

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112621\
 Data File : VW023724.D
 Acq On : 26 Nov 2021 14:35
 Operator : SY/MD
 Sample : M4821-02DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4643DL

Quant Time: Nov 27 03:53:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 27 03:48:32 2021
 Response via : Initial Calibration

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

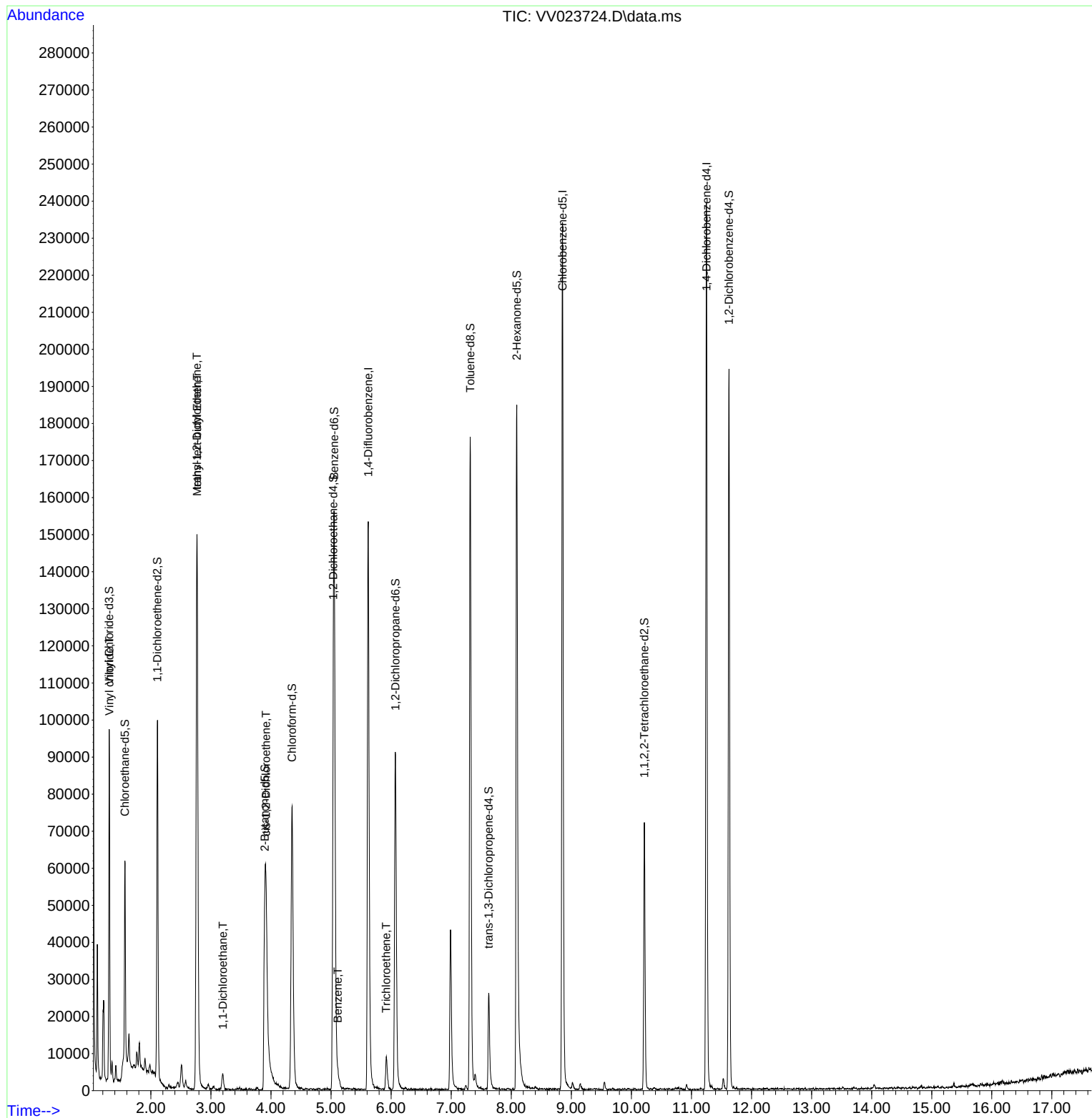
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	137109	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	133181	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	63842	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	33829	3.006	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	60.200%	
7) Chloroethane-d5	1.568	69	31939	3.610	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	72.200%	
11) 1,1-Dichloroethene-d2	2.108	63	48385	2.439	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	48.800%#	
20) 2-Butanone-d5	3.895	46	85565	63.237	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	126.480%	
24) Chloroform-d	4.352	84	77832	3.971	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	79.400%	
26) 1,2-Dichloroethane-d4	5.037	65	39097	4.270	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.400%	
32) Benzene-d6	5.053	84	141310	3.895	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	78.000%	
36) 1,2-Dichloropropane-d6	6.072	67	43959	4.322	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	86.400%	
41) Toluene-d8	7.317	98	118785	3.504	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	70.000%	
43) trans-1,3-Dichloroprop...	7.625	79	16249	3.963	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	79.200%	
46) 2-Hexanone-d5	8.091	63	66265	48.648	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	97.300%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	31961	4.367	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	87.400%	
66) 1,2-Dichlorobenzene-d4	11.625	152	50597	4.483	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	89.600%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.310	62	4429	0.373	ug/L #	68
17) Methyl tert-butyl Ether	2.770	73	137482	7.303	ug/L	99
18) trans-1,2-Dichloroethene	2.767	96	6912	0.661	ug/L	98
19) 1,1-Dichloroethane	3.198	63	4244	0.241	ug/L	92
22) cis-1,2-Dichloroethene	3.918	96	16790	1.673	ug/L	95
33) Benzene	5.111	78	2712	0.071	ug/L	100
34) Trichloroethene	5.918	95	2848	0.280	ug/L	86

