

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091824\
 Data File : VV037359.D
 Acq On : 19 Sep 2024 02:19
 Operator : SY/MD
 Sample : P3986-02
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH8M2

Quant Time: Sep 19 04:01:46 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)

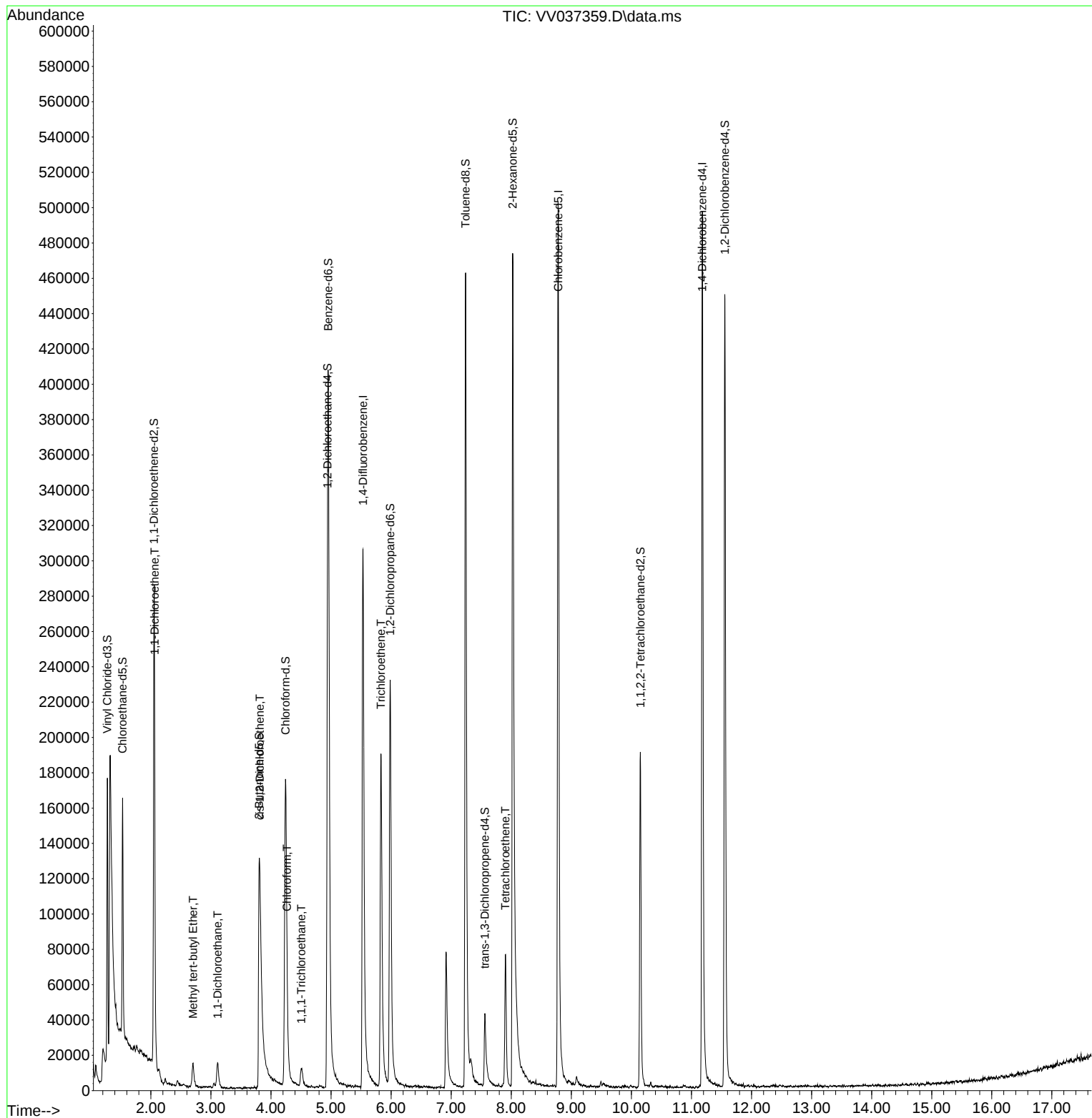
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	289277	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	299597	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	137513	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	102293	6.027	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 120.600%		
7) Chloroethane-d5	1.529	69	85923	4.856	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 97.200%		
11) 1,1-Dichloroethene-d2	2.053	65	44023	5.023	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 100.400%		
20) 2-Butanone-d5	3.802	46	217032	42.791	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 85.580%		
24) Chloroform-d	4.243	84	197678	4.797	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 96.000%		
26) 1,2-Dichloroethane-d4	4.941	65	95768	4.964	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 99.200%		
32) Benzene-d6	4.953	84	387048	4.818	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 96.400%		
36) 1,2-Dichloropropane-d6	5.985	67	121456	4.862	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 97.200%		
41) Toluene-d8	7.239	98	326472	4.511	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 90.200%		
43) trans-1,3-Dichloroprop...	7.561	79	31193	3.796	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 76.000%		
46) 2-Hexanone-d5	8.024	63	191076	47.595	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 95.180%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	98115	4.819	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 96.400%		
66) 1,2-Dichlorobenzene-d4	11.558	152	124003	5.072	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 101.400%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.063	96	7796	0.385	ug/L #	1
17) Methyl tert-butyl Ether	2.703	73	11166	0.232	ug/L #	94
19) 1,1-Dichloroethane	3.114	63	15325	0.376	ug/L	97
22) cis-1,2-Dichloroethene	3.812	96	11156	0.484	ug/L	95
25) Chloroform	4.269	83	7993	0.195	ug/L	93
29) 1,1,1-Trichloroethane	4.506	97	8028	0.226	ug/L	94
34) Trichloroethene	5.831	95	75030	3.084	ug/L	96
47) Tetrachloroethene	7.902	164	18379	1.056	ug/L	97

