

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012822\
 Data File : VW024508.D
 Acq On : 28 Jan 2022 23:51
 Operator : SY/MD
 Sample : N1328-18 100X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COHN7

Quant Time: Jan 29 03:56:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jan 29 03:50:16 2022
 Response via : Initial Calibration

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

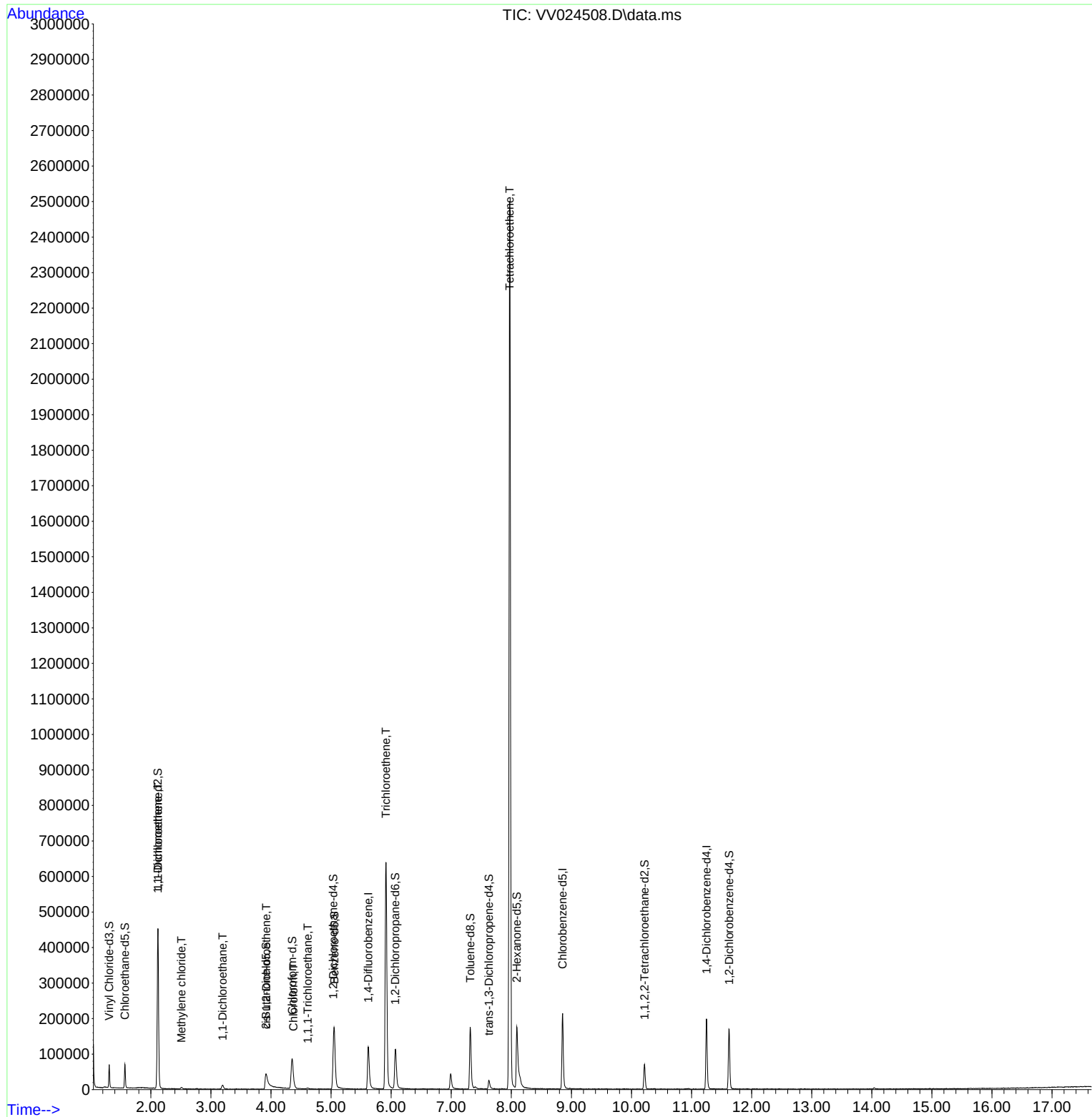
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	96020	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	111806	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	49530	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	37179	4.420	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	88.400%	
7) Chloroethane-d5	1.568	69	41524	5.659	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	113.200%	
11) 1,1-Dichloroethene-d2	2.114	63	129472	8.052	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	161.000%#	
20) 2-Butanone-d5	3.915	46	72406	54.006	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	108.020%	
24) Chloroform-d	4.352	84	88665	5.554	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	111.000%	
26) 1,2-Dichloroethane-d4	5.037	65	45145	6.244	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	124.800%	
32) Benzene-d6	5.053	84	147167	4.407	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.200%	
36) 1,2-Dichloropropane-d6	6.069	67	55987	5.324	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	106.400%	
41) Toluene-d8	7.317	98	114831	3.748	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	75.000%	
43) trans-1,3-Dichloroprop...	7.625	79	15362	4.254	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	85.000%	
46) 2-Hexanone-d5	8.092	63	69176	56.031	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	112.060%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	35045	5.600	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	112.000%	
66) 1,2-Dichlorobenzene-d4	11.625	152	42481	5.002	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	100.000%	
Target Compounds						
						Qvalue
12) 1,1-Dichloroethene	2.121	96	109198	15.133	ug/L	82
16) Methylene chloride	2.510	84	1673	0.227	ug/L	85
19) 1,1-Dichloroethane	3.195	63	11548	0.895	ug/L	89
22) cis-1,2-Dichloroethene	3.918	96	9399	1.352	ug/L	80
25) Chloroform	4.375	83	5693	0.388	ug/L	93
29) 1,1,1-Trichloroethane	4.609	97	1842	0.142	ug/L	88
34) Trichloroethene	5.912	95	231500	27.368	ug/L	89
47) Tetrachloroethene	7.973	164	535228	80.324	ug/L	97

