

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011323\
 Data File : VW029858.D
 Acq On : 14 Jan 2023 15:12
 Operator : SY/MD
 Sample : 01138-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH1W7

Quant Time: Jan 16 01:45:39 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)

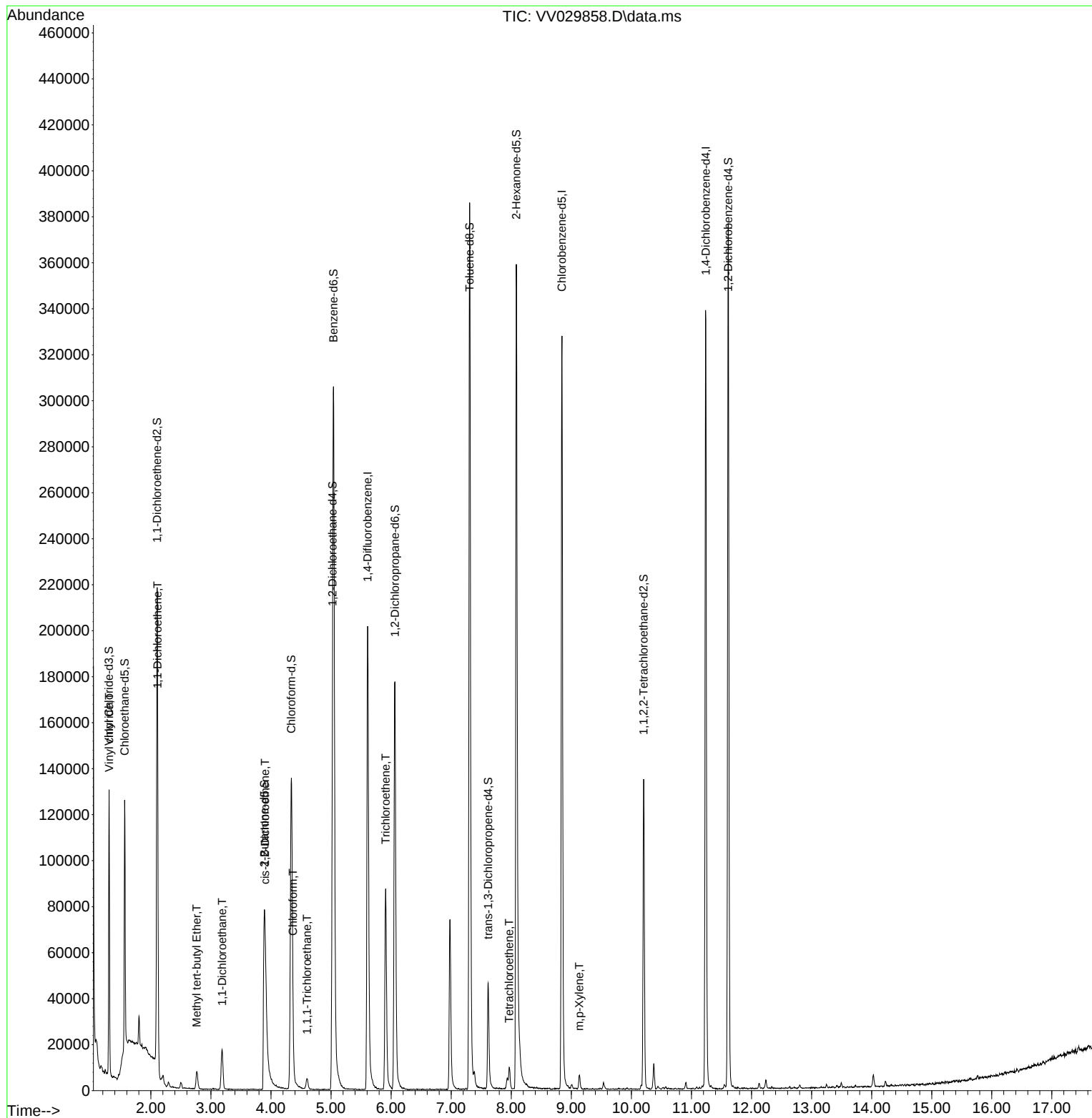
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	190691	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	193008	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	94776	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	71198	4.923	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.400%
7) Chloroethane-d5	1.564	69	67950	5.667	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.400%
11) 1,1-Dichloroethene-d2	2.105	63	102789	3.898	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.000%
20) 2-Butanone-d5	3.889	46	143248	55.878	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.760%
24) Chloroform-d	4.339	84	151694	5.717	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.400%
26) 1,2-Dichloroethane-d4	5.024	65	66168	5.889	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.800%
32) Benzene-d6	5.040	84	310024	5.415	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.400%
36) 1,2-Dichloropropane-d6	6.063	67	95964	5.727	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	114.600%
41) Toluene-d8	7.307	98	275787	5.203	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.000%
43) trans-1,3-Dichloroprop...	7.616	79	29969	4.897	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.000%
46) 2-Hexanone-d5	8.085	63	137041	55.007	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.020%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	68836	5.606	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.200%
66) 1,2-Dichlorobenzene-d4	11.612	152	103245	5.992	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	119.800%
Target Compounds						Qvalue
5) Vinyl chloride	1.307	62	4528	0.247	ug/L #	62
12) 1,1-Dichloroethene	2.114	96	9483	0.582	ug/L #	1
17) Methyl tert-butyl Ether	2.764	73	8240	0.293	ug/L	97
19) 1,1-Dichloroethane	3.188	63	18985	0.750	ug/L	97
22) cis-1,2-Dichloroethene	3.902	96	8760	0.543	ug/L	97
25) Chloroform	4.365	83	2255	0.082	ug/L #	56
29) 1,1,1-Trichloroethane	4.600	97	3879	0.155	ug/L	94
34) Trichloroethene	5.908	95	32114	1.986	ug/L	98
47) Tetrachloroethene	7.966	164	2429	0.178	ug/L	92
53) m,p-Xylene	9.133	106	1852	0.065	ug/L	97

