

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120922\
 Data File : VW029568.D
 Acq On : 10 Dec 2022 10:09
 Operator : SY/MD
 Sample : N5929-11
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXZB3

Quant Time: Dec 12 00:04:22 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)

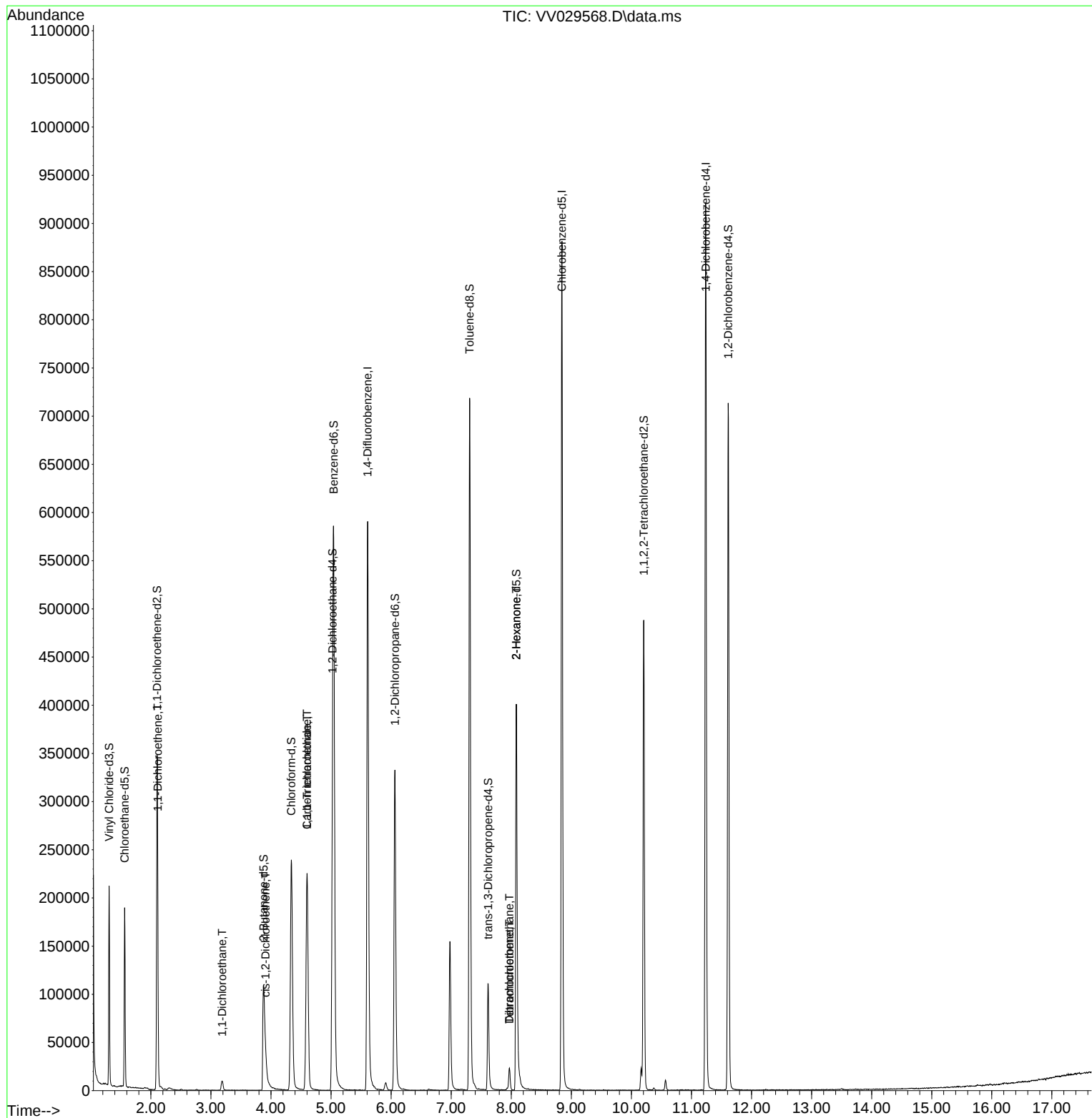
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	535367	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	500375	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	253574	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	131548	40.126	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	80.260%	
7) Chloroethane-d5	1.564	69	115749	46.302	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	92.600%	
11) 1,1-Dichloroethene-d2	2.105	63	178649	34.938	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	69.880%	
21) 2-Butanone-d5	3.876	46	183317	91.664	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	91.660%	
24) Chloroform-d	4.339	84	258349	41.877	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	83.760%	
26) 1,2-Dichloroethane-d4	5.024	65	156103	44.304	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	88.600%	
32) Benzene-d6	5.043	84	564885	42.724	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	85.440%	
36) 1,2-Dichloropropane-d6	6.063	67	174912	43.310	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	86.620%	
41) Toluene-d8	7.307	98	499848	40.124	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	80.240%	
43) trans-1,3-Dichloroprop...	7.616	79	68155	33.420	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	66.840%	
47) 2-Hexanone-d5	8.085	63	151363	87.769	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	87.770%	
56) 1,1,2,2-Tetrachloroeth...	10.207	84	242472	42.015	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	84.020%	
66) 1,2-Dichlorobenzene-d4	11.612	152	194836	40.363	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	80.720%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.114	96	7692	2.688	ug/L #	1
19) 1,1-Dichloroethane	3.185	63	10568	1.871	ug/L	98
20) cis-1,2-Dichloroethene	3.908	96	7587	2.093	ug/L	97
30) 1,1,1-Trichloroethane	4.600	97	189972	34.847	ug/L	99
31) Carbon tetrachloride	4.600	117	25944	5.450	ug/L	100
46) Tetrachloroethene	7.969	164	5663	1.993	ug/L	96
48) 2-Hexanone	8.085	43	14613	4.712	ug/L #	63
49) Dibromochloromethane	7.969	129	4971	1.280	ug/L #	10

