

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103122\
 Data File : VV028781.D
 Acq On : 31 Oct 2022 15:33
 Operator : SY/MD
 Sample : N5301-05
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 01 04:56:50 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)

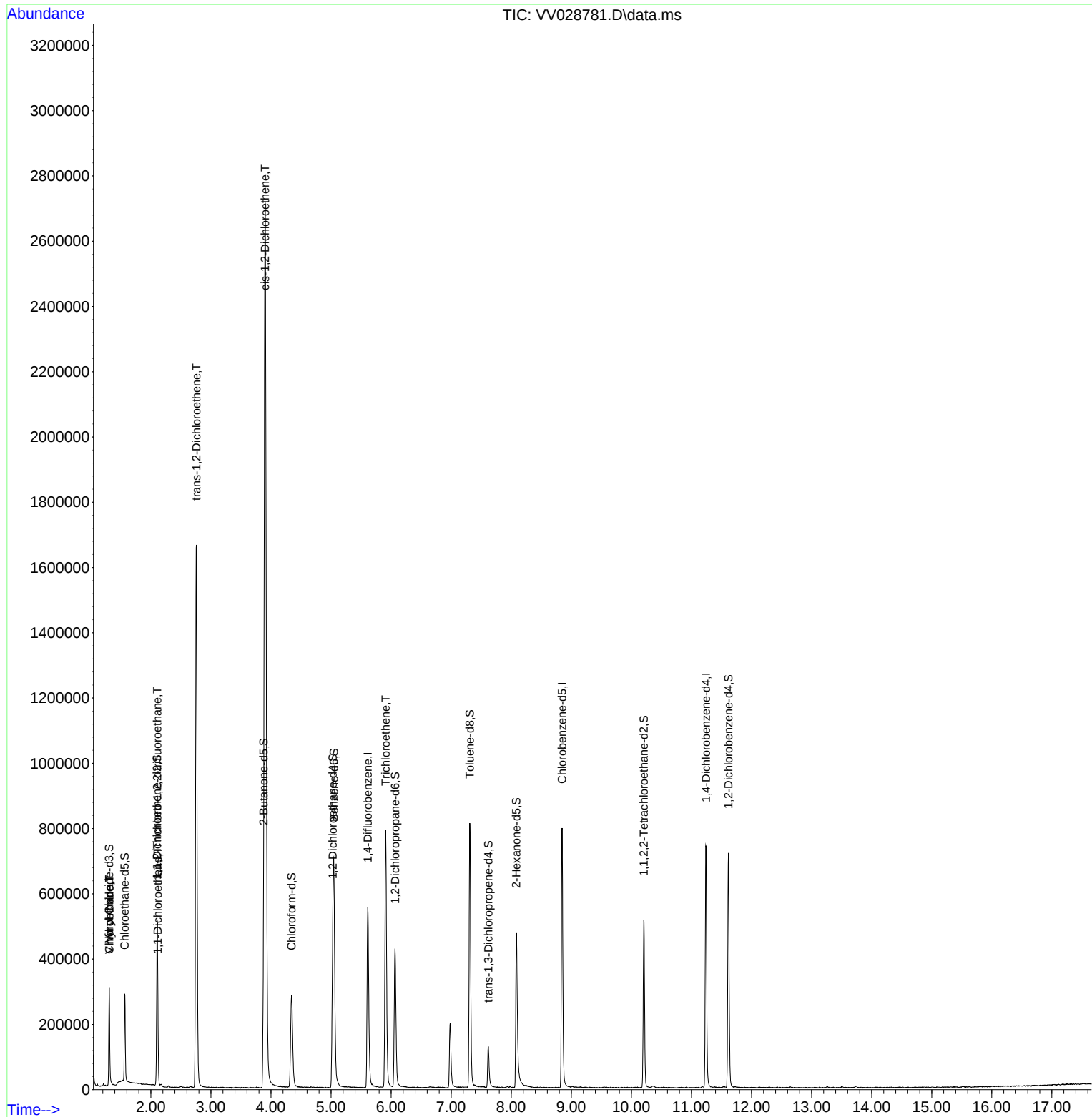
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	447379	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	401280	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	175123	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	185140	43.654	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.300%
7) Chloroethane-d5	1.564	69	168737	46.542	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.080%
11) 1,1-Dichloroethene-d2	2.104	63	273880	33.949	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.900%
21) 2-Butanone-d5	3.876	46	279522	90.542	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.540%
24) Chloroform-d	4.342	84	282376	44.146	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.300%
26) 1,2-Dichloroethane-d4	5.027	65	195927	46.315	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.620%
32) Benzene-d6	5.047	84	600498	47.936	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.880%
36) 1,2-Dichloropropane-d6	6.066	67	206361	47.983	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.960%
41) Toluene-d8	7.310	98	504805	45.838	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.680%
43) trans-1,3-Dichloroprop...	7.619	79	70467	42.661	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.320%
47) 2-Hexanone-d5	8.085	63	173115	89.072	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.070%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	251397	44.329	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.660%
66) 1,2-Dichlorobenzene-d4	11.615	152	161762	46.796	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.600%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.310	62	26694	5.307	ug/L #	78
8) Chloroethane	1.310	64	11699	3.622	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	2549	0.752	ug/L #	31
12) 1,1-Dichloroethene	2.117	96	9245	2.771	ug/L #	1
17) trans-1,2-Dichloroethene	2.757	96	562303	174.218	ug/L	98
20) cis-1,2-Dichloroethene	3.902	96	1354947	380.477	ug/L #	99
34) Trichloroethene	5.908	95	274337	83.039	ug/L	97