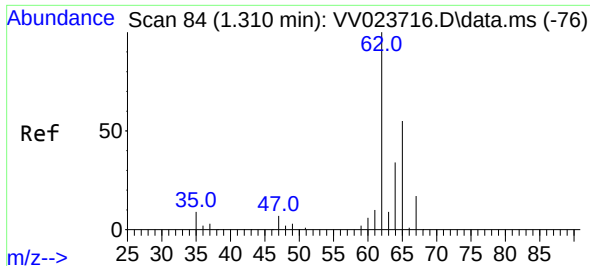
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Nov 27 03:48:32 2021
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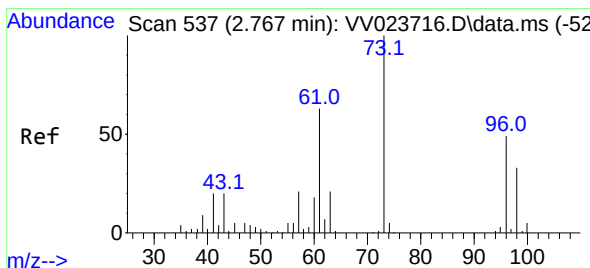
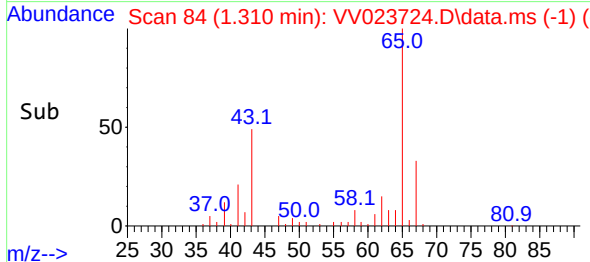
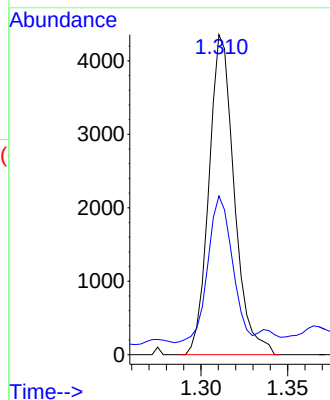
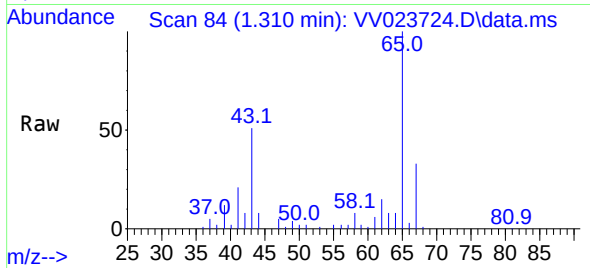




#5
 Vinyl chloride
 Concen: 0.373 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV023724.D
 Acq: 26 Nov 2021 14:35

