

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102822\
 Data File : VW028754.D
 Acq On : 28 Oct 2022 14:06
 Operator : SY/MD
 Sample : N5232-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHAD4

Quant Time: Oct 28 21:53:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 28 21:50:06 2022
 Response via : Initial Calibration

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

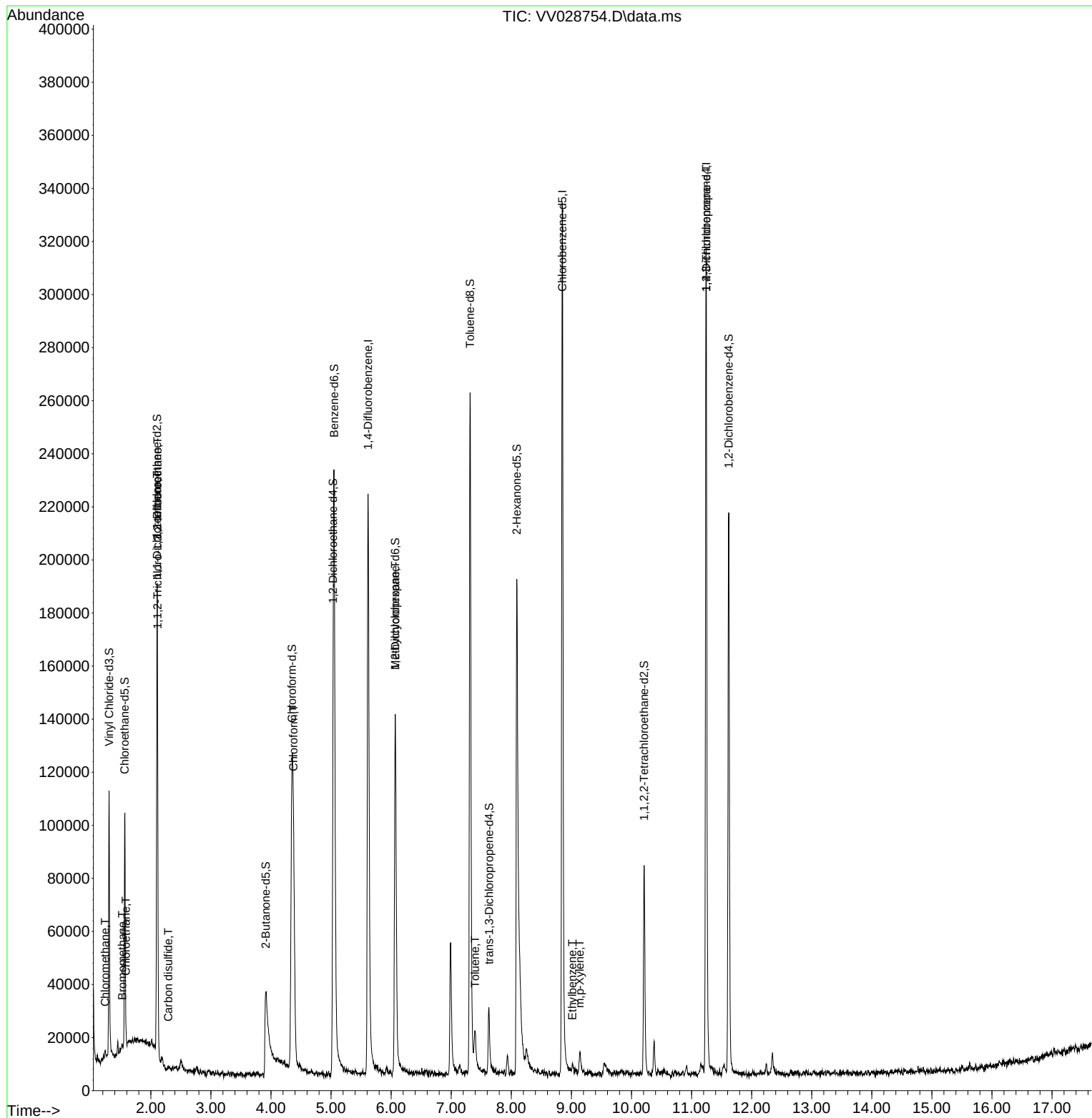
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	180396	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	166965	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	72510	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	67409	5.373	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.400%
7) Chloroethane-d5	1.564	69	55139	5.198	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.000%
11) 1,1-Dichloroethene-d2	2.105	63	97174	4.004	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.000%
20) 2-Butanone-d5	3.912	46	91288	31.910	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	63.820%
24) Chloroform-d	4.349	84	97578	4.479	ug/L	0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
26) 1,2-Dichloroethane-d4	5.034	65	49882	4.512	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
32) Benzene-d6	5.050	84	201433	4.511	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
36) 1,2-Dichloropropane-d6	6.069	67	66814	4.727	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.600%
41) Toluene-d8	7.313	98	169629	4.868	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
43) trans-1,3-Dichloroprop...	7.629	79	15575	3.547	ug/L	0.01
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.000%
46) 2-Hexanone-d5	8.092	63	85882	42.014	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.020%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	39427	4.206	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.200%
66) 1,2-Dichlorobenzene-d4	11.619	152	49895	4.989	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.800%
Target Compounds						
3) Chloromethane	1.236	50	2146	0.151	ug/L	95
6) Bromomethane	1.523	94	969	0.144	ug/L	96
8) Chloroethane	1.584	64	1285	0.134	ug/L #	55
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	1046	0.094	ug/L #	33
12) 1,1-Dichloroethene	2.101	96	870	0.088	ug/L #	1
14) Carbon disulfide	2.291	76	1538	0.067	ug/L #	47
25) Chloroform	4.375	83	73109	3.121	ug/L	96
35) Methylcyclohexane	6.069	83	14748	0.864	ug/L #	15
42) Toluene	7.397	91	11042	0.233	ug/L	94
52) Ethylbenzene	9.018	91	2226	0.042	ug/L #	83
53) m,p-Xylene	9.140	106	2593	0.137	ug/L	76
61) 1,2,3-Trichloropropane	11.243	75	10888	1.749	ug/L #	66

