

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072524\
 Data File : VW029732.D
 Acq On : 25 Jul 2024 13:59
 Operator : SY/MD
 Sample : P3344-04
 Misc : 5.19g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BHB20

Quant Time: Jul 26 01:28:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jul 25 01:35:38 2024
 Response via : Initial Calibration

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

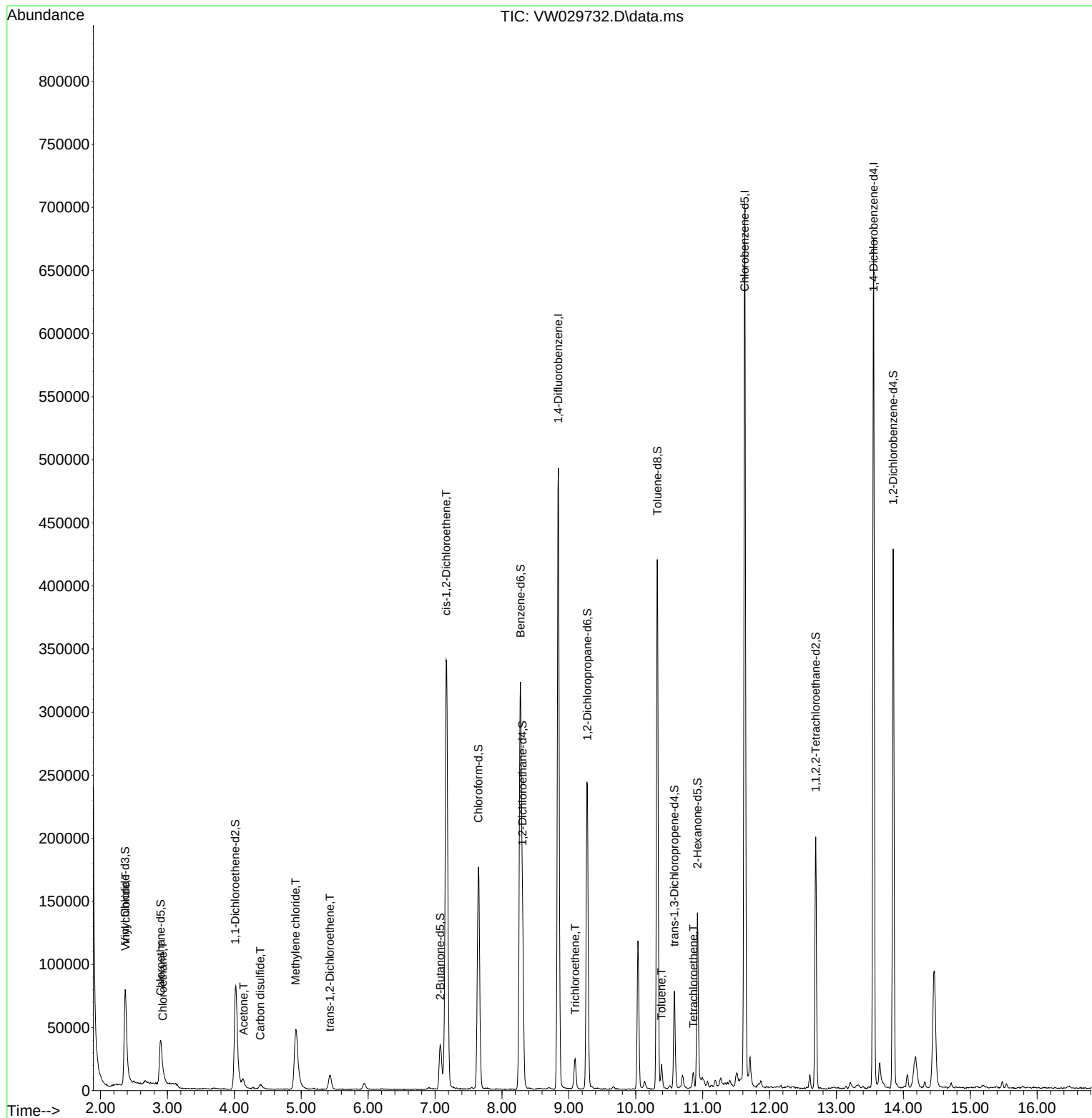
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	376159	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	346930	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	160931	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	64756	12.126	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	48.520%
7) Chloroethane-d5	2.899	69	56325	14.773	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.080%
11) 1,1-Dichloroethene-d2	4.015	65	32975	13.527	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.120%
21) 2-Butanone-d5	7.075	46	60608	41.408	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.820%
24) Chloroform-d	7.648	84	176252	18.100	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	72.400%
26) 1,2-Dichloroethane-d4	8.307	65	104404	18.824	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	75.280%
32) Benzene-d6	8.276	84	313172	16.707	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	66.840%
36) 1,2-Dichloropropane-d6	9.276	67	110785	18.509	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	74.040%
41) Toluene-d8	10.325	98	266393	15.983	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	63.920%
43) trans-1,3-Dichloroprop...	10.575	79	40710	16.808	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	67.240%
47) 2-Hexanone-d5	10.922	63	44149	44.733	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.460%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	96353	21.680	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.720%
66) 1,2-Dichlorobenzene-d4	13.849	152	101734	20.359	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.440%
Target Compounds						Qvalue
5) Vinyl chloride	2.375	62	64253	9.140	ug/L	97
8) Chloroethane	2.930	64	4021	1.005	ug/L #	82
13) Acetone	4.137	43	10901	5.993	ug/L	81
14) Carbon disulfide	4.387	76	7802	0.456	ug/L	95
16) Methylene chloride	4.917	84	42527	5.408	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	6436	1.162	ug/L	94
20) cis-1,2-Dichloroethene	7.167	96	191559	31.890	ug/L	92
34) Trichloroethene	9.093	95	7805	1.253	ug/L	90
42) Toluene	10.386	91	11651	0.480	ug/L	97
46) Tetrachloroethene	10.861	164	2382	0.526	ug/L	93

