

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102822\
 Data File : VW028759.D
 Acq On : 28 Oct 2022 16:06
 Operator : SY/MD
 Sample : N5233-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHAA4

Quant Time: Oct 28 21:54:22 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)

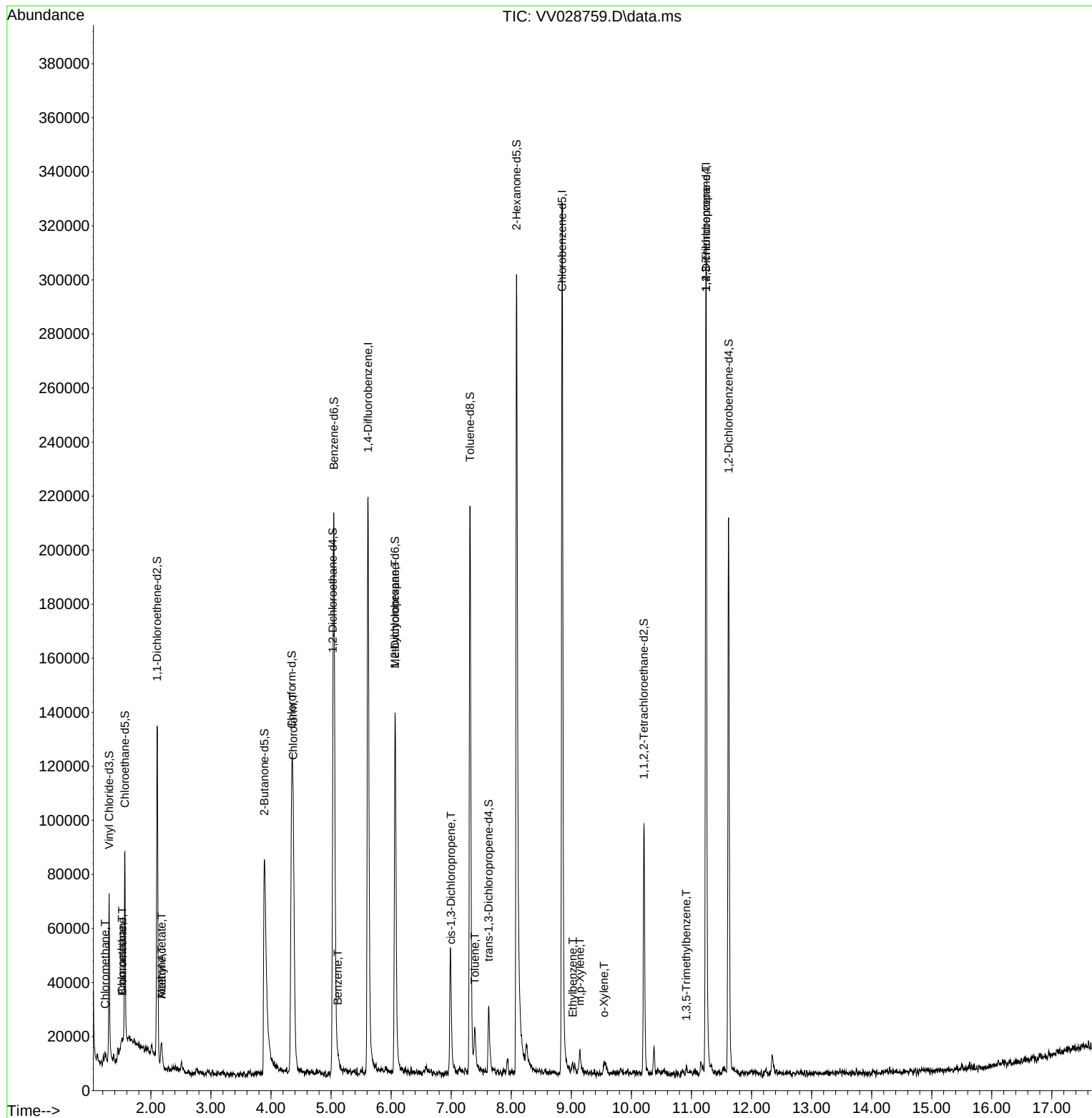
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	174949	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	165721	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	72103	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	42182	3.467	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.400%
7) Chloroethane-d5	1.568	69	45100	4.384	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.600%
11) 1,1-Dichloroethene-d2	2.104	63	68238	2.899	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.000%#
20) 2-Butanone-d5	3.889	46	168828	60.851	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.700%
24) Chloroform-d	4.346	84	95863	4.537	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
26) 1,2-Dichloroethane-d4	5.030	65	51722	4.825	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
32) Benzene-d6	5.047	84	178982	4.038	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.800%
36) 1,2-Dichloropropane-d6	6.066	67	66719	4.756	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.200%
41) Toluene-d8	7.313	98	137092	3.964	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.200%
43) trans-1,3-Dichloroprop...	7.625	79	15092	3.463	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.200%
46) 2-Hexanone-d5	8.088	63	110955	54.688	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.380%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	45549	4.896	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.000%
66) 1,2-Dichlorobenzene-d4	11.619	152	49655	4.993	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	2095	0.152	ug/L	94
6) Bromomethane	1.523	94	801	0.123	ug/L	88
8) Chloroethane	1.519	64	13553	1.456	ug/L #	52
13) Acetone	2.178	43	15458	9.387	ug/L	91
15) Methyl Acetate	2.178	43	14120	2.826	ug/L #	59
25) Chloroform	4.371	83	71383	3.142	ug/L	99
33) Benzene	5.111	78	2664	0.054	ug/L	100
35) Methylcyclohexane	6.066	83	13823	0.816	ug/L #	16
39) cis-1,3-Dichloropropene	6.998	75	1528	0.100	ug/L	92
42) Toluene	7.394	91	11872	0.253	ug/L	95
52) Ethylbenzene	9.024	91	1827	0.035	ug/L	92
53) m,p-Xylene	9.143	106	2287	0.121	ug/L	97
54) o-Xylene	9.545	106	1124	0.059	ug/L	100
61) 1,2,3-Trichloropropane	11.242	75	11988	1.936	ug/L #	71
62) 1,3,5-Trimethylbenzene	10.914	105	1449	0.109	ug/L	97

