

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103122\
 Data File : VV028782.D
 Acq On : 31 Oct 2022 15:55
 Operator : SY/MD
 Sample : N5301-07
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 01 04:56:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 01 04:42:28 2022
 Response via : Initial Calibration

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

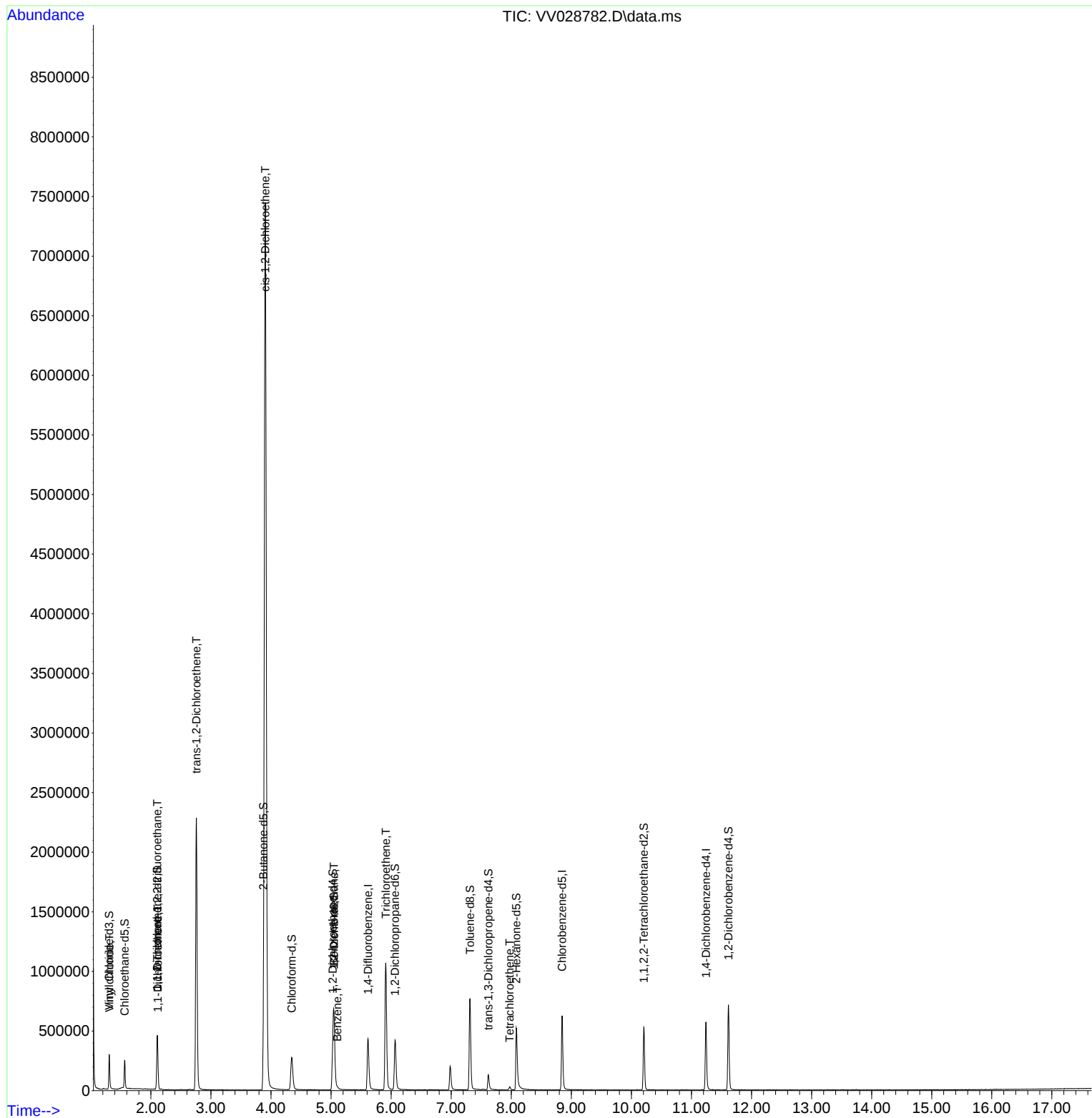
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	345742	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	310751	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	132016	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	151158	46.119	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	92.240%	
7) Chloroethane-d5	1.565	69	146336	52.229	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	104.460%	
11) 1,1-Dichloroethene-d2	2.108	63	244436	39.206	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	78.420%	
21) 2-Butanone-d5	3.876	46	303851	127.355	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	127.360%	
24) Chloroform-d	4.346	84	270009	54.621	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	109.240%	
26) 1,2-Dichloroethane-d4	5.027	65	194125	59.379	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	118.760%	
32) Benzene-d6	5.047	84	573477	59.116	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	118.240%	
36) 1,2-Dichloropropane-d6	6.066	67	202952	60.938	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	121.880%#	
41) Toluene-d8	7.314	98	486699	57.069	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	114.140%	
43) trans-1,3-Dichloroprop...	7.619	79	69621	54.428	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	108.860%	
47) 2-Hexanone-d5	8.085	63	179421	119.211	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	119.210%	
56) 1,1,2,2-Tetrachloroeth...	10.207	84	257962	58.738	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	117.480%	
66) 1,2-Dichlorobenzene-d4	11.616	152	160785	61.701	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	123.400%#	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.311	62	60870	15.659	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	2140	0.817	ug/L #	24
12) 1,1-Dichloroethene	2.118	96	18327	7.107	ug/L #	1
17) trans-1,2-Dichloroethene	2.757	96	765258	306.799	ug/L	97
20) cis-1,2-Dichloroethene	3.905	96	3724034	1353.140	ug/L #	99
27) 1,2-Dichloroethane	5.050	62	3970	0.963	ug/L	96
33) Benzene	5.101	78	15547	1.421	ug/L	100
34) Trichloroethene	5.912	95	370283	144.733	ug/L	99
46) Tetrachloroethene	7.976	164	5469	3.084	ug/L	91