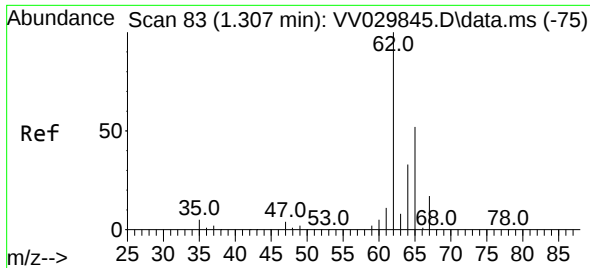
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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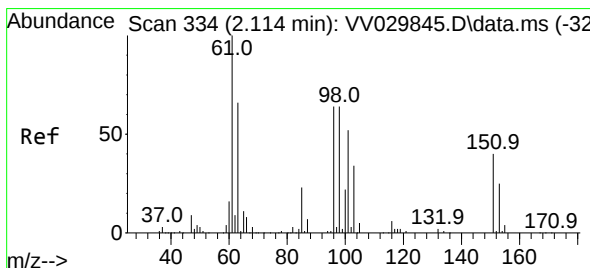
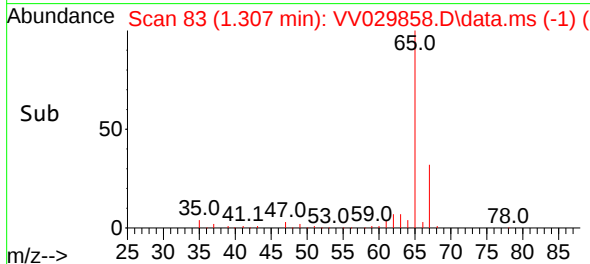
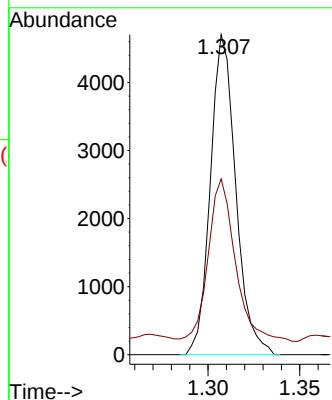
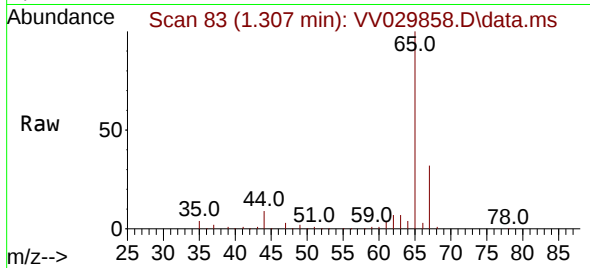




