

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120922\
 Data File : VW029560.D
 Acq On : 10 Dec 2022 06:38
 Operator : SY/MD
 Sample : N5929-08
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXZA6

Quant Time: Dec 10 07:01:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 10 00:41:04 2022
 Response via : Initial Calibration

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

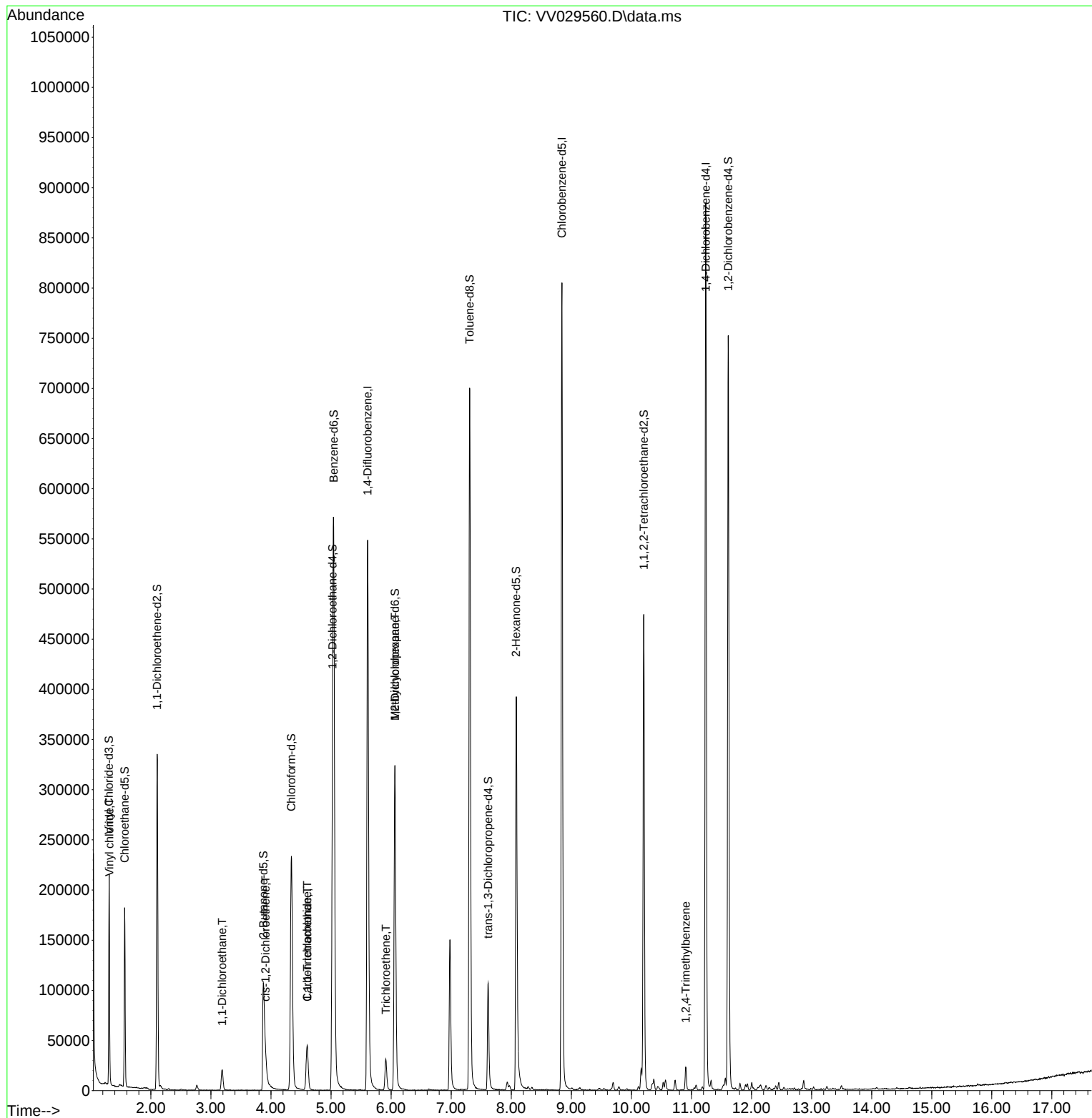
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	506149	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	464792	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	241062	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	130441	42.085	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	84.180%		
7) Chloroethane-d5	1.564	69	113205	47.899	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	95.800%		
11) 1,1-Dichloroethene-d2	2.105	63	173551	35.900	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	71.800%		
21) 2-Butanone-d5	3.873	46	177097	93.665	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	93.670%		
24) Chloroform-d	4.339	84	253280	43.425	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.860%		
26) 1,2-Dichloroethane-d4	5.024	65	153767	46.160	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.320%		
32) Benzene-d6	5.043	84	552909	45.020	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.040%		
36) 1,2-Dichloropropane-d6	6.063	67	169663	45.227	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	90.460%		
41) Toluene-d8	7.307	98	491243	42.452	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	84.900%		
43) trans-1,3-Dichloroprop...	7.616	79	64844	34.231	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	68.460%		
47) 2-Hexanone-d5	8.082	63	149338	93.224	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	93.220%		
56) 1,1,2,2-Tetrachloroeth...	10.207	84	236525	44.122	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	88.240%		
66) 1,2-Dichlorobenzene-d4	11.612	152	199327	43.437	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.880%		
Target Compounds						Qvalue
5) Vinyl chloride	1.310	62	3860	1.015	ug/L #	41
19) 1,1-Dichloroethane	3.188	63	22055	4.130	ug/L	99
20) cis-1,2-Dichloroethene	3.908	96	6771	1.975	ug/L	91
30) 1,1,1-Trichloroethane	4.603	97	38251	7.554	ug/L	98
31) Carbon tetrachloride	4.606	117	5126	1.159	ug/L	98
34) Trichloroethene	5.911	95	10695	3.258	ug/L	94
35) Methylcyclohexane	6.063	83	40751	7.309	ug/L #	21
63) 1,2,4-Trimethylbenzene	10.905	105	12947	1.044	ug/L	100

