

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090722\
 Data File : VY010368.D
 Acq On : 07 Sep 2022 13:40
 Operator : KP/MD
 Sample : N4474-02
 Misc : 5.89g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BEACONPOINT-BF-VOC-02

Quant Time: Sep 08 03:43:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 16:41:46 2022
 Response via : Initial Calibration

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

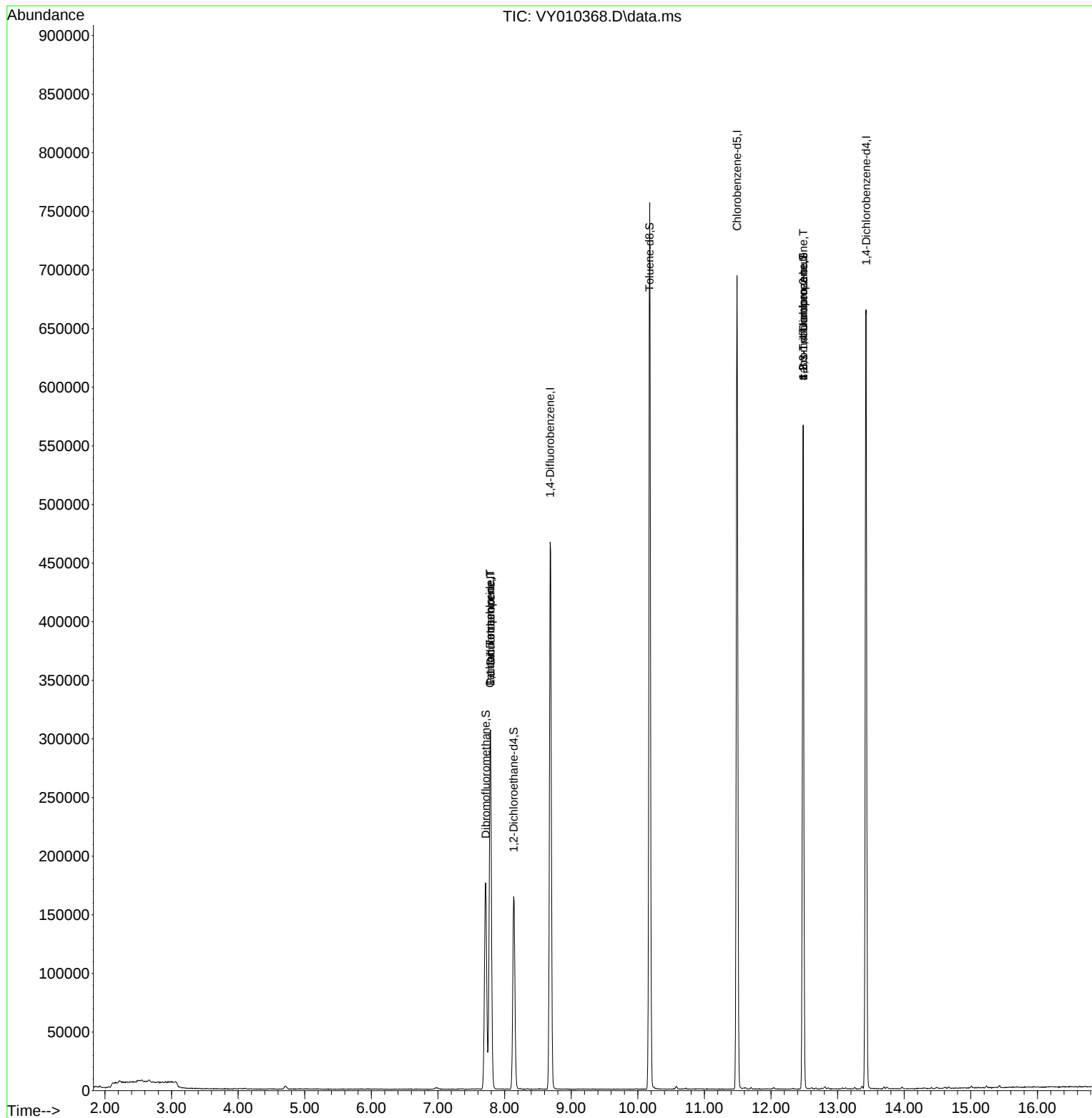
Internal Standards						
1) Pentafluorobenzene	7.789	168	249246	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	416114	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	384335	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	179499	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	130066	50.892	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.780%	
35) Dibromofluoromethane	7.716	113	124754	45.035	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 90.080%	
50) Toluene-d8	10.179	98	489818	52.813	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.620%	
62) 4-Bromofluorobenzene	12.483	95	166277	44.011	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 88.020%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.650	94	638	Below Cal	#	78
36) 1,1-Dichloropropene	7.789	75	17787	4.376	ug/l #	51
38) Carbon Tetrachloride	7.783	117	23415	5.590	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	84239	39.436	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	84239	82.267	ug/l #	7