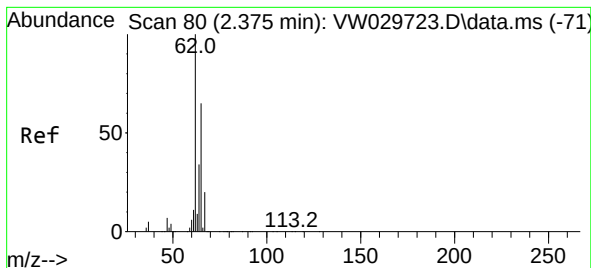
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Thu Jul 25 01:35:38 2024
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 9.140 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.000 min

Lab File: VW029732.D

Acq: 25 Jul 2024 13:59

Instrument :

MSVOA_W

ClientSampleId :

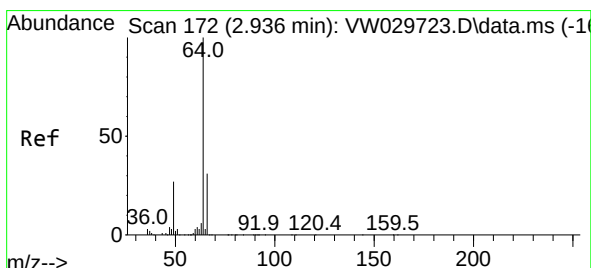
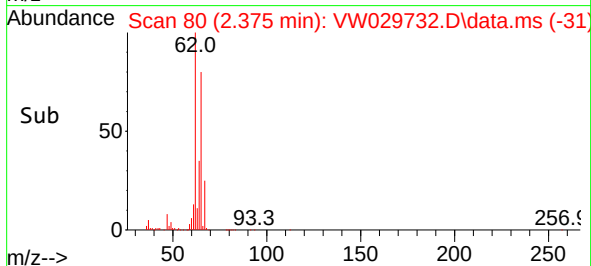
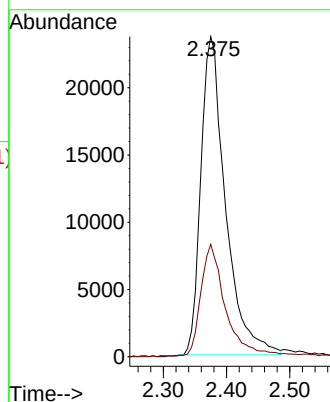
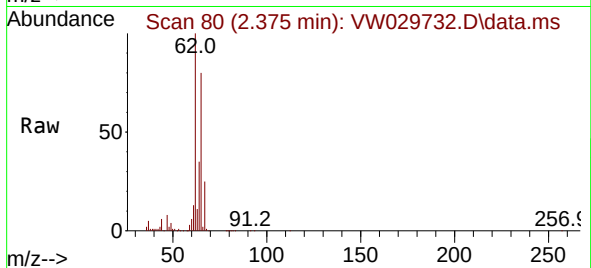
BHB20