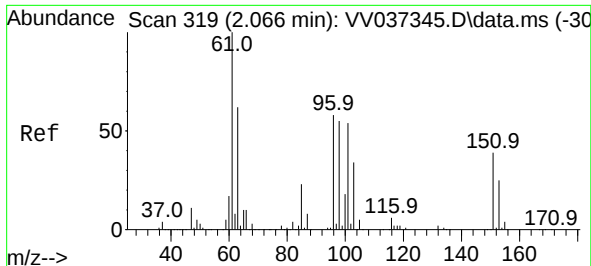
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#12

1,1-Dichloroethene

Concen: 0.385 ug/L

RT: 2.063 min Scan# 319

Delta R.T. -0.003 min

Lab File: VV037359.D

Acq: 19 Sep 2024 02:19

Instrument :

MSVOA_V

ClientSampleId :

BH8M2

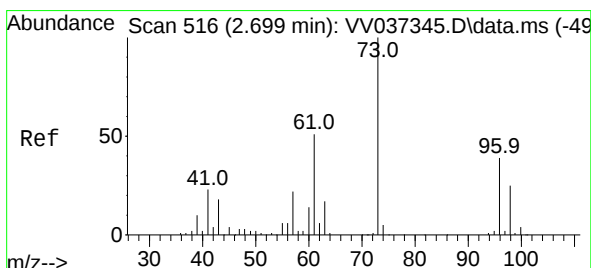
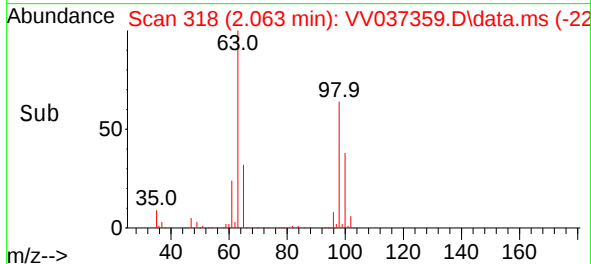
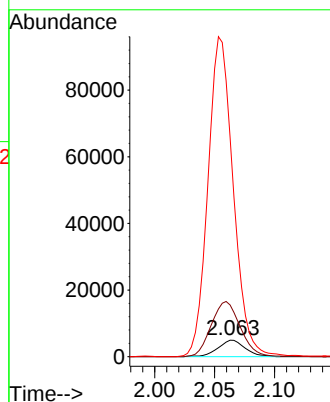
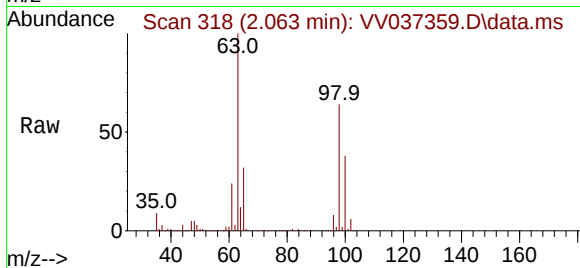
Tgt Ion: 96 Resp: 7796