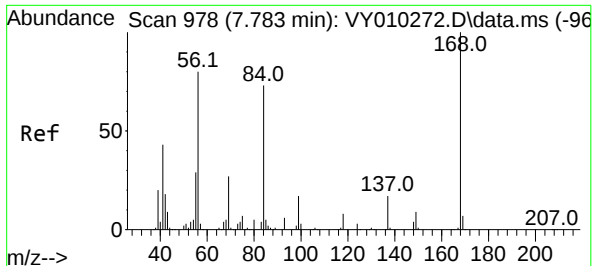
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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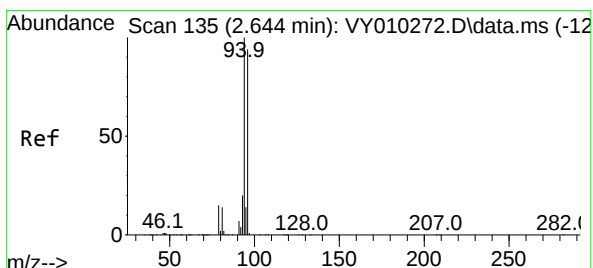
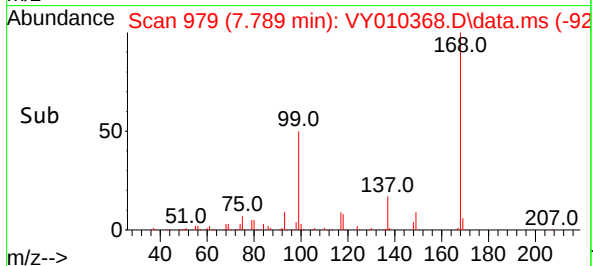
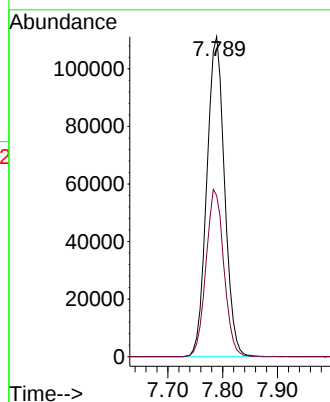
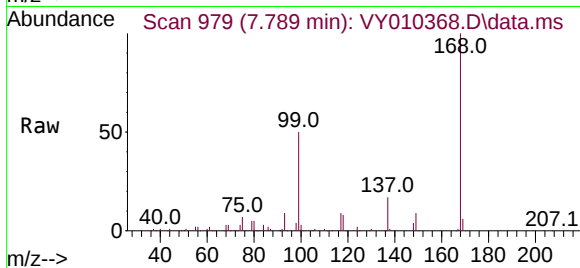




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010368.D
Acq: 07 Sep 2022 13:40

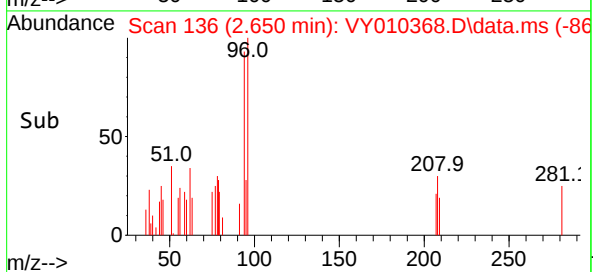
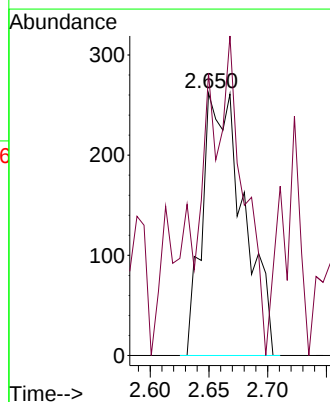
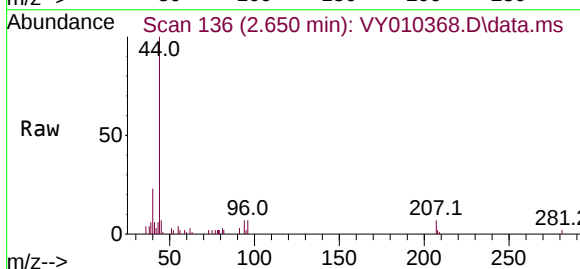
Instrument :
MSVOA_Y
ClientSampleId :
BEACONPOINT-BF-VOC-02

