

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103122\
 Data File : VV028798.D
 Acq On : 31 Oct 2022 22:20
 Operator : SY/MD
 Sample : N5321-13
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 01 04:59:04 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)

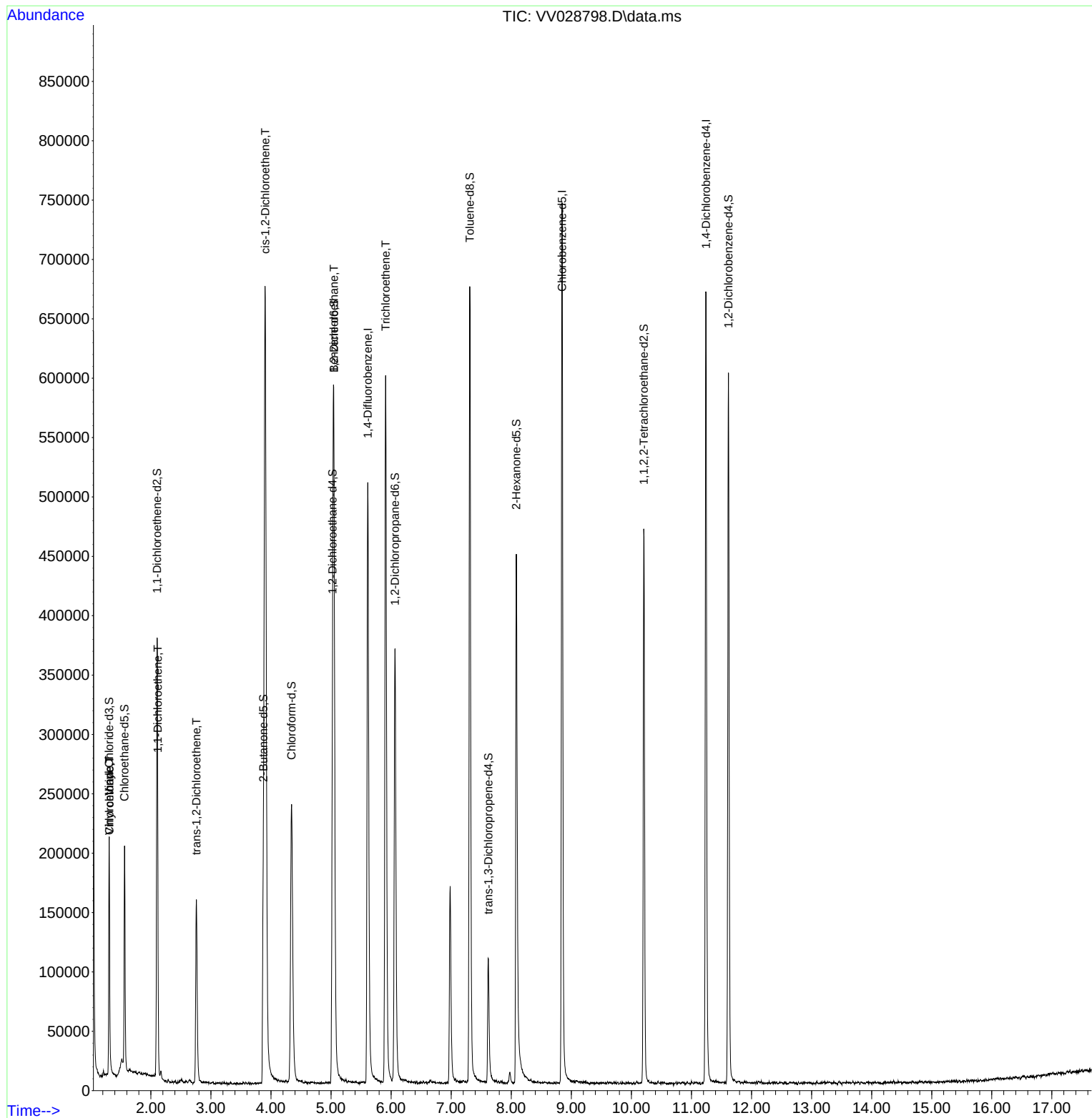
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	404593	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	367946	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	156469	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	126471	32.974	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.940%
7) Chloroethane-d5	1.561	69	122044	37.223	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	74.440%
11) 1,1-Dichloroethene-d2	2.105	63	205976	28.232	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.460%#
21) 2-Butanone-d5	3.873	46	260216	93.202	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.200%
24) Chloroform-d	4.343	84	233468	40.360	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.720%
26) 1,2-Dichloroethane-d4	5.024	65	169525	44.311	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.620%
32) Benzene-d6	5.047	84	497190	43.285	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.580%
36) 1,2-Dichloropropane-d6	6.063	67	177802	45.088	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.180%
41) Toluene-d8	7.310	98	418791	41.473	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.940%
43) trans-1,3-Dichloroprop...	7.619	79	57329	37.852	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.700%
47) 2-Hexanone-d5	8.085	63	151449	84.984	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.980%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	228009	43.848	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.700%
66) 1,2-Dichlorobenzene-d4	11.616	152	139700	45.231	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.460%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.310	62	21052	4.628	ug/L	89
8) Chloroethane	1.310	64	7918	2.711	ug/L	95
12) 1,1-Dichloroethene	2.114	96	4996	1.656	ug/L #	1
17) trans-1,2-Dichloroethene	2.757	96	52958	18.143	ug/L	95
20) cis-1,2-Dichloroethene	3.905	96	323502	100.448	ug/L #	100
27) 1,2-Dichloroethane	5.047	62	3464	0.718	ug/L	99
34) Trichloroethene	5.908	95	205386	67.800	ug/L	97

