

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021424\
 Data File : VV034169.D
 Acq On : 14 Feb 2024 10:11
 Operator : SY/MD
 Sample : P1402-08DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AC3DL

Quant Time: Feb 15 01:27:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 15 01:26:50 2024
 Response via : Initial Calibration

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

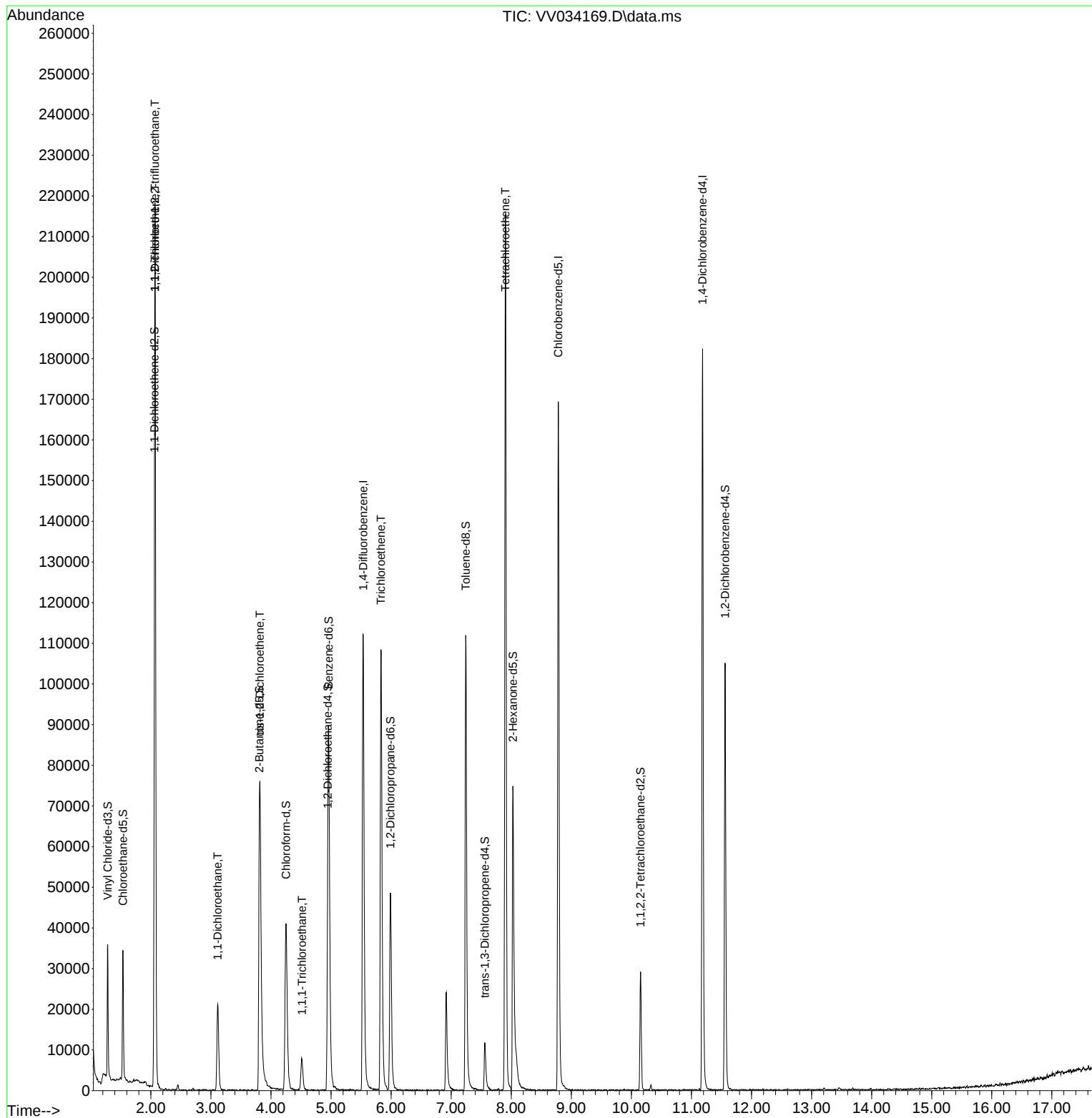
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	98518	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	90271	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	46417	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	21248	2.785	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	55.600%	
7) Chloroethane-d5	1.535	69	19815	2.965	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	59.200%#	
11) 1,1-Dichloroethene-d2	2.060	65	10657	2.896	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	58.000%#	
20) 2-Butanone-d5	3.805	46	35650	27.820	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	55.640%	
24) Chloroform-d	4.249	84	43723	3.154	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	63.000%#	
26) 1,2-Dichloroethane-d4	4.944	65	21412	3.305	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	66.000%#	
32) Benzene-d6	4.960	84	80780	2.983	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	59.600%#	
36) 1,2-Dichloropropane-d6	5.989	67	22478	2.969	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	59.400%#	
41) Toluene-d8	7.243	98	74955	3.011	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	60.200%#	
43) trans-1,3-Dichloroprop...	7.561	79	8457	2.958	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	59.200%	
46) 2-Hexanone-d5	8.027	63	26092	25.568	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	51.140%	
56) 1,1,2,2-Tetrachloroeth...	10.153	84	13225	2.881	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	57.600%#	
66) 1,2-Dichlorobenzene-d4	11.561	152	26321	3.118	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	62.400%#	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	1654	0.233	ug/L #	81
12) 1,1-Dichloroethene	2.069	96	50672	7.363	ug/L	84
19) 1,1-Dichloroethane	3.114	63	21835	1.695	ug/L	95
22) cis-1,2-Dichloroethene	3.815	96	33621	4.227	ug/L	96
29) 1,1,1-Trichloroethane	4.516	97	6642	0.548	ug/L	98
34) Trichloroethene	5.831	95	37466	4.781	ug/L	97
47) Tetrachloroethene	7.902	164	46082	7.238	ug/L	97