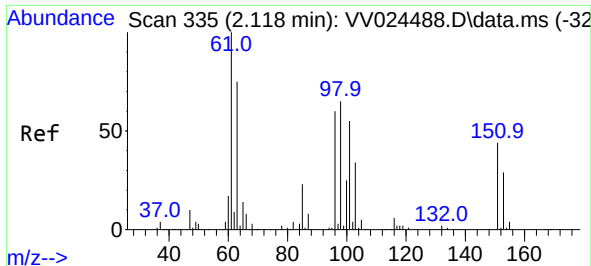
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jan 29 03:50:16 2022
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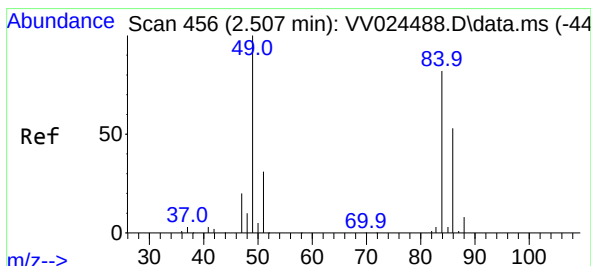
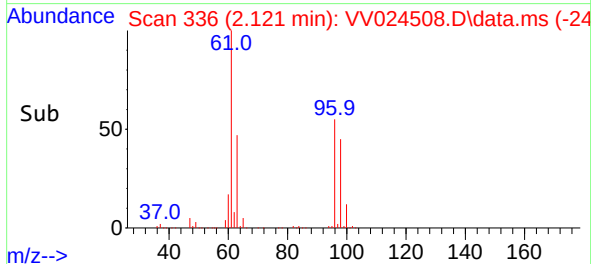
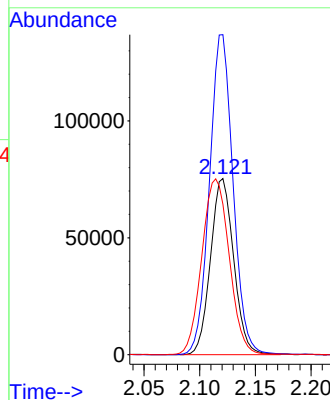
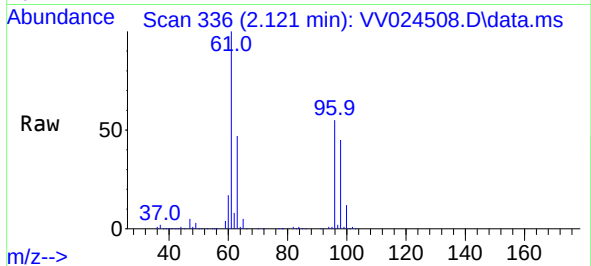




