

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120922\
 Data File : VW029569.D
 Acq On : 10 Dec 2022 10:33
 Operator : SY/MD
 Sample : N5929-12
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXZB5

Quant Time: Dec 12 00:04:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 10 07:45:47 2022
 Response via : Initial Calibration

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

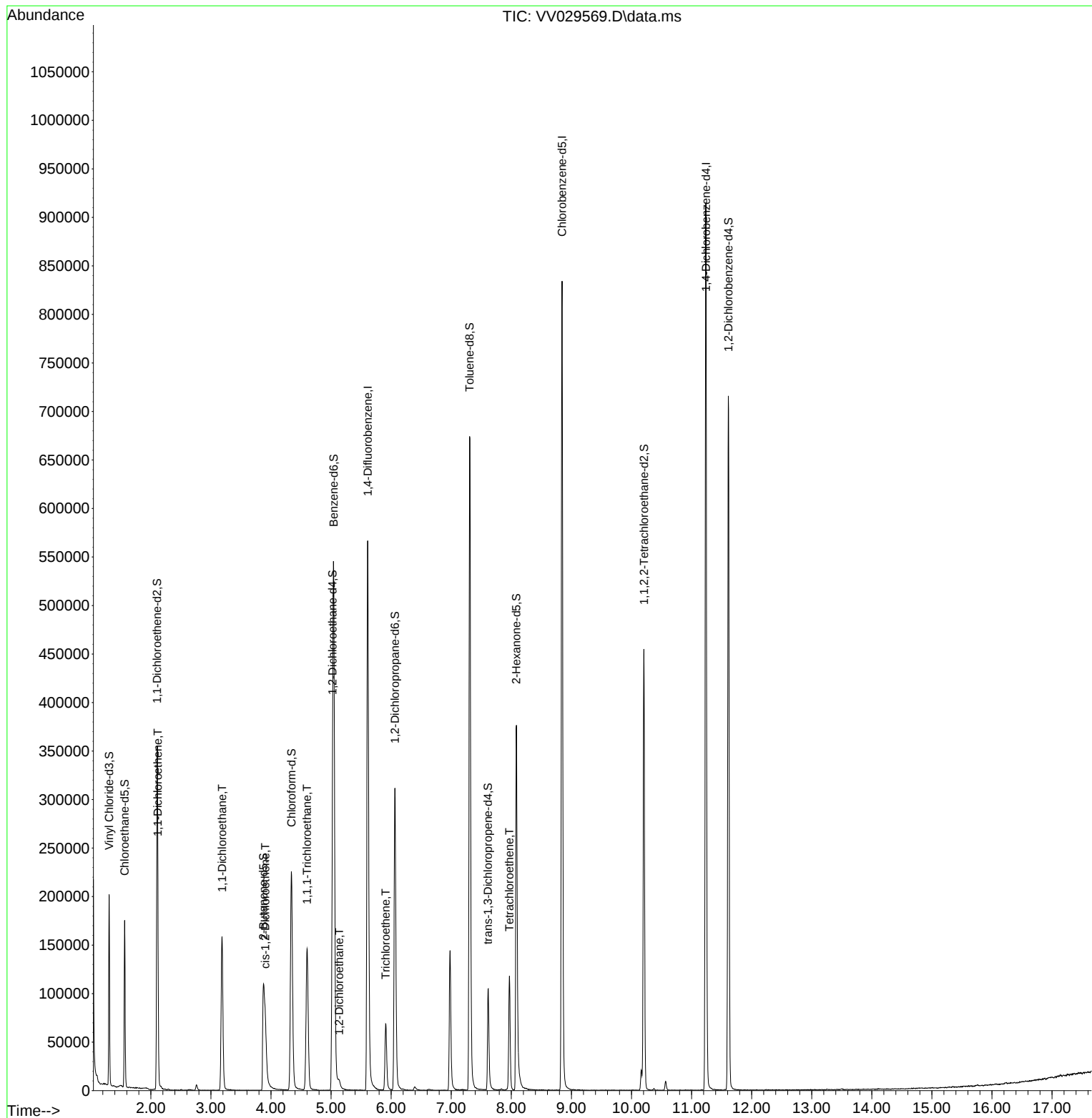
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	519627	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	483206	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	248055	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	122781	38.586	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	77.180%	
7) Chloroethane-d5	1.564	69	107562	44.331	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	88.660%	
11) 1,1-Dichloroethene-d2	2.104	63	176627	35.589	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	71.180%	
21) 2-Butanone-d5	3.873	46	173802	89.538	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	89.540%	
24) Chloroform-d	4.339	84	245530	41.004	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	82.000%	
26) 1,2-Dichloroethane-d4	5.024	65	148281	43.358	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	86.720%	
32) Benzene-d6	5.043	84	526054	41.201	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	82.400%	
36) 1,2-Dichloropropane-d6	6.063	67	162866	41.760	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	83.520%	
41) Toluene-d8	7.307	98	474052	39.405	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	78.800%#	
43) trans-1,3-Dichloroprop...	7.612	79	64534	32.769	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	65.540%	
47) 2-Hexanone-d5	8.082	63	145072	87.110	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	87.110%	
56) 1,1,2,2-Tetrachloroeth...	10.207	84	226258	40.598	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	81.200%	
66) 1,2-Dichlorobenzene-d4	11.612	152	193431	40.964	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	81.920%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.117	96	23514	8.466	ug/L	# 1
19) 1,1-Dichloroethane	3.185	63	166019	30.281	ug/L	98
20) cis-1,2-Dichloroethene	3.905	96	26708	7.589	ug/L	97
27) 1,2-Dichloroethane	5.133	62	5582	1.390	ug/L	98
30) 1,1,1-Trichloroethane	4.600	97	123272	23.416	ug/L	99
34) Trichloroethene	5.908	95	24634	7.218	ug/L	95
46) Tetrachloroethene	7.969	164	28236	10.290	ug/L	96