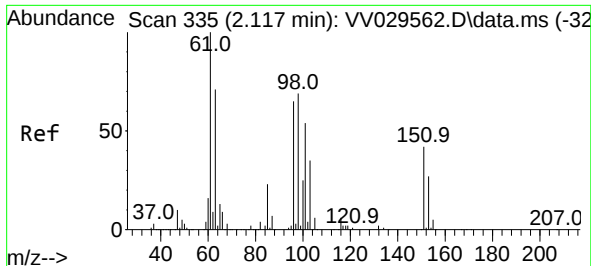
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Dec 10 07:45:47 2022
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 2.688 ug/L

RT: 2.114 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV029568.D

Acq: 10 Dec 2022 10:09

Instrument :

MSVOA_V

ClientSampleId :

EXZB3

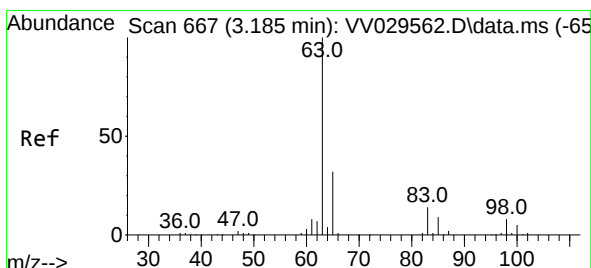
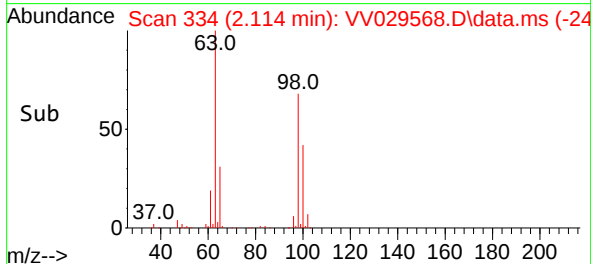
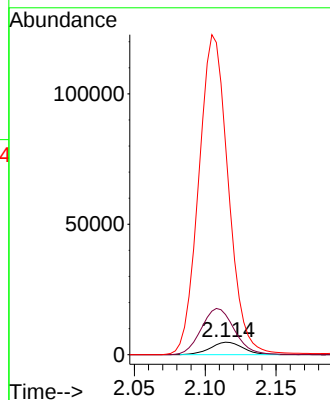
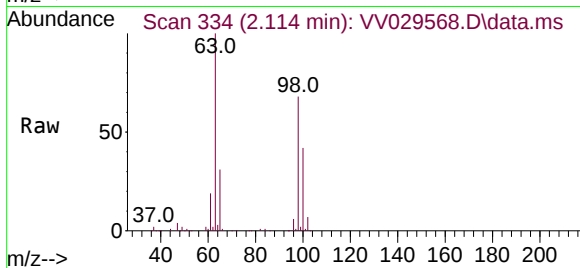
Tgt Ion: 96 Resp: 7692

