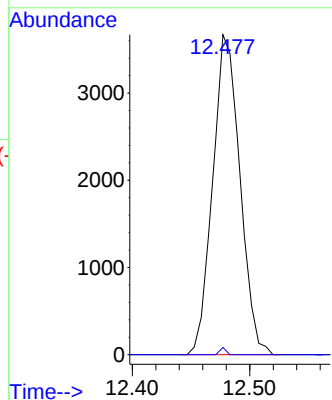
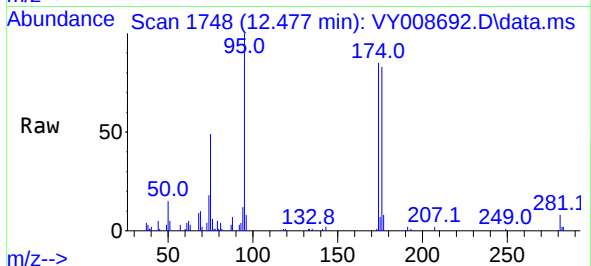




#76
1,2,3-Trichloropropane
Concen: 39.133 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.158 min
Lab File: VY008692.D
Acq: 10 May 2022 20:04

Instrument :
MSVOA_Y
ClientSampleId :
SB17

Tgt Ion: 75 Resp: 5905
Ion Ratio Lower Upper
75 100
77 0.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.857 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY008692.D
Acq: 10 May 2022 20:04

Tgt Ion: 75 Resp: 5905
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

