

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092922\
 Data File : VV028190.D
 Acq On : 29 Sep 2022 16:35
 Operator : SY/MD
 Sample : N4730-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXFS4

Quant Time: Sep 30 01:48:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 29 01:25:35 2022
 Response via : Initial Calibration

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

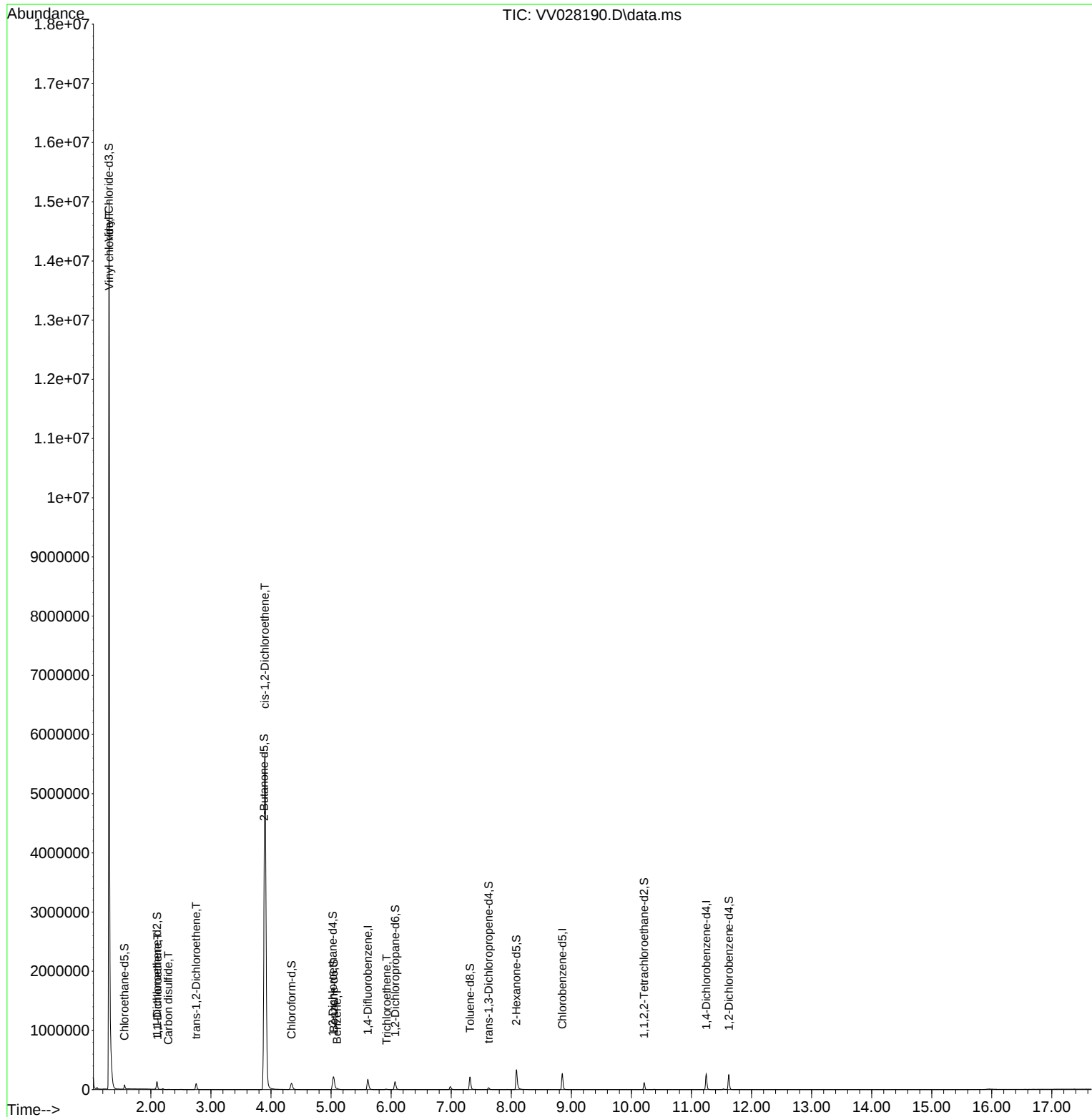
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	156146	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	156894	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	77203	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	128287	7.925	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	158.400%#
7) Chloroethane-d5	1.561	69	43732	3.398	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	68.000%
11) 1,1-Dichloroethene-d2	2.101	63	62964	2.243	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	44.800%#
20) 2-Butanone-d5	3.886	46	162240	59.364	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.720%
24) Chloroform-d	4.342	84	112695	4.363	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
26) 1,2-Dichloroethane-d4	5.027	65	56359	4.585	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
32) Benzene-d6	5.043	84	203109	3.948	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.000%
36) 1,2-Dichloropropane-d6	6.066	67	68477	4.270	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.400%
41) Toluene-d8	7.313	98	149931	3.220	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	64.400%#
43) trans-1,3-Dichloroprop...	7.622	79	20655	3.565	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.400%
46) 2-Hexanone-d5	8.085	63	123774	51.191	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.380%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	56529	5.157	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	69417	4.584	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.600%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.304	62	9859396	814.261	ug/L	90
12) 1,1-Dichloroethene	2.111	96	4171	0.387	ug/L #	1
14) Carbon disulfide	2.291	76	4039	0.195	ug/L	96
18) trans-1,2-Dichloroethene	2.754	96	39587	4.191	ug/L	96
22) cis-1,2-Dichloroethene	3.899	96	3260593	263.058	ug/L	95
33) Benzene	5.098	78	17774	0.408	ug/L	100
34) Trichloroethene	5.924	95	2616	0.241	ug/L	80

