

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112222\
 Data File : VW029275.D
 Acq On : 22 Nov 2022 20:33
 Operator : SY/MD
 Sample : N5648-02DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H46C6DL

Quant Time: Nov 23 04:46:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 23 01:46:18 2022
 Response via : Initial Calibration

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

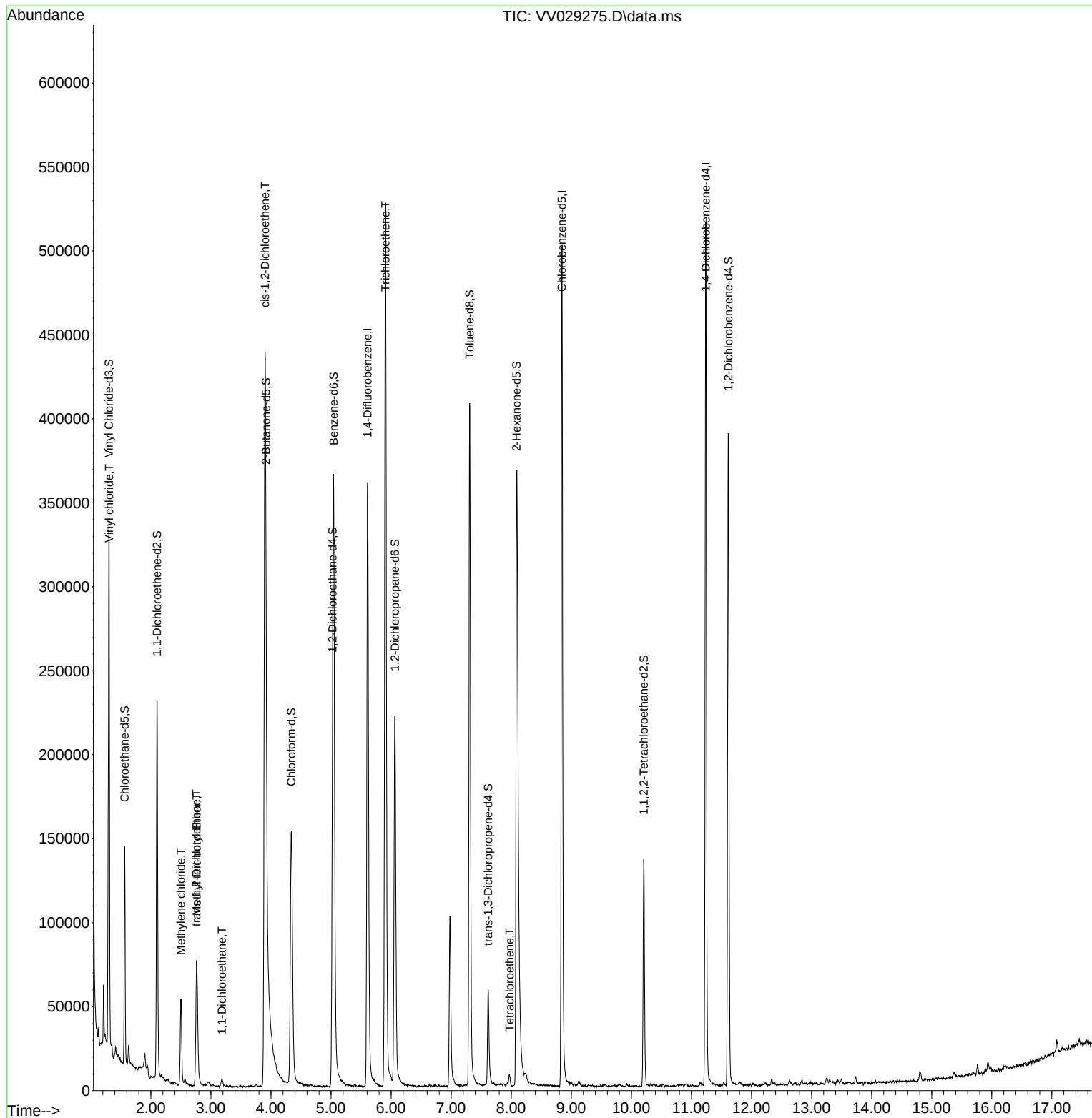
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	304258	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	268075	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	126192	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	96664	3.331	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	66.600%	
7) Chloroethane-d5	1.565	69	83764	3.687	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	73.800%	
11) 1,1-Dichloroethene-d2	2.101	63	124442	2.517	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	50.400%#	
20) 2-Butanone-d5	3.915	46	228722	53.388	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	106.780%	
24) Chloroform-d	4.339	84	161228	3.917	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	78.400%	
26) 1,2-Dichloroethane-d4	5.024	65	82648	4.245	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.000%	
32) Benzene-d6	5.043	84	334844	3.831	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	76.600%	
36) 1,2-Dichloropropane-d6	6.063	67	114411	4.143	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	82.800%	
41) Toluene-d8	7.307	98	273639	3.475	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	69.400%#	
43) trans-1,3-Dichloroprop...	7.616	79	35097	3.817	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	76.400%	
46) 2-Hexanone-d5	8.088	63	105630	64.083	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	128.160%	
56) 1,1,2,2-Tetrachloroeth...	10.207	84	66401	4.837	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	96.800%	
66) 1,2-Dichlorobenzene-d4	11.616	152	95338	3.916	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	78.400%#	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.307	62	32012	0.955	ug/L	97
16) Methylene chloride	2.500	84	20074	0.568	ug/L	94
17) Methyl tert-butyl Ether	2.764	73	67393	1.367	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	5552	0.243	ug/L	94
19) 1,1-Dichloroethane	3.182	63	4318	0.094	ug/L	96
22) cis-1,2-Dichloroethene	3.902	96	211126	8.481	ug/L	99
34) Trichloroethene	5.905	95	193575	7.536	ug/L	97
47) Tetrachloroethene	7.976	164	1364	0.081	ug/L	83

