

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111422\
 Data File : VW028961.D
 Acq On : 15 Nov 2022 00:57
 Operator : SY/MD
 Sample : N5604-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H46G3

Quant Time: Nov 15 05:36:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 15 01:23:16 2022
 Response via : Initial Calibration

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

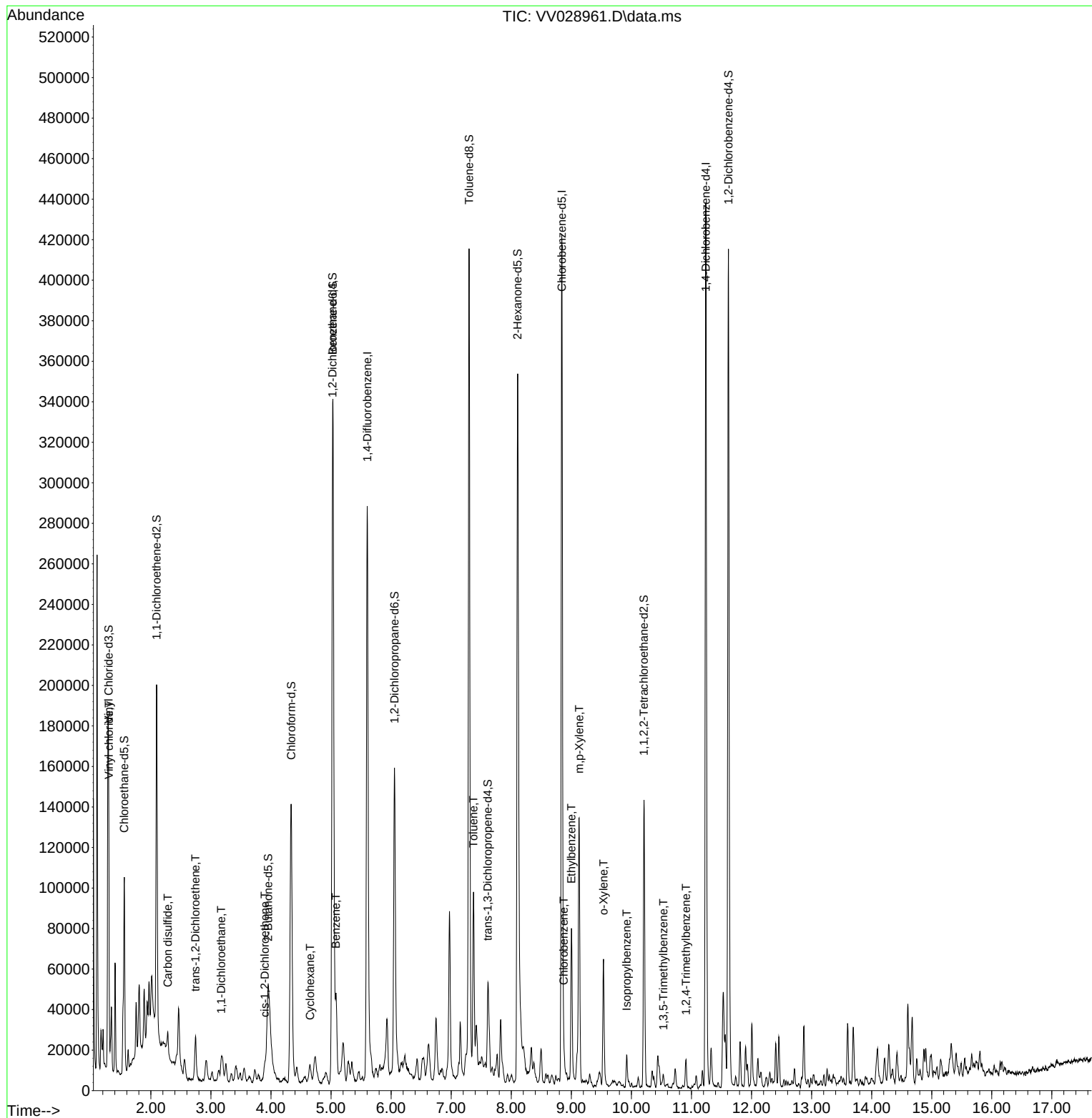
Internal Standards						
1) 1,4-Difluorobenzene	5.603	114	254453	5.000	ug/L	-0.01
28) Chlorobenzene-d5	8.841	117	240929	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	118880	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	52741	3.400	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.000%
7) Chloroethane-d5	1.558	69	60387	4.428	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.600%
11) 1,1-Dichloroethene-d2	2.095	63	82002	2.901	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.000%#
20) 2-Butanone-d5	3.953	46	125721	48.415	ug/L	0.06
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.820%
24) Chloroform-d	4.336	84	144319	4.531	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
26) 1,2-Dichloroethane-d4	5.024	65	69652	4.861	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
32) Benzene-d6	5.031	84	291848	4.058	ug/L	-0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.200%
36) 1,2-Dichloropropane-d6	6.056	67	67242	3.349	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 140	Recovery	=	67.000%
41) Toluene-d8	7.297	98	273517	4.225	ug/L	-0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.600%
43) trans-1,3-Dichloroprop...	7.609	79	23732	3.623	ug/L	-0.01
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.400%
46) 2-Hexanone-d5	8.104	63	129716	46.400	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.800%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	66676	4.789	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.800%
66) 1,2-Dichlorobenzene-d4	11.616	152	105249	4.949	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.000%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.301	62	13619	0.678	ug/L #	46
14) Carbon disulfide	2.281	76	14165	0.259	ug/L #	91
18) trans-1,2-Dichloroethene	2.744	96	5696	0.319	ug/L	81
19) 1,1-Dichloroethane	3.172	63	8335	0.285	ug/L	96
22) cis-1,2-Dichloroethene	3.899	96	5512	0.303	ug/L	79
30) Cyclohexane	4.651	56	5173	0.180	ug/L	96
33) Benzene	5.082	78	40671	0.552	ug/L	100
42) Toluene	7.371	91	62620	0.787	ug/L	100
51) Chlorobenzene	8.873	112	3555	0.072	ug/L #	84
52) Ethylbenzene	9.001	91	53300	0.644	ug/L	98
53) m,p-Xylene	9.130	106	38358	1.165	ug/L	97
54) o-Xylene	9.535	106	17094	0.546	ug/L	99
60) Isopropylbenzene	9.924	105	9806	0.127	ug/L	97
62) 1,3,5-Trimethylbenzene	10.532	105	4052	0.062	ug/L	99
63) 1,2,4-Trimethylbenzene	10.908	105	8068	0.123	ug/L	94