Ion Ratio Lower Upper

96 100

61 323.0 103.3 191.9#

63 1695.4 77.3 143.7#



#19

1,1-Dichloroethane

Concen: 1.871 ug/L

RT: 3.185 min Scan# 667

Delta R.T. 0.000 min

Lab File: VV029568.D

Acq: 10 Dec 2022 10:09

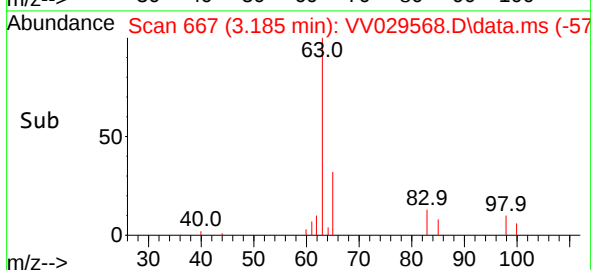
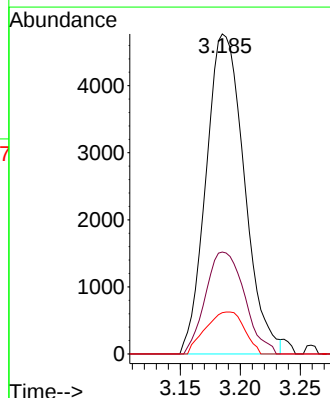
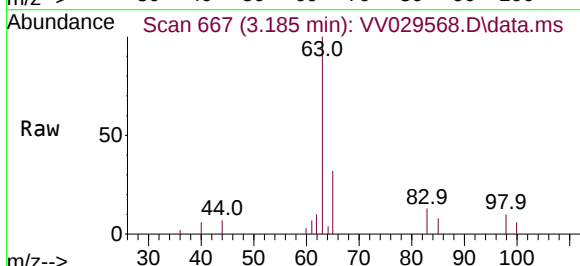
Tgt Ion: 63 Resp: 10568