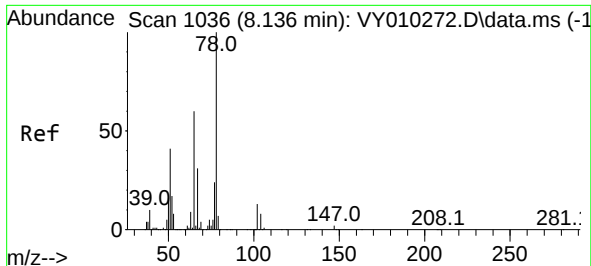
Tgt Ion:168 Resp: 249246
Ion Ratio Lower Upper
168 100
99 50.4 46.9 70.3



#5
Bromomethane
Concen: Below Cal
RT: 2.650 min Scan# 136
Delta R.T. 0.006 min
Lab File: VY010368.D
Acq: 07 Sep 2022 13:40

Tgt Ion: 94 Resp: 638
Ion Ratio Lower Upper
94 100
96 70.6 73.5 110.3#





#33

1,2-Dichloroethane-d4

Concen: 50.892 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY010368.D

Acq: 07 Sep 2022 13:40

Instrument :

MSVOA_Y

ClientSampleId :

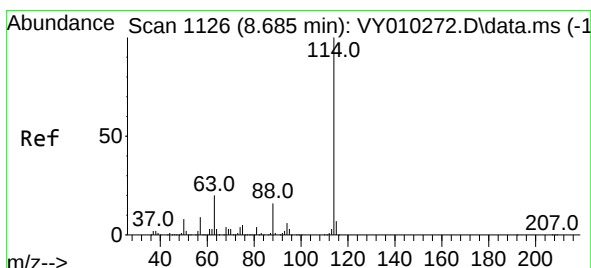
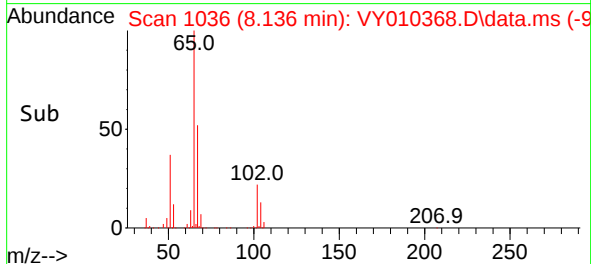
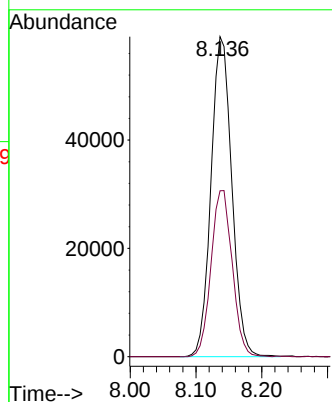
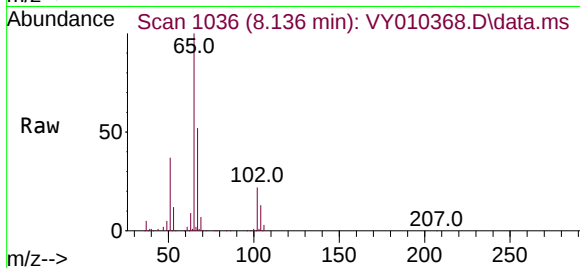
BEACONPOINT-BF-VOC-02

