

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111522\
 Data File : VW028994.D
 Acq On : 15 Nov 2022 17:21
 Operator : SY/MD
 Sample : N5628-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COL14

Quant Time: Nov 16 03:20:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 16 03:16:14 2022
 Response via : Initial Calibration

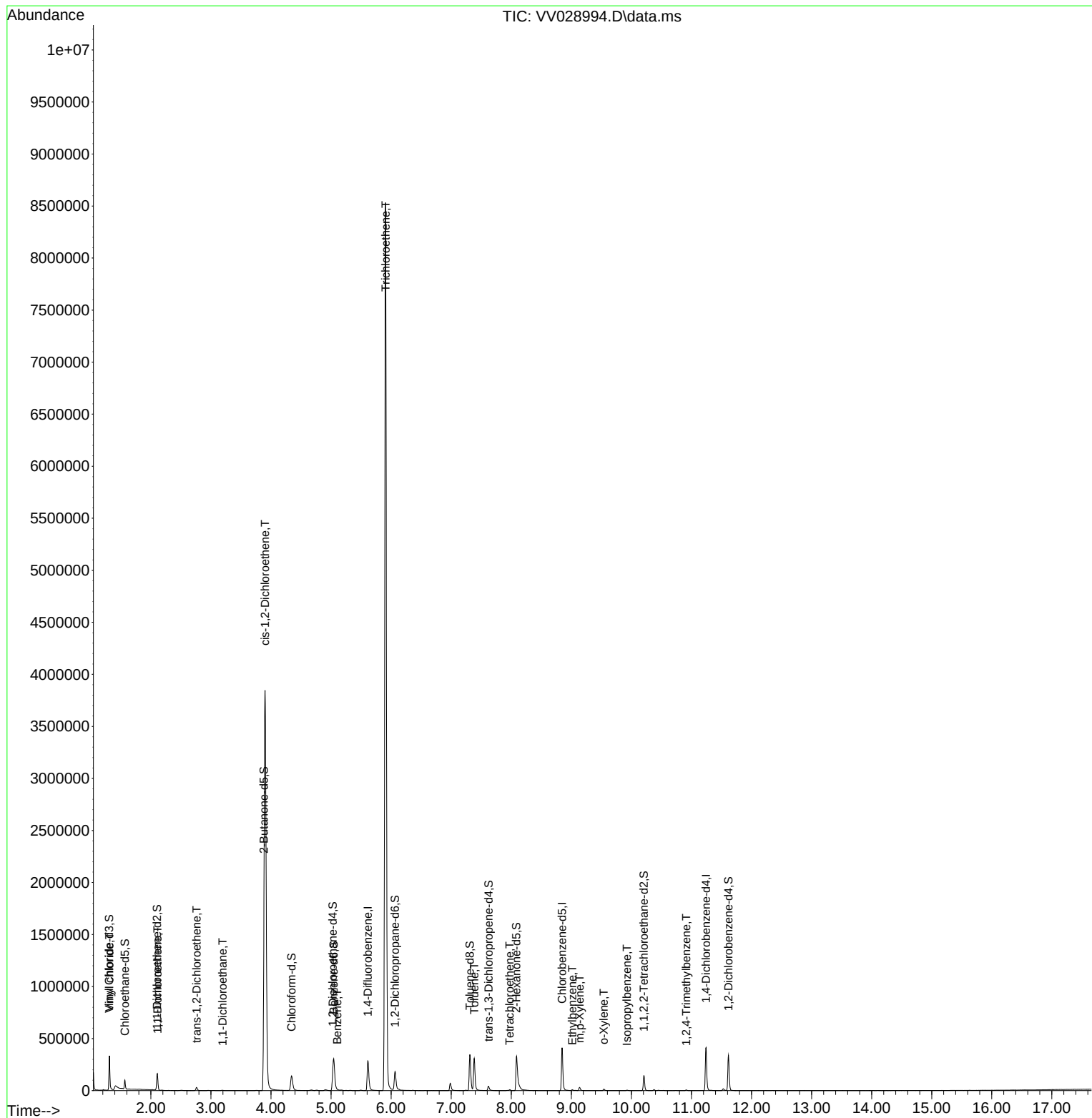
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	271547	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	250712	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	120044	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	49921	3.015	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	60.400%	
7) Chloroethane-d5	1.568	69	54465	3.742	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	74.800%	
11) 1,1-Dichloroethene-d2	2.105	63	77637	2.573	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	51.400%#	
20) 2-Butanone-d5	3.883	46	182964	66.023	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	132.040%#	
24) Chloroform-d	4.343	84	151777	4.466	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.400%	
26) 1,2-Dichloroethane-d4	5.027	65	71827	4.697	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.000%	
32) Benzene-d6	5.043	84	301520	4.029	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	80.600%	
36) 1,2-Dichloropropane-d6	6.066	67	93898	4.493	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	89.800%	
41) Toluene-d8	7.310	98	254444	3.777	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	75.600%	
43) trans-1,3-Dichloroprop...	7.622	79	25344	3.719	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	74.400%	
46) 2-Hexanone-d5	8.085	63	145040	49.857	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	99.720%	
56) 1,1,2,2-Tetrachloroeth...	10.210	84	72335	4.993	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	99.800%	
66) 1,2-Dichlorobenzene-d4	11.616	152	96438	4.490	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	89.800%	
Target Compounds						
5) Vinyl chloride	1.311	62	184123	8.592	ug/L	97
12) 1,1-Dichloroethene	2.114	96	5992	0.365	ug/L #	1
18) trans-1,2-Dichloroethene	2.761	96	11739	0.616	ug/L	95
19) 1,1-Dichloroethane	3.195	63	3924	0.126	ug/L	91
22) cis-1,2-Dichloroethene	3.902	96	2312116	119.288	ug/L	96
33) Benzene	5.101	78	6082	0.079	ug/L	100
34) Trichloroethene	5.908	95	2980426	151.956	ug/L	99
42) Toluene	7.384	91	247564	2.991	ug/L	100
47) Tetrachloroethene	7.976	164	2315	0.147	ug/L	80
52) Ethylbenzene	9.014	91	7101	0.082	ug/L	100
53) m,p-Xylene	9.140	106	10990	0.321	ug/L	91
54) o-Xylene	9.542	106	4741	0.146	ug/L	85
60) Isopropylbenzene	9.928	105	3810	0.049	ug/L	94
63) 1,2,4-Trimethylbenzene	10.915	105	4430	0.067	ug/L	89

