

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091824\
 Data File : VV037367.D
 Acq On : 19 Sep 2024 06:40
 Operator : SY/MD
 Sample : P3986-11
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH8N1

Quant Time: Sep 19 07:03:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 19 02:54:38 2024
 Response via : Initial Calibration

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

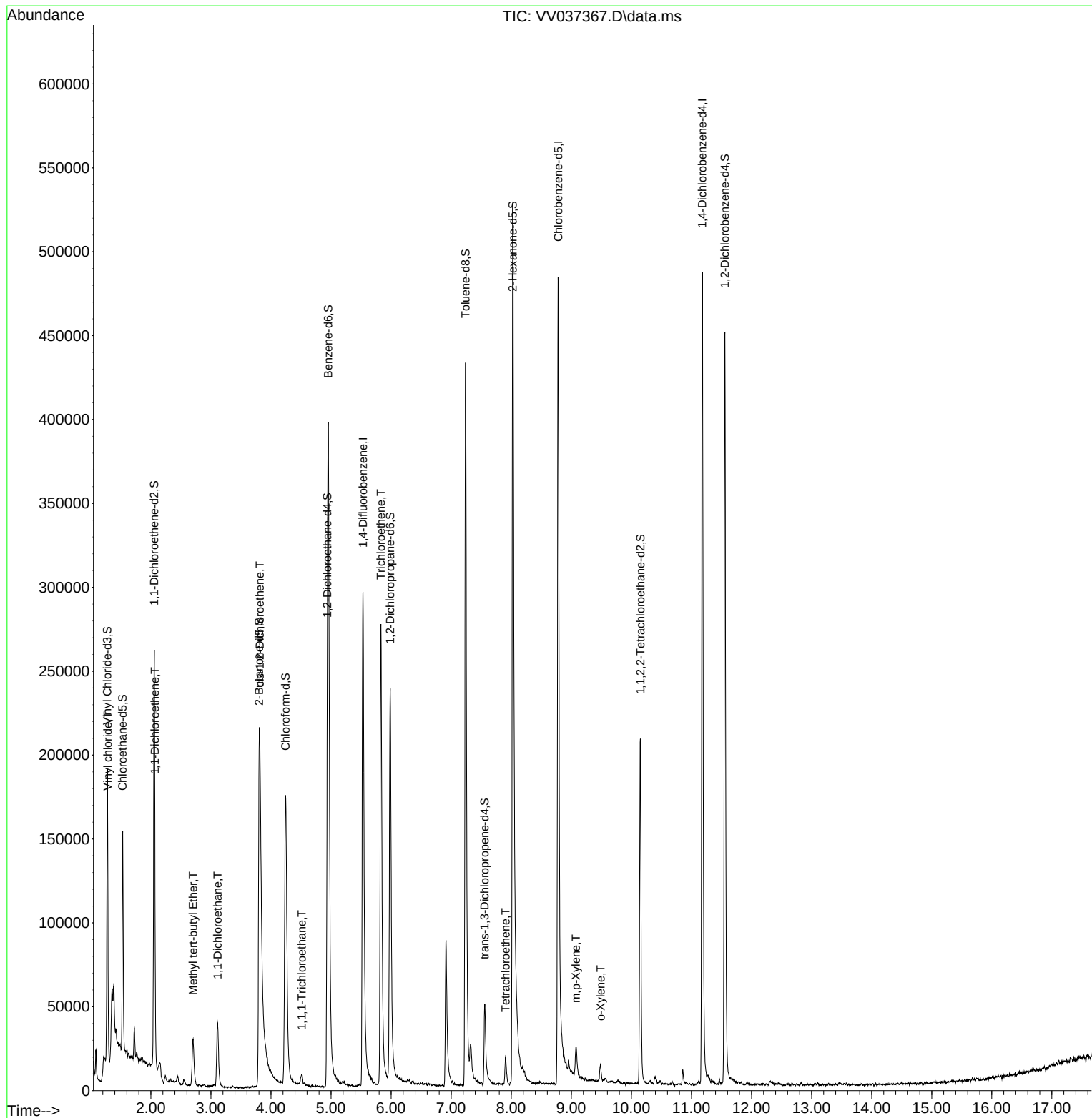
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	276167	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	287463	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	129931	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	94633	5.841	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	116.800%
7) Chloroethane-d5	1.529	69	84914	5.027	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.600%
11) 1,1-Dichloroethene-d2	2.056	65	39002	4.661	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.200%
20) 2-Butanone-d5	3.802	46	254100	52.478	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.960%
24) Chloroform-d	4.243	84	196027	4.983	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
26) 1,2-Dichloroethane-d4	4.937	65	97844	5.312	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.200%
32) Benzene-d6	4.953	84	373146	4.841	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
36) 1,2-Dichloropropane-d6	5.985	67	124247	5.184	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.600%
41) Toluene-d8	7.239	98	304452	4.384	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.600%
43) trans-1,3-Dichloroprop...	7.558	79	35472	4.499	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.000%
46) 2-Hexanone-d5	8.024	63	211484	54.902	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.800%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	103159	5.281	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.600%
66) 1,2-Dichlorobenzene-d4	11.557	152	120103	5.199	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.000%
Target Compounds						
5) Vinyl chloride	1.281	62	13749	0.511	ug/L #	25
12) 1,1-Dichloroethene	2.066	96	5770	0.298	ug/L #	1
17) Methyl tert-butyl Ether	2.703	73	24976	0.543	ug/L	95
19) 1,1-Dichloroethane	3.111	63	40606	1.044	ug/L	98
22) cis-1,2-Dichloroethene	3.812	96	30236	1.374	ug/L	97
29) 1,1,1-Trichloroethane	4.513	97	5189	0.152	ug/L #	92
34) Trichloroethene	5.831	95	105406	4.516	ug/L	96
47) Tetrachloroethene	7.905	164	3831	0.229	ug/L	96
53) m,p-Xylene	9.078	106	6187	0.167	ug/L	87
54) o-Xylene	9.487	106	2973	0.081	ug/L	93