#12
1,1-Dichloroethene
Concen: 15.133 ug/L
RT: 2.121 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV024508.D
Acq: 28 Jan 2022 23:51

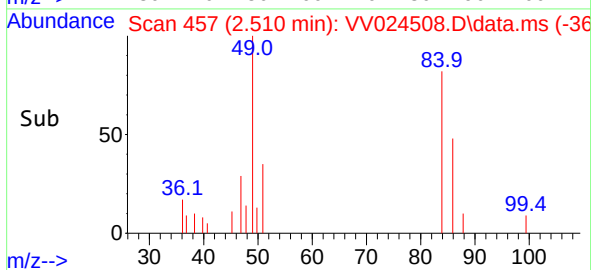
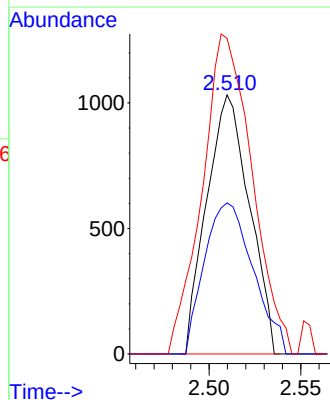
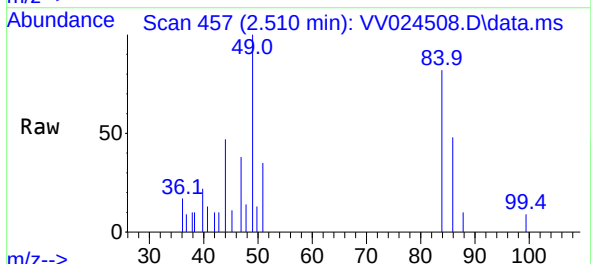
Instrument :
MSVOA_V
ClientSampleId :
COHN7

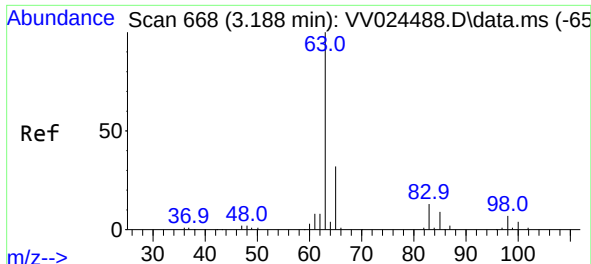
Tgt Ion: 96 Resp: 109198
Ion Ratio Lower Upper
96 100
61 181.6 116.1 215.5
63 85.3 79.4 147.4



#16
Methylene chloride
Concen: 0.227 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV024508.D
Acq: 28 Jan 2022 23:51

Tgt Ion: 84 Resp: 1673
Ion Ratio Lower Upper
84 100
86 58.3 42.6 79.0
49 137.4 79.7 147.9