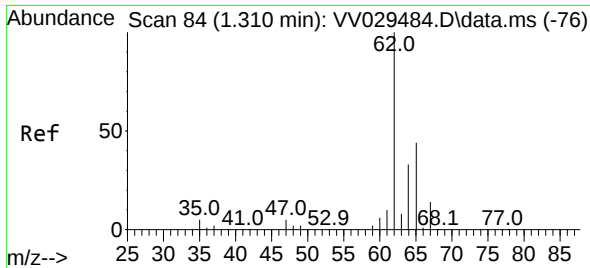
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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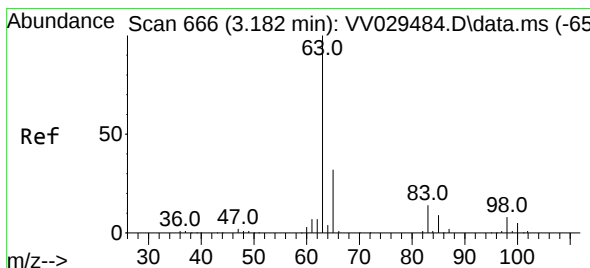
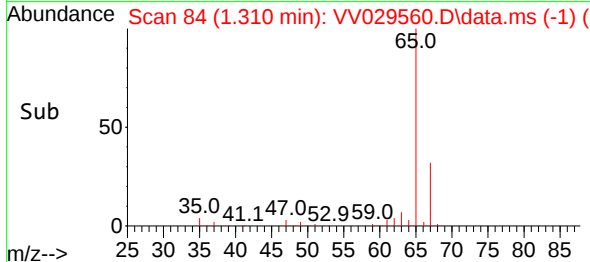
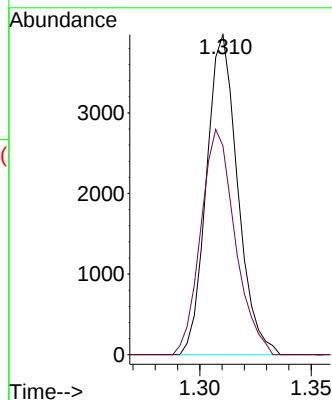
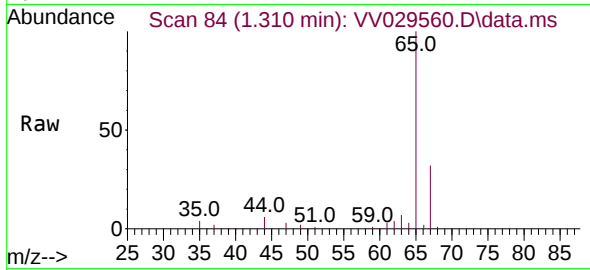




