

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103122\
 Data File : VV028785.D
 Acq On : 31 Oct 2022 17:06
 Operator : SY/MD
 Sample : N5301-14
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBXB4

Quant Time: Nov 01 04:57:22 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)

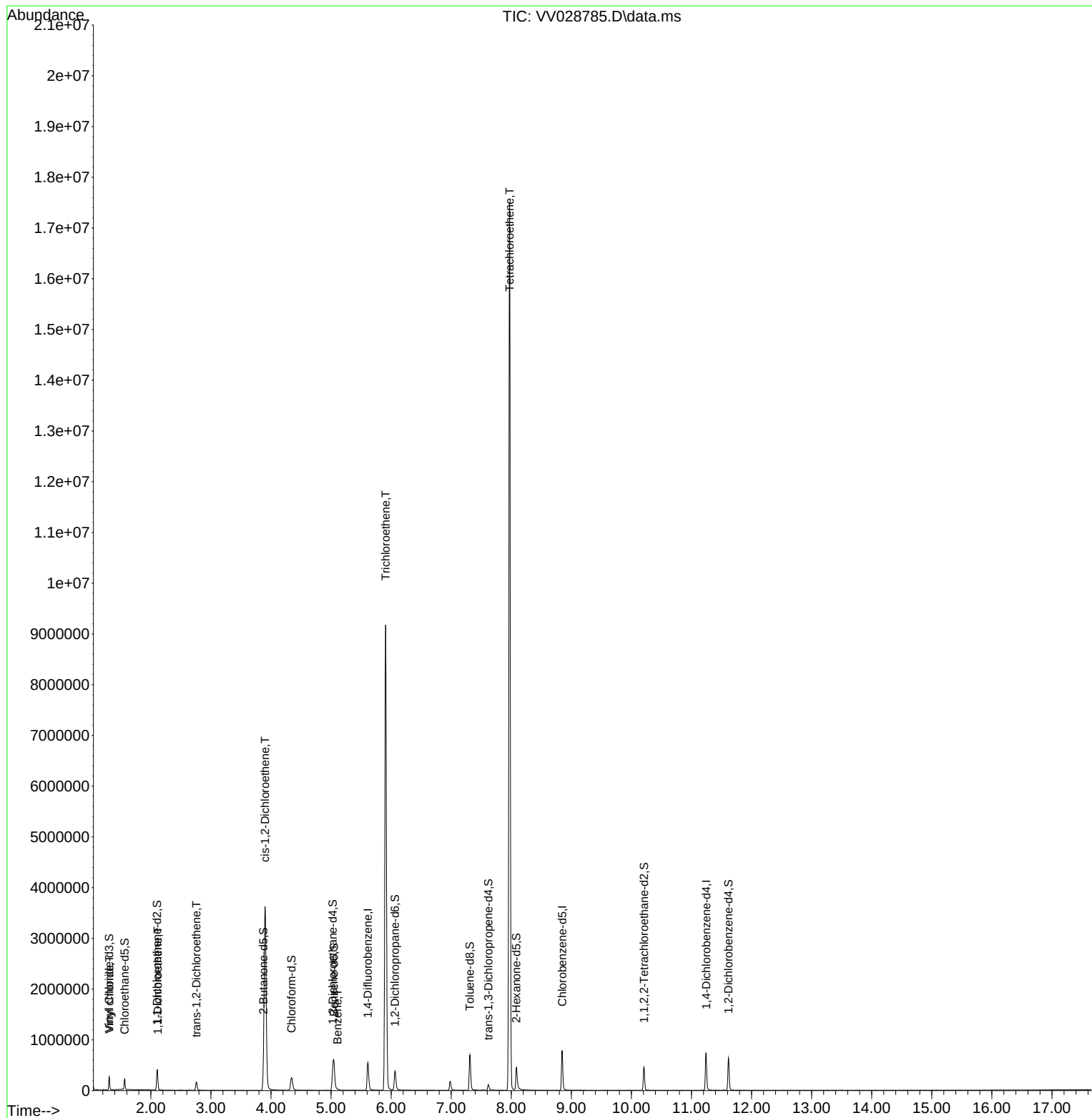
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	435436	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	387788	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	172464	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	133966	32.454	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	64.900%	
7) Chloroethane-d5	1.564	69	129569	36.719	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	73.440%	
11) 1,1-Dichloroethene-d2	2.105	63	219782	27.990	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	55.980%#	
21) 2-Butanone-d5	3.873	46	247400	82.335	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	82.330%	
24) Chloroform-d	4.342	84	245428	39.422	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	78.840%	
26) 1,2-Dichloroethane-d4	5.027	65	174177	42.303	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	84.600%	
32) Benzene-d6	5.047	84	510483	42.168	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	84.340%	
36) 1,2-Dichloropropane-d6	6.066	67	182840	43.993	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	87.980%	
41) Toluene-d8	7.310	98	445400	41.851	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	83.700%	
43) trans-1,3-Dichloroprop...	7.619	79	64028	40.112	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	80.220%	
47) 2-Hexanone-d5	8.085	63	154909	82.478	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	82.480%	
56) 1,1,2,2-Tetrachloroeth...	10.207	84	226067	41.250	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	82.500%	
66) 1,2-Dichlorobenzene-d4	11.615	152	147960	43.463	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	86.920%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.310	62	46554	9.510	ug/L	94
12) 1,1-Dichloroethene	2.117	96	13960	4.298	ug/L #	1
17) trans-1,2-Dichloroethene	2.757	96	57778	18.392	ug/L	98
20) cis-1,2-Dichloroethene	3.902	96	1821481	525.511	ug/L #	99
33) Benzene	5.104	78	21035	1.541	ug/L	100
34) Trichloroethene	5.908	95	3059562	958.319	ug/L	98
46) Tetrachloroethene	7.972	164	3270442	1478.013	ug/L	98

