

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102822\
 Data File : VV028758.D
 Acq On : 28 Oct 2022 15:42
 Operator : SY/MD
 Sample : N5233-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHAD7

Quant Time: Oct 28 21:54:07 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)

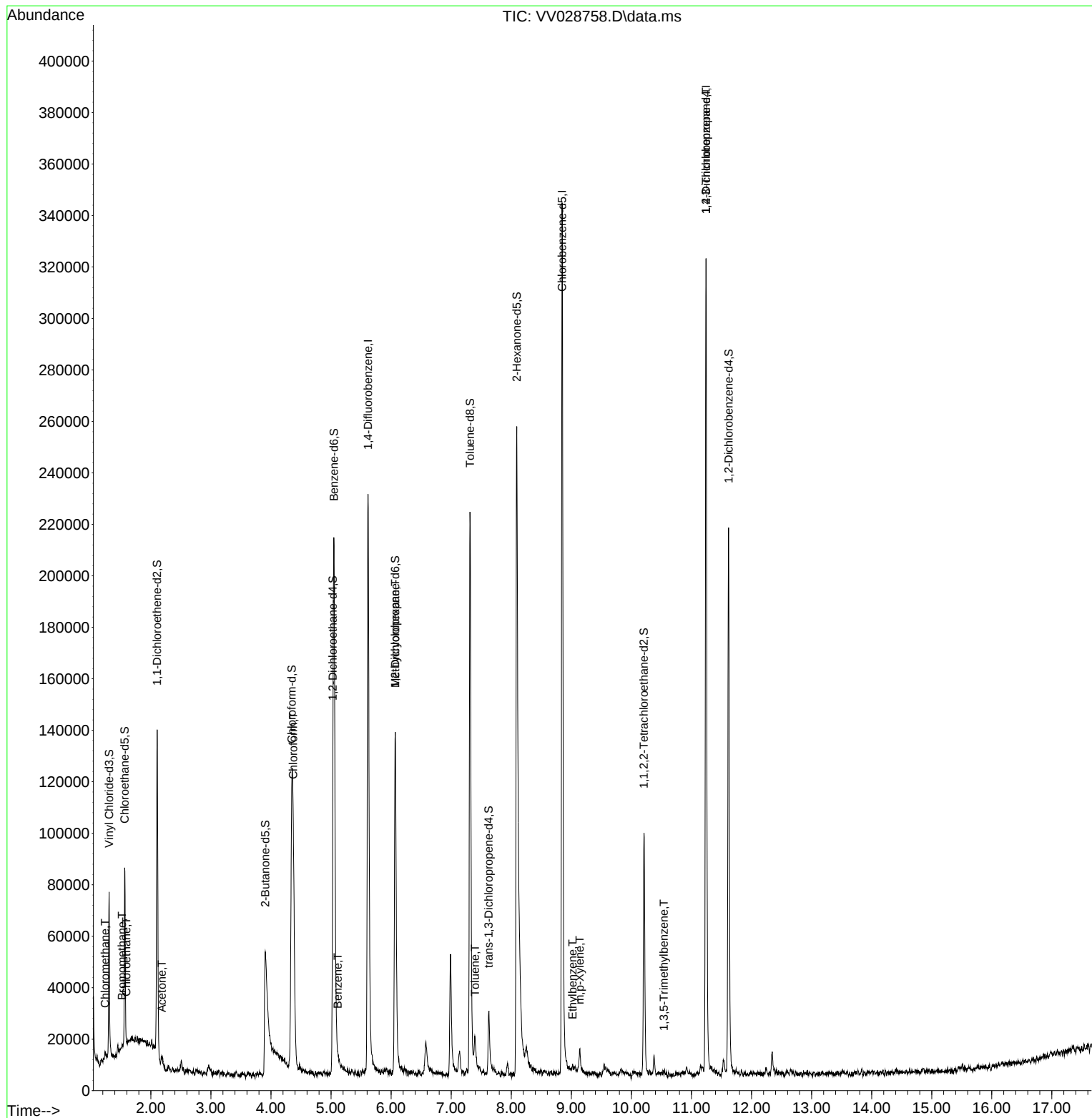
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	181681	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	169168	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	75225	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	43068	3.408	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.200%
7) Chloroethane-d5	1.565	69	43833	4.103	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.000%
11) 1,1-Dichloroethene-d2	2.105	63	70016	2.865	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.200%#
20) 2-Butanone-d5	3.905	46	123876	42.995	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.980%
24) Chloroform-d	4.346	84	100104	4.562	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
26) 1,2-Dichloroethane-d4	5.031	65	50979	4.579	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
32) Benzene-d6	5.050	84	178817	3.953	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.000%
36) 1,2-Dichloropropane-d6	6.069	67	65485	4.573	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.400%
41) Toluene-d8	7.313	98	141558	4.010	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.200%
43) trans-1,3-Dichloroprop...	7.625	79	14426	3.242	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.800%
46) 2-Hexanone-d5	8.092	63	112945	54.534	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.060%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	47029	4.952	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.000%
66) 1,2-Dichlorobenzene-d4	11.619	152	49403	4.761	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.200%
Target Compounds						Qvalue
3) Chloromethane	1.237	50	1900	0.133	ug/L	96
6) Bromomethane	1.520	94	500	0.074	ug/L	95
8) Chloroethane	1.593	64	1492	0.154	ug/L #	57
13) Acetone	2.182	43	8093	4.732	ug/L	79
25) Chloroform	4.371	83	66666	2.826	ug/L	98
33) Benzene	5.114	78	2525	0.050	ug/L	100
35) Methylcyclohexane	6.069	83	14388	0.832	ug/L #	15
42) Toluene	7.400	91	10161	0.212	ug/L	98
52) Ethylbenzene	9.021	91	2133	0.040	ug/L #	82
53) m,p-Xylene	9.140	106	2598	0.135	ug/L	76
61) 1,2,3-Trichloropropane	11.243	75	11935	1.848	ug/L #	71
62) 1,3,5-Trimethylbenzene	10.542	105	553	0.040	ug/L	86

