

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072524\
 Data File : VW029737.D
 Acq On : 25 Jul 2024 15:59
 Operator : SY/MD
 Sample : P3344-09
 Misc : 4.75g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BHB25

Quant Time: Jul 26 01:29:21 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

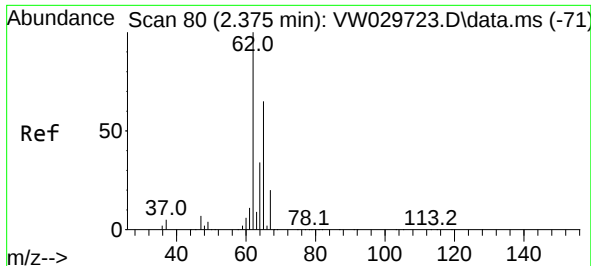
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	284516	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	237708	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	85035	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.375	65	64931	16.075	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.320%
7) Chloroethane-d5	2.899	69	46866	16.252	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.000%
11) 1,1-Dichloroethene-d2	4.021	65	25056	13.589	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.360%
21) 2-Butanone-d5	7.075	46	74579	67.366	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	134.740%
24) Chloroform-d	7.648	84	141793	19.252	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	77.000%
26) 1,2-Dichloroethane-d4	8.307	65	93497	22.287	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.160%
32) Benzene-d6	8.276	84	243992	18.997	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.000%
36) 1,2-Dichloropropane-d6	9.270	67	92068	22.450	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.800%
41) Toluene-d8	10.319	98	194463	17.028	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	68.120%
43) trans-1,3-Dichloroprop...	10.575	79	33064	19.924	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.680%
47) 2-Hexanone-d5	10.922	63	53356	78.901	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	157.800%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	91097	29.916	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	119.680%
66) 1,2-Dichlorobenzene-d4	13.848	152	58230	22.053	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.200%

Target Compounds						Qvalue
5) Vinyl chloride	2.381	62	2209311	415.484	ug/L	98
13) Acetone	4.125	43	27571	20.040	ug/L	97
14) Carbon disulfide	4.387	76	21490	1.661	ug/L	97
15) Methyl Acetate	4.673	43	3384	1.477	ug/L	96
16) Methylene chloride	4.917	84	13016	2.188	ug/L	99
17) trans-1,2-Dichloroethene	5.423	96	223316	53.316	ug/L	98
19) 1,1-Dichloroethane	6.216	63	4637	0.525	ug/L #	82
20) cis-1,2-Dichloroethene	7.167	96	60376	13.289	ug/L	92
22) 2-Butanone	7.179	43	8490	4.816	ug/L	85
34) Trichloroethene	9.087	95	2915	0.683	ug/L	83
42) Toluene	10.386	91	226796	13.642	ug/L	100
46) Tetrachloroethene	10.855	164	16023	5.163	ug/L	84
52) Ethylbenzene	11.727	91	7206	0.384	ug/L	89
53) m,p-Xylene	11.831	106	7370	1.069	ug/L	93
54) o-Xylene	12.160	106	3949	0.622	ug/L	96

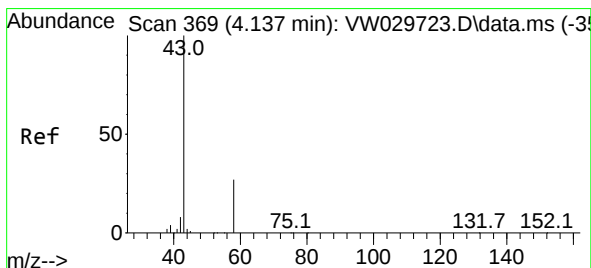
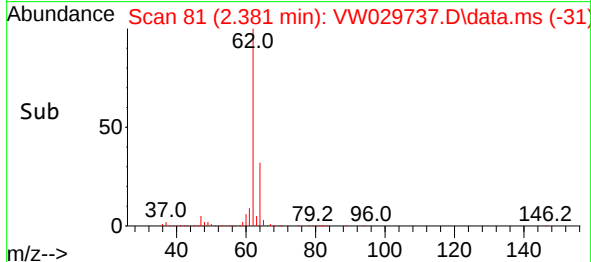
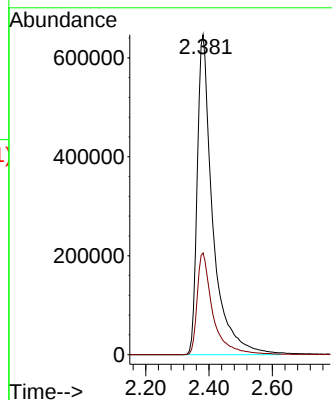
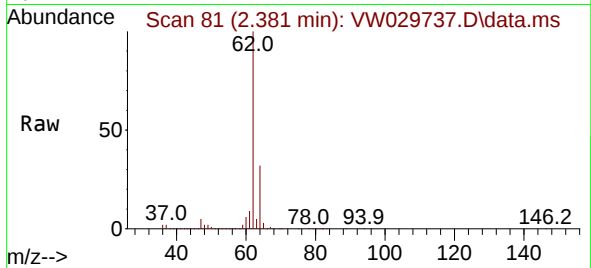
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#5
 Vinyl chloride
 Concen: 415.484 ug/L
 RT: 2.381 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VW029737.D
 Acq: 25 Jul 2024 15:59