#5
 Vinyl chloride
 Concen: 0.247 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VV029858.D
 Acq: 14 Jan 2023 15:12

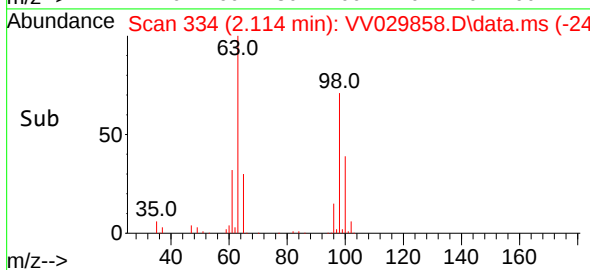
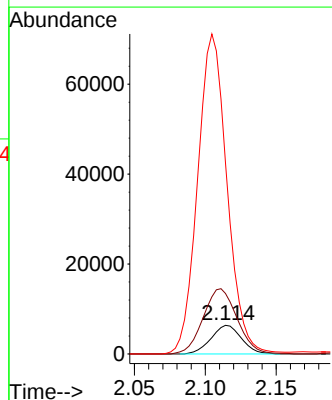
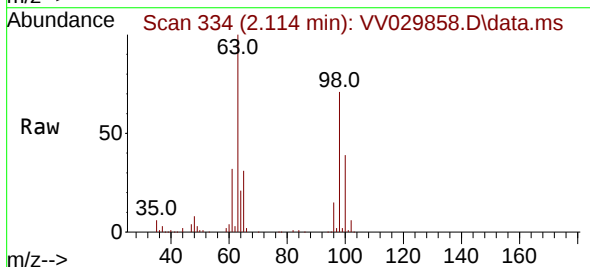
Instrument :
 MSVOA_V
 ClientSampleId :
 BH1W7

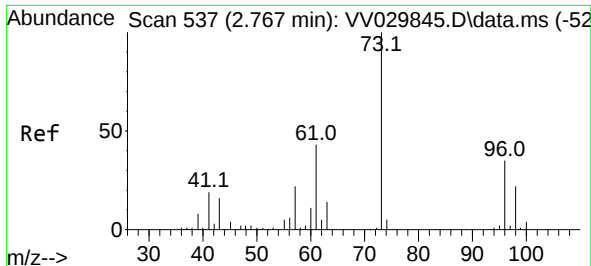
Tgt Ion: 62 Resp: 4528
 Ion Ratio Lower Upper
 62 100
 64 54.9 23.2 43.2#



#12
 1,1-Dichloroethene
 Concen: 0.582 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.003 min
 Lab File: VV029858.D
 Acq: 14 Jan 2023 15:12

Tgt Ion: 96 Resp: 9483
 Ion Ratio Lower Upper
 96 100
 61 211.2 106.1 197.1#
 63 667.2 76.4 141.8#

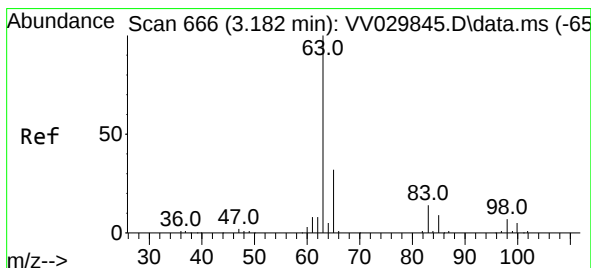
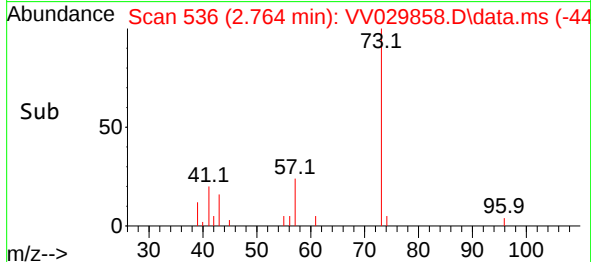
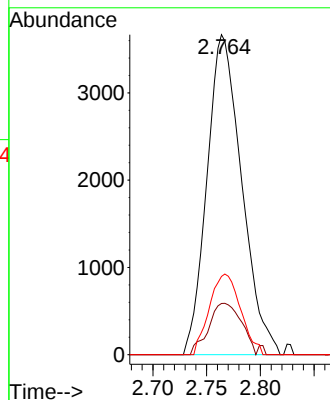
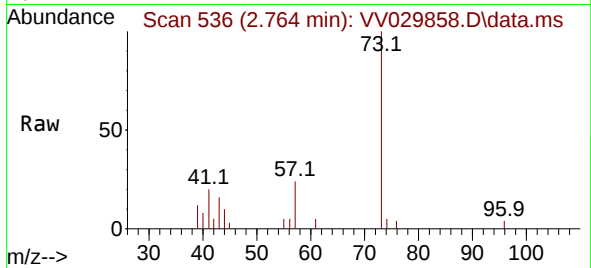




