

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110122\
 Data File : VW028827.D
 Acq On : 01 Nov 2022 20:04
 Operator : SY/MD
 Sample : N5301-06
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 02 05:15:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 02 05:10:28 2022
 Response via : Initial Calibration

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

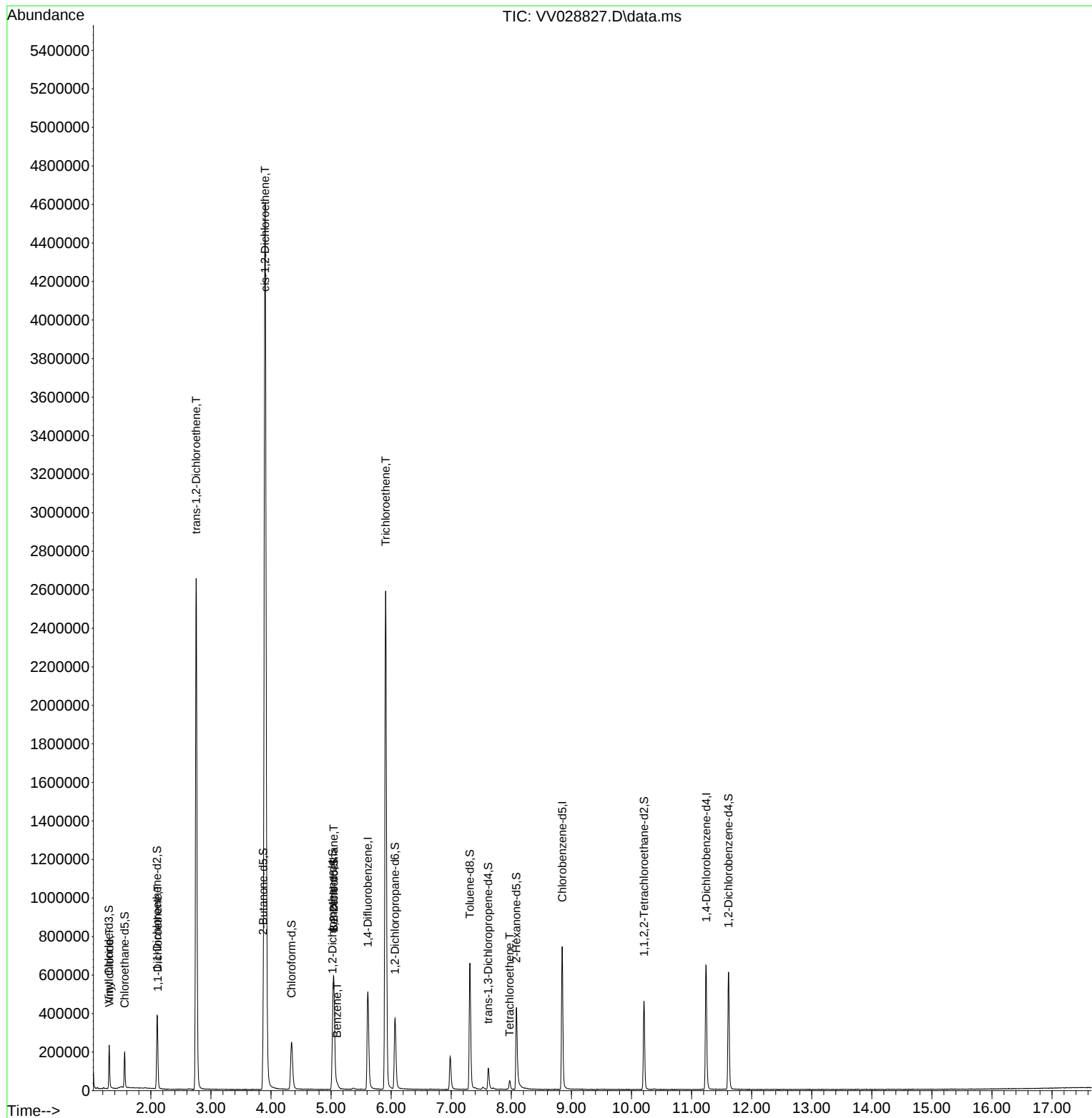
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	405730	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	364658	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	157346	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	117374	30.517	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	61.040%
7) Chloroethane-d5	1.564	69	117805	35.829	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	71.660%
11) 1,1-Dichloroethene-d2	2.105	63	206547	28.231	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.460%#
21) 2-Butanone-d5	3.870	46	253267	90.459	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.460%
24) Chloroform-d	4.342	84	243052	41.899	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.800%
26) 1,2-Dichloroethane-d4	5.024	65	172562	44.979	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.960%
32) Benzene-d6	5.043	84	487161	42.794	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.580%
36) 1,2-Dichloropropane-d6	6.063	67	176392	45.134	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.260%
41) Toluene-d8	7.310	98	412086	41.177	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.360%
43) trans-1,3-Dichloroprop...	7.616	79	61648	41.070	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.140%
47) 2-Hexanone-d5	8.085	63	147448	83.485	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.490%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	227965	44.234	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.460%
66) 1,2-Dichlorobenzene-d4	11.615	152	138644	44.639	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.280%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.310	62	39123	8.577	ug/L	94
12) 1,1-Dichloroethene	2.114	96	17297	5.716	ug/L #	1
17) trans-1,2-Dichloroethene	2.754	96	881156	301.033	ug/L	96
20) cis-1,2-Dichloroethene	3.902	96	2298437	711.667	ug/L #	99
27) 1,2-Dichloroethane	5.043	62	3579	0.740	ug/L	99
33) Benzene	5.098	78	26199	2.041	ug/L	100
34) Trichloroethene	5.908	95	887715	295.687	ug/L	98
46) Tetrachloroethene	7.973	164	9913	4.764	ug/L	98