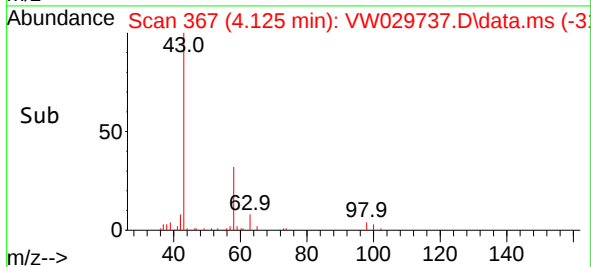
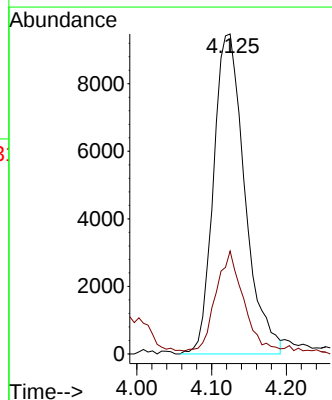
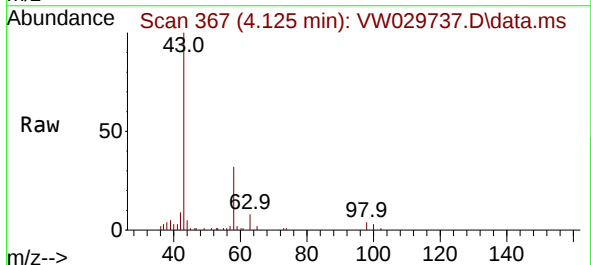
Instrument :
 MSVOA_W
 ClientSampleId :
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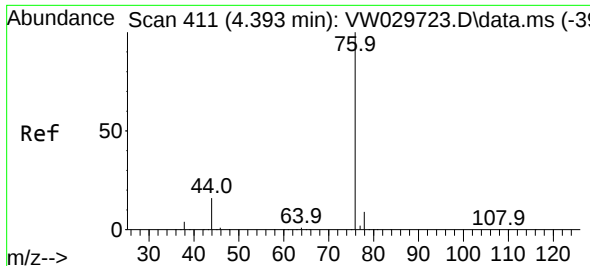
Tgt Ion: 62 Resp: 2209311
 Ion Ratio Lower Upper
 62 100
 64 31.8 23.2 43.2



#13
 Acetone
 Concen: 20.040 ug/L
 RT: 4.125 min Scan# 367
 Delta R.T. 0.000 min
 Lab File: VW029737.D
 Acq: 25 Jul 2024 15:59

Tgt Ion: 43 Resp: 27571
 Ion Ratio Lower Upper
 43 100
 58 27.4 0.0 57.6

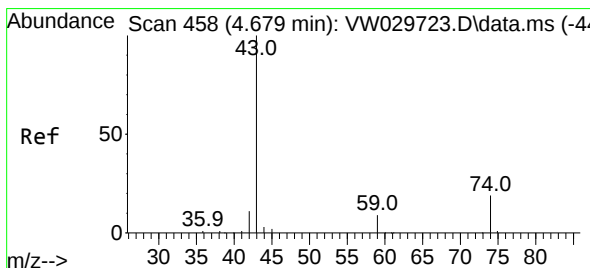
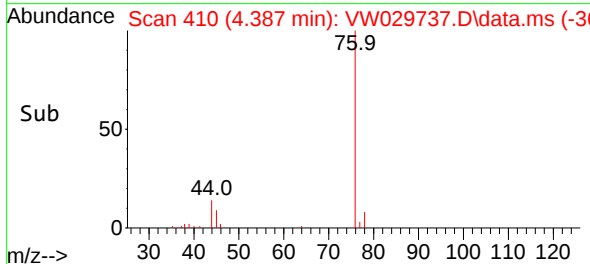
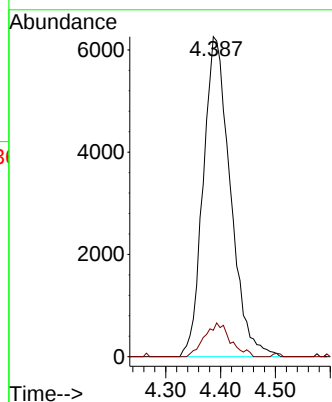
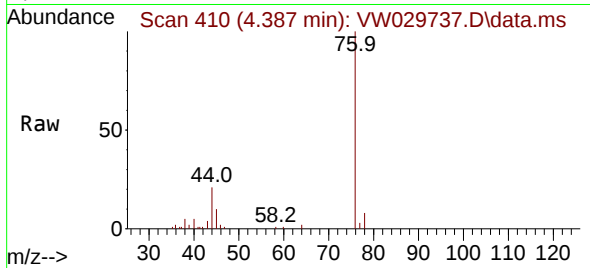