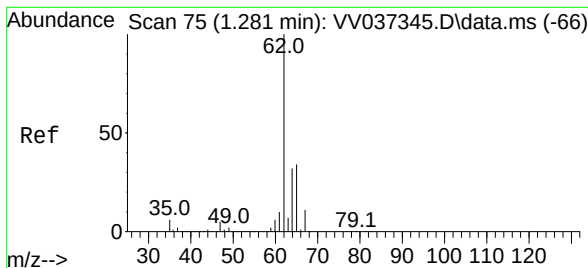
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 19 02:54:38 2024
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.511 ug/L

RT: 1.281 min Scan# 75

Delta R.T. -0.000 min

Lab File: VV037367.D

Acq: 19 Sep 2024 06:40

Instrument :

MSVOA_V

ClientSampleId :

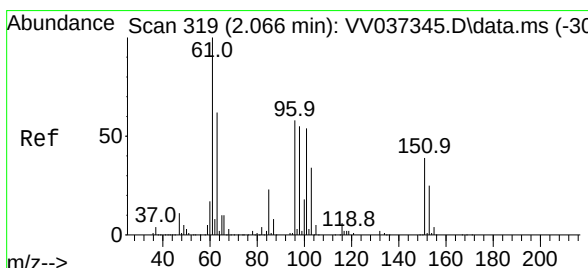
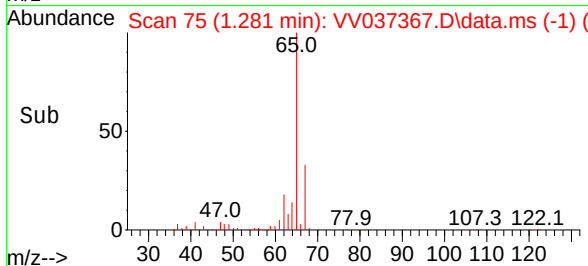
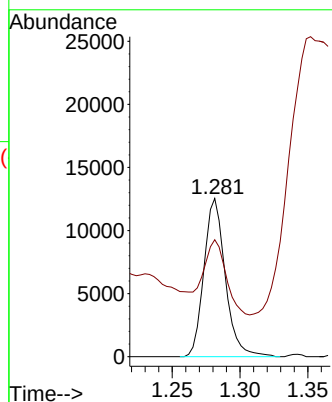
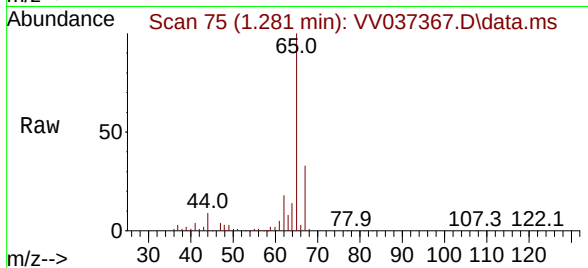
BH8N1