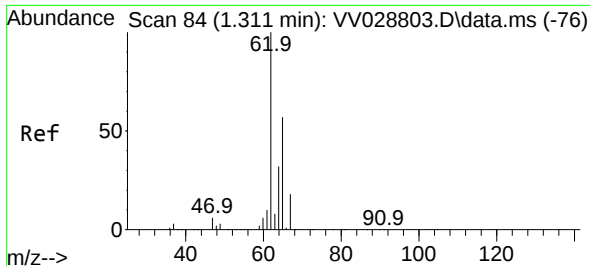
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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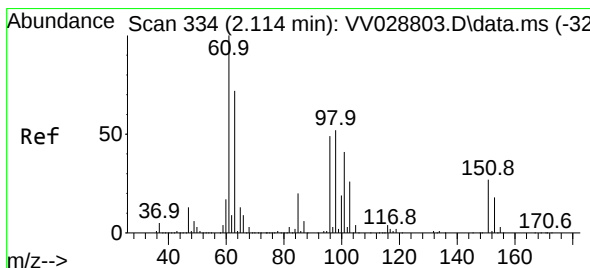
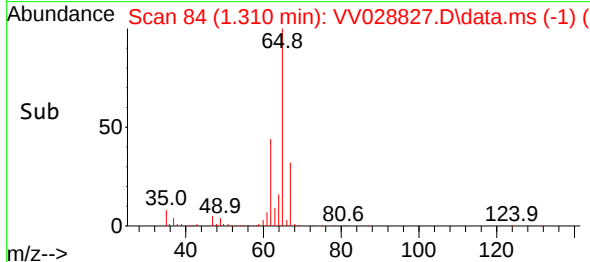
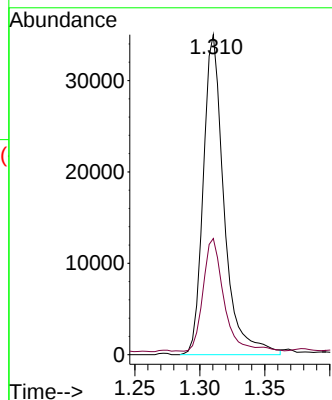
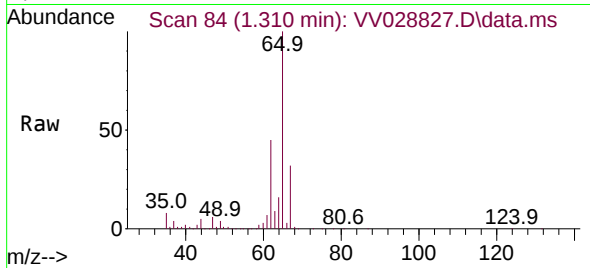