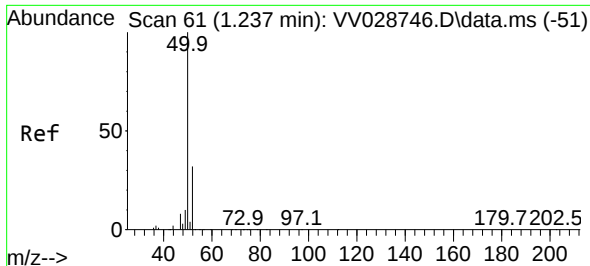
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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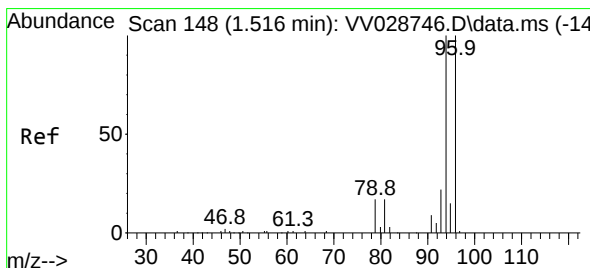
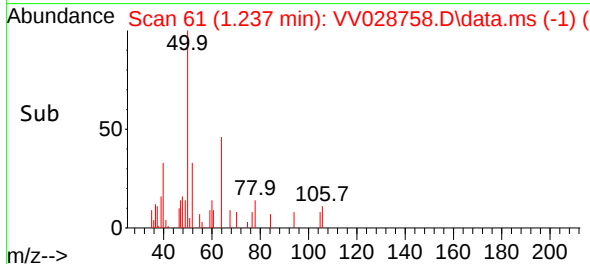
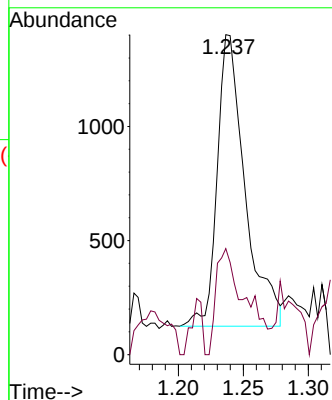
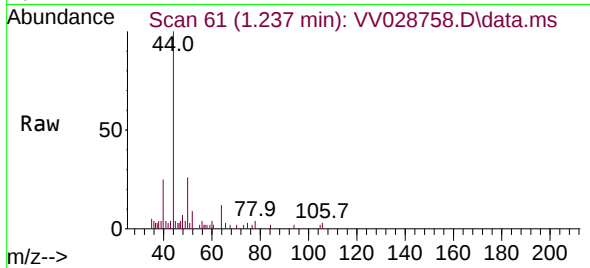