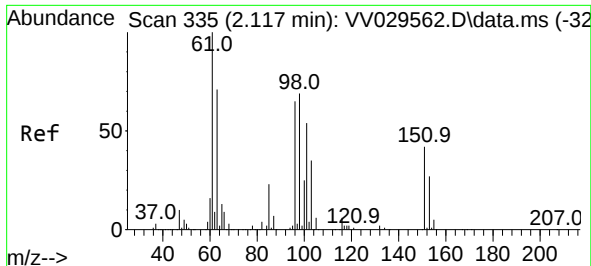
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_V
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EXZB5

Quant Time: Dec 12 00:04:33 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 10 07:45:47 2022
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 8.466 ug/L

RT: 2.117 min Scan# 335

Delta R.T. -0.000 min

Lab File: VV029569.D

Acq: 10 Dec 2022 10:33

Instrument :

MSVOA_V

ClientSampleId :

EXZB5

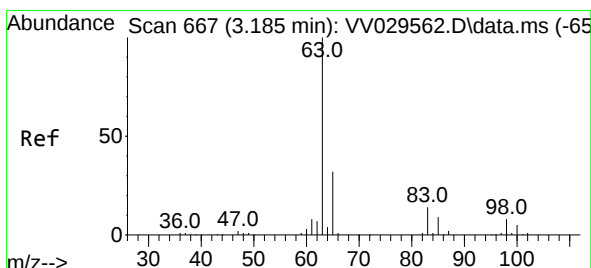
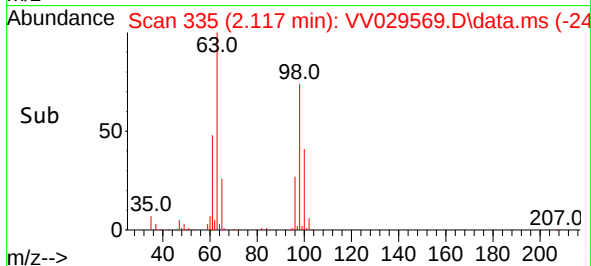
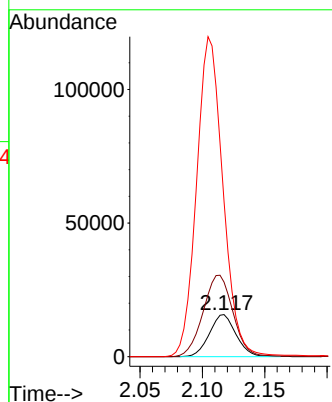
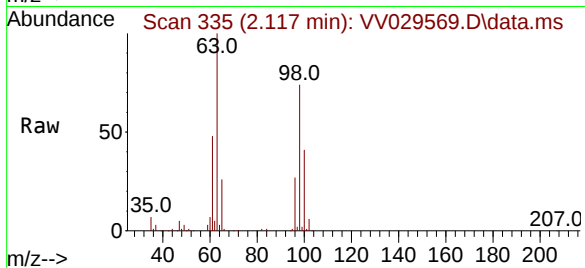
Tgt Ion: 96 Resp: 23514