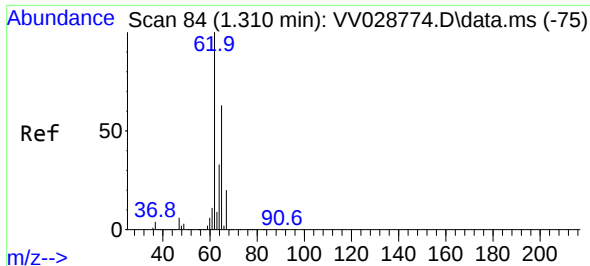
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
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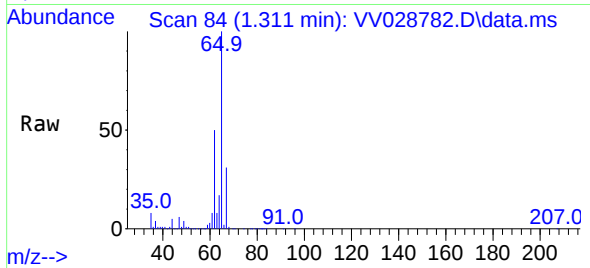
Quant Time: Nov 01 04:56:59 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103122WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 01 04:42:28 2022
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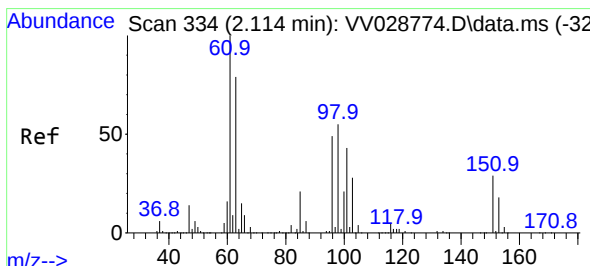
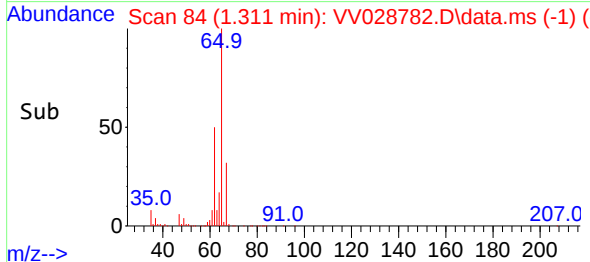
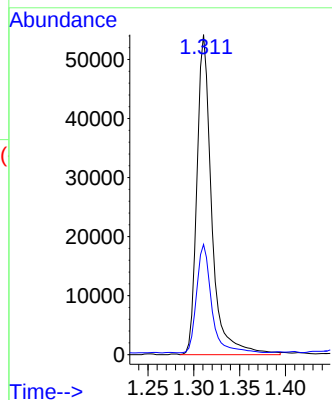