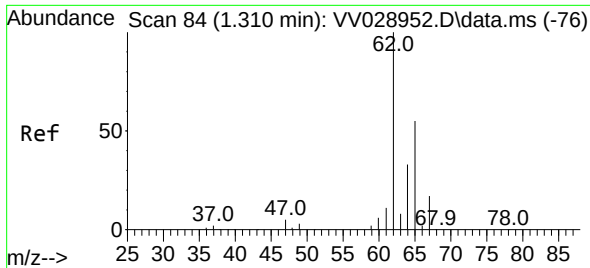
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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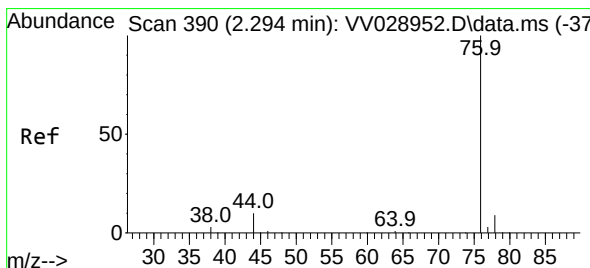
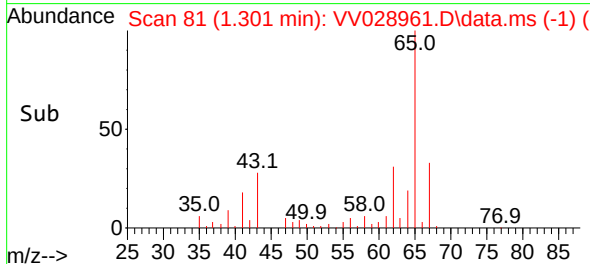
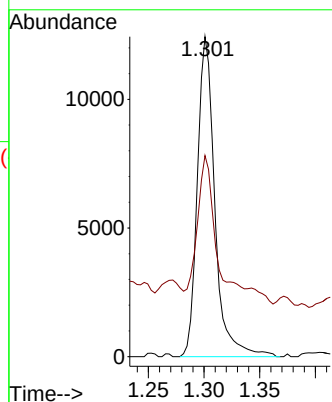
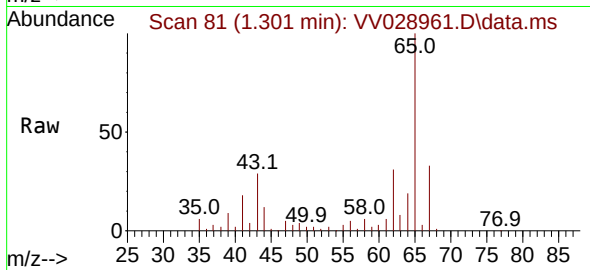




#5
 Vinyl chloride
 Concen: 0.678 ug/L
 RT: 1.301 min Scan# 81
 Delta R.T. -0.010 min
 Lab File: VV028961.D
 Acq: 15 Nov 2022 00:57