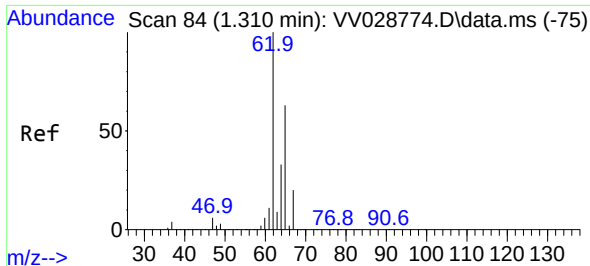
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Nov 01 04:42:28 2022
Response via : Initial Calibration

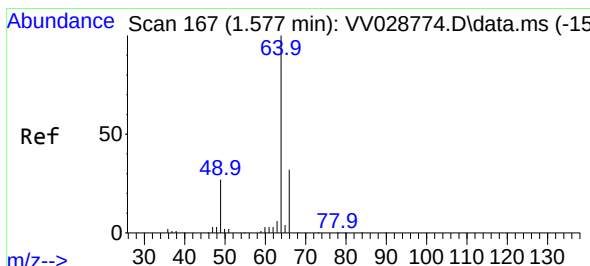
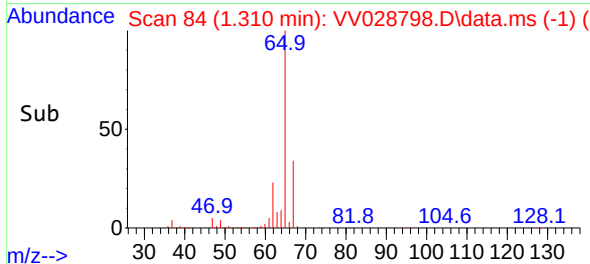
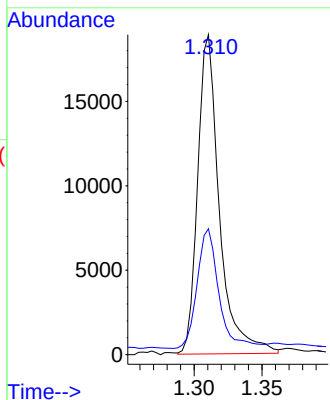
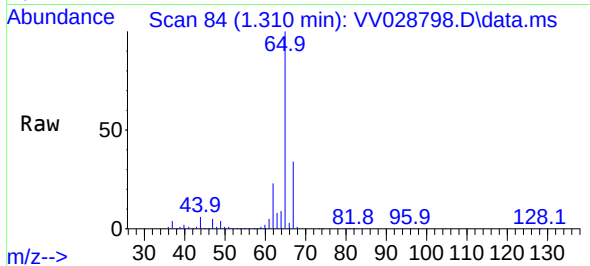




