

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110623\
 Data File : VY016232.D
 Acq On : 06 Nov 2023 13:20
 Operator : SY/MD
 Sample : 05237-02
 Misc : 5.35g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 11TH-ST-1

Quant Time: Nov 06 23:56:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 2023
 Response via : Initial Calibration

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

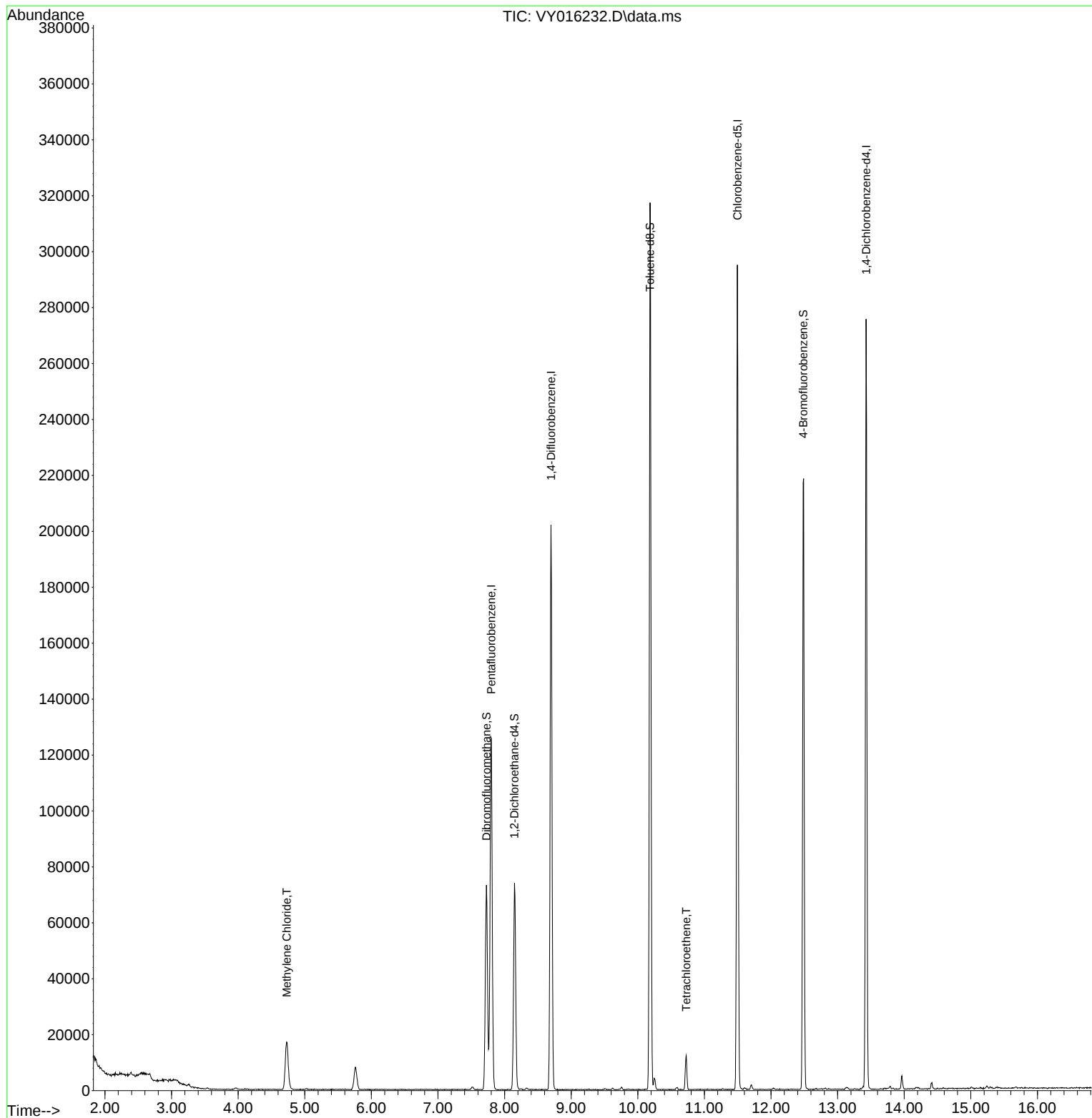
Internal Standards						
1) Pentafluorobenzene	7.801	168	101302	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	175605	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	161763	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	70310	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	57180	60.322	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.640%
35) Dibromofluoromethane	7.728	113	51548	49.238	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.480%
50) Toluene-d8	10.185	98	206447	49.737	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.480%
62) 4-Bromofluorobenzene	12.483	95	67451	47.523	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.040%
Target Compounds						
20) Methylene Chloride	4.728	84	13818	12.018	ug/l	91
64) Tetrachloroethene	10.727	164	2594	1.803	ug/l	91

