

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092222\
 Data File : VV028074.D
 Acq On : 22 Sep 2022 21:29
 Operator : SY/MD
 Sample : N4652-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ35

Quant Time: Sep 23 04:52:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 23 04:38:54 2022
 Response via : Initial Calibration

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

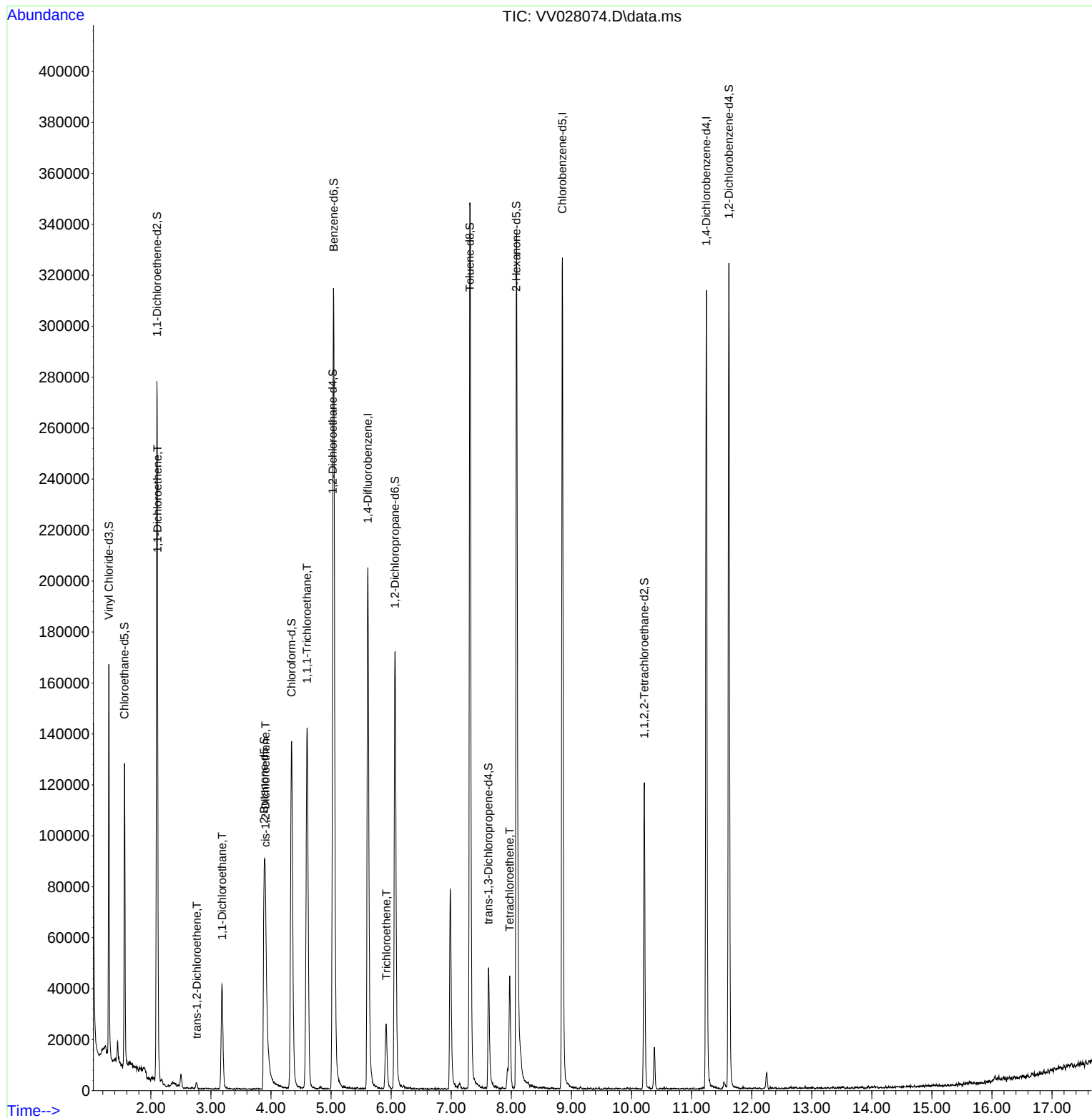
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	184791	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	183908	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	85171	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	94955	4.956	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.200%
7) Chloroethane-d5	1.561	69	75842	4.979	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.600%
11) 1,1-Dichloroethene-d2	2.102	63	137478	4.137	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.800%
20) 2-Butanone-d5	3.886	46	157294	48.633	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.260%
24) Chloroform-d	4.343	84	145309	4.753	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
26) 1,2-Dichloroethane-d4	5.027	65	70977	4.879	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	5.044	84	289771	4.805	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
36) 1,2-Dichloropropane-d6	6.063	67	88560	4.711	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.200%
41) Toluene-d8	7.310	98	241199	4.419	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
43) trans-1,3-Dichloroprop...	7.619	79	30190	4.446	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.000%
46) 2-Hexanone-d5	8.085	63	124778	44.026	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.060%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	57636	4.485	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	87344	5.228	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.600%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.111	96	18754	1.469	ug/L #	1
18) trans-1,2-Dichloroethene	2.764	96	1096	0.098	ug/L #	63
19) 1,1-Dichloroethane	3.185	63	42736	1.752	ug/L	97
22) cis-1,2-Dichloroethene	3.909	96	15031	1.025	ug/L	100
29) 1,1,1-Trichloroethane	4.600	97	117573	5.203	ug/L	98
34) Trichloroethene	5.918	95	8566	0.674	ug/L	93
47) Tetrachloroethene	7.973	164	10171	1.002	ug/L	96