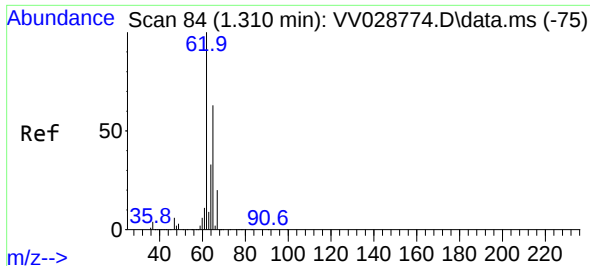
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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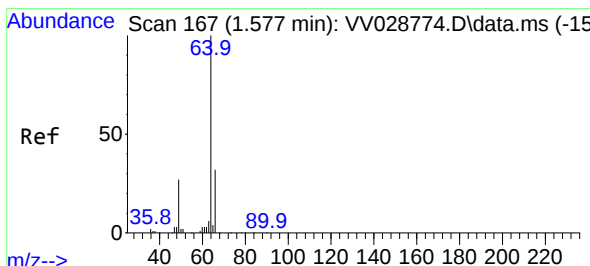
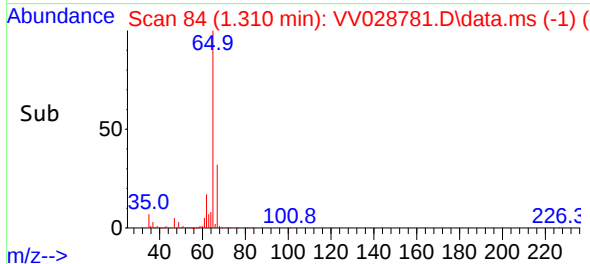
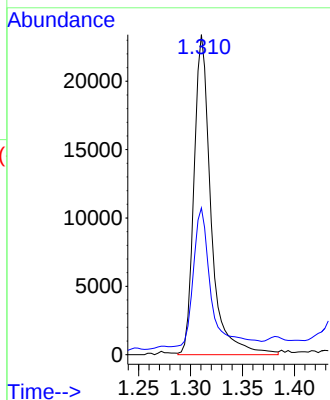
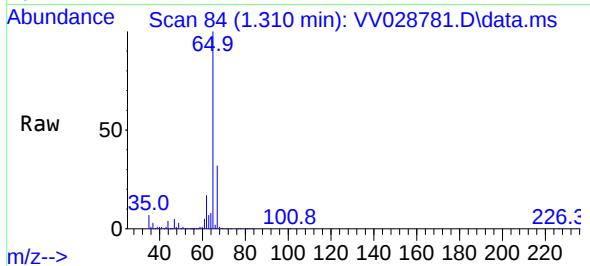




#5
 Vinyl chloride
 Concen: 5.307 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV028781.D
 Acq: 31 Oct 2022 15:33

