

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011323\
 Data File : VW029860.D
 Acq On : 14 Jan 2023 16:00
 Operator : SY/MD
 Sample : 01138-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH1X1

Quant Time: Jan 16 01:54:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 12 22:05:54 2023
 Response via : Initial Calibration

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

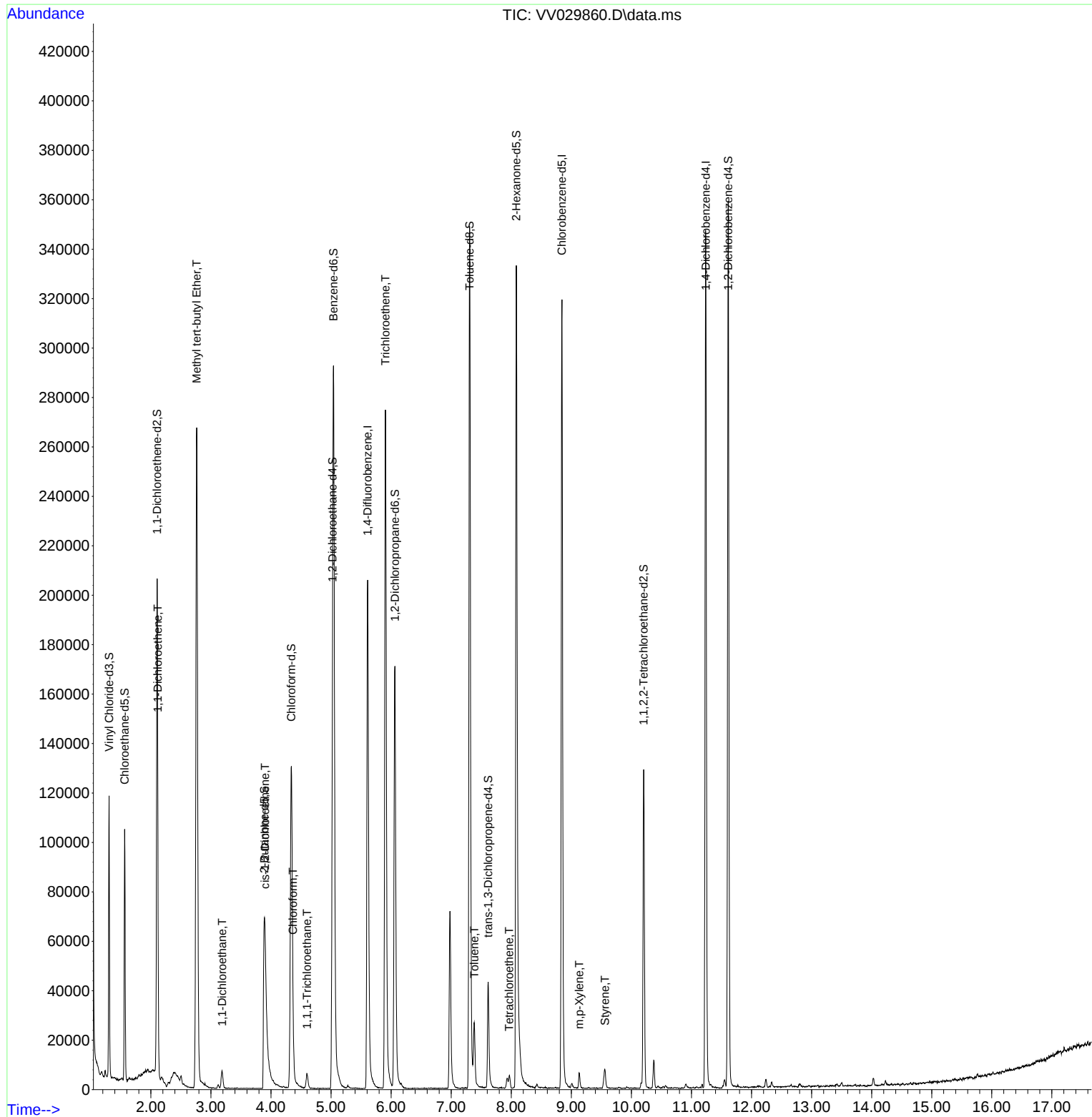
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	194384	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	189312	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	98020	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	68275	4.631	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.600%
7) Chloroethane-d5	1.564	69	63988	5.236	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.800%
11) 1,1-Dichloroethene-d2	2.105	63	98322	3.658	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.200%
20) 2-Butanone-d5	3.889	46	146488	56.056	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.120%
24) Chloroform-d	4.339	84	143379	5.301	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.000%
26) 1,2-Dichloroethane-d4	5.024	65	63895	5.578	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.600%
32) Benzene-d6	5.040	84	295427	5.261	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.200%
36) 1,2-Dichloropropane-d6	6.063	67	91874	5.590	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.800%
41) Toluene-d8	7.307	98	250842	4.825	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
43) trans-1,3-Dichloroprop...	7.616	79	27028	4.503	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.000%
46) 2-Hexanone-d5	8.085	63	130194	53.279	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.560%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	66584	5.528	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.600%
66) 1,2-Dichlorobenzene-d4	11.612	152	97649	5.480	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.600%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.114	96	9574	0.577	ug/L	# 1
17) Methyl tert-butyl Ether	2.764	73	280537	9.775	ug/L	99
19) 1,1-Dichloroethane	3.185	63	7772	0.301	ug/L	97
22) cis-1,2-Dichloroethene	3.902	96	2464	0.150	ug/L	89
25) Chloroform	4.365	83	5072	0.181	ug/L	98
29) 1,1,1-Trichloroethane	4.600	97	5027	0.205	ug/L	100
34) Trichloroethene	5.905	95	102554	6.465	ug/L	95
42) Toluene	7.384	91	20246	0.300	ug/L	98
47) Tetrachloroethene	7.966	164	1379	0.103	ug/L	87
53) m,p-Xylene	9.133	106	2057	0.074	ug/L	87
55) Styrene	9.561	104	4459	0.098	ug/L	94

