

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022522\
 Data File : VY007637.D
 Acq On : 25 Feb 2022 15:24
 Operator : SY/MD
 Sample : N1664-04
 Misc : 3.98g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2

Quant Time: Feb 27 23:57:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022322S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 24 07:13:58 2022
 Response via : Initial Calibration

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

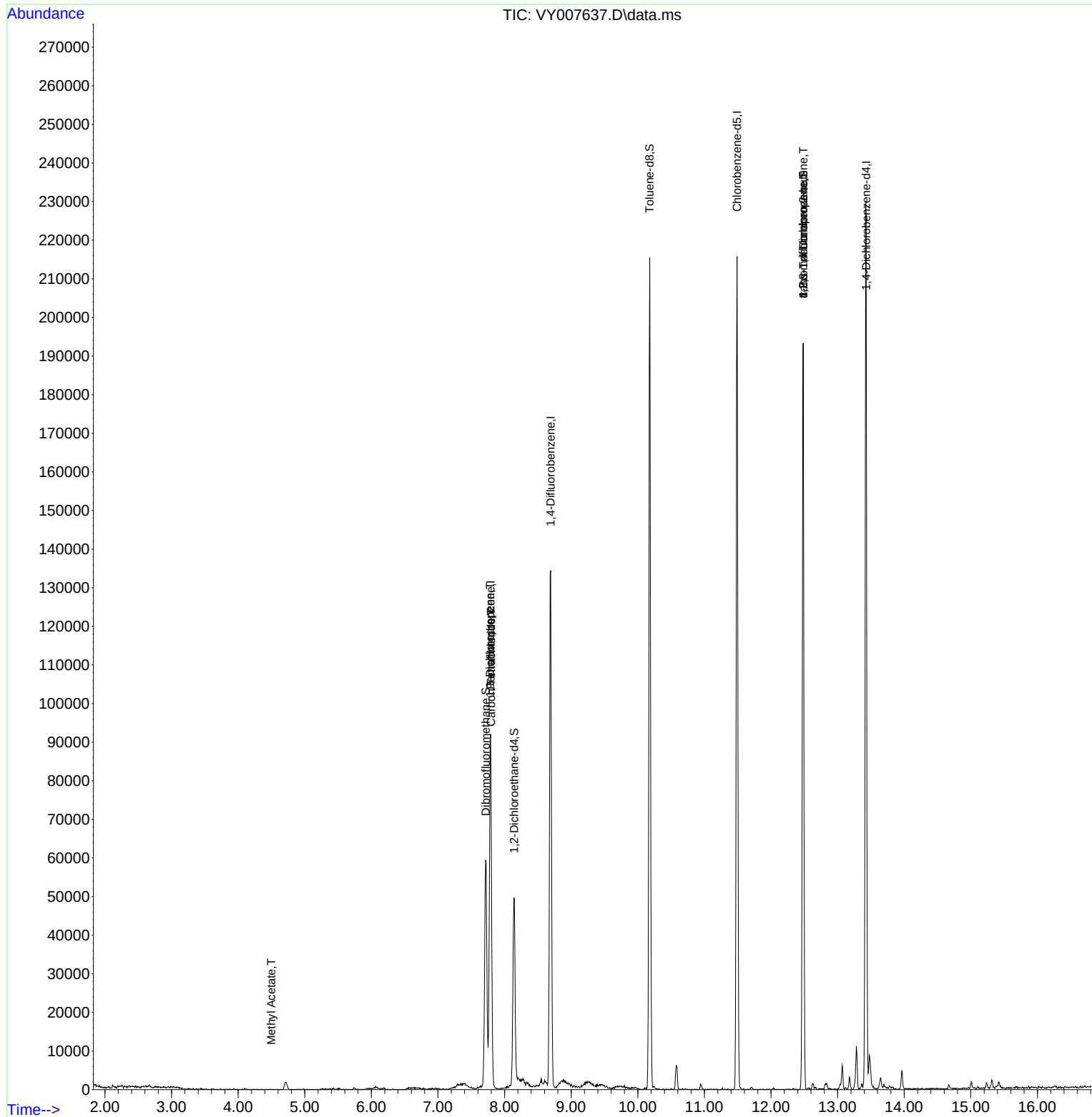
Internal Standards						
1) Pentafluorobenzene	7.789	168	69141	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	115347	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	115454	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	58252	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	38447	49.985	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.980%
35) Dibromofluoromethane	7.716	113	36783	50.538	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.080%
50) Toluene-d8	10.179	98	136022	50.474	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.940%
62) 4-Bromofluorobenzene	12.483	95	48946	53.185	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.360%
Target Compounds						
					Qvalue	
5) Bromomethane	2.656	94	351	Below Cal	#	45
18) Methyl Acetate	4.497	43	41	1.349	ug/l #	56
20) Methylene Chloride	4.722	84	1661	Below Cal	#	68
31) Cyclohexane	7.789	56	1602	Below Cal	#	54
36) 1,1-Dichloropropene	7.783	75	4833	4.608	ug/l #	54
38) Carbon Tetrachloride	7.795	117	7132	4.644	ug/l #	19
76) 1,2,3-Trichloropropane	12.483	75	30359	52.109	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	30359	112.043	ug/l #	7