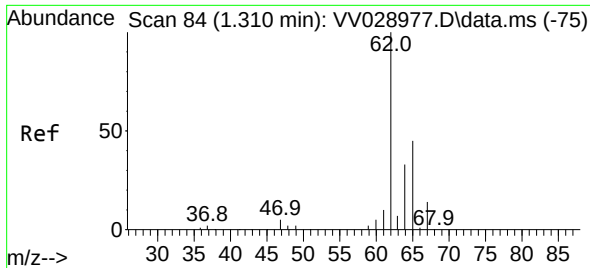
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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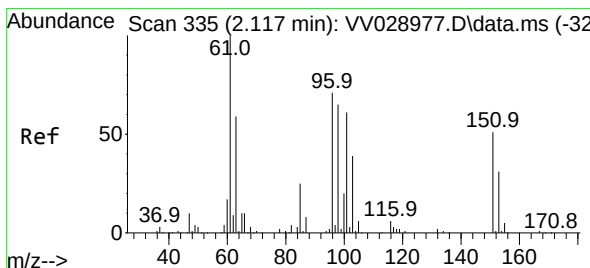
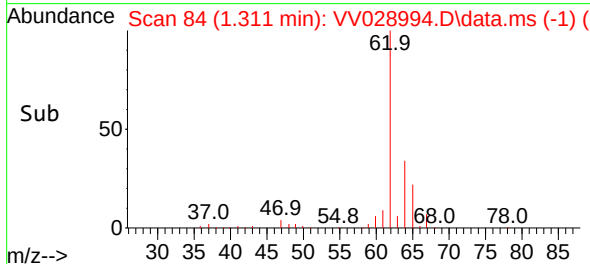
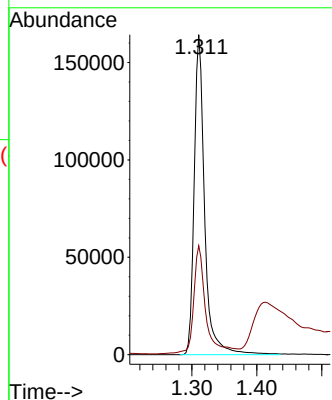
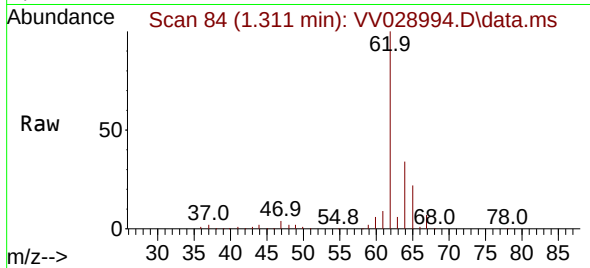




#5
 Vinyl chloride
 Concen: 8.592 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV028994.D
 Acq: 15 Nov 2022 17:21