Tgt Ion: 62 Resp: 13749

Ion Ratio Lower Upper

62 100

64 73.9 22.4 41.6#



#12

1,1-Dichloroethene

Concen: 0.298 ug/L

RT: 2.066 min Scan# 319

Delta R.T. -0.000 min

Lab File: VV037367.D

Acq: 19 Sep 2024 06:40

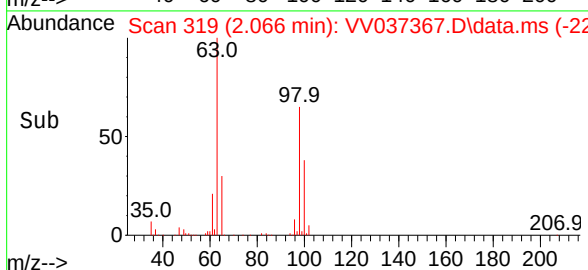
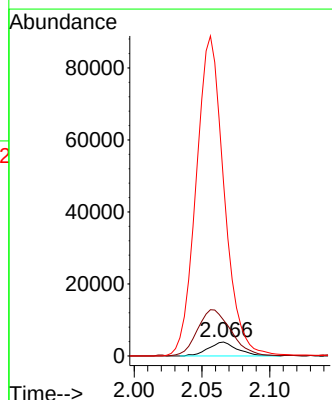
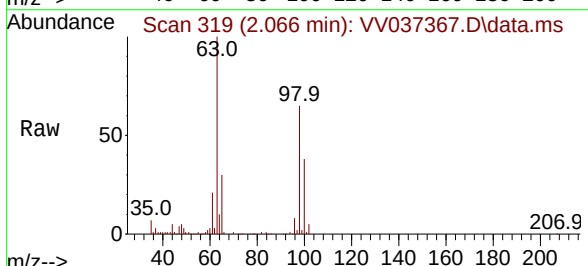
Tgt Ion: 96 Resp: 5770

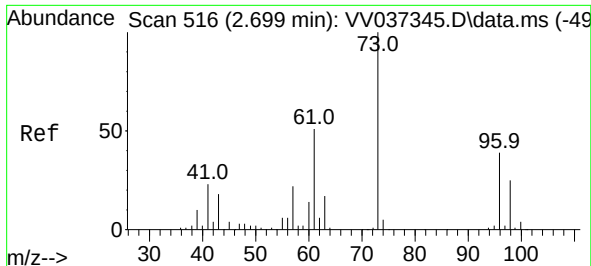
Ion Ratio Lower Upper

96 100

61 257.7 119.9 222.7#

63 1243.2 81.4 151.2#

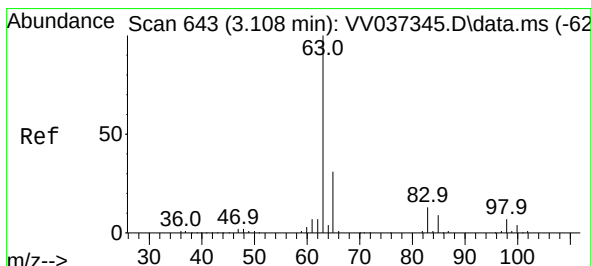
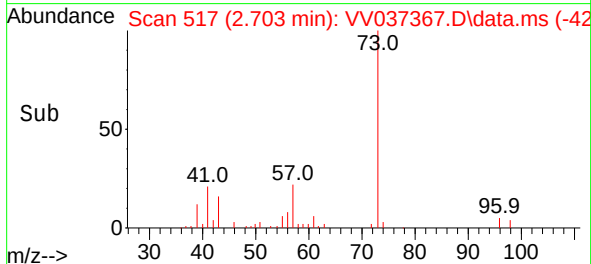
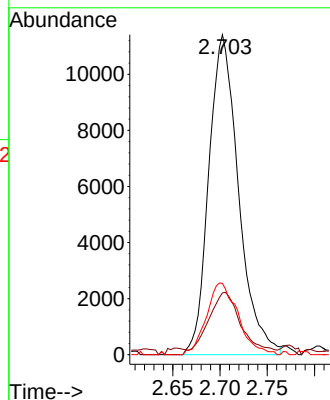
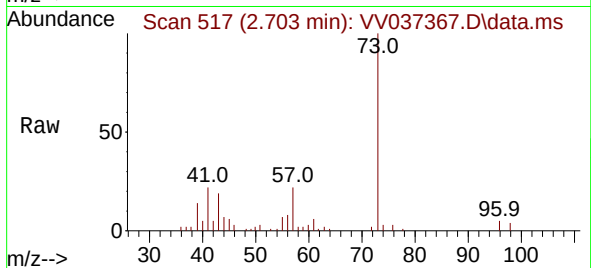