#14
Carbon disulfide
Concen: 1.661 ug/L
RT: 4.387 min Scan# 411
Delta R.T. -0.006 min
Lab File: VW029737.D
Acq: 25 Jul 2024 15:59

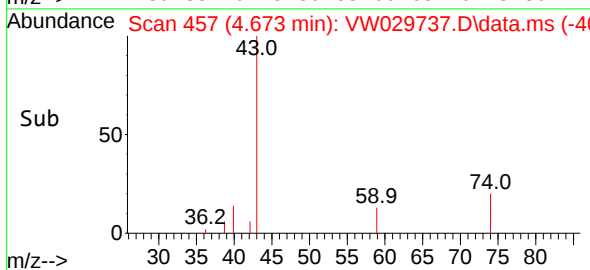
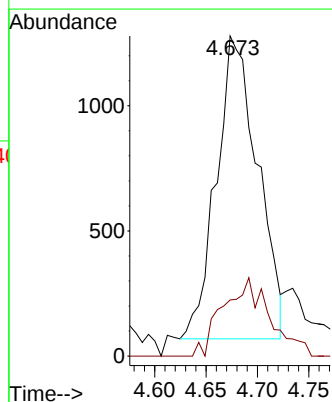
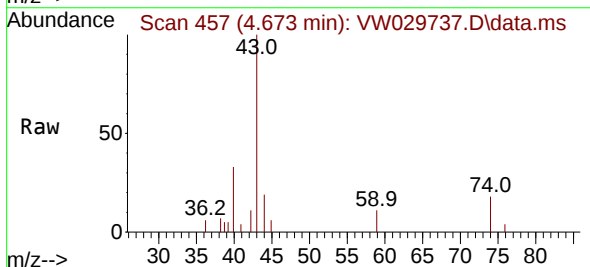
Instrument :
MSVOA_W
ClientSampleId :
BHB25

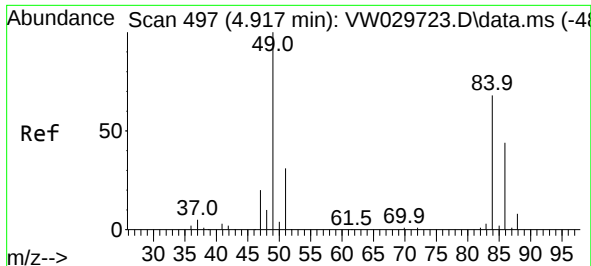
Tgt Ion: 76 Resp: 21490
Ion Ratio Lower Upper
76 100
78 8.2 7.6 11.4



#15
Methyl Acetate
Concen: 1.477 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.000 min
Lab File: VW029737.D
Acq: 25 Jul 2024 15:59

Tgt Ion: 43 Resp: 3384
Ion Ratio Lower Upper
43 100
74 18.8 16.5 24.7

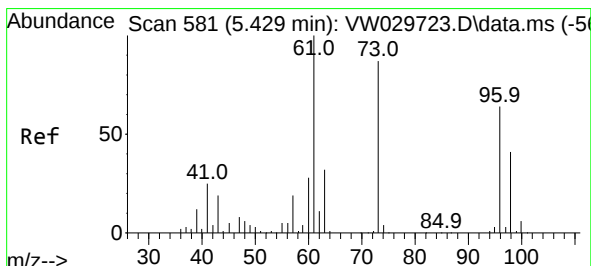
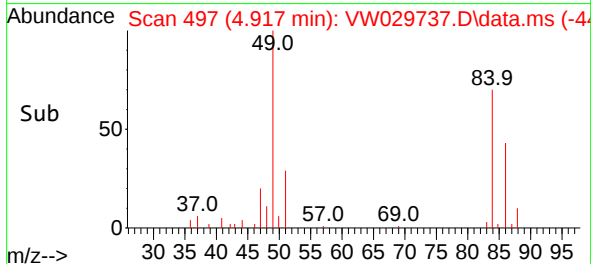
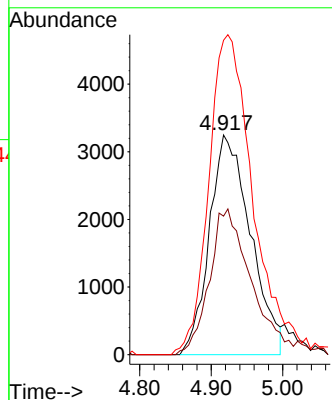
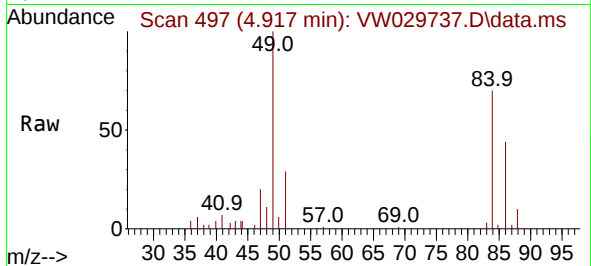