#3
Chloromethane
Concen: 0.133 ug/L
RT: 1.237 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV028758.D
Acq: 28 Oct 2022 15:42

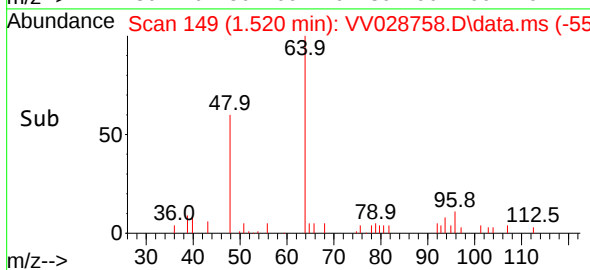
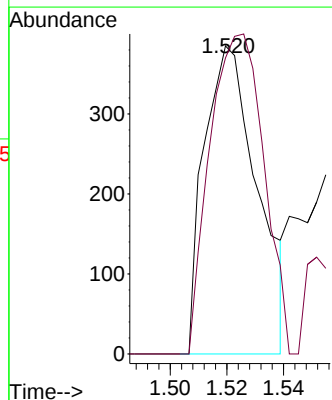
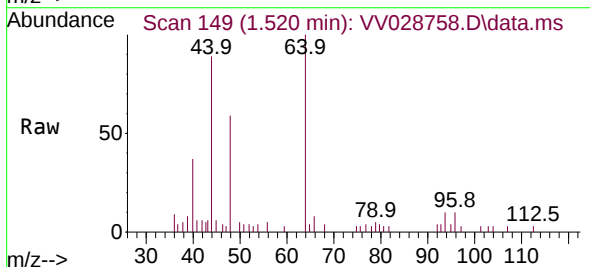
Instrument :
MSVOA_V
ClientSampleId :
BHAD7

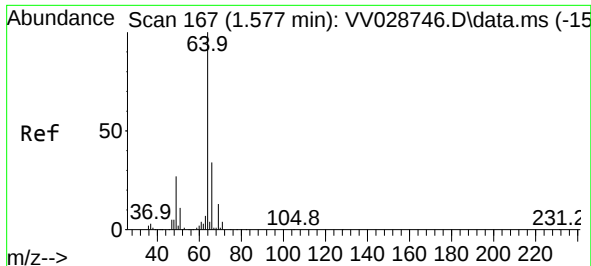
Tgt Ion: 50 Resp: 1900
Ion Ratio Lower Upper
50 100
52 33.2 21.8 40.6



#6
Bromomethane
Concen: 0.074 ug/L
RT: 1.520 min Scan# 149
Delta R.T. 0.003 min
Lab File: VV028758.D
Acq: 28 Oct 2022 15:42

Tgt Ion: 94 Resp: 500
Ion Ratio Lower Upper
94 100
96 96.1 64.3 119.3

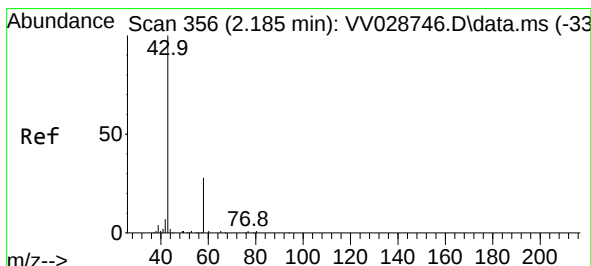
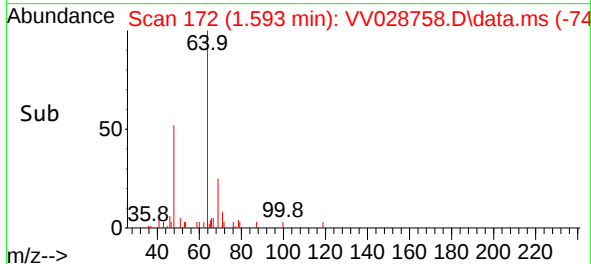
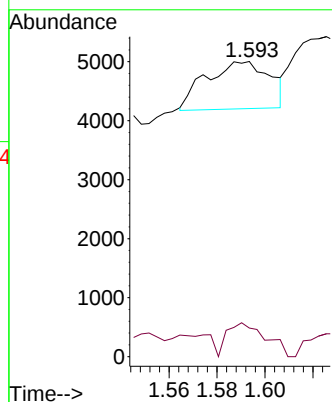
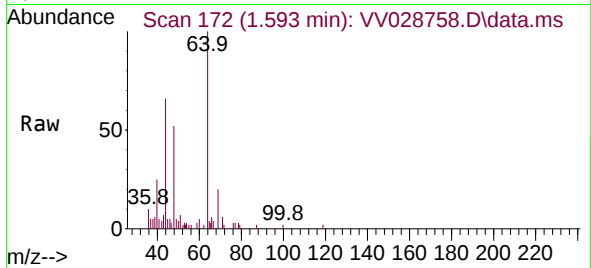