Tgt Ion: 62 Resp: 64253

Ion Ratio Lower Upper

62 100

64 35.1 23.2 43.2



#8

Chloroethane

Concen: 1.005 ug/L

RT: 2.930 min Scan# 171

Delta R.T. -0.006 min

Lab File: VW029732.D

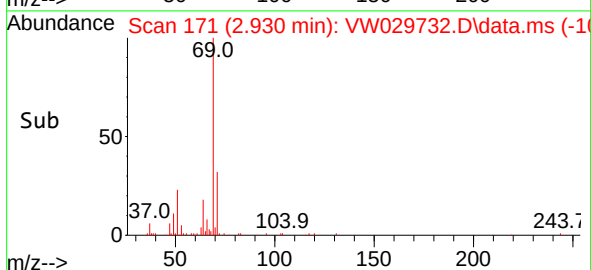
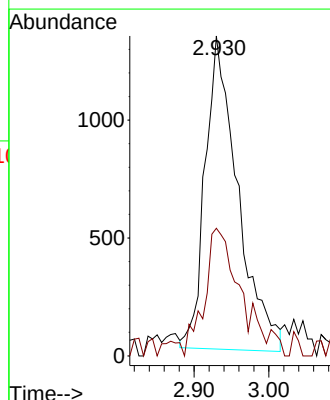
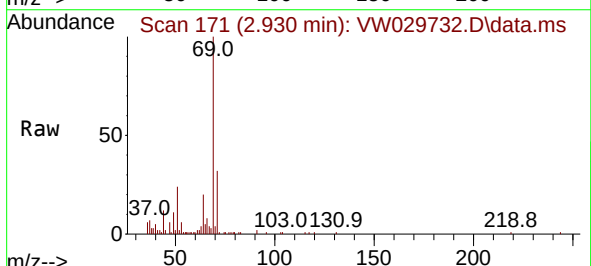
Acq: 25 Jul 2024 13:59

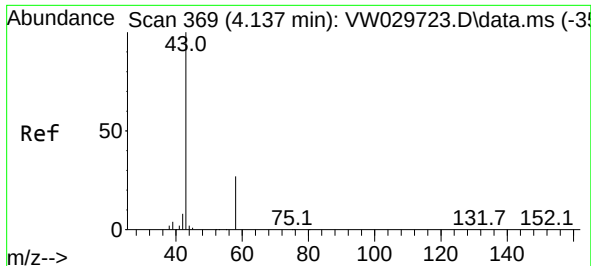
Tgt Ion: 64 Resp: 4021

Ion Ratio Lower Upper

64 100

66 39.9 21.2 39.4#





#13

Acetone

Concen: 5.993 ug/L

RT: 4.137 min Scan# 30

Delta R.T. 0.012 min

Lab File: VW029732.D

Acq: 25 Jul 2024 13:59

Instrument :

MSVOA_W

ClientSampleId :