#16
Methylene chloride
Concen: 2.188 ug/L
RT: 4.917 min Scan# 49
Delta R.T. 0.000 min
Lab File: VW029737.D
Acq: 25 Jul 2024 15:59

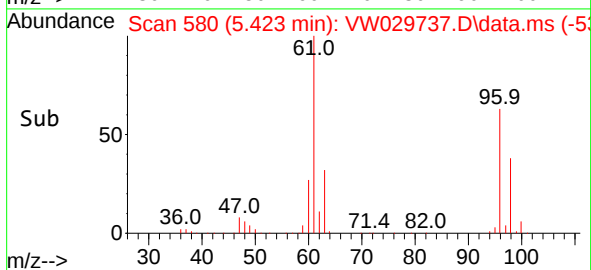
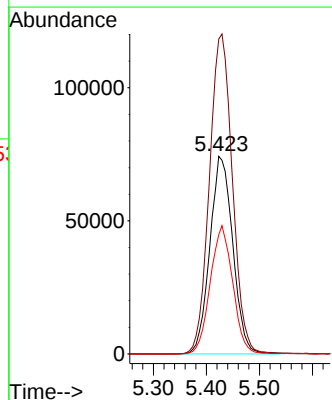
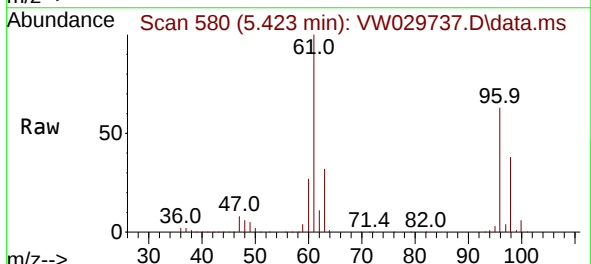
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MSVOA_W
ClientSampleId :
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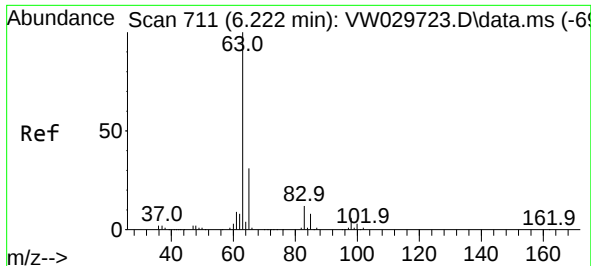
Tgt Ion:	84	Resp:	13016
Ion	Ratio	Lower	Upper
84	100		
86	63.1	44.7	82.9
49	143.1	99.0	184.0



#17
trans-1,2-Dichloroethene
Concen: 53.316 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW029737.D
Acq: 25 Jul 2024 15:59

Tgt Ion:	96	Resp:	223316
Ion	Ratio	Lower	Upper
96	100		
61	159.4	111.2	206.6
98	60.3	45.0	83.6





#19

1,1-Dichloroethane

Concen: 0.525 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW029737.D

Acq: 25 Jul 2024 15:59

Instrument :

MSVOA_W

ClientSampleId :

