

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111422\
 Data File : VW028955.D
 Acq On : 14 Nov 2022 22:30
 Operator : SY/MD
 Sample : N5604-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H46B8

Quant Time: Nov 15 05:35:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 15 01:23:16 2022
 Response via : Initial Calibration

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

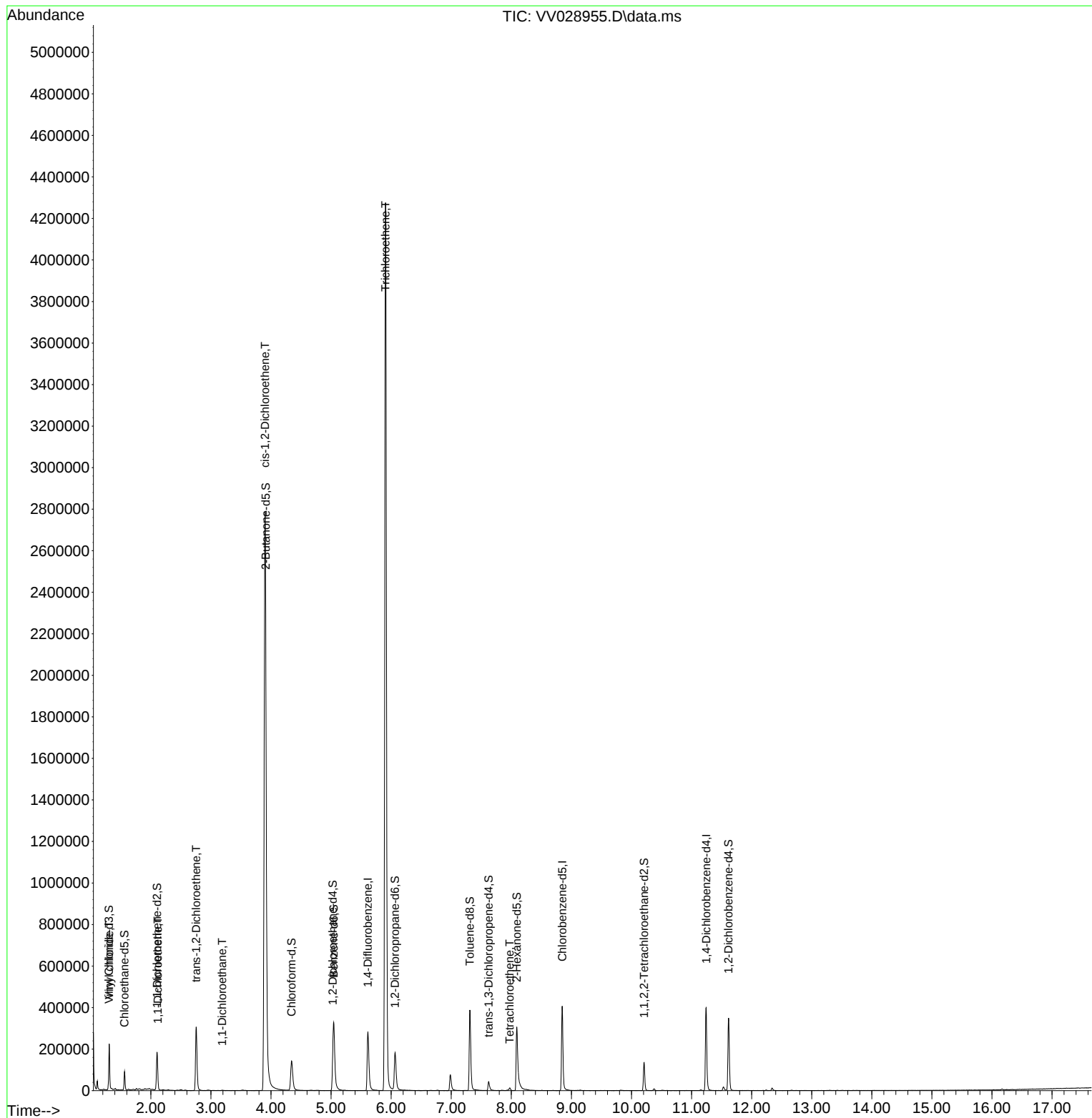
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	267526	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	244897	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	116075	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	52238	3.203	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.000%
7) Chloroethane-d5	1.561	69	56566	3.945	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.000%
11) 1,1-Dichloroethene-d2	2.101	63	86296	2.903	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.000%#
20) 2-Butanone-d5	3.912	46	126082	46.181	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.360%
24) Chloroform-d	4.343	84	155165	4.634	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
26) 1,2-Dichloroethane-d4	5.027	65	72382	4.804	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
32) Benzene-d6	5.043	84	318014	4.350	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
36) 1,2-Dichloropropane-d6	6.066	67	95923	4.699	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.000%
41) Toluene-d8	7.310	98	275063	4.180	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.600%
43) trans-1,3-Dichloroprop...	7.622	79	27506	4.132	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.600%
46) 2-Hexanone-d5	8.092	63	126846	44.638	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.280%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	67348	4.759	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.200%
66) 1,2-Dichlorobenzene-d4	11.616	152	100130	4.822	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.400%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.307	62	86859	4.114	ug/L	97
12) 1,1-Dichloroethene	2.114	96	8239	0.509	ug/L #	1
18) trans-1,2-Dichloroethene	2.754	96	124452	6.626	ug/L	96
19) 1,1-Dichloroethane	3.185	63	2146	0.070	ug/L #	83
22) cis-1,2-Dichloroethene	3.902	96	1696912	88.864	ug/L	97
34) Trichloroethene	5.905	95	1501586	78.376	ug/L	99
47) Tetrachloroethene	7.973	164	3297	0.215	ug/L	88