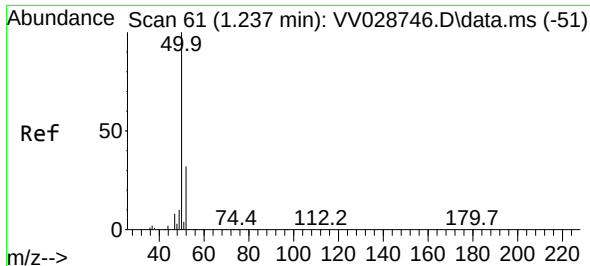
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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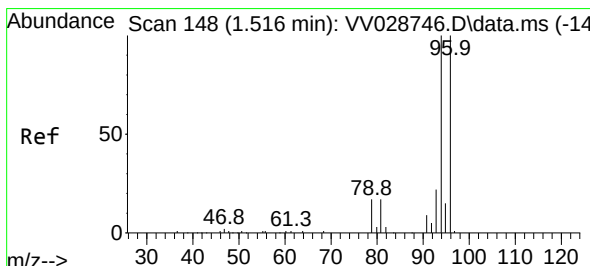
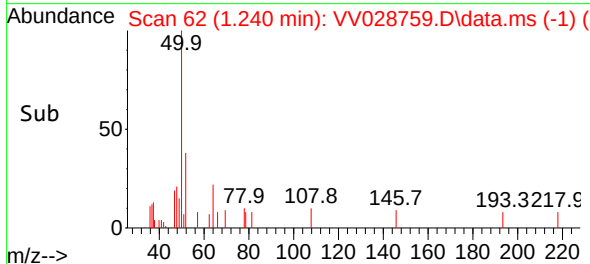
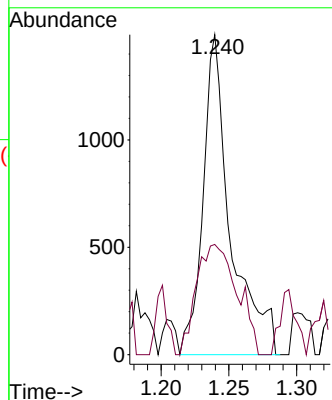
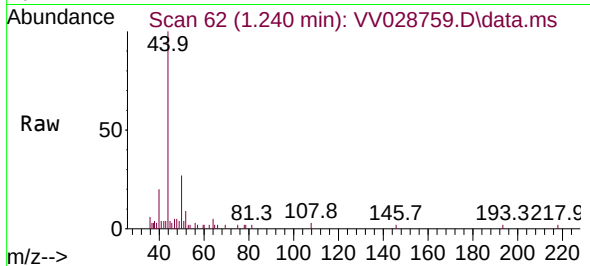




#3
Chloromethane
Concen: 0.152 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV028759.D
Acq: 28 Oct 2022 16:06

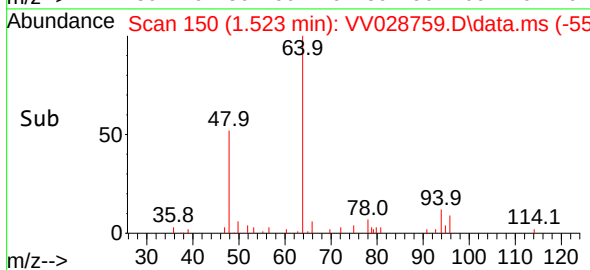
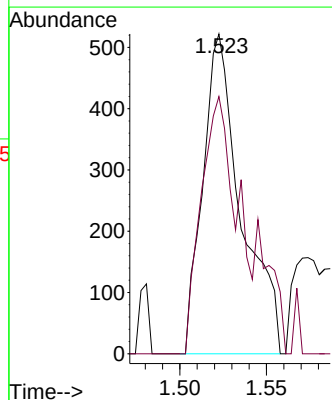
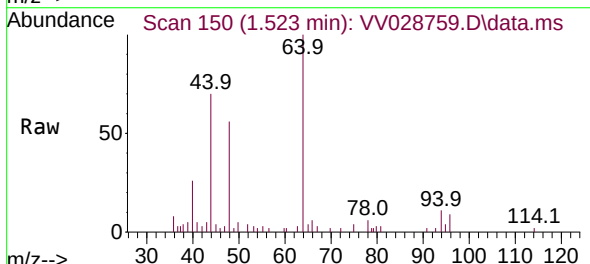
Instrument :
MSVOA_V
ClientSampleId :
BHAA4