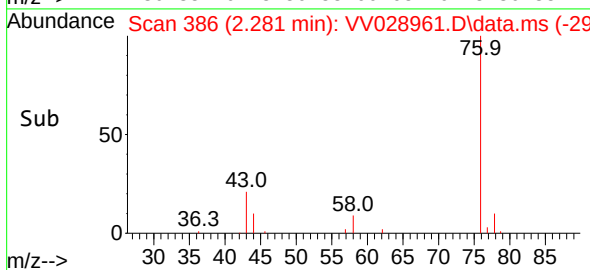
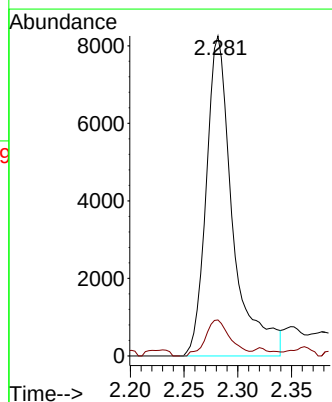
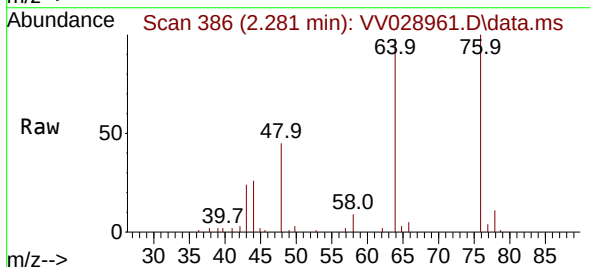
Instrument :
 MSVOA_V
 ClientSampleId :
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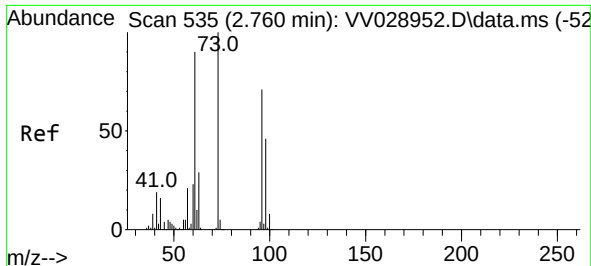
Tgt Ion: 62 Resp: 13619
 Ion Ratio Lower Upper
 62 100
 64 62.8 22.8 42.4#



#14
 Carbon disulfide
 Concen: 0.259 ug/L
 RT: 2.281 min Scan# 386
 Delta R.T. -0.013 min
 Lab File: VV028961.D
 Acq: 15 Nov 2022 00:57

Tgt Ion: 76 Resp: 14165
 Ion Ratio Lower Upper
 76 100
 78 12.5 7.4 11.2#

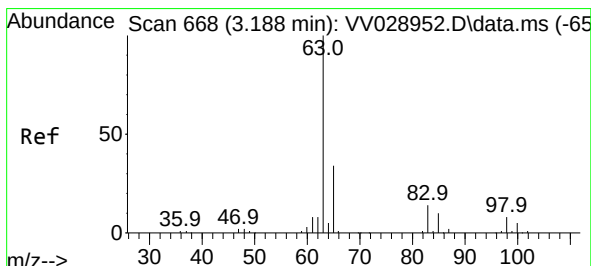
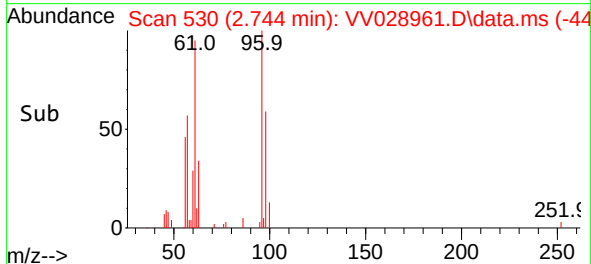
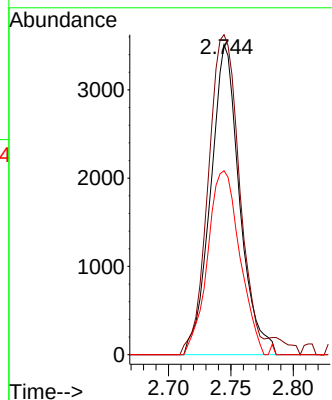
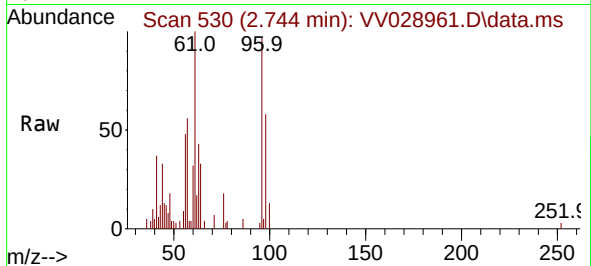




#18
 trans-1,2-Dichloroethene
 Concen: 0.319 ug/L
 RT: 2.744 min Scan# 51
 Delta R.T. -0.016 min
 Lab File: VV028961.D
 Acq: 15 Nov 2022 00:57

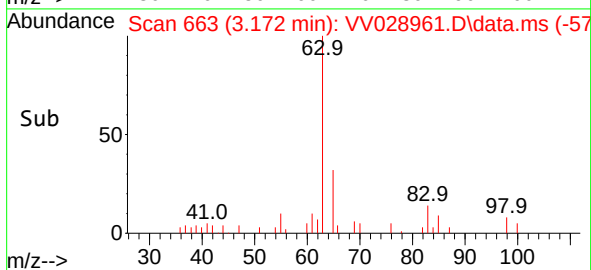
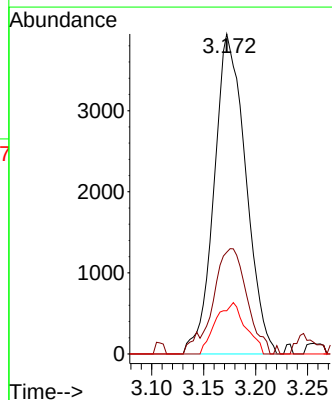
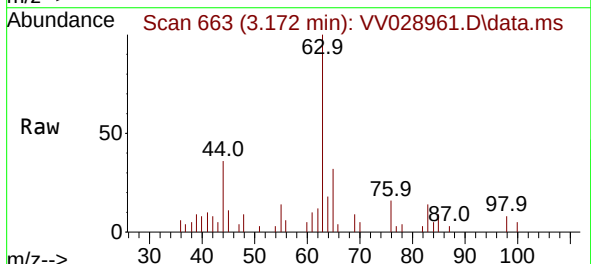
Instrument :
 MSVOA_V
 ClientSampleId :
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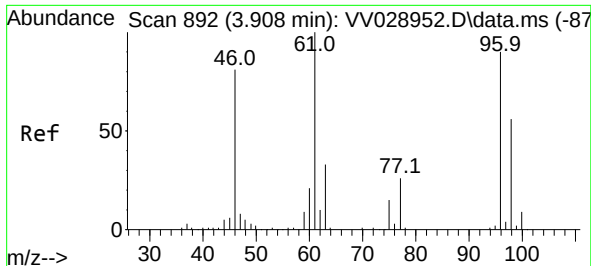
Tgt Ion: 96 Resp: 5696
 Ion Ratio Lower Upper
 96 100
 61 103.3 91.8 170.6
 98 59.4 46.4 86.2



