

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091924\
 Data File : VV037374.D
 Acq On : 19 Sep 2024 11:48
 Operator : SY/MD
 Sample : P3986-15
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH8N5

Quant Time: Sep 20 01:55:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 20 01:54:17 2024
 Response via : Initial Calibration

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

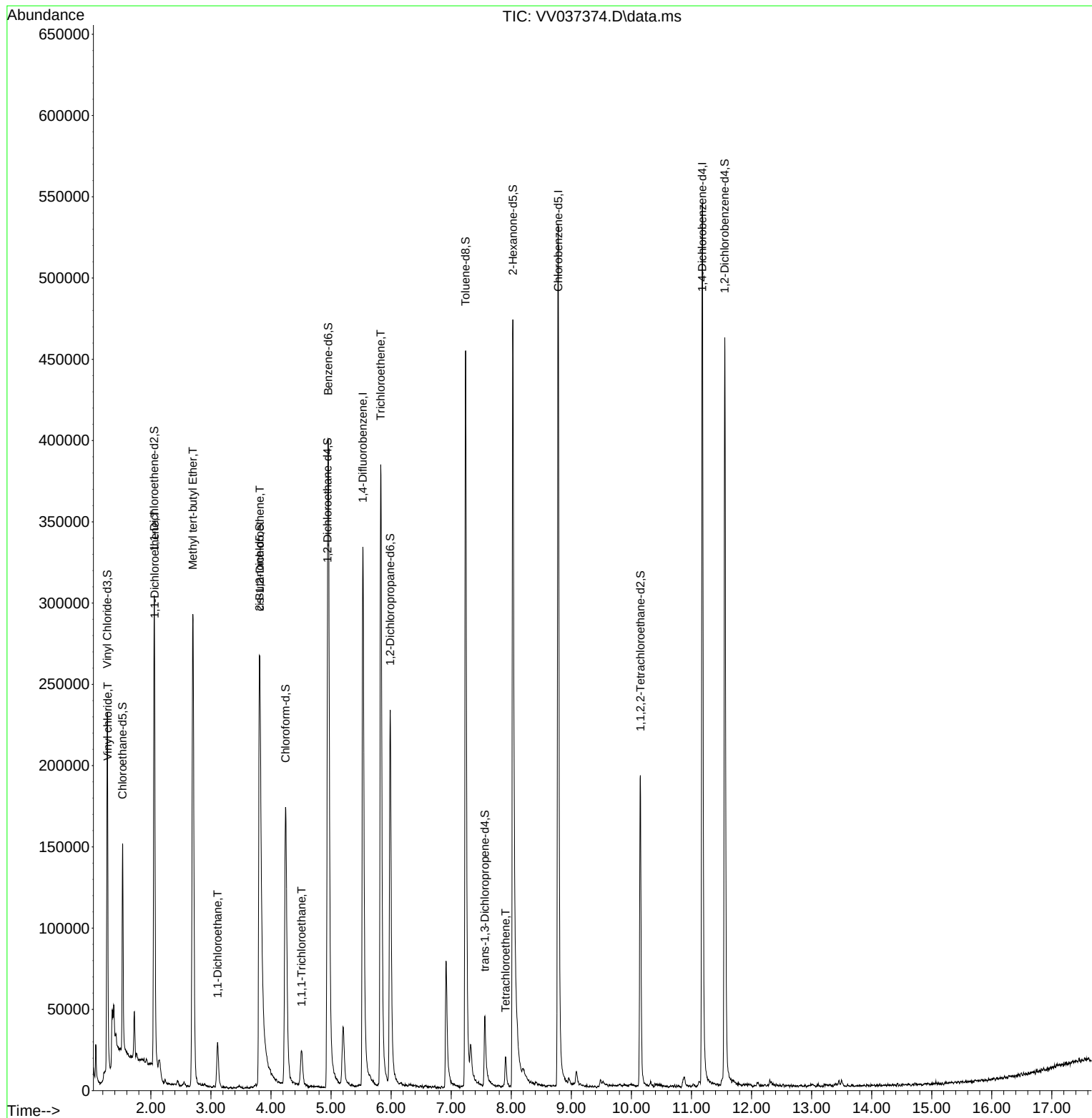
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	316077	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	321866	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	144595	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	100882	5.440	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	108.800%
7) Chloroethane-d5	1.529	69	84463	4.369	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.400%
11) 1,1-Dichloroethene-d2	2.057	65	42865	4.476	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.600%
20) 2-Butanone-d5	3.809	46	231264	41.731	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.460%
24) Chloroform-d	4.243	84	196118	4.356	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
26) 1,2-Dichloroethane-d4	4.941	65	94672	4.491	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
32) Benzene-d6	4.953	84	377486	4.374	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
36) 1,2-Dichloropropane-d6	5.986	67	124286	4.631	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.600%
41) Toluene-d8	7.240	98	328517	4.225	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.400%
43) trans-1,3-Dichloroprop...	7.561	79	31675	3.588	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.800%
46) 2-Hexanone-d5	8.027	63	194459	45.086	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.180%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	99591	4.553	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.000%
66) 1,2-Dichlorobenzene-d4	11.555	152	124424	4.840	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.800%
Target Compounds						
5) Vinyl chloride	1.282	62	28622	0.930	ug/L #	71
12) 1,1-Dichloroethene	2.063	96	21744	0.982	ug/L #	1
17) Methyl tert-butyl Ether	2.700	73	297432	5.649	ug/L	99
19) 1,1-Dichloroethane	3.111	63	29201	0.656	ug/L	95
22) cis-1,2-Dichloroethene	3.812	96	72124	2.863	ug/L	96
29) 1,1,1-Trichloroethane	4.510	97	17261	0.452	ug/L	92
34) Trichloroethene	5.828	95	148487	5.682	ug/L	99
47) Tetrachloroethene	7.905	164	4636	0.248	ug/L	85