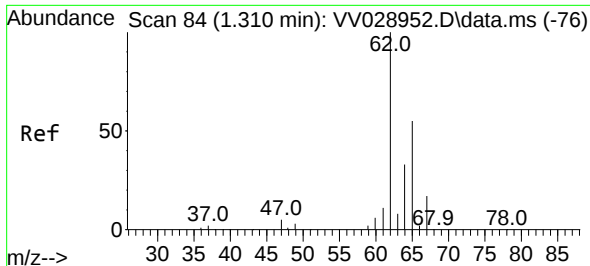
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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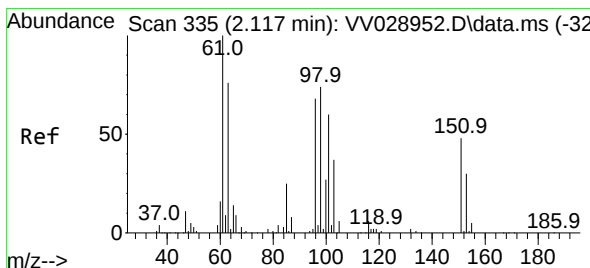
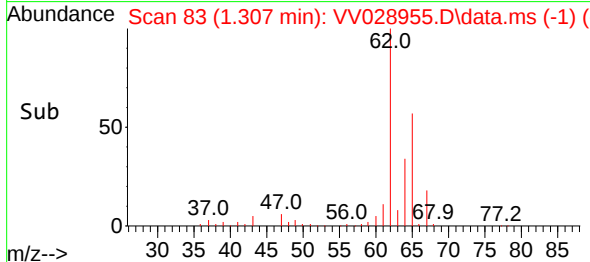
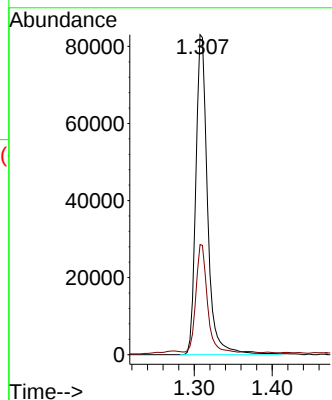
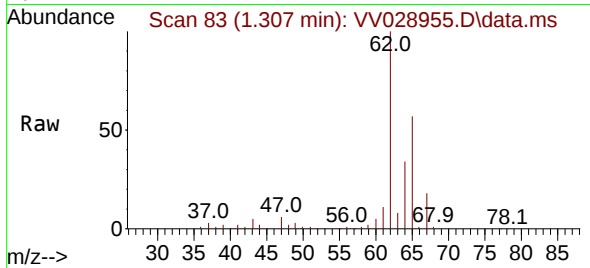




#5
 Vinyl chloride
 Concen: 4.114 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VV028955.D
 Acq: 14 Nov 2022 22:30