#19
 1,1-Dichloroethane
 Concen: 0.285 ug/L
 RT: 3.172 min Scan# 663
 Delta R.T. -0.016 min
 Lab File: VV028961.D
 Acq: 15 Nov 2022 00:57

Tgt Ion: 63 Resp: 8335
 Ion Ratio Lower Upper
 63 100
 65 36.2 23.0 42.6
 83 13.5 9.4 17.6





#22

cis-1,2-Dichloroethene

Concen: 0.303 ug/L

RT: 3.899 min Scan# 892

Delta R.T. -0.010 min

Lab File: VV028961.D

Acq: 15 Nov 2022 00:57

Instrument :

MSVOA_V

ClientSampleId :

H46G3

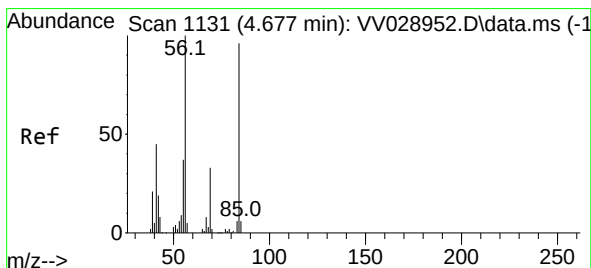
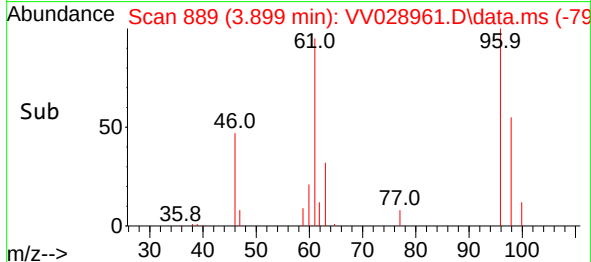
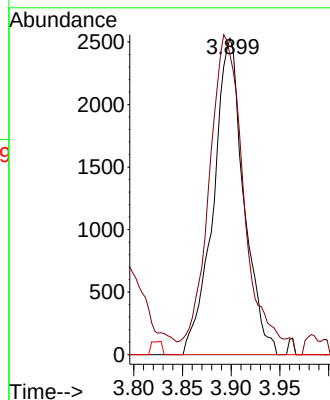
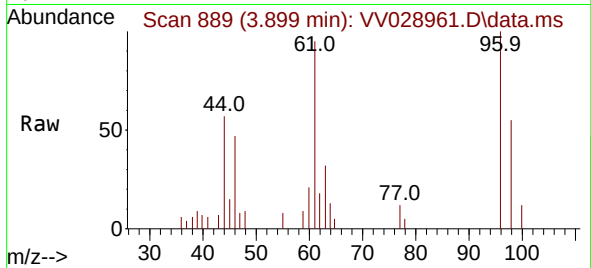
Tgt Ion: 96 Resp: 5512

Ion Ratio Lower Upper

96 100

61 94.9 82.3 152.9

68 0.0 0.0 0.0



#30

Cyclohexane

Concen: 0.180 ug/L

RT: 4.651 min Scan# 1123

Delta R.T. -0.026 min

Lab File: VV028961.D

Acq: 15 Nov 2022 00:57

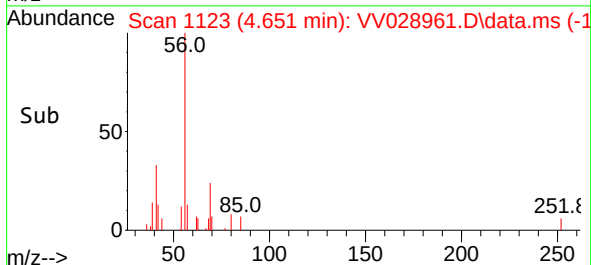
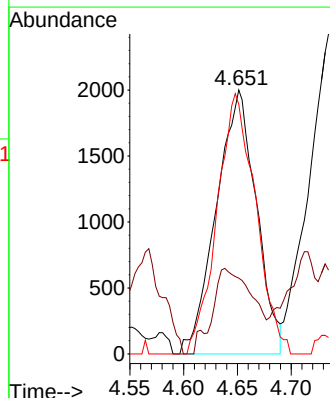
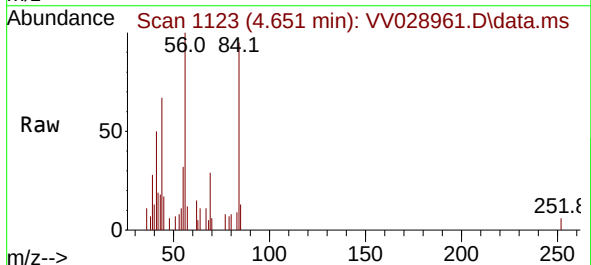
Tgt Ion: 56 Resp: 5173