#8
Chloroethane
Concen: 0.154 ug/L
RT: 1.593 min Scan# 11
Delta R.T. 0.016 min
Lab File: VV028758.D
Acq: 28 Oct 2022 15:42

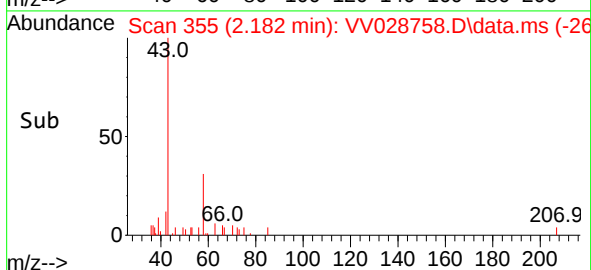
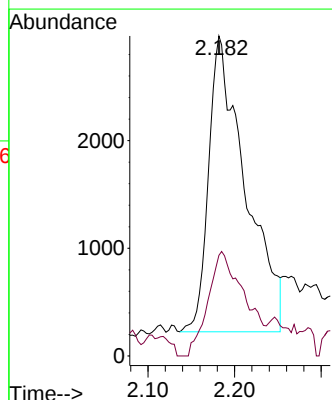
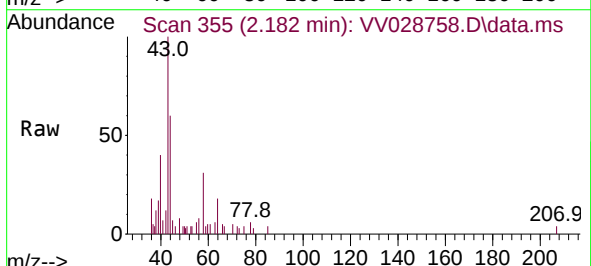
Instrument :
MSVOA_V
ClientSampleId :
BHAD7

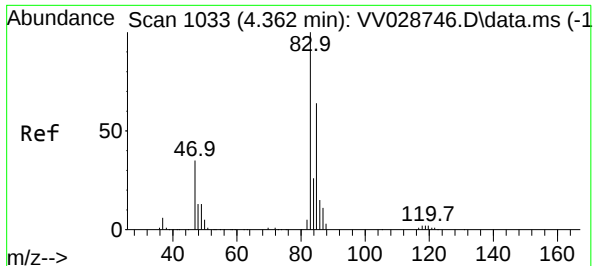
Tgt Ion: 64 Resp: 1492
Ion Ratio Lower Upper
64 100
66 9.7 23.9 44.5#



#13
Acetone
Concen: 4.732 ug/L
RT: 2.182 min Scan# 355
Delta R.T. -0.003 min
Lab File: VV028758.D
Acq: 28 Oct 2022 15:42

Tgt Ion: 43 Resp: 8093
Ion Ratio Lower Upper
43 100
58 35.7 0.0 50.2





#25

Chloroform

Concen: 2.826 ug/L

RT: 4.371 min Scan# 11

Delta R.T. 0.010 min

Lab File: VV028758.D

Acq: 28 Oct 2022 15:42

Instrument :

MSVOA_V

ClientSampleId :