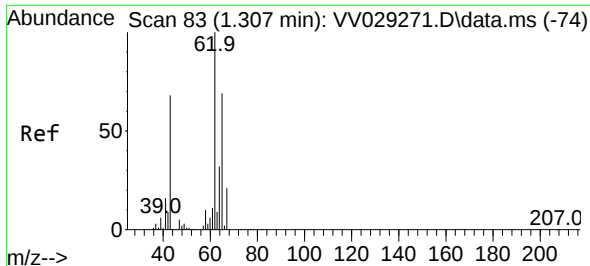
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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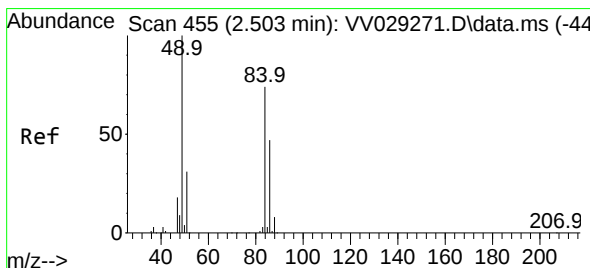
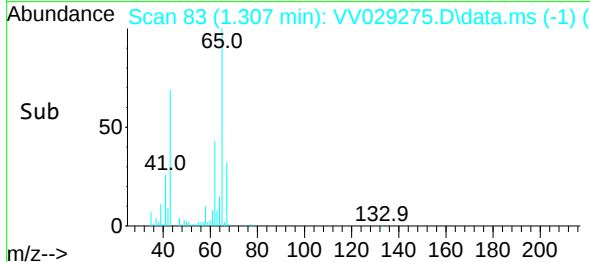
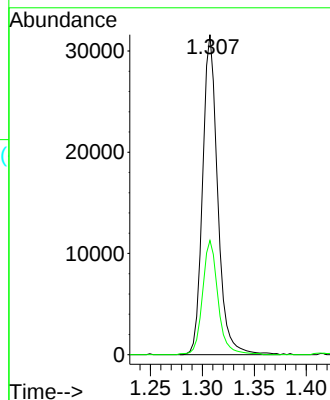
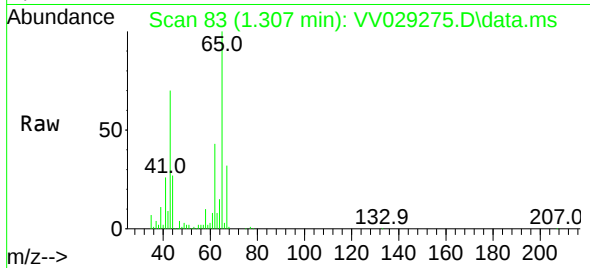