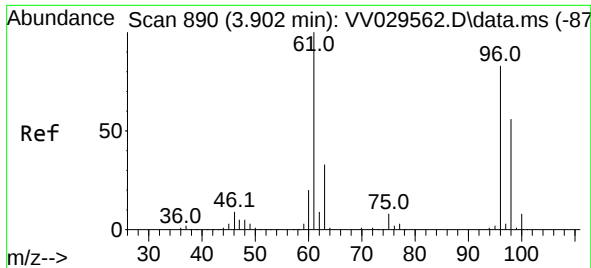
Ion Ratio Lower Upper

63 100

65 31.8 22.5 41.7

83 12.9 10.4 19.2

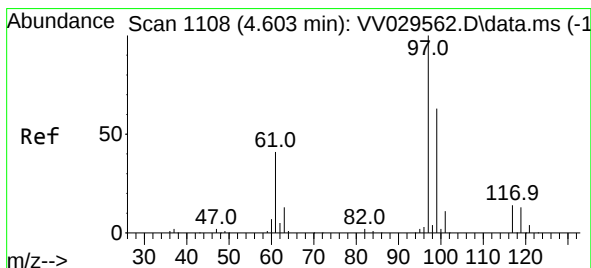
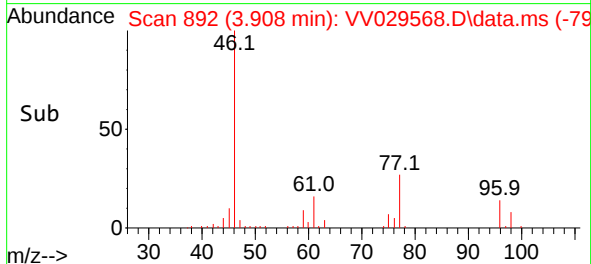
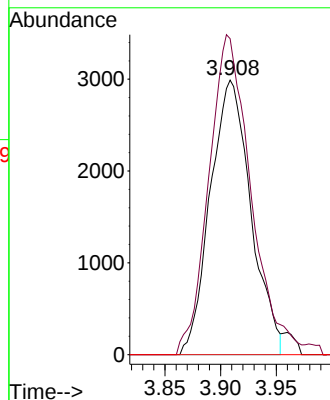
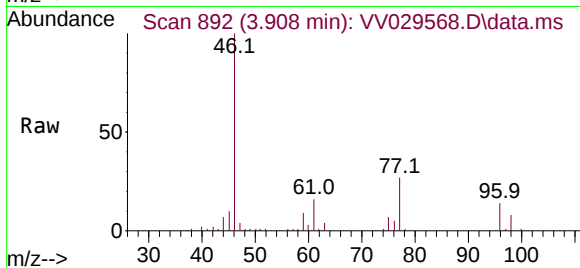




#20
 cis-1,2-Dichloroethene
 Concen: 2.093 ug/L
 RT: 3.908 min Scan# 89
 Delta R.T. 0.007 min
 Lab File: VV029568.D
 Acq: 10 Dec 2022 10:09

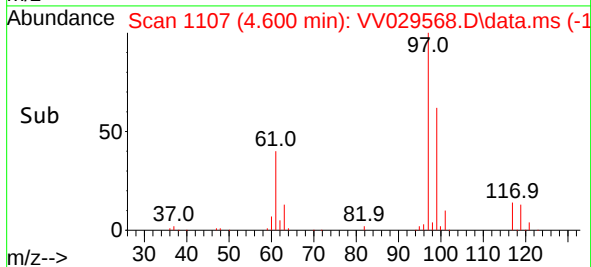
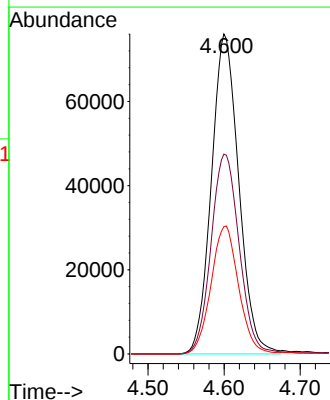
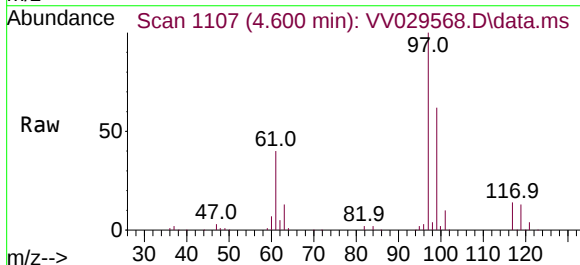
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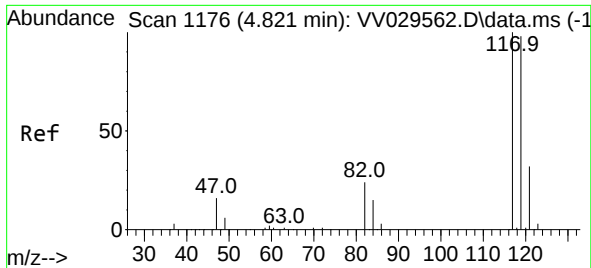
Tgt Ion: 96 Resp: 7587
 Ion Ratio Lower Upper
 96 100
 61 115.1 78.0 144.9
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 34.847 ug/L
 RT: 4.600 min Scan# 1107
 Delta R.T. -0.003 min
 Lab File: VV029568.D
 Acq: 10 Dec 2022 10:09