Ion Ratio Lower Upper

96 100

61 177.4 103.3 191.9

63 369.4 77.3 143.7#



#19

1,1-Dichloroethane

Concen: 30.281 ug/L

RT: 3.185 min Scan# 667

Delta R.T. -0.000 min

Lab File: VV029569.D

Acq: 10 Dec 2022 10:33

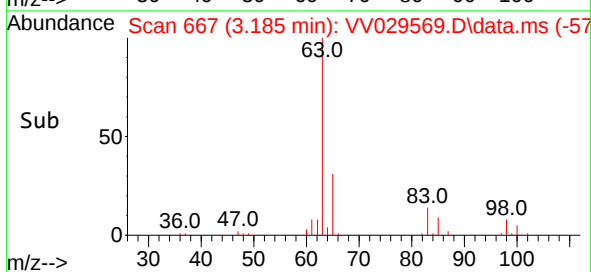
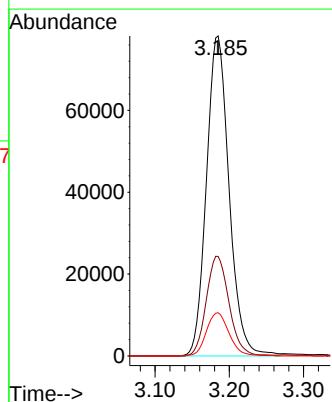
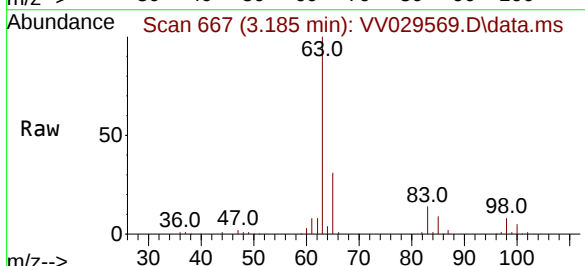
Tgt Ion: 63 Resp: 166019

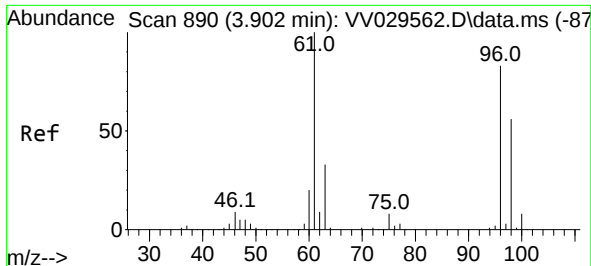
Ion Ratio Lower Upper

63 100

65 31.1 22.5 41.7

83 13.5 10.4 19.2





#20

cis-1,2-Dichloroethene

Concen: 7.589 ug/L

RT: 3.905 min Scan# 890

Delta R.T. 0.003 min

Lab File: VV029569.D

Acq: 10 Dec 2022 10:33

Instrument :

MSVOA_V

ClientSampleId :

EXZB5

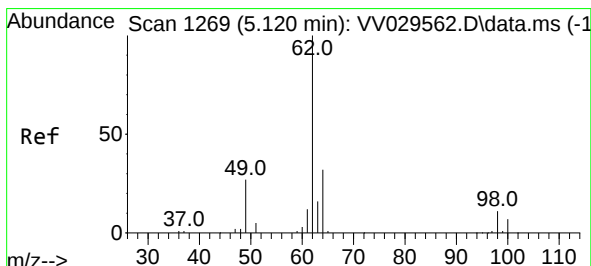
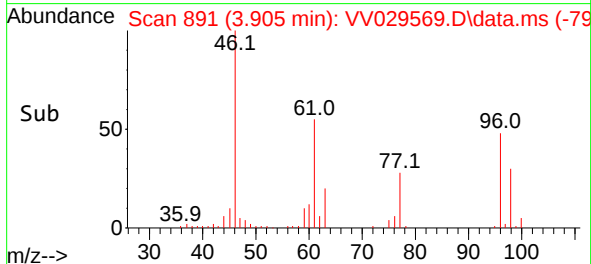
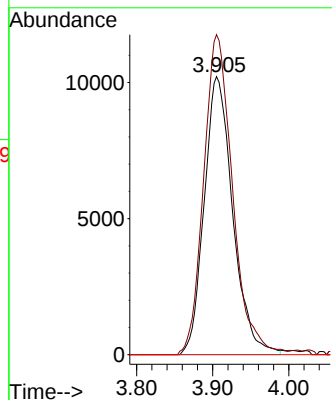
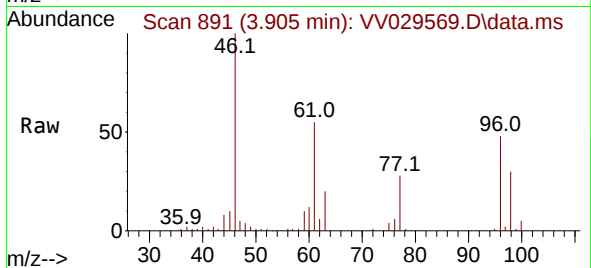
Tgt Ion: 96 Resp: 26708