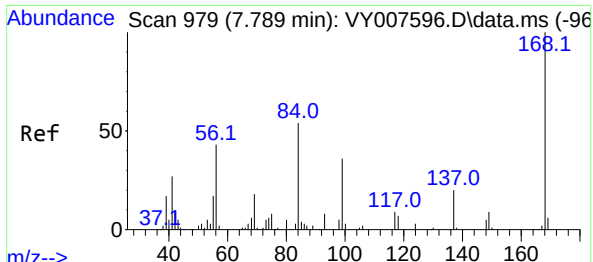
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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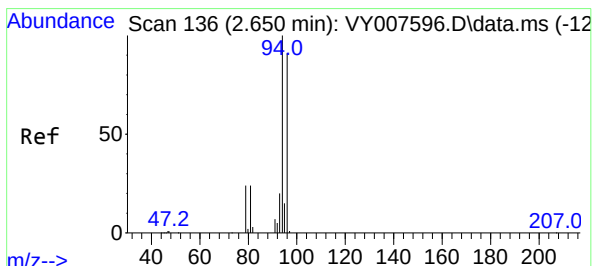
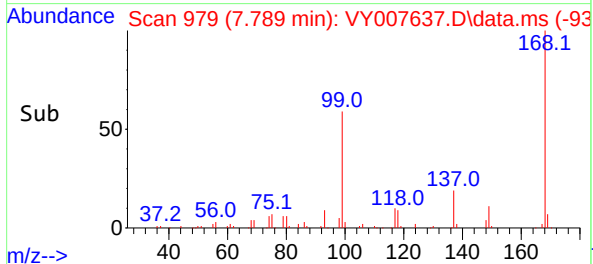
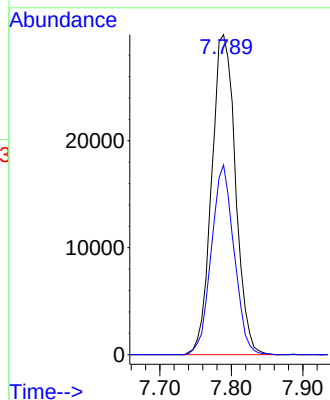
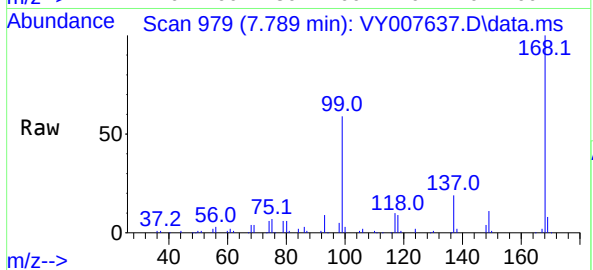




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007637.D
Acq: 25 Feb 2022 15:24

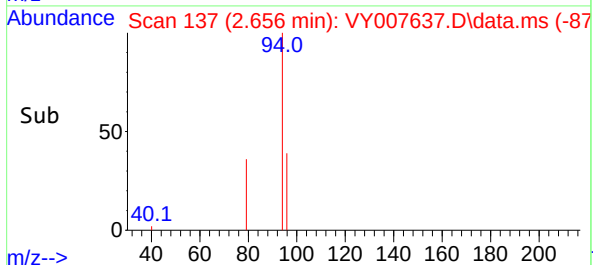
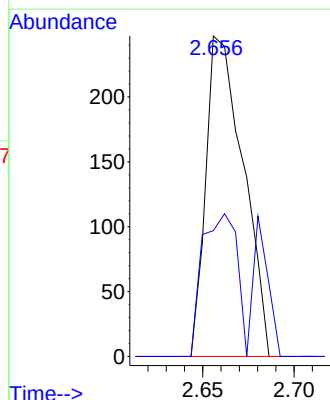
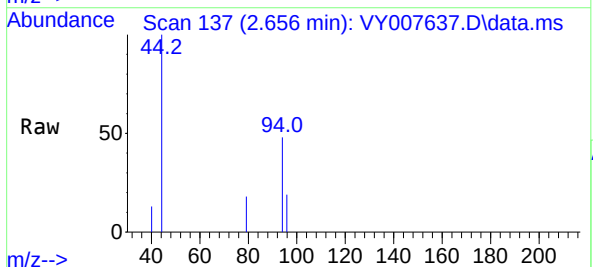
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

