

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111621\
 Data File : VW023560.D
 Acq On : 17 Nov 2021 01:57
 Operator : SY/MD
 Sample : M4627-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4670

Quant Time: Nov 17 03:42:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 17 02:49:39 2021
 Response via : Initial Calibration

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

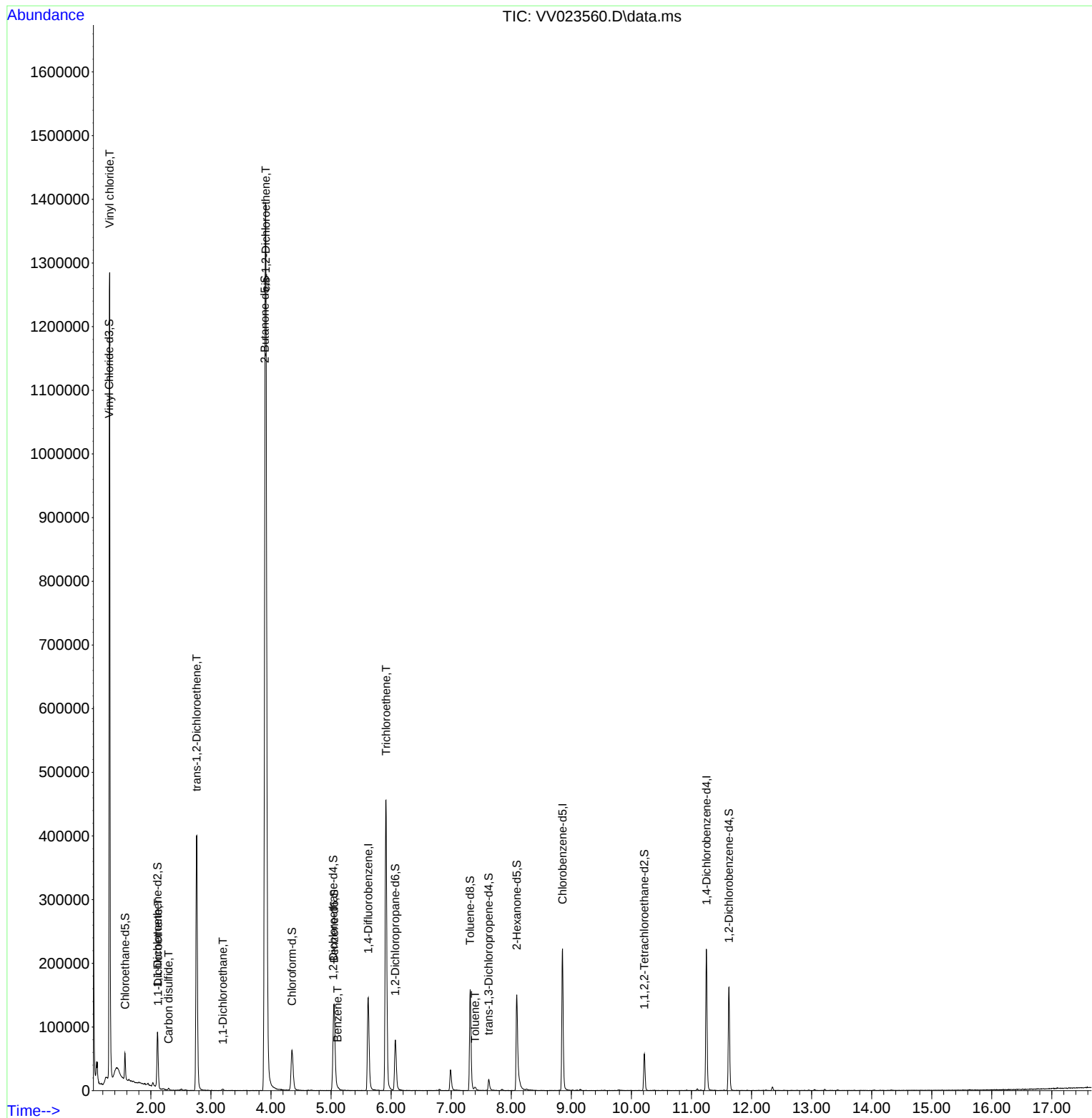
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	131887	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	124780	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	59242	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	33100	4.006	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	80.200%	
7) Chloroethane-d5	1.571	69	24458	3.632	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	72.600%	
11) 1,1-Dichloroethene-d2	2.111	63	41925	2.711	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	54.200%#	
20) 2-Butanone-d5	3.899	46	78288	54.999	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	110.000%	
24) Chloroform-d	4.349	84	66093	3.754	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	75.000%	
26) 1,2-Dichloroethane-d4	5.037	65	33225	4.196	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.000%	
32) Benzene-d6	5.053	84	120861	3.775	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	75.400%	
36) 1,2-Dichloropropane-d6	6.069	67	38031	4.035	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	80.800%	
41) Toluene-d8	7.317	98	107634	3.588	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	71.800%	
43) trans-1,3-Dichloroprop...	7.625	79	10394	2.908	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	58.200%	
46) 2-Hexanone-d5	8.092	63	50823	38.653	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	77.300%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	27101	3.999	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	80.000%	
66) 1,2-Dichlorobenzene-d4	11.625	152	43441	4.404	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	88.000%	
Target Compounds						Qvalue
5) Vinyl chloride	1.314	62	763588	69.925	ug/L	100
12) 1,1-Dichloroethene	2.121	96	4042	0.514	ug/L #	1
14) Carbon disulfide	2.294	76	3123	0.105	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	154578	15.988	ug/L	96
19) 1,1-Dichloroethane	3.198	63	2400	0.147	ug/L	91
22) cis-1,2-Dichloroethene	3.912	96	790092	84.915	ug/L #	91
33) Benzene	5.108	78	3335	0.096	ug/L	100
34) Trichloroethene	5.915	95	152901	16.486	ug/L	98
42) Toluene	7.397	91	4189	0.112	ug/L	95