#5
 Vinyl chloride
 Concen: 0.955 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VV029275.D
 Acq: 22 Nov 2022 20:33

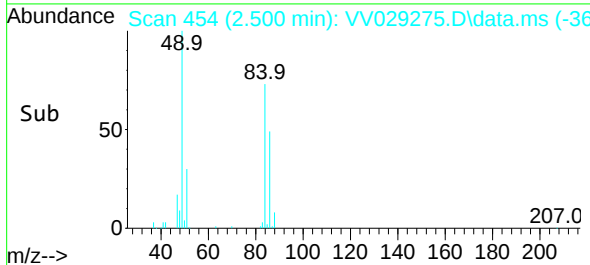
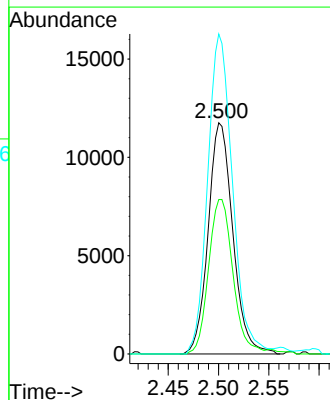
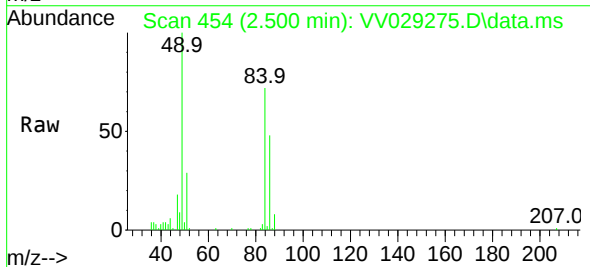
Instrument :
 MSVOA_V
 ClientSampleId :
 H46C6DL

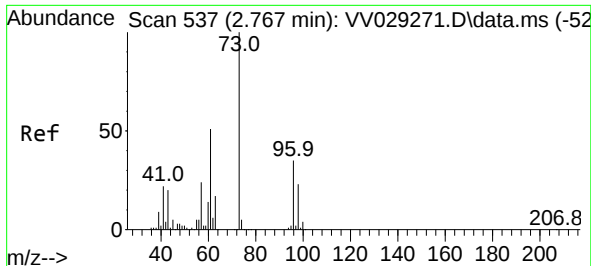
Tgt Ion: 62 Resp: 32012
 Ion Ratio Lower Upper
 62 100
 64 35.7 23.8 44.2



#16
 Methylene chloride
 Concen: 0.568 ug/L
 RT: 2.500 min Scan# 454
 Delta R.T. -0.003 min
 Lab File: VV029275.D
 Acq: 22 Nov 2022 20:33

Tgt Ion: 84 Resp: 20074
 Ion Ratio Lower Upper
 84 100
 86 66.8 44.2 82.2
 49 138.4 91.9 170.7