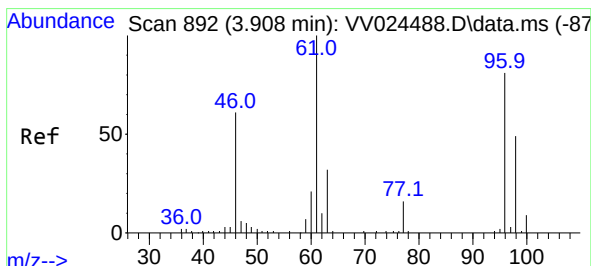
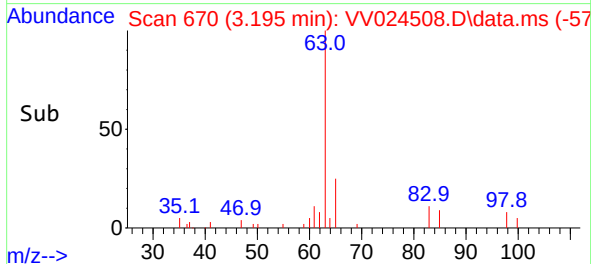
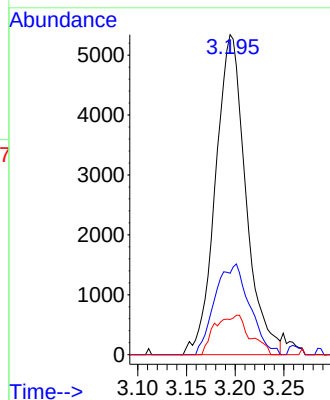
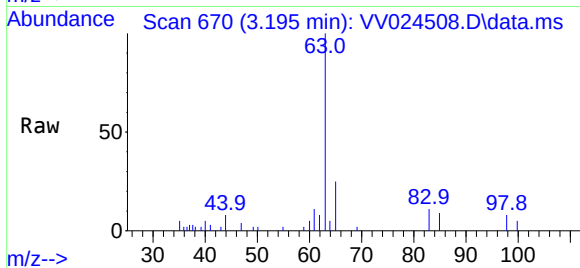




#19
1,1-Dichloroethane
Concen: 0.895 ug/L
RT: 3.195 min Scan# 61
Delta R.T. 0.006 min
Lab File: VV024508.D
Acq: 28 Jan 2022 23:51

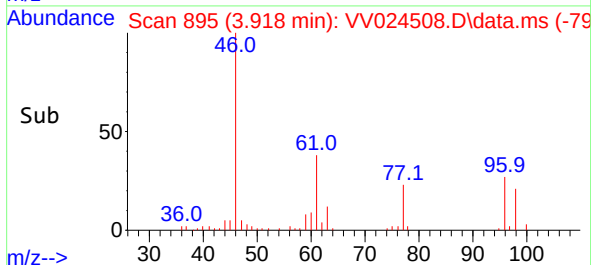
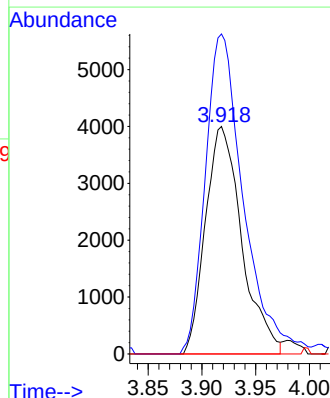
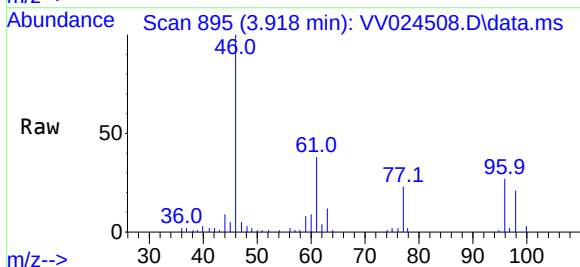
Instrument :
MSVOA_V
ClientSampleId :
COHN7

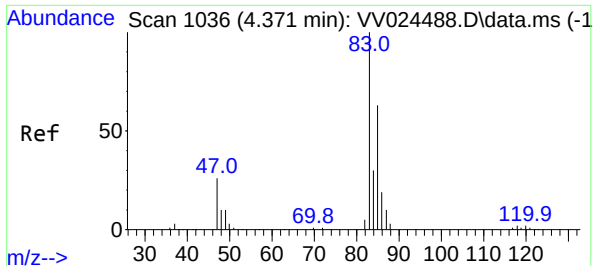
Tgt Ion: 63 Resp: 11548
Ion Ratio Lower Upper
63 100
65 25.4 22.3 41.3
83 11.0 10.7 19.9