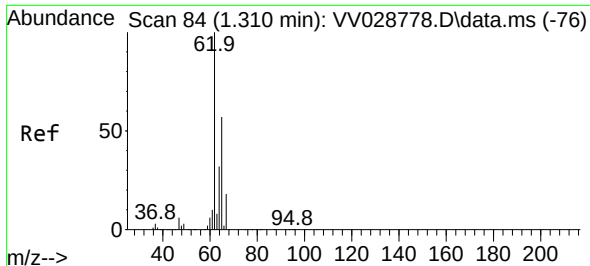
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103122\
Data File : VV028785.D
Acq On : 31 Oct 2022 17:06
Operator : SY/MD
Sample : N5301-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBXB4

Quant Time: Nov 01 04:57:22 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

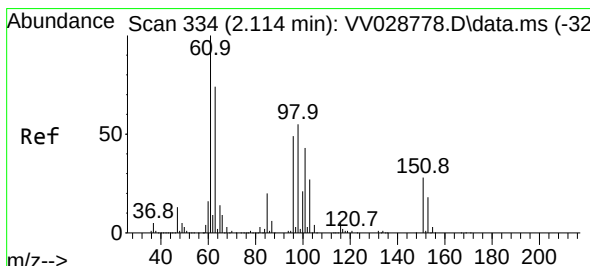
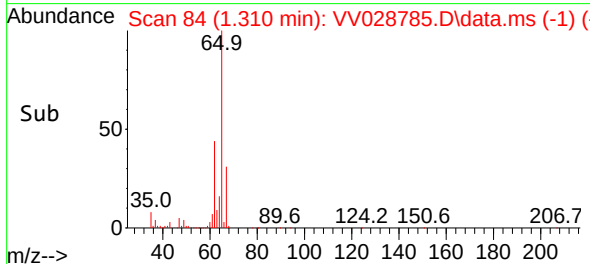
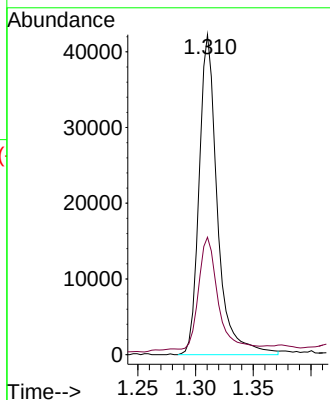
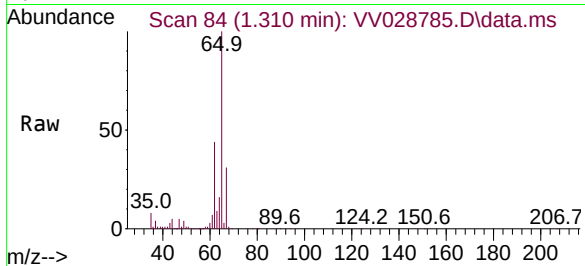




#5
 Vinyl chloride
 Concen: 9.510 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV028785.D
 Acq: 31 Oct 2022 17:06