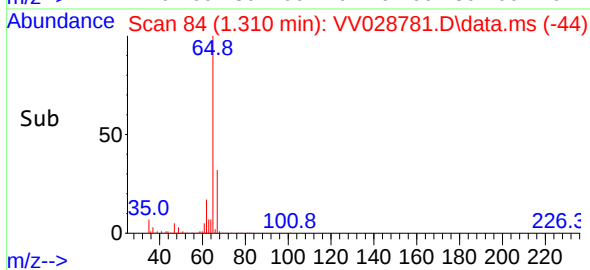
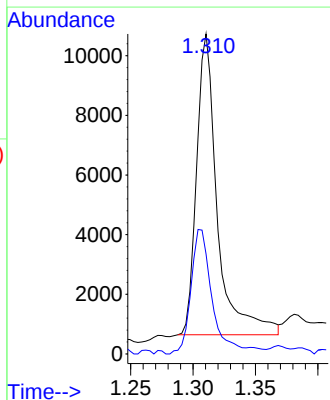
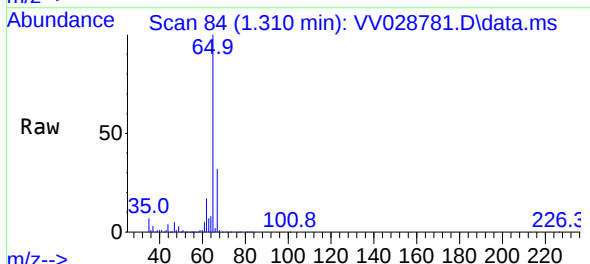
Instrument :
 MSVOA_V
 ClientSampleId :

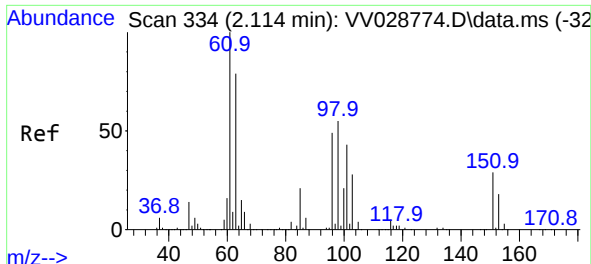
Tgt Ion: 62 Resp: 26694
 Ion Ratio Lower Upper
 62 100
 64 45.8 23.2 43.0#



#8
 Chloroethane
 Concen: 3.622 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.270 min
 Lab File: VV028781.D
 Acq: 31 Oct 2022 15:33

Tgt Ion: 64 Resp: 11699
 Ion Ratio Lower Upper
 64 100
 66 31.3 21.7 40.3

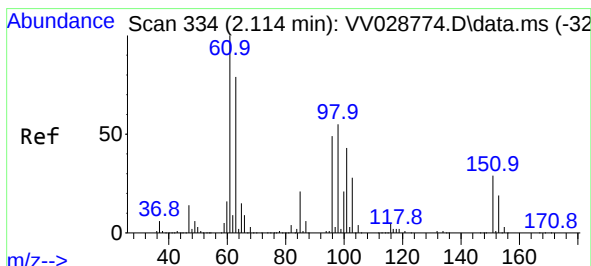
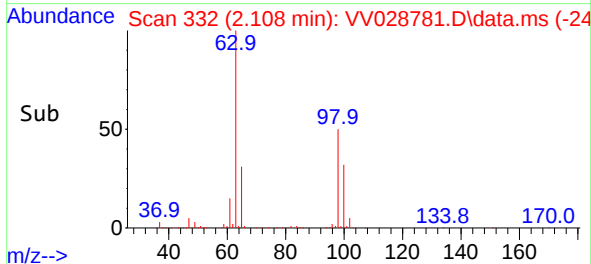
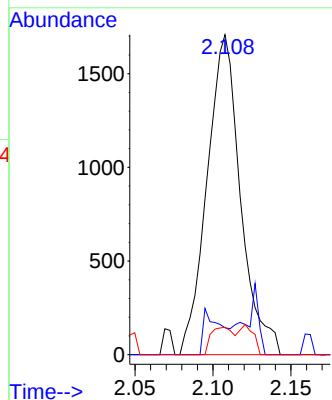
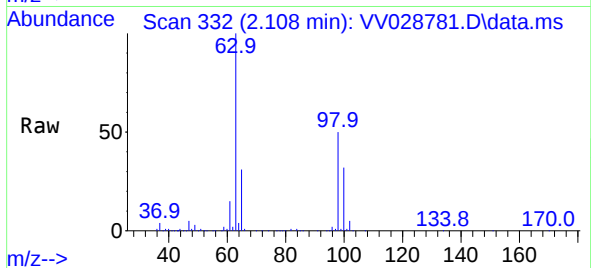