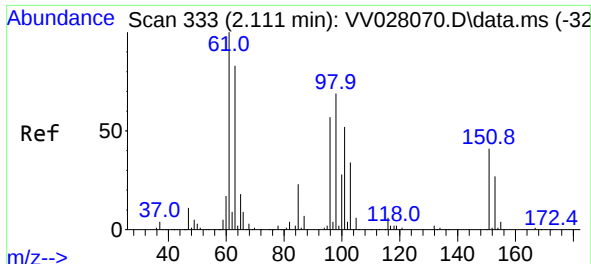
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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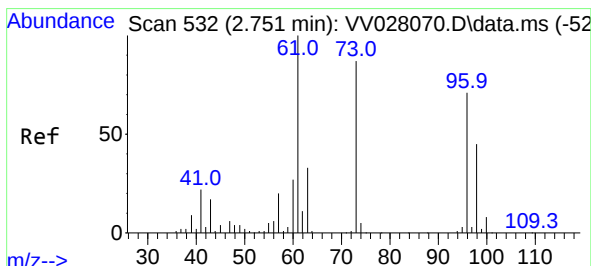
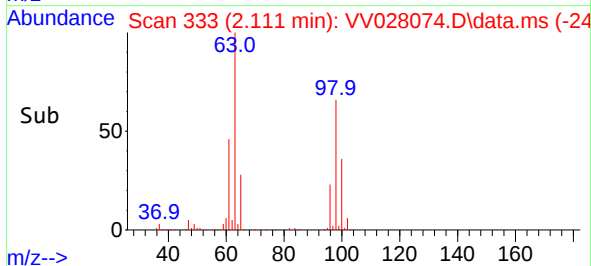
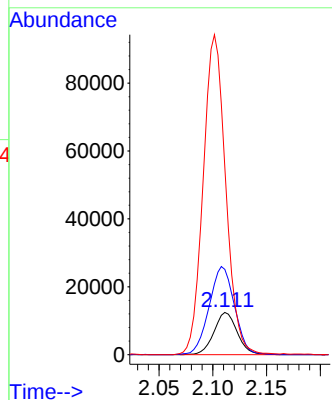
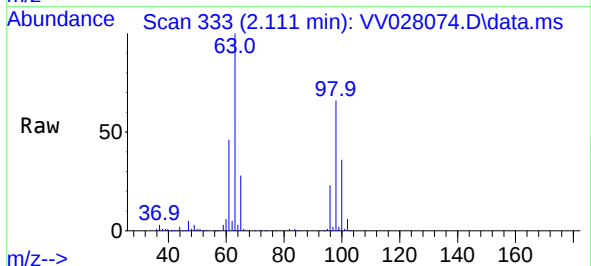




#12
1,1-Dichloroethene
Concen: 1.469 ug/L
RT: 2.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VV028074.D
Acq: 22 Sep 2022 21:29

