

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082522\
 Data File : VV027522.D
 Acq On : 26 Aug 2022 02:50
 Operator : SY/MD
 Sample : N4370-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5F03

Quant Time: Aug 26 03:51:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 26 01:50:00 2022
 Response via : Initial Calibration

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

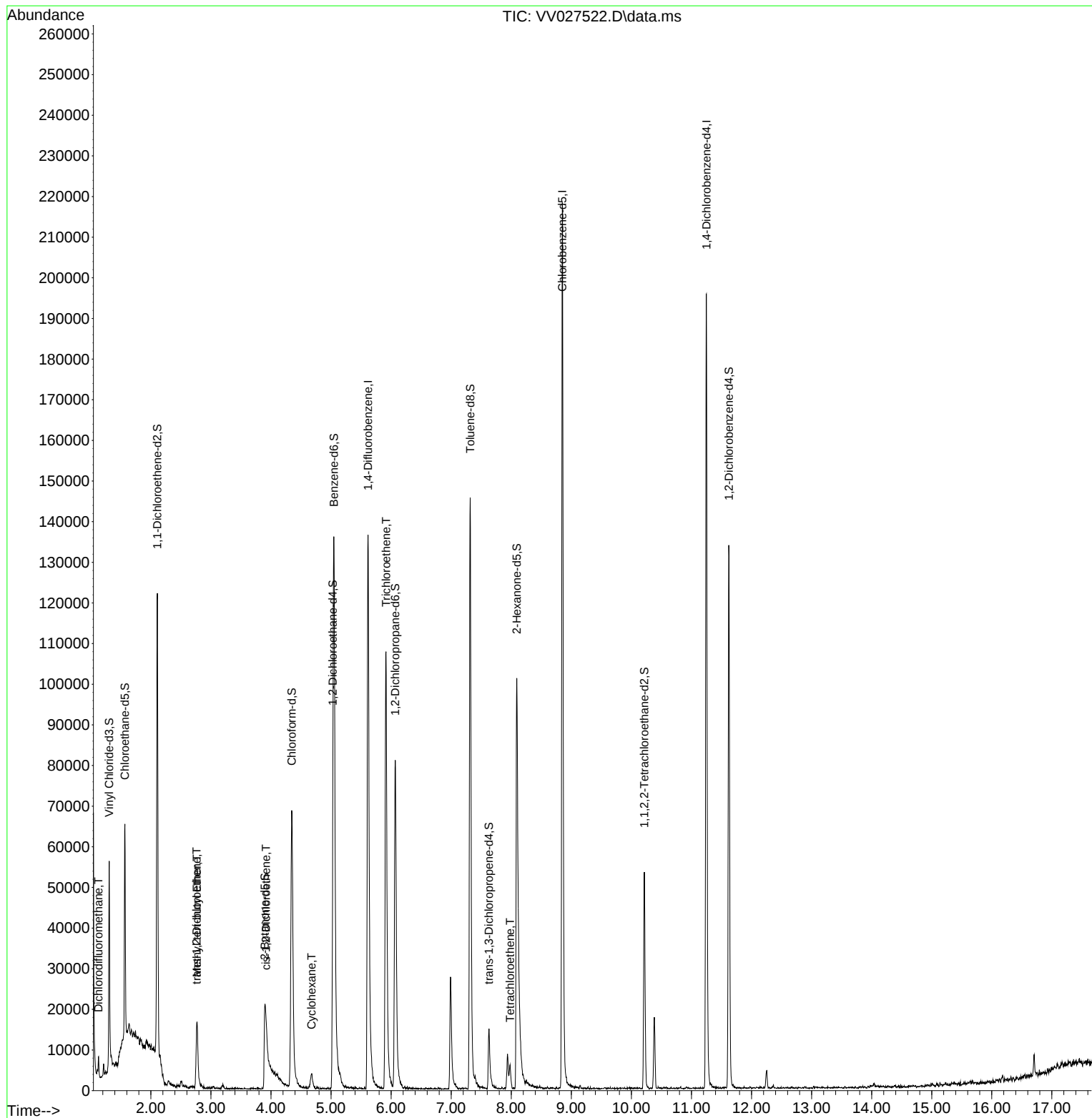
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	124466	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	122267	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	52450	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	33298	3.759	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	75.200%	
7) Chloroethane-d5	1.568	69	33111	5.107	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	102.200%	
11) 1,1-Dichloroethene-d2	2.108	63	62676	3.034	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	60.600%	
20) 2-Butanone-d5	3.899	46	40384	36.633	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	73.260%	
24) Chloroform-d	4.346	84	74294	4.194	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.800%	
26) 1,2-Dichloroethane-d4	5.031	65	34088	4.449	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.000%	
32) Benzene-d6	5.050	84	128009	3.780	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	75.600%	
36) 1,2-Dichloropropane-d6	6.069	67	40341	4.097	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	82.000%	
41) Toluene-d8	7.317	98	102587	3.355	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	67.000%#	
43) trans-1,3-Dichloroprop...	7.628	79	9703	2.878	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	57.600%	
46) 2-Hexanone-d5	8.091	63	41033	36.975	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	73.960%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	25590	4.081	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	81.600%	
66) 1,2-Dichlorobenzene-d4	11.622	152	34581	4.448	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	89.000%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.127	85	2630	0.199	ug/L	97
17) Methyl tert-butyl Ether	2.767	73	13002	0.667	ug/L #	94
18) trans-1,2-Dichloroethene	2.761	96	1313	0.135	ug/L	86
22) cis-1,2-Dichloroethene	3.915	96	1524	0.147	ug/L	92
30) Cyclohexane	4.674	56	1799	0.125	ug/L #	77
34) Trichloroethene	5.915	95	39889	3.729	ug/L	96
47) Tetrachloroethene	7.982	164	1390	0.167	ug/L	96