#17
Methyl tert-butyl Ether
Concen: 0.543 ug/L
RT: 2.703 min Scan# 516
Delta R.T. 0.003 min
Lab File: VV037367.D
Acq: 19 Sep 2024 06:40

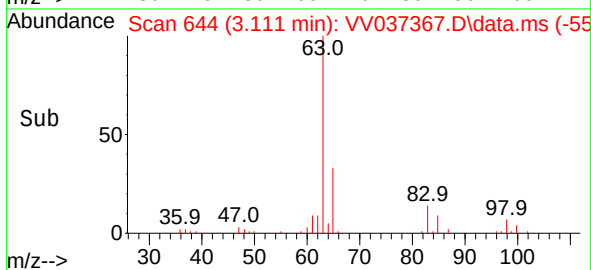
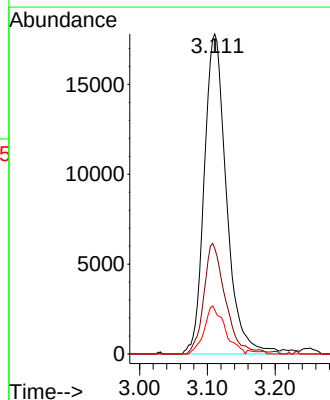
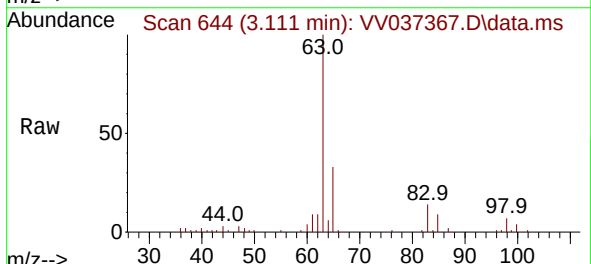
Instrument :
MSVOA_V
ClientSampleId :
BH8N1

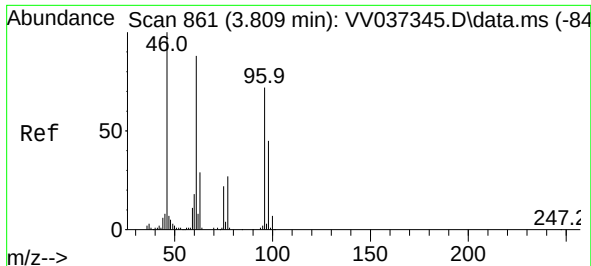
Tgt Ion: 73 Resp: 24976
Ion Ratio Lower Upper
73 100
43 20.7 14.5 21.7
57 23.8 17.7 26.5



#19
1,1-Dichloroethane
Concen: 1.044 ug/L
RT: 3.111 min Scan# 644
Delta R.T. 0.003 min
Lab File: VV037367.D
Acq: 19 Sep 2024 06:40

Tgt Ion: 63 Resp: 40606
Ion Ratio Lower Upper
63 100
65 33.0 22.5 41.7
83 13.8 8.9 16.5





#22

cis-1,2-Dichloroethene

Concen: 1.374 ug/L

RT: 3.812 min Scan# 80

Delta R.T. 0.003 min

Lab File: VV037367.D

Acq: 19 Sep 2024 06:40

Instrument :

MSVOA_V

ClientSampleId :