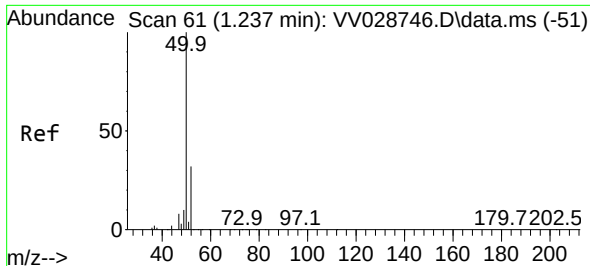
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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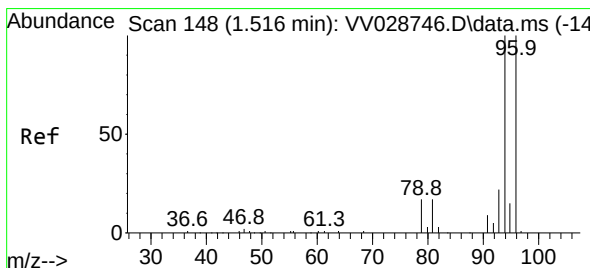
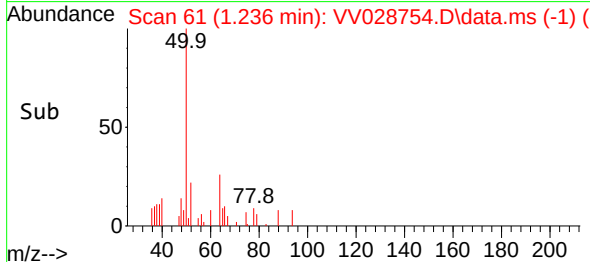
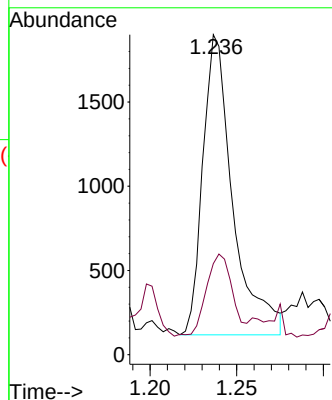
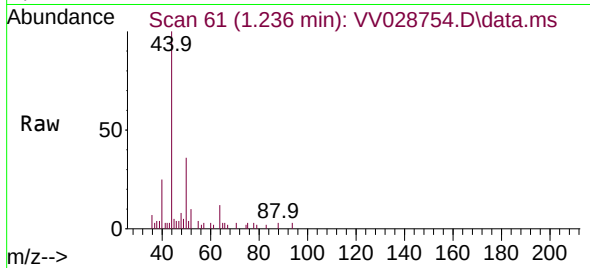