#5
 Vinyl chloride
 Concen: 4.628 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV028798.D
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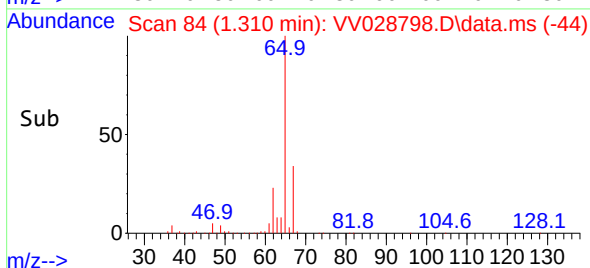
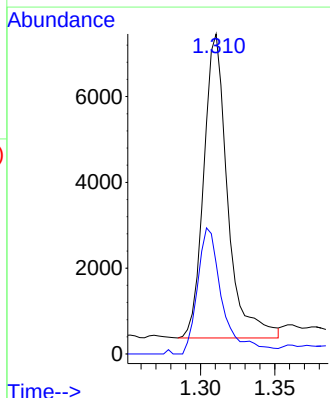
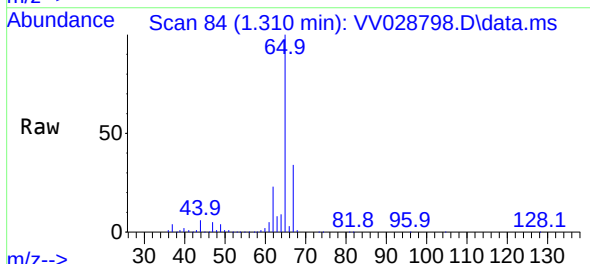
Instrument :
 MSVOA_V
 ClientSampleId :

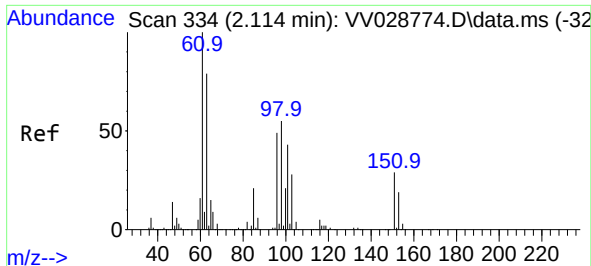
Tgt Ion: 62 Resp: 21052
 Ion Ratio Lower Upper
 62 100
 64 39.4 23.2 43.0



#8
 Chloroethane
 Concen: 2.711 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.270 min
 Lab File: VV028798.D
 Acq: 31 Oct 2022 22:20

Tgt Ion: 64 Resp: 7918
 Ion Ratio Lower Upper
 64 100
 66 28.4 21.7 40.3

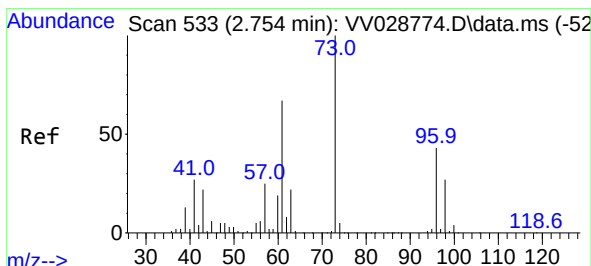
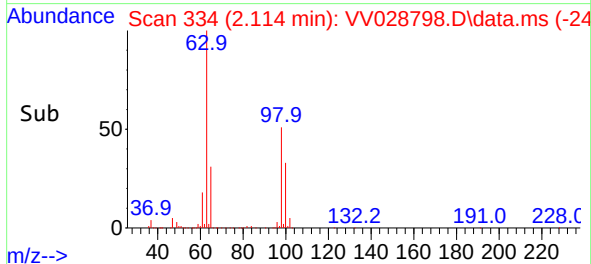
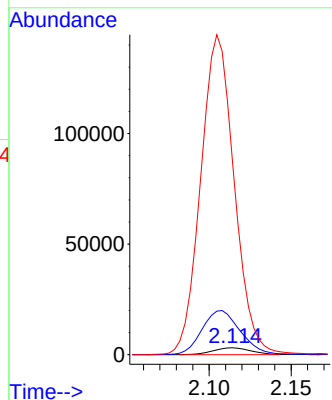
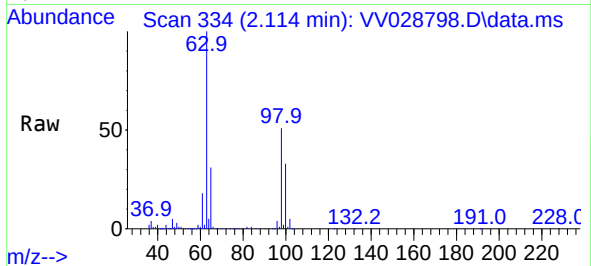