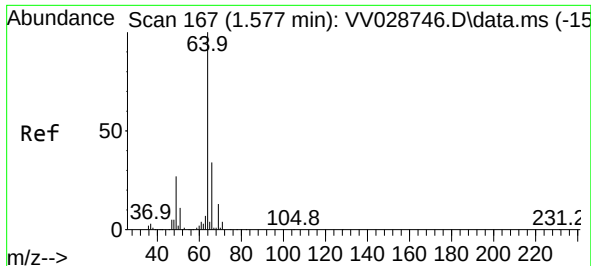
Tgt Ion: 50 Resp: 2095
Ion Ratio Lower Upper
50 100
52 34.4 21.8 40.6



#6
Bromomethane
Concen: 0.123 ug/L
RT: 1.523 min Scan# 150
Delta R.T. 0.006 min
Lab File: VV028759.D
Acq: 28 Oct 2022 16:06

Tgt Ion: 94 Resp: 801
Ion Ratio Lower Upper
94 100
96 80.5 64.3 119.3

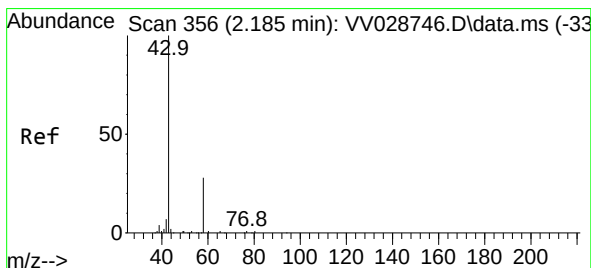
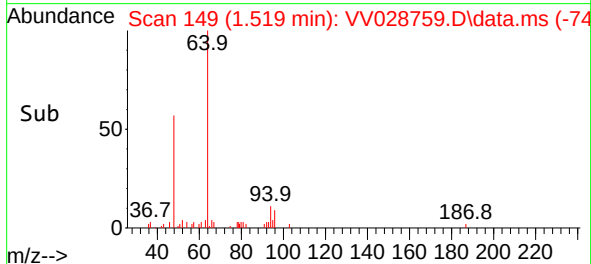
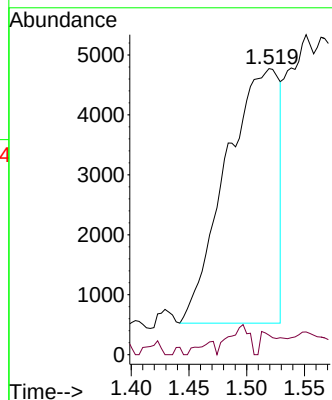
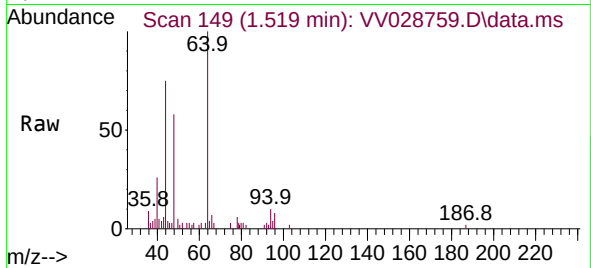




#8
Chloroethane
Concen: 1.456 ug/L
RT: 1.519 min Scan# 14
Delta R.T. -0.058 min
Lab File: VV028759.D
Acq: 28 Oct 2022 16:06

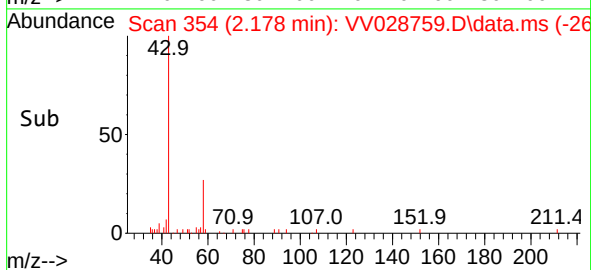
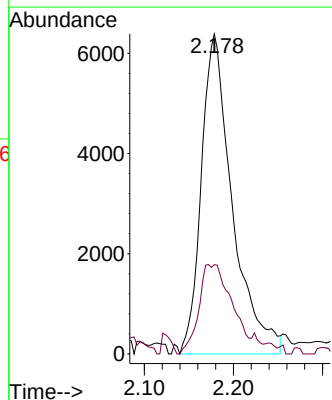
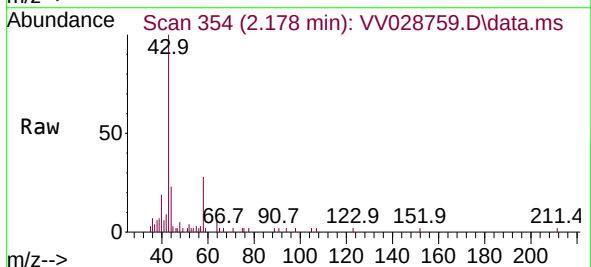
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MSVOA_V
ClientSampleId :
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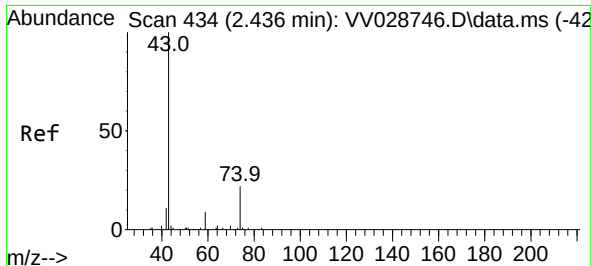
Tgt Ion: 64 Resp: 13553
Ion Ratio Lower Upper
64 100
66 6.6 23.9 44.5#