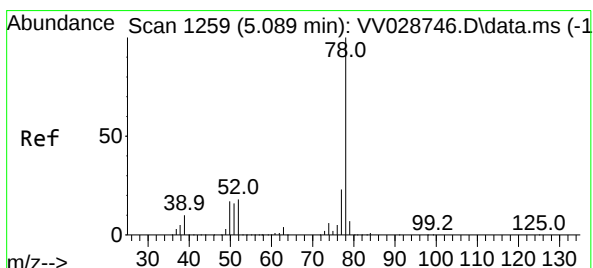
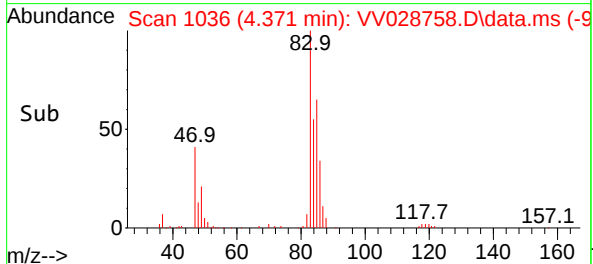
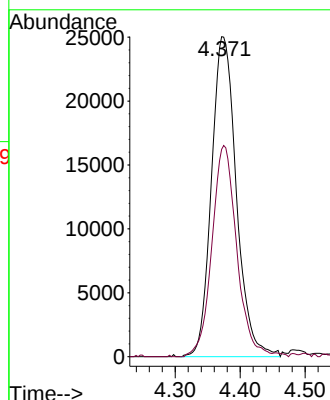
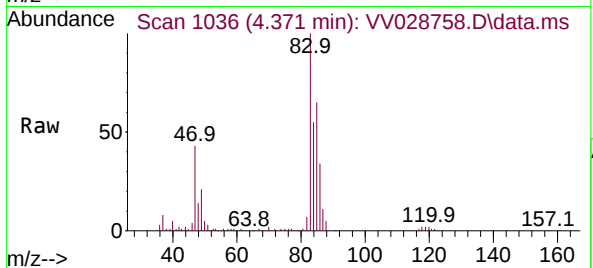
BHAD7

Tgt Ion: 83 Resp: 66666

Ion Ratio Lower Upper

83 100

85 64.8 44.1 81.9



#33

Benzene

Concen: 0.050 ug/L

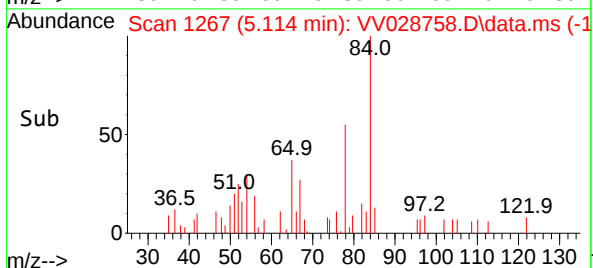
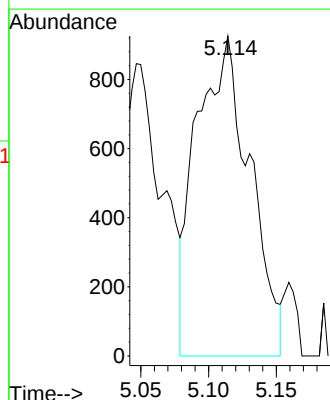
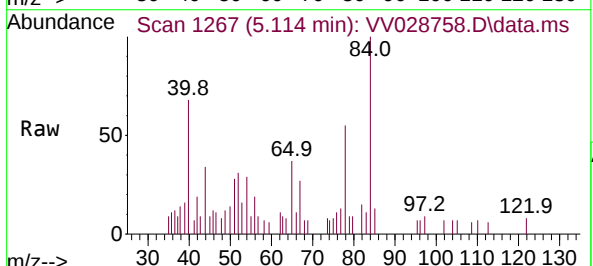
RT: 5.114 min Scan# 1267

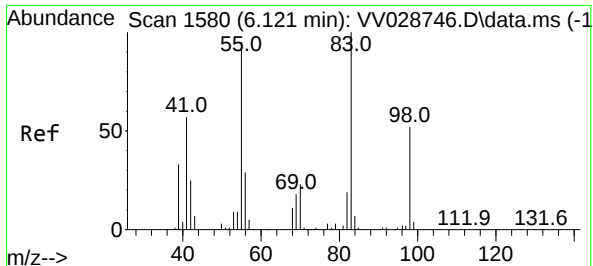
Delta R.T. 0.026 min

Lab File: VV028758.D

Acq: 28 Oct 2022 15:42

Tgt Ion: 78 Resp: 2525





#35

Methylcyclohexane

Concen: 0.832 ug/L

RT: 6.069 min Scan# 1

Delta R.T. -0.052 min

Lab File: VV028758.D

Acq: 28 Oct 2022 15:42

Instrument :