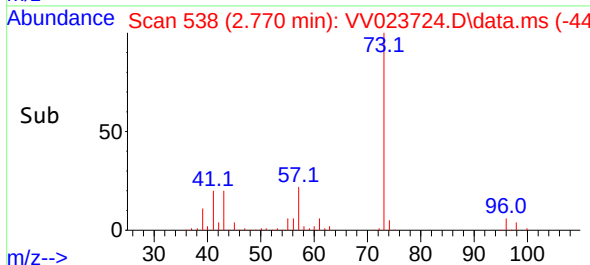
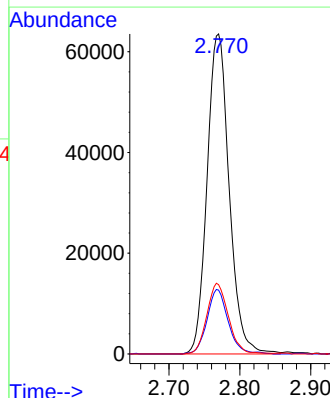
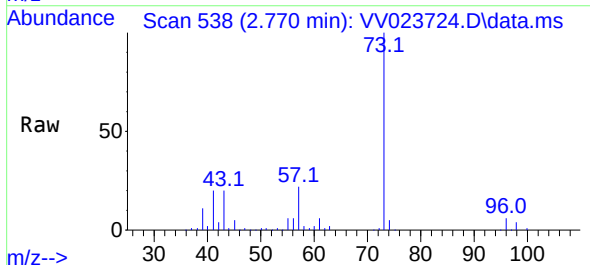
Instrument :
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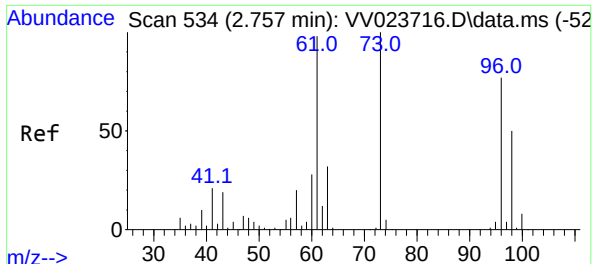
Tgt Ion: 62 Resp: 4429
 Ion Ratio Lower Upper
 62 100
 64 49.6 22.4 41.6#



#17
 Methyl tert-butyl Ether
 Concen: 7.303 ug/L
 RT: 2.770 min Scan# 538
 Delta R.T. 0.003 min
 Lab File: VV023724.D
 Acq: 26 Nov 2021 14:35

Tgt Ion: 73 Resp: 137482
 Ion Ratio Lower Upper
 73 100
 43 19.1 15.5 23.3
 57 21.6 17.1 25.7

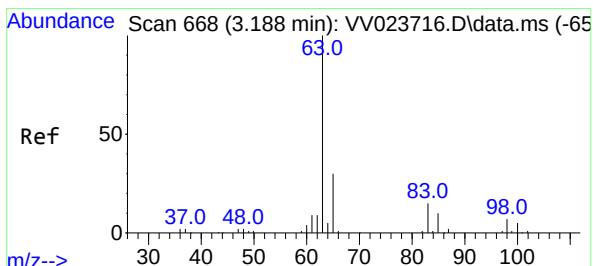
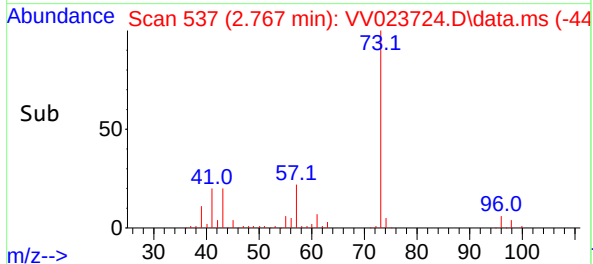
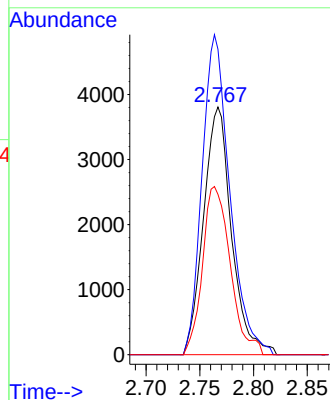
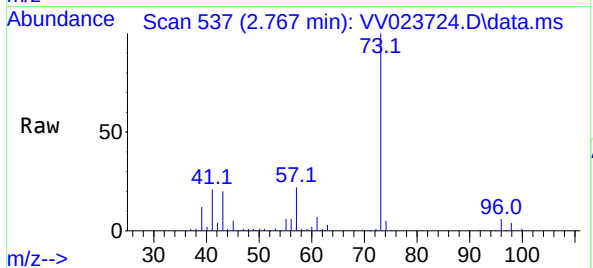