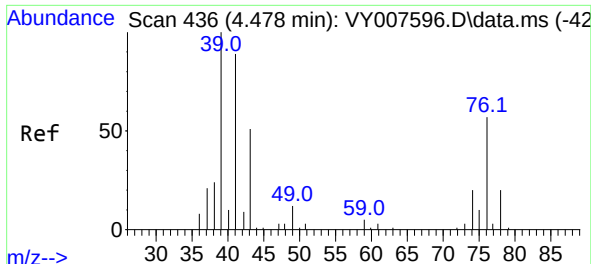
Tgt Ion:168 Resp: 69141
Ion Ratio Lower Upper
168 100
99 59.3 46.9 70.3



#5
Bromomethane
Concen: Below Cal
RT: 2.656 min Scan# 137
Delta R.T. 0.006 min
Lab File: VY007637.D
Acq: 25 Feb 2022 15:24

Tgt Ion: 94 Resp: 351
Ion Ratio Lower Upper
94 100
96 39.3 73.5 110.3#

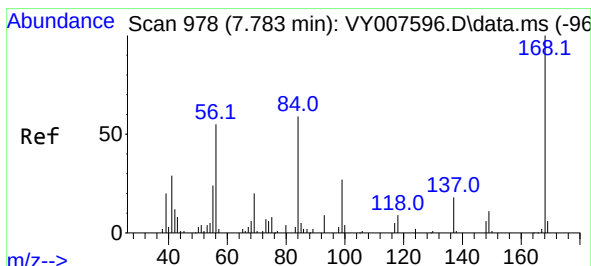
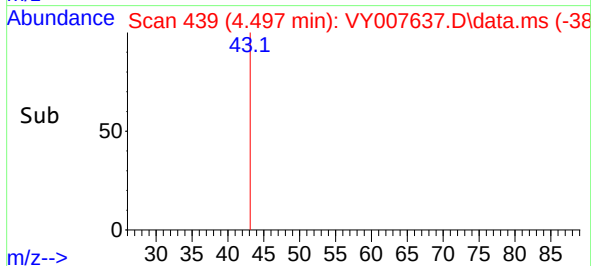
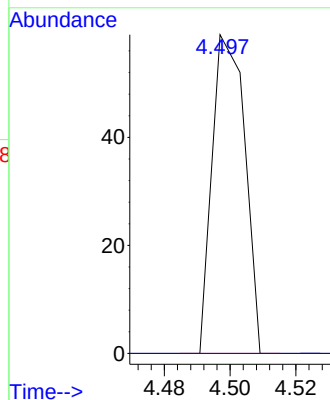
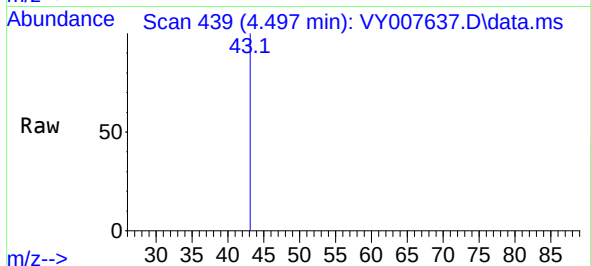




#18
Methyl Acetate
Concen: 1.349 ug/l
RT: 4.497 min Scan# 41
Delta R.T. 0.019 min
Lab File: VY007637.D
Acq: 25 Feb 2022 15:24

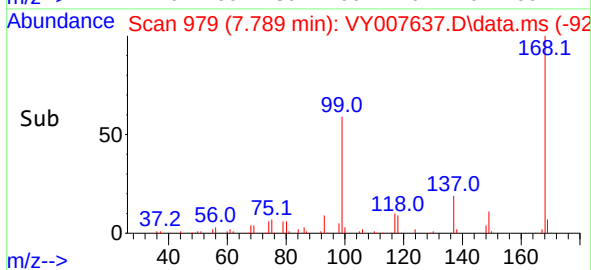
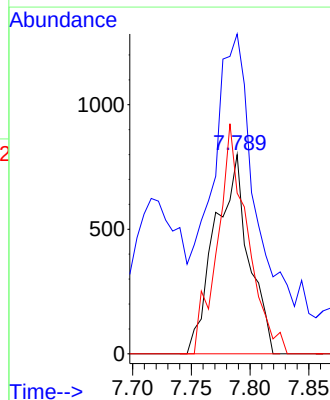
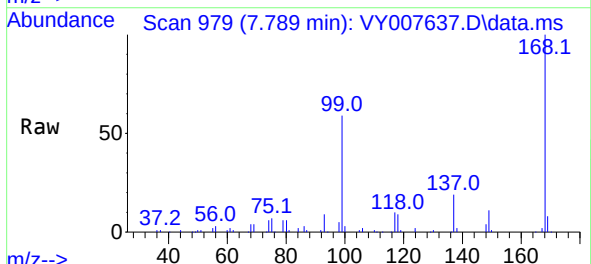
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