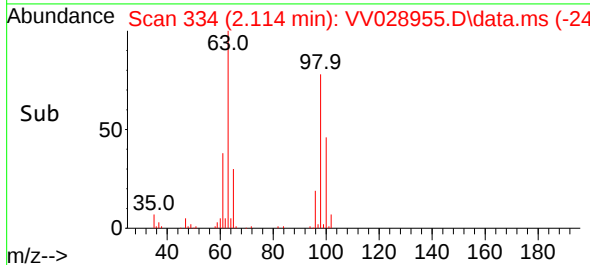
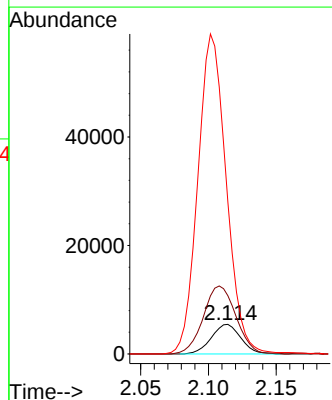
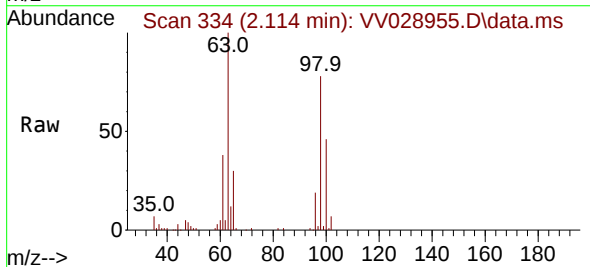
Instrument :
 MSVOA_V
 ClientSampleId :
 H46B8

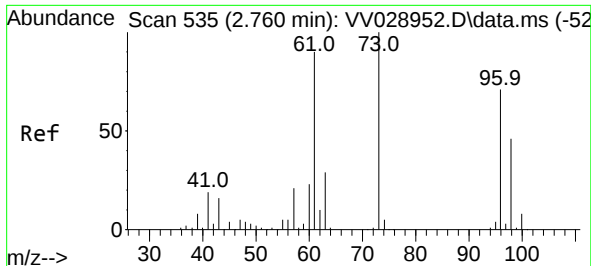
Tgt Ion: 62 Resp: 86859
 Ion Ratio Lower Upper
 62 100
 64 34.4 22.8 42.4



#12
 1,1-Dichloroethene
 Concen: 0.509 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.003 min
 Lab File: VV028955.D
 Acq: 14 Nov 2022 22:30

Tgt Ion: 96 Resp: 8239
 Ion Ratio Lower Upper
 96 100
 61 197.0 104.2 193.4#
 63 513.4 75.9 140.9#

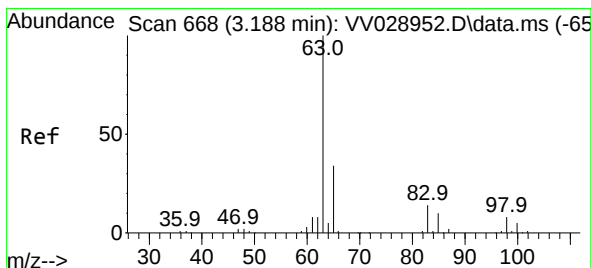
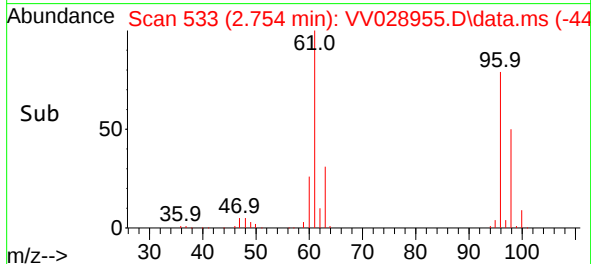
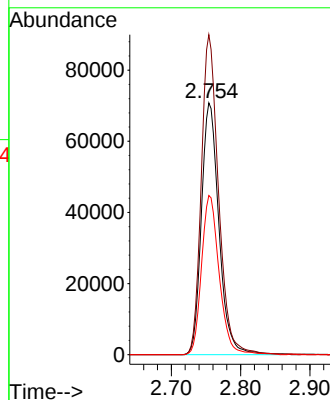
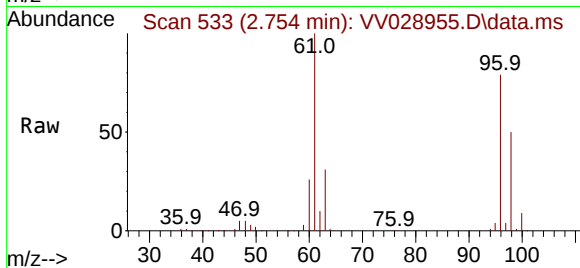