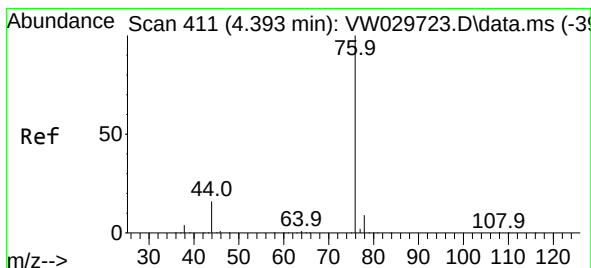
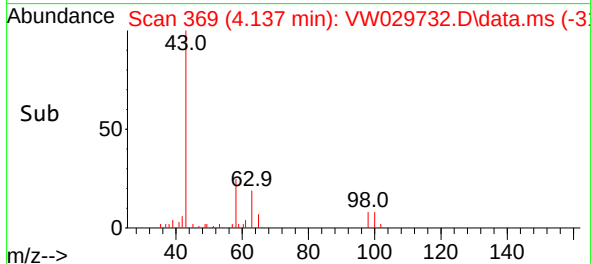
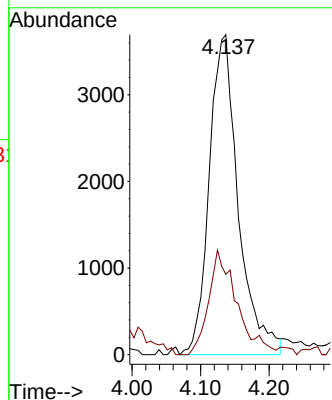
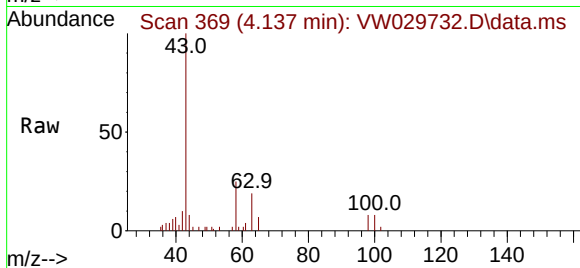
BHB20

Tgt Ion: 43 Resp: 10901

Ion Ratio Lower Upper

43 100

58 18.8 0.0 57.6



#14

Carbon disulfide

Concen: 0.456 ug/L

RT: 4.387 min Scan# 410

Delta R.T. -0.006 min

Lab File: VW029732.D

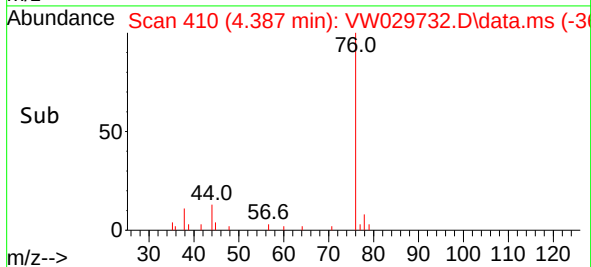
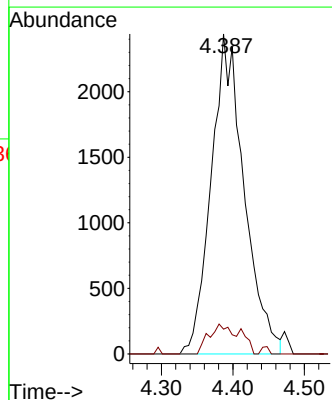
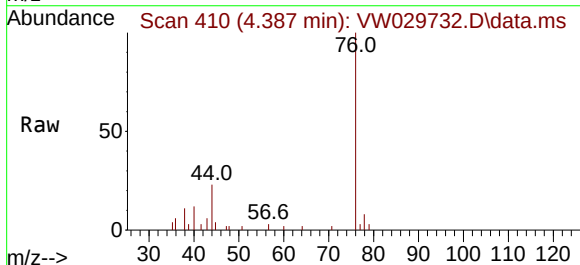
Acq: 25 Jul 2024 13:59