#18
trans-1,2-Dichloroethene
Concen: 0.661 ug/L
RT: 2.767 min Scan# 511
Delta R.T. 0.010 min
Lab File: VV023724.D
Acq: 26 Nov 2021 14:35

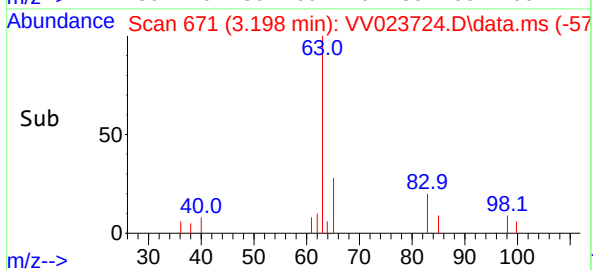
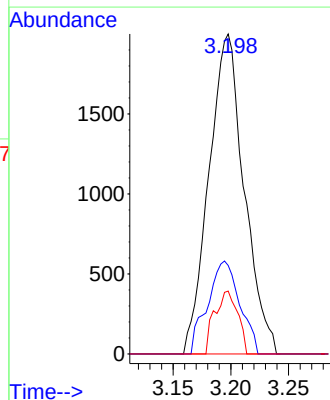
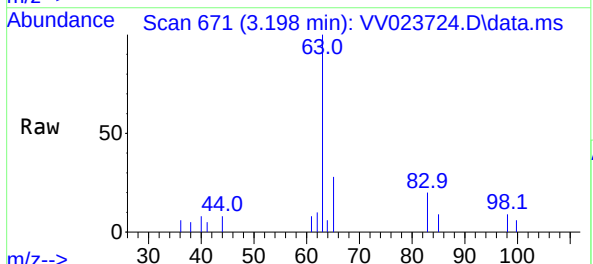
Instrument :
MSVOA_V
ClientSampleId :
H4643DL

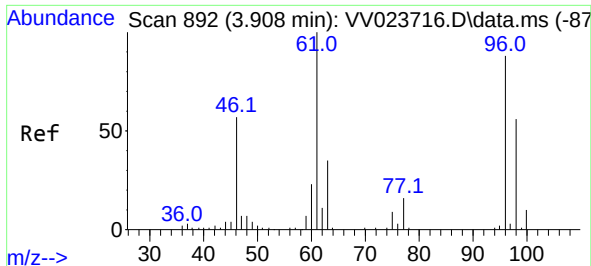
Tgt Ion: 96 Resp: 6912
Ion Ratio Lower Upper
96 100
61 123.3 88.2 163.8
98 64.7 44.9 83.5



#19
1,1-Dichloroethane
Concen: 0.241 ug/L
RT: 3.198 min Scan# 671
Delta R.T. 0.010 min
Lab File: VV023724.D
Acq: 26 Nov 2021 14:35

Tgt Ion: 63 Resp: 4244
Ion Ratio Lower Upper
63 100
65 27.6 22.3 41.3
83 19.6 10.7 19.9

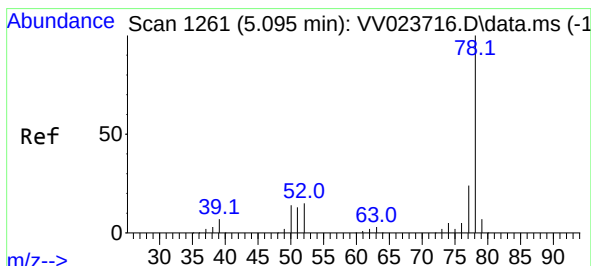
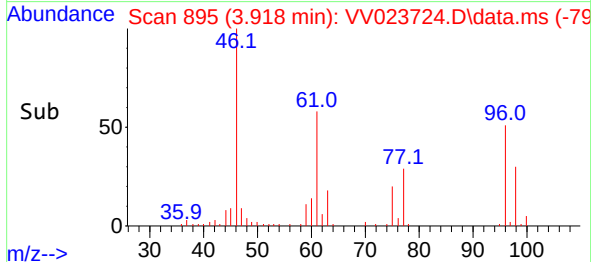
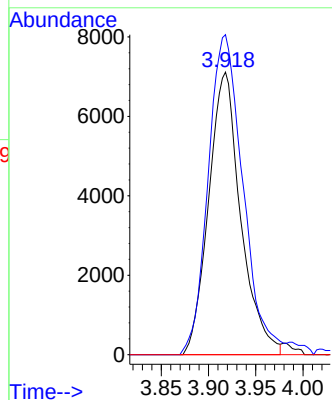
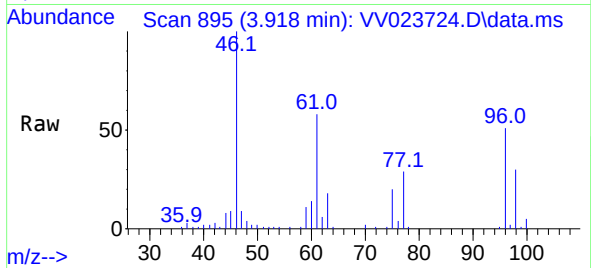