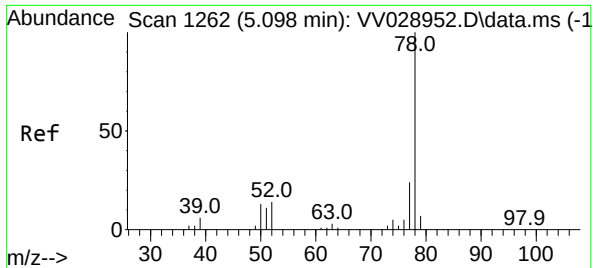
Ion Ratio Lower Upper

56 100

69 26.7 26.1 39.1

84 95.1 77.9 116.9

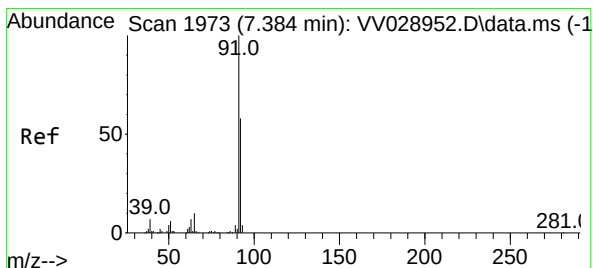
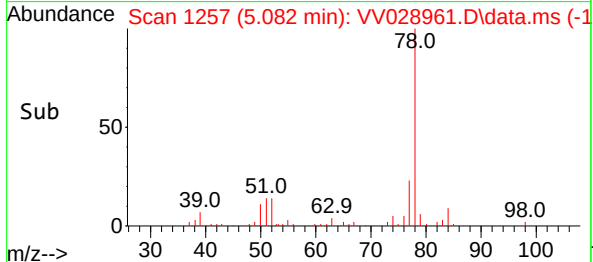
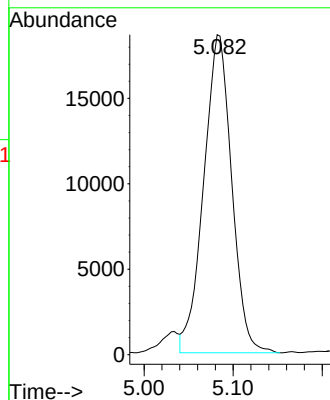
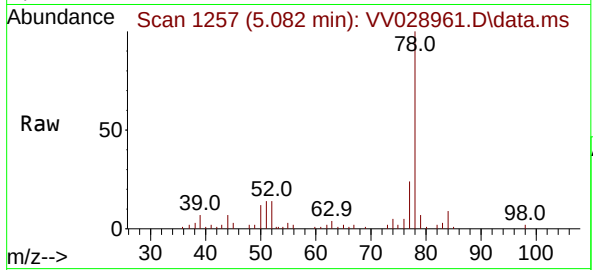




#33
Benzene
Concen: 0.552 ug/L
RT: 5.082 min Scan# 11
Delta R.T. -0.016 min
Lab File: VV028961.D
Acq: 15 Nov 2022 00:57

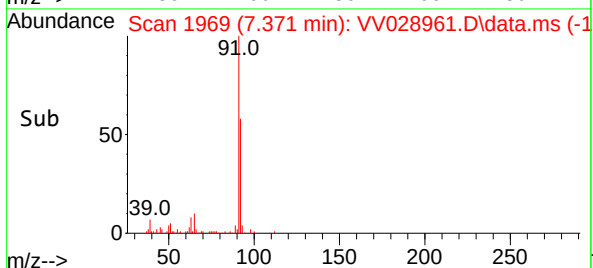
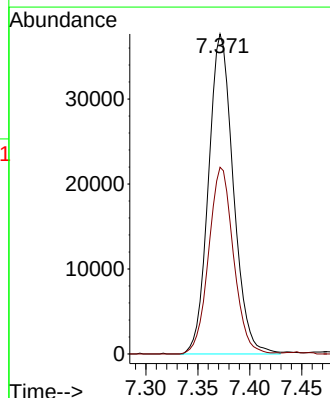
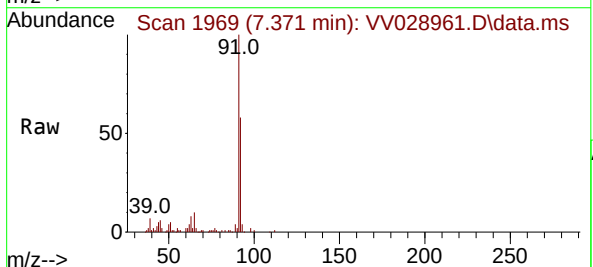
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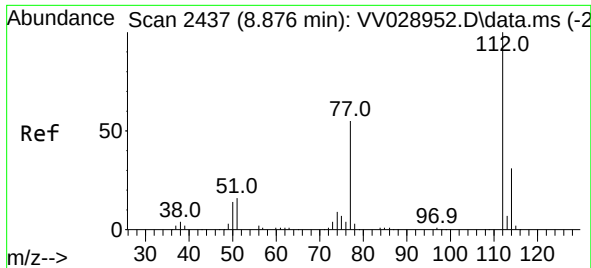
Tgt Ion: 78 Resp: 40671