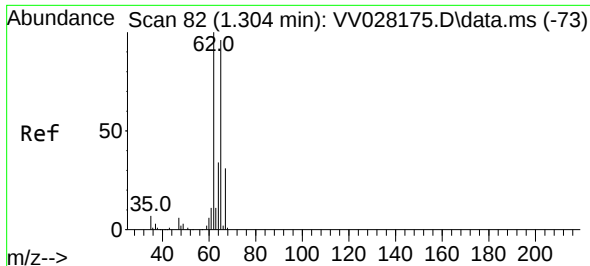
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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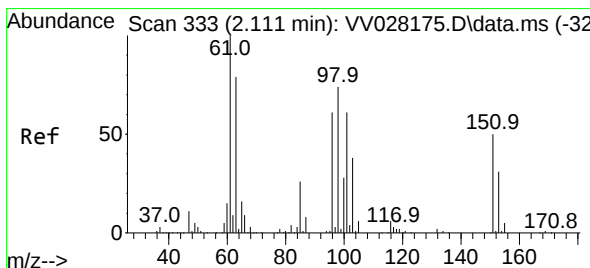
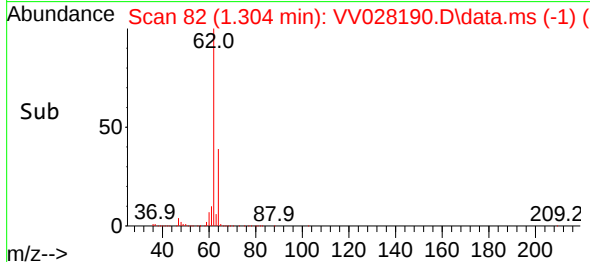
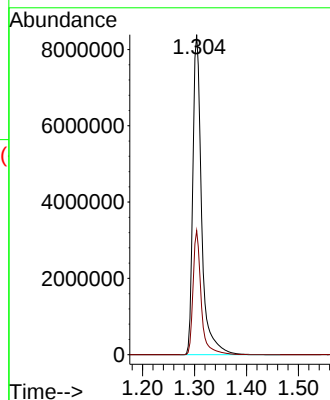
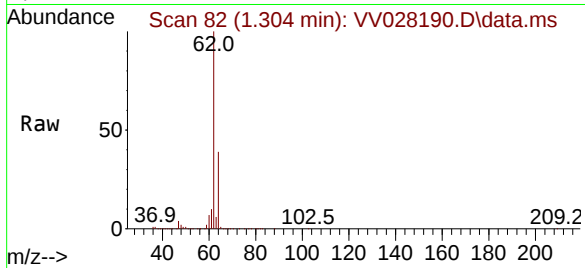