#5
 Vinyl chloride
 Concen: 15.659 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV028782.D
 Acq: 31 Oct 2022 15:55

Instrument :
 MSVOA_V
 ClientSampleId :

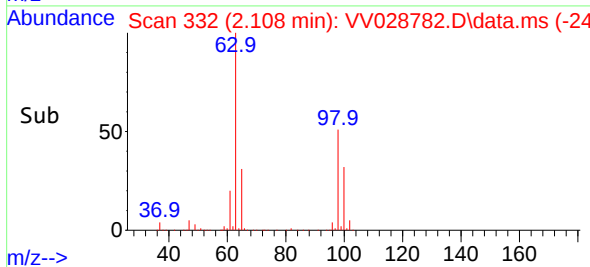
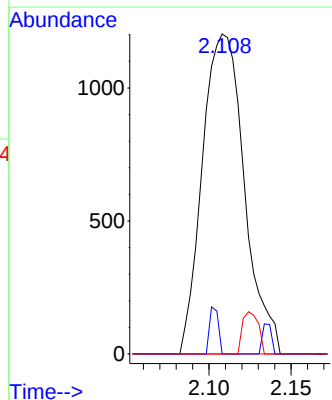
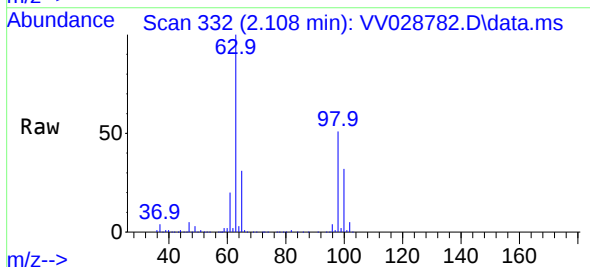


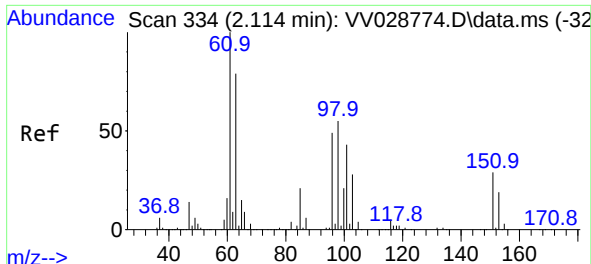
Tgt Ion: 62 Resp: 60870
 Ion Ratio Lower Upper
 62 100
 64 34.4 23.2 43.0



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.817 ug/L
 RT: 2.108 min Scan# 332
 Delta R.T. -0.006 min
 Lab File: VV028782.D
 Acq: 31 Oct 2022 15:55

Tgt Ion: 101 Resp: 2140
 Ion Ratio Lower Upper
 101 100
 85 3.0 38.0 57.0#
 151 0.0 52.7 79.1#





#12

1,1-Dichloroethene

Concen: 7.107 ug/L

RT: 2.118 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV028782.D

Acq: 31 Oct 2022 15:55

Instrument :