#42
Toluene
Concen: 0.787 ug/L
RT: 7.371 min Scan# 1969
Delta R.T. -0.013 min
Lab File: VV028961.D
Acq: 15 Nov 2022 00:57

Tgt Ion: 91 Resp: 62620
Ion Ratio Lower Upper
91 100
92 58.3 40.7 75.5

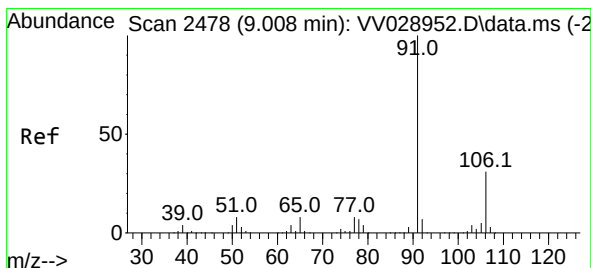
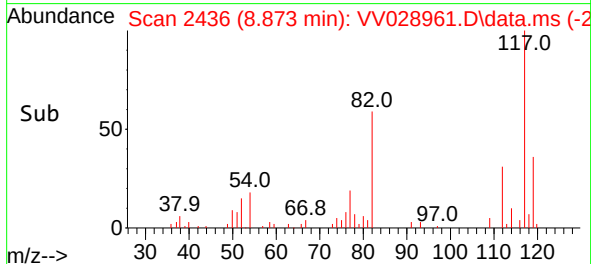
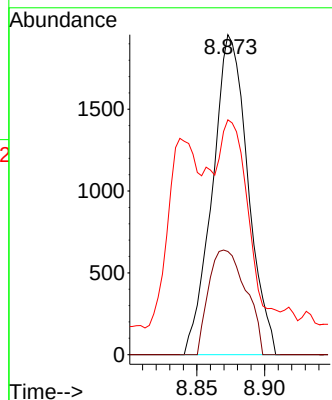
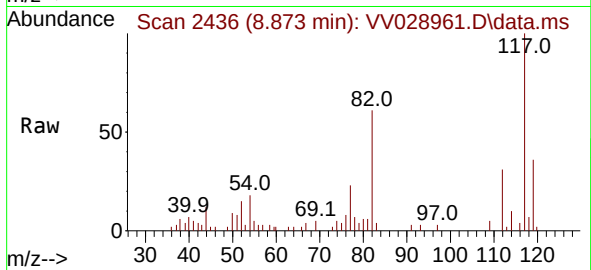




#51
Chlorobenzene
Concen: 0.072 ug/L
RT: 8.873 min Scan# 2437
Delta R.T. -0.003 min
Lab File: VV028961.D
Acq: 15 Nov 2022 00:57

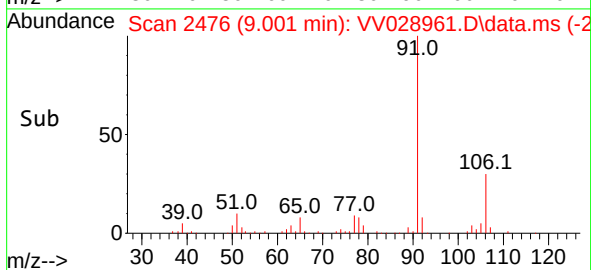
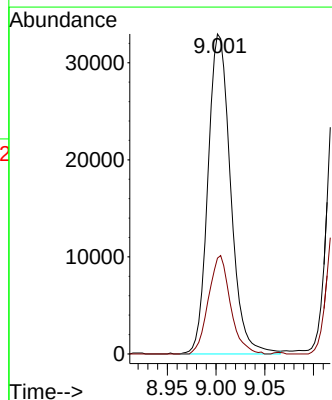
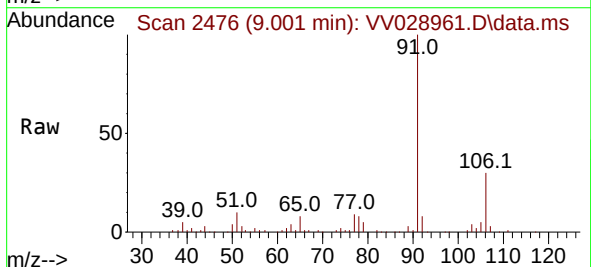
Instrument :
MSVOA_V
ClientSampleId :
H46G3

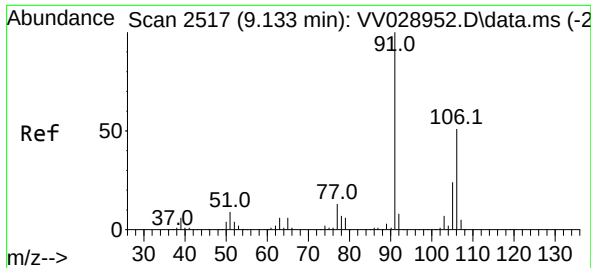
Tgt Ion:112 Resp: 3555
Ion Ratio Lower Upper
112 100
114 32.3 22.4 41.6
77 73.4 44.4 66.6#