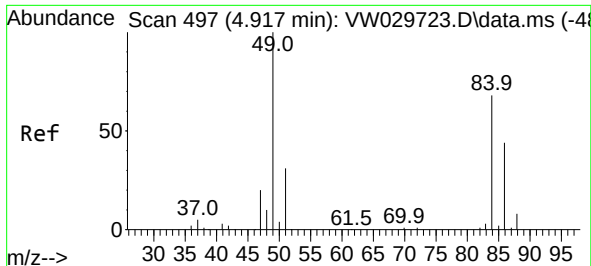
Tgt Ion: 76 Resp: 7802

Ion Ratio Lower Upper

76 100

78 7.7 7.6 11.4



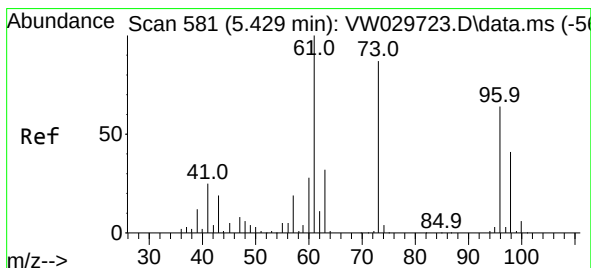
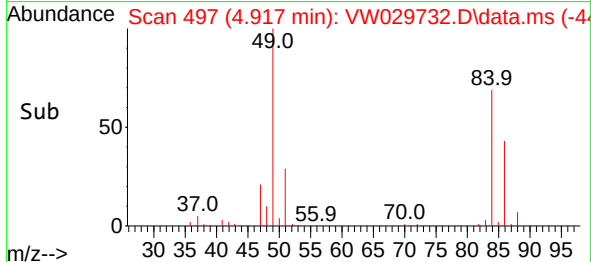
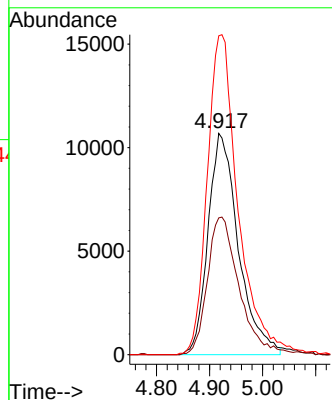
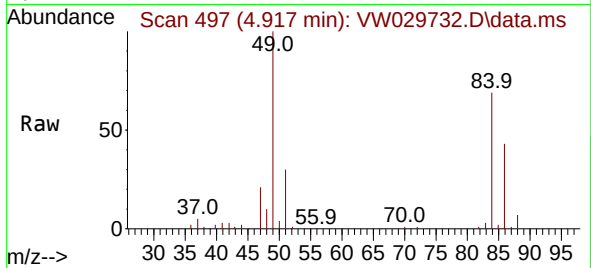


#16
Methylene chloride
Concen: 5.408 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW029732.D
Acq: 25 Jul 2024 13:59

Instrument :
MSVOA_W
ClientSampleId :
BHB20

Tgt Ion: 84 Resp: 42527

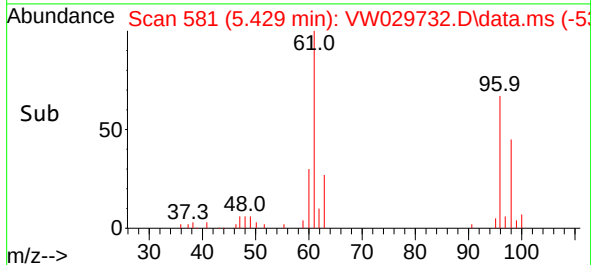
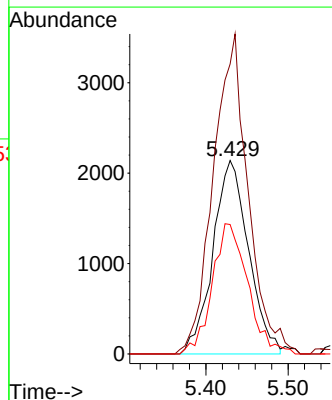
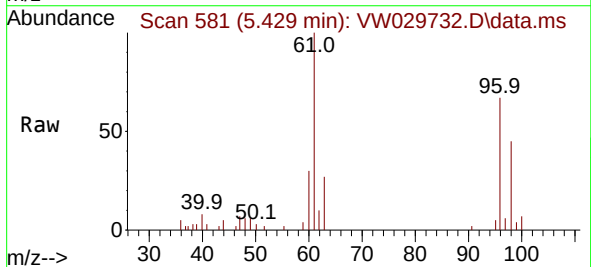
Ion	Ratio	Lower	Upper
84	100		
86	61.8	44.7	82.9
49	144.1	99.0	184.0

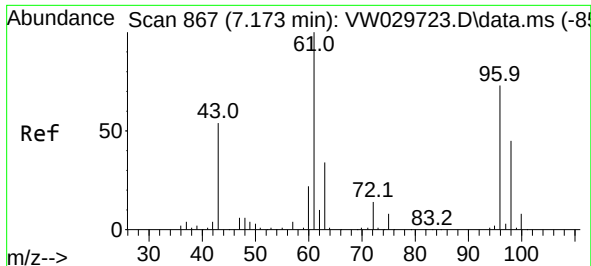


#17
trans-1,2-Dichloroethene
Concen: 1.162 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW029732.D
Acq: 25 Jul 2024 13:59