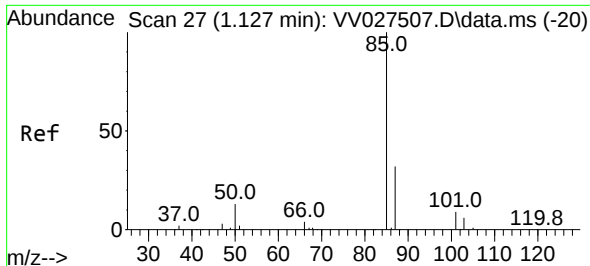
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Aug 26 01:50:00 2022
Response via : Initial Calibration

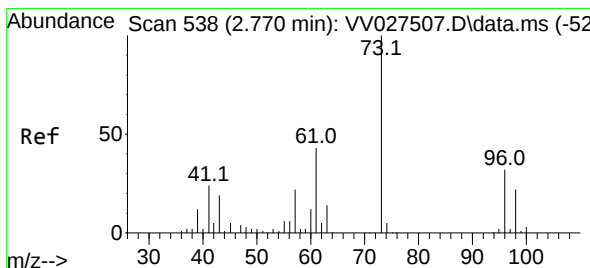
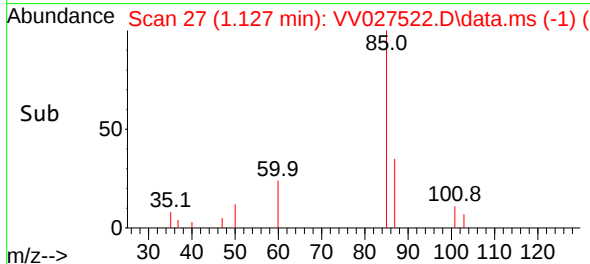
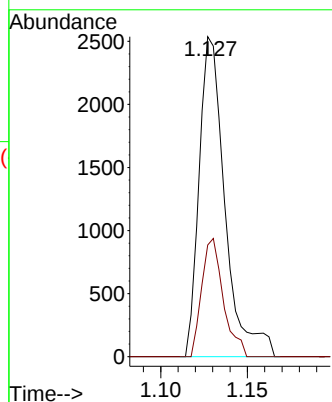
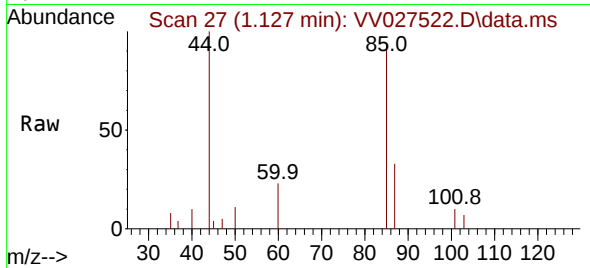




#2
 Dichlorodifluoromethane
 Concen: 0.199 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV027522.D
 Acq: 26 Aug 2022 02:50