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.752 ug/L
RT: 2.108 min Scan# 31
Delta R.T. -0.007 min
Lab File: VV028781.D
Acq: 31 Oct 2022 15:33

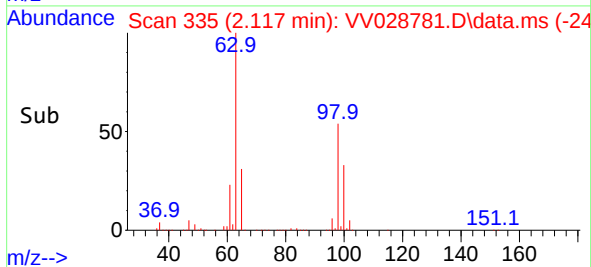
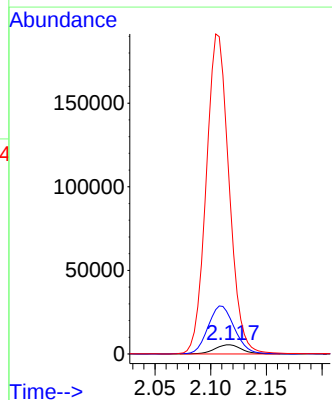
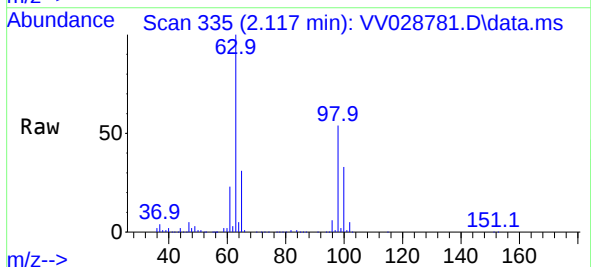
Instrument :
MSVOA_V
ClientSampleId :

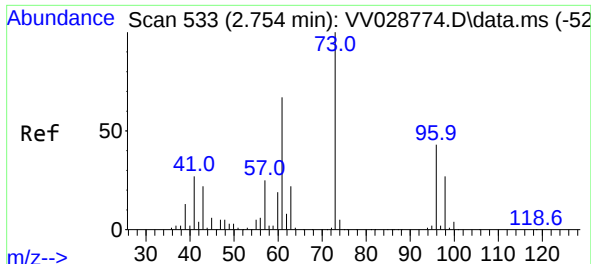
Tgt Ion:101 Resp: 2549
Ion Ratio Lower Upper
101 100
85 7.9 38.0 57.0#
151 5.8 52.7 79.1#



#12
1,1-Dichloroethene
Concen: 2.771 ug/L
RT: 2.117 min Scan# 335
Delta R.T. 0.003 min
Lab File: VV028781.D
Acq: 31 Oct 2022 15:33

Tgt Ion: 96 Resp: 9245
Ion Ratio Lower Upper
96 100
61 390.0 142.7 265.1#
63 1694.7 112.5 208.9#

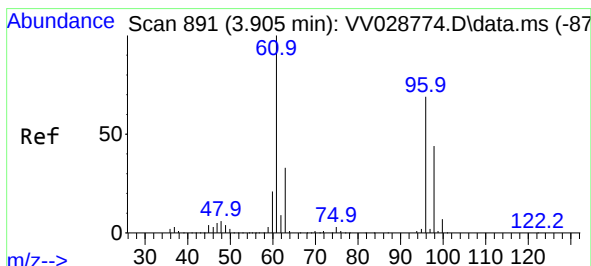
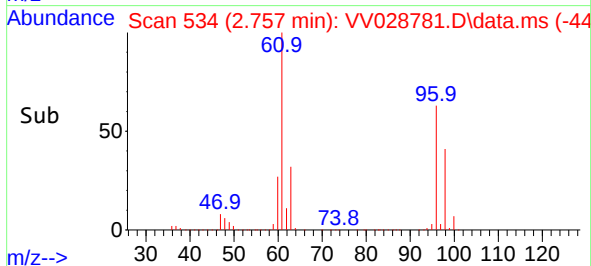
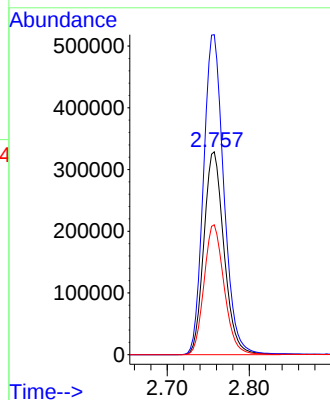
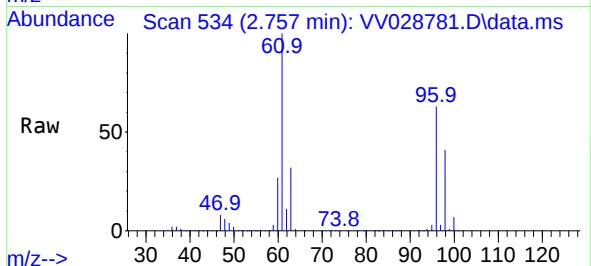