Ion Ratio Lower Upper

96 100

61 115.0 78.0 144.9

68 0.0 0.0 0.0



#27

1,2-Dichloroethane

Concen: 1.390 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. 0.013 min

Lab File: VV029569.D

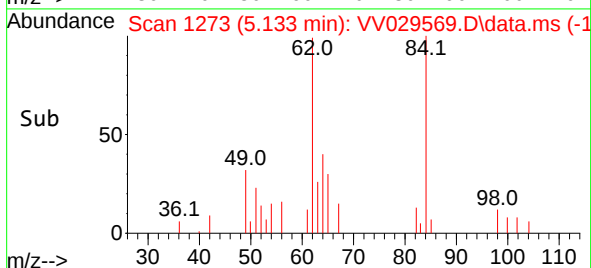
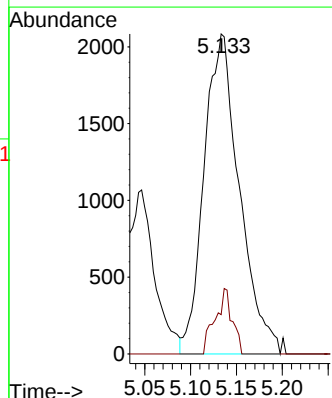
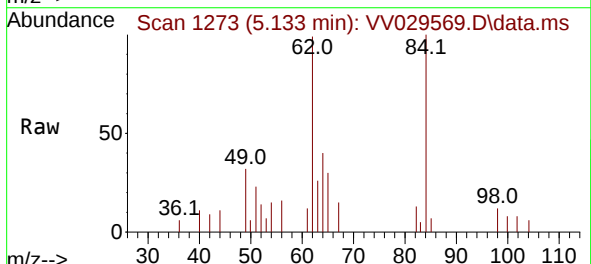
Acq: 10 Dec 2022 10:33

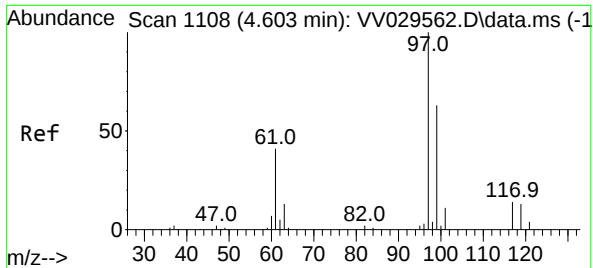
Tgt Ion: 62 Resp: 5582

Ion Ratio Lower Upper

62 100

98 12.3 9.4 14.0





#30

1,1,1-Trichloroethane

Concen: 23.416 ug/L

RT: 4.600 min Scan# 1108

Delta R.T. -0.003 min

Lab File: VV029569.D

Acq: 10 Dec 2022 10:33

Instrument :

MSVOA_V

ClientSampleId :

EXZB5

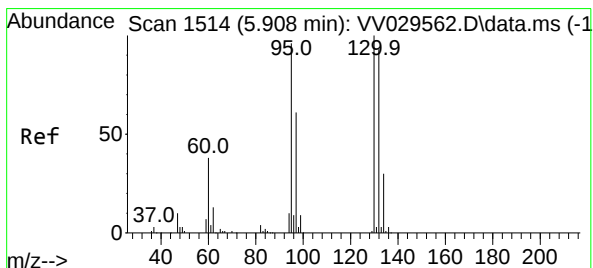
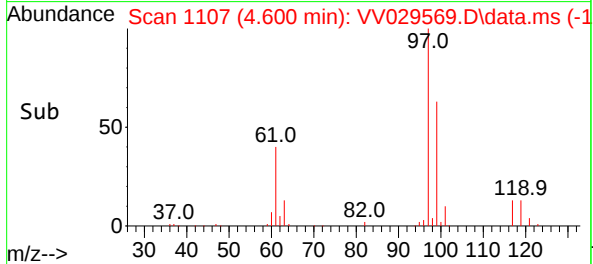
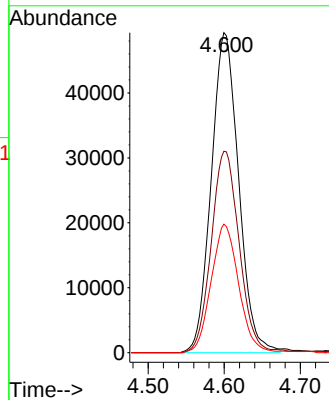
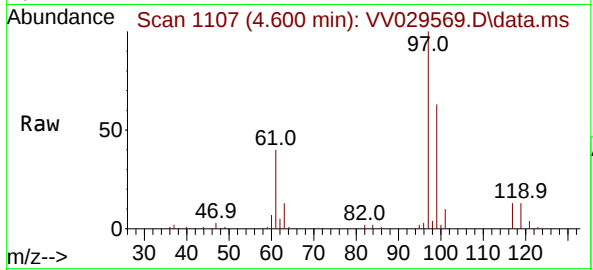
Tgt Ion: 97 Resp: 123272

