

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101821\
 Data File : VV022886.D
 Acq On : 18 Oct 2021 23:30
 Operator : SY/MD
 Sample : M4137-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFG89

Quant Time: Oct 19 04:08:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 19 04:07:06 2021
 Response via : Initial Calibration

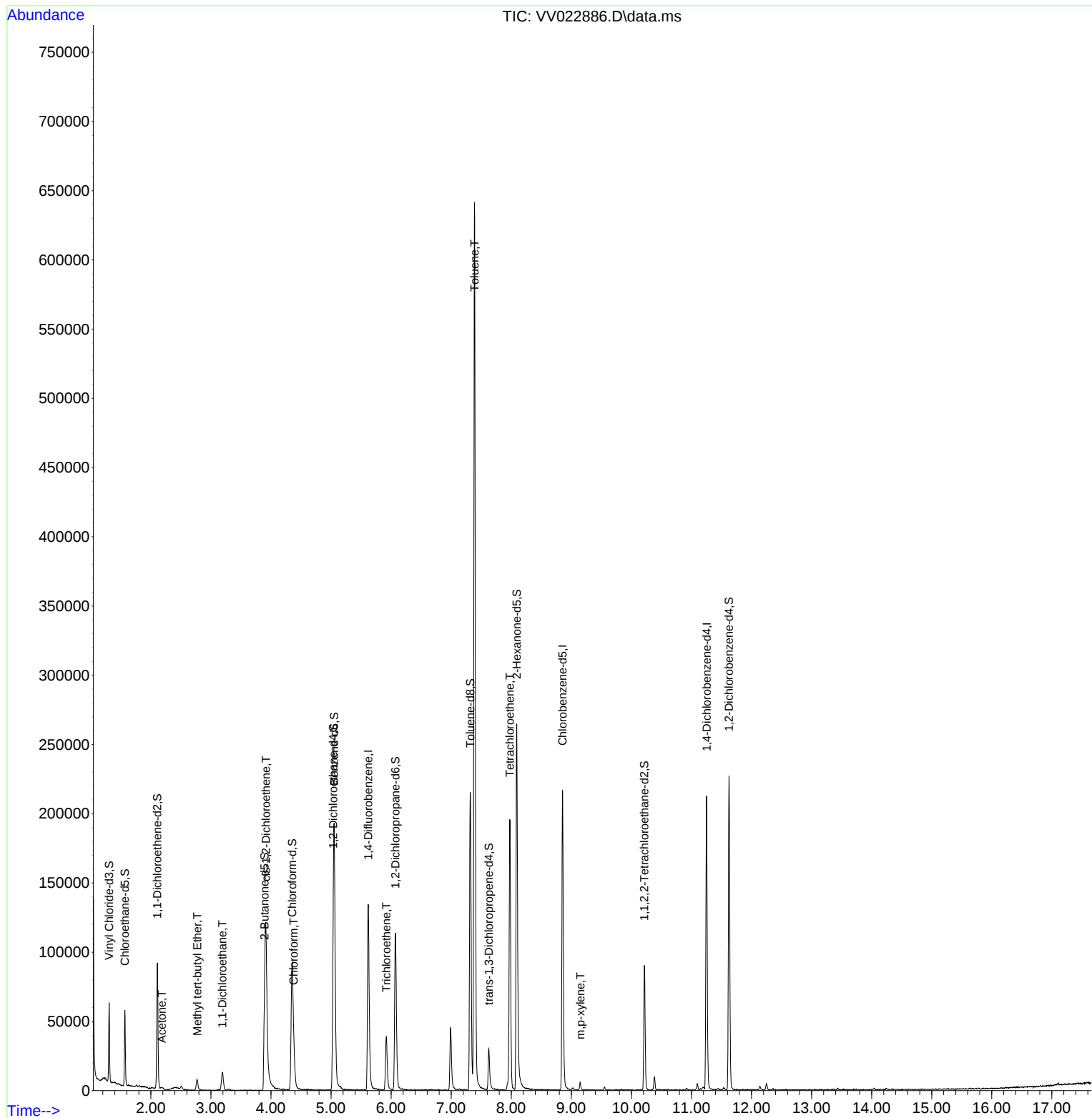
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	118852	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	122590	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	57440	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	34417	4.21	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.20%
7) Chloroethane-d5	1.568	69	33039	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.00%
11) 1,1-Dichloroethene-d2	2.108	63	46813	2.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.40%#
20) 2-Butanone-d5	3.892	46	93723	43.71	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.42%
24) Chloroform-d	4.352	84	93609	5.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.00%
26) 1,2-Dichloroethane-d4	5.037	65	43918	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.40%
32) Benzene-d6	5.053	84	174392	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
36) 1,2-Dichloropropane-d6	6.072	67	57100	5.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.60%
41) Toluene-d8	7.317	98	148680	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
43) trans-1,3-Dichloroprop...	7.628	79	18114	5.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.00%
46) 2-Hexanone-d5	8.091	63	93200	64.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	129.02%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	41874	5.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.40%
66) 1,2-Dichlorobenzene-d4	11.625	152	60413	5.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.40%
Target Compounds						
13) Acetone	2.182	43	2535	2.12	ug/L	97
17) Methyl tert-butyl Ether	2.773	73	7012	0.40	ug/L	98
19) 1,1-Dichloroethane	3.191	63	11300	0.80	ug/L	98
22) cis-1,2-Dichloroethene	3.915	96	50863	6.20	ug/L	95
25) Chloroform	4.378	83	20680	1.27	ug/L	97
34) Trichloroethene	5.921	95	13140	1.46	ug/L	93
42) Toluene	7.387	91	465911	13.90	ug/L	100
47) Tetrachloroethene	7.979	164	45744	6.30	ug/L	98
53) m,p-xylene	9.149	106	1636	0.12	ug/L	81