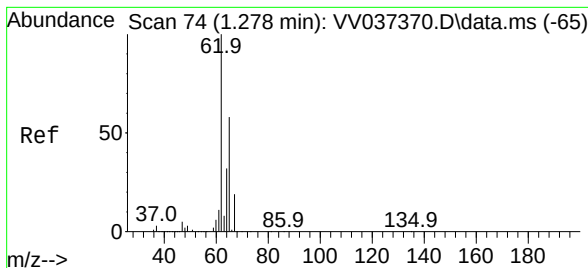
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 20 01:54:17 2024
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.930 ug/L

RT: 1.282 min Scan# 74

Delta R.T. 0.003 min

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Acq: 19 Sep 2024 11:48

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MSVOA_V

ClientSampleId :

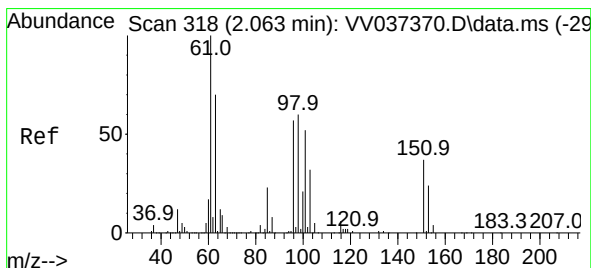
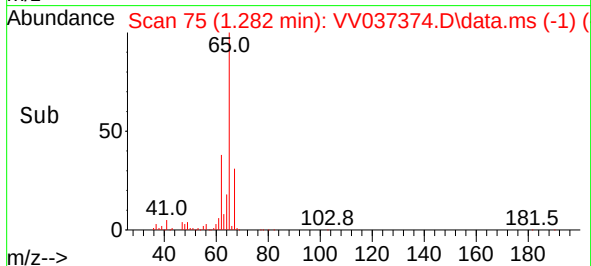
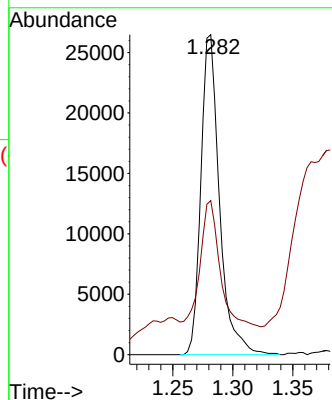
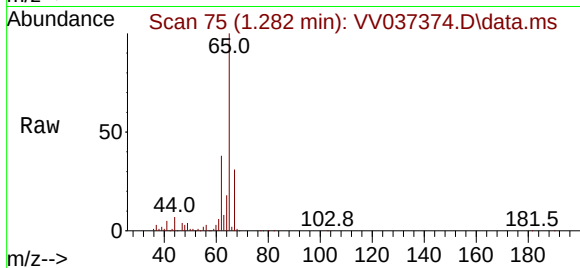
BH8N5