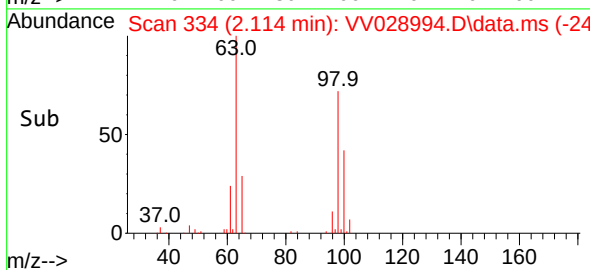
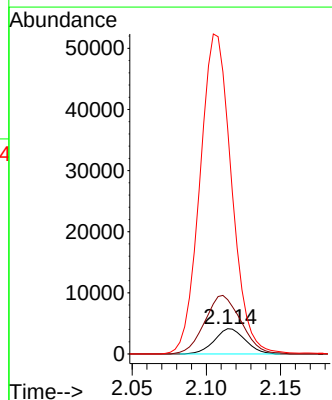
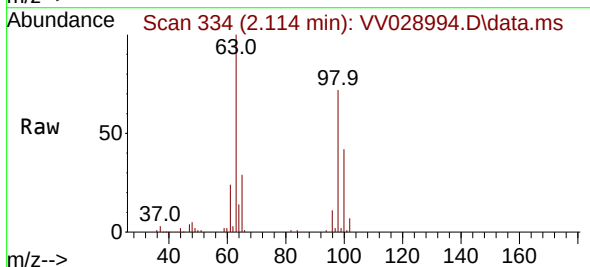
Instrument :
 MSVOA_V
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 COL14

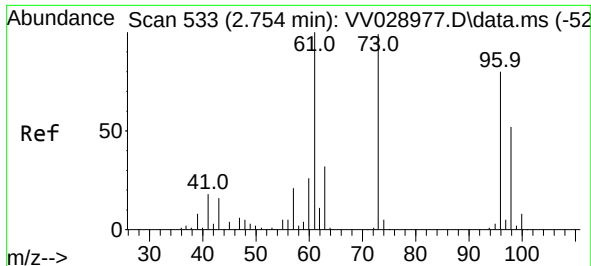
Tgt Ion: 62 Resp: 184123
 Ion Ratio Lower Upper
 62 100
 64 34.0 22.8 42.4



#12
 1,1-Dichloroethene
 Concen: 0.365 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.003 min
 Lab File: VV028994.D
 Acq: 15 Nov 2022 17:21

Tgt Ion: 96 Resp: 5992
 Ion Ratio Lower Upper
 96 100
 61 213.7 104.2 193.4#
 63 886.6 75.9 140.9#

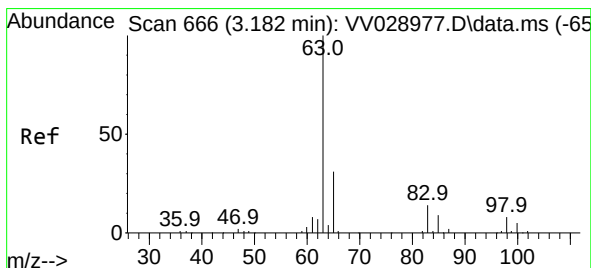
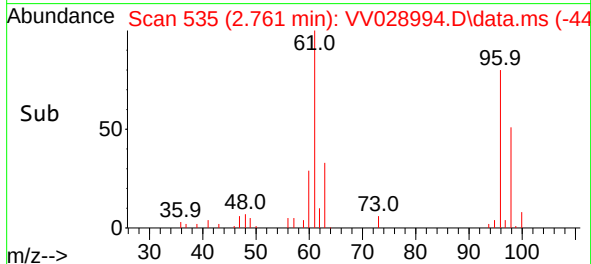
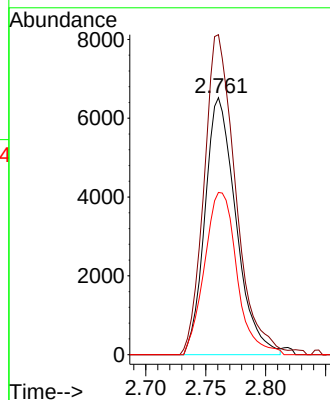
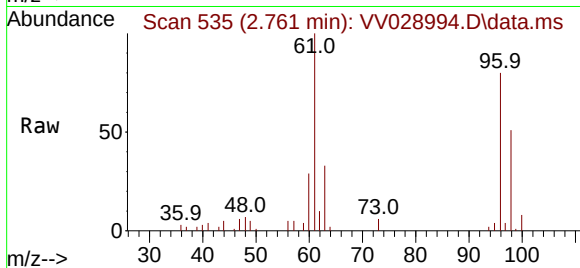




#18
 trans-1,2-Dichloroethene
 Concen: 0.616 ug/L
 RT: 2.761 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VV028994.D
 Acq: 15 Nov 2022 17:21