#5
 Vinyl chloride
 Concen: 8.577 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV028827.D
 Acq: 01 Nov 2022 20:04

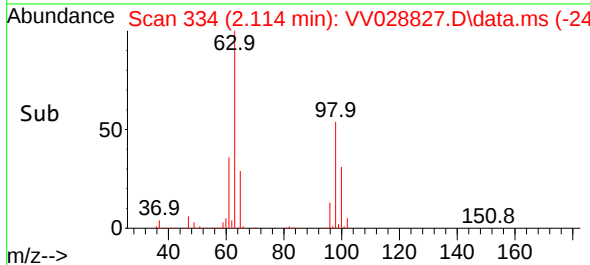
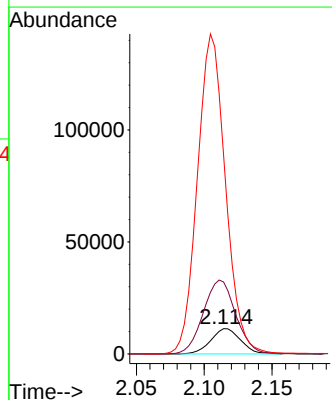
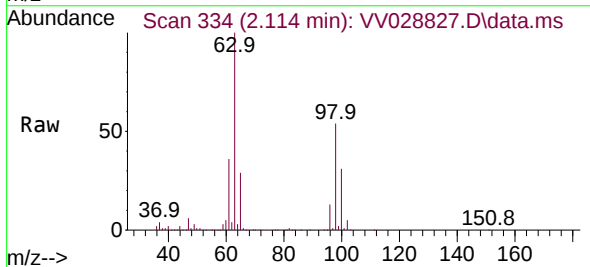
Instrument :
 MSVOA_V
 ClientSampleId :

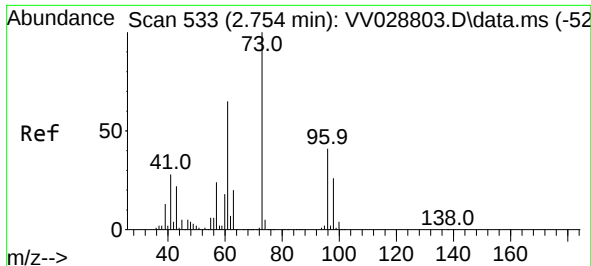
Tgt Ion: 62 Resp: 39123
 Ion Ratio Lower Upper
 62 100
 64 36.3 23.2 43.0



#12
 1,1-Dichloroethene
 Concen: 5.716 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.000 min
 Lab File: VV028827.D
 Acq: 01 Nov 2022 20:04

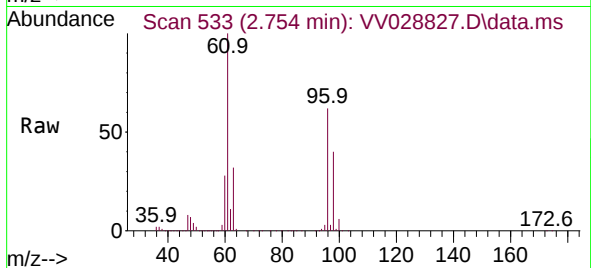
Tgt Ion: 96 Resp: 17297
 Ion Ratio Lower Upper
 96 100
 61 285.3 142.7 265.1#
 63 788.9 112.5 208.9#