#22
 cis-1,2-Dichloroethene
 Concen: 1.673 ug/L
 RT: 3.918 min Scan# 895
 Delta R.T. 0.010 min
 Lab File: VV023724.D
 Acq: 26 Nov 2021 14:35

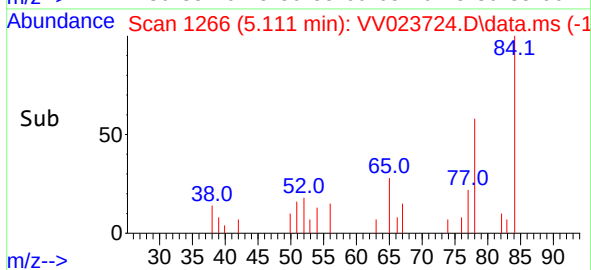
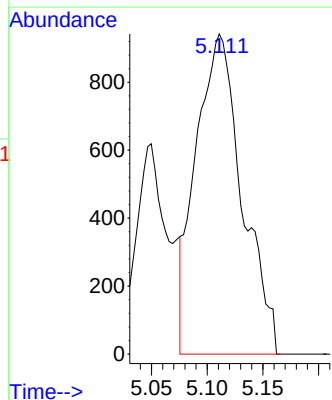
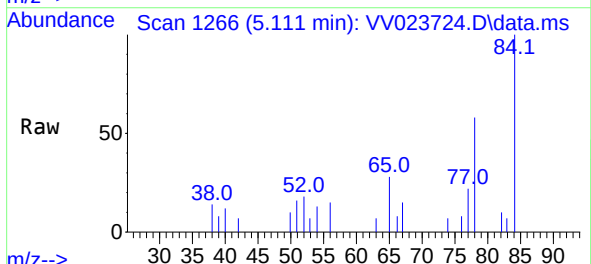
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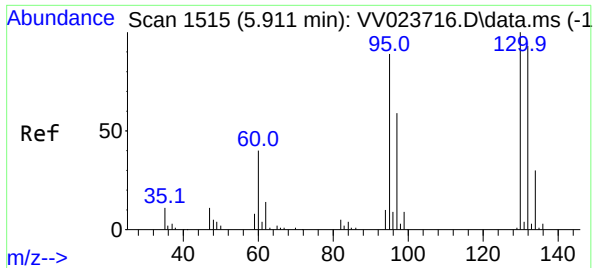
Tgt Ion: 96 Resp: 16790
 Ion Ratio Lower Upper
 96 100
 61 113.2 83.4 154.8
 68 0.0 0.0 0.0



#33
 Benzene
 Concen: 0.071 ug/L
 RT: 5.111 min Scan# 1266
 Delta R.T. 0.016 min
 Lab File: VV023724.D
 Acq: 26 Nov 2021 14:35

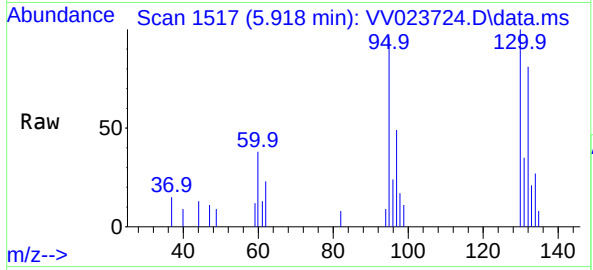
Tgt Ion: 78 Resp: 2712





#34
 Trichloroethene
 Concen: 0.280 ug/L
 RT: 5.918 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VV023724.D
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Instrument :
 MSVOA_V
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Tgt Ion: 95 Resp: 2848

Ion	Ratio	Lower	Upper
95	100		
97	51.0	45.2	84.0
132	84.3	76.1	141.3
130	104.0	75.4	140.0