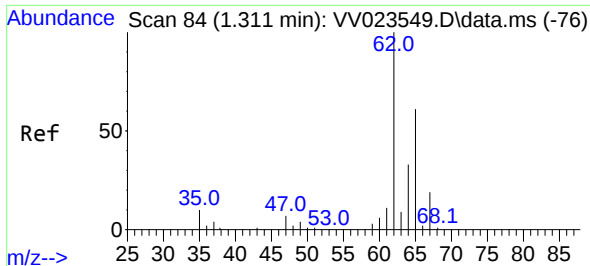
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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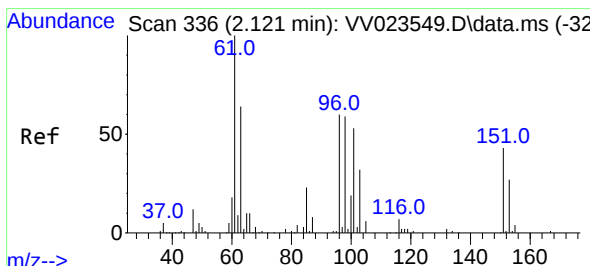
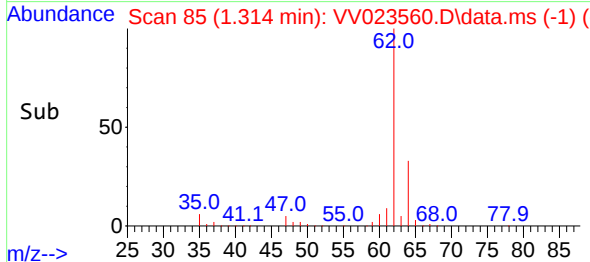
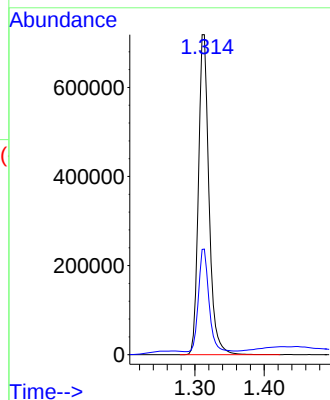
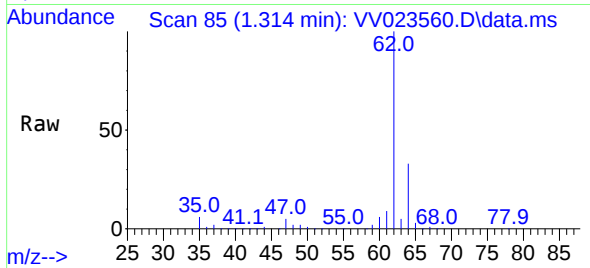




#5
 Vinyl chloride
 Concen: 69.925 ug/L
 RT: 1.314 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV023560.D
 Acq: 17 Nov 2021 01:57