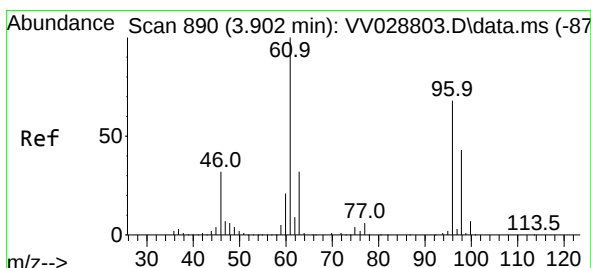
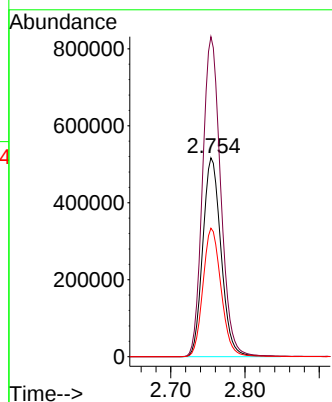
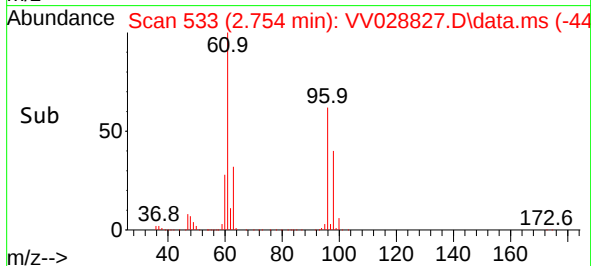


#17
trans-1,2-Dichloroethene
Concen: 301.033 ug/L
RT: 2.754 min Scan# 511
Delta R.T. -0.000 min
Lab File: VV028827.D
Acq: 01 Nov 2022 20:04

Instrument :
MSVOA_V
ClientSampleId :

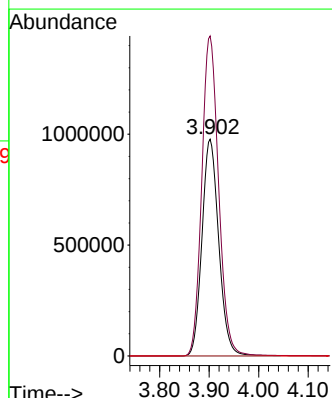
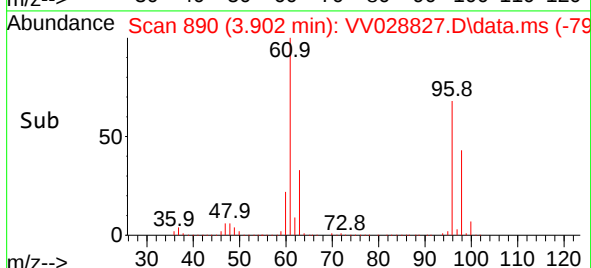
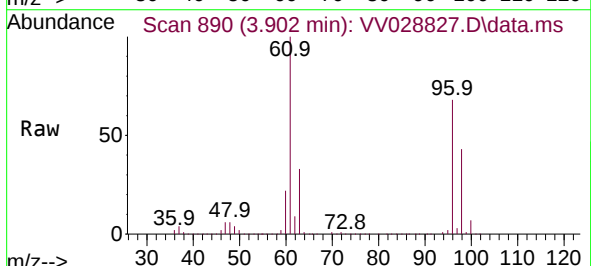


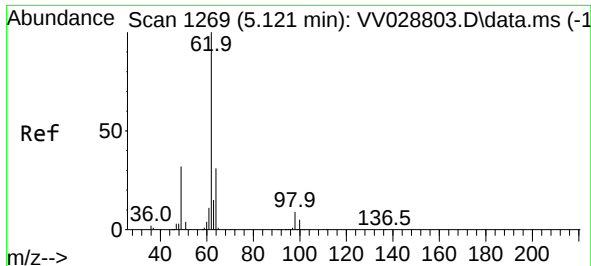
Tgt Ion: 96 Resp: 881156
Ion Ratio Lower Upper
96 100
61 160.9 109.4 203.2
98 64.6 43.3 80.5



#20
cis-1,2-Dichloroethene
Concen: 711.667 ug/L
RT: 3.902 min Scan# 890
Delta R.T. -0.000 min
Lab File: VV028827.D
Acq: 01 Nov 2022 20:04

Tgt Ion: 96 Resp: 2298437
Ion Ratio Lower Upper
96 100
61 147.6 102.3 190.1
68 0.0 0.1 0.3#