BH8N1

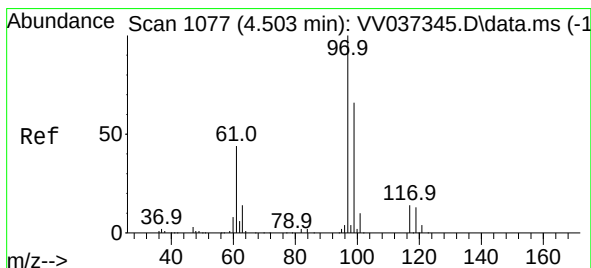
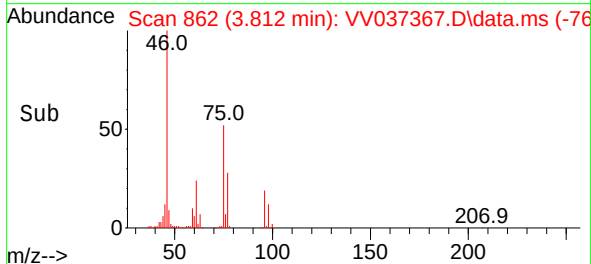
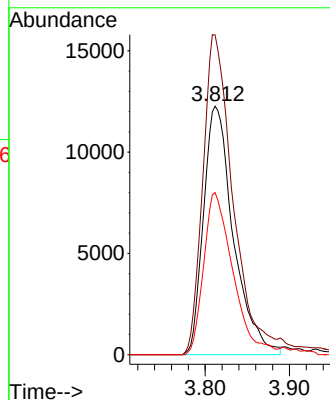
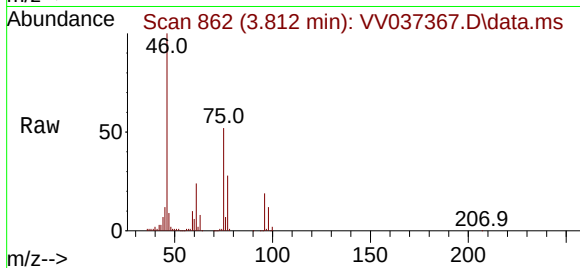
Tgt Ion: 96 Resp: 30236

Ion Ratio Lower Upper

96 100

61 128.7 87.6 162.6

98 65.2 44.9 83.5



#29

1,1,1-Trichloroethane

Concen: 0.152 ug/L

RT: 4.513 min Scan# 1080

Delta R.T. 0.010 min

Lab File: VV037367.D

Acq: 19 Sep 2024 06:40

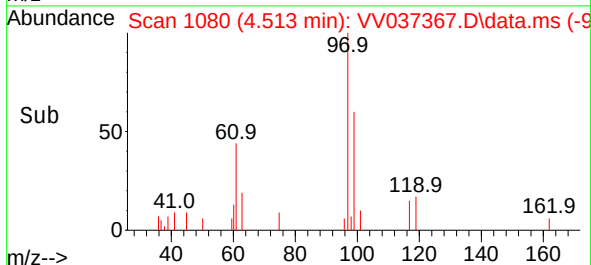
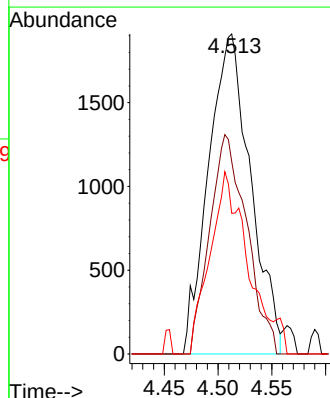
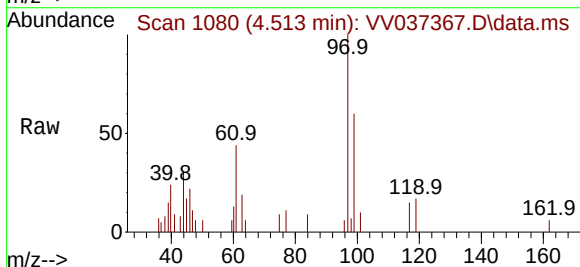
Tgt Ion: 97 Resp: 5189