Ion Ratio Lower Upper

96 100

61 312.0 119.9 222.7#

63 1320.9 81.4 151.2#



#17

Methyl tert-butyl Ether

Concen: 0.232 ug/L

RT: 2.703 min Scan# 517

Delta R.T. 0.003 min

Lab File: VV037359.D

Acq: 19 Sep 2024 02:19

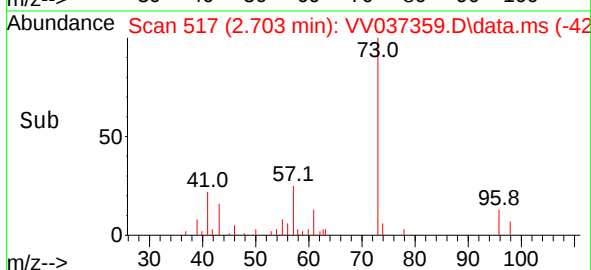
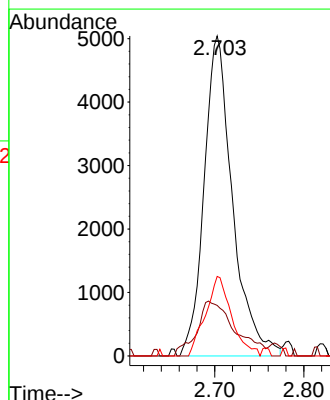
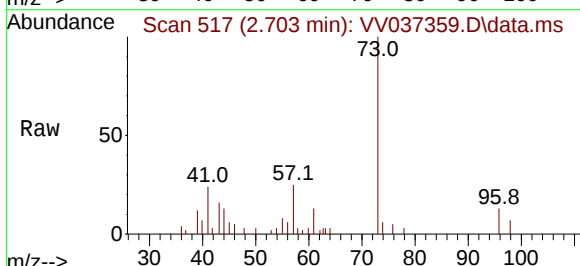
Tgt Ion: 73 Resp: 11166

