

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111622\
 Data File : VW029035.D
 Acq On : 16 Nov 2022 22:58
 Operator : SY/MD
 Sample : N5604-21
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H46E4

Quant Time: Nov 17 05:35:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 17 04:20:13 2022
 Response via : Initial Calibration

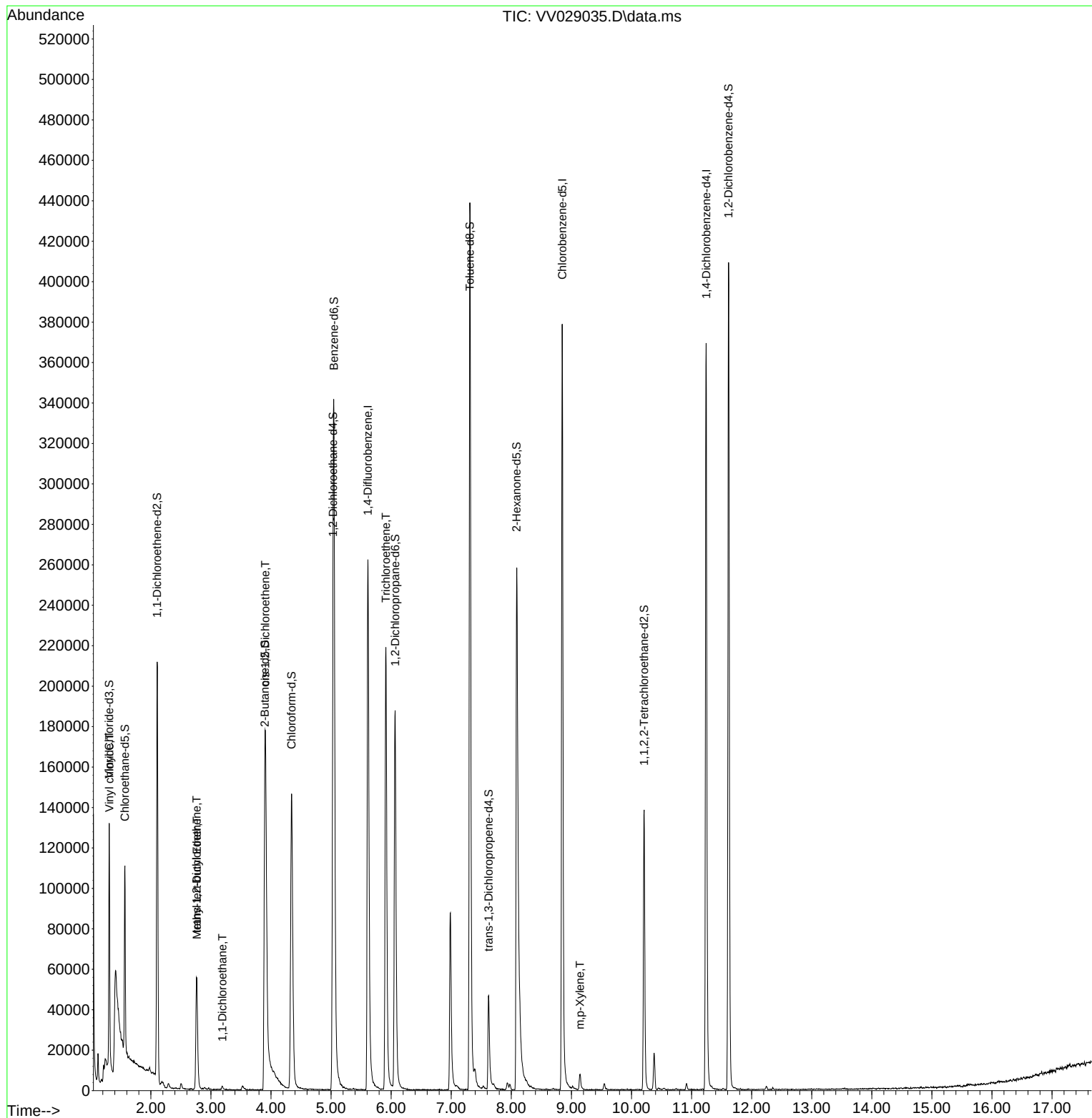
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	256758	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	234190	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	108278	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	76912	4.913	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	98.200%	
7) Chloroethane-d5	1.568	69	59747	4.342	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	86.800%	
11) 1,1-Dichloroethene-d2	2.104	63	102452	3.592	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	71.800%	
20) 2-Butanone-d5	3.895	46	93709	35.763	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	71.520%	
24) Chloroform-d	4.342	84	162071	5.043	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.800%	
26) 1,2-Dichloroethane-d4	5.030	65	73684	5.096	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.000%	
32) Benzene-d6	5.046	84	345220	4.939	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.800%	
36) 1,2-Dichloropropane-d6	6.066	67	99002	5.072	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	101.400%	
41) Toluene-d8	7.310	98	319718	5.081	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.600%	
43) trans-1,3-Dichloroprop...	7.622	79	32814	5.154	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	103.000%	
46) 2-Hexanone-d5	8.088	63	125279	46.102	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	92.200%	
56) 1,1,2,2-Tetrachloroeth...	10.210	84	70339	5.198	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	104.000%	
66) 1,2-Dichlorobenzene-d4	11.615	152	115692	5.972	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	119.400%	
Target Compounds						
5) Vinyl chloride	1.310	62	9825	0.485	ug/L #	1
17) Methyl tert-butyl Ether	2.767	73	30227	0.907	ug/L	98
18) trans-1,2-Dichloroethene	2.760	96	12791	0.710	ug/L	94
19) 1,1-Dichloroethane	3.188	63	2136	0.072	ug/L #	89
22) cis-1,2-Dichloroethene	3.905	96	88014	4.802	ug/L	96
34) Trichloroethene	5.911	95	80996	4.421	ug/L	97
53) m,p-Xylene	9.143	106	3106	0.097	ug/L	92