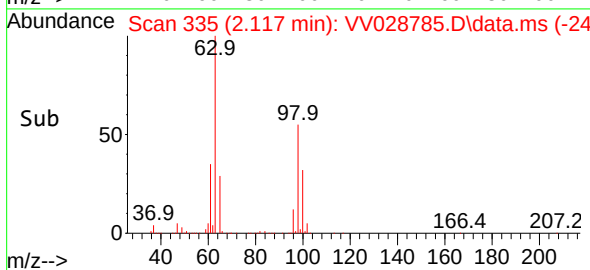
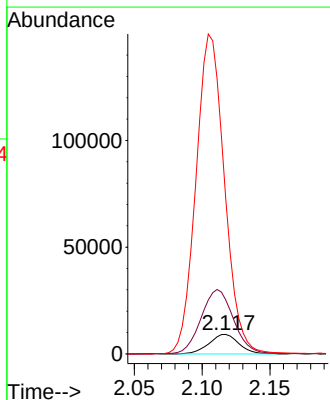
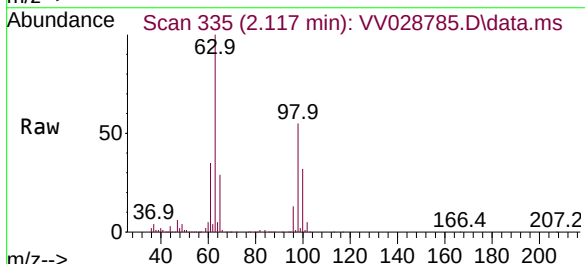
Instrument :
 MSVOA_V
 ClientSampleId :
 DBXB4

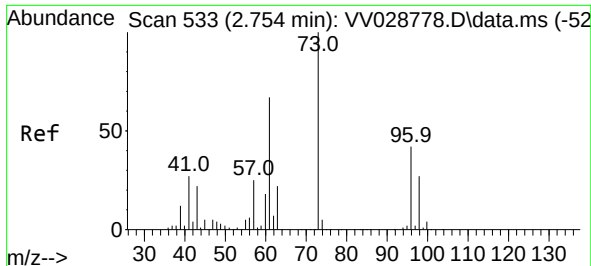
Tgt Ion: 62 Resp: 46554
 Ion Ratio Lower Upper
 62 100
 64 36.7 23.2 43.0



#12
 1,1-Dichloroethene
 Concen: 4.298 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. 0.003 min
 Lab File: VV028785.D
 Acq: 31 Oct 2022 17:06

Tgt Ion: 96 Resp: 13960
 Ion Ratio Lower Upper
 96 100
 61 277.5 142.7 265.1#
 63 799.3 112.5 208.9#





#17

trans-1,2-Dichloroethene

Concen: 18.392 ug/L

RT: 2.757 min Scan# 531

Delta R.T. 0.003 min

Lab File: VV028785.D

Acq: 31 Oct 2022 17:06

Instrument :

MSVOA_V

ClientSampleId :

DBXB4

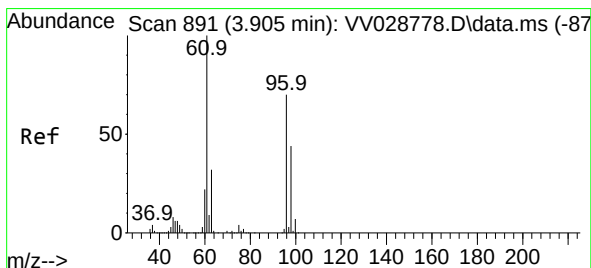
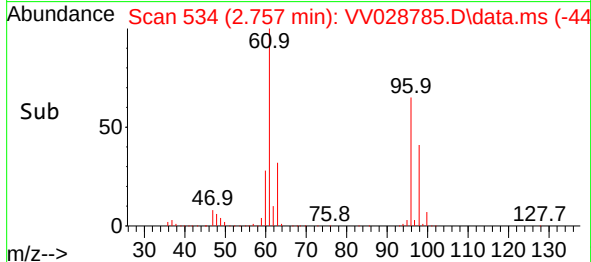
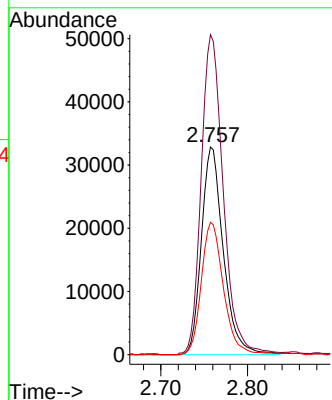
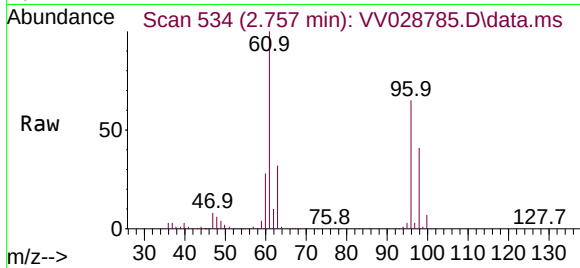
Tgt Ion: 96 Resp: 57778