#12
1,1-Dichloroethene
Concen: 1.656 ug/L
RT: 2.114 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV028798.D
Acq: 31 Oct 2022 22:20

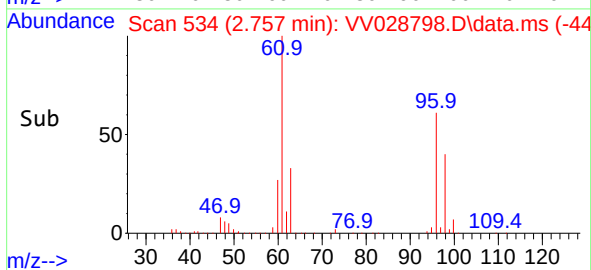
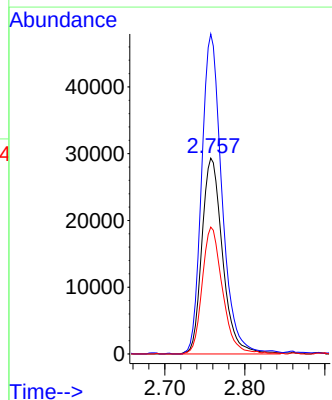
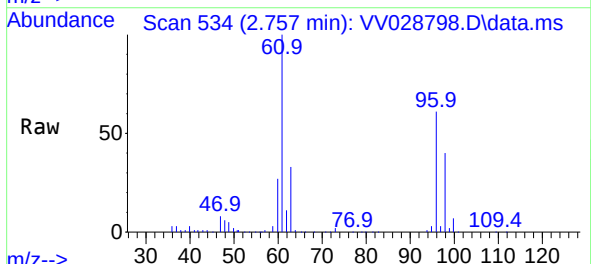
Instrument :
MSVOA_V
ClientSampleId :

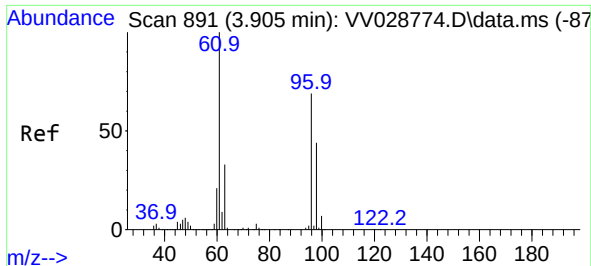
Tgt Ion: 96 Resp: 4996
Ion Ratio Lower Upper
96 100
61 489.9 142.7 265.1#
63 2769.7 112.5 208.9#



#17
trans-1,2-Dichloroethene
Concen: 18.143 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.003 min
Lab File: VV028798.D
Acq: 31 Oct 2022 22:20

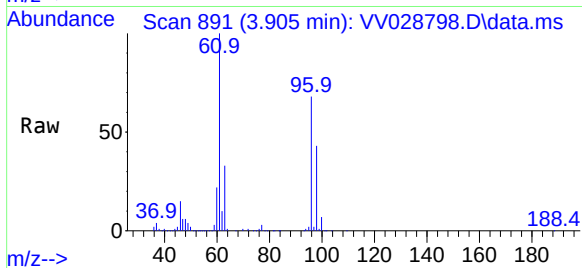
Tgt Ion: 96 Resp: 52958
Ion Ratio Lower Upper
96 100
61 163.4 109.4 203.2
98 64.8 43.3 80.5



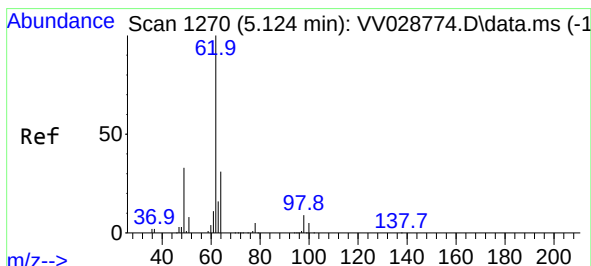
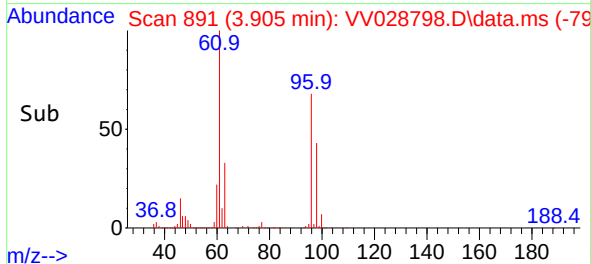
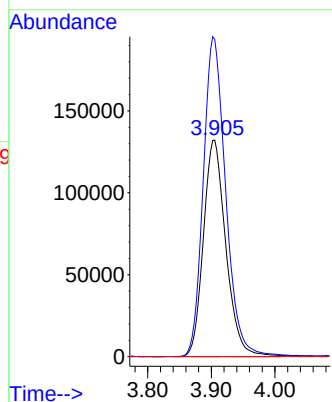