Tgt Ion: 97 Resp: 189972
 Ion Ratio Lower Upper
 97 100
 99 64.5 52.1 78.1
 61 40.3 31.8 47.8

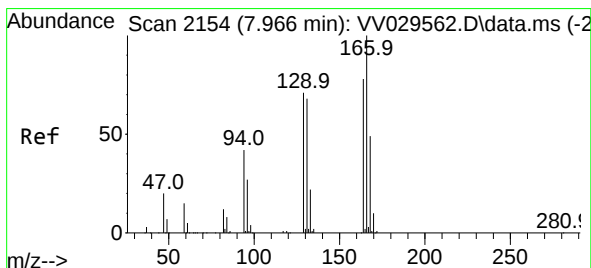
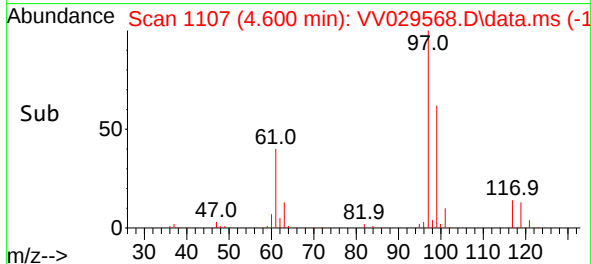
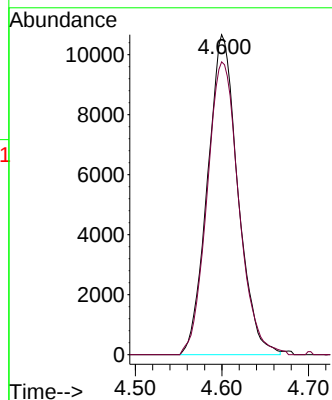
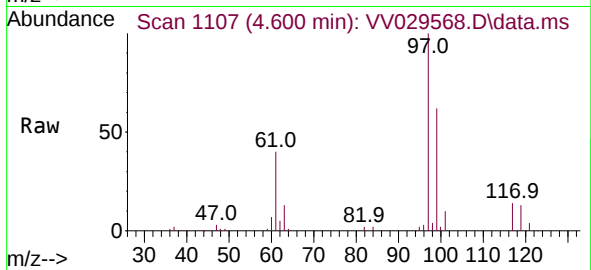




#31
Carbon tetrachloride
Concen: 5.450 ug/L
RT: 4.600 min Scan# 1176
Delta R.T. -0.222 min
Lab File: VV029568.D
Acq: 10 Dec 2022 10:09

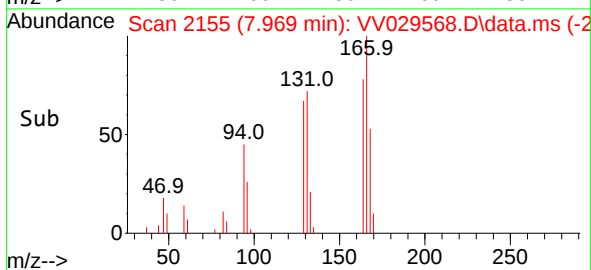
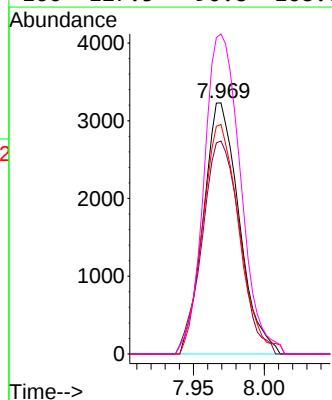
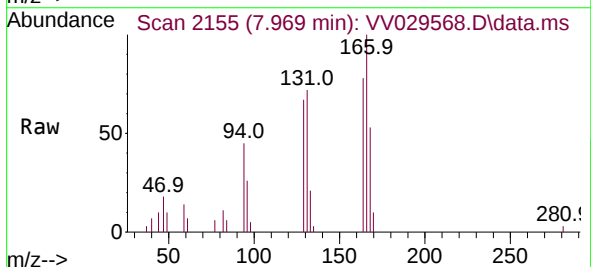
Instrument :
MSVOA_V
ClientSampleId :
EXZB3