Ion Ratio Lower Upper

96 100

61 154.1 109.4 203.2

98 63.7 43.3 80.5



#20

cis-1,2-Dichloroethene

Concen: 525.511 ug/L

RT: 3.902 min Scan# 890

Delta R.T. -0.003 min

Lab File: VV028785.D

Acq: 31 Oct 2022 17:06

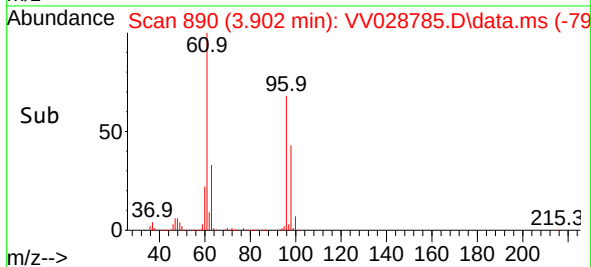
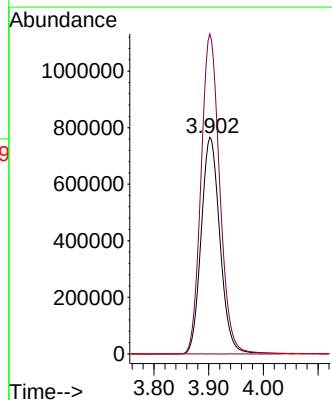
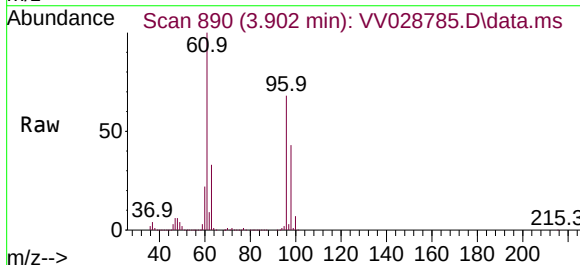
Tgt Ion: 96 Resp: 1821481

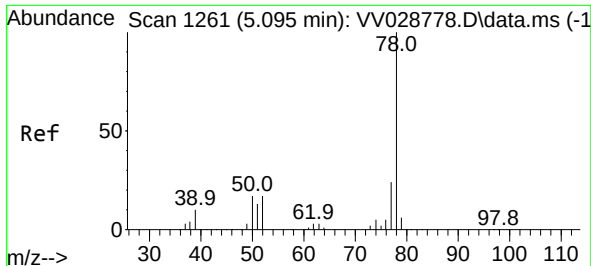
Ion Ratio Lower Upper

96 100

61 147.8 102.3 190.1

68 0.0 0.1 0.3

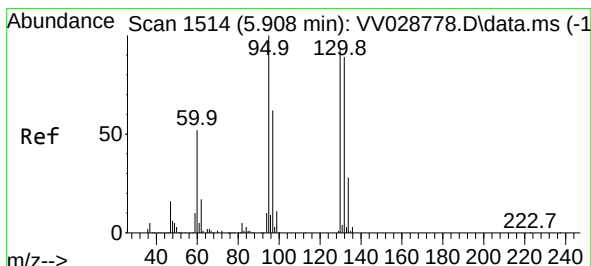
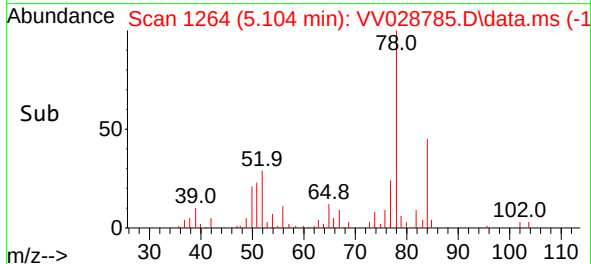
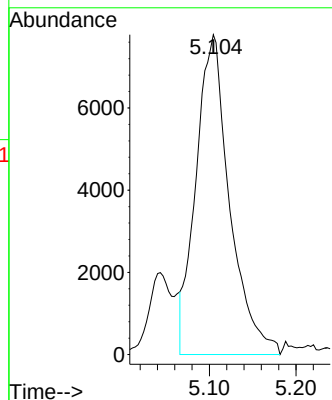
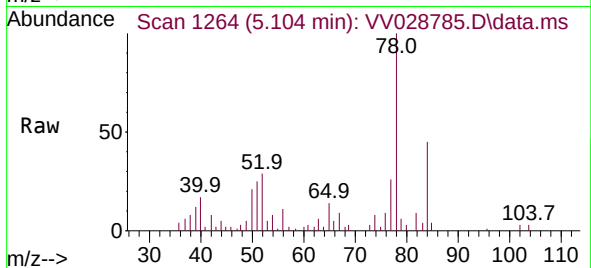