BHB25

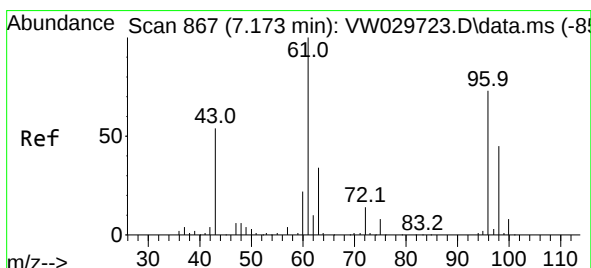
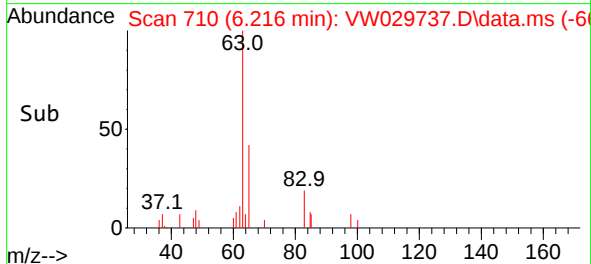
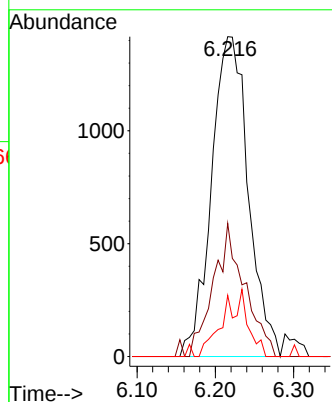
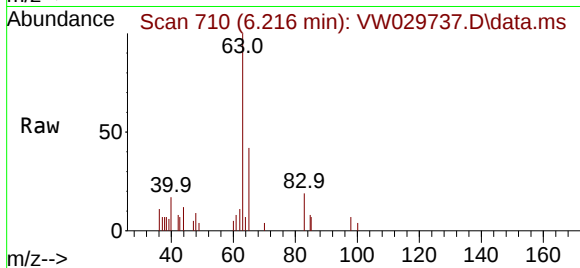
Tgt Ion: 63 Resp: 4637

Ion Ratio Lower Upper

63 100

65 41.6 22.3 41.3#

83 19.1 8.5 15.7#



#20

cis-1,2-Dichloroethene

Concen: 13.289 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW029737.D

Acq: 25 Jul 2024 15:59

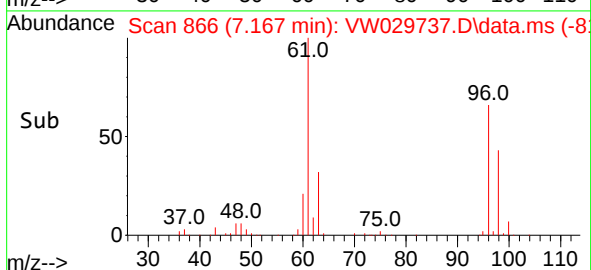
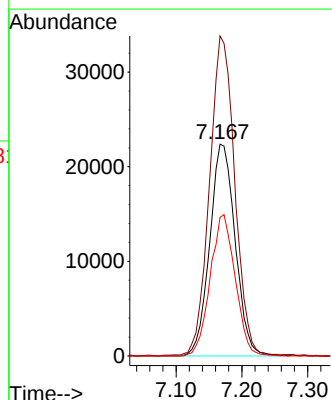
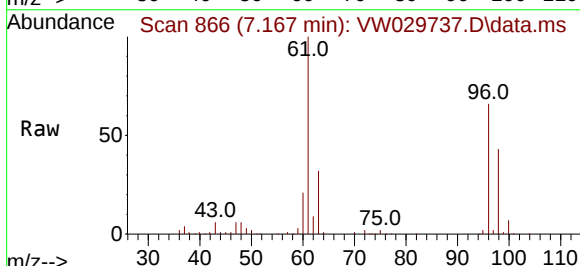
Tgt Ion: 96 Resp: 60376