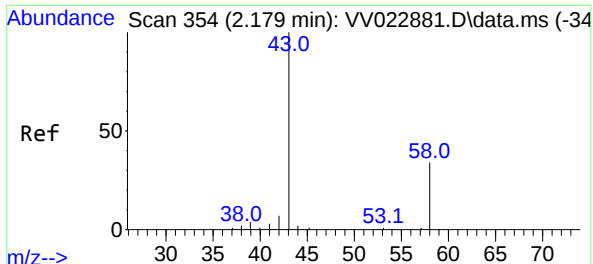
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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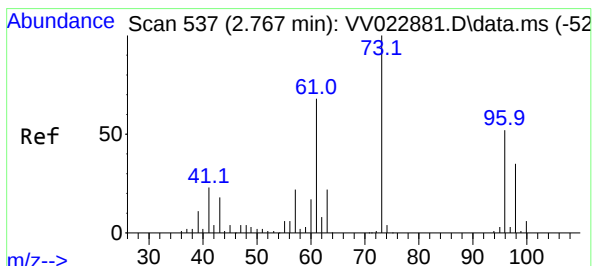
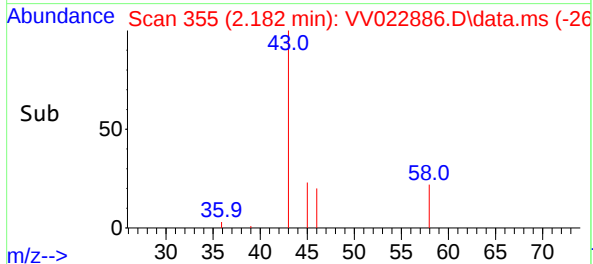
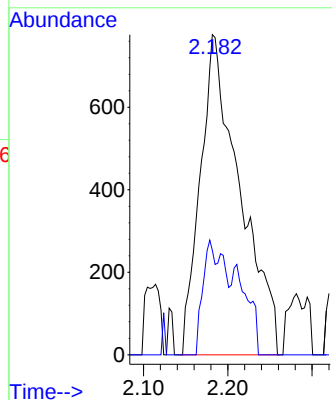
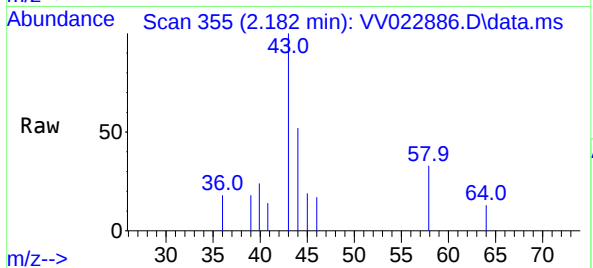