Tgt Ion: 65 Resp: 130066

Ion Ratio Lower Upper

65 100

67 52.9 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: VY010368.D

Acq: 07 Sep 2022 13:40

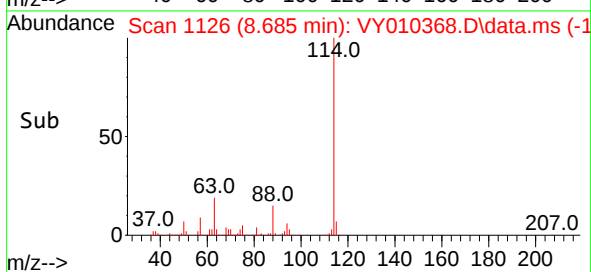
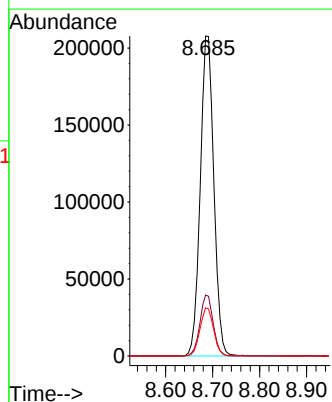
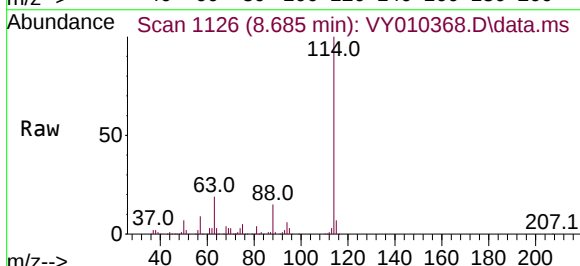
Tgt Ion: 114 Resp: 416114

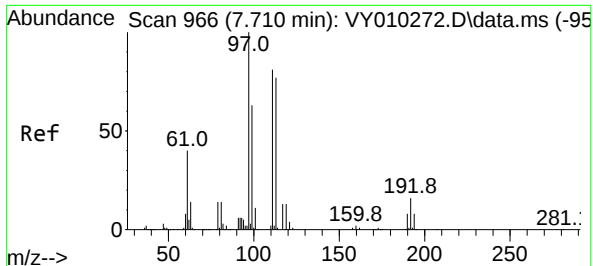
Ion Ratio Lower Upper

114 100

63 19.1 0.0 43.2

88 15.1 0.0 31.8

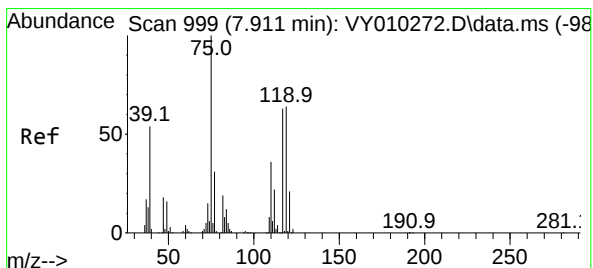
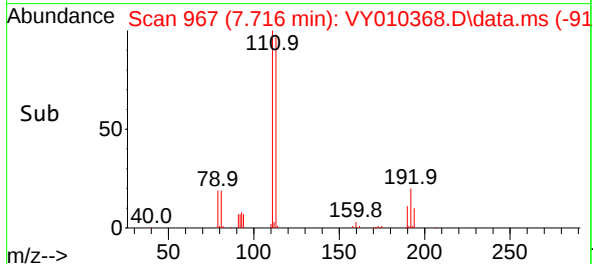
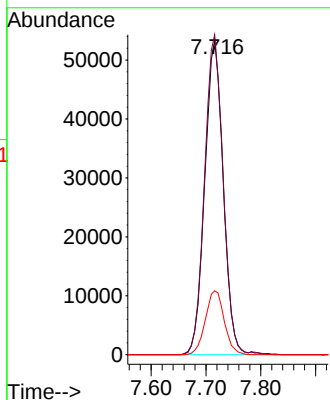
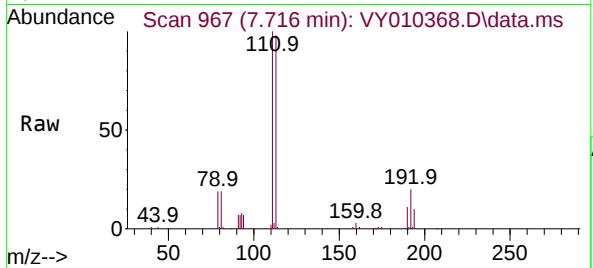