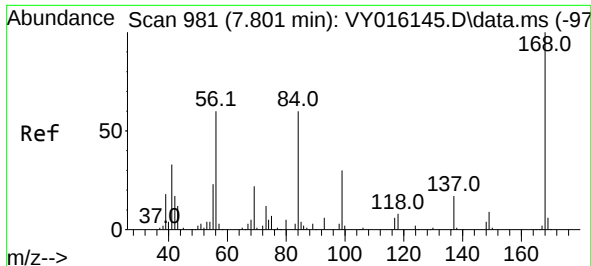
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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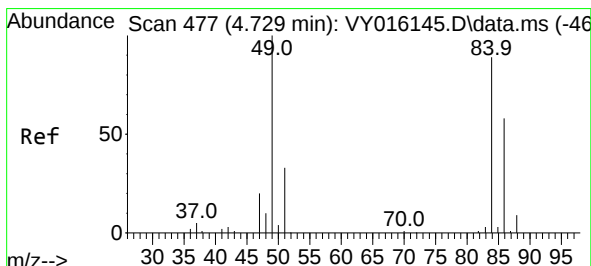
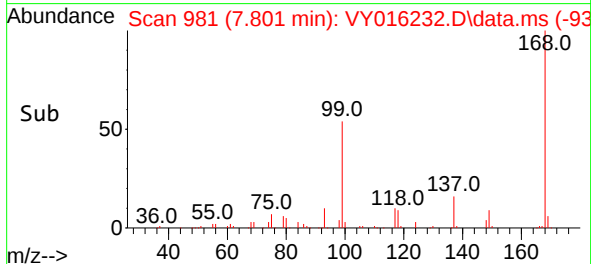
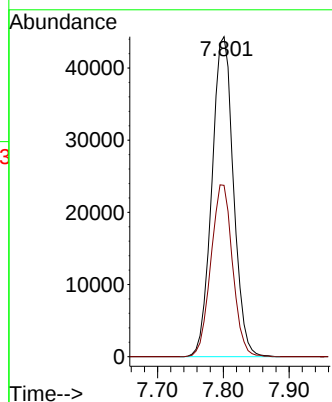
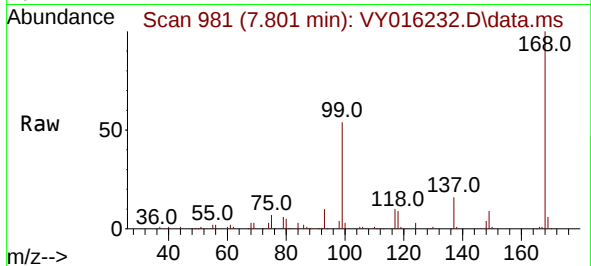




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016232.D
Acq: 06 Nov 2023 13:20