#33
Benzene
Concen: 1.541 ug/L
RT: 5.104 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV028785.D
Acq: 31 Oct 2022 17:06

Instrument :
MSVOA_V
ClientSampleId :
DBXB4

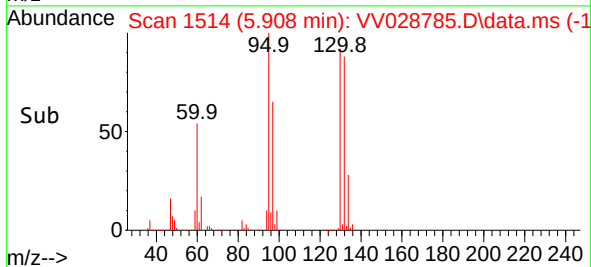
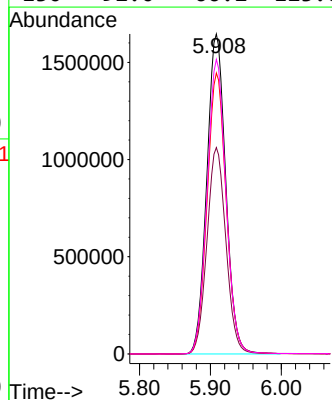
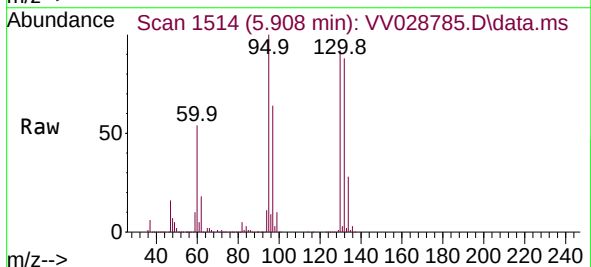
Tgt Ion: 78 Resp: 21035

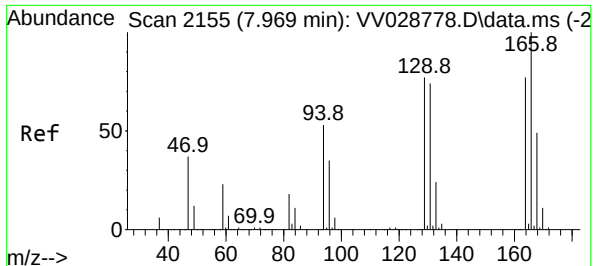


#34
Trichloroethene
Concen: 958.319 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VV028785.D
Acq: 31 Oct 2022 17:06

Tgt Ion: 95 Resp: 3059562

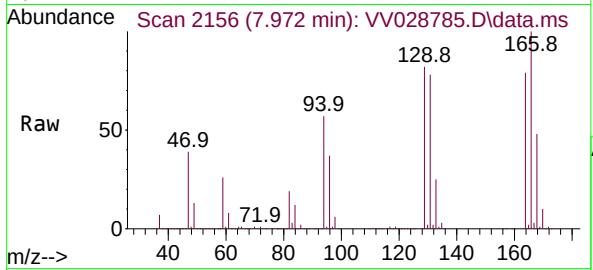
Ion	Ratio	Lower	Upper
95	100		
97	64.5	46.2	85.8
132	87.8	63.2	117.4
130	92.0	66.2	123.0





#46
 Tetrachloroethene
 Concen: 1478.013 ug/L
 RT: 7.972 min Scan# 2156
 Delta R.T. 0.003 min
 Lab File: VV028785.D
 Acq: 31 Oct 2022 17:06

Instrument :
 MSVOA_V
 ClientSampleId :
 DBXB4



Tgt Ion:164 Resp: 3270442

Ion	Ratio	Lower	Upper
164	100		
129	103.3	69.5	129.1
131	98.6	66.4	123.2
166	126.6	88.5	164.3