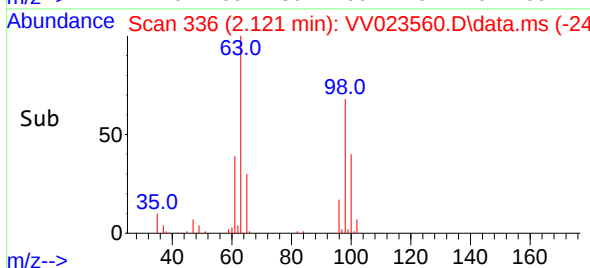
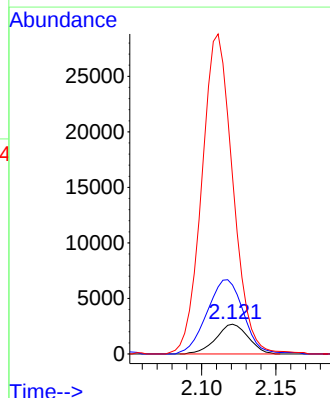
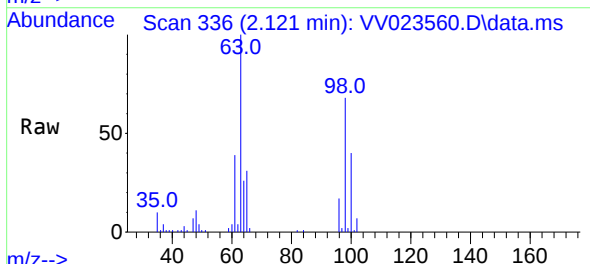
Instrument :
 MSVOA_V
 ClientSampleId :
 H4670

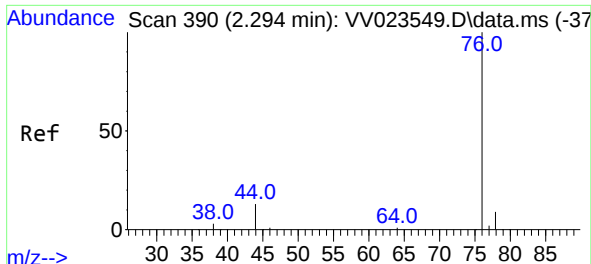
Tgt Ion: 62 Resp: 763588
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.1 42.9



#12
 1,1-Dichloroethene
 Concen: 0.514 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. -0.000 min
 Lab File: VV023560.D
 Acq: 17 Nov 2021 01:57

Tgt Ion: 96 Resp: 4042
 Ion Ratio Lower Upper
 96 100
 61 231.5 121.5 225.7#
 63 595.1 99.6 185.0#

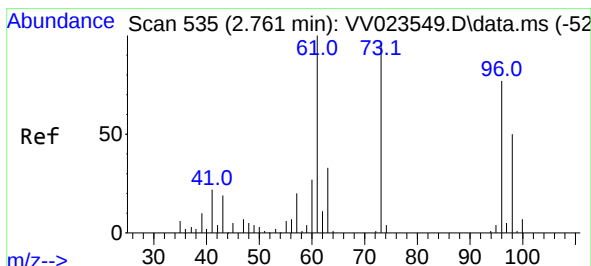
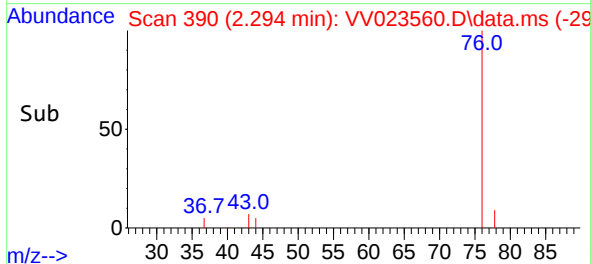
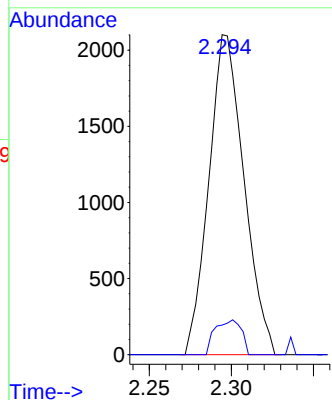
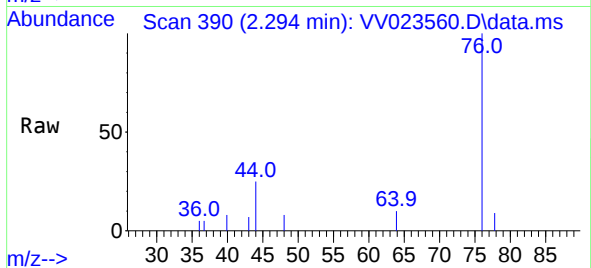