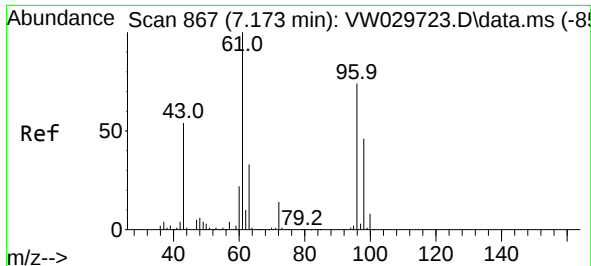
Ion Ratio Lower Upper

96 100

61 151.1 98.2 182.4

98 65.4 41.9 77.9

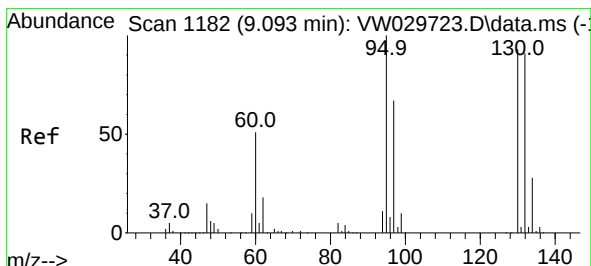
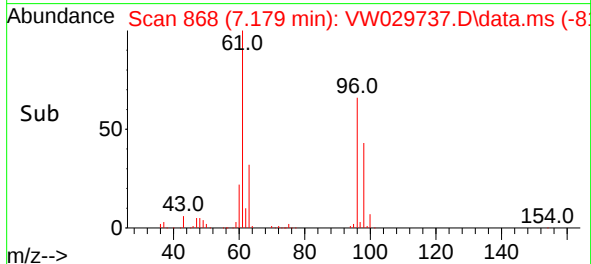
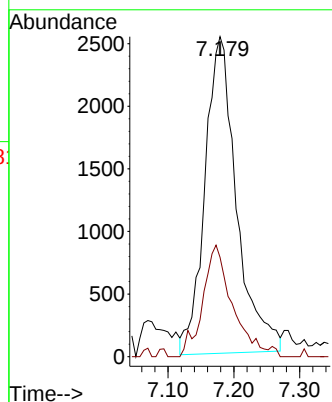
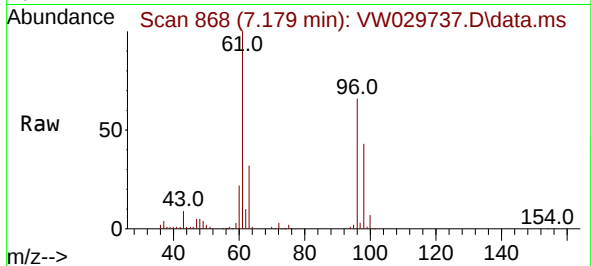




#22
2-Butanone
Concen: 4.816 ug/L
RT: 7.179 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW029737.D
Acq: 25 Jul 2024 15:59

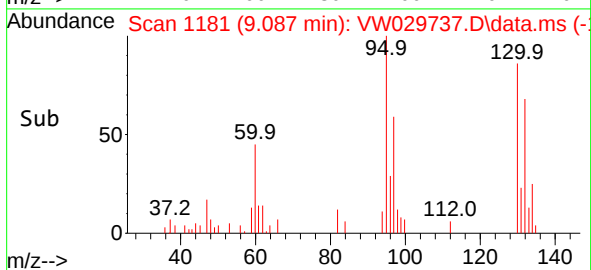
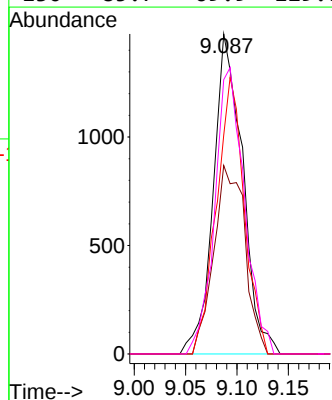
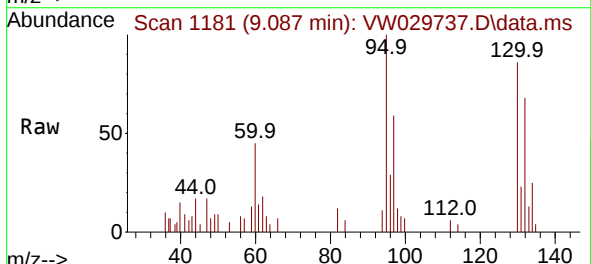
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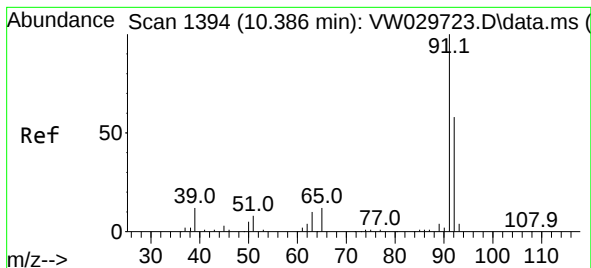
Tgt Ion: 43 Resp: 8490
Ion Ratio Lower Upper
43 100
72 30.8 11.7 35.1



#34
Trichloroethene
Concen: 0.683 ug/L
RT: 9.087 min Scan# 1181
Delta R.T. -0.006 min
Lab File: VW029737.D
Acq: 25 Jul 2024 15:59

Tgt Ion: 95 Resp: 2915
Ion Ratio Lower Upper
95 100
97 58.9 45.6 84.8
132 68.3 65.2 121.0
130 85.7 69.9 129.7





#42

Toluene

Concen: 13.642 ug/L

RT: 10.386 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW029737.D

Acq: 25 Jul 2024 15:59

Instrument :

MSVOA_W

ClientSampleId :