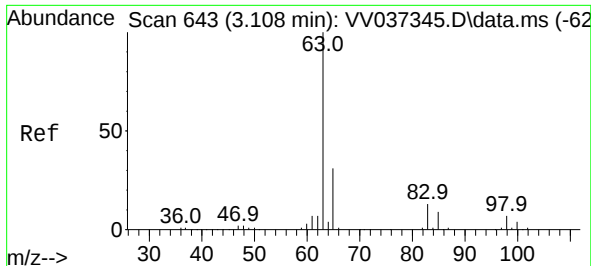
Ion Ratio Lower Upper

73 100

43 23.0 14.5 21.7#

57 22.7 17.7 26.5

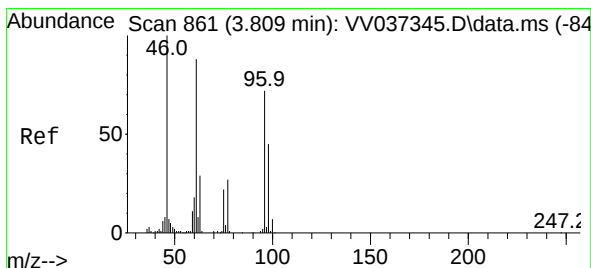
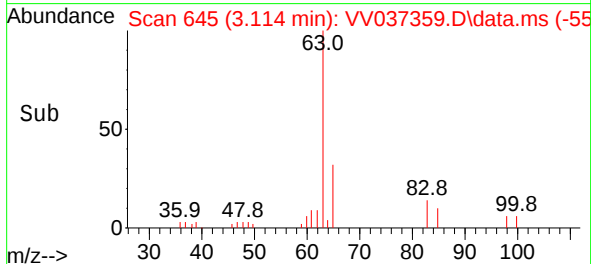
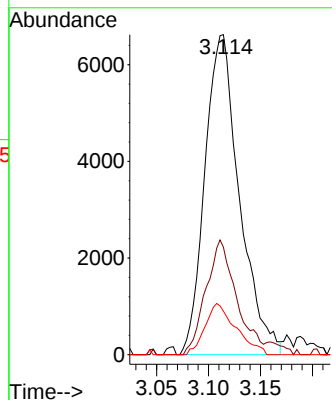
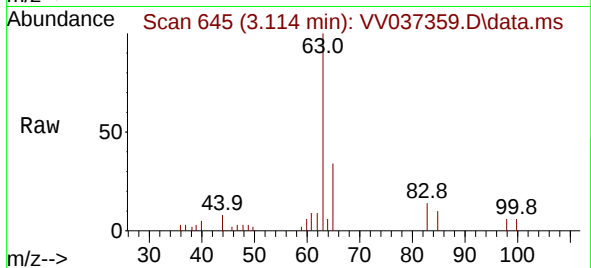




#19
1,1-Dichloroethane
Concen: 0.376 ug/L
RT: 3.114 min Scan# 643
Delta R.T. 0.006 min
Lab File: VV037359.D
Acq: 19 Sep 2024 02:19

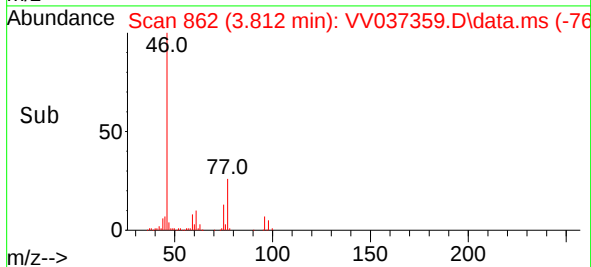
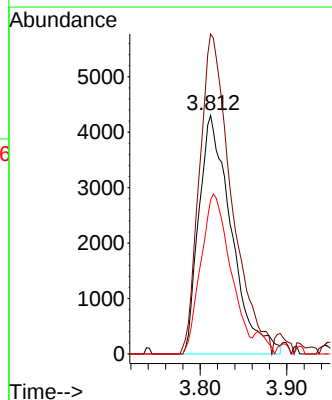
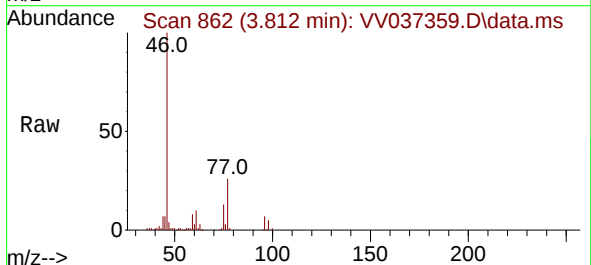
Instrument :
MSVOA_V
ClientSampleId :
BH8M2

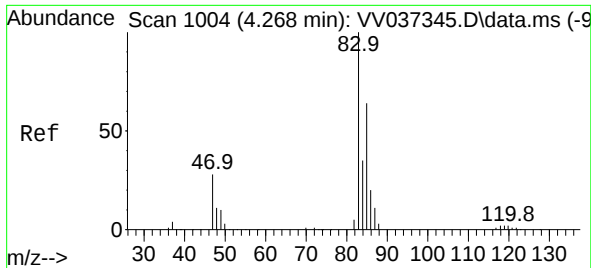
Tgt Ion:	63	Resp:	15325
Ion	Ratio	Lower	Upper
63	100		
65	33.6	22.5	41.7
83	13.6	8.9	16.5



#22
cis-1,2-Dichloroethene
Concen: 0.484 ug/L
RT: 3.812 min Scan# 862
Delta R.T. 0.003 min
Lab File: VV037359.D
Acq: 19 Sep 2024 02:19