#35
Dibromofluoromethane
Concen: 45.035 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY010368.D
Acq: 07 Sep 2022 13:40

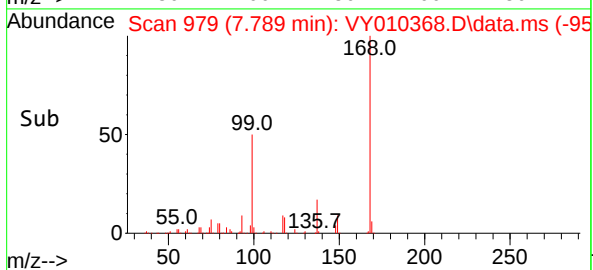
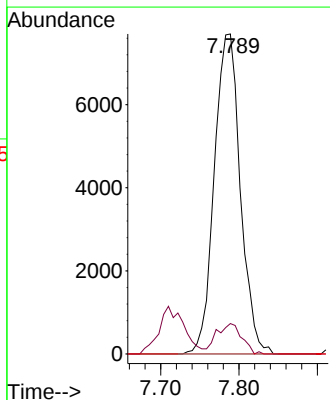
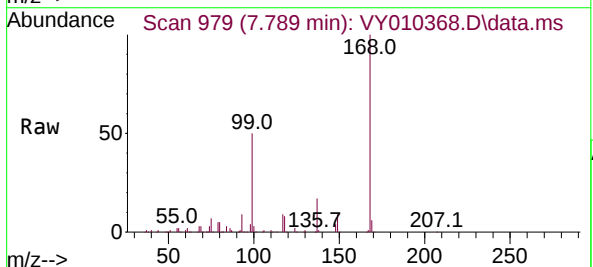
Instrument :
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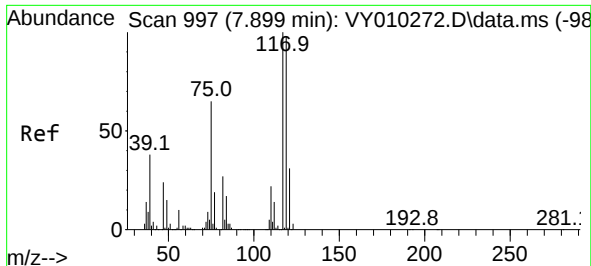
Tgt Ion:113 Resp: 124754
Ion Ratio Lower Upper
113 100
111 102.2 82.6 124.0
192 20.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.376 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY010368.D
Acq: 07 Sep 2022 13:40

Tgt Ion: 75 Resp: 17787
Ion Ratio Lower Upper
75 100
110 9.1 17.1 51.2#
77 0.0 24.4 36.6#

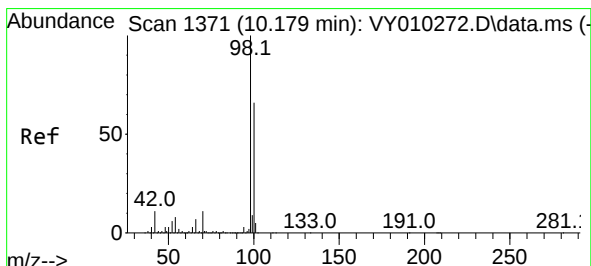
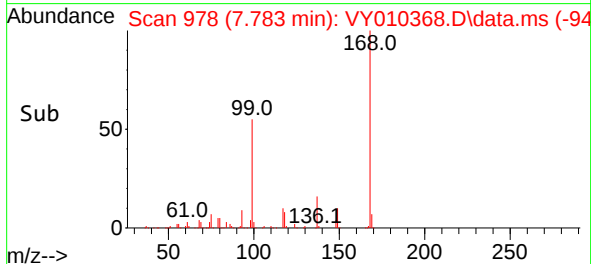
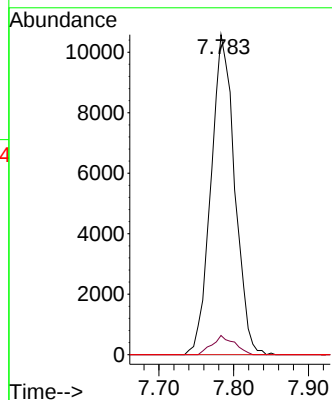
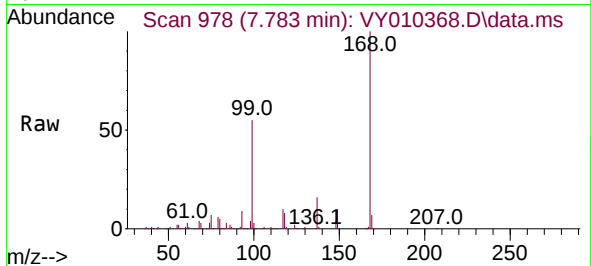