#14
Carbon disulfide
Concen: 0.105 ug/L
RT: 2.294 min Scan# 390
Delta R.T. -0.000 min
Lab File: VV023560.D
Acq: 17 Nov 2021 01:57

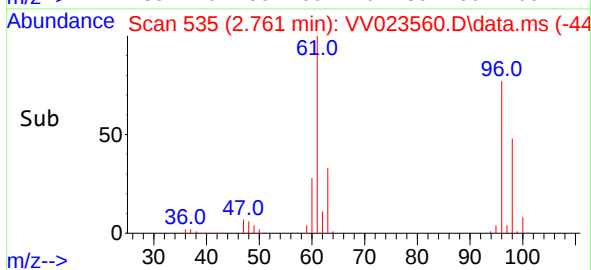
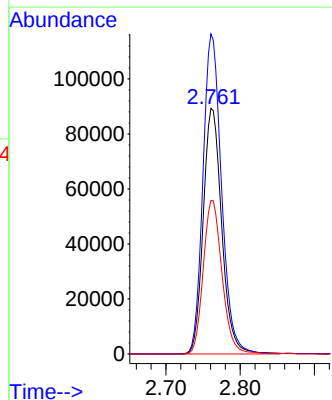
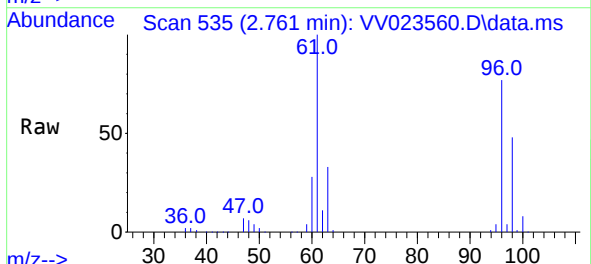
Instrument :
MSVOA_V
ClientSampleId :
H4670

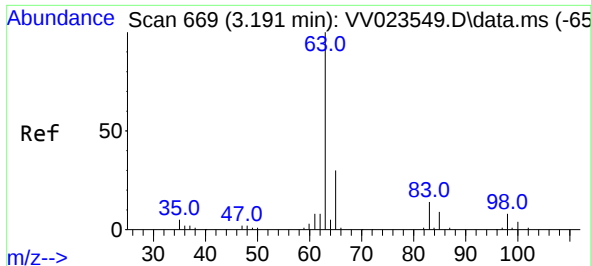
Tgt Ion: 76 Resp: 3123
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8



#18
trans-1,2-Dichloroethene
Concen: 15.988 ug/L
RT: 2.761 min Scan# 535
Delta R.T. -0.000 min
Lab File: VV023560.D
Acq: 17 Nov 2021 01:57

Tgt Ion: 96 Resp: 154578
Ion Ratio Lower Upper
96 100
61 130.3 93.2 173.2
98 62.5 47.0 87.2

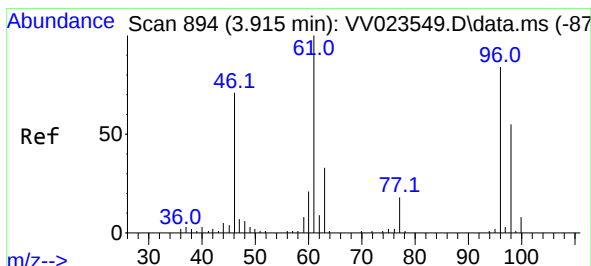
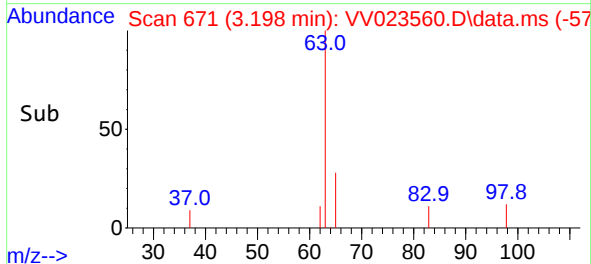
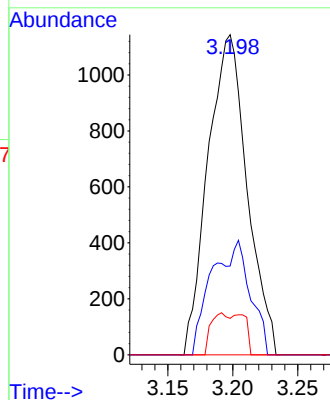
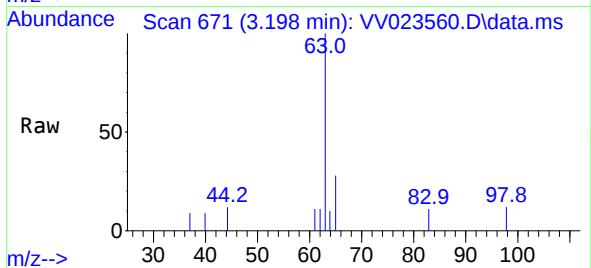