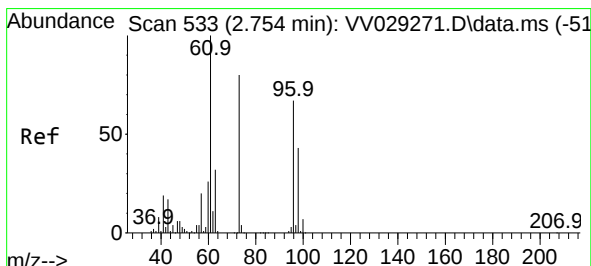
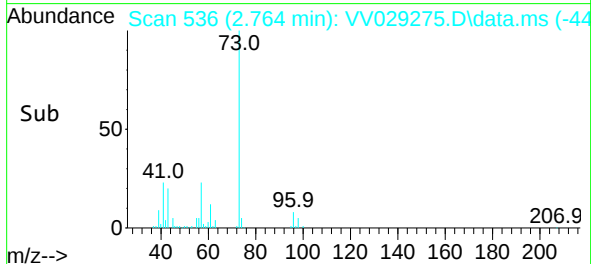
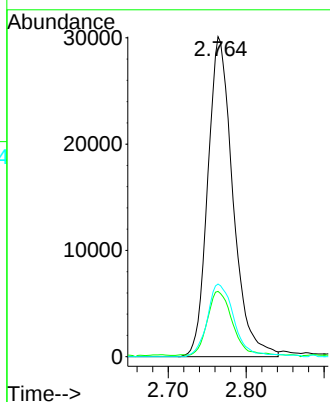
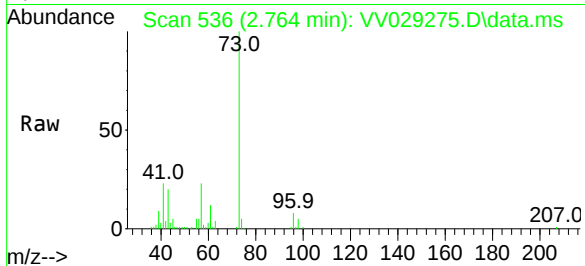




#17
Methyl tert-butyl Ether
Concen: 1.367 ug/L
RT: 2.764 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV029275.D
Acq: 22 Nov 2022 20:33

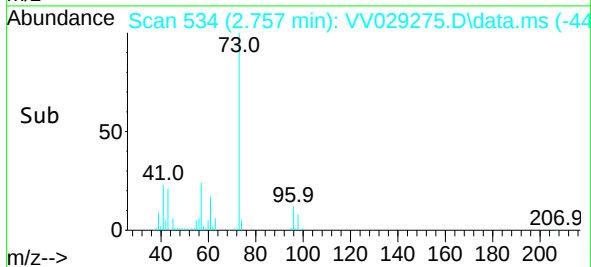
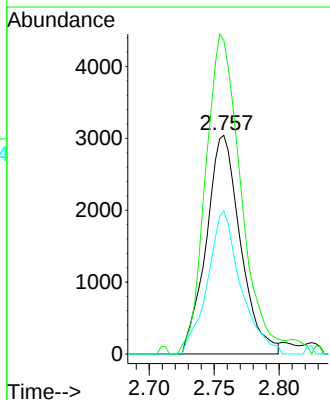
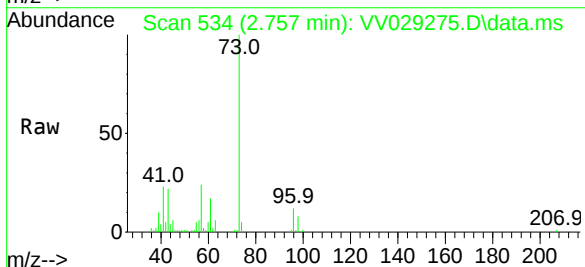
Instrument :
MSVOA_V
ClientSampleId :
H46C6DL

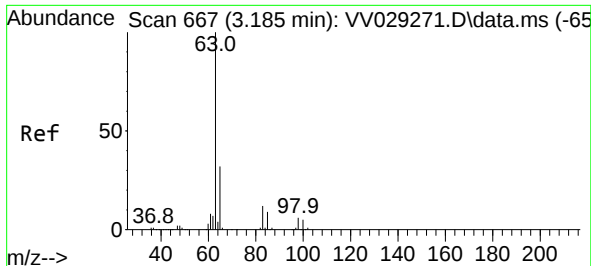
Tgt Ion: 73 Resp: 67393
Ion Ratio Lower Upper
73 100
43 19.6 15.4 23.2
57 24.3 18.9 28.3



#18
trans-1,2-Dichloroethene
Concen: 0.243 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.003 min
Lab File: VV029275.D
Acq: 22 Nov 2022 20:33