#18
trans-1,2-Dichloroethene
Concen: 6.626 ug/L
RT: 2.754 min Scan# 51
Delta R.T. -0.006 min
Lab File: VV028955.D
Acq: 14 Nov 2022 22:30

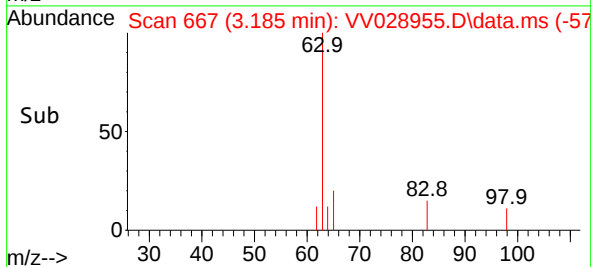
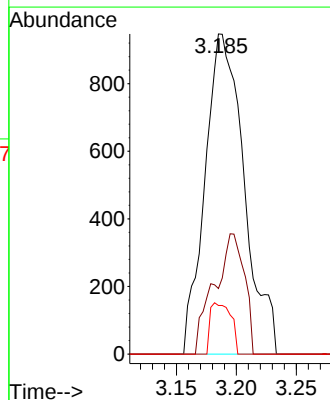
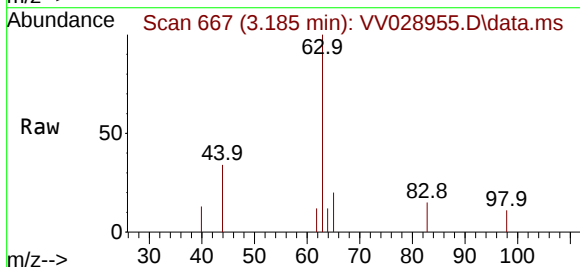
Instrument :
MSVOA_V
ClientSampleId :
H46B8

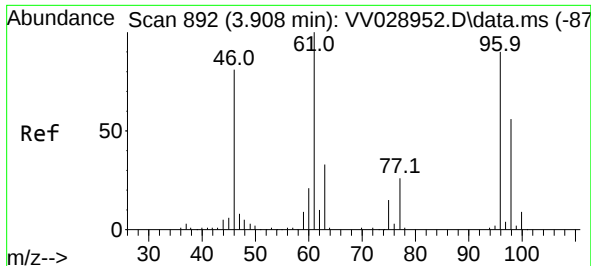
Tgt Ion: 96 Resp: 124452
Ion Ratio Lower Upper
96 100
61 127.1 91.8 170.6
98 63.2 46.4 86.2



#19
1,1-Dichloroethane
Concen: 0.070 ug/L
RT: 3.185 min Scan# 667
Delta R.T. -0.003 min
Lab File: VV028955.D
Acq: 14 Nov 2022 22:30

Tgt Ion: 63 Resp: 2146
Ion Ratio Lower Upper
63 100
65 20.5 23.0 42.6#
83 15.2 9.4 17.6



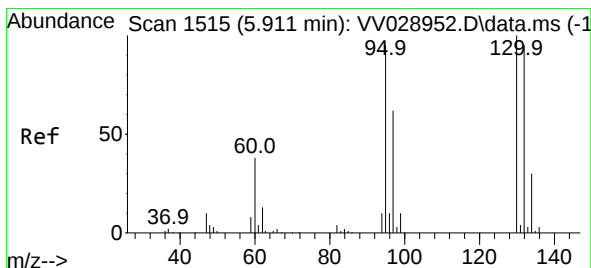
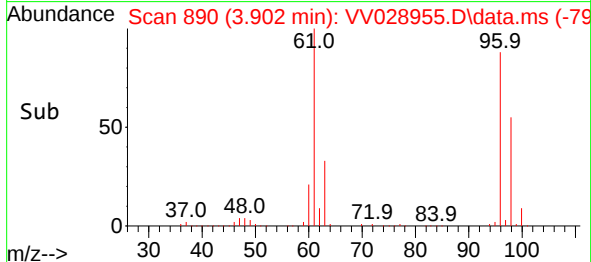
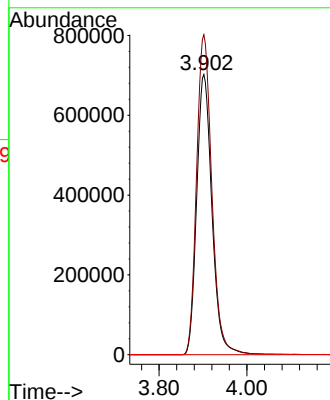
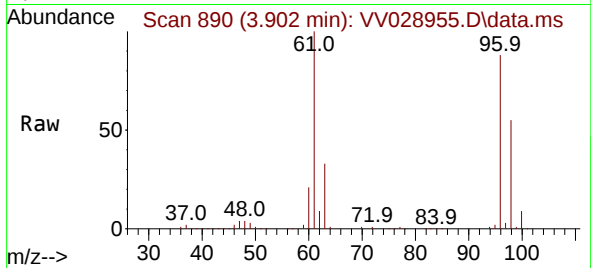