#19
1,1-Dichloroethane
Concen: 0.147 ug/L
RT: 3.198 min Scan# 61
Delta R.T. 0.006 min
Lab File: VV023560.D
Acq: 17 Nov 2021 01:57

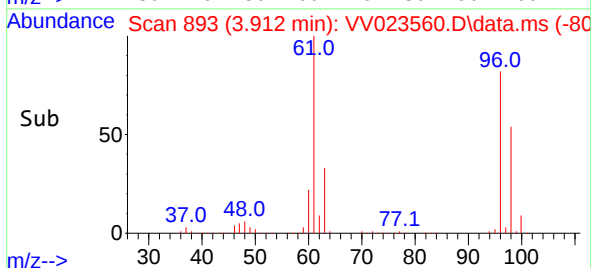
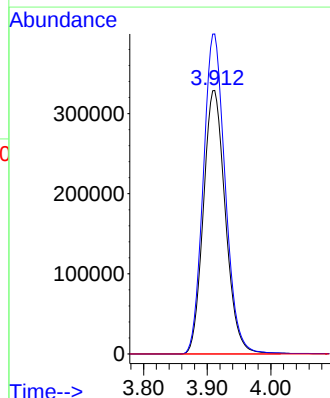
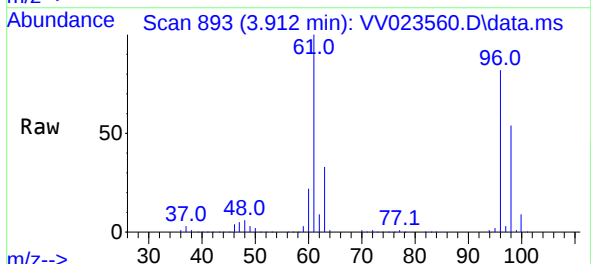
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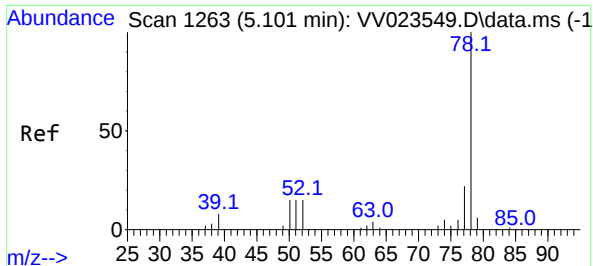
Tgt Ion: 63 Resp: 2400
Ion Ratio Lower Upper
63 100
65 27.7 22.6 42.0
83 11.4 11.1 20.7



#22
cis-1,2-Dichloroethene
Concen: 84.915 ug/L
RT: 3.912 min Scan# 893
Delta R.T. -0.003 min
Lab File: VV023560.D
Acq: 17 Nov 2021 01:57

Tgt Ion: 96 Resp: 790092
Ion Ratio Lower Upper
96 100
61 121.4 92.3 171.3
68 0.0 0.4 0.8