#17
Methyl tert-butyl Ether
Concen: 0.293 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV029858.D
Acq: 14 Jan 2023 15:12

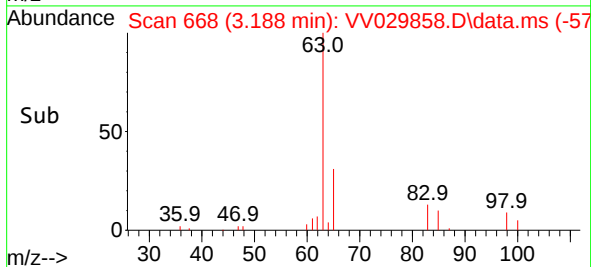
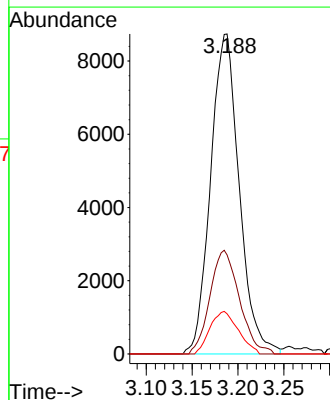
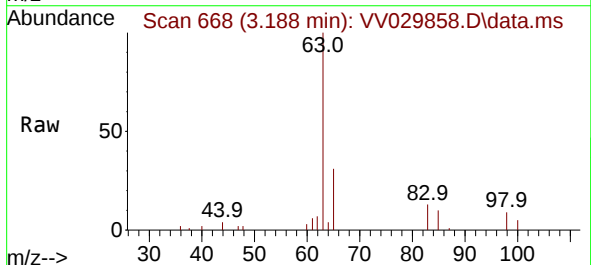
Instrument :
MSVOA_V
ClientSampleId :
BH1W7

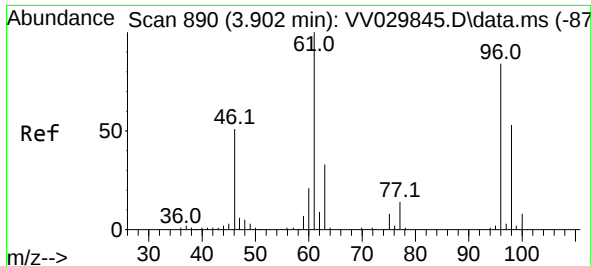
Tgt Ion: 73	Resp:	8240
Ion	Ratio	Lower Upper
73	100	
43	15.2	13.0 19.4
57	22.7	17.1 25.7



#19
1,1-Dichloroethane
Concen: 0.750 ug/L
RT: 3.188 min Scan# 668
Delta R.T. 0.010 min
Lab File: VV029858.D
Acq: 14 Jan 2023 15:12

Tgt Ion: 63	Resp:	18985
Ion	Ratio	Lower Upper
63	100	
65	31.0	22.4 41.6
83	12.6	10.2 19.0





#22

cis-1,2-Dichloroethene

Concen: 0.543 ug/L

RT: 3.902 min Scan# 890

Delta R.T. 0.003 min

Lab File: VV029858.D

Acq: 14 Jan 2023 15:12

Instrument :

MSVOA_V

ClientSampleId :