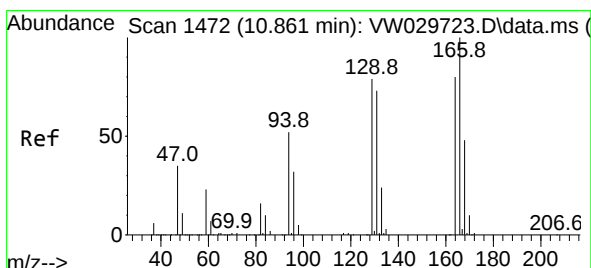
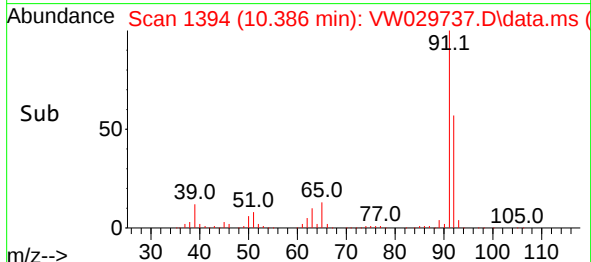
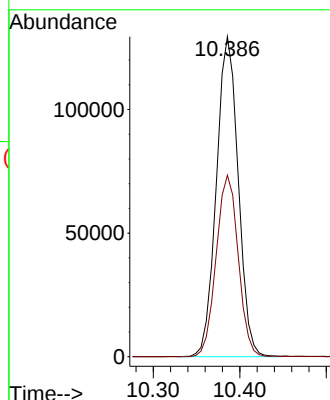
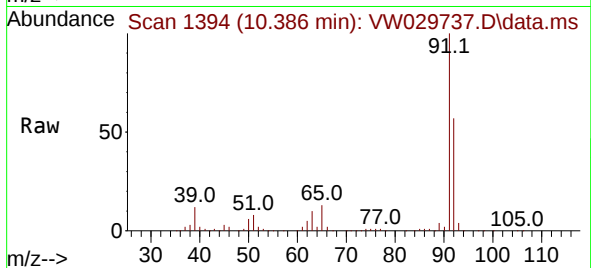
BHB25

Tgt Ion: 91 Resp: 226796

Ion Ratio Lower Upper

91 100

92 56.7 39.5 73.4



#46

Tetrachloroethene

Concen: 5.163 ug/L

RT: 10.855 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VW029737.D

Acq: 25 Jul 2024 15:59

Tgt Ion:164 Resp: 16023

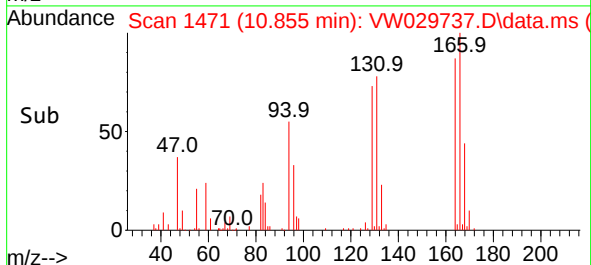
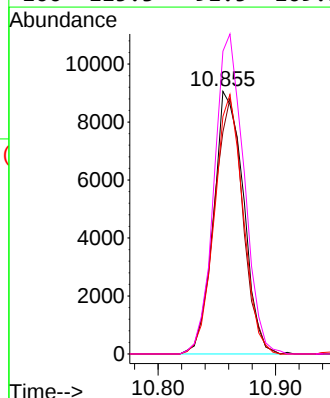
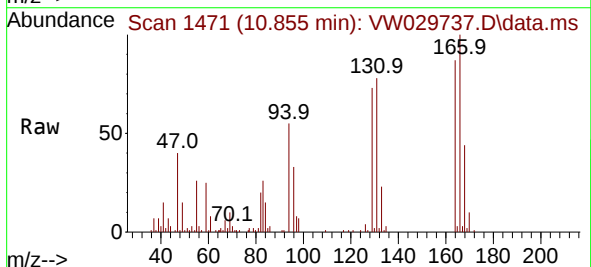
Ion Ratio Lower Upper