MSVOA_V

ClientSampleId :

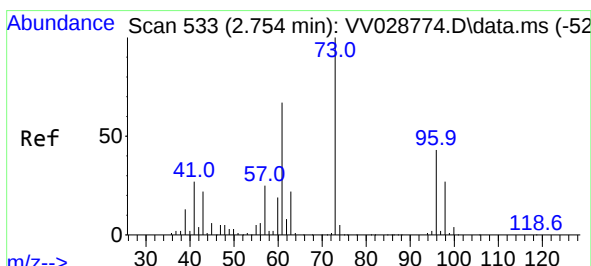
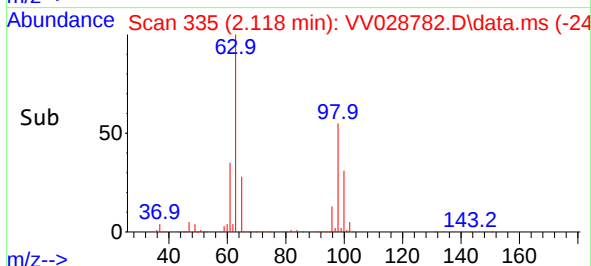
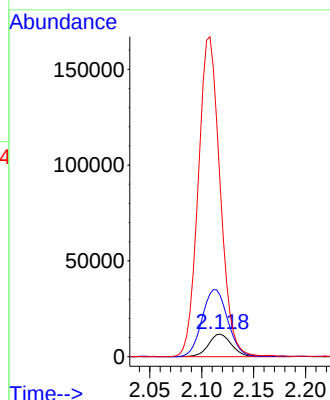
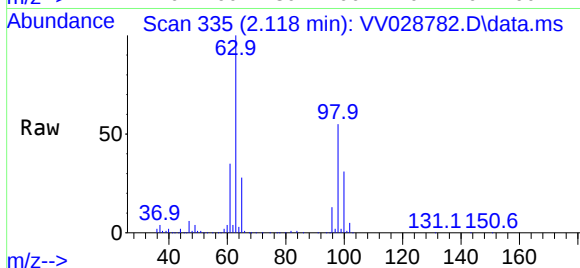
Tgt Ion: 96 Resp: 18327

Ion Ratio Lower Upper

96 100

61 272.3 142.7 265.1#

63 770.1 112.5 208.9#



#17

trans-1,2-Dichloroethene

Concen: 306.799 ug/L

RT: 2.757 min Scan# 534

Delta R.T. 0.003 min

Lab File: VV028782.D

Acq: 31 Oct 2022 15:55

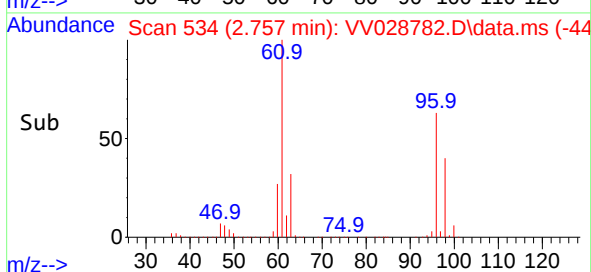
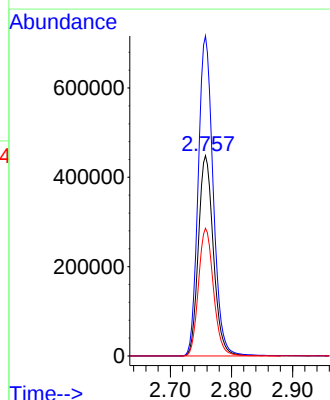
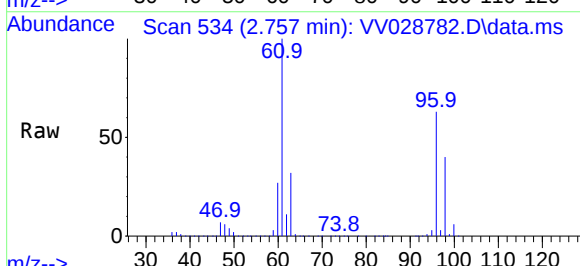
Tgt Ion: 96 Resp: 765258