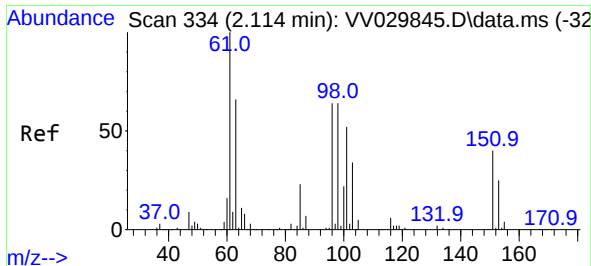
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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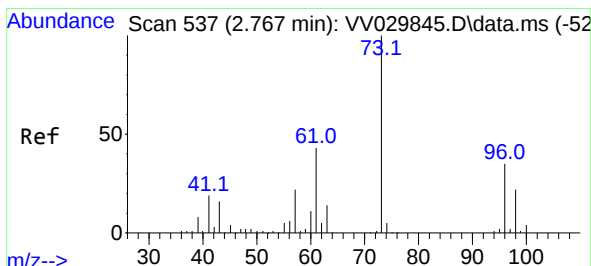
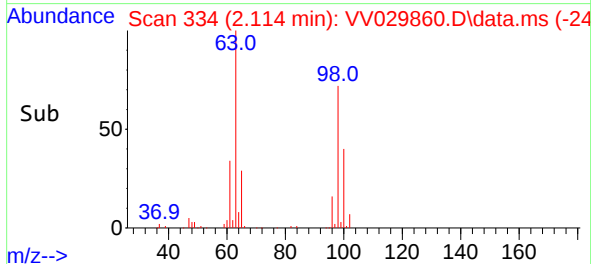
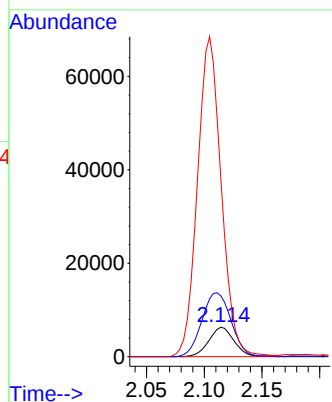
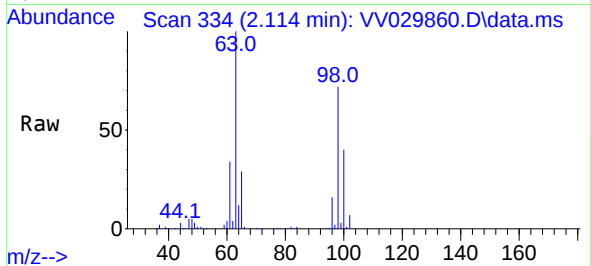