#22
 cis-1,2-Dichloroethene
 Concen: 88.864 ug/L
 RT: 3.902 min Scan# 892
 Delta R.T. -0.006 min
 Lab File: VV028955.D
 Acq: 14 Nov 2022 22:30

Instrument :
 MSVOA_V
 ClientSampleId :
 H46B8

Tgt Ion: 96 Resp: 1696912

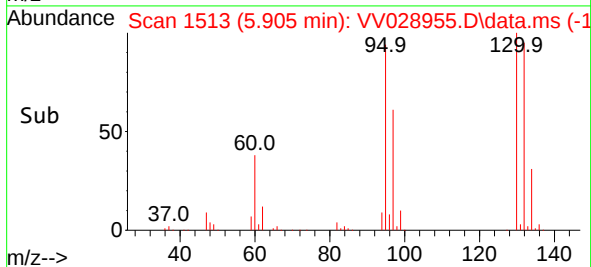
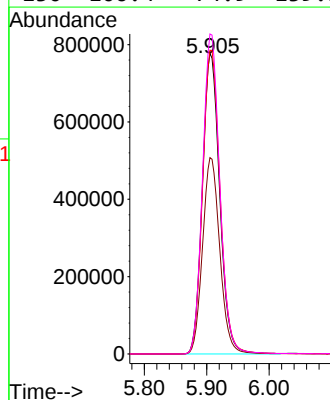
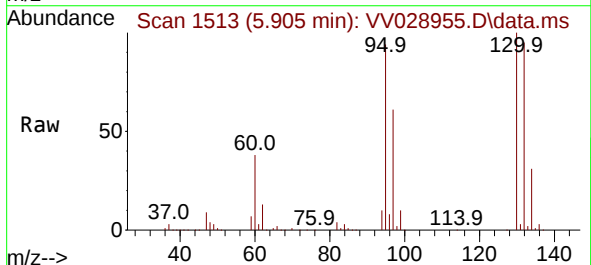
Ion	Ratio	Lower	Upper
96	100		
61	114.2	82.3	152.9
68	0.0	0.0	0.0

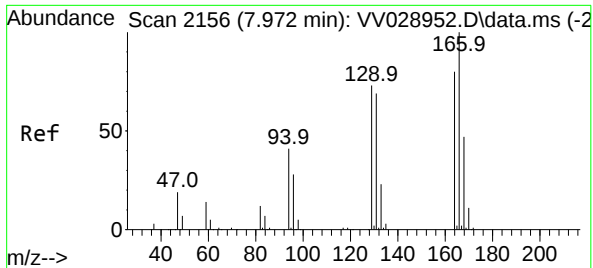


#34
 Trichloroethene
 Concen: 78.376 ug/L
 RT: 5.905 min Scan# 1513
 Delta R.T. -0.006 min
 Lab File: VV028955.D
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Tgt Ion: 95 Resp: 1501586

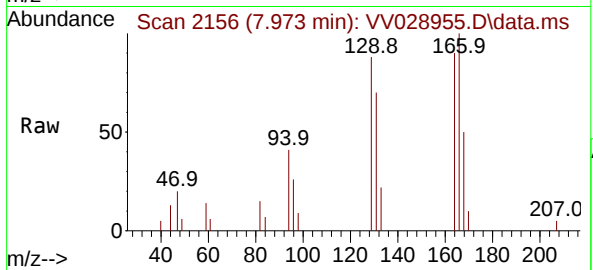
Ion	Ratio	Lower	Upper
95	100		
97	65.3	45.6	84.8
132	101.1	69.1	128.3
130	106.4	74.9	139.1





#47
Tetrachloroethene
Concen: 0.215 ug/L
RT: 7.973 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV028955.D
Acq: 14 Nov 2022 22:30

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion:	164	Resp:	3297
Ion	Ratio	Lower	Upper
164	100		
129	98.1	63.9	118.7
131	77.5	61.8	114.8
166	111.6	90.2	167.4