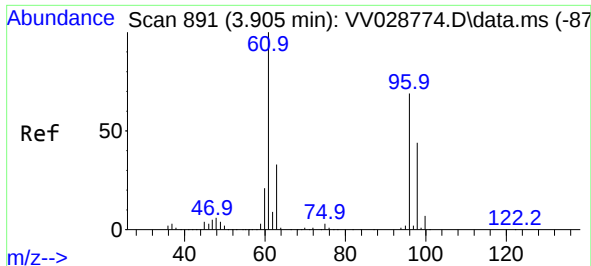
Ion Ratio Lower Upper

96 100

61 159.7 109.4 203.2

98 63.7 43.3 80.5



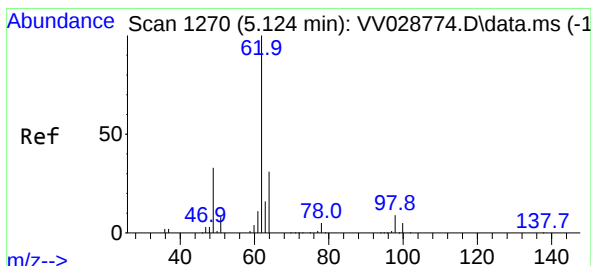
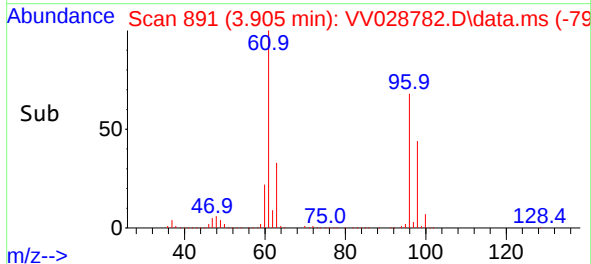
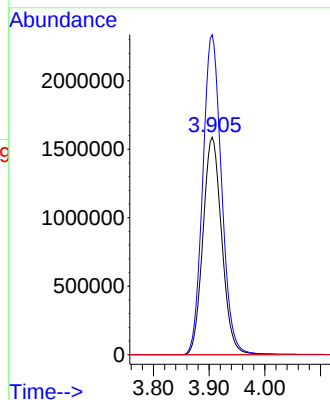
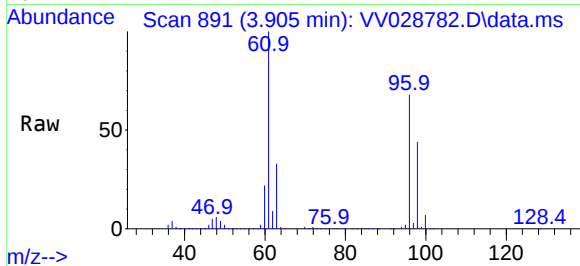


#20
 cis-1,2-Dichloroethene
 Concen: 1353.140 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. 0.000 min
 Lab File: VV028782.D
 Acq: 31 Oct 2022 15:55