#3
Chloromethane
Concen: 0.151 ug/L
RT: 1.236 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV028754.D
Acq: 28 Oct 2022 14:06

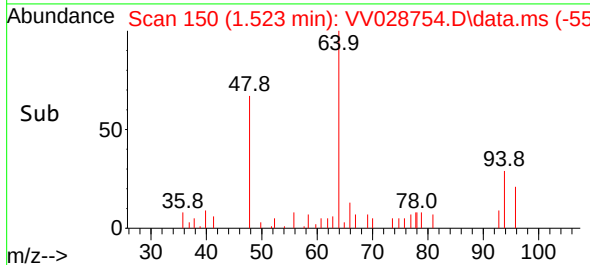
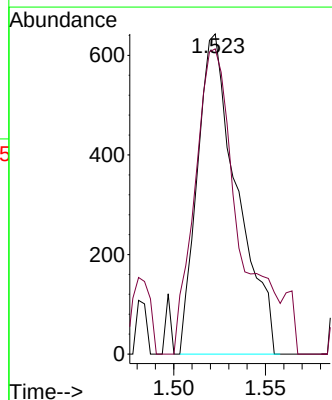
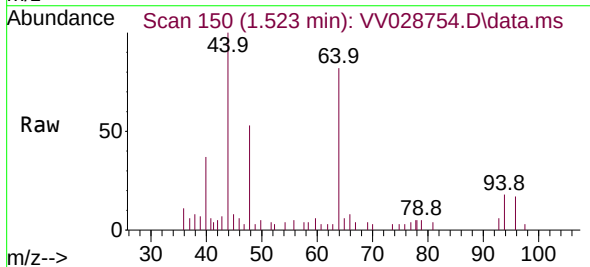
Instrument :
MSVOA_V
ClientSampleId :
BHAD4

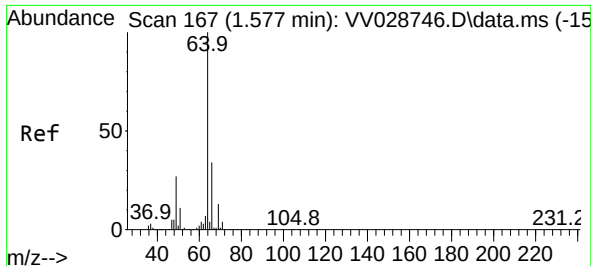
Tgt Ion: 50 Resp: 2146
Ion Ratio Lower Upper
50 100
52 28.5 21.8 40.6



#6
Bromomethane
Concen: 0.144 ug/L
RT: 1.523 min Scan# 150
Delta R.T. 0.006 min
Lab File: VV028754.D
Acq: 28 Oct 2022 14:06

Tgt Ion: 94 Resp: 969
Ion Ratio Lower Upper
94 100
96 95.3 64.3 119.3

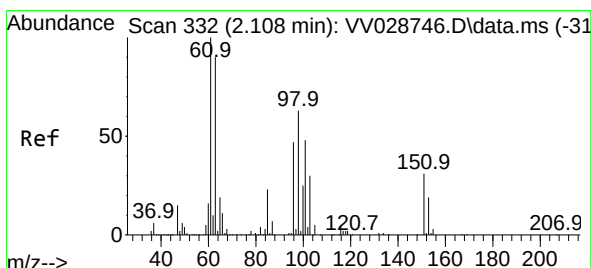
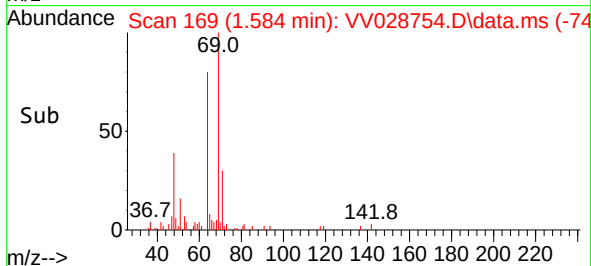
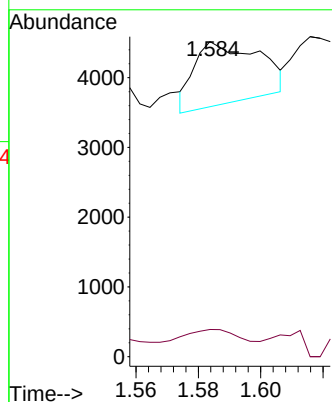
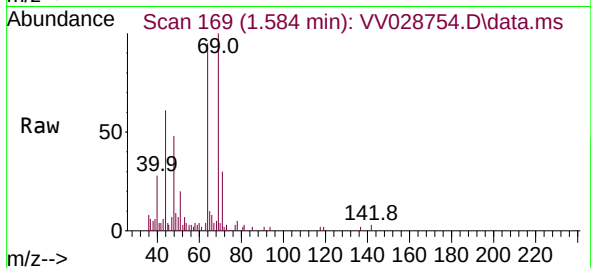