#13
Acetone
Concen: 9.387 ug/L
RT: 2.178 min Scan# 354
Delta R.T. -0.007 min
Lab File: VV028759.D
Acq: 28 Oct 2022 16:06

Tgt Ion: 43 Resp: 15458
Ion Ratio Lower Upper
43 100
58 29.8 0.0 50.2

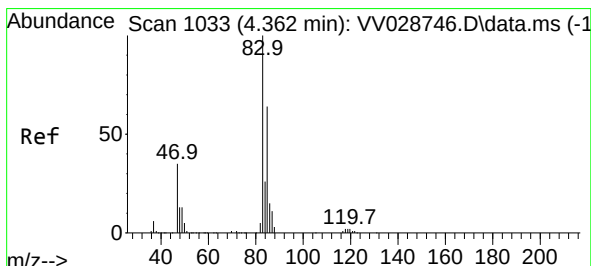
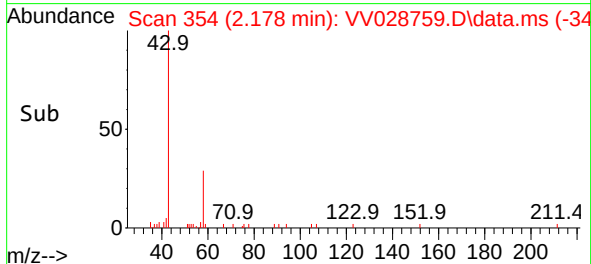
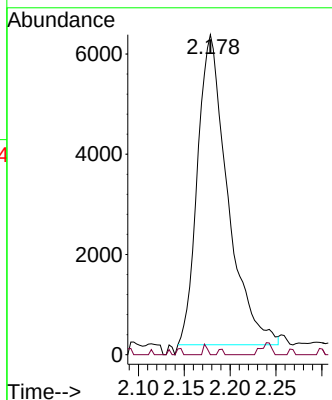
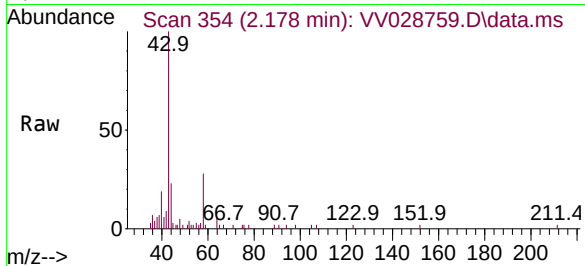




#15
Methyl Acetate
Concen: 2.826 ug/L
RT: 2.178 min Scan# 31
Delta R.T. -0.257 min
Lab File: VV028759.D
Acq: 28 Oct 2022 16:06

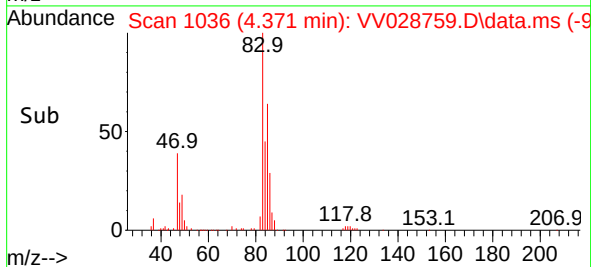
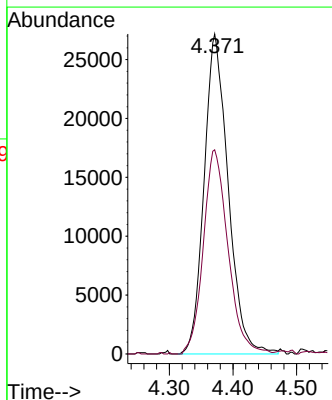
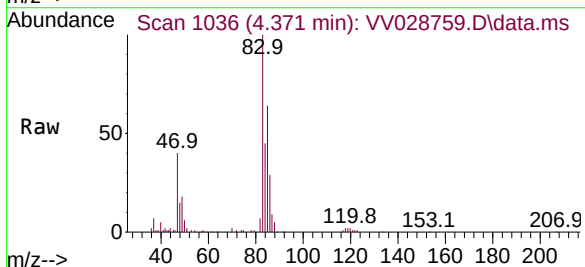
Instrument :
MSVOA_V
ClientSampleId :
BHAA4