#52
Ethylbenzene
Concen: 0.644 ug/L
RT: 9.001 min Scan# 2476
Delta R.T. -0.006 min
Lab File: VV028961.D
Acq: 15 Nov 2022 00:57

Tgt Ion: 91 Resp: 53300
Ion Ratio Lower Upper
91 100
106 30.0 21.6 40.2

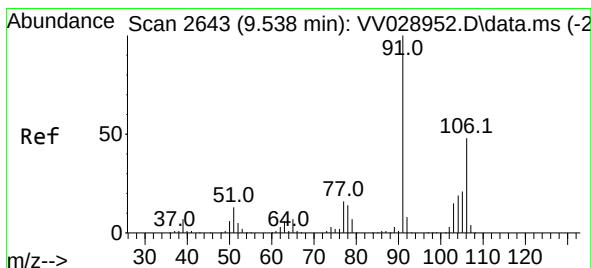
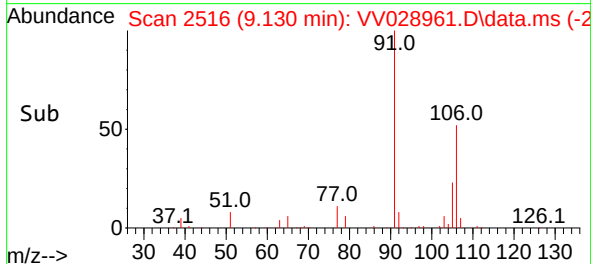
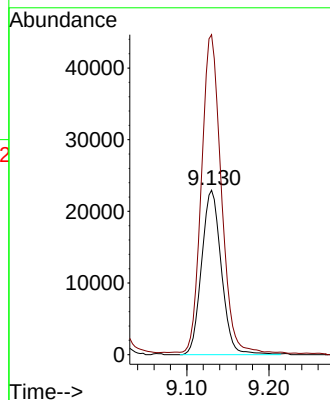
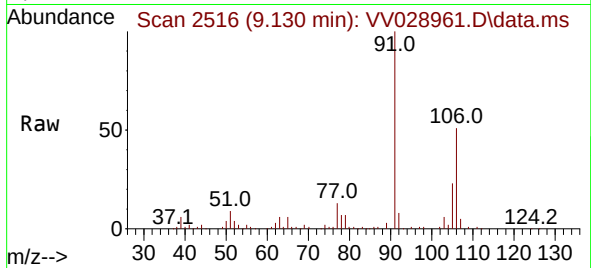




#53
m,p-Xylene
Concen: 1.165 ug/L
RT: 9.130 min Scan# 2517
Delta R.T. -0.003 min
Lab File: VV028961.D
Acq: 15 Nov 2022 00:57

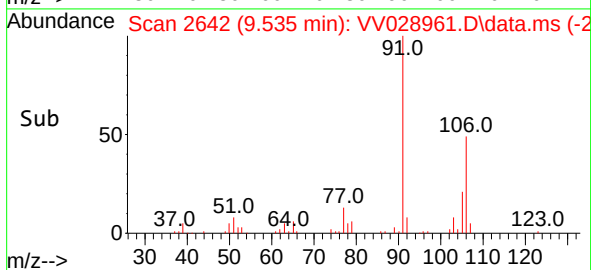
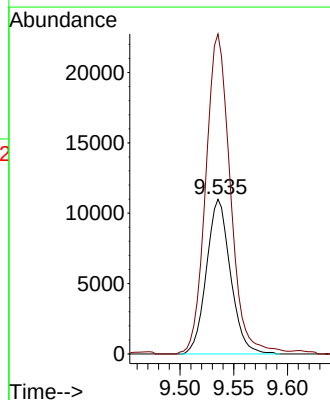
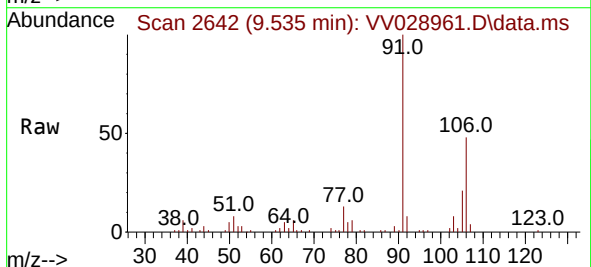
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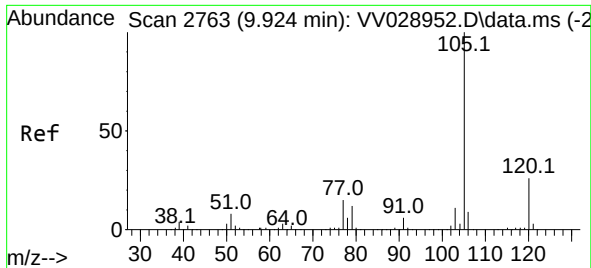
Tgt Ion:106 Resp: 38358
Ion Ratio Lower Upper
106 100
91 194.6 139.1 258.3



#54
o-Xylene
Concen: 0.546 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. -0.003 min
Lab File: VV028961.D
Acq: 15 Nov 2022 00:57