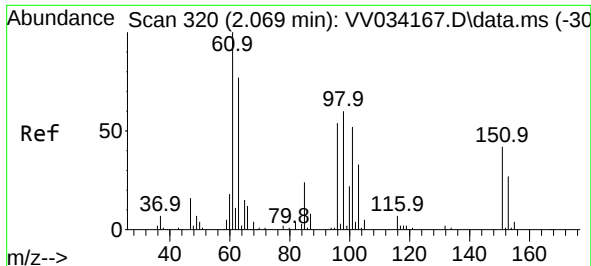
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Feb 15 01:26:50 2024
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.233 ug/L

RT: 2.069 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV034169.D

Acq: 14 Feb 2024 10:11

Instrument :

MSVOA_V

ClientSampleId :

C0AC3DL

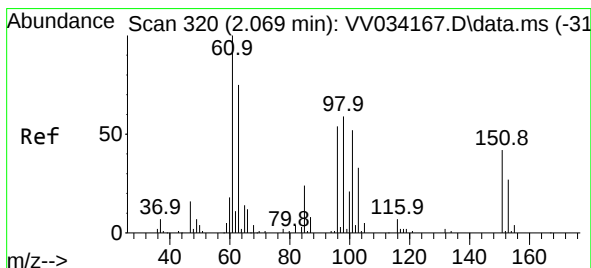
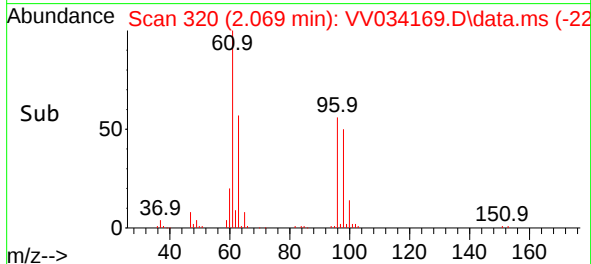
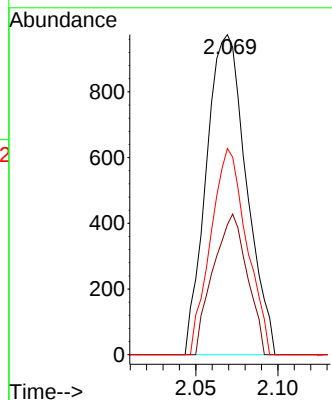
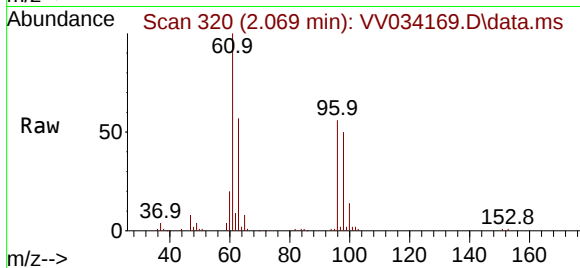
Tgt Ion:101 Resp: 1654