#38
Carbon Tetrachloride
Concen: 5.590 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY010368.D
Acq: 07 Sep 2022 13:40

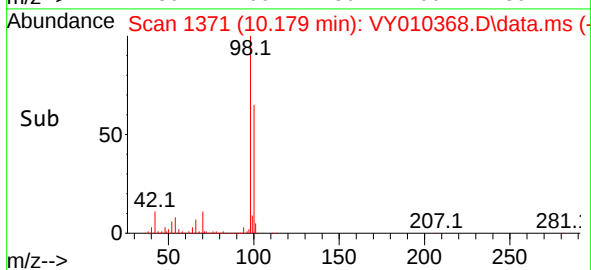
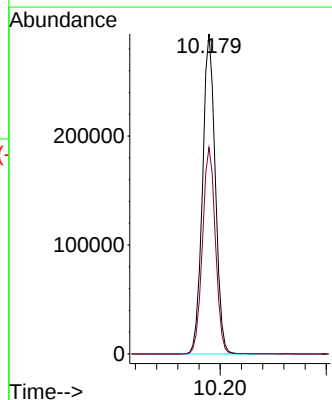
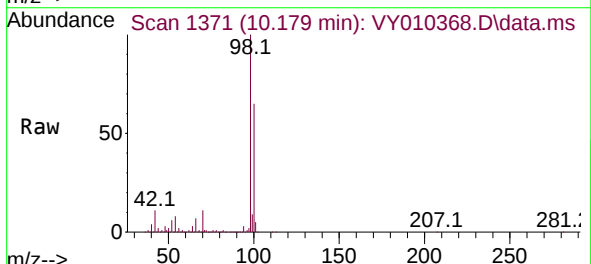
Instrument :
MSVOA_Y
ClientSampleId :
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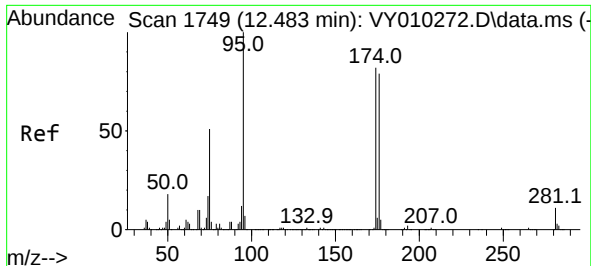
Tgt Ion:117 Resp: 23415
Ion Ratio Lower Upper
117 100
119 6.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.813 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010368.D
Acq: 07 Sep 2022 13:40