Tgt Ion:106 Resp: 17094
Ion Ratio Lower Upper
106 100
91 206.9 145.7 270.7

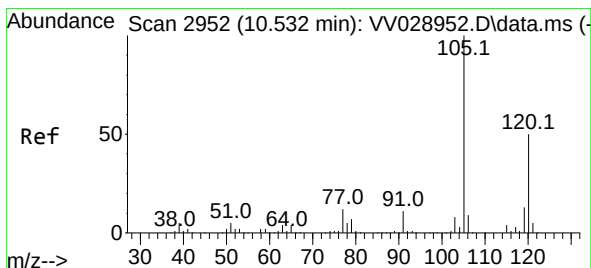
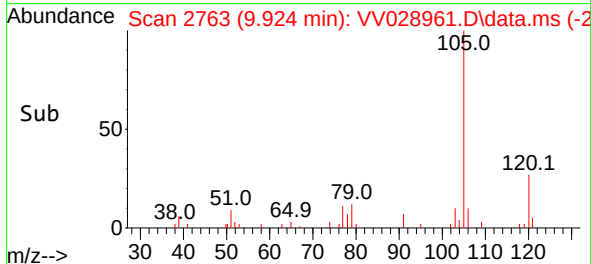
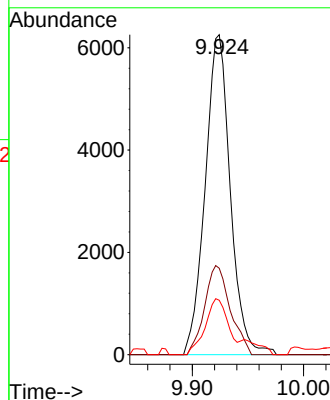
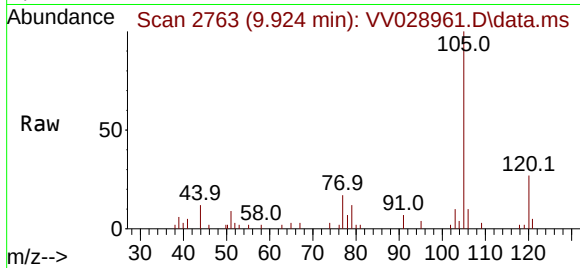




#60
Isopropylbenzene
Concen: 0.127 ug/L
RT: 9.924 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV028961.D
Acq: 15 Nov 2022 00:57

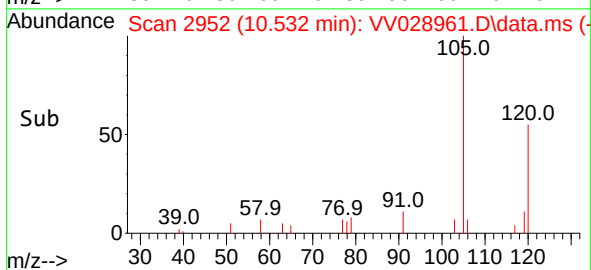
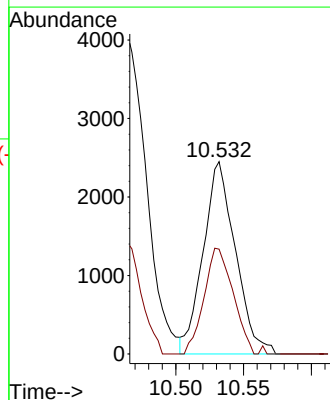
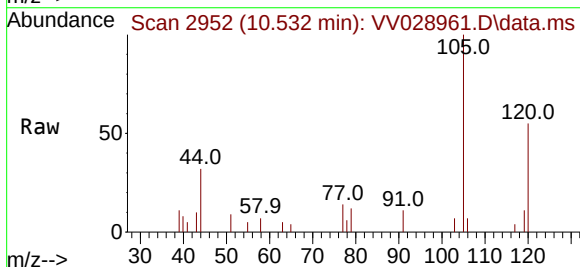
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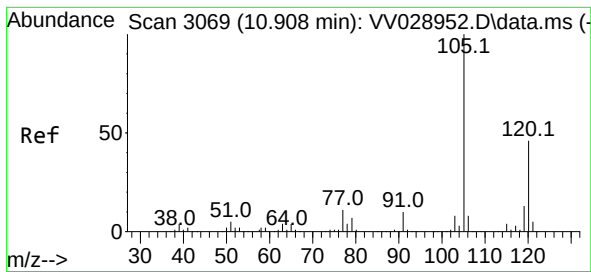
Tgt Ion:105 Resp: 9806
Ion Ratio Lower Upper
105 100
120 28.4 21.3 31.9
77 15.7 11.8 17.8



#62
1,3,5-Trimethylbenzene
Concen: 0.062 ug/L
RT: 10.532 min Scan# 2952
Delta R.T. 0.000 min
Lab File: VV028961.D
Acq: 15 Nov 2022 00:57

Tgt Ion:105 Resp: 4052
Ion Ratio Lower Upper
105 100
120 49.5 39.9 59.9





#63
 1,2,4-Trimethylbenzene
 Concen: 0.123 ug/L
 RT: 10.908 min Scan# 3069
 Delta R.T. 0.000 min
 Lab File: VV028961.D
 Acq: 15 Nov 2022 00:57

Instrument :
 MSVOA_V
 ClientSampleId :
 H46G3

Tgt Ion:105 Resp: 8068
 Ion Ratio Lower Upper
 105 100
 120 43.5 37.8 56.8