MSVOA_V

ClientSampleId :

BHAD7

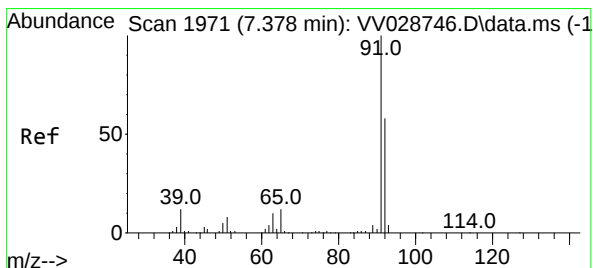
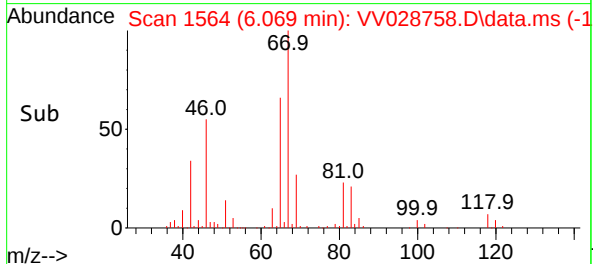
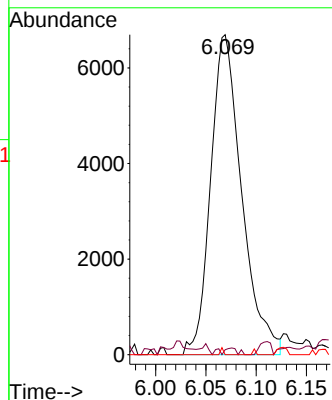
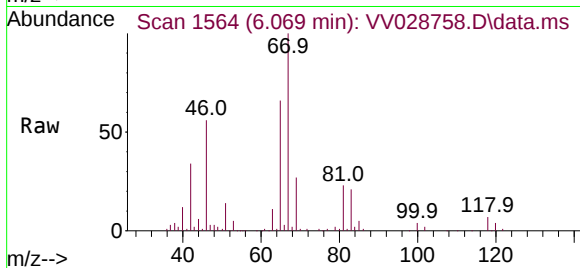
Tgt Ion: 83 Resp: 14388

Ion Ratio Lower Upper

83 100

55 0.3 70.0 105.0#

98 0.2 35.6 53.4#



#42

Toluene

Concen: 0.212 ug/L

RT: 7.400 min Scan# 1978

Delta R.T. 0.022 min

Lab File: VV028758.D

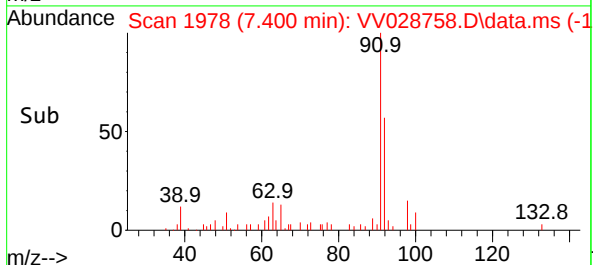
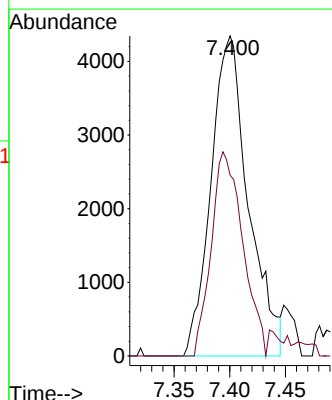
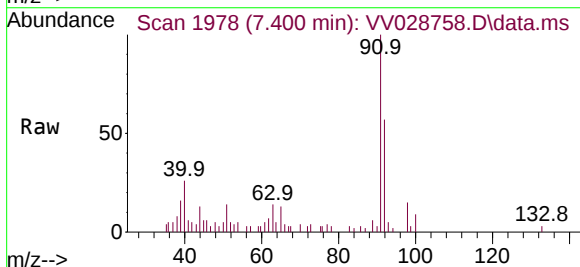
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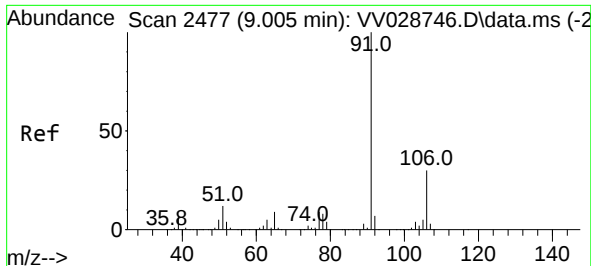
Tgt Ion: 91 Resp: 10161