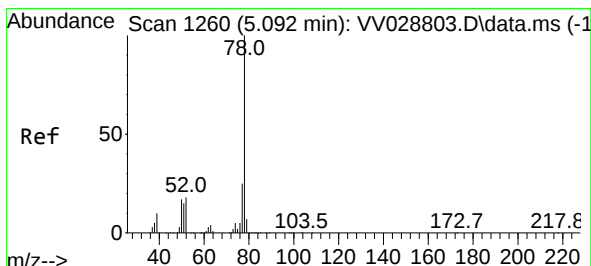
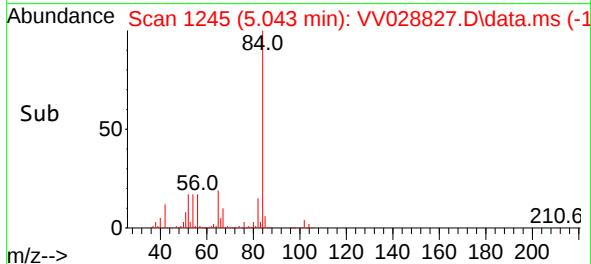
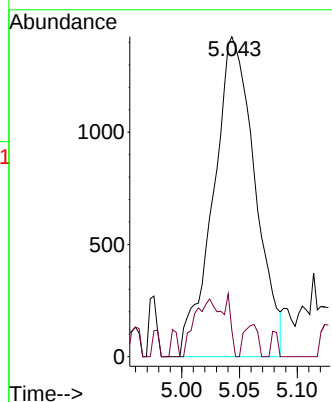
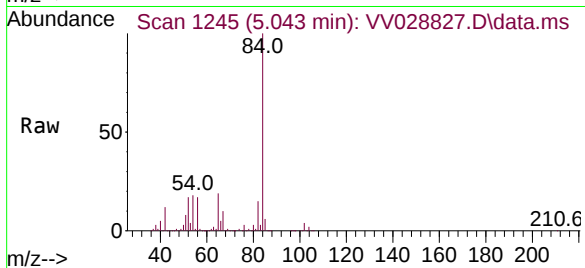




#27
1,2-Dichloroethane
Concen: 0.740 ug/L
RT: 5.043 min Scan# 11
Delta R.T. -0.077 min
Lab File: VV028827.D
Acq: 01 Nov 2022 20:04

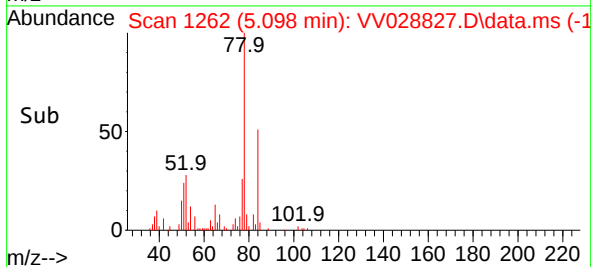
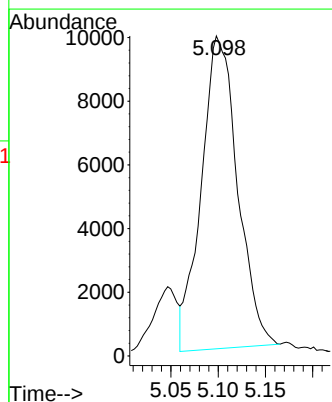
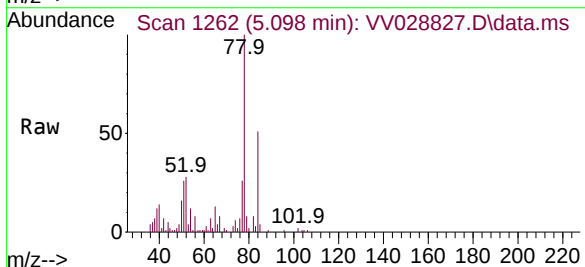
Instrument :
MSVOA_V
ClientSampleId :