#8
Chloroethane
Concen: 0.134 ug/L
RT: 1.584 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV028754.D
Acq: 28 Oct 2022 14:06

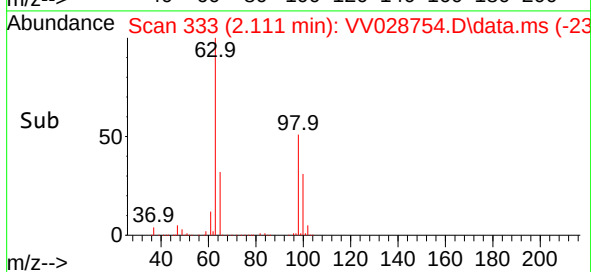
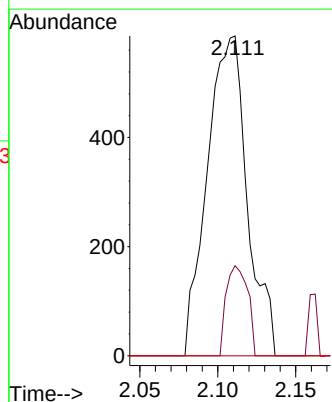
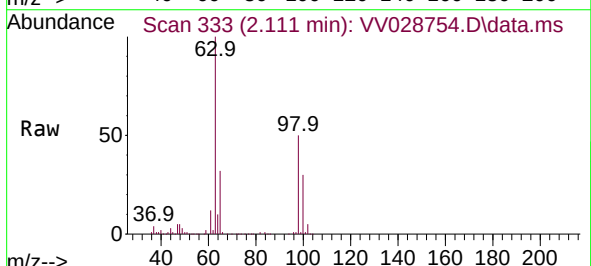
Instrument :
MSVOA_V
ClientSampleId :
BHAD4

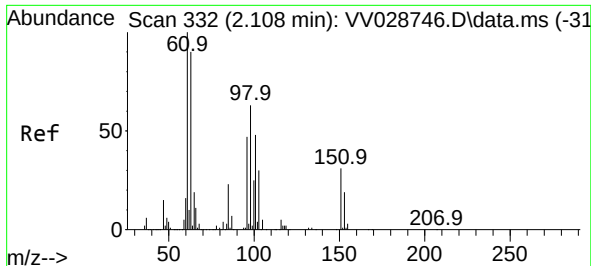
Tgt Ion: 64 Resp: 1285
Ion Ratio Lower Upper
64 100
66 8.6 23.9 44.5#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.094 ug/L
RT: 2.111 min Scan# 333
Delta R.T. 0.003 min
Lab File: VV028754.D
Acq: 28 Oct 2022 14:06

Tgt Ion:101 Resp: 1046
Ion Ratio Lower Upper
101 100
85 15.0 37.0 55.6#
151 0.0 50.2 75.2#





#12

1,1-Dichloroethene

Concen: 0.088 ug/L

RT: 2.101 min Scan# 31

Delta R.T. -0.007 min

Lab File: VV028754.D

Acq: 28 Oct 2022 14:06

Instrument :

MSVOA_V

ClientSampleId :