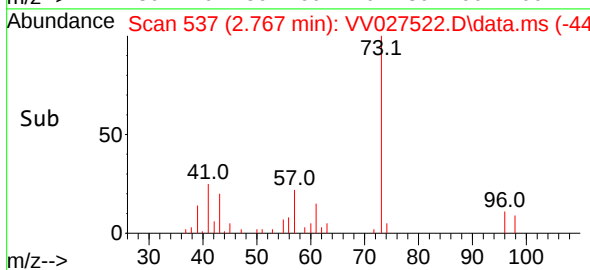
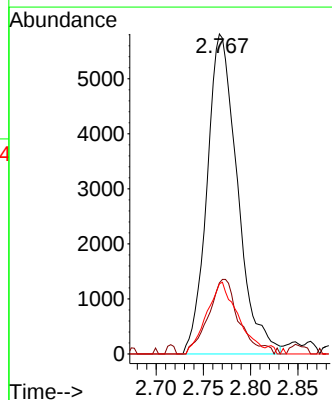
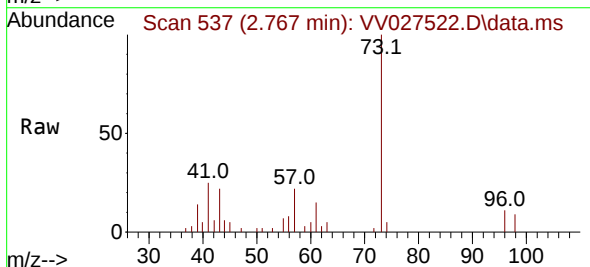
Instrument :
 MSVOA_V
 ClientSampleId :
 F5F03

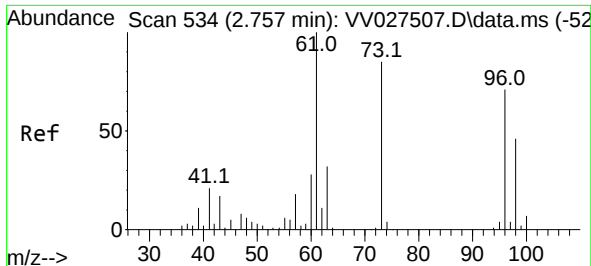
Tgt Ion: 85 Resp: 2630
 Ion Ratio Lower Upper
 85 100
 87 30.8 26.0 39.0



#17
 Methyl tert-butyl Ether
 Concen: 0.667 ug/L
 RT: 2.767 min Scan# 537
 Delta R.T. -0.003 min
 Lab File: VV027522.D
 Acq: 26 Aug 2022 02:50

Tgt Ion: 73 Resp: 13002
 Ion Ratio Lower Upper
 73 100
 43 23.6 15.6 23.4#
 57 23.2 17.0 25.6

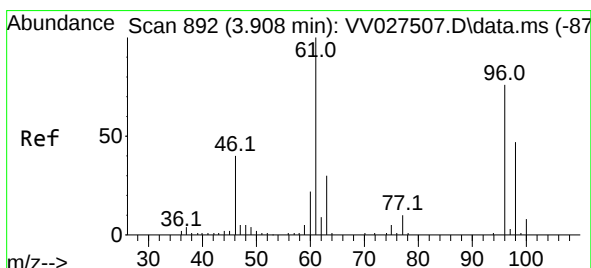
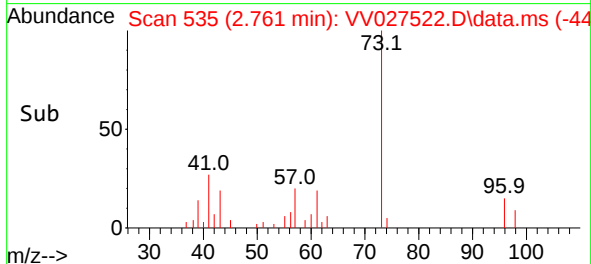
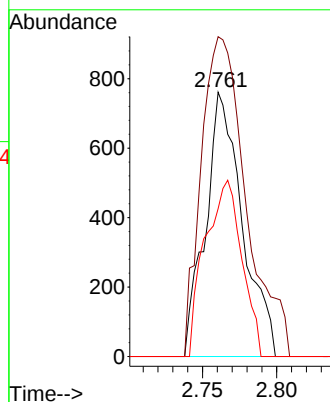
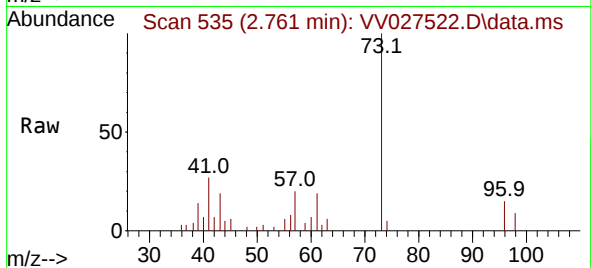