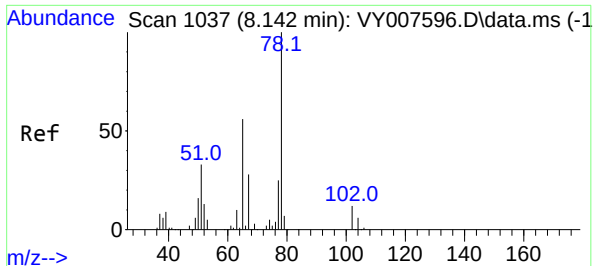
Tgt Ion: 43 Resp: 41
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#31
Cyclohexane
Concen: Below Cal
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY007637.D
Acq: 25 Feb 2022 15:24

Tgt Ion: 56 Resp: 1602
Ion Ratio Lower Upper
56 100
69 119.4 26.7 40.1#
84 80.6 67.2 100.8

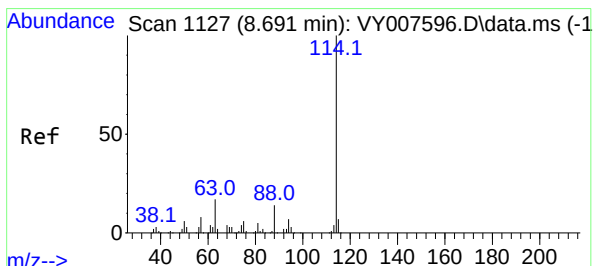
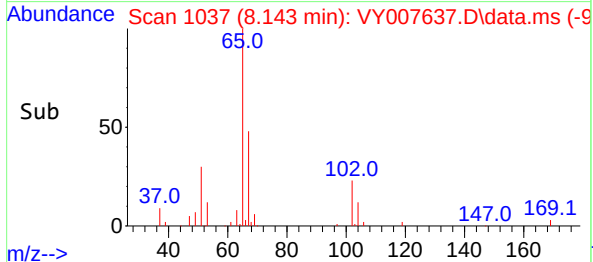
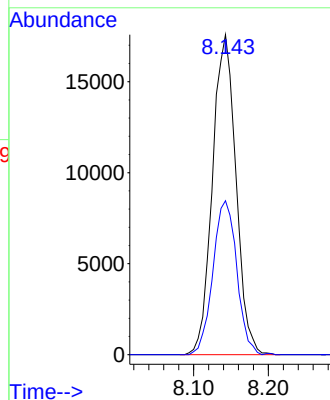
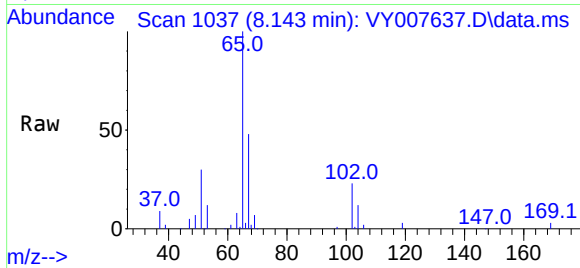




#33
1,2-Dichloroethane-d4
Concen: 49.985 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY007637.D
Acq: 25 Feb 2022 15:24

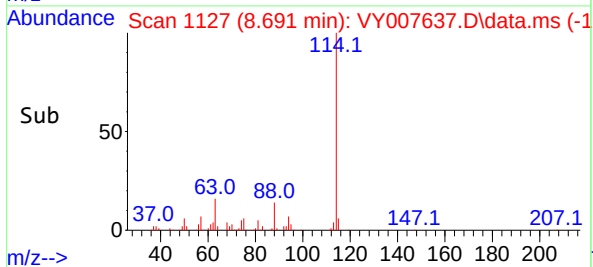
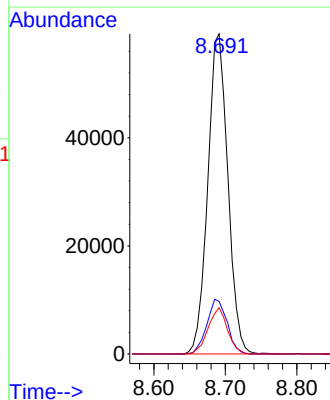
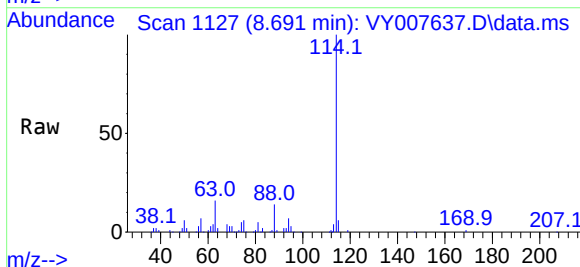
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

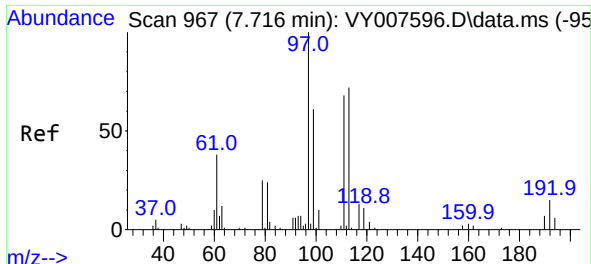
Tgt Ion: 65 Resp: 38447
Ion Ratio Lower Upper
65 100
67 48.9 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007637.D
Acq: 25 Feb 2022 15:24