#12
1,1-Dichloroethene
Concen: 0.577 ug/L
RT: 2.114 min Scan# 311
Delta R.T. 0.003 min
Lab File: VV029860.D
Acq: 14 Jan 2023 16:00

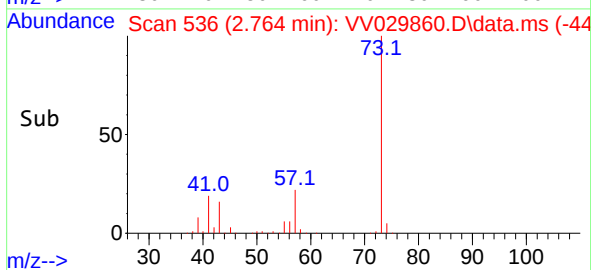
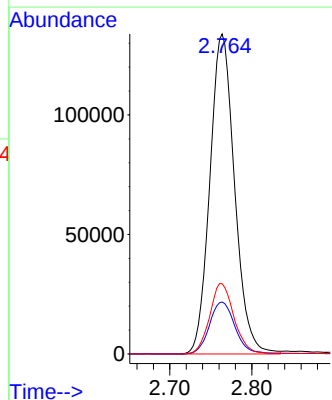
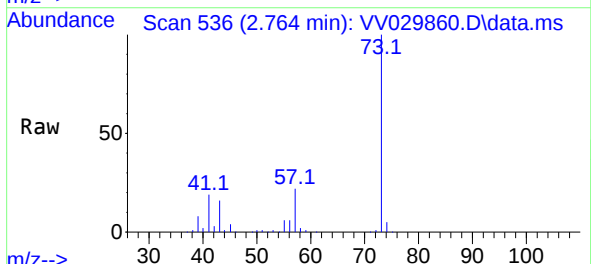
Instrument :
MSVOA_V
ClientSampleId :
BH1X1

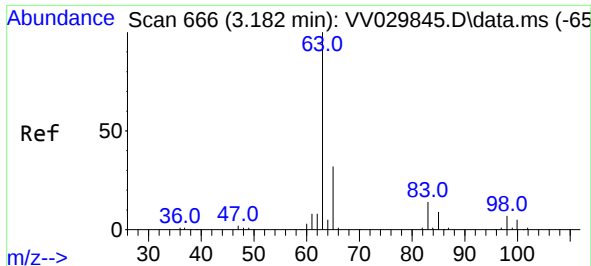
Tgt Ion: 96 Resp: 9574
Ion Ratio Lower Upper
96 100
61 207.3 106.1 197.1#
63 606.1 76.4 141.8#



#17
Methyl tert-butyl Ether
Concen: 9.775 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV029860.D
Acq: 14 Jan 2023 16:00

Tgt Ion: 73 Resp: 280537
Ion Ratio Lower Upper
73 100
43 16.9 13.0 19.4
57 21.9 17.1 25.7





#19

1,1-Dichloroethane

Concen: 0.301 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.006 min

Lab File: VV029860.D

Acq: 14 Jan 2023 16:00

Instrument :

MSVOA_V

ClientSampleId :