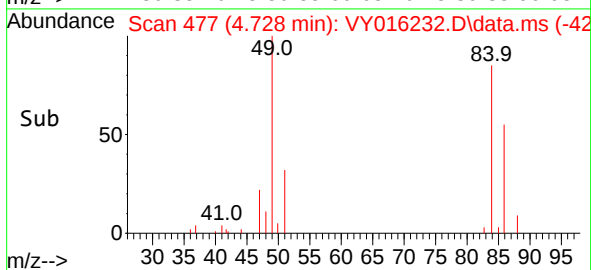
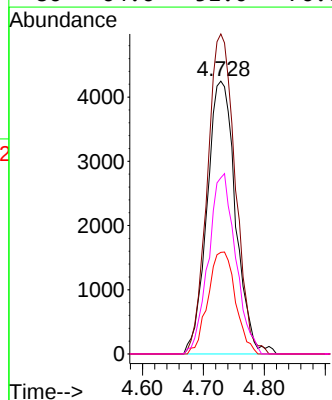
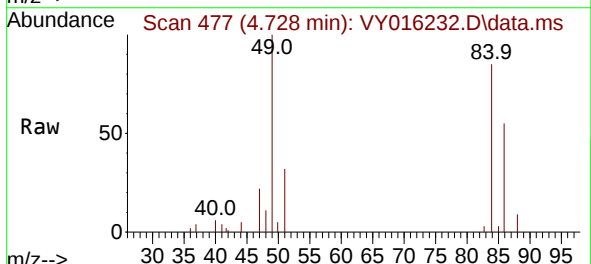
Instrument :
MSVOA_Y
ClientSampleId :
11TH-ST-1

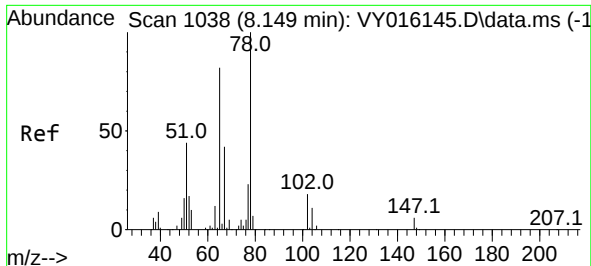
Tgt Ion:168 Resp: 101302
Ion Ratio Lower Upper
168 100
99 53.6 43.4 65.0



#20
Methylene Chloride
Concen: 12.018 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY016232.D
Acq: 06 Nov 2023 13:20

Tgt Ion: 84 Resp: 13818
Ion Ratio Lower Upper
84 100
49 117.3 106.9 160.3
51 37.2 33.2 49.8
86 64.6 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 60.322 ug/l

RT: 8.149 min Scan# 110

Delta R.T. -0.000 min

Lab File: VY016232.D

Acq: 06 Nov 2023 13:20

Instrument :

MSVOA_Y

ClientSampleId :

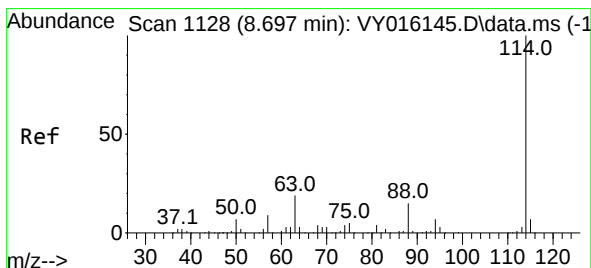
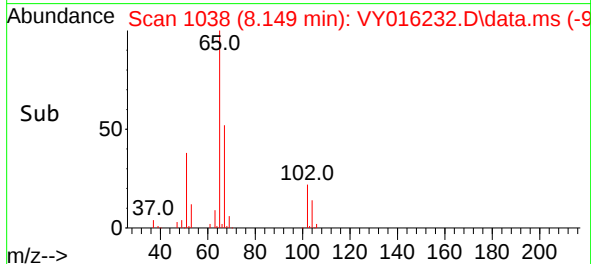
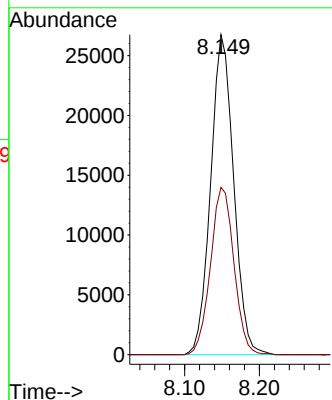
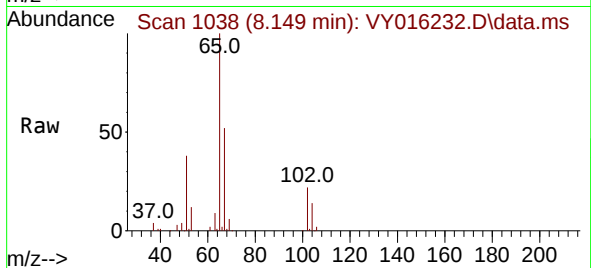
11TH-ST-1