Tgt Ion: 96 Resp: 5552
Ion Ratio Lower Upper
96 100
61 143.4 107.6 199.8
98 65.4 44.3 82.3





#19

1,1-Dichloroethane

Concen: 0.094 ug/L

RT: 3.182 min Scan# 6

Delta R.T. -0.003 min

Lab File: VV029275.D

Acq: 22 Nov 2022 20:33

Instrument :

MSVOA_V

ClientSampleId :

H46C6DL

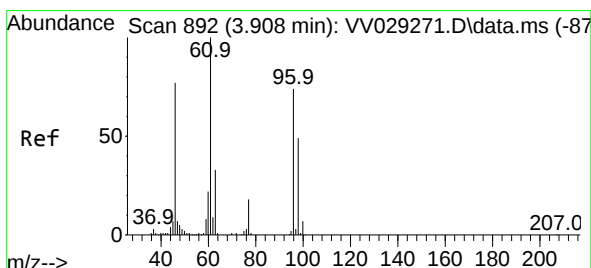
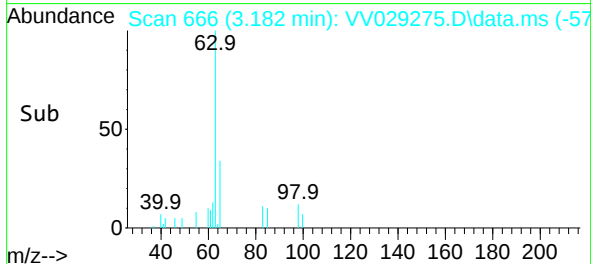
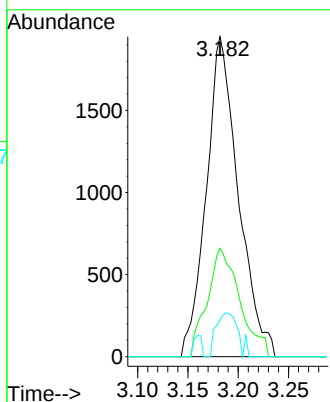
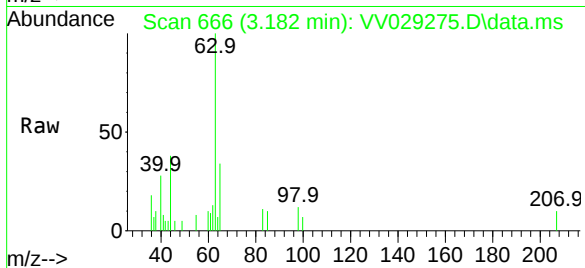
Tgt Ion: 63 Resp: 4318

Ion Ratio Lower Upper

63 100

65 33.8 22.1 41.1

83 11.5 9.0 16.8



#22

cis-1,2-Dichloroethene

Concen: 8.481 ug/L

RT: 3.902 min Scan# 890

Delta R.T. -0.006 min

Lab File: VV029275.D

Acq: 22 Nov 2022 20:33

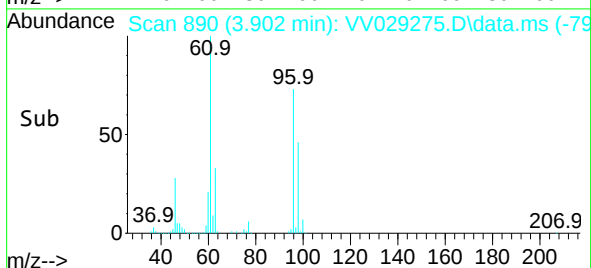
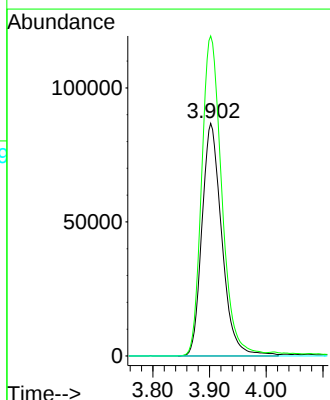
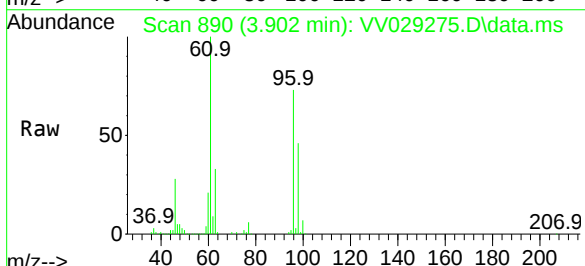
Tgt Ion: 96 Resp: 211126