Tgt Ion:114 Resp: 115347
Ion Ratio Lower Upper
114 100
63 16.4 0.0 43.2
88 14.5 0.0 31.8

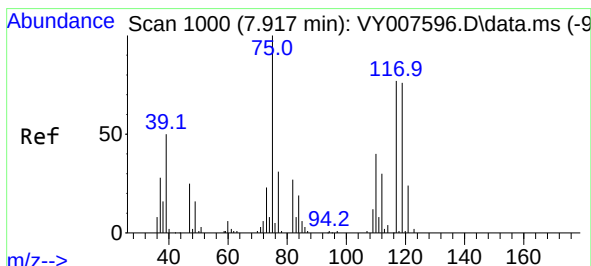
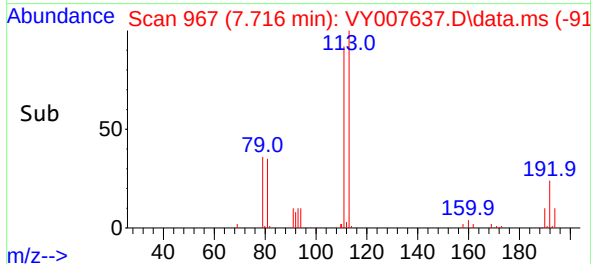
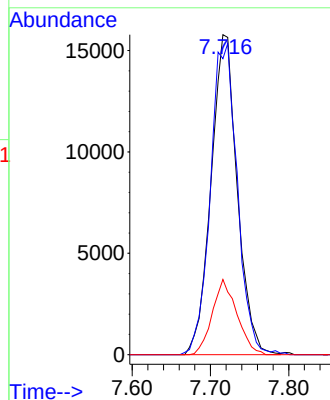
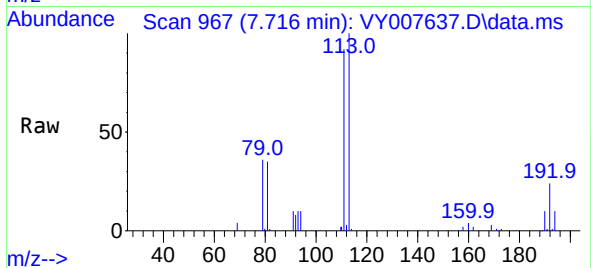




#35
Dibromofluoromethane
Concen: 50.538 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007637.D
Acq: 25 Feb 2022 15:24

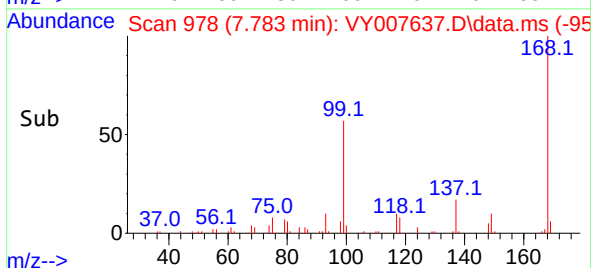
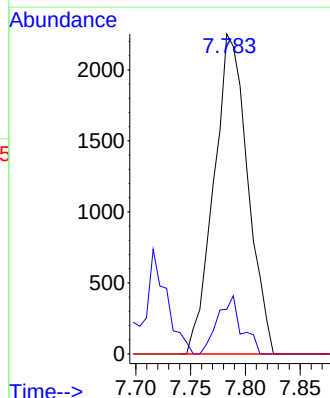
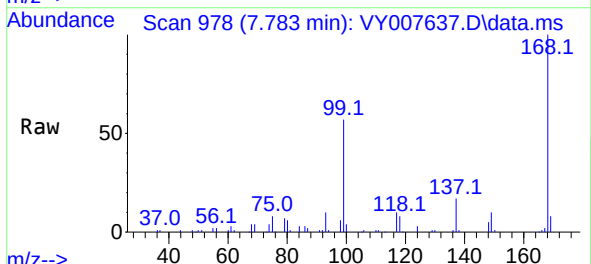
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

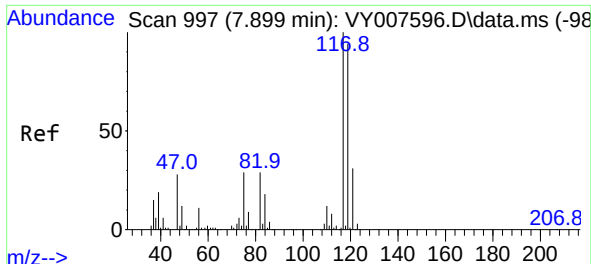
Tgt Ion:113 Resp: 36783
Ion Ratio Lower Upper
113 100
111 99.6 82.6 124.0
192 22.0 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.608 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY007637.D
Acq: 25 Feb 2022 15:24

Tgt Ion: 75 Resp: 4833
Ion Ratio Lower Upper
75 100
110 12.8 17.1 51.2#
77 0.0 24.4 36.6#