BH1X1

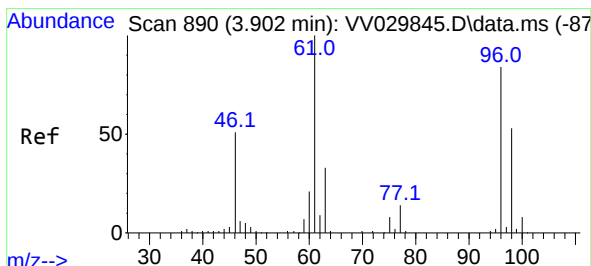
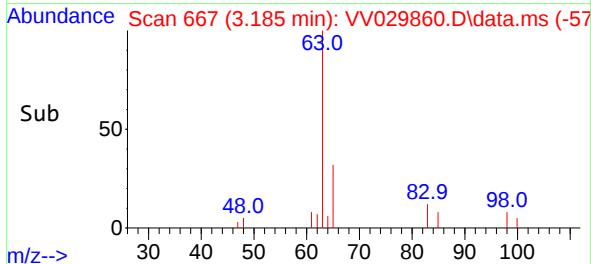
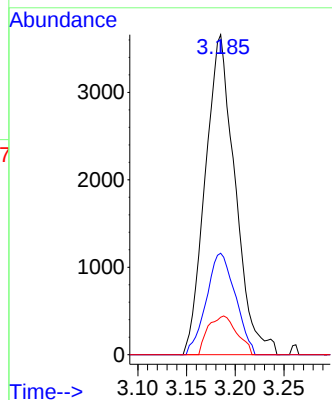
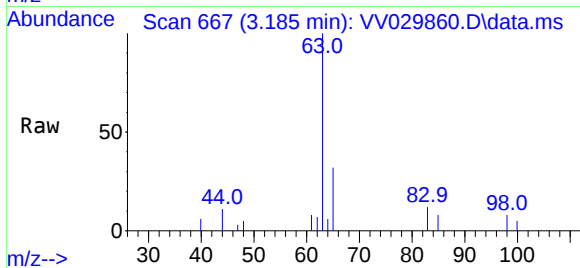
Tgt Ion: 63 Resp: 7772

Ion Ratio Lower Upper

63 100

65 31.7 22.4 41.6

83 11.7 10.2 19.0



#22

cis-1,2-Dichloroethene

Concen: 0.150 ug/L

RT: 3.902 min Scan# 890

Delta R.T. 0.003 min

Lab File: VV029860.D

Acq: 14 Jan 2023 16:00

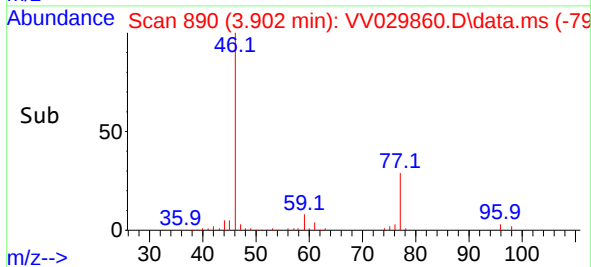
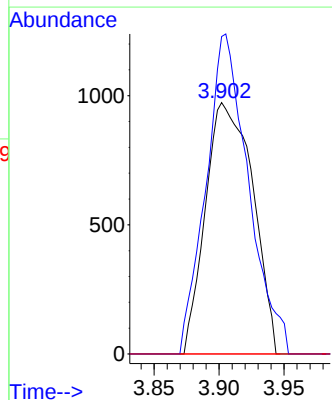
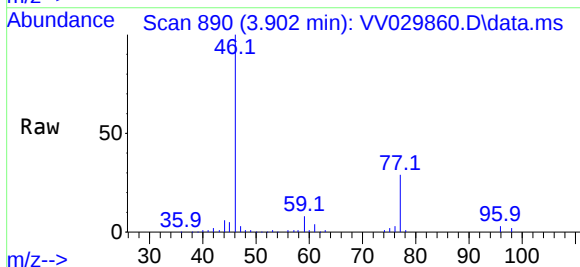
Tgt Ion: 96 Resp: 2464