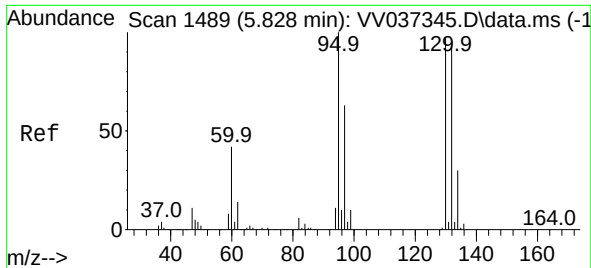
Ion Ratio Lower Upper

97 100

99 60.4 50.0 75.0

61 52.2 34.3 51.5#





#34

Trichloroethene

Concen: 4.516 ug/L

RT: 5.831 min Scan# 1489

Delta R.T. 0.003 min

Lab File: VV037367.D

Acq: 19 Sep 2024 06:40

Instrument :

MSVOA_V

ClientSampleId :

BH8N1

Tgt Ion: 95 Resp: 105406

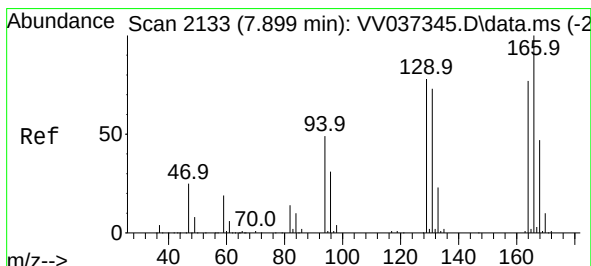
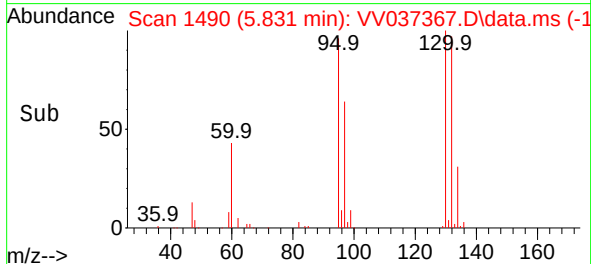
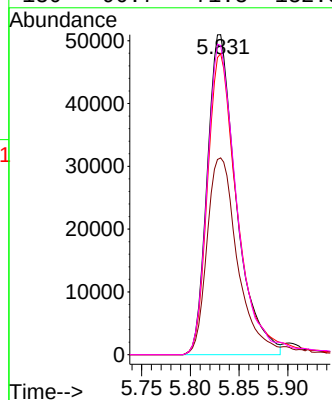
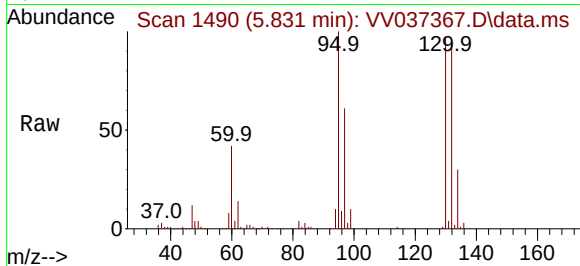
Ion Ratio Lower Upper

95 100

97 61.5 46.5 86.5

132 94.1 65.5 121.7

130 96.7 71.3 132.3



#47

Tetrachloroethene

Concen: 0.229 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. 0.006 min

Lab File: VV037367.D

Acq: 19 Sep 2024 06:40

Tgt Ion:164 Resp: 3831

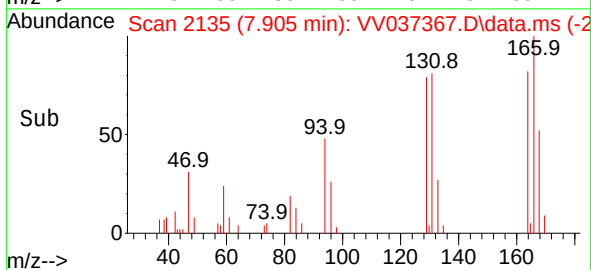
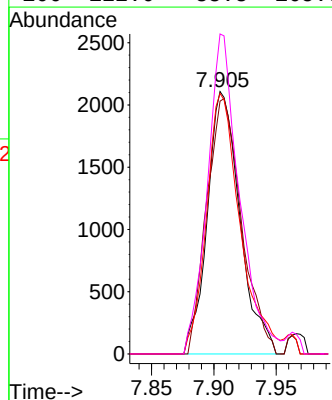
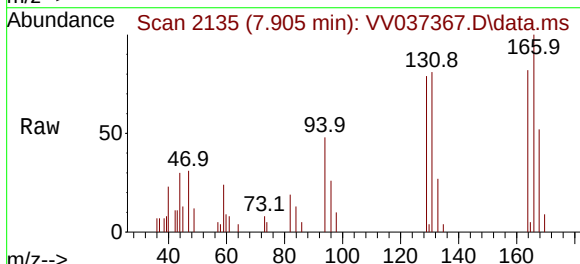
Ion Ratio Lower Upper