Ion Ratio Lower Upper

101 100

85 37.3 37.1 55.7

151 57.8 61.7 92.5#



#12

1,1-Dichloroethene

Concen: 7.363 ug/L

RT: 2.069 min Scan# 320

Delta R.T. -0.000 min

Lab File: VV034169.D

Acq: 14 Feb 2024 10:11

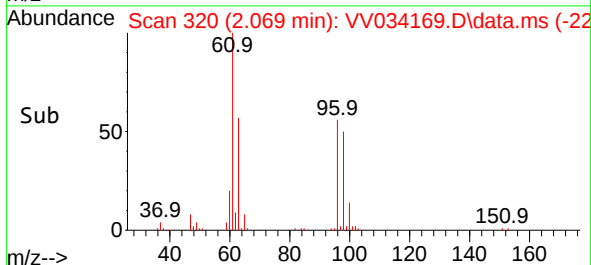
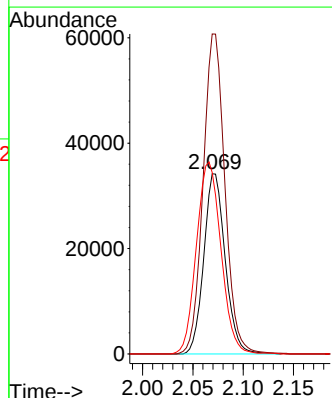
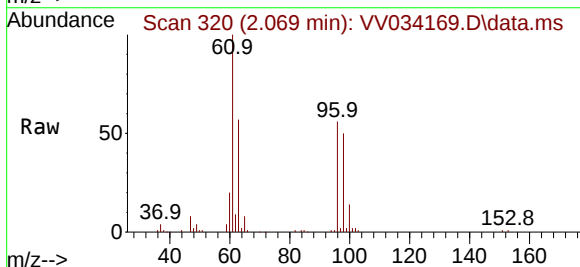
Tgt Ion: 96 Resp: 50672

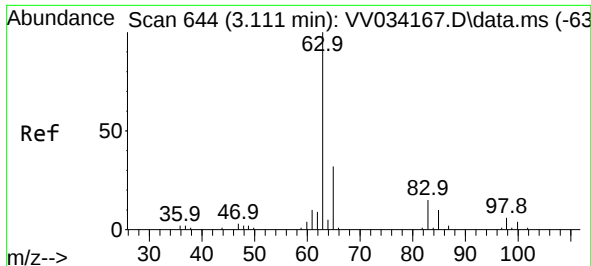
Ion Ratio Lower Upper

96 100

61 177.7 128.8 239.2

63 100.8 97.9 181.9





#19

1,1-Dichloroethane

Concen: 1.695 ug/L

RT: 3.114 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV034169.D

Acq: 14 Feb 2024 10:11

Instrument :

MSVOA_V

ClientSampleId :

C0AC3DL

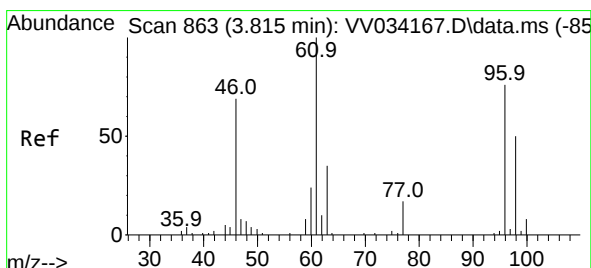
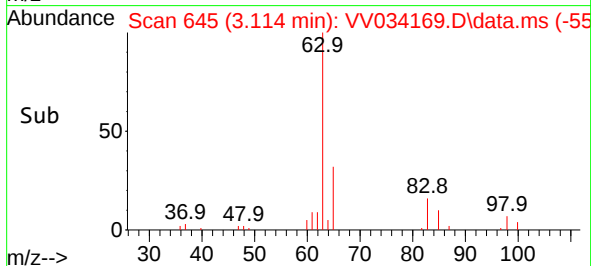
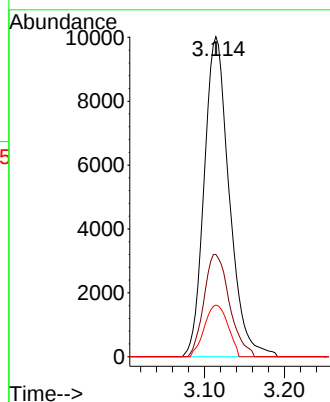
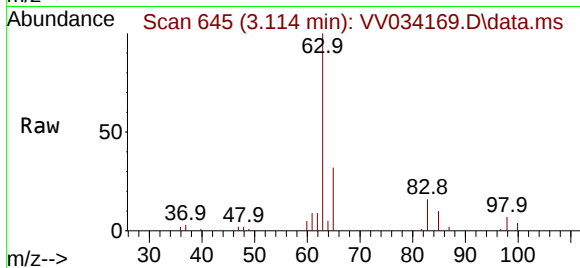
Tgt Ion: 63 Resp: 21835