BH1W7

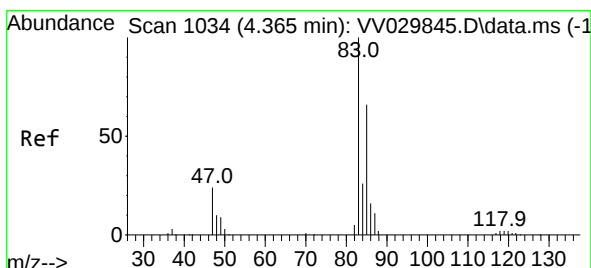
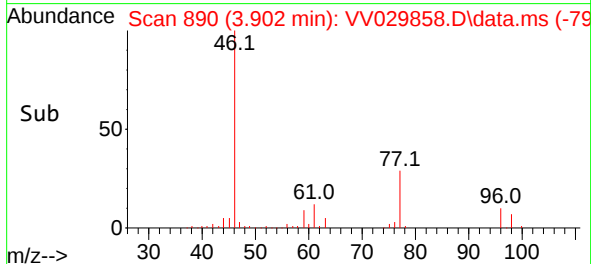
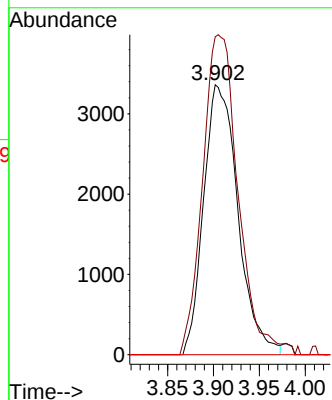
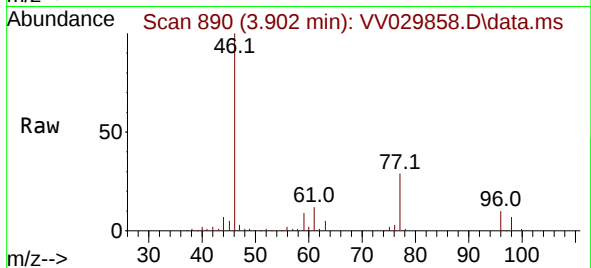
Tgt Ion: 96 Resp: 8760

Ion Ratio Lower Upper

96 100

61 117.8 80.0 148.6

68 0.0 0.0 0.0



#25

Chloroform

Concen: 0.082 ug/L

RT: 4.365 min Scan# 1034

Delta R.T. 0.003 min

Lab File: VV029858.D

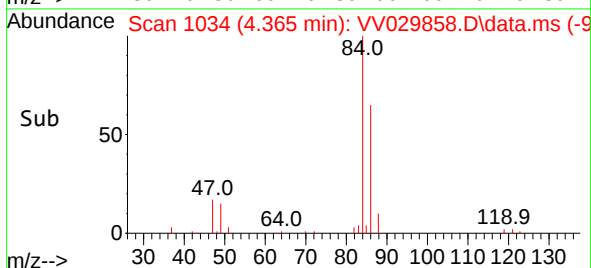
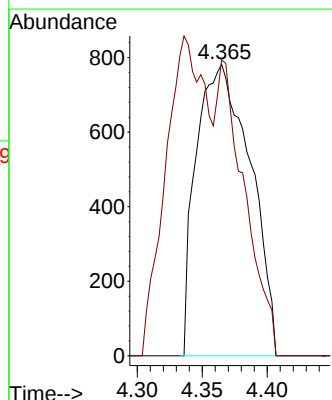
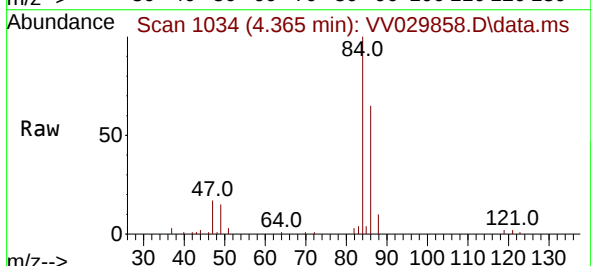
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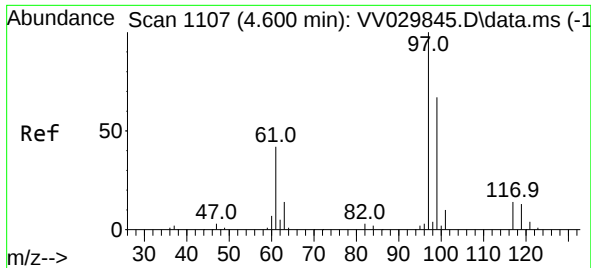
Tgt Ion: 83 Resp: 2255