#13
Acetone
Concen: 2.12 ug/L
RT: 2.182 min Scan# 355
Delta R.T. 0.003 min
Lab File: VV022886.D
Acq: 18 Oct 2021 23:30

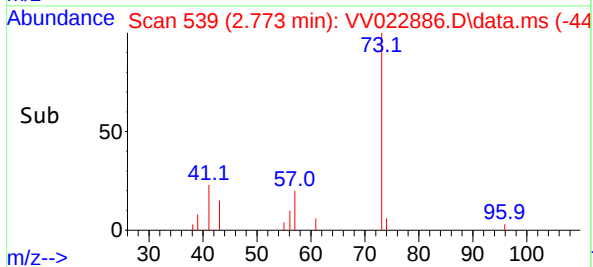
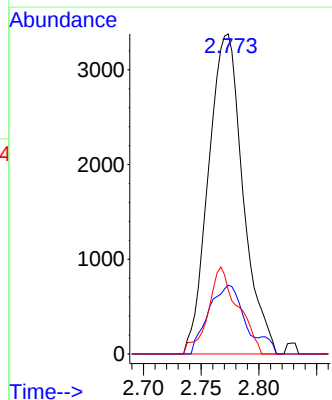
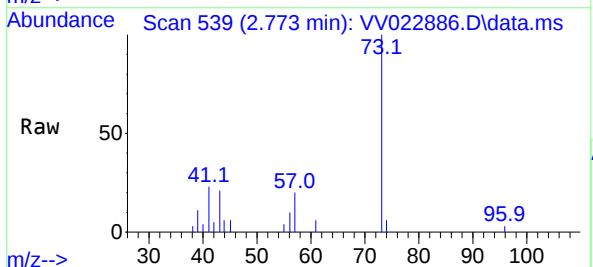
Instrument :
MSVOA_V
ClientSampleId :
BFG89

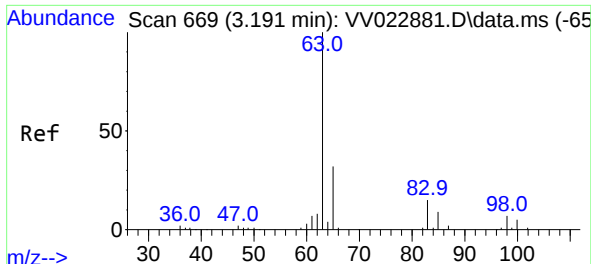
Tgt Ion: 43 Resp: 2535
Ion Ratio Lower Upper
43 100
58 11.0 0.0 24.2



#17
Methyl tert-butyl Ether
Concen: 0.40 ug/L
RT: 2.773 min Scan# 539
Delta R.T. 0.006 min
Lab File: VV022886.D
Acq: 18 Oct 2021 23:30

Tgt Ion: 73 Resp: 7012
Ion Ratio Lower Upper
73 100
43 21.6 17.1 25.7
57 23.6 17.2 25.8



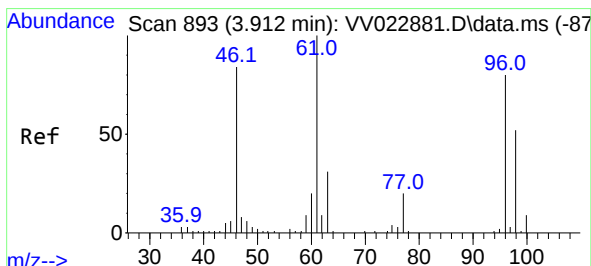
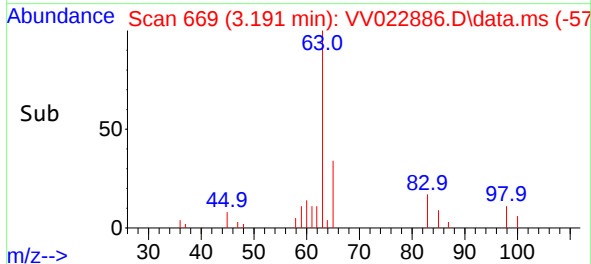
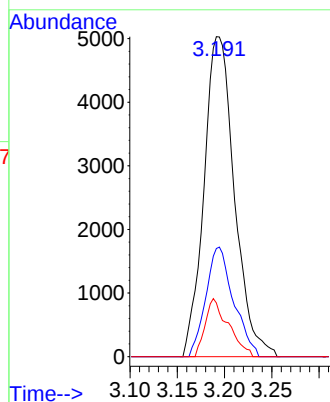
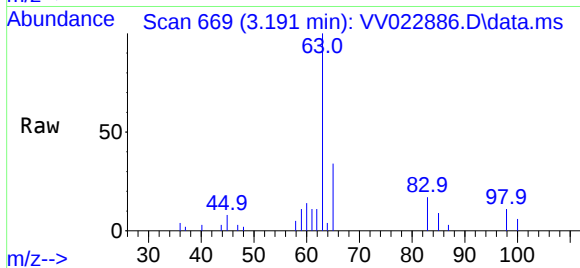