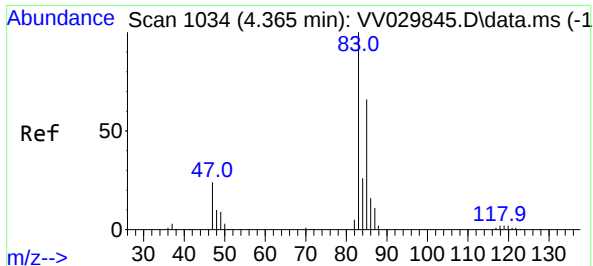
Ion Ratio Lower Upper

96 100

61 126.3 80.0 148.6

68 0.0 0.0 0.0

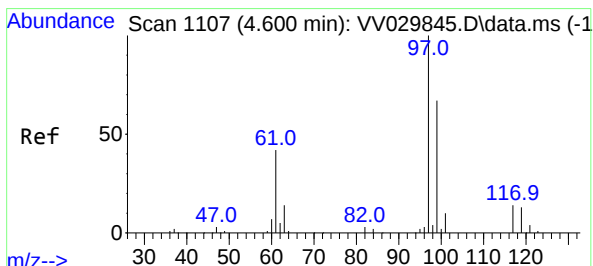
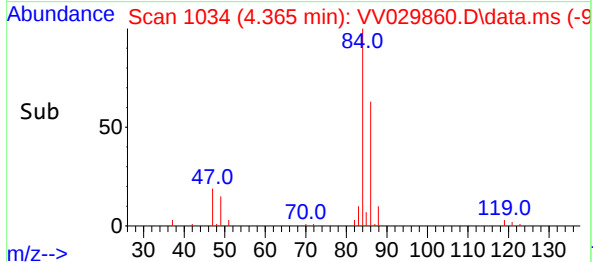
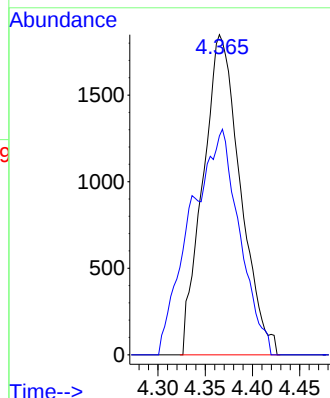
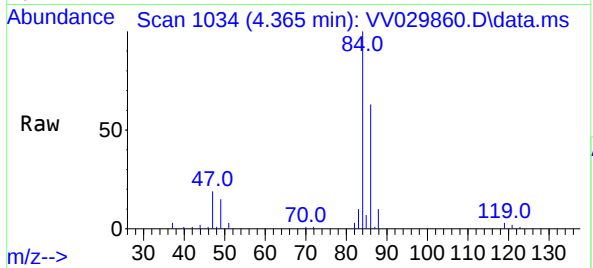




#25
Chloroform
Concen: 0.181 ug/L
RT: 4.365 min Scan# 1034
Delta R.T. 0.003 min
Lab File: VV029860.D
Acq: 14 Jan 2023 16:00