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 96 Resp: 3724034

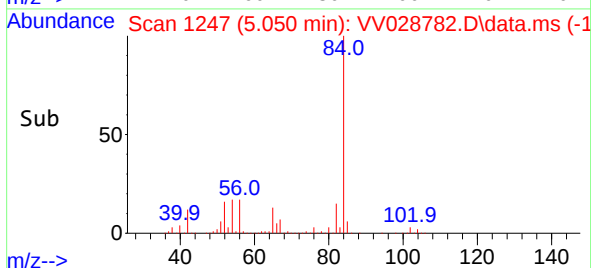
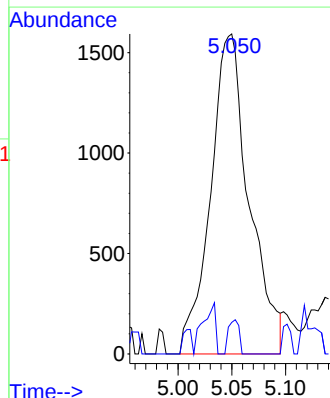
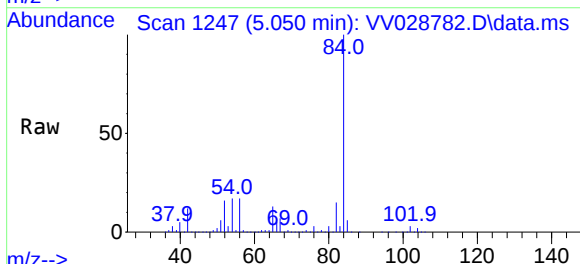
Ion	Ratio	Lower	Upper
96	100		
61	147.1	102.3	190.1
68	0.0	0.1	0.3

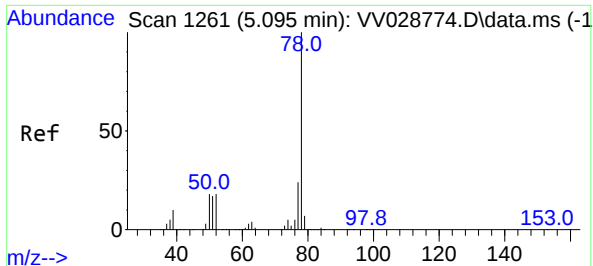


#27
 1,2-Dichloroethane
 Concen: 0.963 ug/L
 RT: 5.050 min Scan# 1247
 Delta R.T. -0.074 min
 Lab File: VV028782.D
 Acq: 31 Oct 2022 15:55

Tgt Ion: 62 Resp: 3970

Ion	Ratio	Lower	Upper
62	100		
98	9.9	6.9	10.3

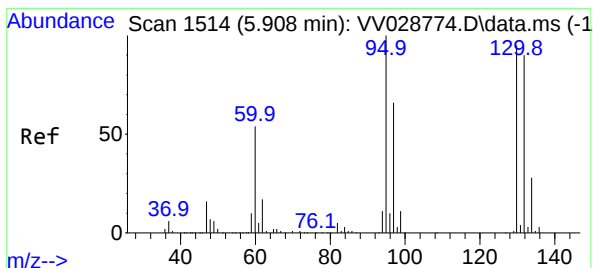
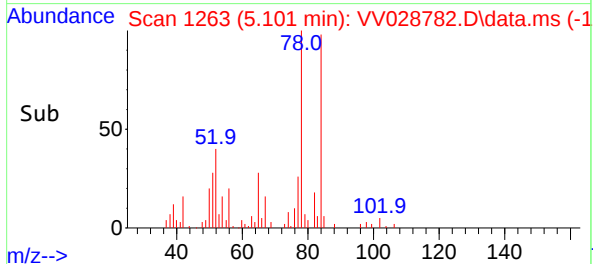
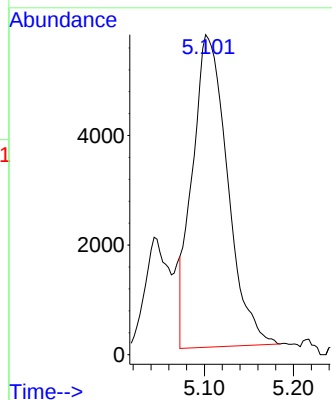
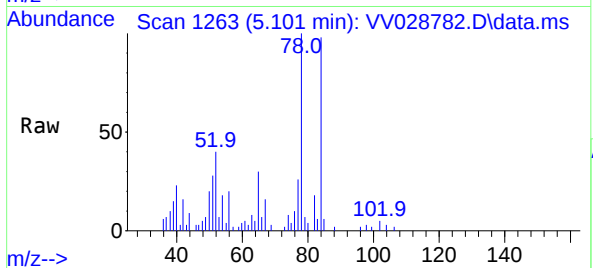