Tgt Ion: 65 Resp: 57180

Ion Ratio Lower Upper

65 100

67 53.3 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY016232.D

Acq: 06 Nov 2023 13:20

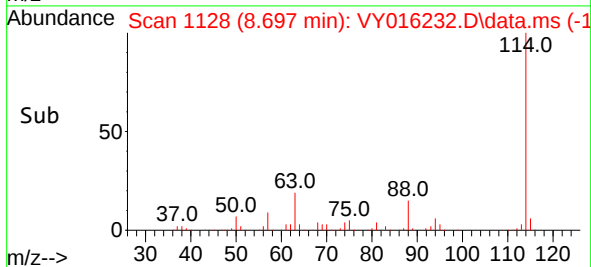
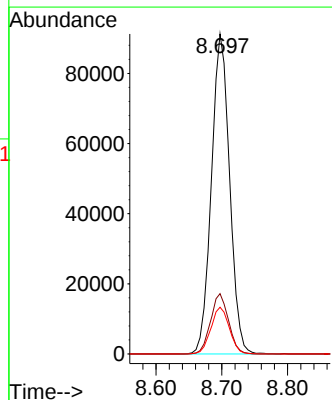
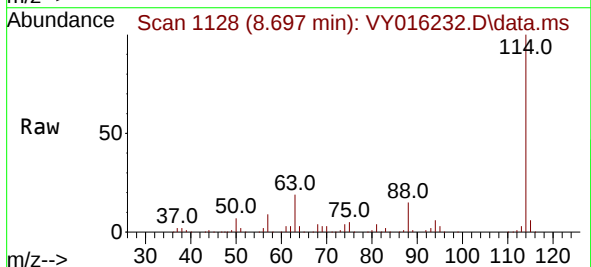
Tgt Ion: 114 Resp: 175605