Tgt Ion:	96	Resp:	11156
Ion	Ratio	Lower	Upper
96	100		
61	134.1	87.6	162.6
98	64.5	44.9	83.5





#25

Chloroform

Concen: 0.195 ug/L

RT: 4.269 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VV037359.D

Acq: 19 Sep 2024 02:19

Instrument :

MSVOA_V

ClientSampleId :

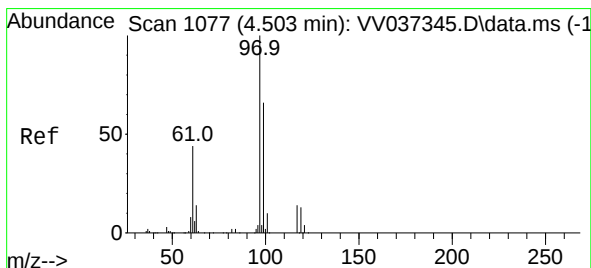
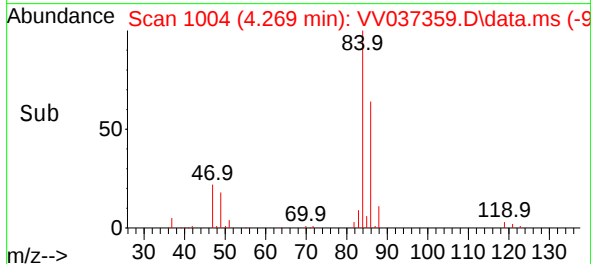
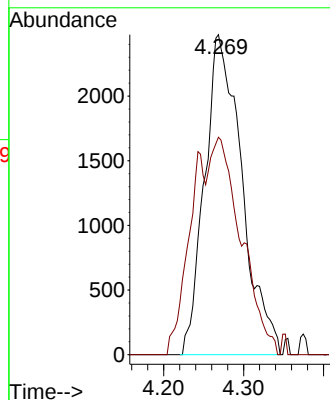
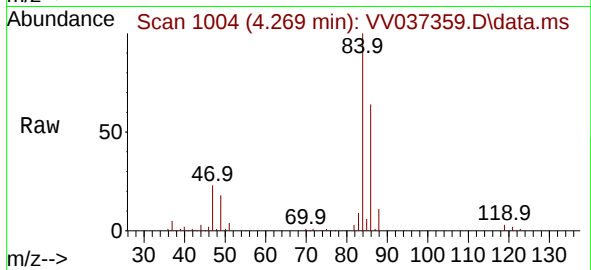
BH8M2

Tgt Ion: 83 Resp: 7993

Ion Ratio Lower Upper

83 100

85 68.0 43.8 81.4



#29

1,1,1-Trichloroethane

Concen: 0.226 ug/L

RT: 4.506 min Scan# 1078

Delta R.T. 0.003 min

Lab File: VV037359.D

Acq: 19 Sep 2024 02:19

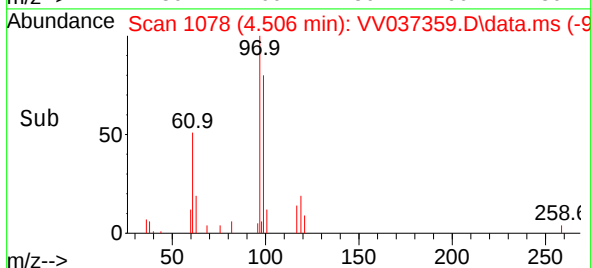
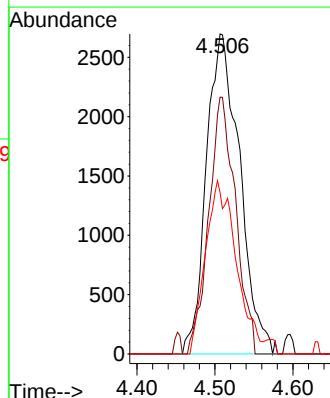
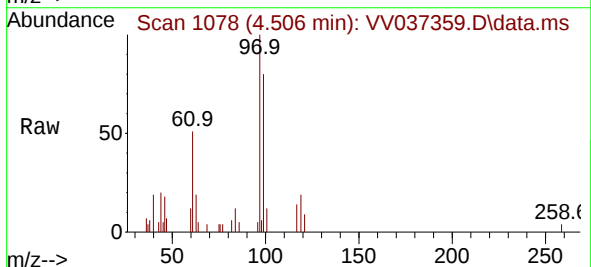
Tgt Ion: 97 Resp: 8028