#5
 Vinyl chloride
 Concen: 1.015 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV029560.D
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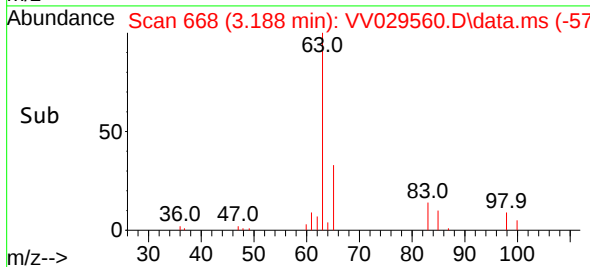
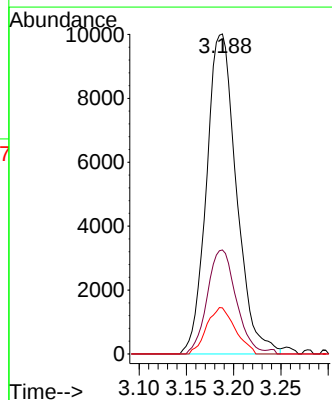
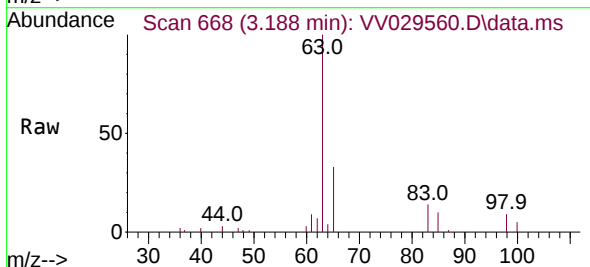
Instrument :
 MSVOA_V
 ClientSampleId :
 EXZA6

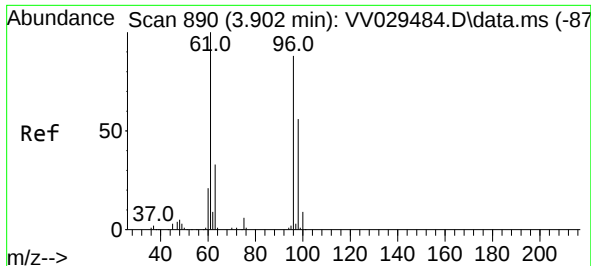
Tgt Ion: 62 Resp: 3860
 Ion Ratio Lower Upper
 62 100
 64 65.2 22.5 41.9#



#19
 1,1-Dichloroethane
 Concen: 4.130 ug/L
 RT: 3.188 min Scan# 668
 Delta R.T. 0.003 min
 Lab File: VV029560.D
 Acq: 10 Dec 2022 06:38

Tgt Ion: 63 Resp: 22055
 Ion Ratio Lower Upper
 63 100
 65 32.5 22.5 41.7
 83 14.4 10.4 19.2