Ion Ratio Lower Upper

63 100

65 32.0 20.8 38.6

83 16.1 9.4 17.4



#22

cis-1,2-Dichloroethene

Concen: 4.227 ug/L

RT: 3.815 min Scan# 863

Delta R.T. -0.000 min

Lab File: VV034169.D

Acq: 14 Feb 2024 10:11

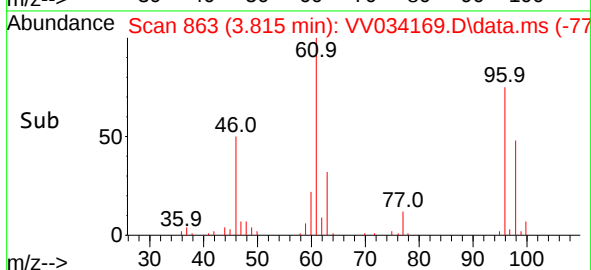
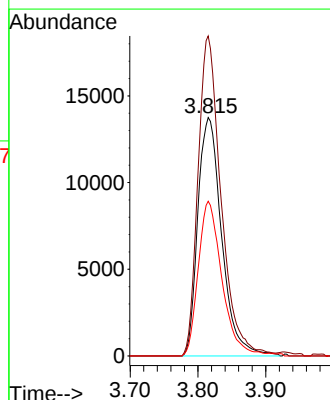
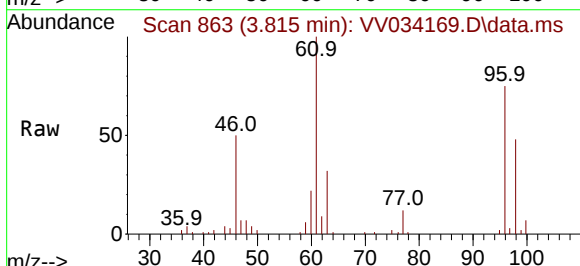
Tgt Ion: 96 Resp: 33621

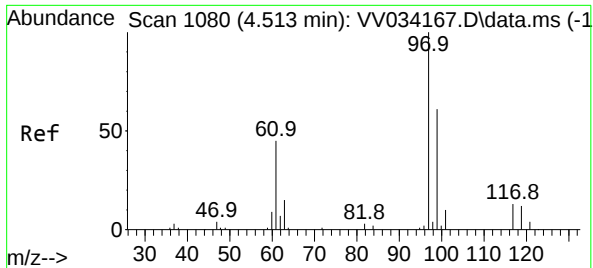
Ion Ratio Lower Upper

96 100

61 134.2 90.3 167.7

98 64.9 43.2 80.2





#29

1,1,1-Trichloroethane

Concen: 0.548 ug/L

RT: 4.516 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV034169.D

Acq: 14 Feb 2024 10:11

Instrument :

MSVOA_V

ClientSampleId :