Tgt Ion: 96 Resp: 6436

Ion	Ratio	Lower	Upper
96	100		
61	149.9	111.2	206.6
98	66.9	45.0	83.6

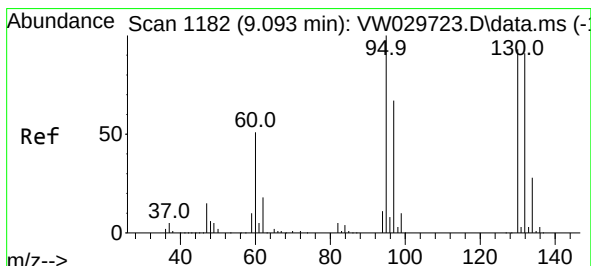
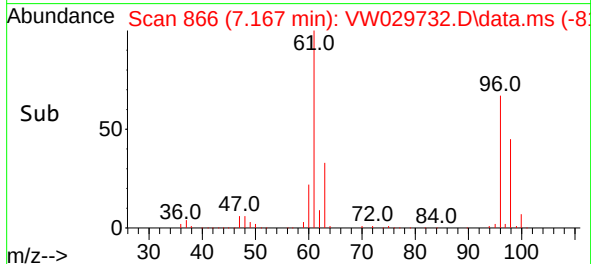
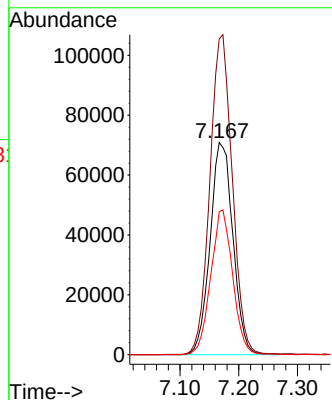
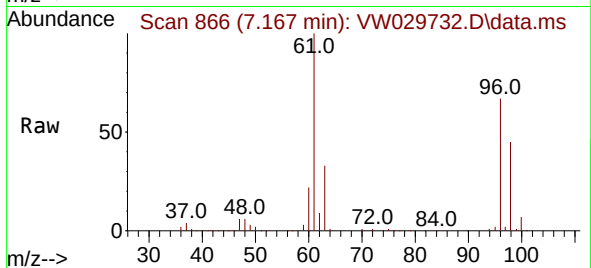




#20
 cis-1,2-Dichloroethene
 Concen: 31.890 ug/L
 RT: 7.167 min Scan# 866
 Delta R.T. -0.006 min
 Lab File: VW029732.D
 Acq: 25 Jul 2024 13:59

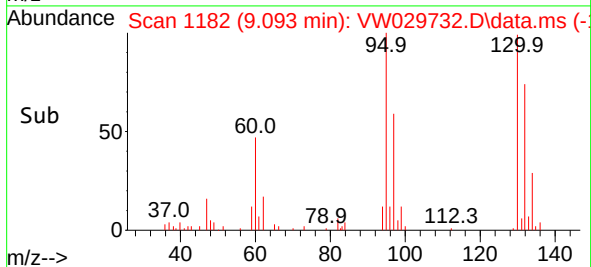
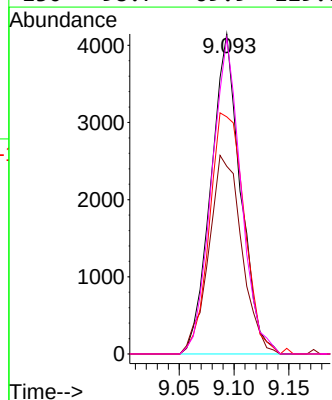
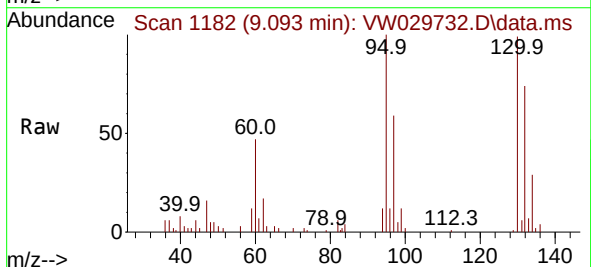
Instrument :
 MSVOA_W
 ClientSampleId :
 BHB20