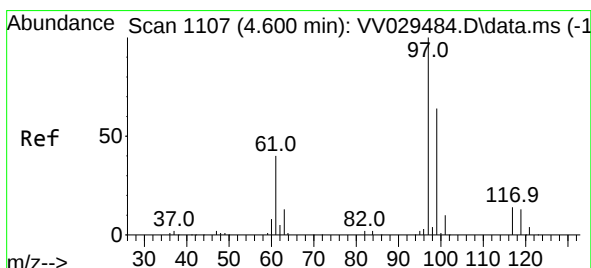
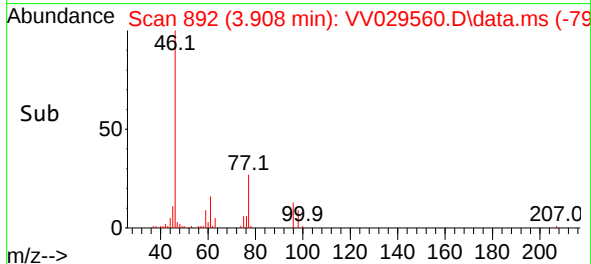
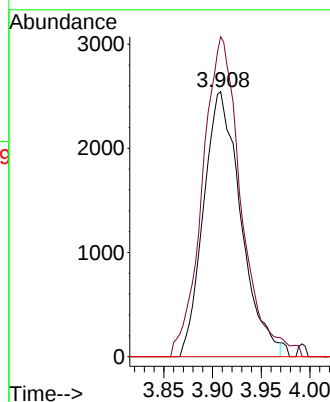
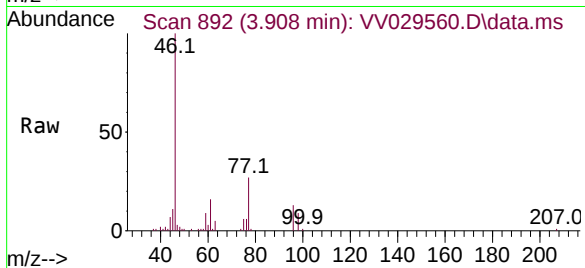




#20
 cis-1,2-Dichloroethene
 Concen: 1.975 ug/L
 RT: 3.908 min Scan# 891
 Delta R.T. 0.003 min
 Lab File: VV029560.D
 Acq: 10 Dec 2022 06:38

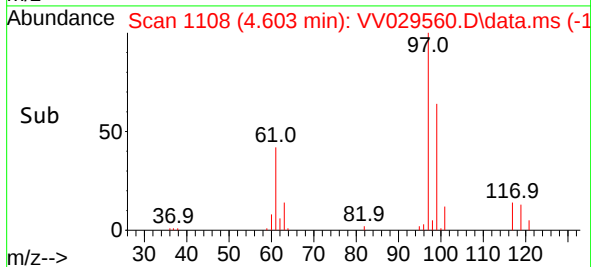
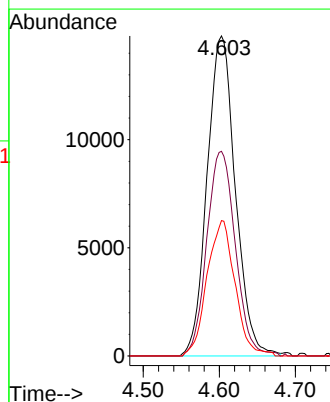
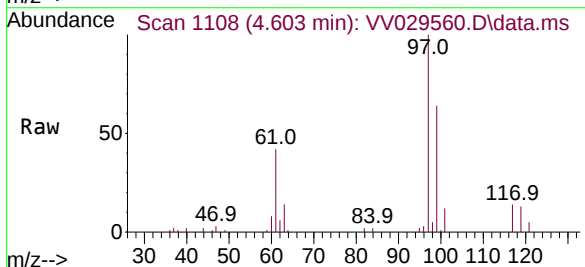
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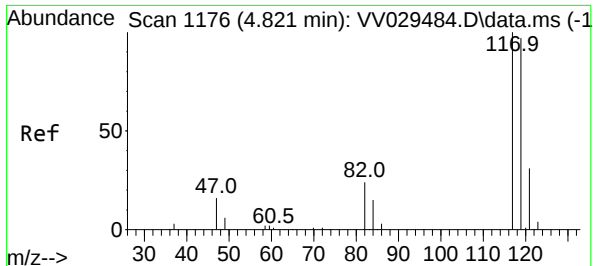
Tgt Ion: 96 Resp: 6771
 Ion Ratio Lower Upper
 96 100
 61 120.7 78.0 144.9
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 7.554 ug/L
 RT: 4.603 min Scan# 1108
 Delta R.T. 0.000 min
 Lab File: VV029560.D
 Acq: 10 Dec 2022 06:38