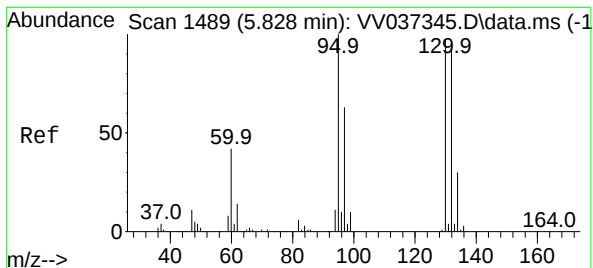
Ion Ratio Lower Upper

97 100

99 64.4 50.0 75.0

61 50.0 34.3 51.5





#34

Trichloroethene

Concen: 3.084 ug/L

RT: 5.831 min Scan# 1489

Delta R.T. 0.003 min

Lab File: VV037359.D

Acq: 19 Sep 2024 02:19

Instrument :

MSVOA_V

ClientSampleId :

BH8M2

Tgt Ion: 95 Resp: 75030

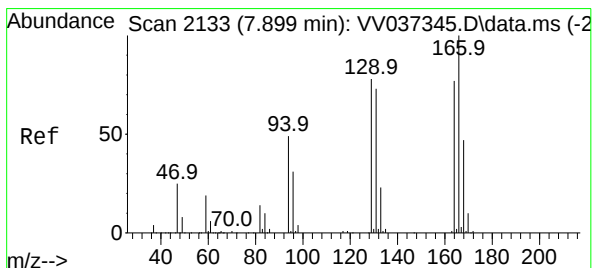
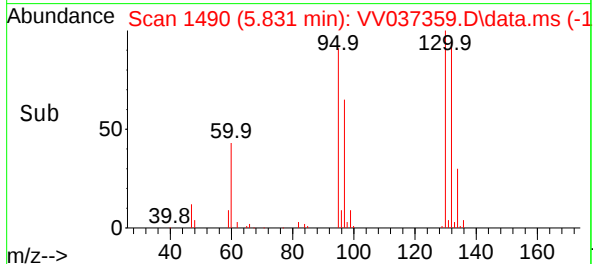
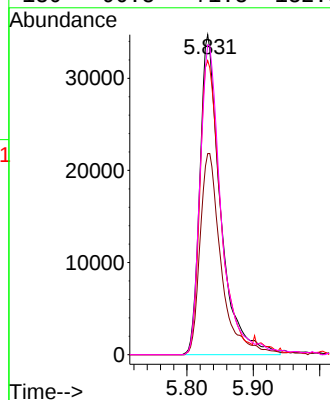
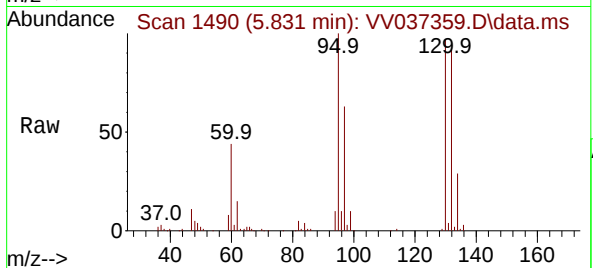
Ion Ratio Lower Upper

95 100

97 62.9 46.5 86.5

132 91.9 65.5 121.7

130 96.8 71.3 132.3



#47

Tetrachloroethene

Concen: 1.056 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. 0.003 min

Lab File: VV037359.D

Acq: 19 Sep 2024 02:19

Tgt Ion: 164 Resp: 18379

Ion Ratio Lower Upper

164 100

129 99.2 69.2 128.4

131 90.5 66.6 123.8

166 124.2 88.8 165.0