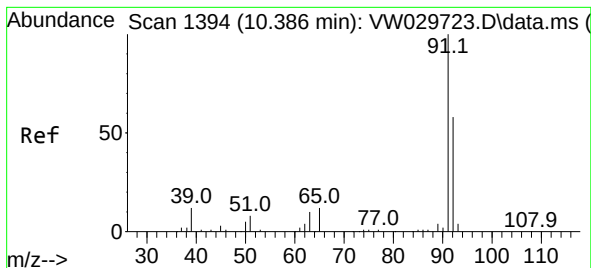
Tgt Ion: 96 Resp: 191559
 Ion Ratio Lower Upper
 96 100
 61 148.8 98.2 182.4
 98 67.3 41.9 77.9



#34
 Trichloroethene
 Concen: 1.253 ug/L
 RT: 9.093 min Scan# 1182
 Delta R.T. 0.000 min
 Lab File: VW029732.D
 Acq: 25 Jul 2024 13:59

Tgt Ion: 95 Resp: 7805
 Ion Ratio Lower Upper
 95 100
 97 58.6 45.6 84.8
 132 74.1 65.2 121.0
 130 98.7 69.9 129.7





#42

Toluene

Concen: 0.480 ug/L

RT: 10.386 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW029732.D

Acq: 25 Jul 2024 13:59

Instrument :

MSVOA_W

ClientSampleId :

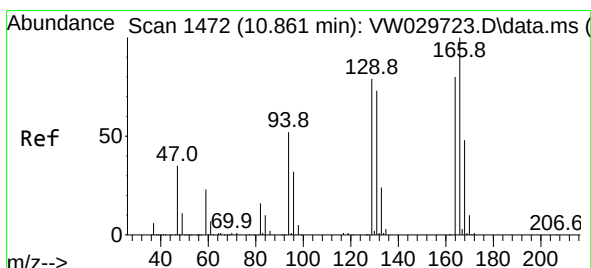
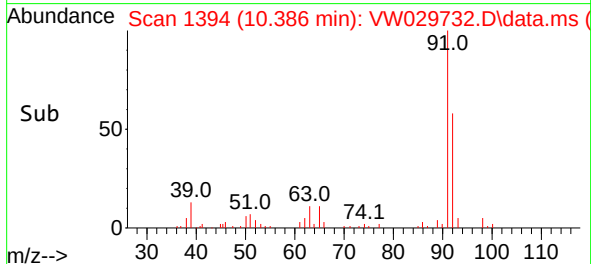
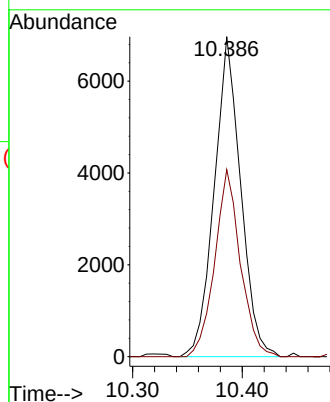
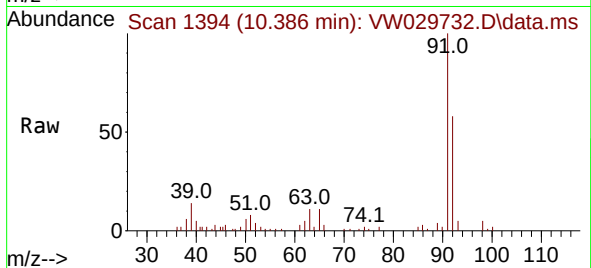
BHB20

Tgt Ion: 91 Resp: 11651

Ion Ratio Lower Upper

91 100

92 58.4 39.5 73.4



#46

Tetrachloroethene

Concen: 0.526 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW029732.D

Acq: 25 Jul 2024 13:59

Tgt Ion:164 Resp: 2382

Ion Ratio Lower Upper

164 100

129 104.7 77.8 144.6

131 92.7 70.9 131.7

166 124.6 91.5 169.9