Ion Ratio Lower Upper

83 100

85 101.5 46.5 86.5#





#29

1,1,1-Trichloroethane

Concen: 0.155 ug/L

RT: 4.600 min Scan# 1107

Delta R.T. 0.003 min

Lab File: VV029858.D

Acq: 14 Jan 2023 15:12

Instrument :

MSVOA_V

ClientSampleId :

BH1W7

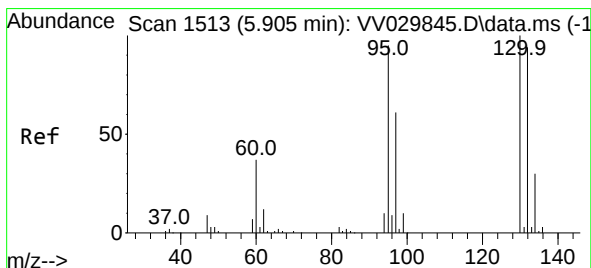
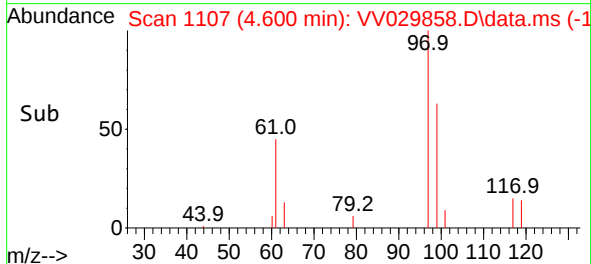
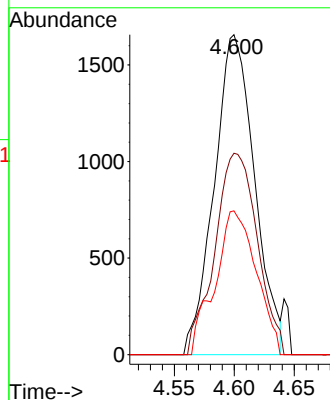
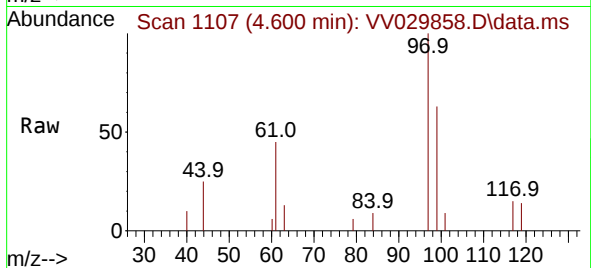
Tgt Ion: 97 Resp: 3879

Ion Ratio Lower Upper

97 100

99 66.4 51.3 76.9

61 45.9 31.6 47.4



#34

Trichloroethene

Concen: 1.986 ug/L

RT: 5.908 min Scan# 1514

Delta R.T. 0.003 min

Lab File: VV029858.D

Acq: 14 Jan 2023 15:12

Tgt Ion: 95 Resp: 32114

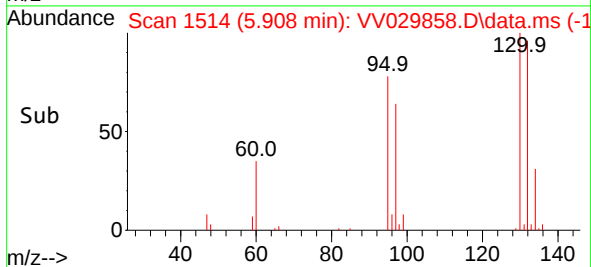
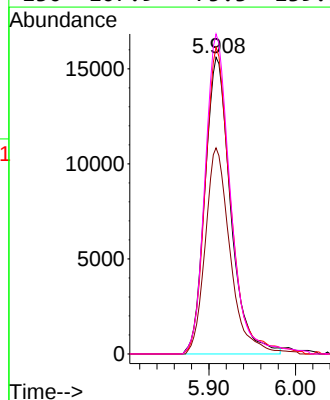
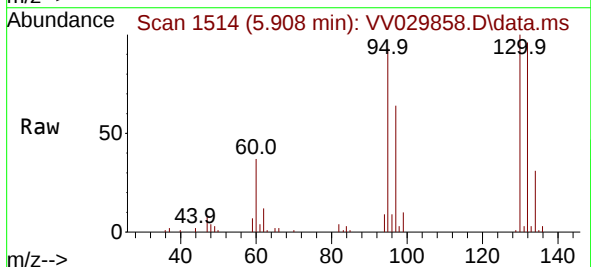
Ion Ratio Lower Upper