BHAD4

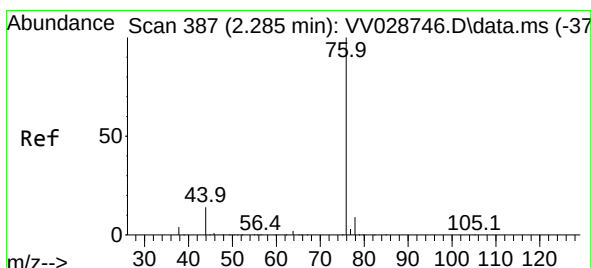
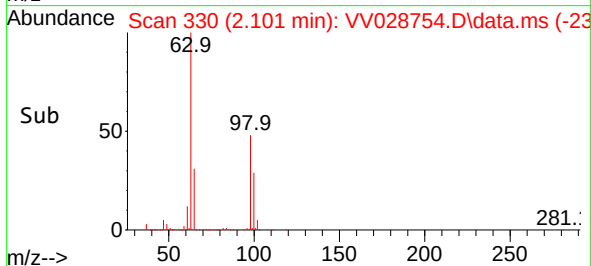
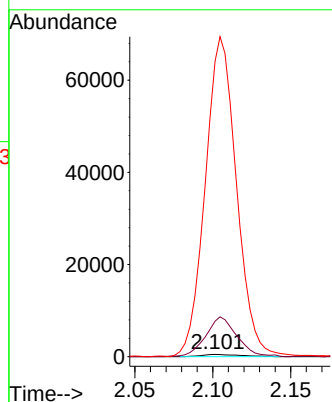
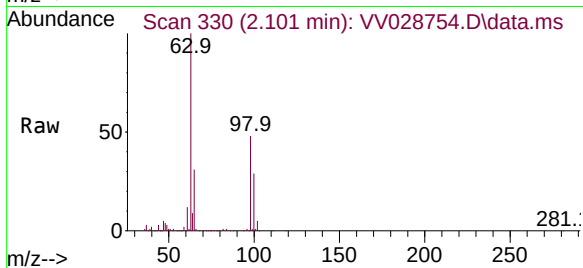
Tgt Ion: 96 Resp: 870

Ion Ratio Lower Upper

96 100

61 1533.0 148.1 275.1#

63 12749.1 133.3 247.7#



#14

Carbon disulfide

Concen: 0.067 ug/L

RT: 2.291 min Scan# 389

Delta R.T. 0.006 min

Lab File: VV028754.D

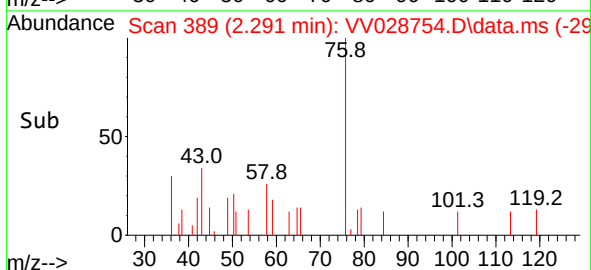
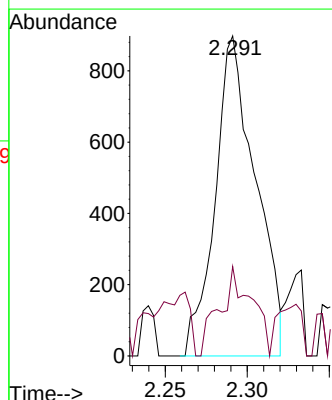
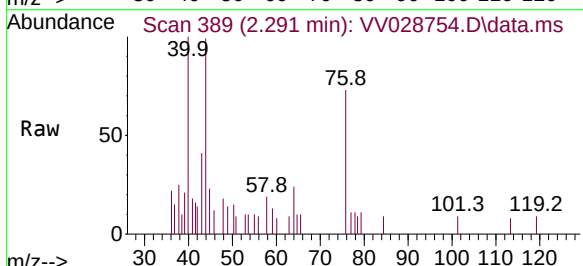
Acq: 28 Oct 2022 14:06