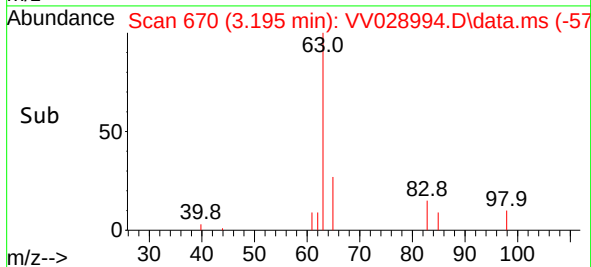
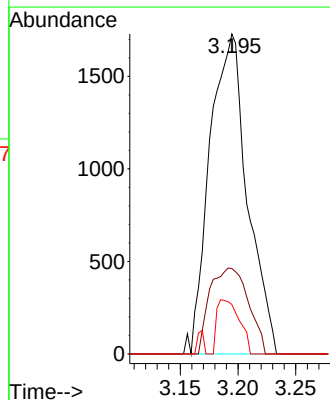
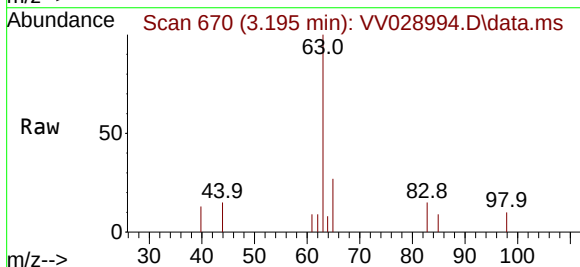
Instrument :
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 ClientSampleId :
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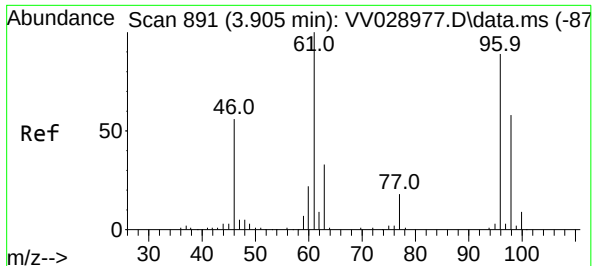
Tgt Ion:	96	Resp:	11739
Ion	Ratio	Lower	Upper
96	100		
61	124.6	91.8	170.6
98	63.2	46.4	86.2



#19
 1,1-Dichloroethane
 Concen: 0.126 ug/L
 RT: 3.195 min Scan# 670
 Delta R.T. 0.013 min
 Lab File: VV028994.D
 Acq: 15 Nov 2022 17:21

Tgt Ion:	63	Resp:	3924
Ion	Ratio	Lower	Upper
63	100		
65	26.7	23.0	42.6
83	15.4	9.4	17.6





#22

cis-1,2-Dichloroethene

Concen: 119.288 ug/L

RT: 3.902 min Scan# 891

Delta R.T. -0.003 min

Lab File: VV028994.D

Acq: 15 Nov 2022 17:21

Instrument :

MSVOA_V

ClientSampleId :

COL14

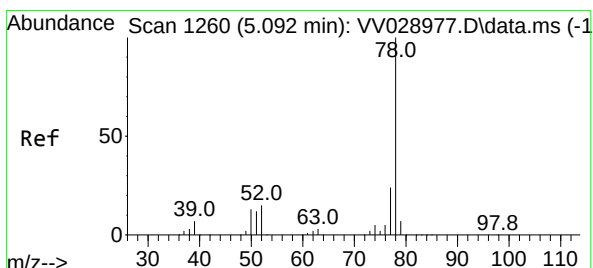
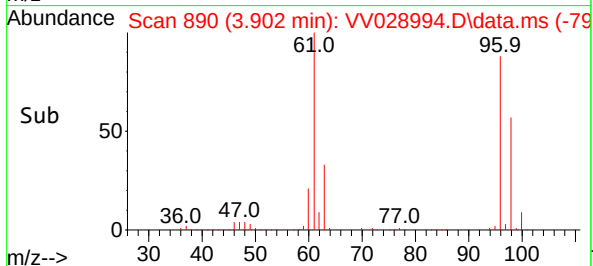
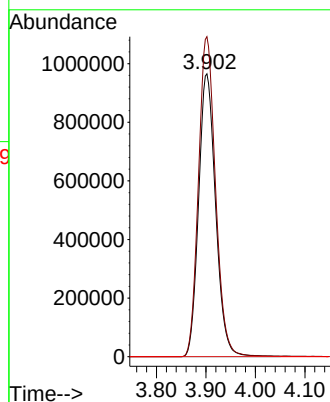
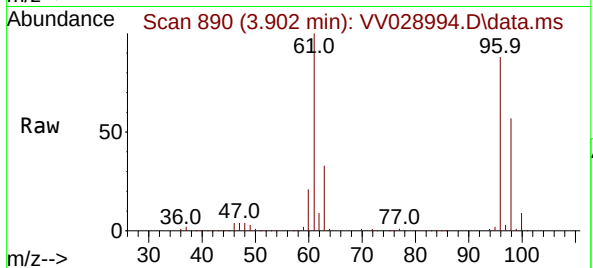
Tgt Ion: 96 Resp: 2312116