#18
trans-1,2-Dichloroethene
Concen: 0.135 ug/L
RT: 2.761 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV027522.D
Acq: 26 Aug 2022 02:50

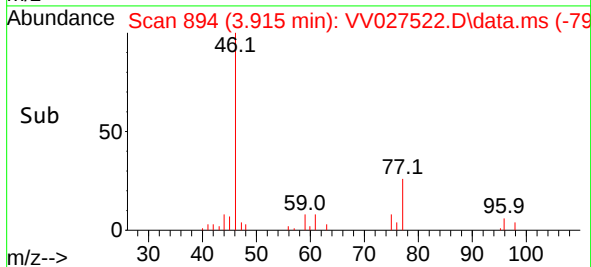
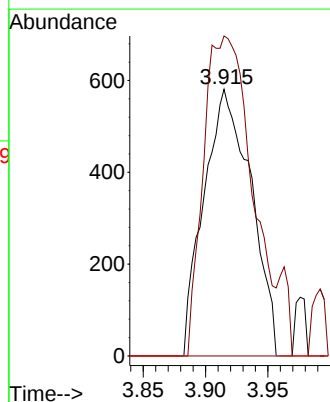
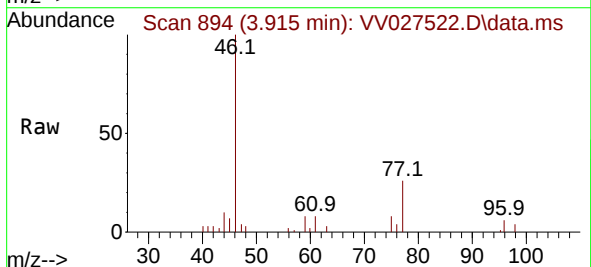
Instrument :
MSVOA_V
ClientSampleId :
F5F03

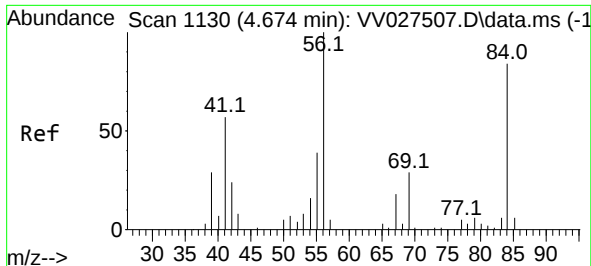
Tgt Ion: 96 Resp: 1313
Ion Ratio Lower Upper
96 100
61 121.0 97.6 181.4
98 56.0 45.9 85.3



#22
cis-1,2-Dichloroethene
Concen: 0.147 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.006 min
Lab File: VV027522.D
Acq: 26 Aug 2022 02:50

Tgt Ion: 96 Resp: 1524
Ion Ratio Lower Upper
96 100
61 120.0 90.6 168.2
68 0.0 0.0 0.0