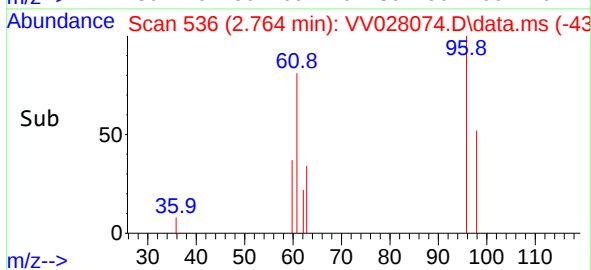
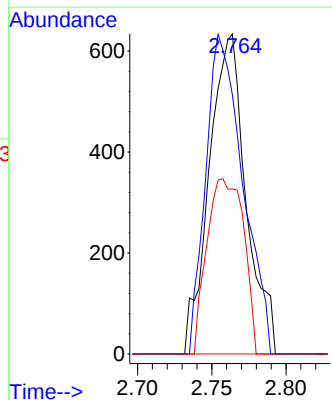
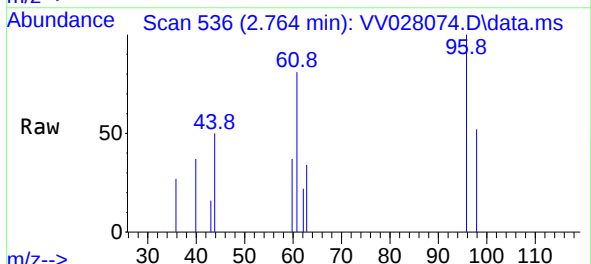
Instrument :
MSVOA_V
ClientSampleId :
EXZ35

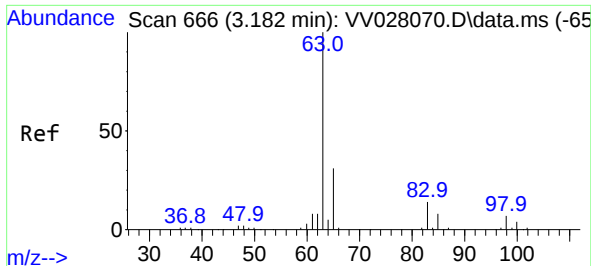
Tgt Ion: 96 Resp: 18754
Ion Ratio Lower Upper
96 100
61 201.7 128.3 238.3
63 442.7 112.7 209.3#



#18
trans-1,2-Dichloroethene
Concen: 0.098 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.013 min
Lab File: VV028074.D
Acq: 22 Sep 2022 21:29

Tgt Ion: 96 Resp: 1096
Ion Ratio Lower Upper
96 100
61 81.1 96.2 178.6#
98 51.6 45.7 84.9

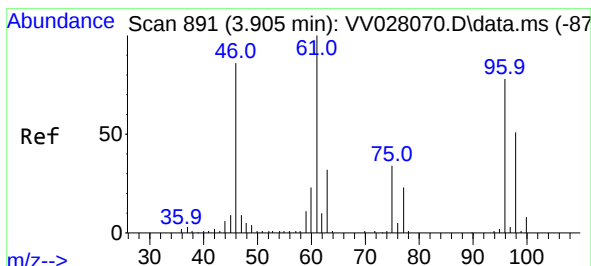
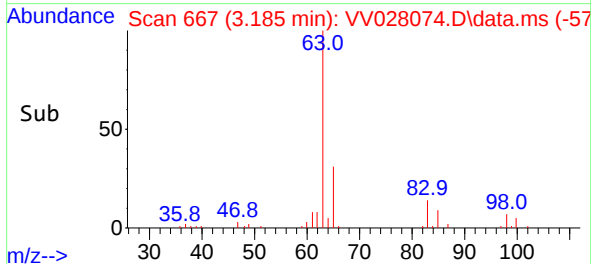
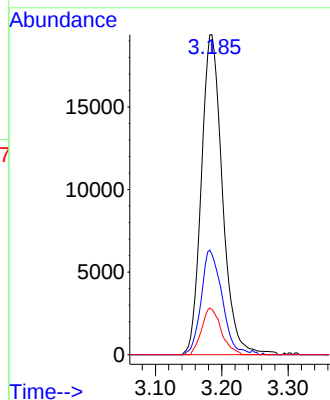
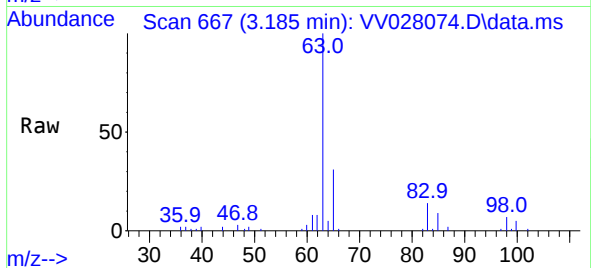