Tgt Ion: 98 Resp: 489818
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2

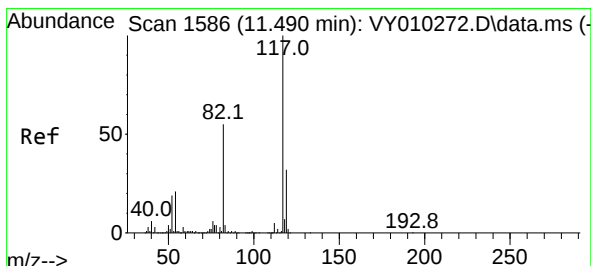
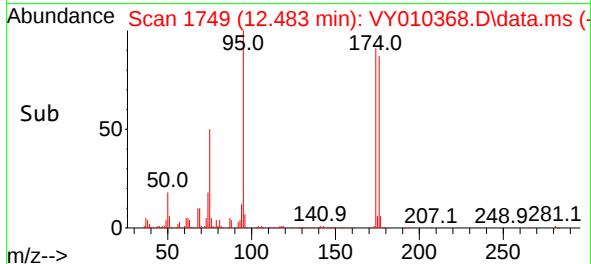
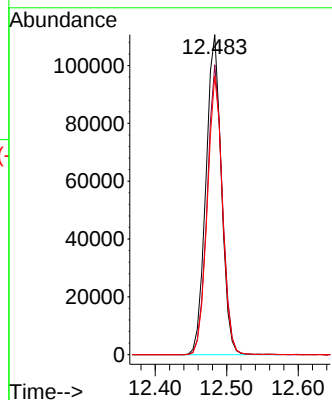
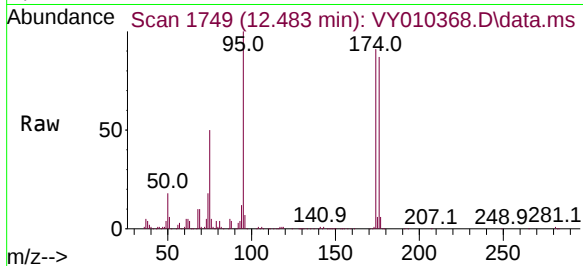




#62
4-Bromofluorobenzene
Concen: 44.011 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010368.D
Acq: 07 Sep 2022 13:40

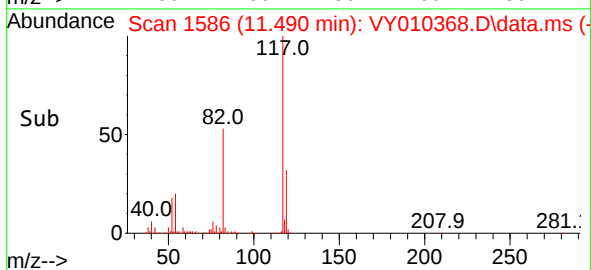
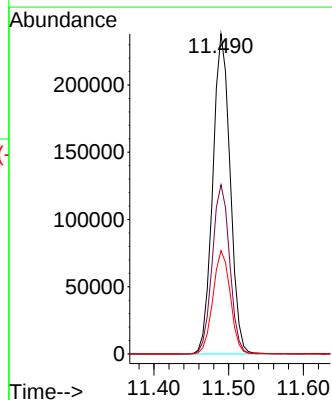
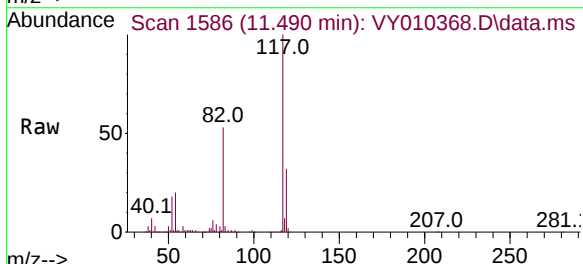
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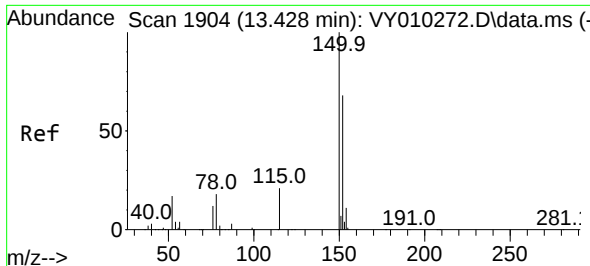
Tgt Ion: 95 Resp: 166277
Ion Ratio Lower Upper
95 100
174 88.9 0.0 177.0
176 85.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY010368.D
Acq: 07 Sep 2022 13:40

Tgt Ion: 117 Resp: 384335
Ion Ratio Lower Upper
117 100
82 52.9 43.0 64.4
119 32.3 25.4 38.0