Ion Ratio Lower Upper

96 100

61 113.1 82.3 152.9

68 0.0 0.0 0.0



#33

Benzene

Concen: 0.079 ug/L

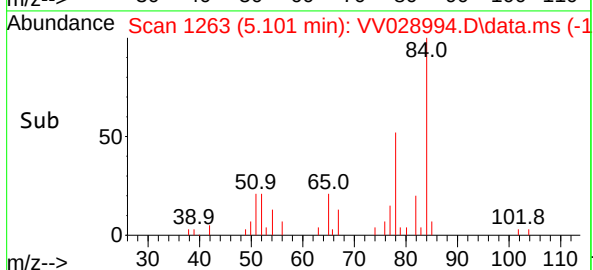
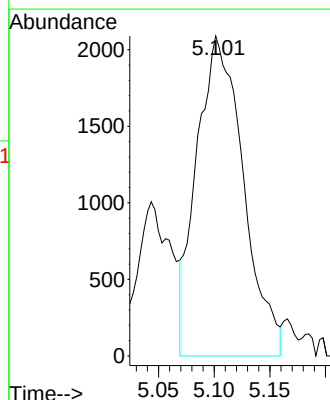
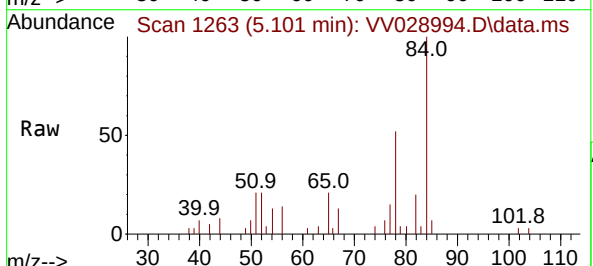
RT: 5.101 min Scan# 1263

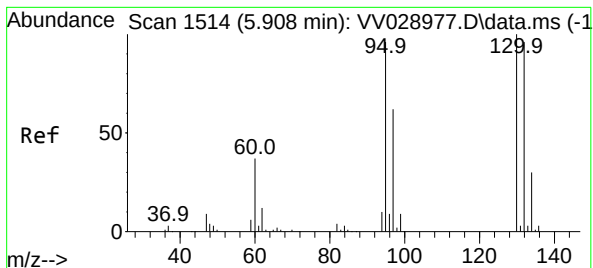
Delta R.T. 0.010 min

Lab File: VV028994.D

Acq: 15 Nov 2022 17:21

Tgt Ion: 78 Resp: 6082





#34

Trichloroethene

Concen: 151.956 ug/L

RT: 5.908 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV028994.D

Acq: 15 Nov 2022 17:21

Instrument :

MSVOA_V

ClientSampleId :

COL14

Tgt Ion: 95 Resp: 2980426

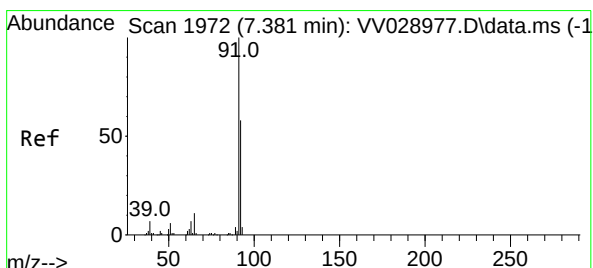
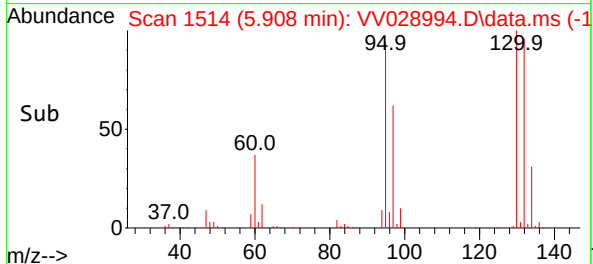
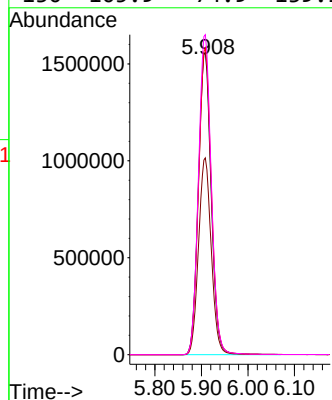
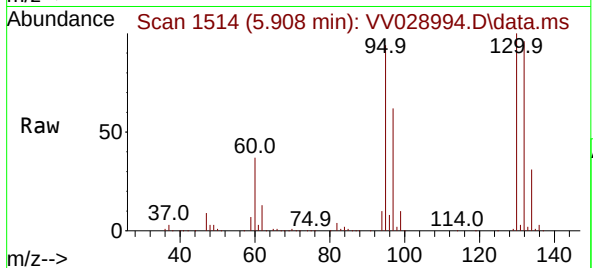
Ion Ratio Lower Upper