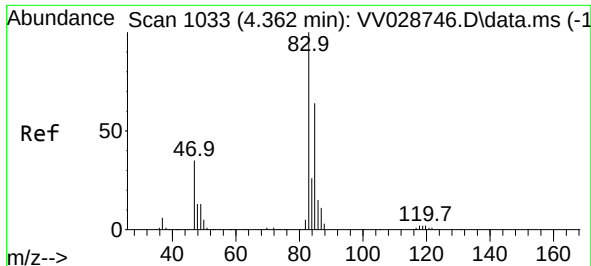
Tgt Ion: 76 Resp: 1538

Ion Ratio Lower Upper

76 100

78 28.0 7.1 10.7#

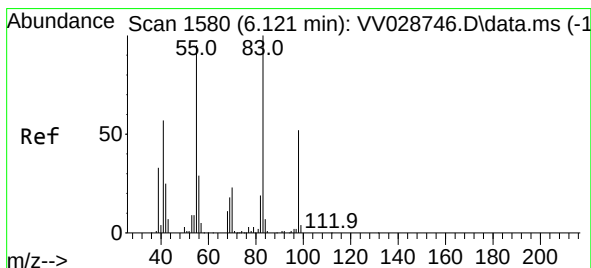
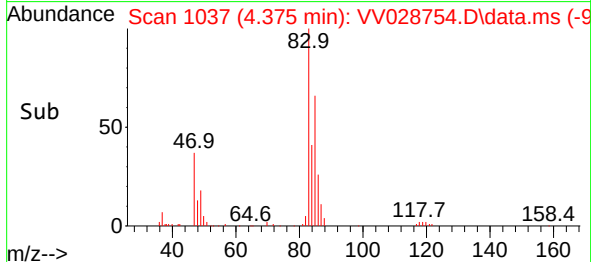
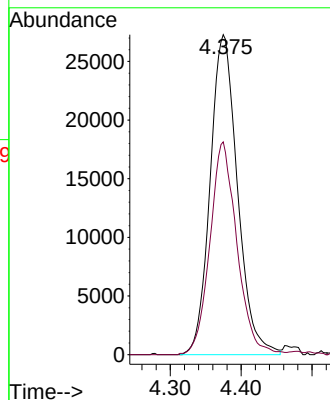
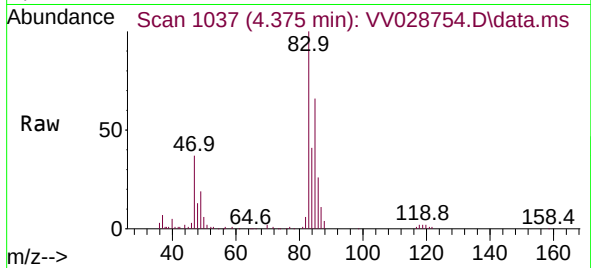




#25
Chloroform
Concen: 3.121 ug/L
RT: 4.375 min Scan# 1033
Delta R.T. 0.013 min
Lab File: VV028754.D
Acq: 28 Oct 2022 14:06

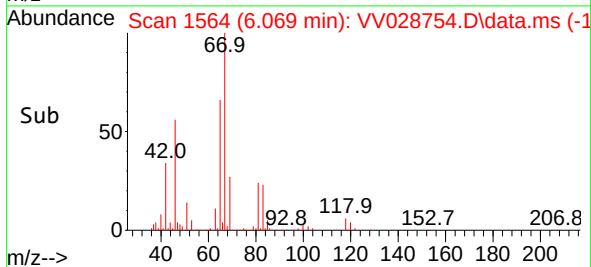
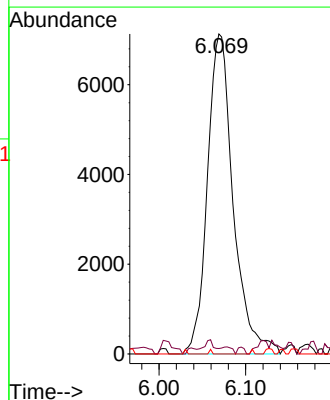
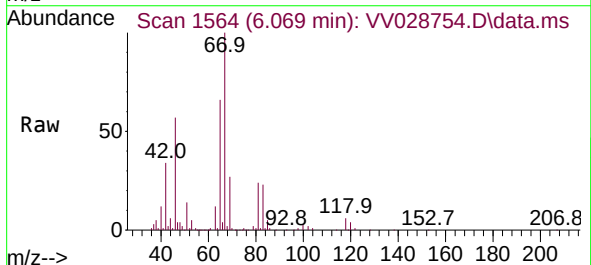
Instrument :
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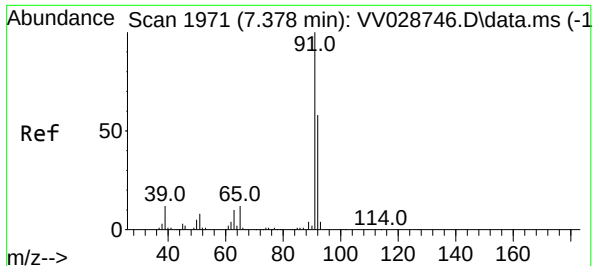
Tgt Ion: 83 Resp: 73109
Ion Ratio Lower Upper
83 100
85 66.5 44.1 81.9