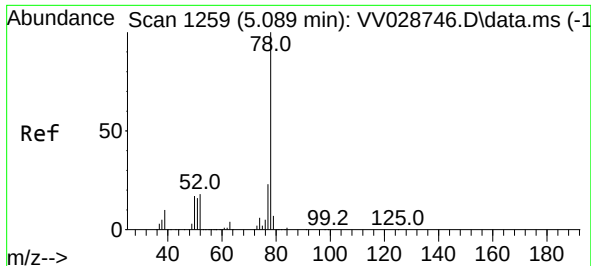
Tgt Ion: 43 Resp: 14120
Ion Ratio Lower Upper
43 100
74 0.4 14.9 22.3#



#25
Chloroform
Concen: 3.142 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. 0.009 min
Lab File: VV028759.D
Acq: 28 Oct 2022 16:06

Tgt Ion: 83 Resp: 71383
Ion Ratio Lower Upper
83 100
85 63.8 44.1 81.9

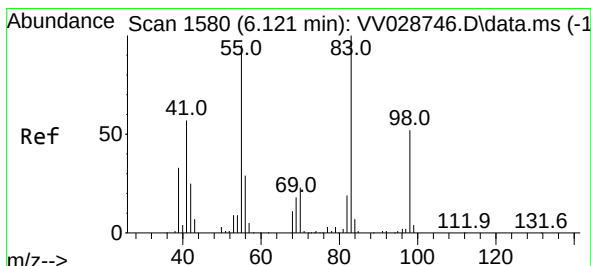
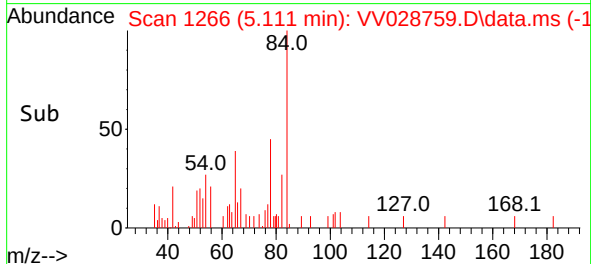
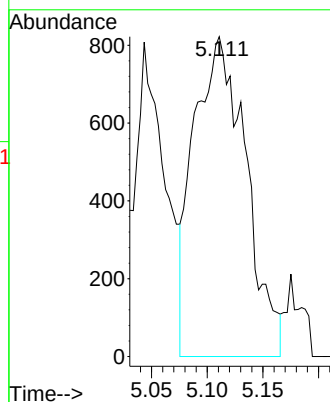
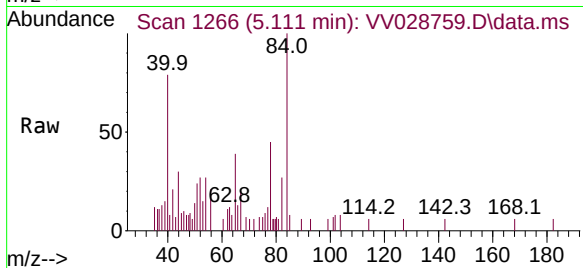




#33
Benzene
Concen: 0.054 ug/L
RT: 5.111 min Scan# 11
Delta R.T. 0.022 min
Lab File: VV028759.D
Acq: 28 Oct 2022 16:06

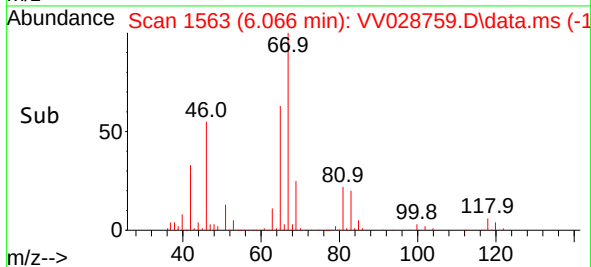
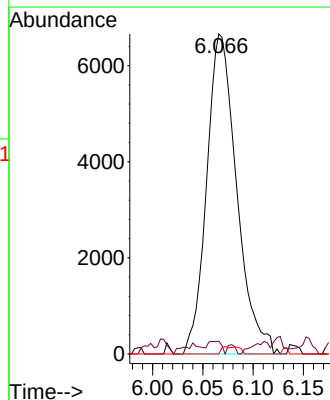
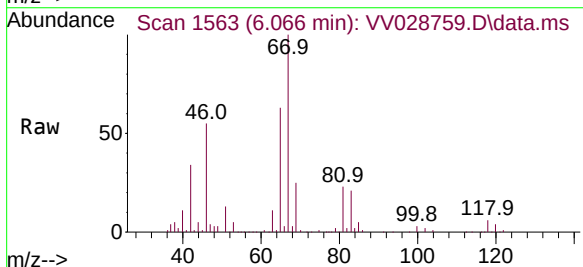
Instrument :
MSVOA_V
ClientSampleId :
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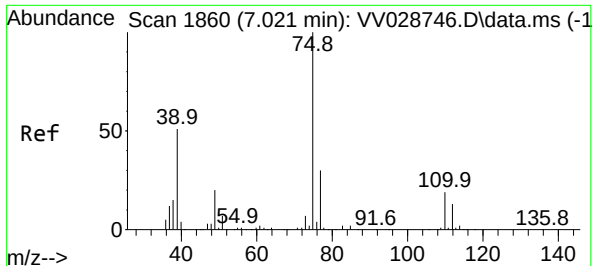
Tgt Ion: 78 Resp: 2664