95 100

97 65.2 45.6 84.8

132 101.5 69.1 128.3

130 105.9 74.9 139.1



#42

Toluene

Concen: 2.991 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV028994.D

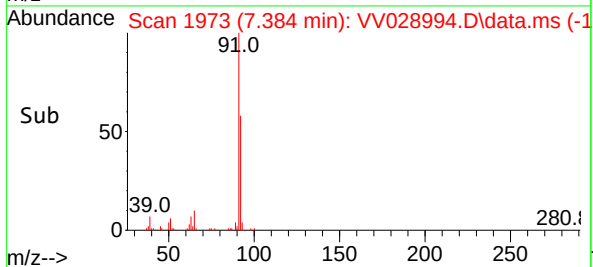
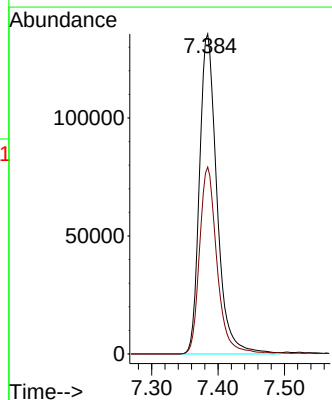
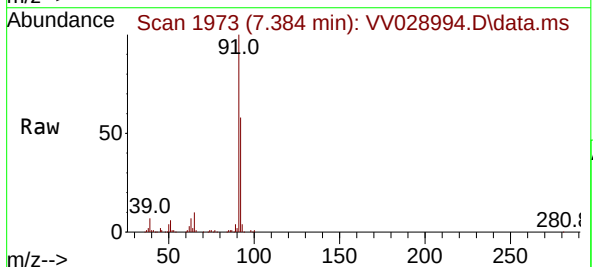
Acq: 15 Nov 2022 17:21

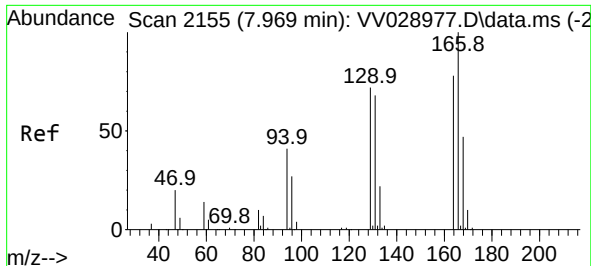
Tgt Ion: 91 Resp: 247564

Ion Ratio Lower Upper

91 100

92 58.4 40.7 75.5

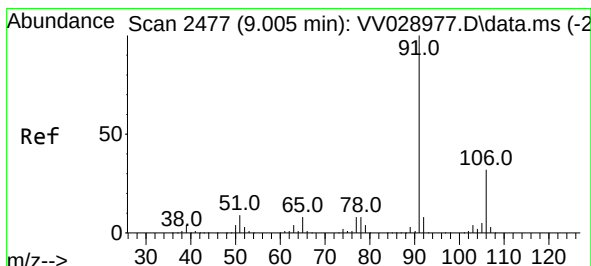
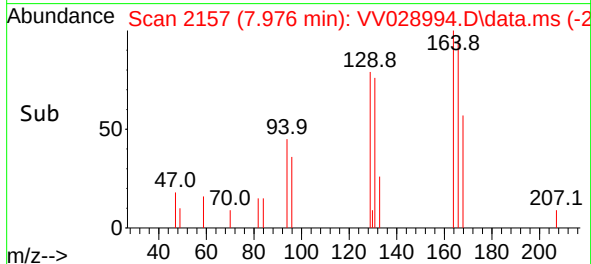
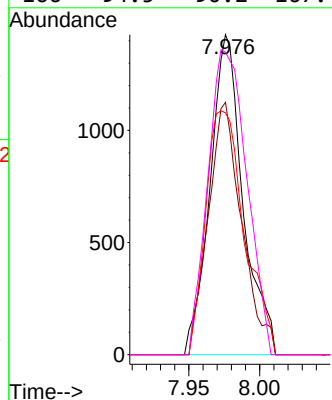
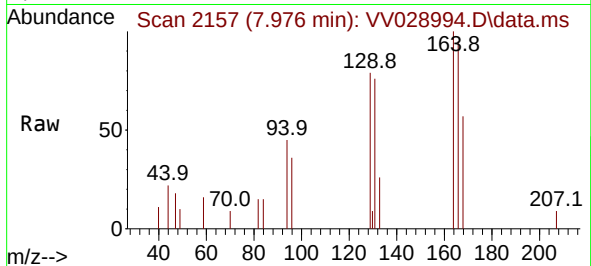




#47
Tetrachloroethene
Concen: 0.147 ug/L
RT: 7.976 min Scan# 2155
Delta R.T. 0.007 min
Lab File: VV028994.D
Acq: 15 Nov 2022 17:21