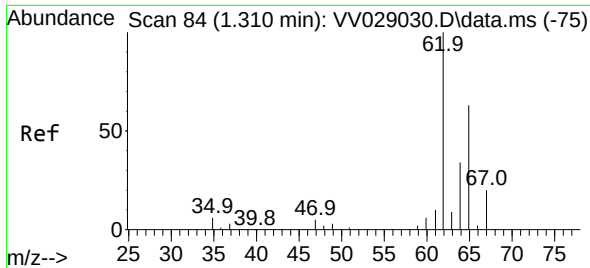
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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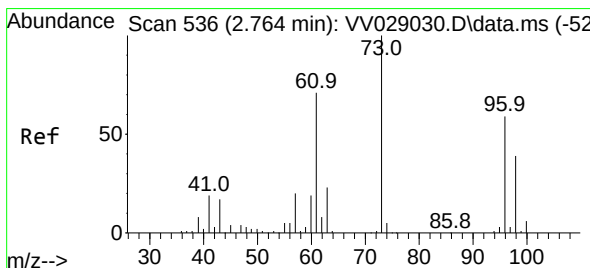
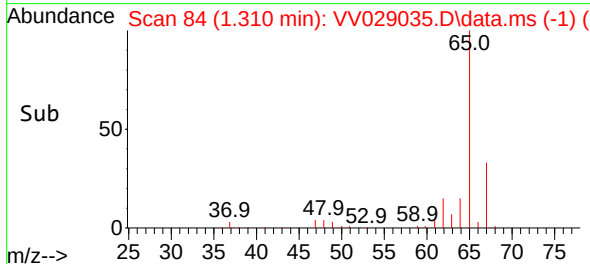
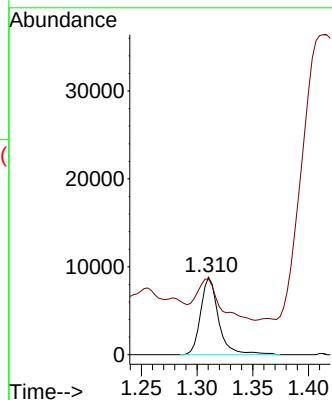
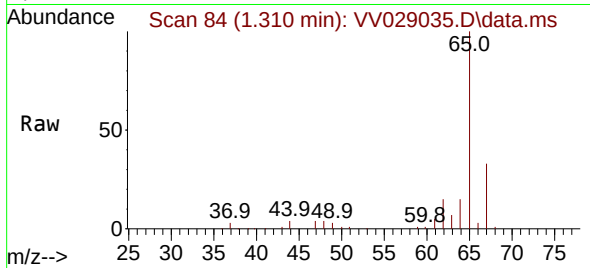




#5
 Vinyl chloride
 Concen: 0.485 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV029035.D
 Acq: 16 Nov 2022 22:58