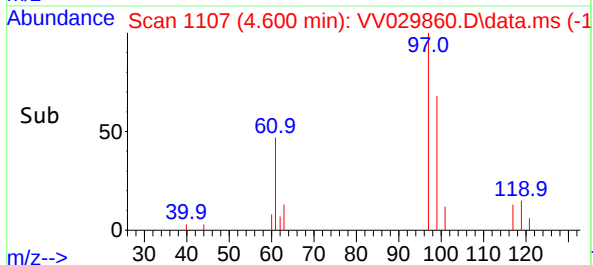
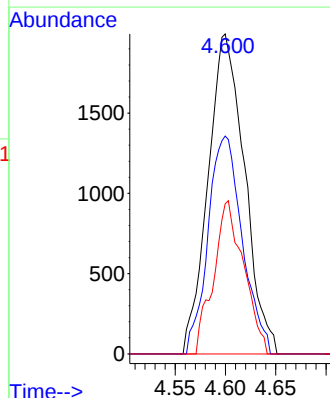
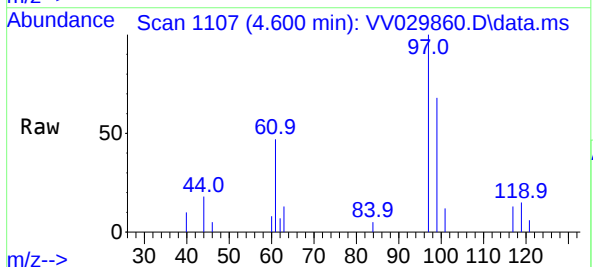
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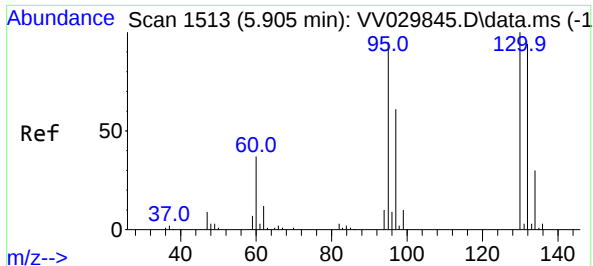
Tgt Ion: 83 Resp: 5072
Ion Ratio Lower Upper
83 100
85 68.4 46.5 86.5



#29
1,1,1-Trichloroethane
Concen: 0.205 ug/L
RT: 4.600 min Scan# 1107
Delta R.T. 0.003 min
Lab File: VV029860.D
Acq: 14 Jan 2023 16:00

Tgt Ion: 97 Resp: 5027
Ion Ratio Lower Upper
97 100
99 64.0 51.3 76.9
61 39.6 31.6 47.4

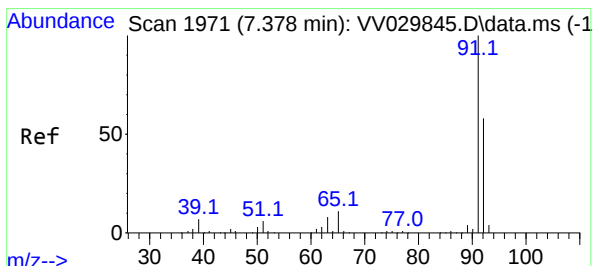
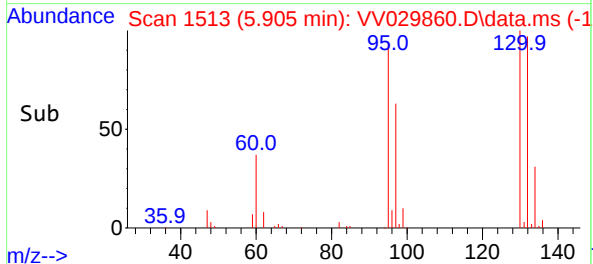
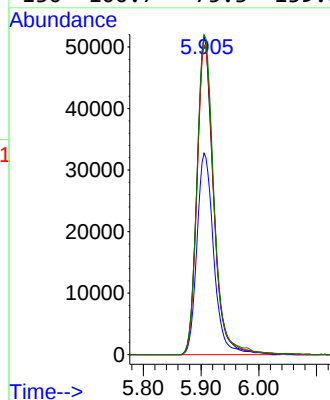
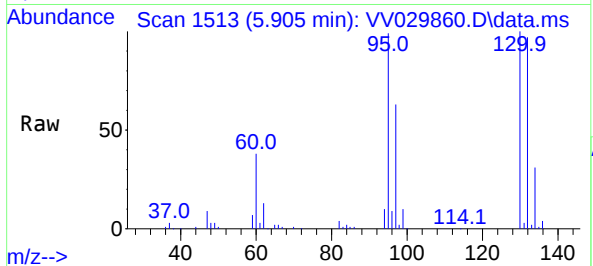




#34
Trichloroethene
Concen: 6.465 ug/L
RT: 5.905 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV029860.D
Acq: 14 Jan 2023 16:00