Ion Ratio Lower Upper

91 100

92 56.5 40.5 75.3

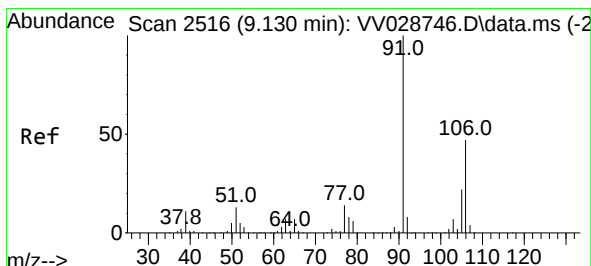
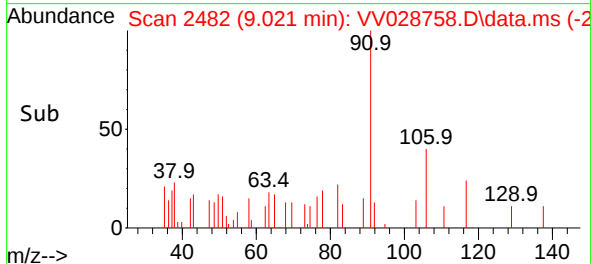
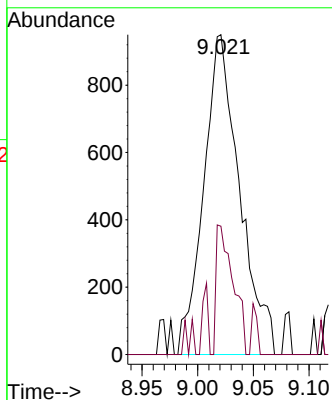
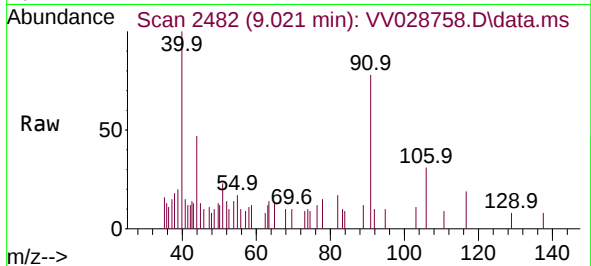




#52
Ethylbenzene
Concen: 0.040 ug/L
RT: 9.021 min Scan# 2477
Delta R.T. 0.016 min
Lab File: VV028758.D
Acq: 28 Oct 2022 15:42

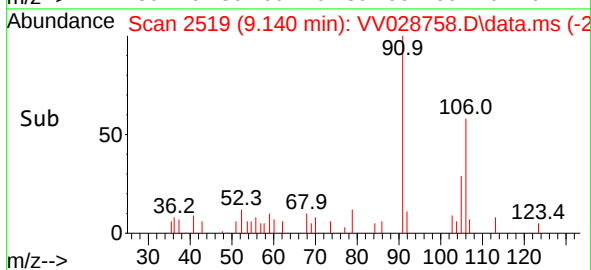
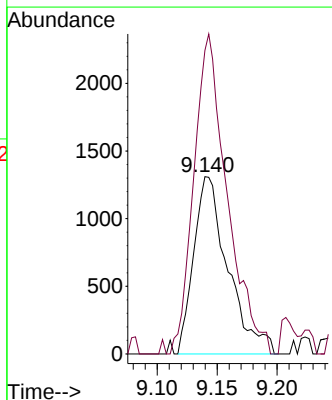
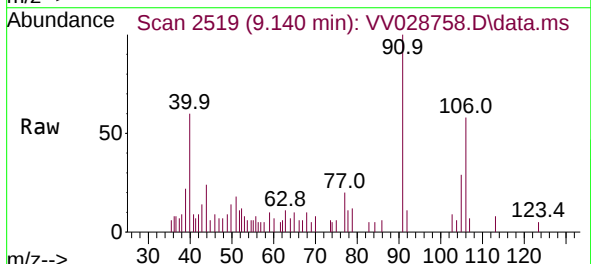
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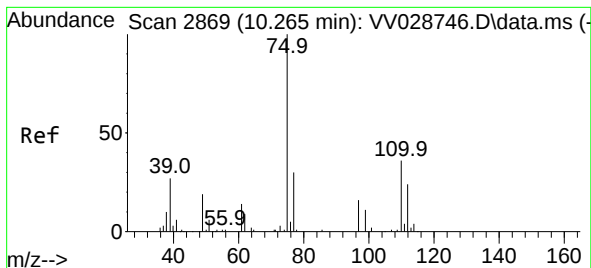
Tgt Ion: 91 Resp: 2133
Ion Ratio Lower Upper
91 100
106 40.1 21.3 39.6#