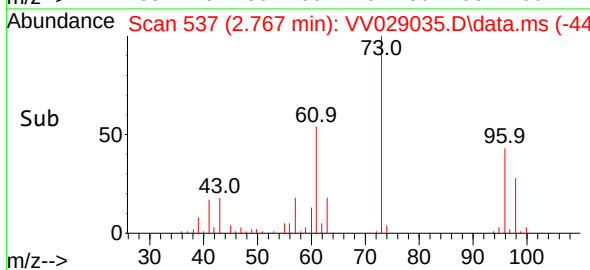
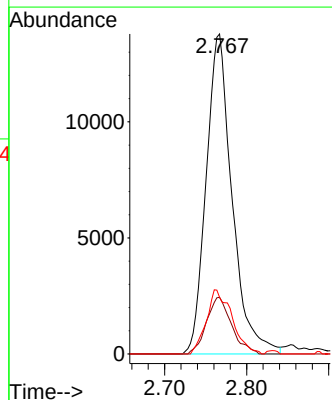
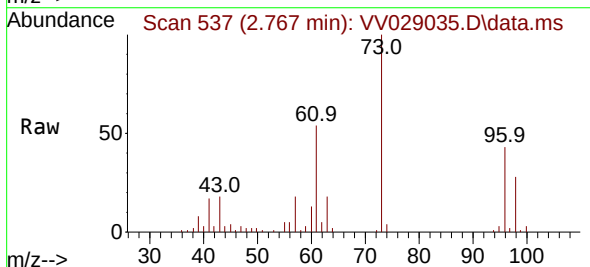
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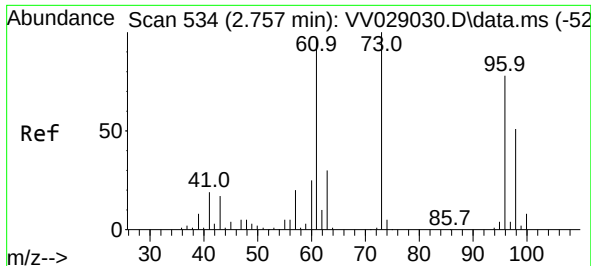
Tgt Ion: 62 Resp: 9825
 Ion Ratio Lower Upper
 62 100
 64 97.9 22.8 42.4#



#17
 Methyl tert-butyl Ether
 Concen: 0.907 ug/L
 RT: 2.767 min Scan# 537
 Delta R.T. 0.003 min
 Lab File: VV029035.D
 Acq: 16 Nov 2022 22:58

Tgt Ion: 73 Resp: 30227
 Ion Ratio Lower Upper
 73 100
 43 17.1 13.0 19.4
 57 19.8 16.6 24.8

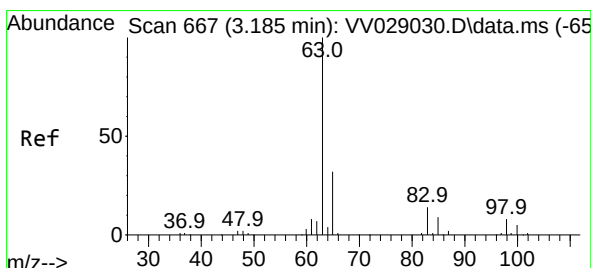
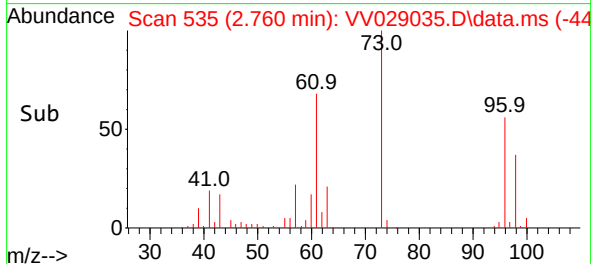
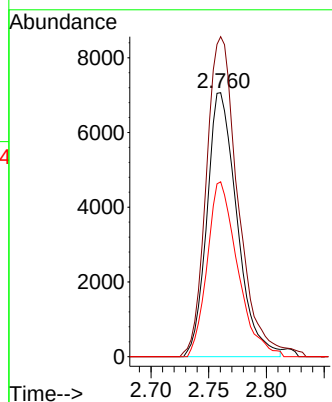
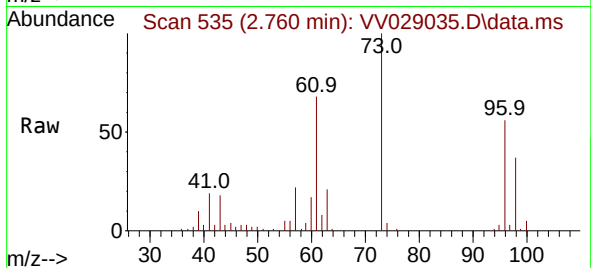