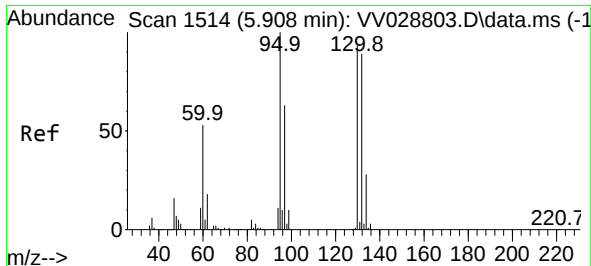
Tgt Ion: 62 Resp: 3579
Ion Ratio Lower Upper
62 100
98 8.1 6.9 10.3



#33
Benzene
Concen: 2.041 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VV028827.D
Acq: 01 Nov 2022 20:04

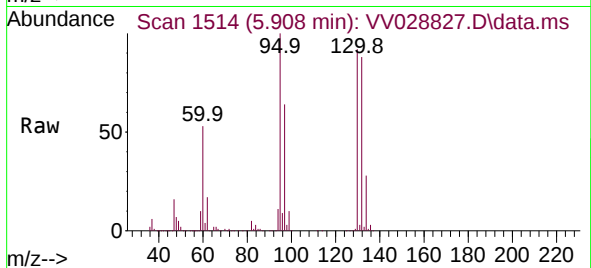
Tgt Ion: 78 Resp: 26199



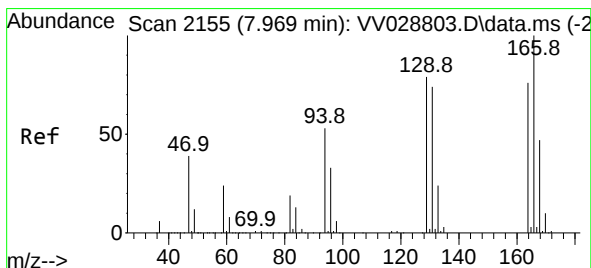
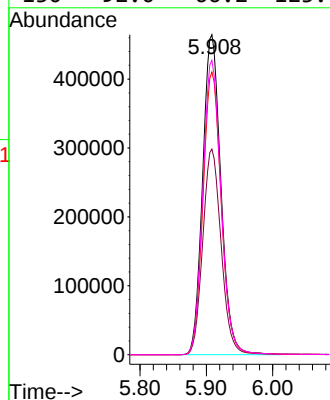
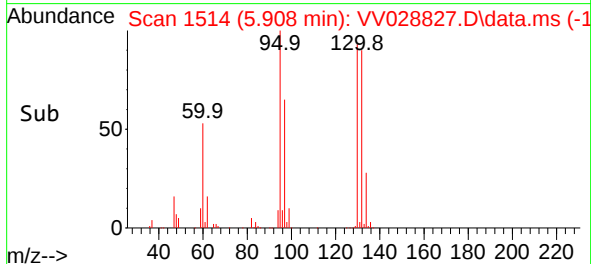


#34
Trichloroethene
Concen: 295.687 ug/L
RT: 5.908 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV028827.D
Acq: 01 Nov 2022 20:04

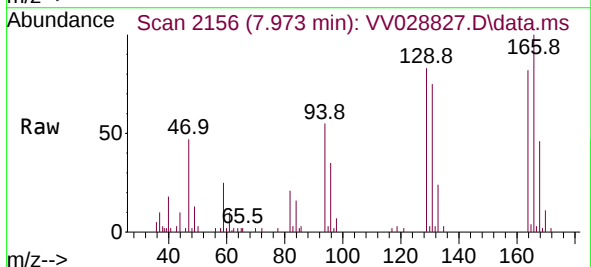
Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 95 Resp: 887715
Ion Ratio Lower Upper
95 100
97 64.2 46.2 85.8
132 88.4 63.2 117.4
130 92.0 66.2 123.0



#46
Tetrachloroethene
Concen: 4.764 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.003 min
Lab File: VV028827.D
Acq: 01 Nov 2022 20:04



Tgt Ion: 164 Resp: 9913
Ion Ratio Lower Upper
164 100
129 101.2 69.5 129.1
131 91.9 66.4 123.2
166 125.7 88.5 164.3