Ion Ratio Lower Upper

97 100

99 64.0 52.1 78.1

61 40.2 31.8 47.8



#34

Trichloroethene

Concen: 7.218 ug/L

RT: 5.908 min Scan# 1514

Delta R.T. -0.000 min

Lab File: VV029569.D

Acq: 10 Dec 2022 10:33

Tgt Ion: 95 Resp: 24634

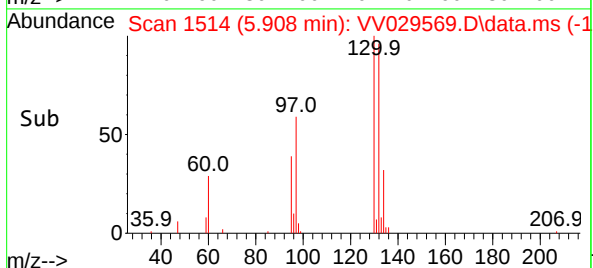
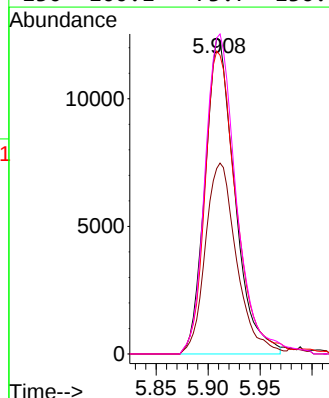
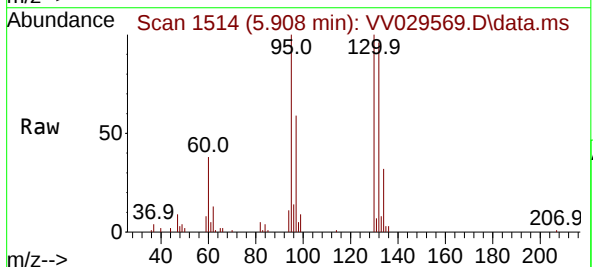
Ion Ratio Lower Upper

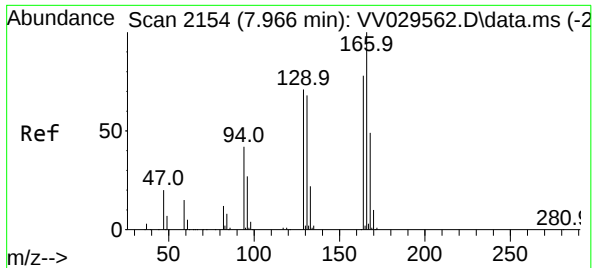
95 100

97 58.8 44.0 81.8

132 95.9 69.9 129.9

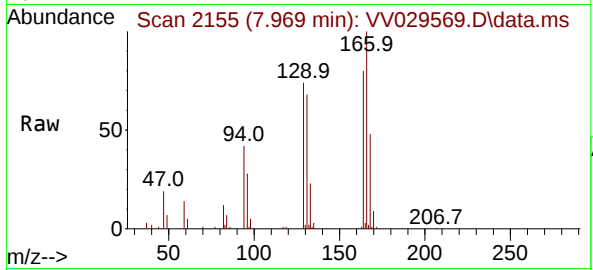
130 100.1 73.7 136.9





#46
 Tetrachloroethene
 Concen: 10.290 ug/L
 RT: 7.969 min Scan# 2155
 Delta R.T. 0.003 min
 Lab File: VV029569.D
 Acq: 10 Dec 2022 10:33

Instrument :
 MSVOA_V
 ClientSampleId :
 EXZB5



Tgt Ion:164 Resp: 28236

Ion	Ratio	Lower	Upper
164	100		
129	92.1	65.3	121.3
131	85.0	63.1	117.1
166	124.9	90.8	168.6