#33
Benzene
Concen: 1.421 ug/L
RT: 5.101 min Scan# 11
Delta R.T. 0.007 min
Lab File: VV028782.D
Acq: 31 Oct 2022 15:55

Instrument :
MSVOA_V
ClientSampleId :

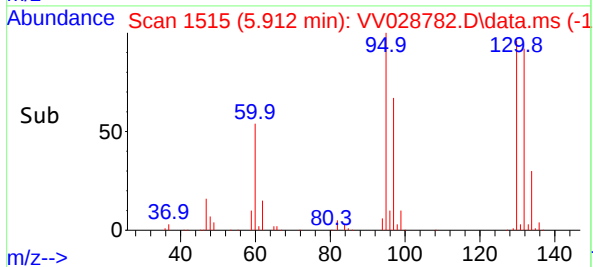
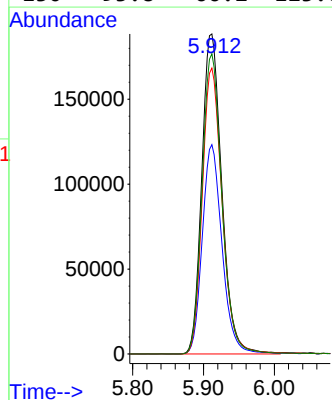
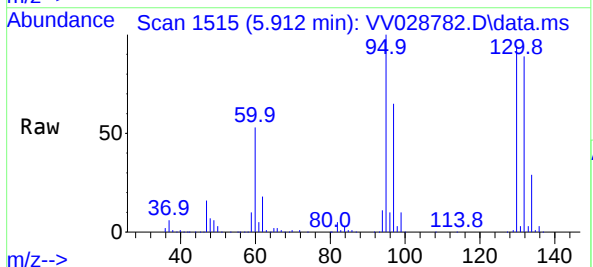
Tgt Ion: 78 Resp: 15547

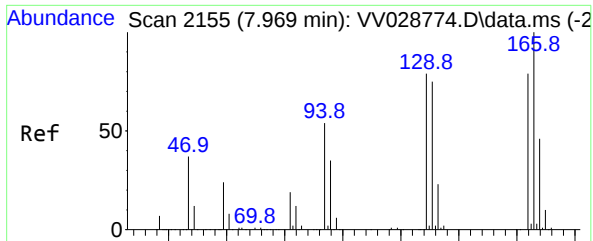


#34
Trichloroethene
Concen: 144.733 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV028782.D
Acq: 31 Oct 2022 15:55

Tgt Ion: 95 Resp: 370283

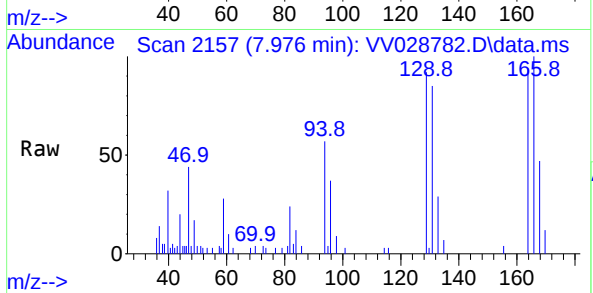
Ion	Ratio	Lower	Upper
95	100		
97	65.4	46.2	85.8
132	89.4	63.2	117.4
130	93.8	66.2	123.0





#46
 Tetrachloroethene
 Concen: 3.084 ug/L
 RT: 7.976 min Scan# 21
 Delta R.T. 0.007 min
 Lab File: VV028782.D
 Acq: 31 Oct 2022 15:55

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:164 Resp: 5469

Ion	Ratio	Lower	Upper
164	100		
129	101.7	69.5	129.1
131	90.5	66.4	123.2
166	106.4	88.5	164.3