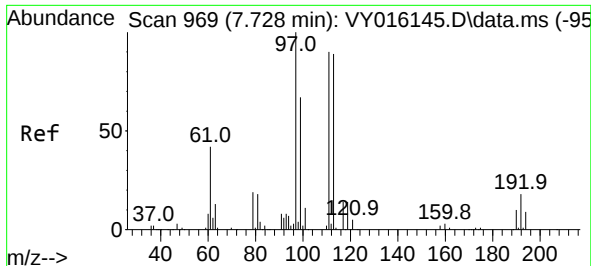
Ion Ratio Lower Upper

114 100

63 18.9 0.0 42.4

88 14.6 0.0 30.6

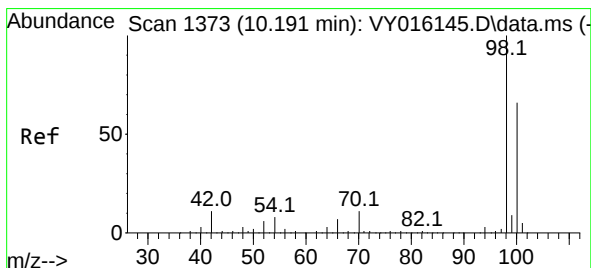
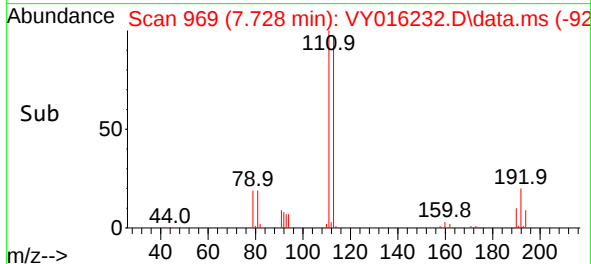
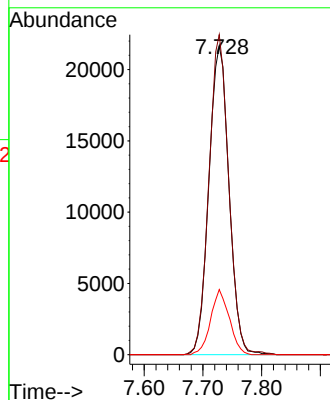
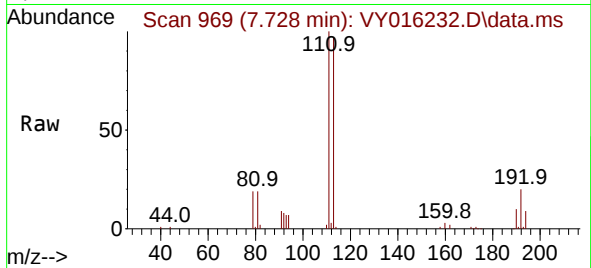




#35
Dibromofluoromethane
Concen: 49.238 ug/l
RT: 7.728 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY016232.D
Acq: 06 Nov 2023 13:20

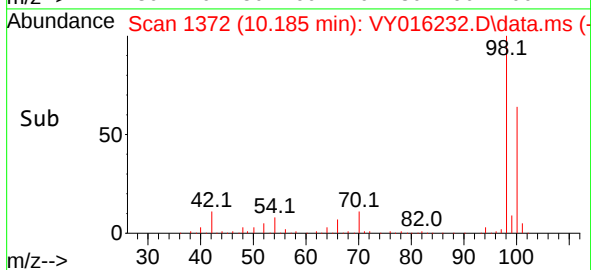
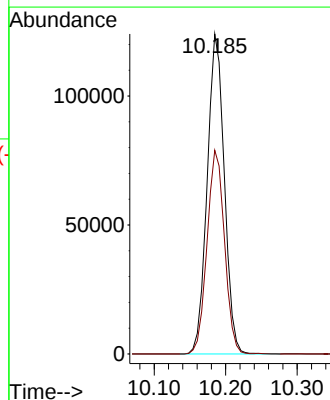
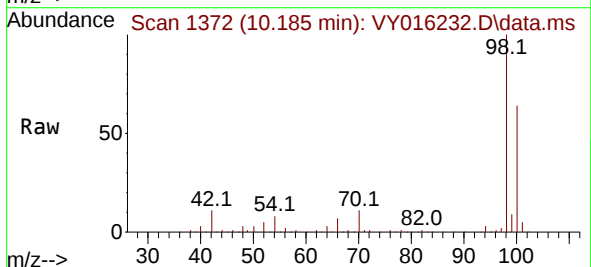
Instrument :
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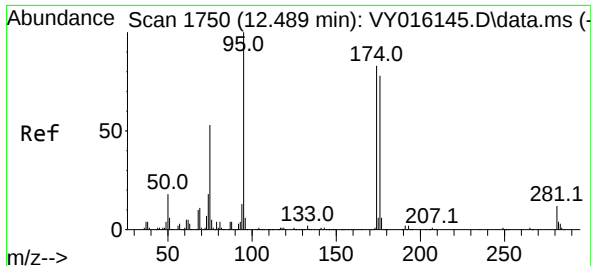
Tgt Ion:113 Resp: 51548
Ion Ratio Lower Upper
113 100
111 102.1 81.3 121.9
192 19.6 16.9 25.3