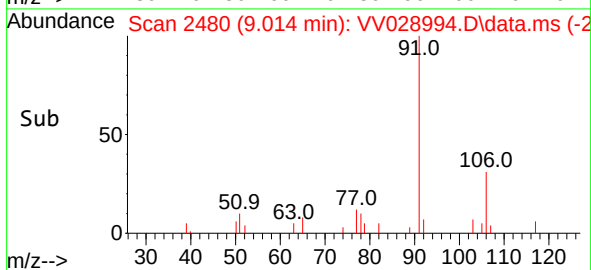
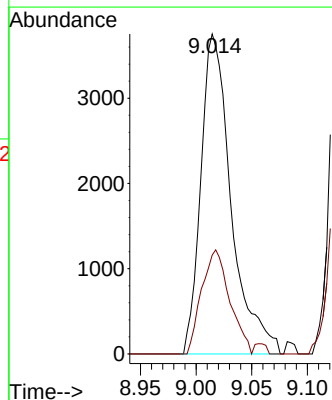
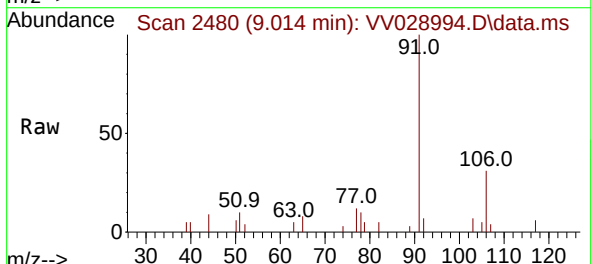
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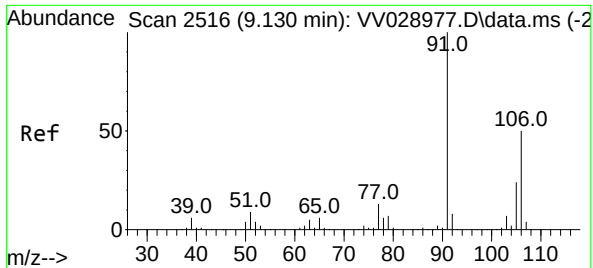
Tgt Ion:	164	Resp:	2315
Ion Ratio	Lower	Upper	
164	100		
129	78.8	63.9	118.7
131	75.6	61.8	114.8
166	94.5	90.2	167.4



#52
Ethylbenzene
Concen: 0.082 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.010 min
Lab File: VV028994.D
Acq: 15 Nov 2022 17:21

Tgt Ion:	91	Resp:	7101
Ion Ratio	Lower	Upper	
91	100		
106	30.9	21.6	40.2

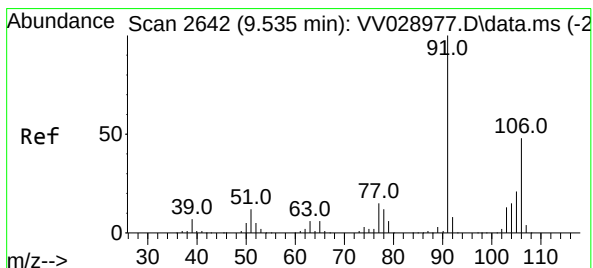
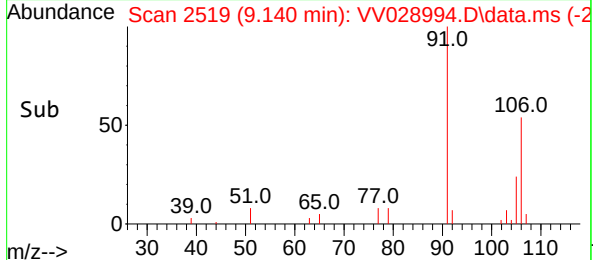
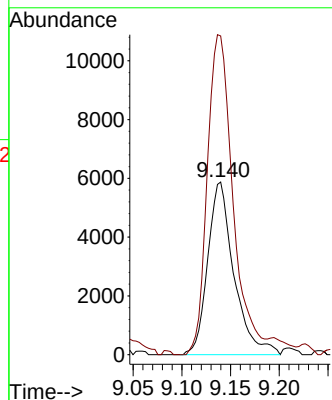
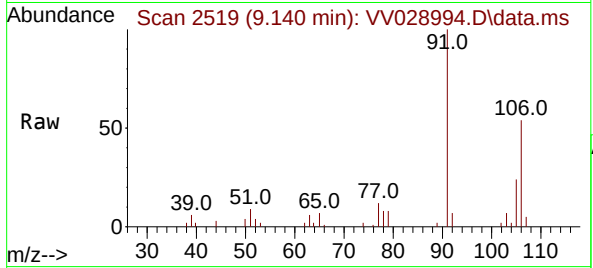




#53
m,p-Xylene
Concen: 0.321 ug/L
RT: 9.140 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV028994.D
Acq: 15 Nov 2022 17:21