Tgt Ion: 62 Resp: 28622

Ion Ratio Lower Upper

62 100

64 48.2 22.4 41.6#



#12

1,1-Dichloroethene

Concen: 0.982 ug/L

RT: 2.063 min Scan# 318

Delta R.T. 0.000 min

Lab File: VV037374.D

Acq: 19 Sep 2024 11:48

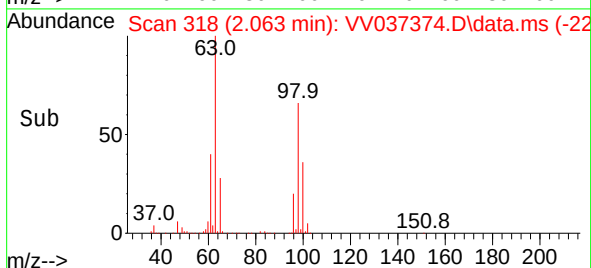
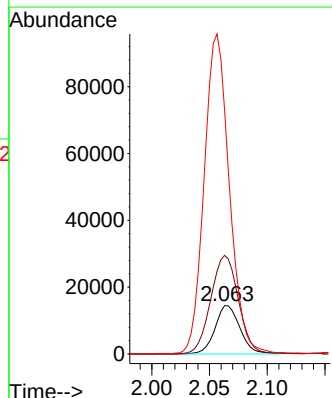
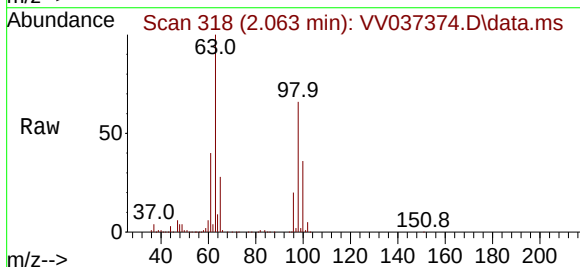
Tgt Ion: 96 Resp: 21744

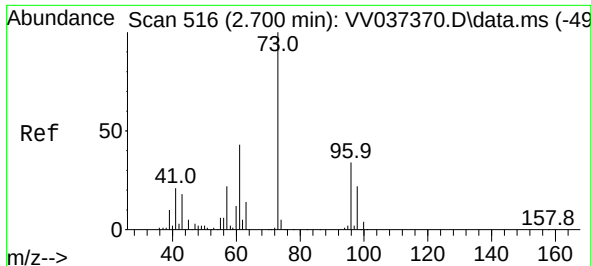
Ion Ratio Lower Upper

96 100

61 204.1 119.9 222.7

63 507.0 81.4 151.2#





#17

Methyl tert-butyl Ether

Concen: 5.649 ug/L

RT: 2.700 min Scan# 516

Delta R.T. 0.000 min

Lab File: VV037374.D

Acq: 19 Sep 2024 11:48

Instrument :

MSVOA_V

ClientSampleId :