#17
trans-1,2-Dichloroethene
Concen: 174.218 ug/L
RT: 2.757 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV028781.D
Acq: 31 Oct 2022 15:33

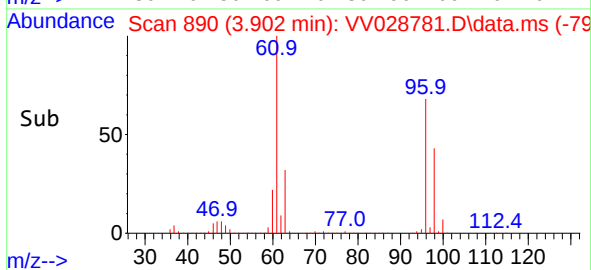
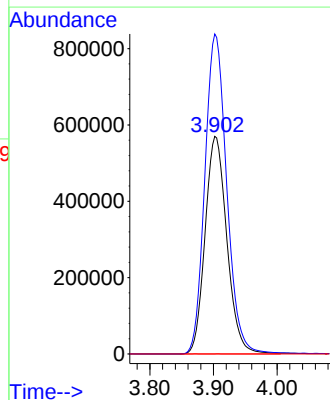
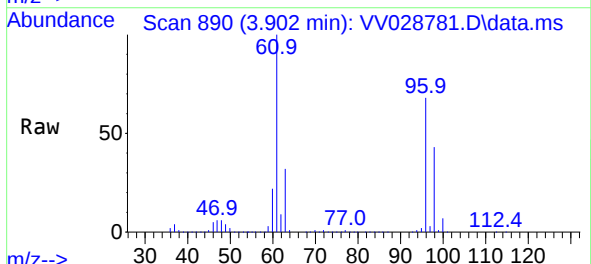
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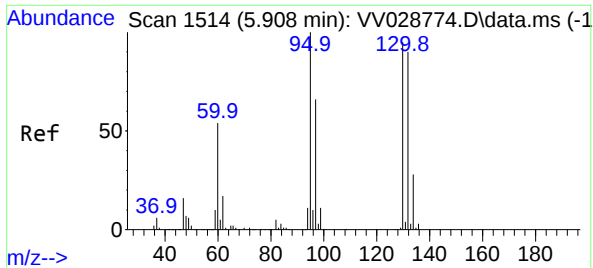
Tgt Ion: 96 Resp: 562303
Ion Ratio Lower Upper
96 100
61 157.7 109.4 203.2
98 64.1 43.3 80.5



#20
cis-1,2-Dichloroethene
Concen: 380.477 ug/L
RT: 3.902 min Scan# 890
Delta R.T. -0.003 min
Lab File: VV028781.D
Acq: 31 Oct 2022 15:33

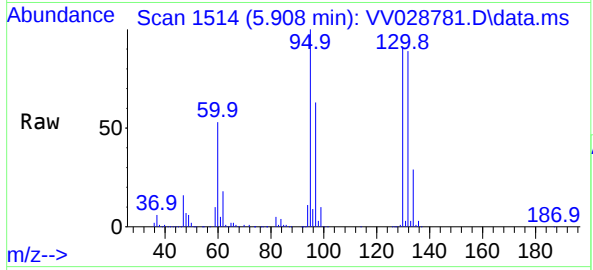
Tgt Ion: 96 Resp: 1354947
Ion Ratio Lower Upper
96 100
61 147.1 102.3 190.1
68 0.0 0.1 0.3#





#34
Trichloroethene
Concen: 83.039 ug/L
RT: 5.908 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV028781.D
Acq: 31 Oct 2022 15:33

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 95 Resp: 274337

Ion	Ratio	Lower	Upper
95	100		
97	63.3	46.2	85.8
132	88.5	63.2	117.4
130	90.8	66.2	123.0