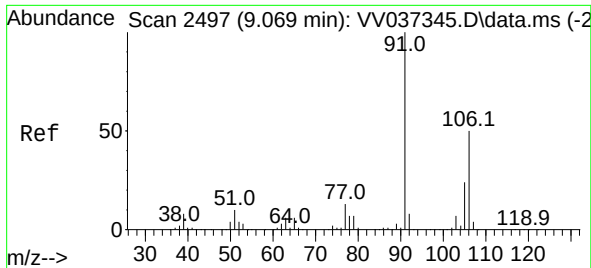
164 100

129 96.3 69.2 128.4

131 99.3 66.6 123.8

166 122.0 88.8 165.0





#53

m,p-Xylene

Concen: 0.167 ug/L

RT: 9.078 min Scan# 2497

Delta R.T. 0.010 min

Lab File: VV037367.D

Acq: 19 Sep 2024 06:40

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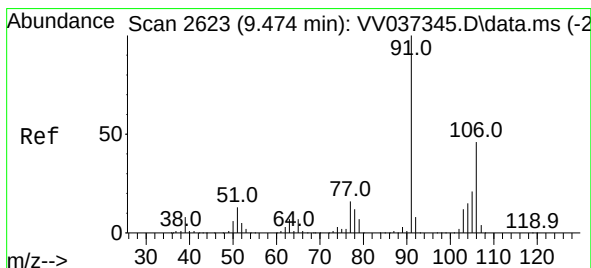
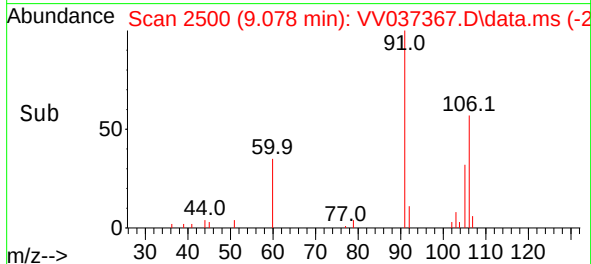
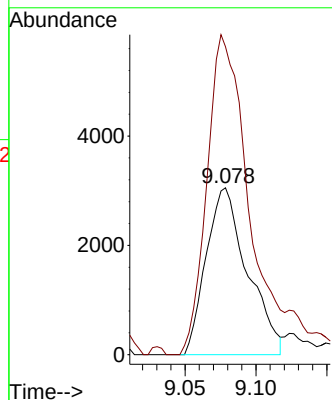
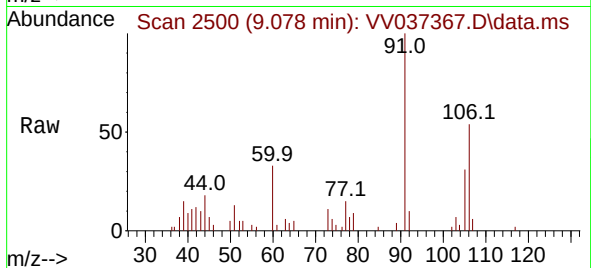
BH8N1

Tgt Ion:106 Resp: 6187

Ion Ratio Lower Upper

106 100

91 184.6 143.3 266.1



#54

o-Xylene

Concen: 0.081 ug/L

RT: 9.487 min Scan# 2627

Delta R.T. 0.013 min

Lab File: VV037367.D

Acq: 19 Sep 2024 06:40

Tgt Ion:106 Resp: 2973

Ion Ratio Lower Upper

106 100

91 228.2 151.8 282.0