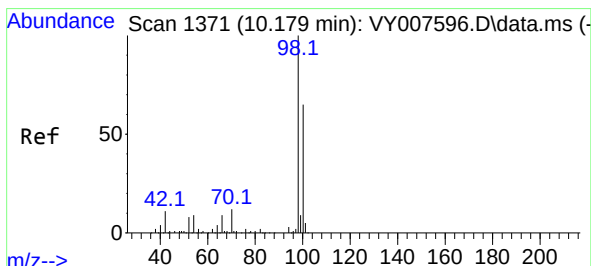
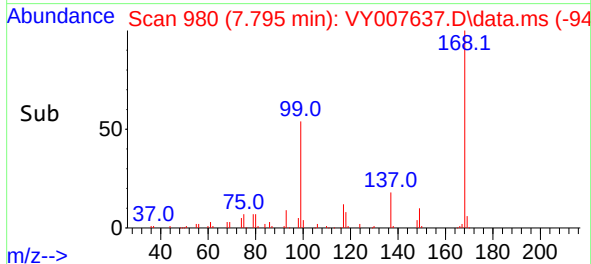
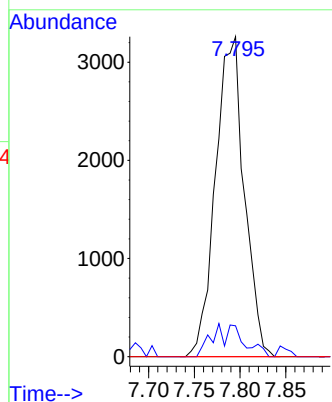
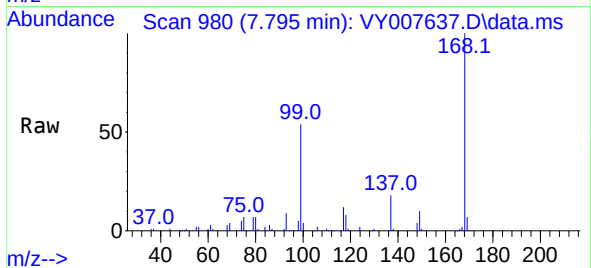




#38
Carbon Tetrachloride
Concen: 4.644 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY007637.D
Acq: 25 Feb 2022 15:24

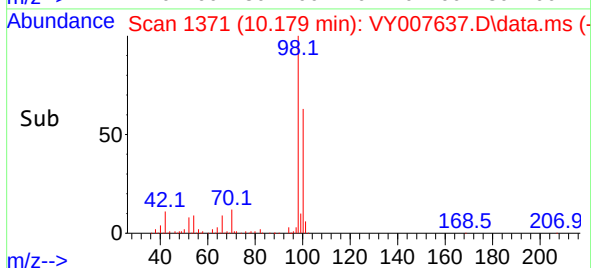
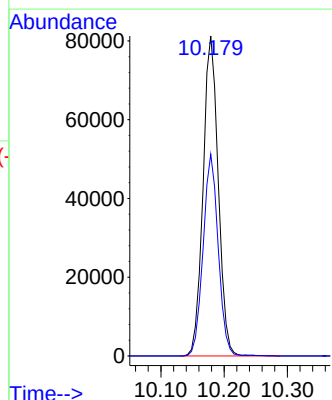
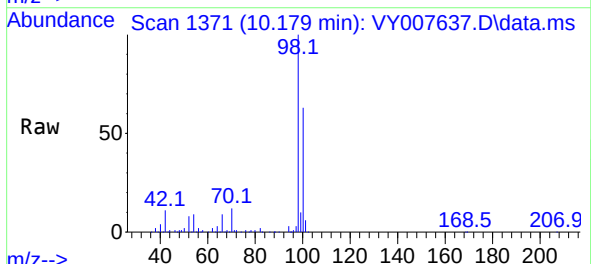
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

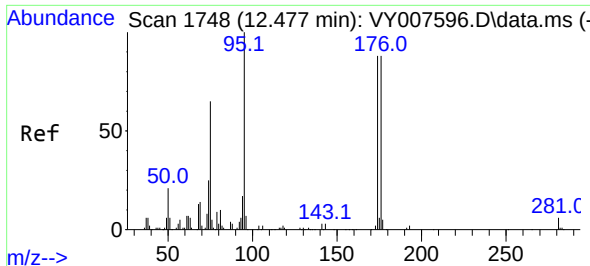
Tgt Ion:117 Resp: 7132
Ion Ratio Lower Upper
117 100
119 9.7 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 50.474 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007637.D
Acq: 25 Feb 2022 15:24