#35
Methylcyclohexane
Concen: 0.864 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.052 min
Lab File: VV028754.D
Acq: 28 Oct 2022 14:06

Tgt Ion: 83 Resp: 14748
Ion Ratio Lower Upper
83 100
55 0.9 70.0 105.0#
98 0.0 35.6 53.4#

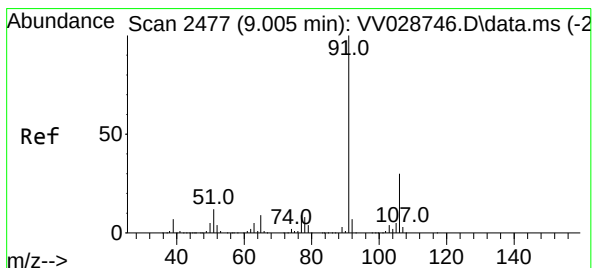
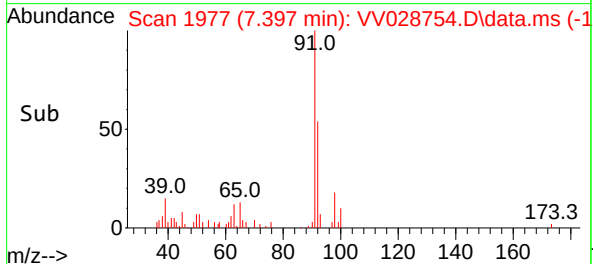
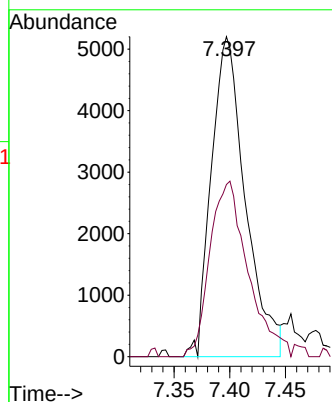
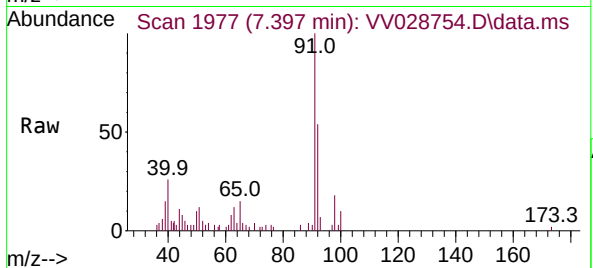




#42
Toluene
Concen: 0.233 ug/L
RT: 7.397 min Scan# 11042
Delta R.T. 0.019 min
Lab File: VV028754.D
Acq: 28 Oct 2022 14:06

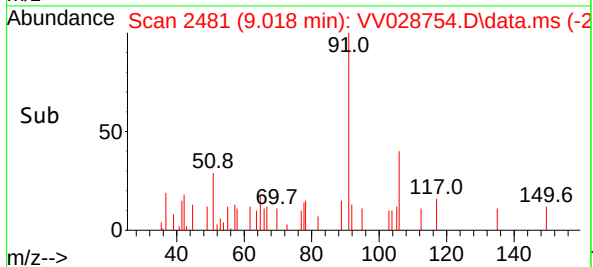
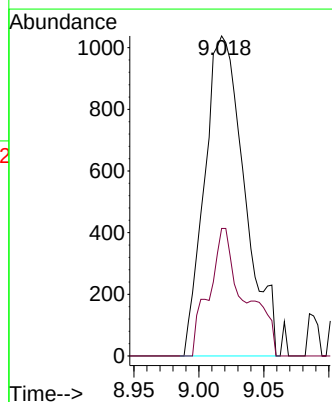
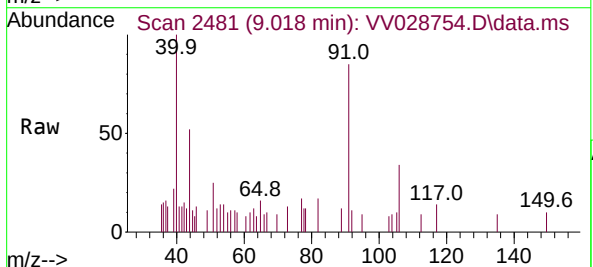
Instrument :
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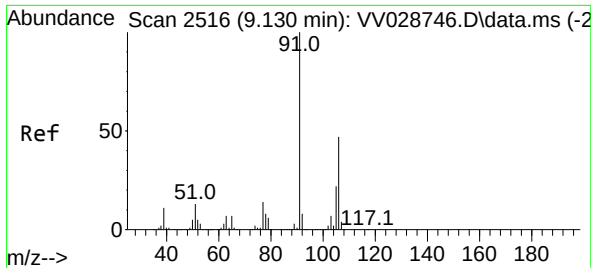
Tgt Ion: 91 Resp: 11042
Ion Ratio Lower Upper
91 100
92 53.8 40.5 75.3