#35
Methylcyclohexane
Concen: 0.816 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.055 min
Lab File: VV028759.D
Acq: 28 Oct 2022 16:06

Tgt Ion: 83 Resp: 13823
Ion Ratio Lower Upper
83 100
55 1.7 70.0 105.0#
98 0.0 35.6 53.4#





#39

cis-1,3-Dichloropropene

Concen: 0.100 ug/L

RT: 6.998 min Scan# 1853

Delta R.T. -0.023 min

Lab File: VV028759.D

Acq: 28 Oct 2022 16:06

Instrument :

MSVOA_V

ClientSampleId :

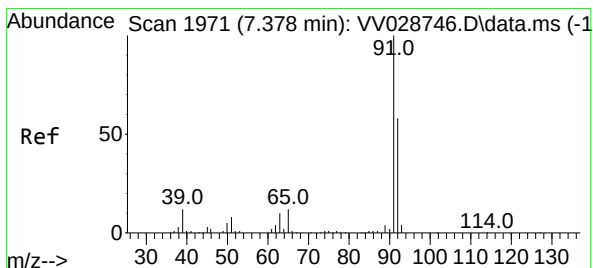
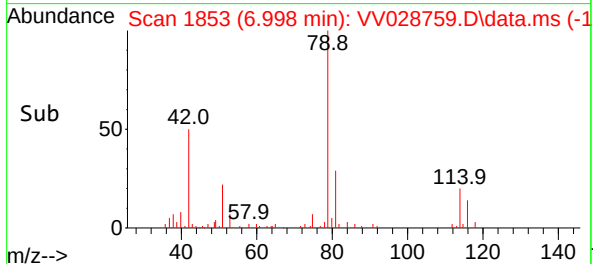
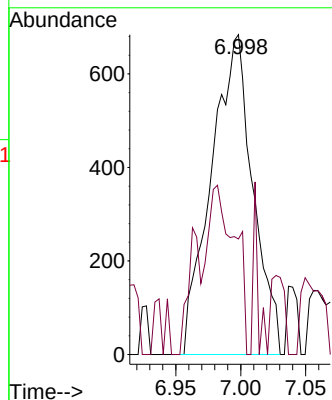
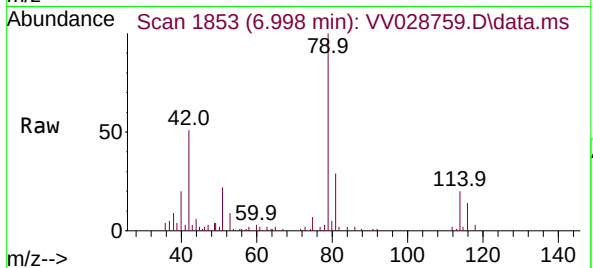
BHAA4

Tgt Ion: 75 Resp: 1528

Ion Ratio Lower Upper

75 100

77 36.1 22.1 41.1



#42

Toluene

Concen: 0.253 ug/L

RT: 7.394 min Scan# 1976

Delta R.T. 0.016 min

Lab File: VV028759.D

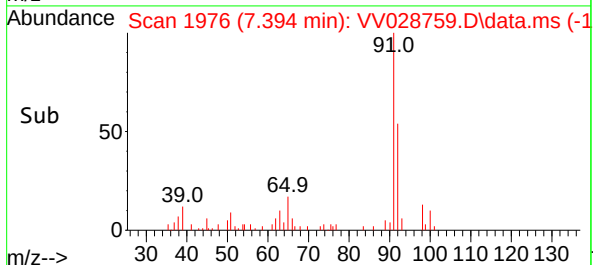
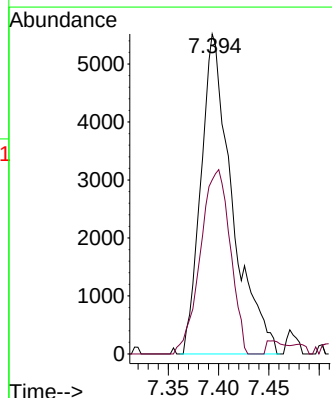
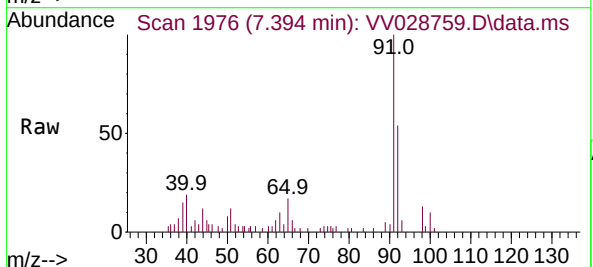
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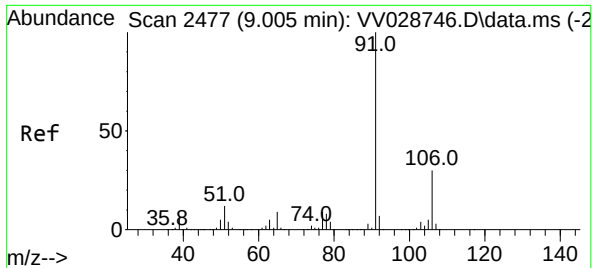
Tgt Ion: 91 Resp: 11872