C0AC3DL

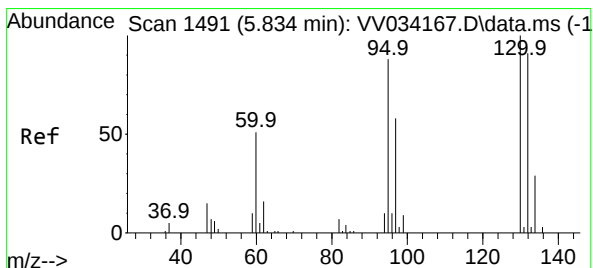
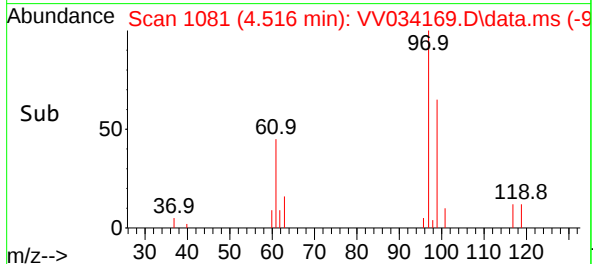
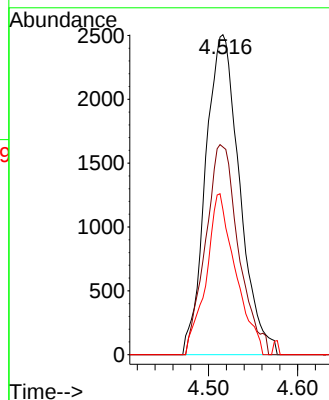
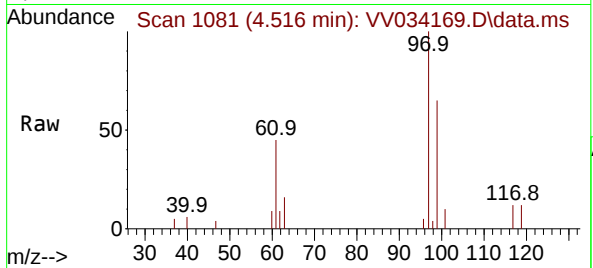
Tgt Ion: 97 Resp: 6642

Ion Ratio Lower Upper

97 100

99 63.6 50.6 75.8

61 43.5 36.8 55.2



#34

Trichloroethene

Concen: 4.781 ug/L

RT: 5.831 min Scan# 1490

Delta R.T. -0.003 min

Lab File: VV034169.D

Acq: 14 Feb 2024 10:11

Tgt Ion: 95 Resp: 37466

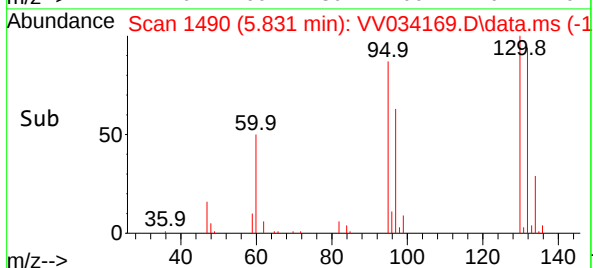
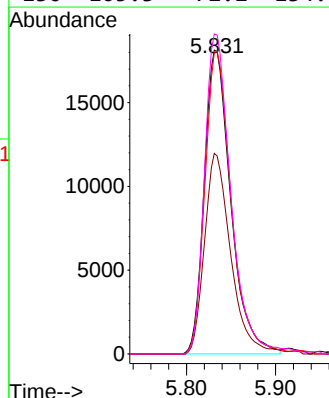
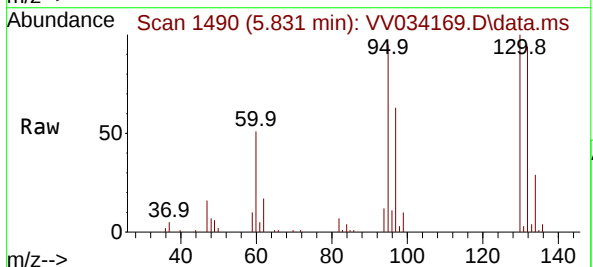
Ion Ratio Lower Upper

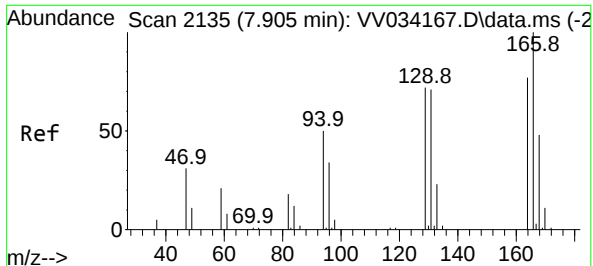
95 100

97 66.0 45.1 83.7

132 99.0 66.0 122.6

130 105.3 72.2 134.0





#47
 Tetrachloroethene
 Concen: 7.238 ug/L
 RT: 7.902 min Scan# 2134
 Delta R.T. -0.003 min
 Lab File: VV034169.D
 Acq: 14 Feb 2024 10:11

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AC3DL

Tgt Ion:164	Resp:	46082
Ion	Ratio	Lower Upper
164	100	
129	94.9	67.8 125.8
131	89.2	63.0 117.0
166	126.2	92.6 172.0