#53
m,p-Xylene
Concen: 0.135 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.010 min
Lab File: VV028758.D
Acq: 28 Oct 2022 15:42

Tgt Ion: 106 Resp: 2598
Ion Ratio Lower Upper
106 100
91 171.2 145.5 270.1





#61

1,2,3-Trichloropropane

Concen: 1.848 ug/L

RT: 11.243 min Scan# 3173

Delta R.T. 0.977 min

Lab File: VV028758.D

Acq: 28 Oct 2022 15:42

Instrument :

MSVOA_V

ClientSampleId :

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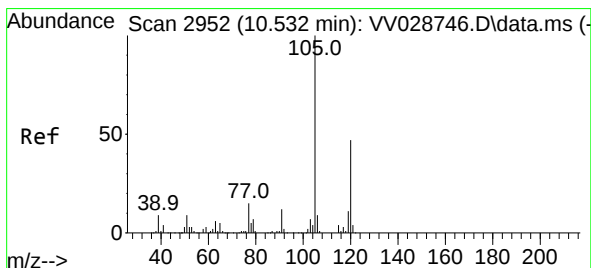
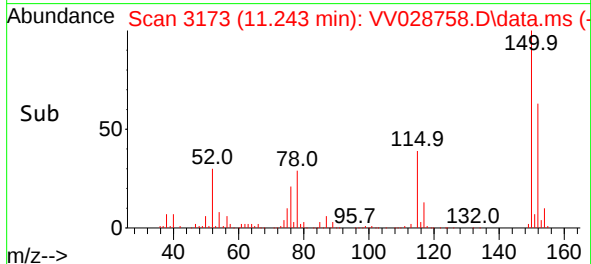
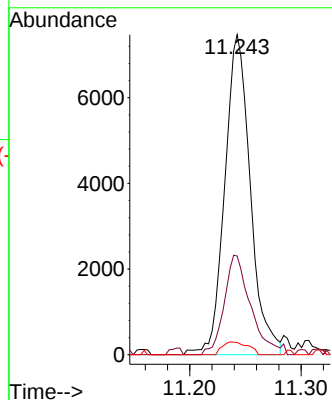
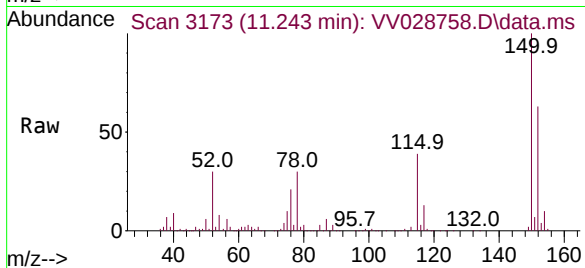
Tgt Ion: 75 Resp: 11935

Ion Ratio Lower Upper

75 100

77 32.2 25.2 37.8

110 4.0 27.9 41.9#



#62

1,3,5-Trimethylbenzene

Concen: 0.040 ug/L

RT: 10.542 min Scan# 2955

Delta R.T. 0.010 min

Lab File: VV028758.D

Acq: 28 Oct 2022 15:42

Tgt Ion: 105 Resp: 553

Ion Ratio Lower Upper

105 100

120 38.3 38.3 57.5