#50
Toluene-d8
Concen: 49.737 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.006 min
Lab File: VY016232.D
Acq: 06 Nov 2023 13:20

Tgt Ion: 98 Resp: 206447
Ion Ratio Lower Upper
98 100
100 64.8 50.1 75.1

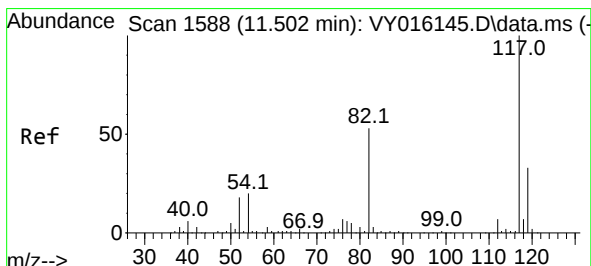
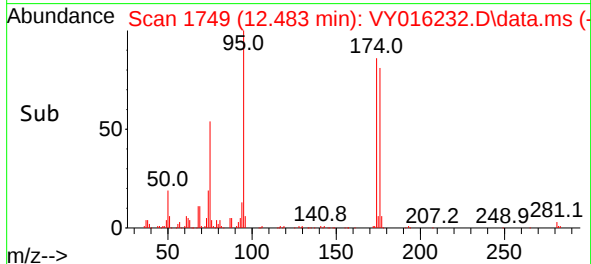
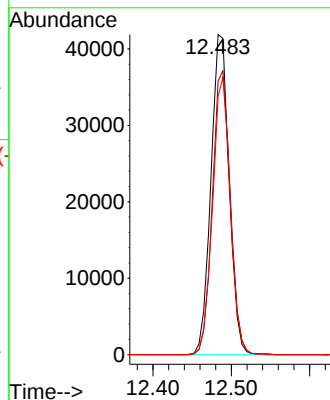
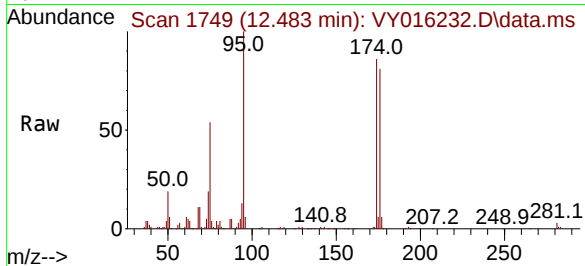




#62
4-Bromofluorobenzene
Concen: 47.523 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016232.D
Acq: 06 Nov 2023 13:20

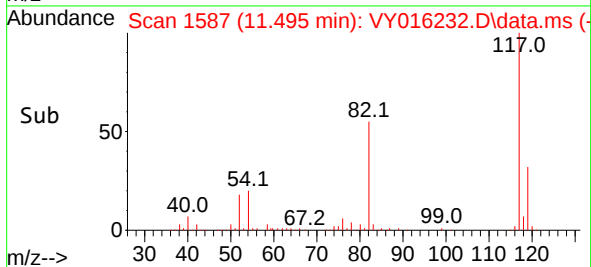
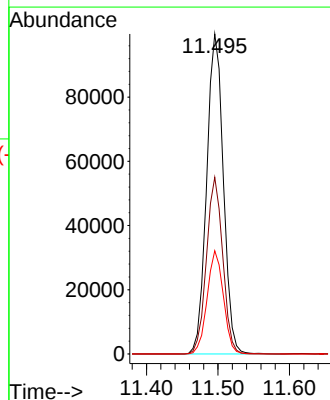
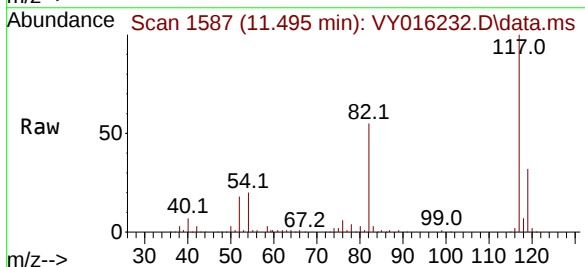
Instrument :
MSVOA_Y
ClientSampleId :
11TH-ST-1