Tgt Ion: 97 Resp: 38251
 Ion Ratio Lower Upper
 97 100
 99 64.5 52.1 78.1
 61 41.9 31.8 47.8

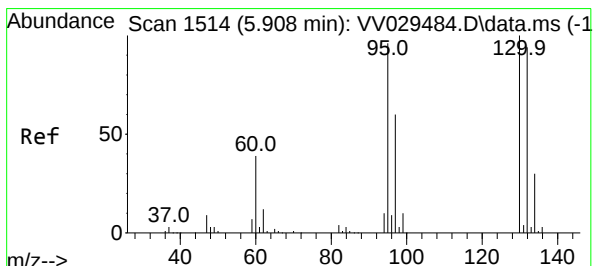
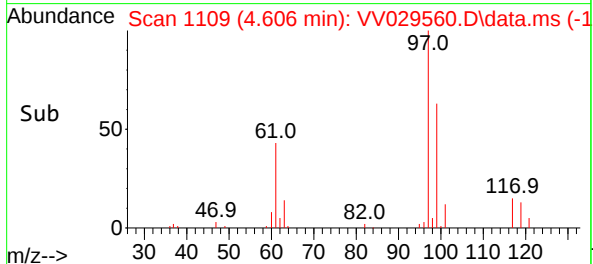
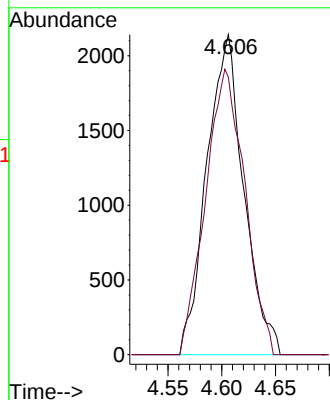
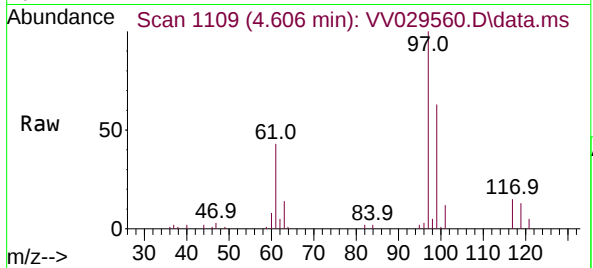




#31
Carbon tetrachloride
Concen: 1.159 ug/L
RT: 4.606 min Scan# 1176
Delta R.T. -0.219 min
Lab File: VV029560.D
Acq: 10 Dec 2022 06:38

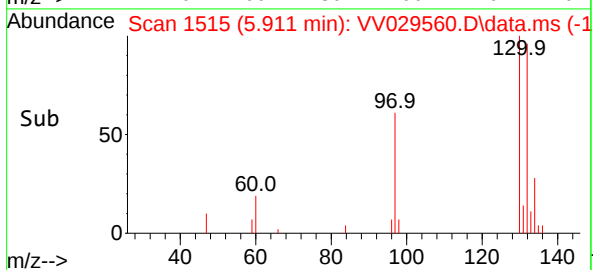
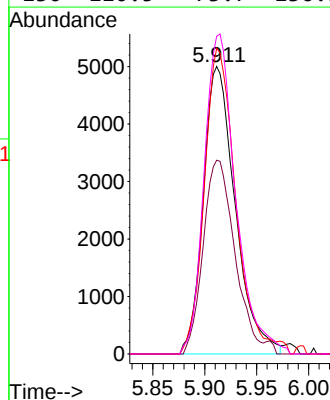
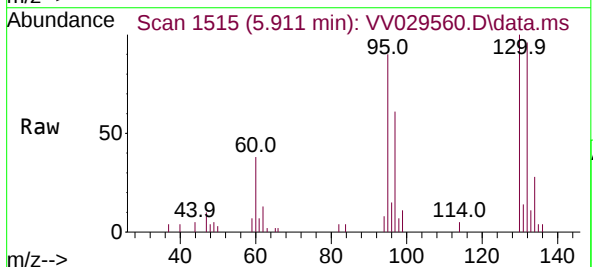
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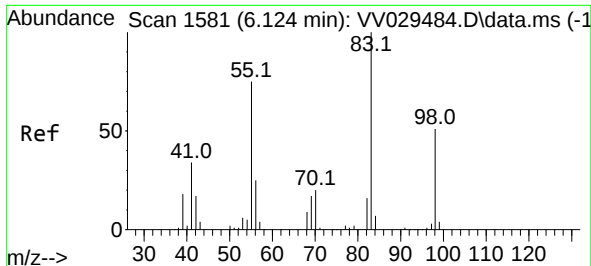
Tgt Ion:117 Resp: 5126
Ion Ratio Lower Upper
117 100
119 94.4 76.7 115.1