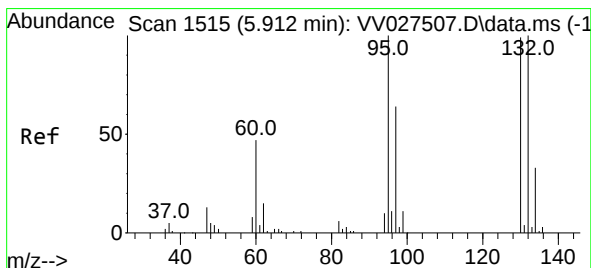
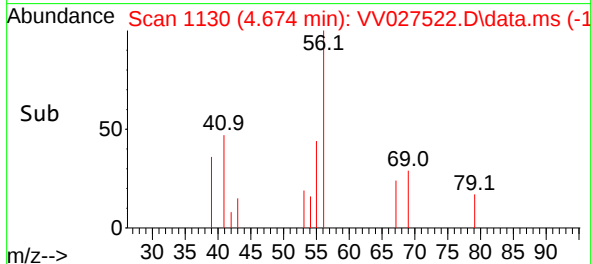
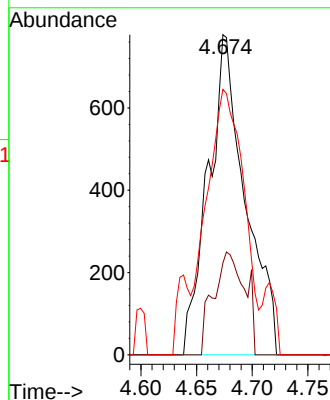
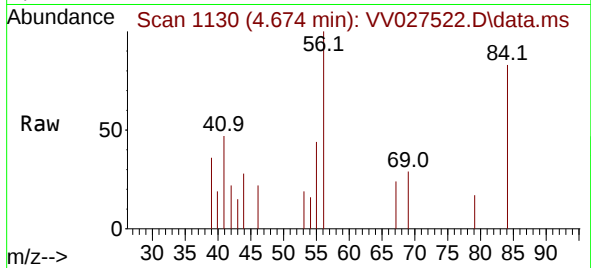




#30
Cyclohexane
Concen: 0.125 ug/L
RT: 4.674 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VV027522.D
Acq: 26 Aug 2022 02:50

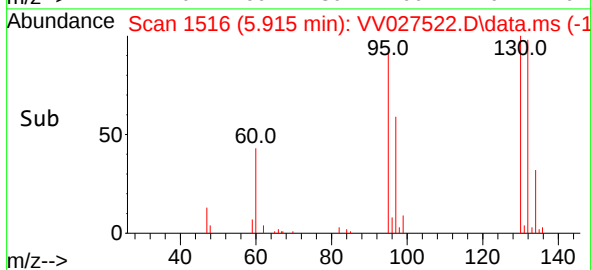
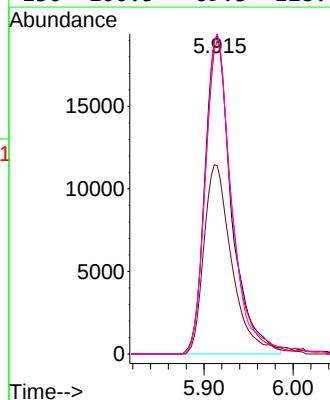
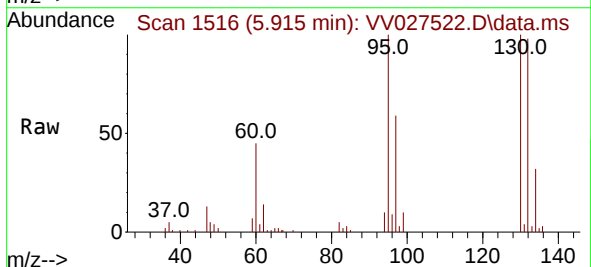
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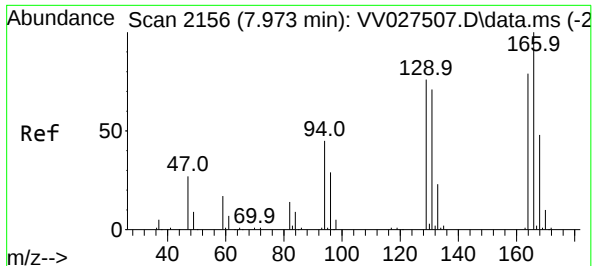
Tgt Ion:	56	Resp:	1799
Ion	Ratio	Lower	Upper
56	100		
69	27.2	25.4	38.0
84	60.5	69.7	104.5



#34
Trichloroethene
Concen: 3.729 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VV027522.D
Acq: 26 Aug 2022 02:50

Tgt Ion:	95	Resp:	39889
Ion	Ratio	Lower	Upper
95	100		
97	59.2	45.0	83.6
132	98.3	65.7	121.9
130	100.5	69.3	128.7





#47
 Tetrachloroethene
 Concen: 0.167 ug/L
 RT: 7.982 min Scan# 2159
 Delta R.T. 0.010 min
 Lab File: VV027522.D
 Acq: 26 Aug 2022 02:50

Instrument :
 MSVOA_V
 ClientSampleId :
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Tgt Ion:164	Resp:	1390
Ion	Ratio	Lower Upper
164	100	
129	108.7	71.1 132.1
131	86.1	64.5 119.9
166	129.0	89.4 166.0