Ion Ratio Lower Upper

91 100

92 54.4 40.5 75.3

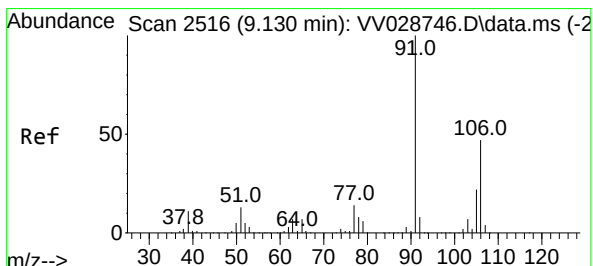
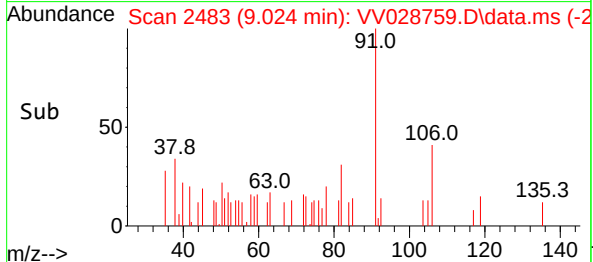
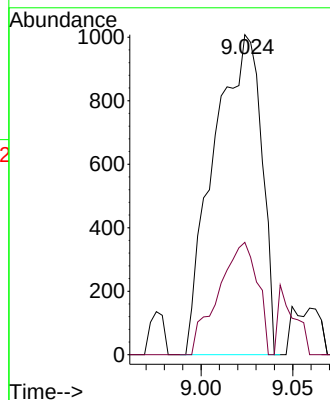
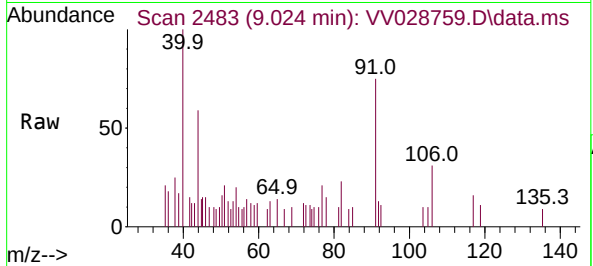




#52
Ethylbenzene
Concen: 0.035 ug/L
RT: 9.024 min Scan# 2477
Delta R.T. 0.019 min
Lab File: VV028759.D
Acq: 28 Oct 2022 16:06

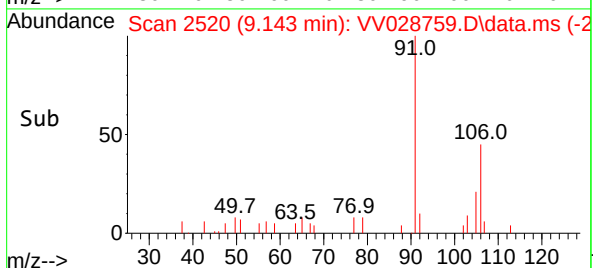
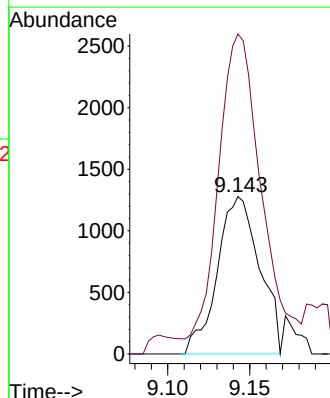
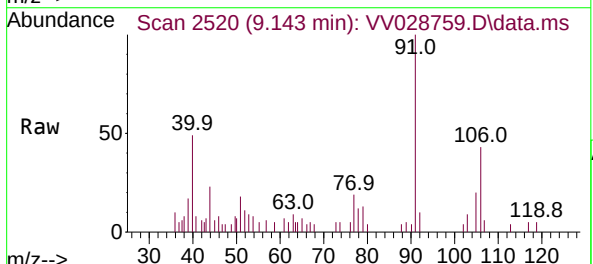
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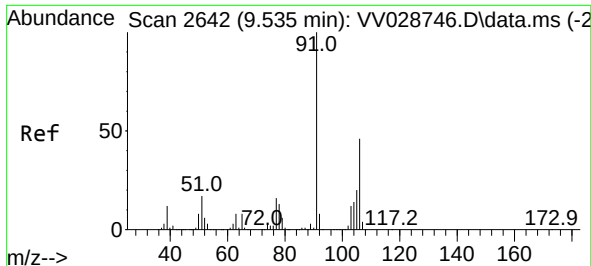
Tgt Ion: 91 Resp: 1827
Ion Ratio Lower Upper
91 100
106 35.1 21.3 39.6



#53
m,p-Xylene
Concen: 0.121 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.013 min
Lab File: VV028759.D
Acq: 28 Oct 2022 16:06