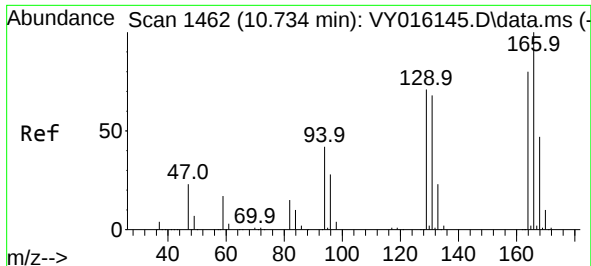
Tgt Ion: 95 Resp: 67451
Ion Ratio Lower Upper
95 100
174 87.9 0.0 178.2
176 84.7 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.006 min
Lab File: VY016232.D
Acq: 06 Nov 2023 13:20

Tgt Ion: 117 Resp: 161763
Ion Ratio Lower Upper
117 100
82 55.2 43.4 65.0
119 32.3 26.3 39.5



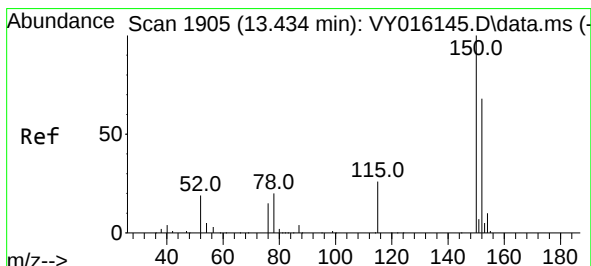
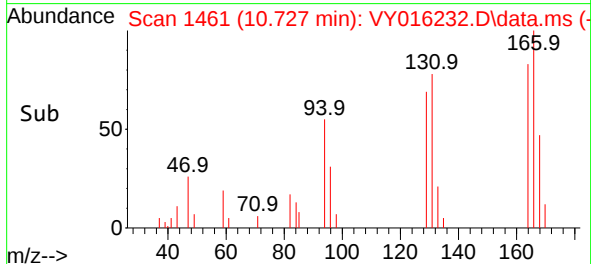
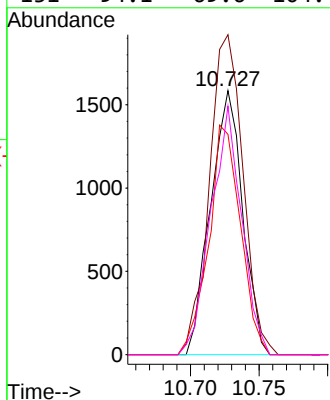
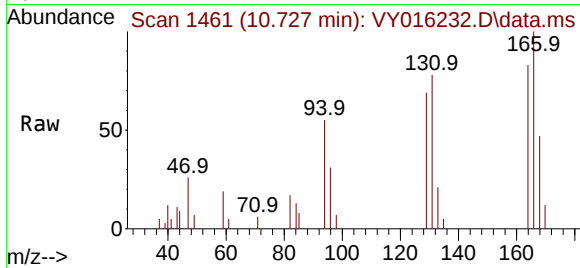


#64
Tetrachloroethene
Concen: 1.803 ug/l
RT: 10.727 min Scan# 1462
Delta R.T. -0.006 min
Lab File: VY016232.D
Acq: 06 Nov 2023 13:20

Instrument :
MSVOA_Y
ClientSampleId :
11TH-ST-1

Tgt Ion:164 Resp: 2594

Ion	Ratio	Lower	Upper
164	100		
166	121.2	103.0	154.6
129	83.5	77.2	115.8
131	94.1	69.6	104.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VY016232.D
Acq: 06 Nov 2023 13:20

Tgt Ion:152 Resp: 70310

Ion	Ratio	Lower	Upper
152	100		
115	58.5	28.8	86.5
150	158.6	0.0	348.8