#34
Trichloroethene
Concen: 3.258 ug/L
RT: 5.911 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV029560.D
Acq: 10 Dec 2022 06:38

Tgt Ion: 95 Resp: 10695
Ion Ratio Lower Upper
95 100
97 67.4 44.0 81.8
132 106.4 69.9 129.9
130 110.5 73.7 136.9

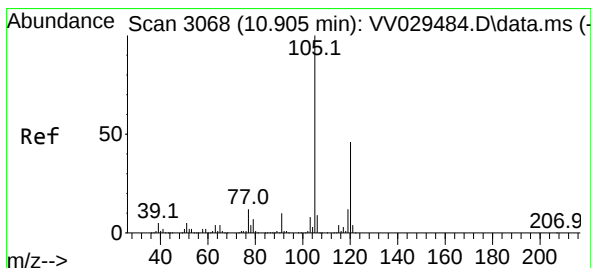
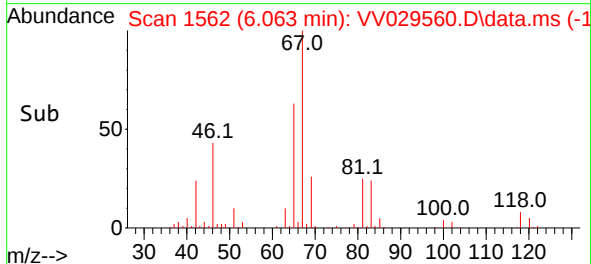
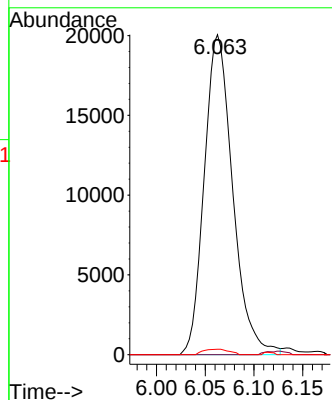
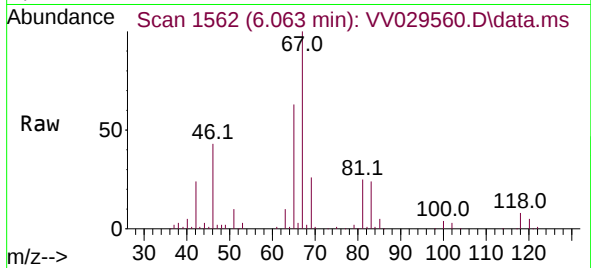




#35
Methylcyclohexane
Concen: 7.309 ug/L
RT: 6.063 min Scan# 1
Delta R.T. -0.064 min
Lab File: VV029560.D
Acq: 10 Dec 2022 06:38

Instrument :
MSVOA_V
ClientSampleId :
EXZA6

Tgt Ion: 83 Resp: 40751
Ion Ratio Lower Upper
83 100
55 0.0 55.5 83.3#
98 1.5 39.8 59.8#



#63
1,2,4-Trimethylbenzene
Concen: 1.044 ug/L
RT: 10.905 min Scan# 3068
Delta R.T. 0.000 min
Lab File: VV029560.D
Acq: 10 Dec 2022 06:38

Tgt Ion: 105 Resp: 12947
Ion Ratio Lower Upper
105 100
120 46.1 36.7 55.1