#18
trans-1,2-Dichloroethene
Concen: 0.710 ug/L
RT: 2.760 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV029035.D
Acq: 16 Nov 2022 22:58

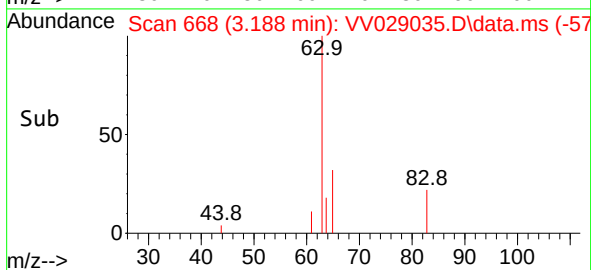
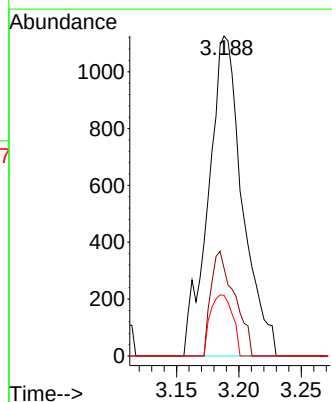
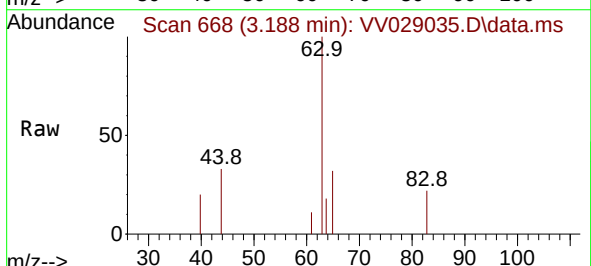
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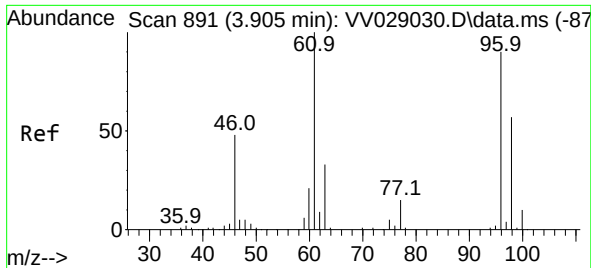
Tgt Ion: 96 Resp: 12791
Ion Ratio Lower Upper
96 100
61 121.2 91.8 170.6
98 66.2 46.4 86.2



#19
1,1-Dichloroethane
Concen: 0.072 ug/L
RT: 3.188 min Scan# 668
Delta R.T. 0.003 min
Lab File: VV029035.D
Acq: 16 Nov 2022 22:58

Tgt Ion: 63 Resp: 2136
Ion Ratio Lower Upper
63 100
65 27.4 23.0 42.6
83 18.9 9.4 17.6#