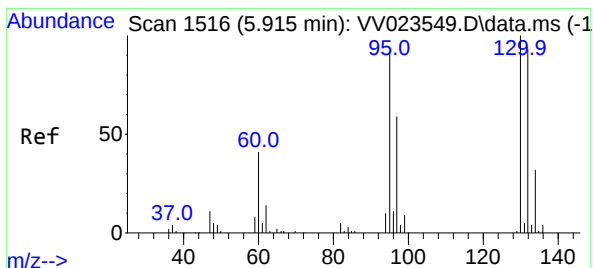
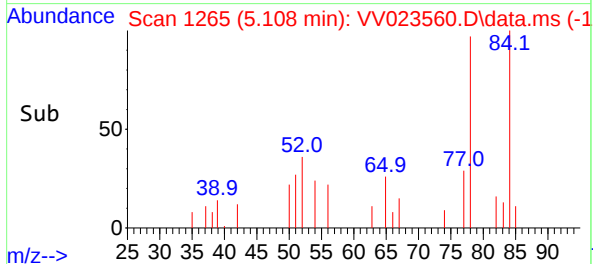
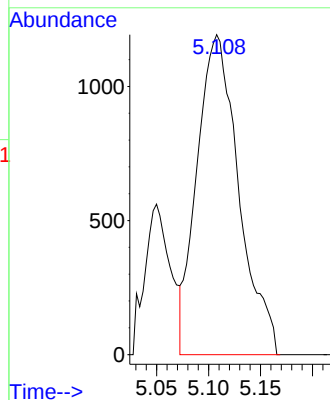
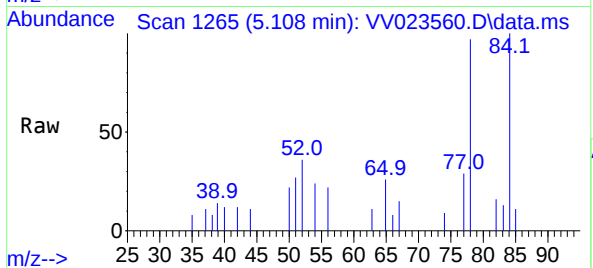




#33
Benzene
Concen: 0.096 ug/L
RT: 5.108 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV023560.D
Acq: 17 Nov 2021 01:57

Instrument :
MSVOA_V
ClientSampleId :
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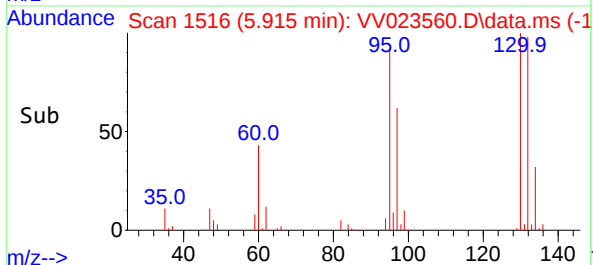
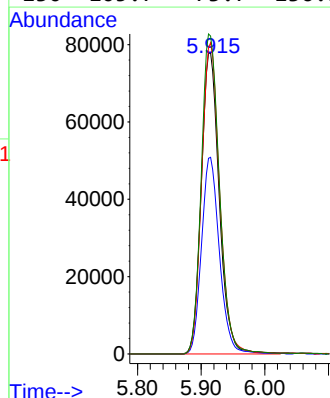
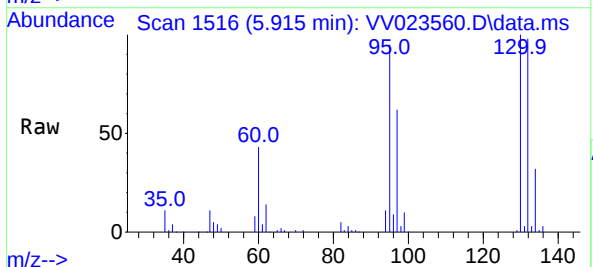
Tgt Ion: 78 Resp: 3335

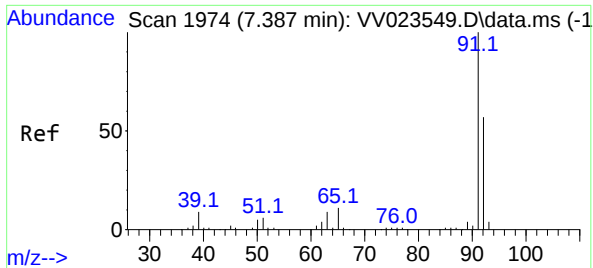


#34
Trichloroethene
Concen: 16.486 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VV023560.D
Acq: 17 Nov 2021 01:57

Tgt Ion: 95 Resp: 152901

Ion	Ratio	Lower	Upper
95	100		
97	65.3	45.0	83.6
132	103.4	69.7	129.4
130	105.7	73.7	136.9





#42
Toluene
Concen: 0.112 ug/L
RT: 7.397 min Scan# 19
Delta R.T. 0.010 min
Lab File: VV023560.D
Acq: 17 Nov 2021 01:57

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Tgt Ion: 91 Resp: 4189

Ion	Ratio	Lower	Upper
91	100		
92	59.9	39.3	72.9