#5
 Vinyl chloride
 Concen: 814.261 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VV028190.D
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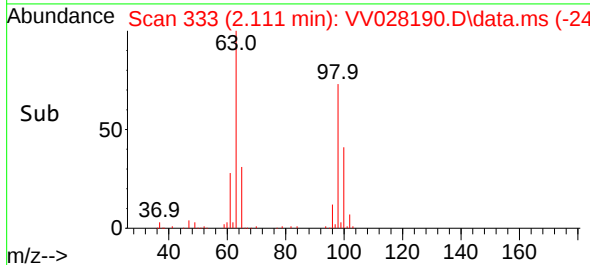
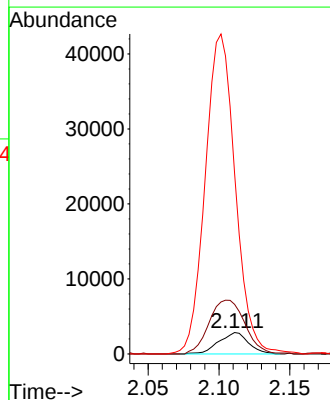
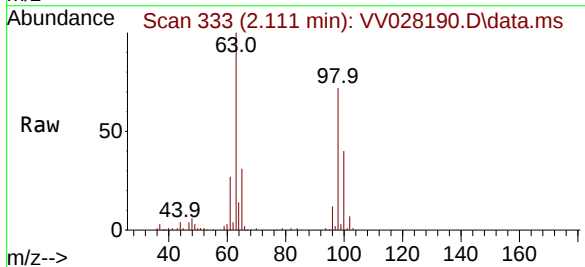
Instrument :
 MSVOA_V
 ClientSampleId :
 EXFS4

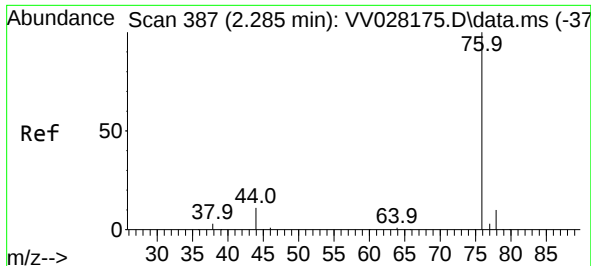
Tgt Ion: 62 Resp: 9859396
 Ion Ratio Lower Upper
 62 100
 64 38.7 23.0 42.8



#12
 1,1-Dichloroethene
 Concen: 0.387 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.000 min
 Lab File: VV028190.D
 Acq: 29 Sep 2022 16:35

Tgt Ion: 96 Resp: 4171
 Ion Ratio Lower Upper
 96 100
 61 231.1 128.3 238.3
 63 840.8 112.7 209.3#

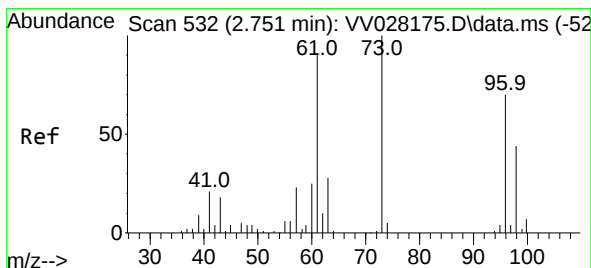
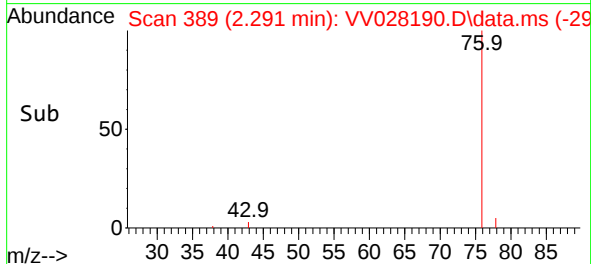
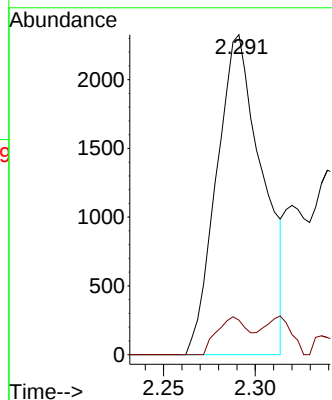
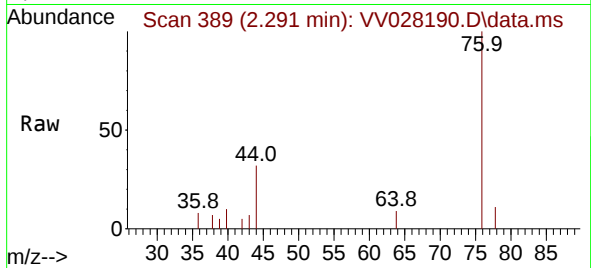