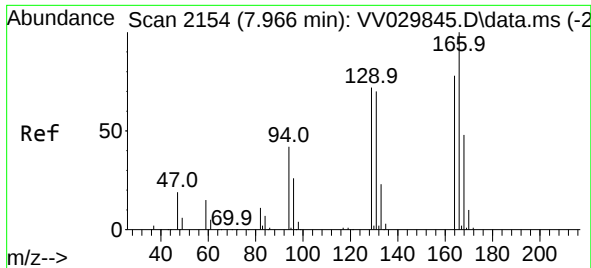
95 100

97 69.5 44.9 83.3

132 103.4 71.8 133.4

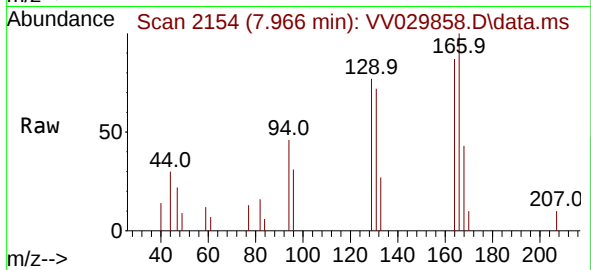
130 107.9 75.3 139.8



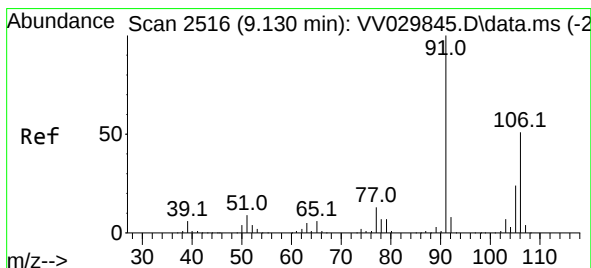
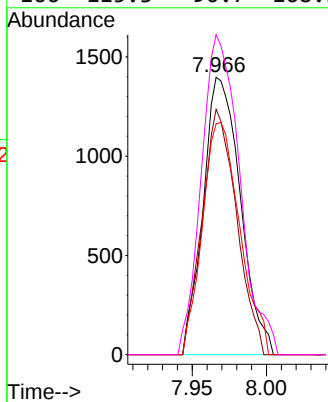
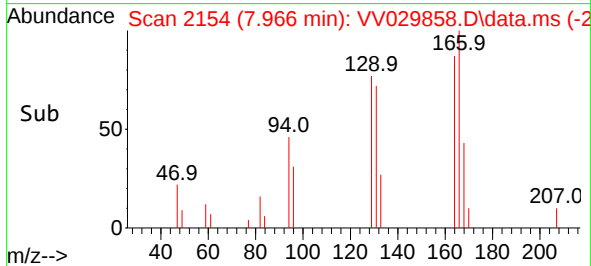


#47
Tetrachloroethene
Concen: 0.178 ug/L
RT: 7.966 min Scan# 2154
Delta R.T. -0.000 min
Lab File: VV029858.D
Acq: 14 Jan 2023 15:12

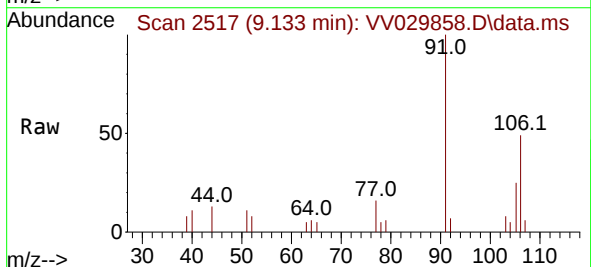
Instrument :
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Tgt Ion:164	Resp:	2429
Ion	Ratio	Lower Upper
164	100	
129	88.4	64.5 119.7
131	83.2	62.9 116.7
166	115.3	90.7 168.5



#53
m,p-Xylene
Concen: 0.065 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. 0.003 min
Lab File: VV029858.D
Acq: 14 Jan 2023 15:12



Tgt Ion:106	Resp:	1852
Ion	Ratio	Lower Upper
106	100	
91	202.8	138.7 257.7