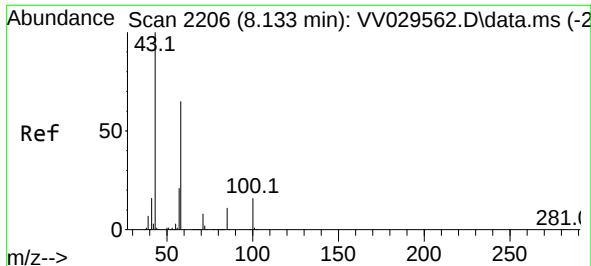
Tgt Ion:117 Resp: 25944
Ion Ratio Lower Upper
117 100
119 95.8 76.7 115.1



#46
Tetrachloroethene
Concen: 1.993 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. 0.003 min
Lab File: VV029568.D
Acq: 10 Dec 2022 10:09

Tgt Ion:164 Resp: 5663
Ion Ratio Lower Upper
164 100
129 84.8 65.3 121.3
131 91.4 63.1 117.1
166 127.5 90.8 168.6

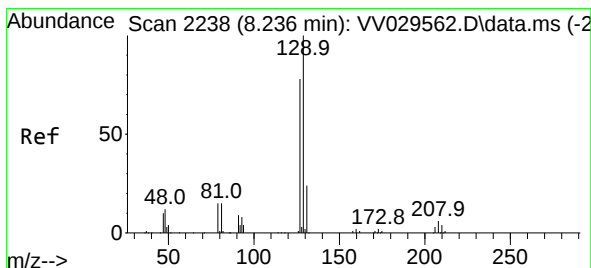
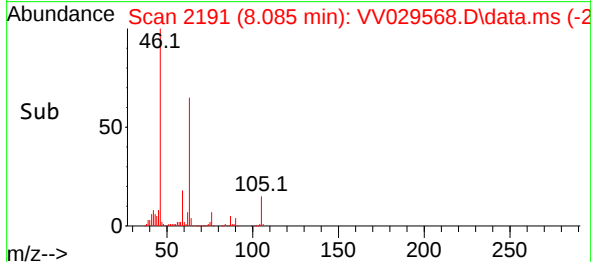
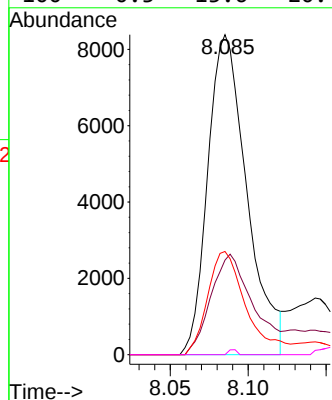
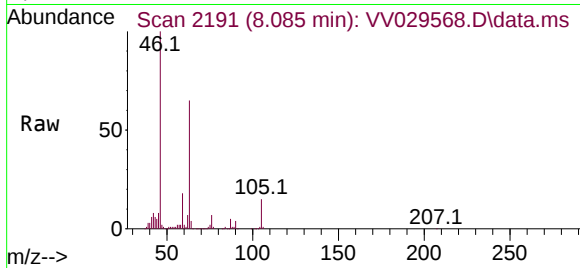




#48
2-Hexanone
Concen: 4.712 ug/L
RT: 8.085 min Scan# 2155
Delta R.T. -0.048 min
Lab File: VV029568.D
Acq: 10 Dec 2022 10:09

Instrument :
MSVOA_V
ClientSampleId :
EXZB3

Tgt Ion: 43	Resp: 14613
Ion Ratio	Lower Upper
43 100	
58 33.8	54.1 81.1#
57 31.8	17.4 26.0#
100 0.3	13.6 20.4#



#49
Dibromochloromethane
Concen: 1.280 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. -0.267 min
Lab File: VV029568.D
Acq: 10 Dec 2022 10:09

Tgt Ion: 129	Resp: 4971
Ion Ratio	Lower Upper
129 100	
127 0.0	55.2 102.4#