#14
Carbon disulfide
Concen: 0.195 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.006 min
Lab File: VV028190.D
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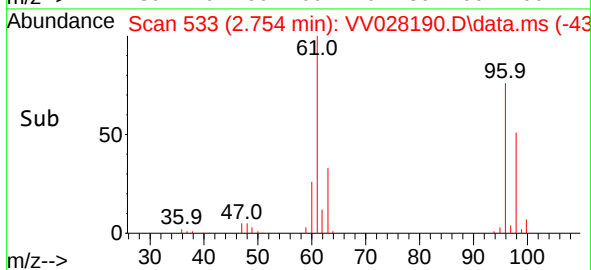
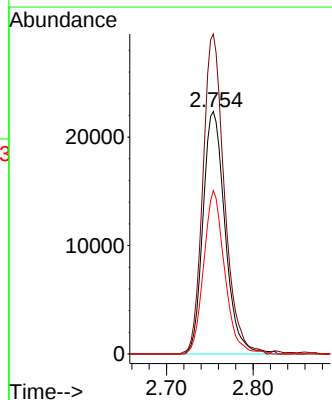
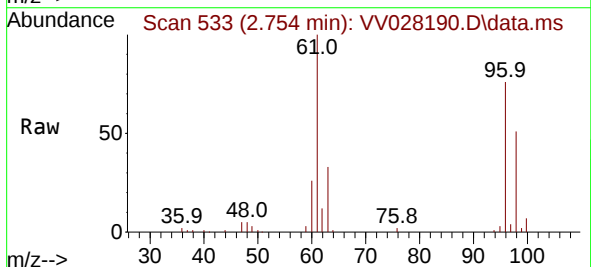
Instrument :
MSVOA_V
ClientSampleId :
EXFS4

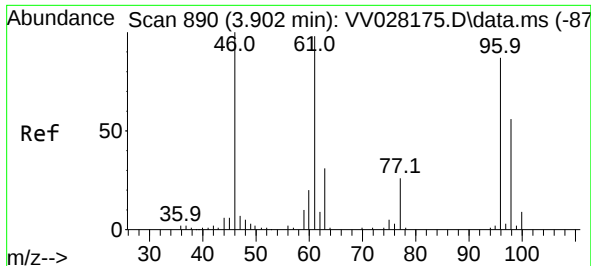
Tgt Ion: 76 Resp: 4039
Ion Ratio Lower Upper
76 100
78 10.8 7.6 11.4



#18
trans-1,2-Dichloroethene
Concen: 4.191 ug/L
RT: 2.754 min Scan# 533
Delta R.T. 0.003 min
Lab File: VV028190.D
Acq: 29 Sep 2022 16:35

Tgt Ion: 96 Resp: 39587
Ion Ratio Lower Upper
96 100
61 132.0 96.2 178.6
98 67.4 45.7 84.9





#22

cis-1,2-Dichloroethene

Concen: 263.058 ug/L

RT: 3.899 min Scan# 81

Delta R.T. -0.000 min

Lab File: VV028190.D

Acq: 29 Sep 2022 16:35

Instrument :