#52
Ethylbenzene
Concen: 0.042 ug/L
RT: 9.018 min Scan# 2481
Delta R.T. 0.013 min
Lab File: VV028754.D
Acq: 28 Oct 2022 14:06

Tgt Ion: 91 Resp: 2226
Ion Ratio Lower Upper
91 100
106 39.9 21.3 39.6#

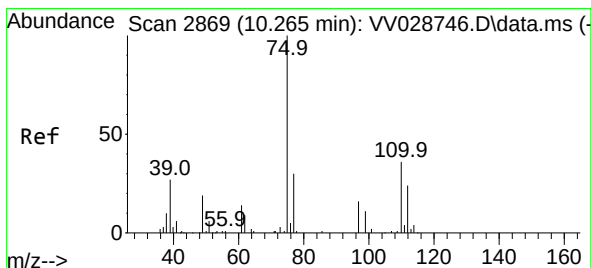
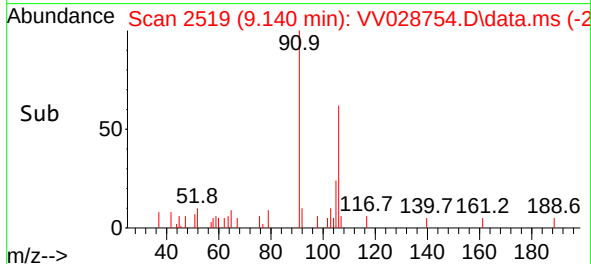
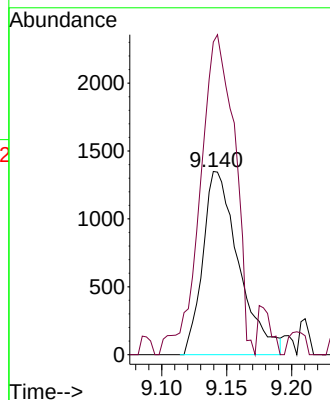
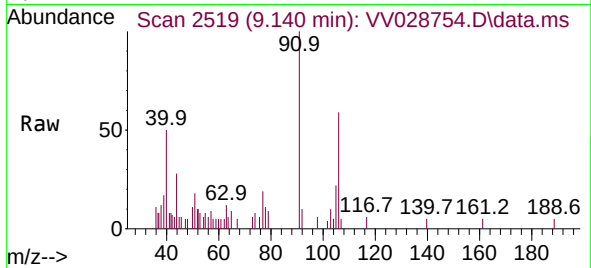




#53
m,p-Xylene
Concen: 0.137 ug/L
RT: 9.140 min Scan# 21
Delta R.T. 0.009 min
Lab File: VV028754.D
Acq: 28 Oct 2022 14:06

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Tgt Ion:106 Resp: 2593
Ion Ratio Lower Upper
106 100
91 170.7 145.5 270.1



#61
1,2,3-Trichloropropane
Concen: 1.749 ug/L
RT: 11.243 min Scan# 3173
Delta R.T. 0.977 min
Lab File: VV028754.D
Acq: 28 Oct 2022 14:06

Tgt Ion: 75 Resp: 10888
Ion Ratio Lower Upper
75 100
77 38.6 25.2 37.8#
110 4.0 27.9 41.9#