#22
cis-1,2-Dichloroethene
Concen: 1.352 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.010 min
Lab File: VV024508.D
Acq: 28 Jan 2022 23:51

Tgt Ion: 96 Resp: 9399
Ion Ratio Lower Upper
96 100
61 140.7 83.4 154.8
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.388 ug/L

RT: 4.375 min Scan# 110

Delta R.T. 0.003 min

Lab File: VV024508.D

Acq: 28 Jan 2022 23:51

Instrument :

MSVOA_V

ClientSampleId :

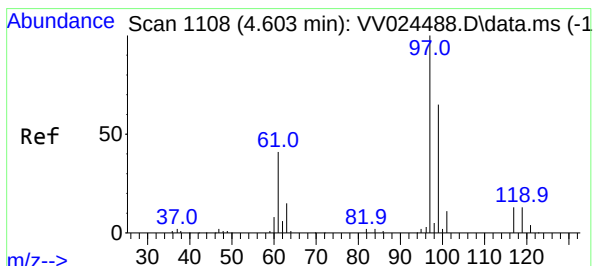
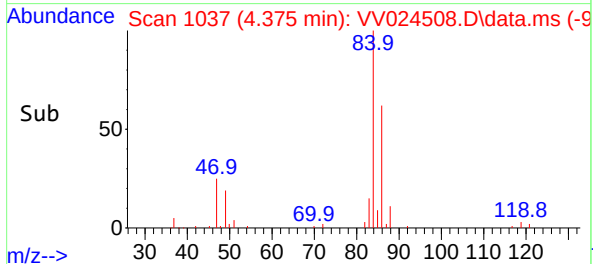
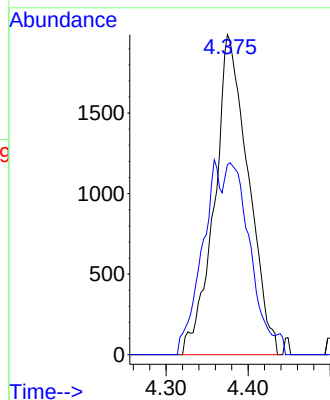
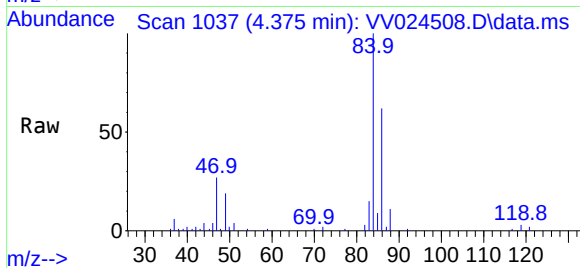
COHN7

Tgt Ion: 83 Resp: 5693

Ion Ratio Lower Upper

83 100

85 59.3 45.2 84.0



#29

1,1,1-Trichloroethane

Concen: 0.142 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.006 min

Lab File: VV024508.D

Acq: 28 Jan 2022 23:51

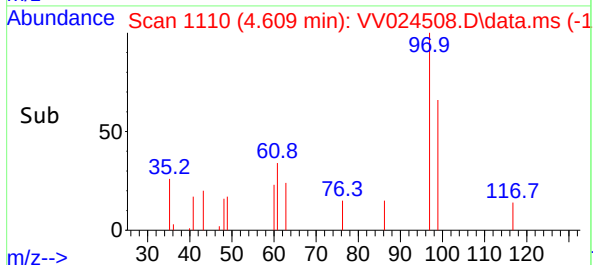
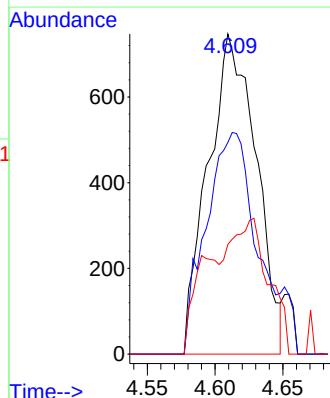
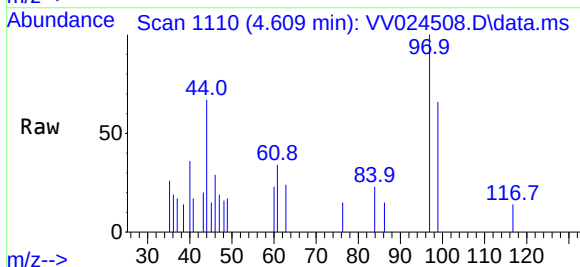
Tgt Ion: 97 Resp: 1842