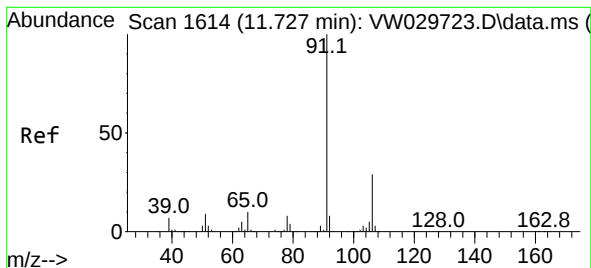
164 100

129 84.5 77.8 144.6

131 90.4 70.9 131.7

166 115.3 91.5 169.9

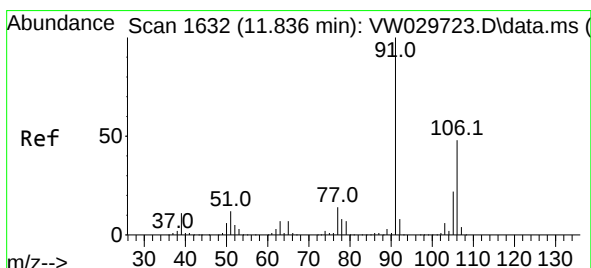
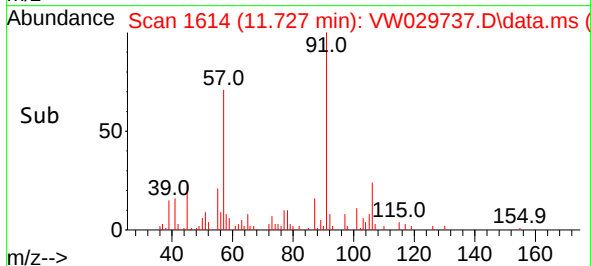
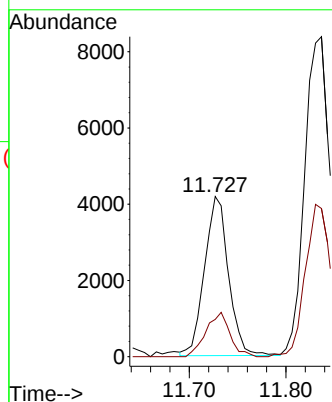
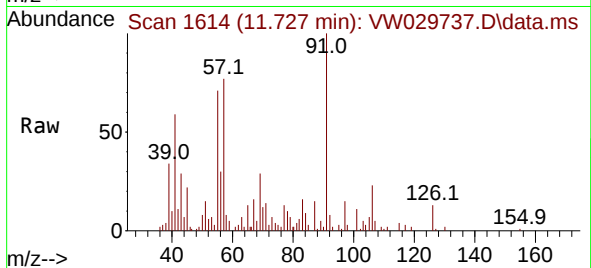




#52
Ethylbenzene
Concen: 0.384 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW029737.D
Acq: 25 Jul 2024 15:59

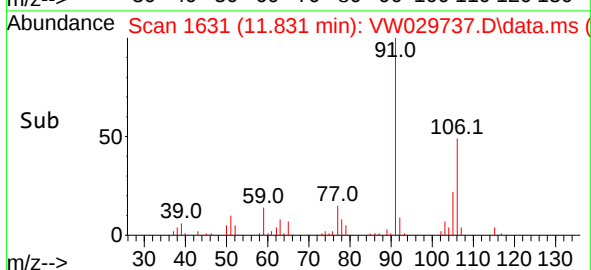
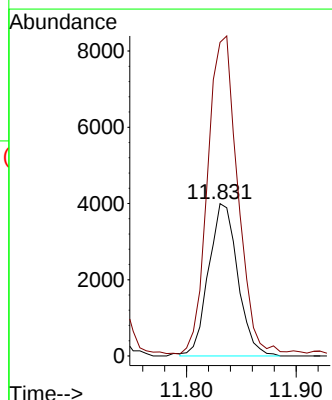
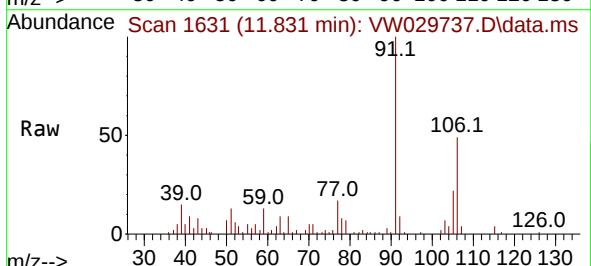
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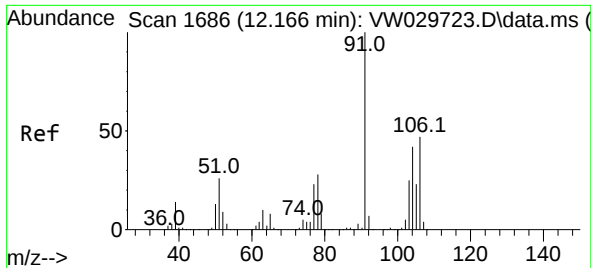
Tgt Ion: 91 Resp: 7206
Ion Ratio Lower Upper
91 100
106 23.3 20.4 38.0



#53
m,p-Xylene
Concen: 1.069 ug/L
RT: 11.831 min Scan# 1631
Delta R.T. -0.006 min
Lab File: VW029737.D
Acq: 25 Jul 2024 15:59

Tgt Ion: 106 Resp: 7370
Ion Ratio Lower Upper
106 100
91 206.0 151.4 281.2





#54
 o-Xylene
 Concen: 0.622 ug/L
 RT: 12.160 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: VW029737.D
 Acq: 25 Jul 2024 15:59

Instrument :
 MSVOA_W
 ClientSampleId :
 BHB25

Tgt Ion:106 Resp: 3949
 Ion Ratio Lower Upper
 106 100
 91 229.5 155.8 289.4