#20
 cis-1,2-Dichloroethene
 Concen: 100.448 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. 0.000 min
 Lab File: VV028798.D
 Acq: 31 Oct 2022 22:20

Instrument :
 MSVOA_V
 ClientSampleId :

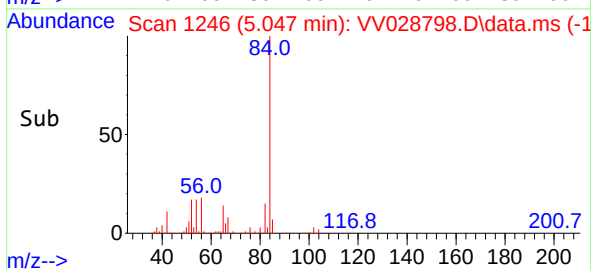
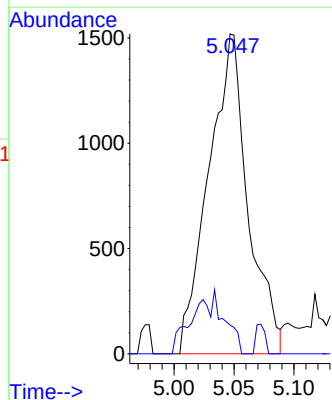
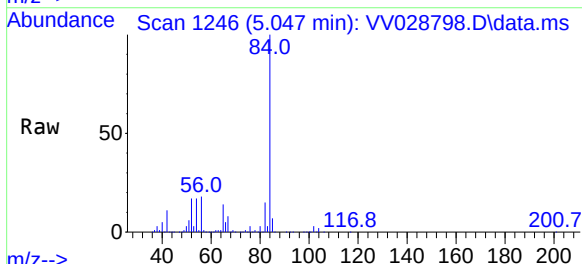


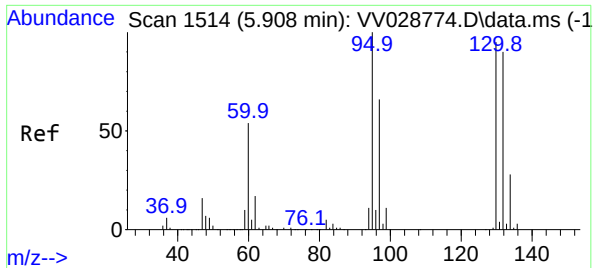
Tgt Ion: 96 Resp: 323502
 Ion Ratio Lower Upper
 96 100
 61 146.5 102.3 190.1
 68 0.0 0.1 0.3#



#27
 1,2-Dichloroethane
 Concen: 0.718 ug/L
 RT: 5.047 min Scan# 1246
 Delta R.T. -0.077 min
 Lab File: VV028798.D
 Acq: 31 Oct 2022 22:20

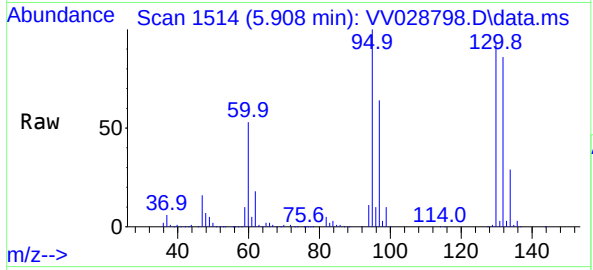
Tgt Ion: 62 Resp: 3464
 Ion Ratio Lower Upper
 62 100
 98 9.0 6.9 10.3





#34
 Trichloroethene
 Concen: 67.800 ug/L
 RT: 5.908 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VV028798.D
 Acq: 31 Oct 2022 22:20

Instrument :
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 ClientSampleId :



Tgt Ion: 95 Resp: 205386

Ion	Ratio	Lower	Upper
95	100		
97	64.1	46.2	85.8
132	86.4	63.2	117.4
130	93.4	66.2	123.0