BH8N5

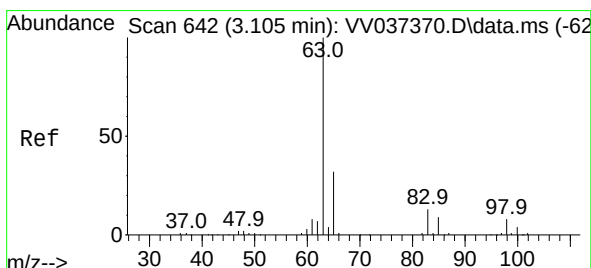
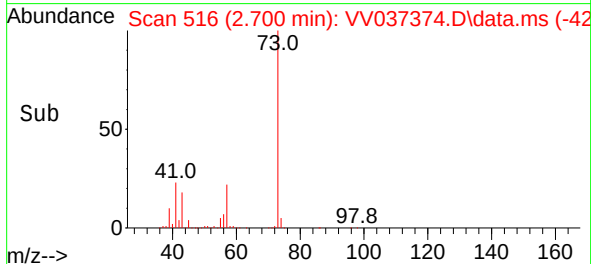
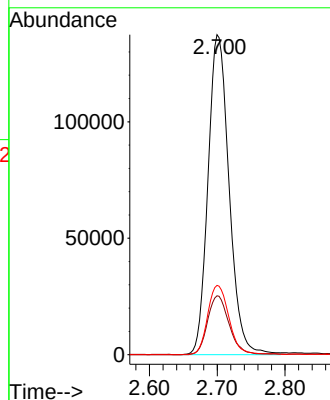
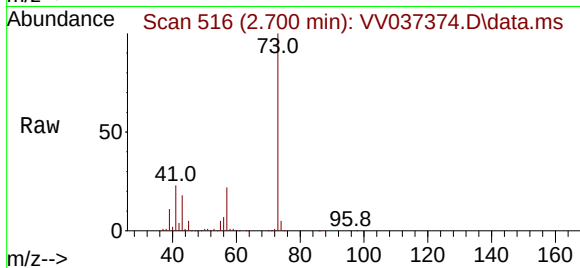
Tgt Ion: 73 Resp: 297432

Ion Ratio Lower Upper

73 100

43 18.7 14.5 21.7

57 21.8 17.7 26.5



#19

1,1-Dichloroethane

Concen: 0.656 ug/L

RT: 3.111 min Scan# 644

Delta R.T. 0.006 min

Lab File: VV037374.D

Acq: 19 Sep 2024 11:48

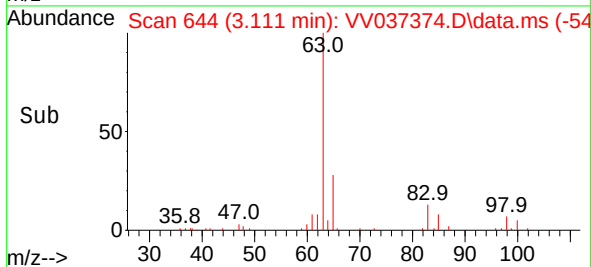
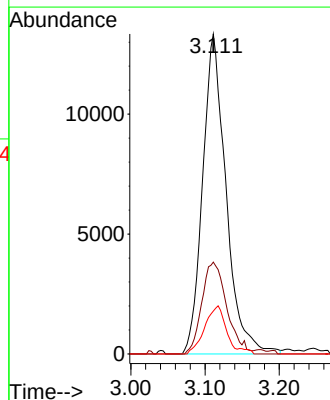
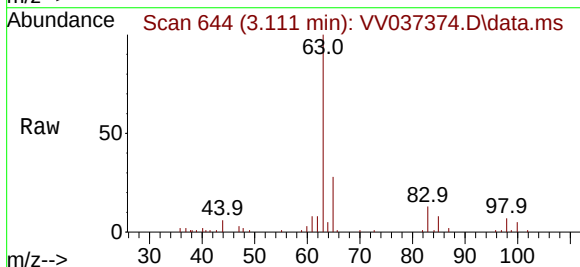
Tgt Ion: 63 Resp: 29201