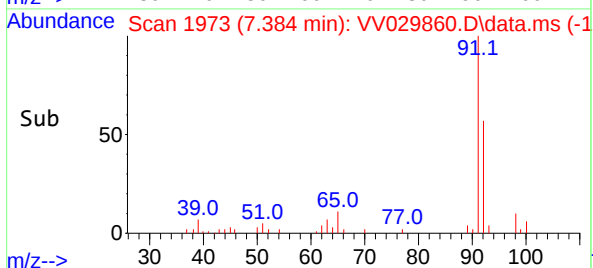
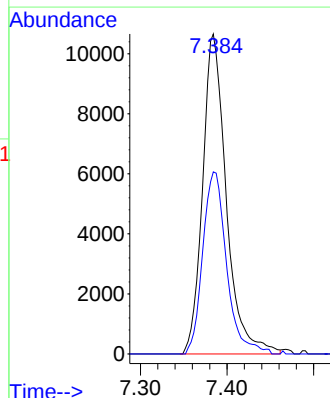
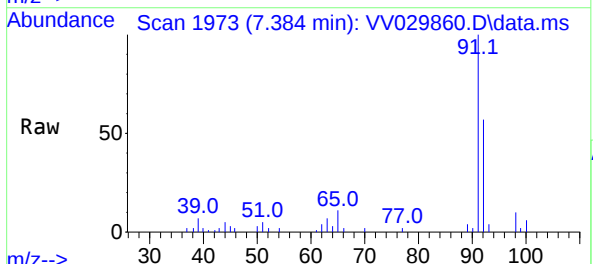
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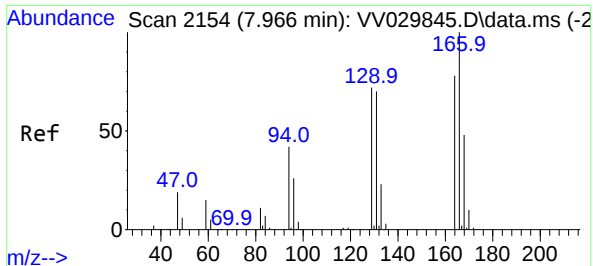
Tgt Ion: 95 Resp: 102554
Ion Ratio Lower Upper
95 100
97 63.4 44.9 83.3
132 97.4 71.8 133.4
130 100.7 75.3 139.8



#42
Toluene
Concen: 0.300 ug/L
RT: 7.384 min Scan# 1973
Delta R.T. 0.006 min
Lab File: VV029860.D
Acq: 14 Jan 2023 16:00

Tgt Ion: 91 Resp: 20246
Ion Ratio Lower Upper
91 100
92 56.9 40.6 75.4



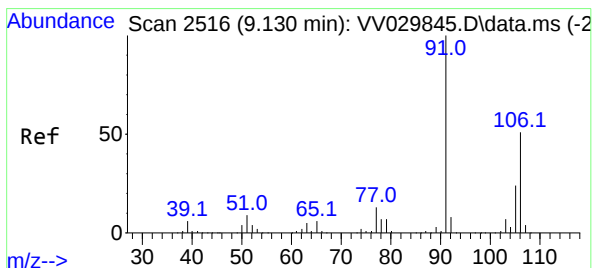
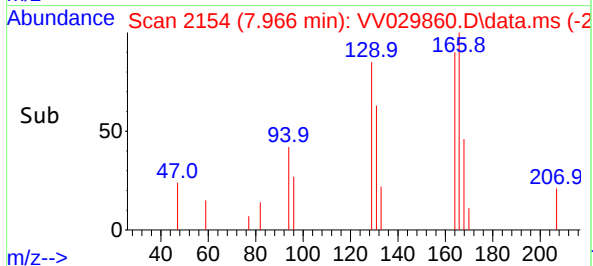
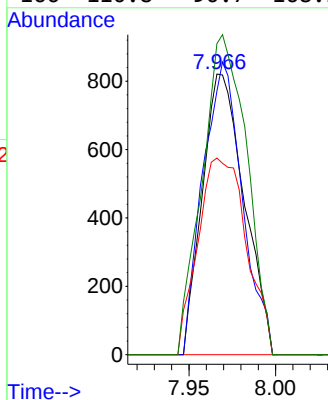
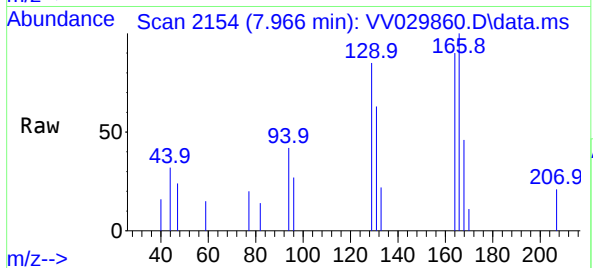