#19
1,1-Dichloroethane
Concen: 1.752 ug/L
RT: 3.185 min Scan# 666
Delta R.T. 0.003 min
Lab File: VV028074.D
Acq: 22 Sep 2022 21:29

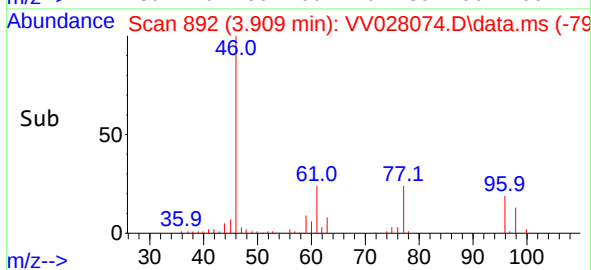
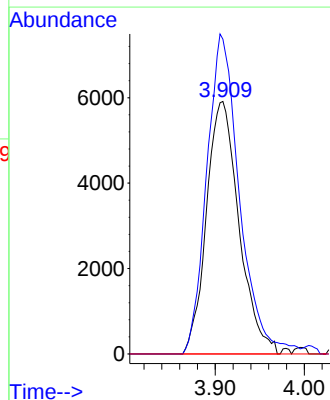
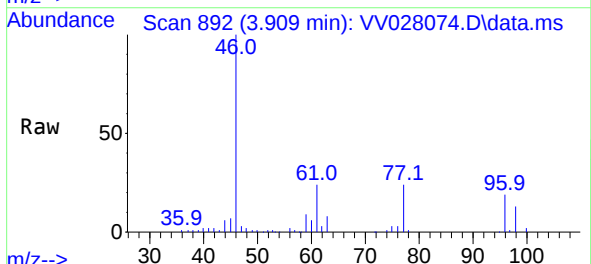
Instrument :
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ClientSampleId :
EXZ35

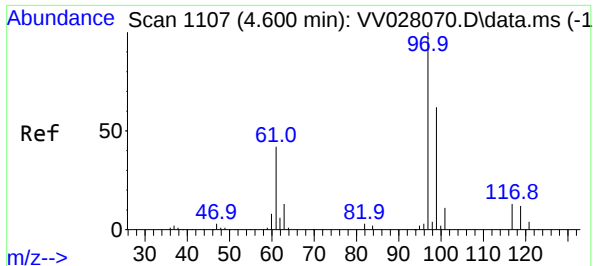
Tgt Ion: 63 Resp: 42736
Ion Ratio Lower Upper
63 100
65 31.4 23.0 42.8
83 14.2 9.2 17.2



#22
cis-1,2-Dichloroethene
Concen: 1.025 ug/L
RT: 3.909 min Scan# 892
Delta R.T. 0.003 min
Lab File: VV028074.D
Acq: 22 Sep 2022 21:29

Tgt Ion: 96 Resp: 15031
Ion Ratio Lower Upper
96 100
61 124.6 87.2 161.9
68 0.0 0.0 0.0

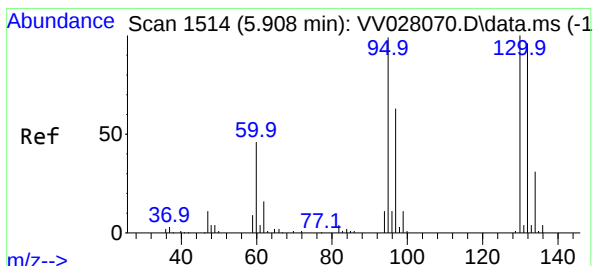
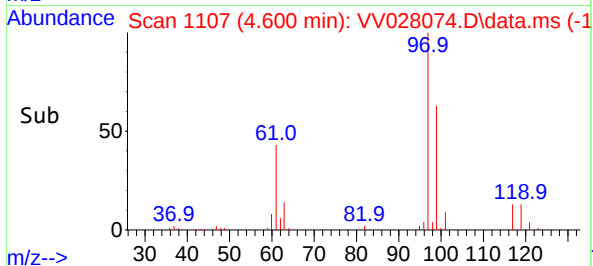
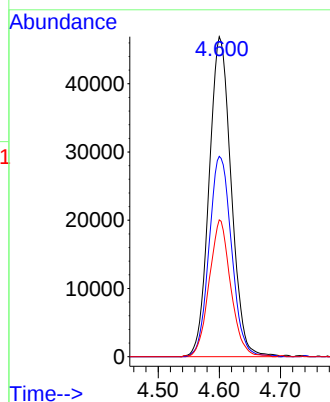
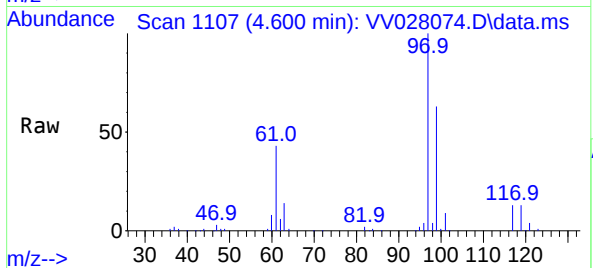