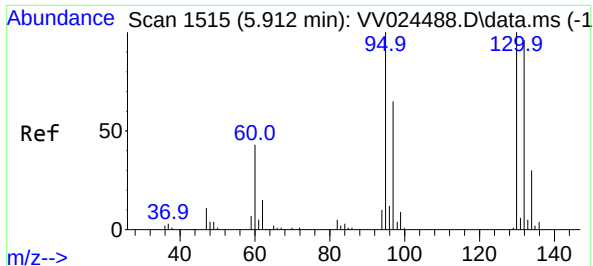
Ion Ratio Lower Upper

97 100

99 76.3 51.9 77.9

61 35.6 33.2 49.8

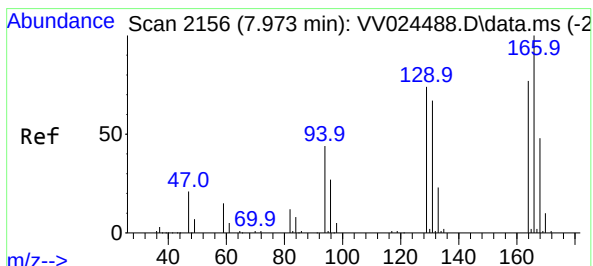
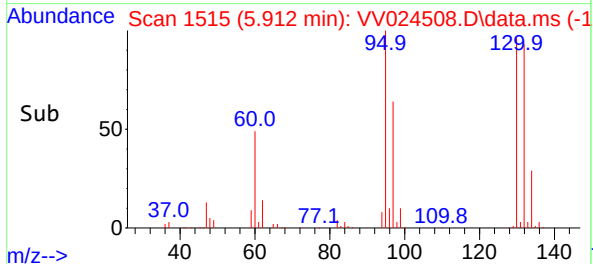
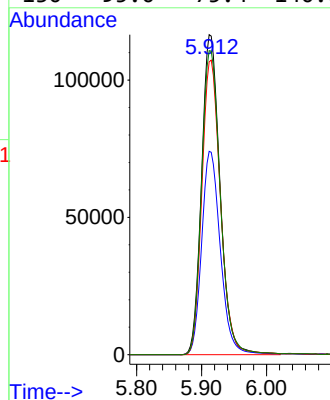
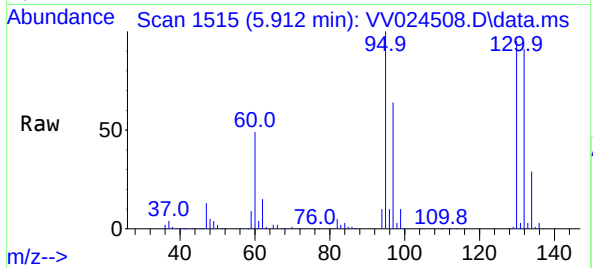




#34
Trichloroethene
Concen: 27.368 ug/L
RT: 5.912 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV024508.D
Acq: 28 Jan 2022 23:51

Instrument :
MSVOA_V
ClientSampleId :
COHN7

Tgt Ion: 95 Resp: 231500
Ion Ratio Lower Upper
95 100
97 63.5 45.2 84.0
132 91.5 76.1 141.3
130 95.0 75.4 140.0



#47
Tetrachloroethene
Concen: 80.324 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. -0.000 min
Lab File: VV024508.D
Acq: 28 Jan 2022 23:51

Tgt Ion:164 Resp: 535228
Ion Ratio Lower Upper
164 100
129 94.5 62.6 116.2
131 91.0 61.0 113.4
166 125.6 87.3 162.1