#47
Tetrachloroethene
Concen: 0.103 ug/L
RT: 7.966 min Scan# 2154
Delta R.T. -0.000 min
Lab File: VV029860.D
Acq: 14 Jan 2023 16:00

Instrument :
MSVOA_V
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Tgt Ion:164 Resp: 1379

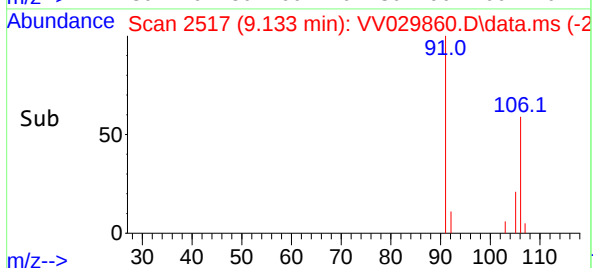
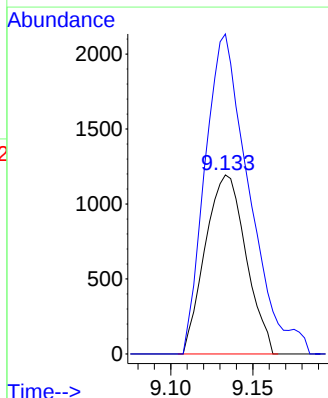
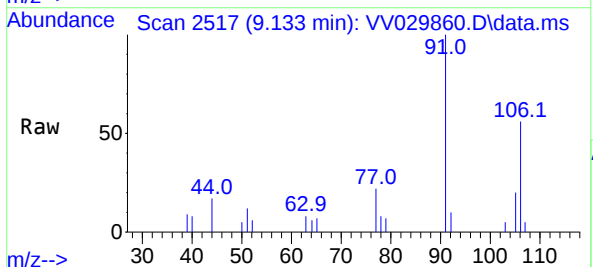
Ion	Ratio	Lower	Upper
164	100		
129	93.9	64.5	119.7
131	70.0	62.9	116.7
166	110.8	90.7	168.5

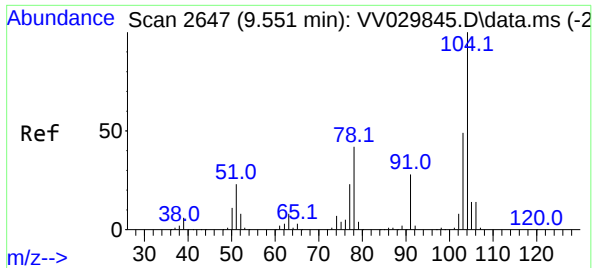


#53
m,p-Xylene
Concen: 0.074 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. 0.003 min
Lab File: VV029860.D
Acq: 14 Jan 2023 16:00

Tgt Ion:106 Resp: 2057

Ion	Ratio	Lower	Upper
106	100		
91	178.7	138.7	257.7





#55
 Styrene
 Concen: 0.098 ug/L
 RT: 9.561 min Scan# 2
 Delta R.T. 0.010 min
 Lab File: VV029860.D
 Acq: 14 Jan 2023 16:00

Instrument :
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Tgt Ion:104 Resp: 4459
 Ion Ratio Lower Upper
 104 100
 78 44.5 28.6 53.2