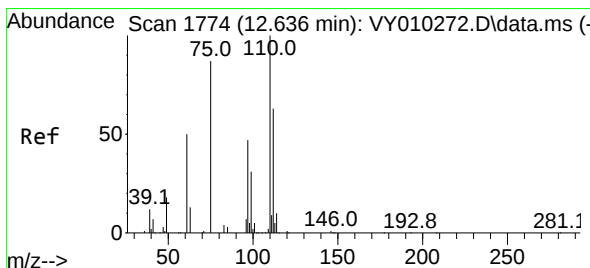
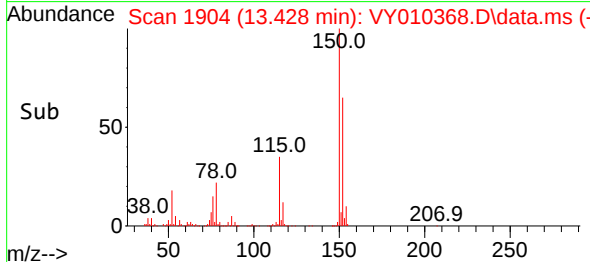
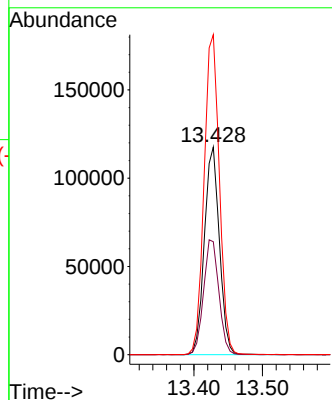
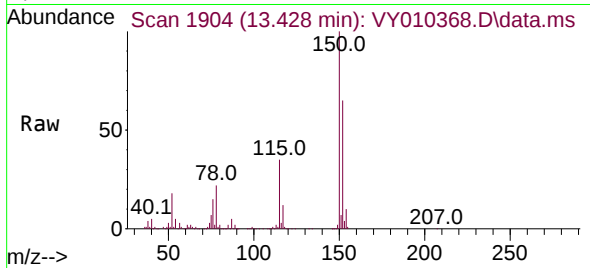




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY010368.D
 Acq: 07 Sep 2022 13:40

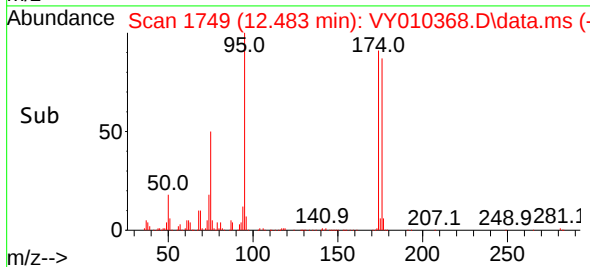
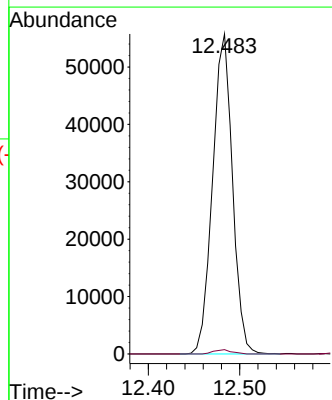
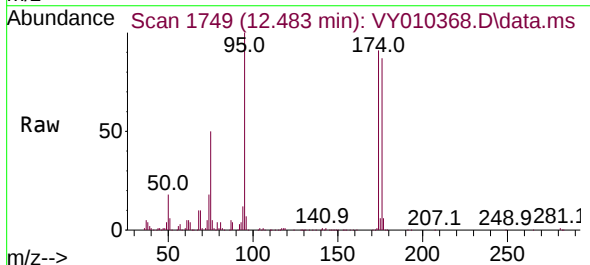
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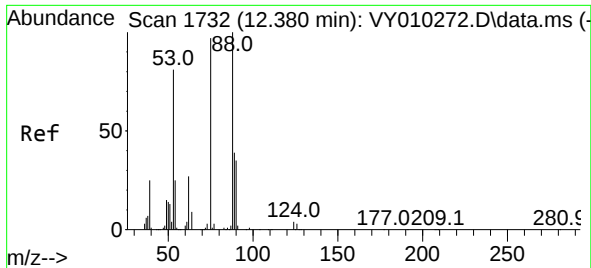
Tgt Ion:152 Resp: 179499
 Ion Ratio Lower Upper
 152 100
 115 56.4 28.2 84.7
 150 156.8 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 39.436 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY010368.D
 Acq: 07 Sep 2022 13:40

Tgt Ion: 75 Resp: 84239
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.267 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY010368.D
 Acq: 07 Sep 2022 13:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 BEACONPOINT-BF-VOC-02

Tgt Ion: 75 Resp: 84239
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