#29
1,1,1-Trichloroethane
Concen: 5.203 ug/L
RT: 4.600 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VV028074.D
Acq: 22 Sep 2022 21:29

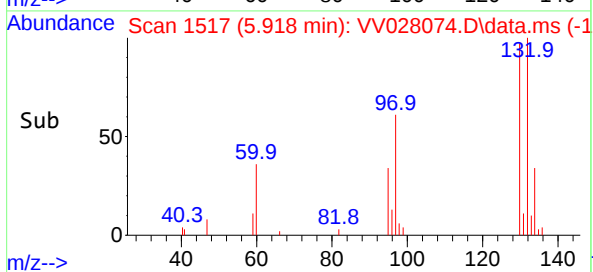
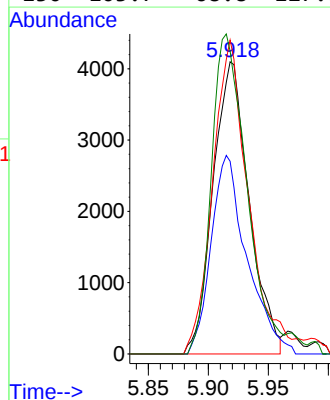
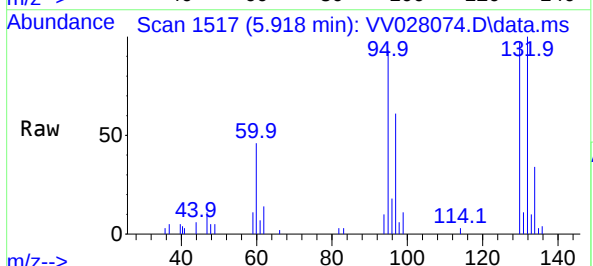
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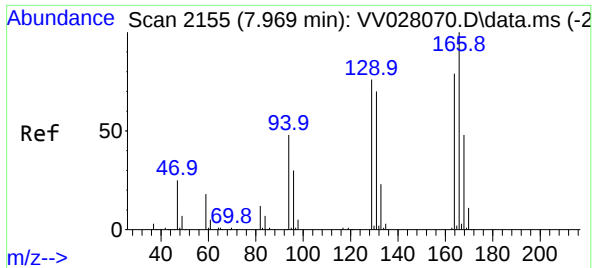
Tgt Ion: 97 Resp: 117573
Ion Ratio Lower Upper
97 100
99 63.8 51.9 77.9
61 41.7 34.8 52.2



#34
Trichloroethene
Concen: 0.674 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.010 min
Lab File: VV028074.D
Acq: 22 Sep 2022 21:29

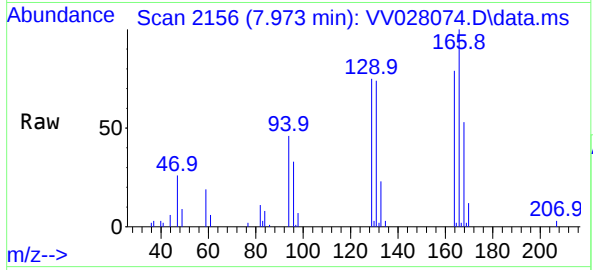
Tgt Ion: 95 Resp: 8566
Ion Ratio Lower Upper
95 100
97 65.9 44.2 82.0
132 107.4 67.8 126.0
130 103.7 68.8 127.8





#47
 Tetrachloroethene
 Concen: 1.002 ug/L
 RT: 7.973 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV028074.D
 Acq: 22 Sep 2022 21:29

Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ35



Tgt Ion:164 Resp: 10171

Ion	Ratio	Lower	Upper
164	100		
129	92.9	66.7	123.9
131	91.1	61.7	114.5
166	123.5	90.9	168.9