Tgt Ion: 98 Resp: 136022
Ion Ratio Lower Upper
98 100
100 62.4 50.2 75.2

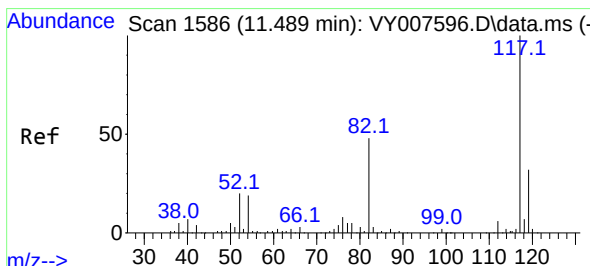
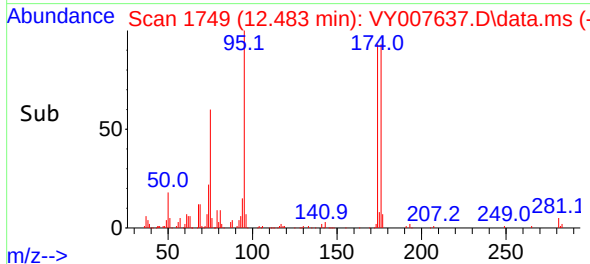
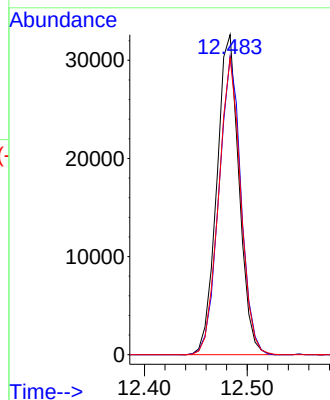
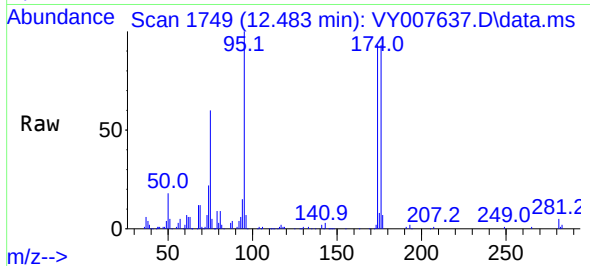




#62
4-Bromofluorobenzene
Concen: 53.185 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY007637.D
Acq: 25 Feb 2022 15:24

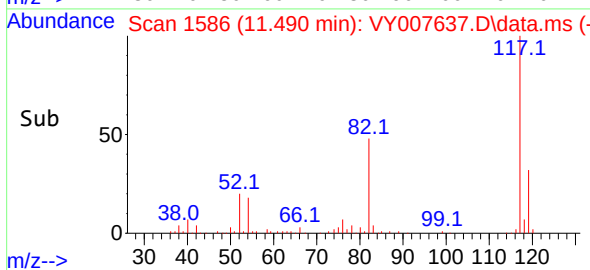
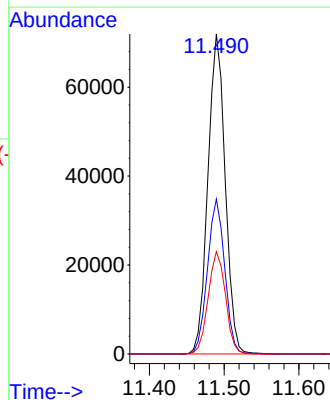
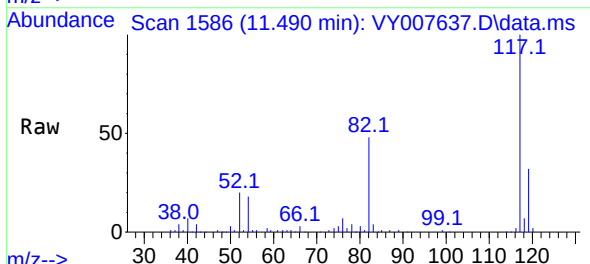
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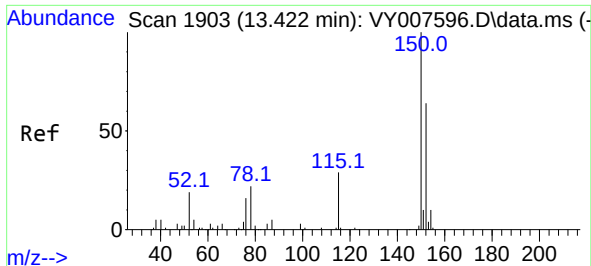
Tgt Ion:	95	Resp:	48946
Ion	Ratio	Lower	Upper
95	100		
174	92.7	0.0	177.0
176	91.7	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY007637.D
Acq: 25 Feb 2022 15:24

Tgt Ion:	117	Resp:	115454
Ion	Ratio	Lower	Upper
117	100		
82	48.4	43.0	64.4
119	32.0	25.4	38.0