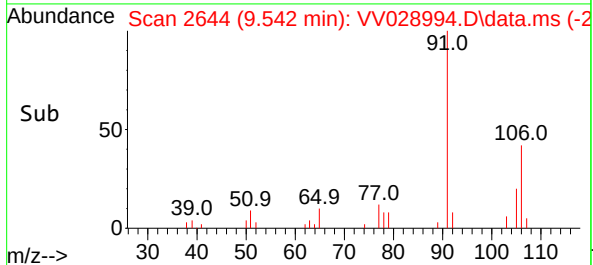
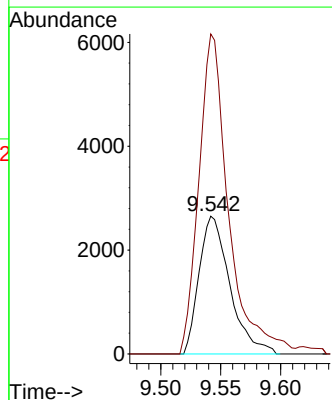
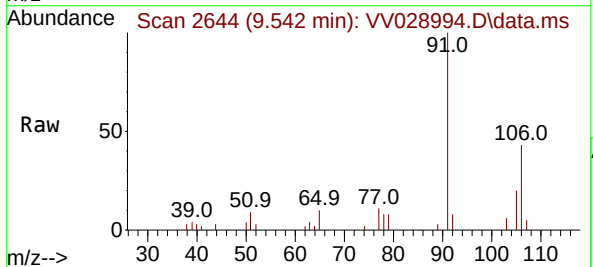
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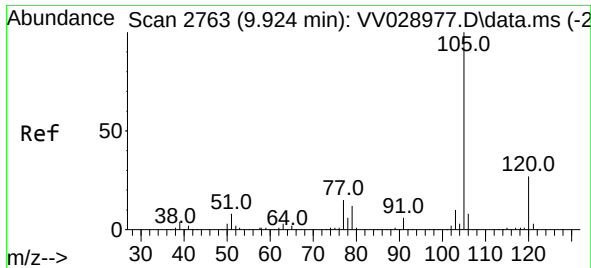
Tgt Ion:106 Resp: 10990
Ion Ratio Lower Upper
106 100
91 184.6 139.1 258.3



#54
o-Xylene
Concen: 0.146 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.007 min
Lab File: VV028994.D
Acq: 15 Nov 2022 17:21

Tgt Ion:106 Resp: 4741
Ion Ratio Lower Upper
106 100
91 232.2 145.7 270.7

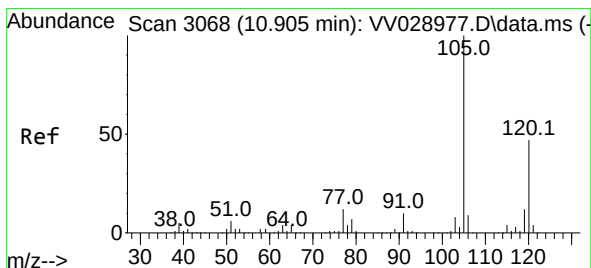
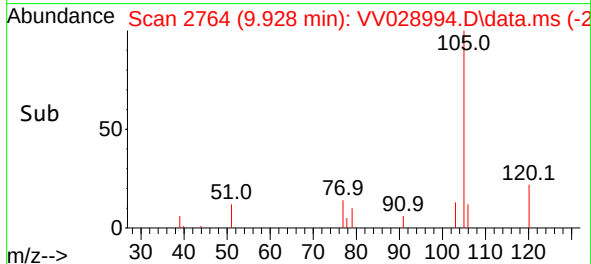
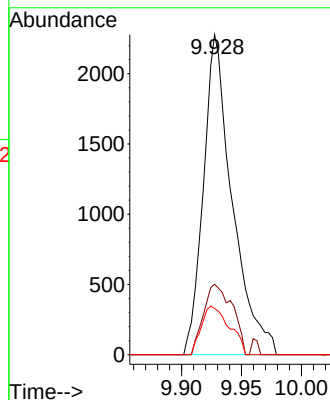
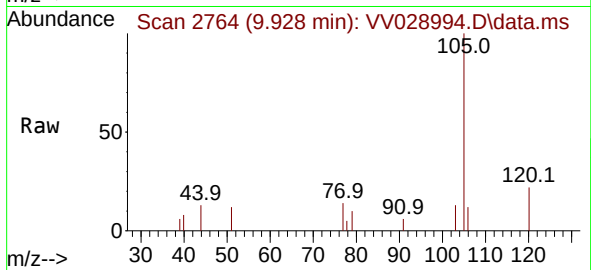




#60
Isopropylbenzene
Concen: 0.049 ug/L
RT: 9.928 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV028994.D
Acq: 15 Nov 2022 17:21

Instrument :
MSVOA_V
ClientSampleId :
COL14

Tgt Ion:105 Resp: 3810
Ion Ratio Lower Upper
105 100
120 22.0 21.3 31.9
77 14.7 11.8 17.8



#63
1,2,4-Trimethylbenzene
Concen: 0.067 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.010 min
Lab File: VV028994.D
Acq: 15 Nov 2022 17:21

Tgt Ion:105 Resp: 4430
Ion Ratio Lower Upper
105 100
120 54.7 37.8 56.8