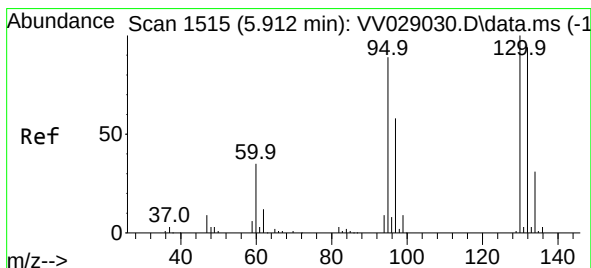
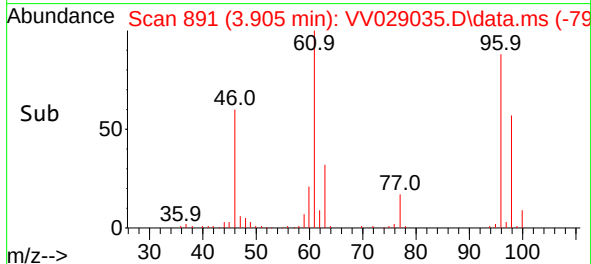
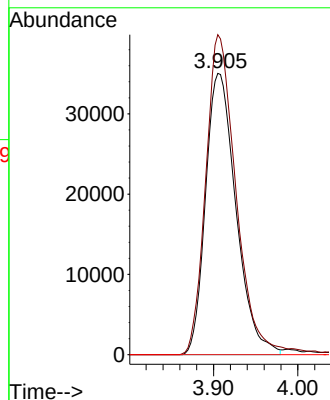
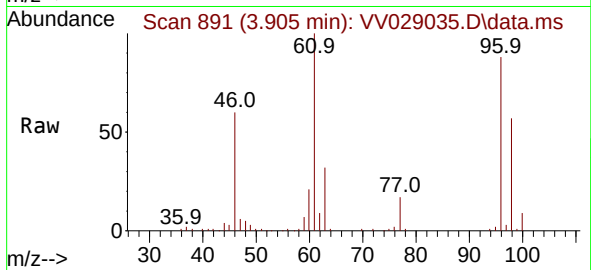




#22
cis-1,2-Dichloroethene
Concen: 4.802 ug/L
RT: 3.905 min Scan# 891
Delta R.T. -0.000 min
Lab File: VV029035.D
Acq: 16 Nov 2022 22:58

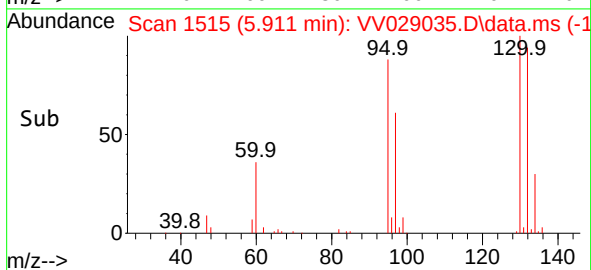
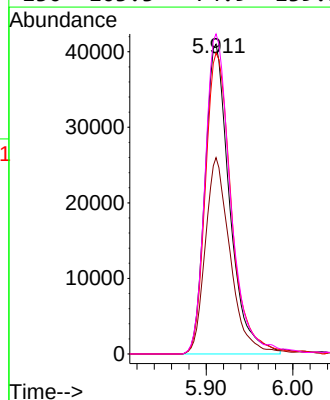
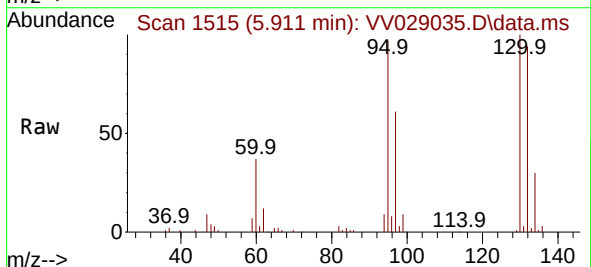
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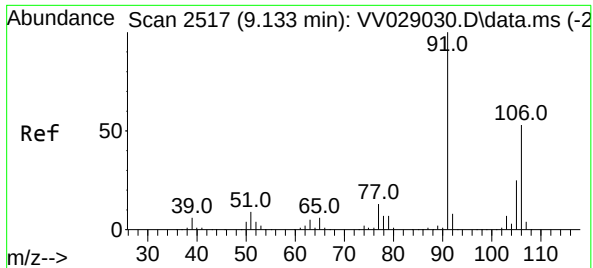
Tgt Ion: 96 Resp: 88014
Ion Ratio Lower Upper
96 100
61 113.7 82.3 152.9
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 4.421 ug/L
RT: 5.911 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VV029035.D
Acq: 16 Nov 2022 22:58

Tgt Ion: 95 Resp: 80996
Ion Ratio Lower Upper
95 100
97 63.4 45.6 84.8
132 97.2 69.1 128.3
130 103.3 74.9 139.1





#53
 m,p-Xylene
 Concen: 0.097 ug/L
 RT: 9.143 min Scan# 21
 Delta R.T. 0.010 min
 Lab File: VV029035.D
 Acq: 16 Nov 2022 22:58

Instrument :
 MSVOA_V
 ClientSampleId :
 H46E4

Tgt Ion:106 Resp: 3106
 Ion Ratio Lower Upper
 106 100
 91 186.3 139.1 258.3