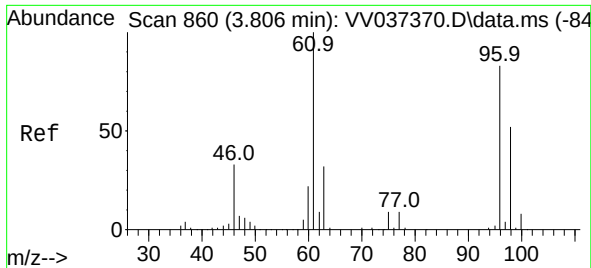
Ion Ratio Lower Upper

63 100

65 28.7 22.5 41.7

83 13.4 8.9 16.5

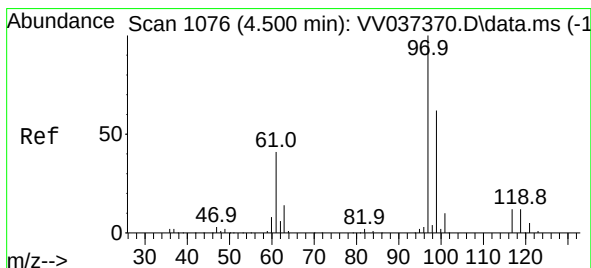
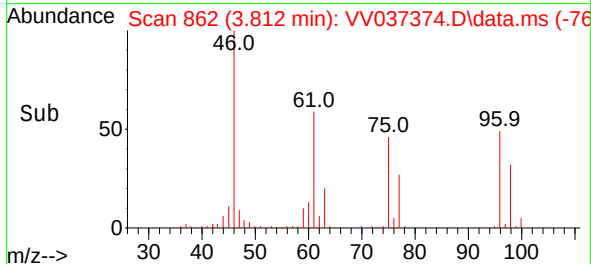
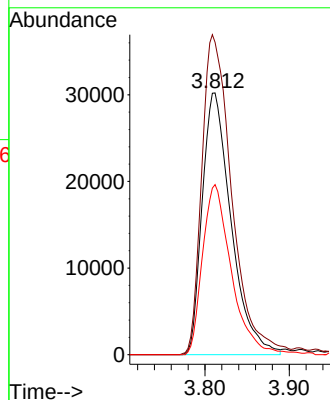
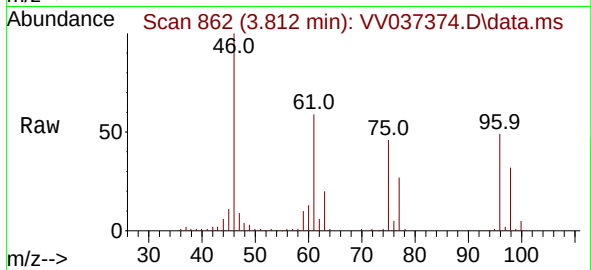




#22
 cis-1,2-Dichloroethene
 Concen: 2.863 ug/L
 RT: 3.812 min Scan# 862
 Delta R.T. 0.006 min
 Lab File: VV037374.D
 Acq: 19 Sep 2024 11:48

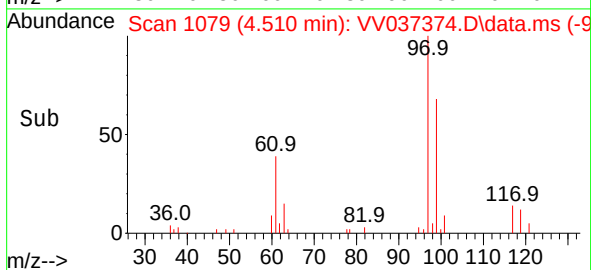
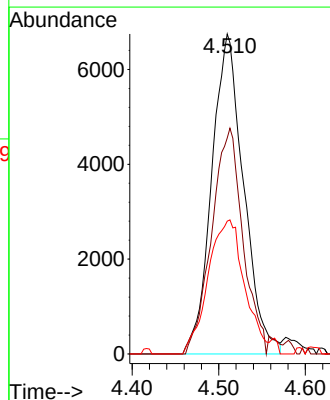
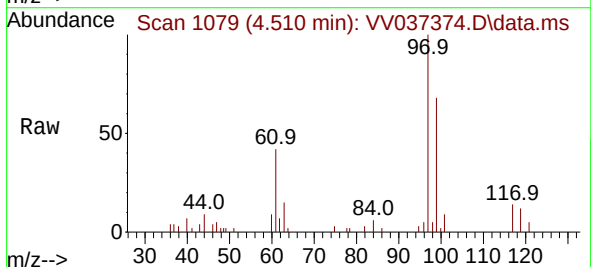
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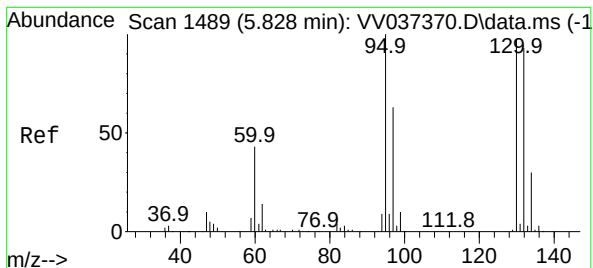
Tgt Ion: 96 Resp: 72124
 Ion Ratio Lower Upper
 96 100
 61 119.4 87.6 162.6
 98 65.0 44.9 83.5