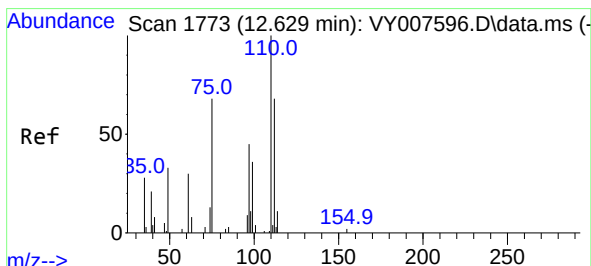
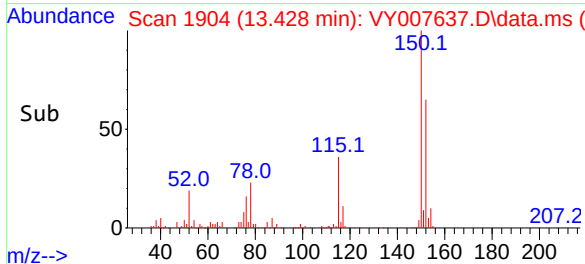
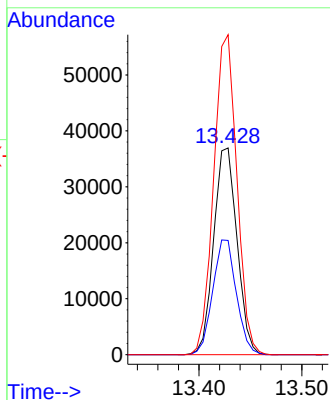
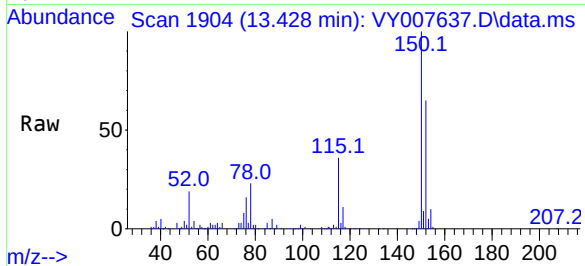




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VY007637.D
Acq: 25 Feb 2022 15:24

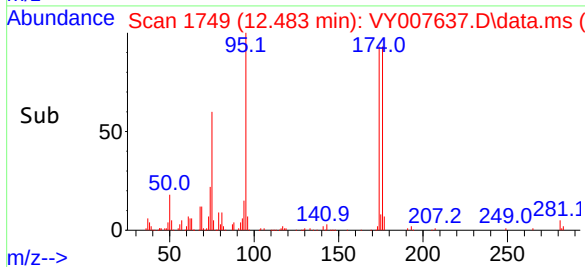
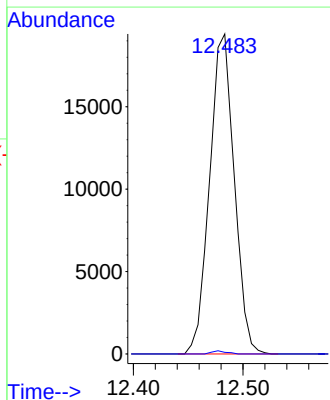
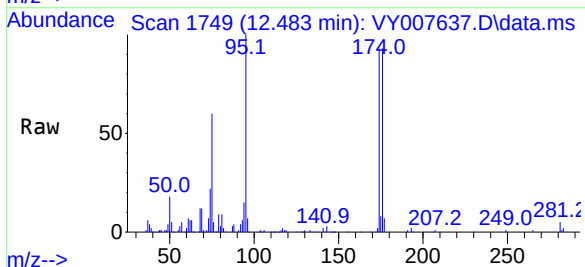
Instrument :
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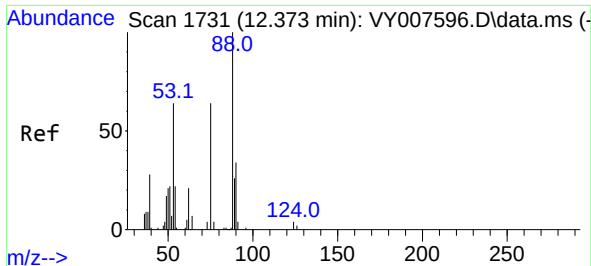
Tgt Ion:152 Resp: 58252
Ion Ratio Lower Upper
152 100
115 56.2 28.2 84.7
150 153.6 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 52.109 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY007637.D
Acq: 25 Feb 2022 15:24

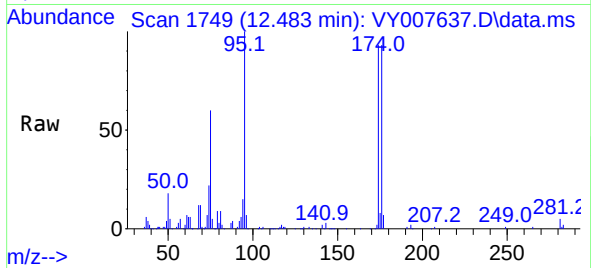
Tgt Ion: 75 Resp: 30359
Ion Ratio Lower Upper
75 100
77 0.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 112.043 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VY007637.D
 Acq: 25 Feb 2022 15:24

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2



Tgt Ion: 75 Resp: 30359
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.2 37.0 55.4#