Tgt Ion: 106 Resp: 2287
Ion Ratio Lower Upper
106 100
91 203.2 145.5 270.1

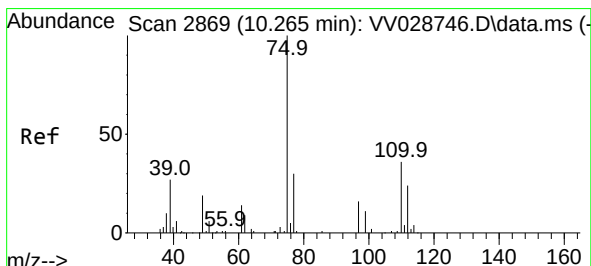
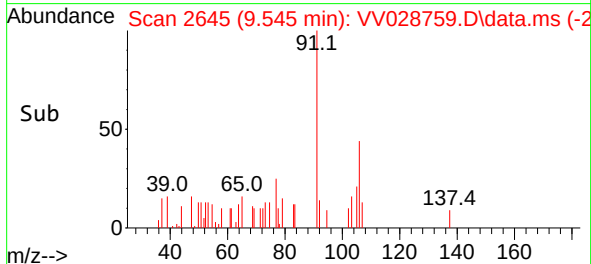
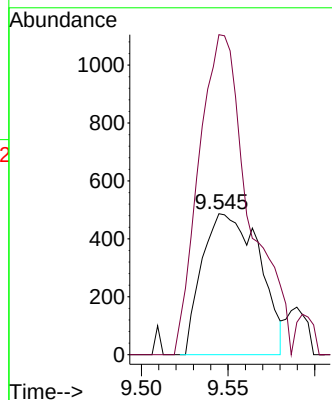
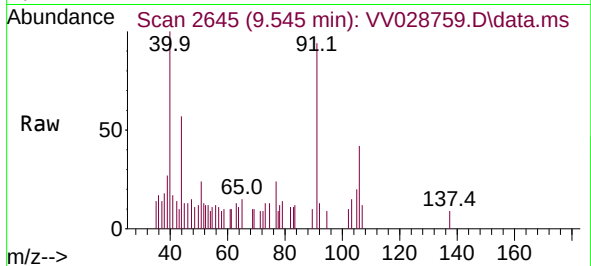




#54
o-Xylene
Concen: 0.059 ug/L
RT: 9.545 min Scan# 21
Delta R.T. 0.009 min
Lab File: VV028759.D
Acq: 28 Oct 2022 16:06

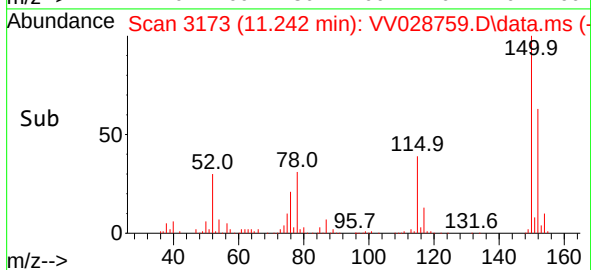
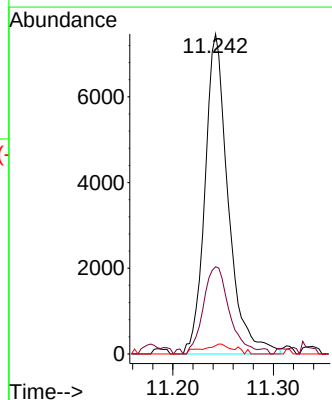
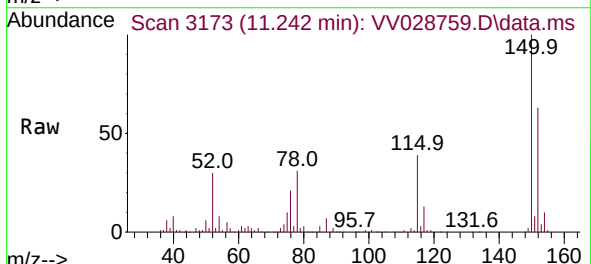
Instrument :
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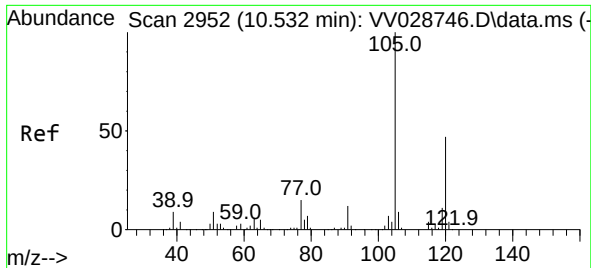
Tgt Ion:106 Resp: 1124
Ion Ratio Lower Upper
106 100
91 226.9 159.0 295.4



#61
1,2,3-Trichloropropane
Concen: 1.936 ug/L
RT: 11.242 min Scan# 3173
Delta R.T. 0.977 min
Lab File: VV028759.D
Acq: 28 Oct 2022 16:06

Tgt Ion: 75 Resp: 11988
Ion Ratio Lower Upper
75 100
77 30.4 25.2 37.8
110 3.5 27.9 41.9#





#62

1,3,5-Trimethylbenzene

Concen: 0.109 ug/L

RT: 10.914 min Scan# 30

Delta R.T. 0.382 min

Lab File: VV028759.D

Acq: 28 Oct 2022 16:06

Instrument :

MSVOA_V

ClientSampleId :

BHAA4

Tgt Ion:105 Resp: 1449

Ion Ratio Lower Upper

105 100

120 46.2 38.3 57.5