#29
 1,1,1-Trichloroethane
 Concen: 0.452 ug/L
 RT: 4.510 min Scan# 1079
 Delta R.T. 0.010 min
 Lab File: VV037374.D
 Acq: 19 Sep 2024 11:48

Tgt Ion: 97 Resp: 17261
 Ion Ratio Lower Upper
 97 100
 99 69.1 50.0 75.0
 61 47.8 34.3 51.5





#34

Trichloroethene

Concen: 5.682 ug/L

RT: 5.828 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VV037374.D

Acq: 19 Sep 2024 11:48

Instrument :

MSVOA_V

ClientSampleId :

BH8N5

Tgt Ion: 95 Resp: 148487

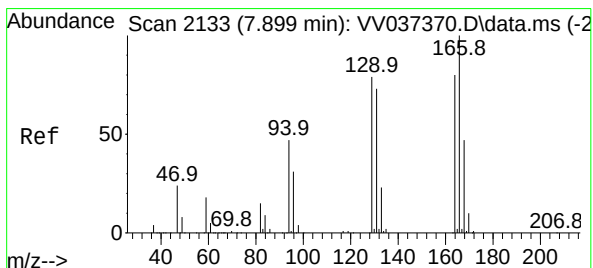
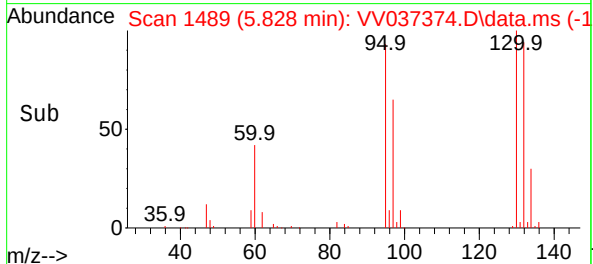
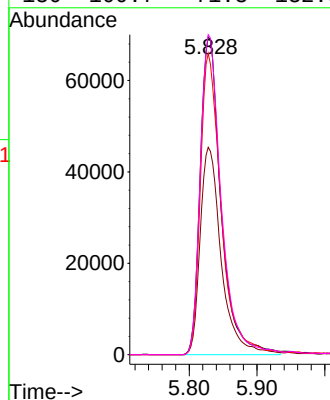
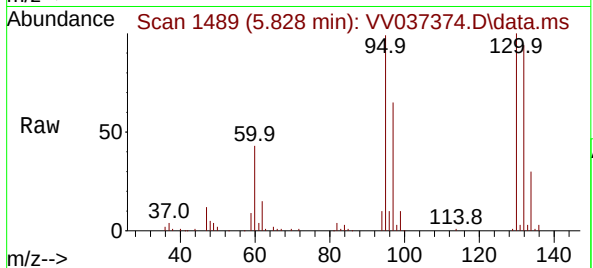
Ion Ratio Lower Upper

95 100

97 65.3 46.5 86.5

132 94.8 65.5 121.7

130 100.7 71.3 132.3



#47

Tetrachloroethene

Concen: 0.248 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. 0.006 min

Lab File: VV037374.D

Acq: 19 Sep 2024 11:48

Tgt Ion: 164 Resp: 4636

Ion Ratio Lower Upper

164 100

129 81.8 69.2 128.4

131 81.5 66.6 123.8

166 111.1 88.8 165.0