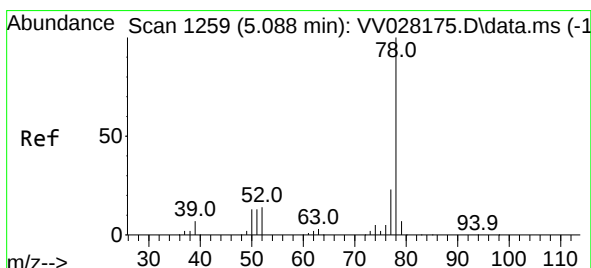
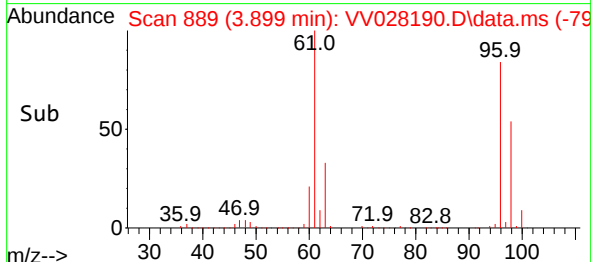
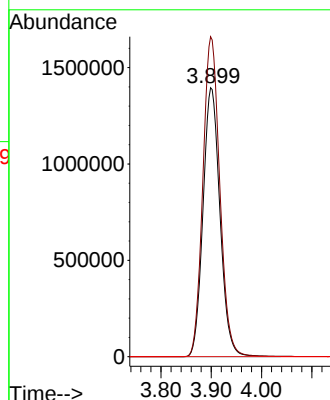
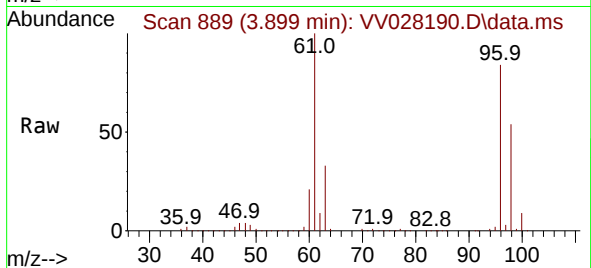
MSVOA_V

ClientSampleId :

EXFS4

Tgt Ion: 96 Resp: 3260593

Ion	Ratio	Lower	Upper
96	100		
61	119.0	87.2	161.9
68	0.0	0.0	0.0



#33

Benzene

Concen: 0.408 ug/L

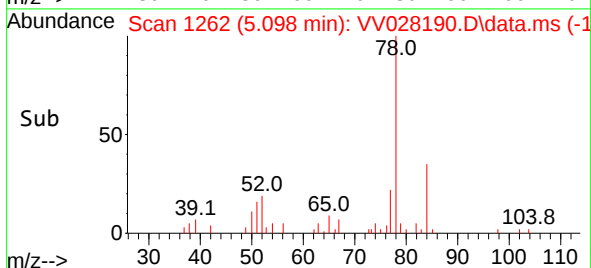
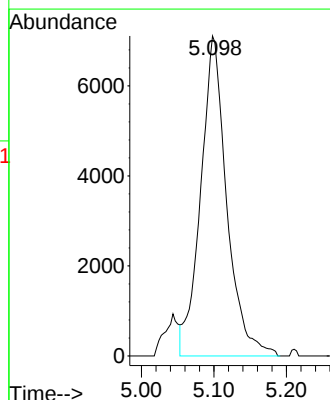
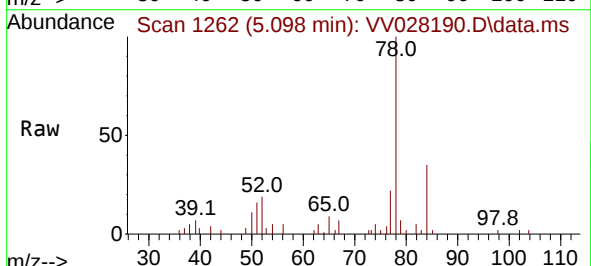
RT: 5.098 min Scan# 1262

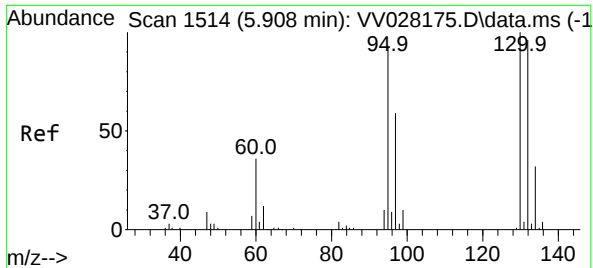
Delta R.T. 0.010 min

Lab File: VV028190.D

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Tgt Ion: 78 Resp: 17774





#34
 Trichloroethene
 Concen: 0.241 ug/L
 RT: 5.924 min Scan# 11
 Delta R.T. 0.019 min
 Lab File: VV028190.D
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Instrument :
 MSVOA_V
 ClientSampleId :
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Tgt Ion: 95 Resp: 2616

Ion	Ratio	Lower	Upper
95	100		
97	45.2	44.2	82.0
132	72.3	67.8	126.0
130	85.9	68.8	127.8