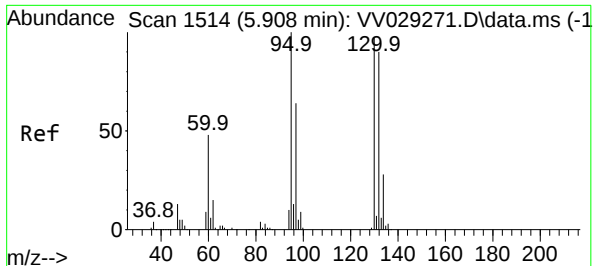
Ion Ratio Lower Upper

96 100

61 137.5 95.8 178.0

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 7.536 ug/L

RT: 5.905 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV029275.D

Acq: 22 Nov 2022 20:33

Instrument :

MSVOA_V

ClientSampleId :

H46C6DL

Tgt Ion: 95 Resp: 193575

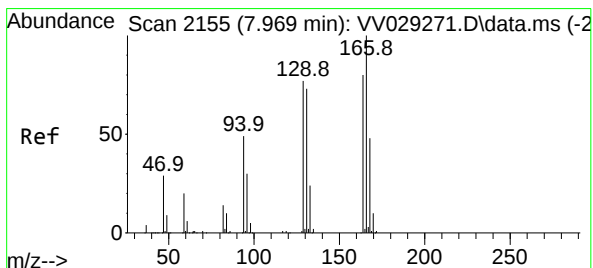
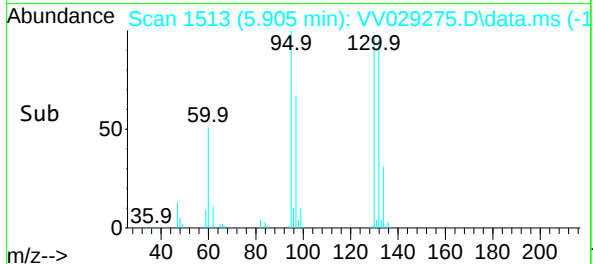
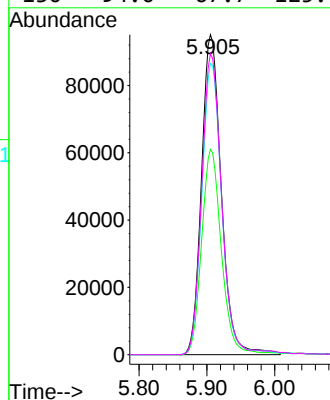
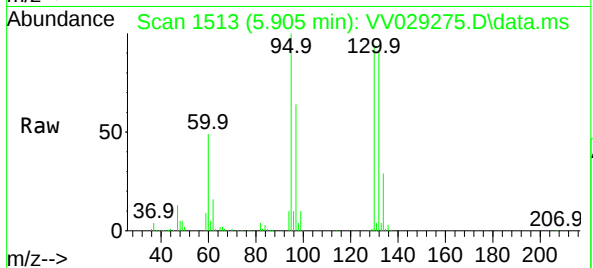
Ion Ratio Lower Upper

95 100

97 64.2 46.7 86.7

132 90.9 65.7 122.1

130 94.0 67.7 125.7



#47

Tetrachloroethene

Concen: 0.081 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.007 min

Lab File: VV029275.D

Acq: 22 Nov 2022 20:33

Tgt Ion:164 Resp: 1364

Ion Ratio Lower Upper

164 100

129 82.3 68.3 126.8

131 76.4 65.2 121.0

166 105.8 88.1 163.7