#19
1,1-Dichloroethane
Concen: 0.80 ug/L
RT: 3.191 min Scan# 669
Delta R.T. -0.000 min
Lab File: VV022886.D
Acq: 18 Oct 2021 23:30

Instrument :
MSVOA_V
ClientSampled :
BFG89

Tgt Ion: 63 Resp: 11300

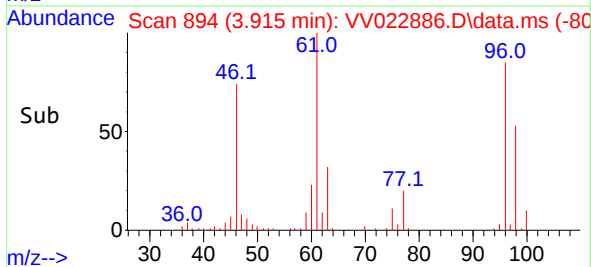
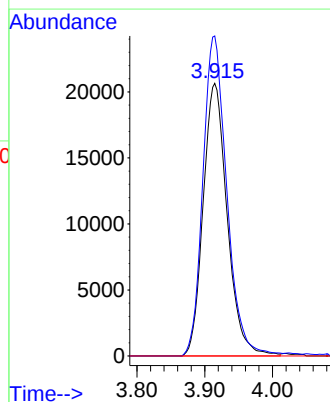
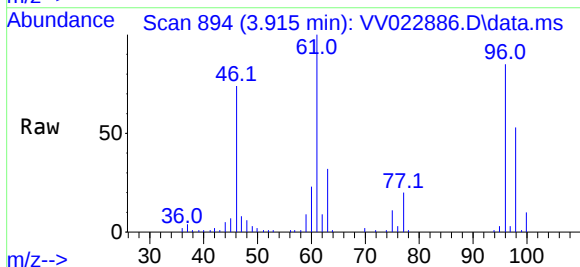
Ion	Ratio	Lower	Upper
63	100		
65	33.8	23.5	43.7
83	16.8	10.1	18.7

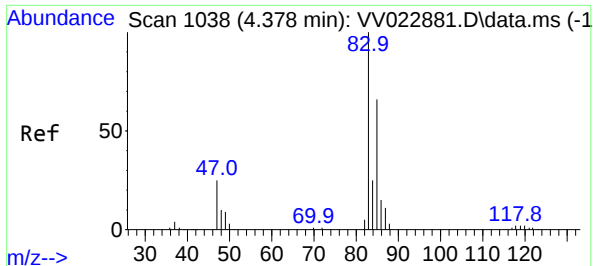


#22
cis-1,2-Dichloroethene
Concen: 6.20 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.003 min
Lab File: VV022886.D
Acq: 18 Oct 2021 23:30

Tgt Ion: 96 Resp: 50863

Ion	Ratio	Lower	Upper
96	100		
61	117.4	86.0	159.6
68	0.0	0.0	0.0



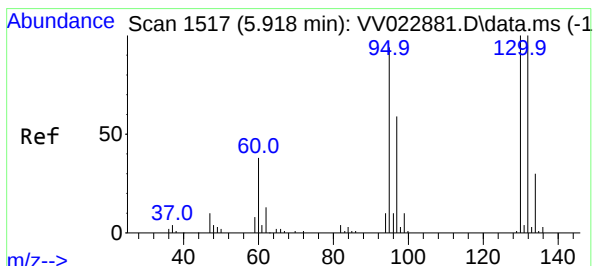
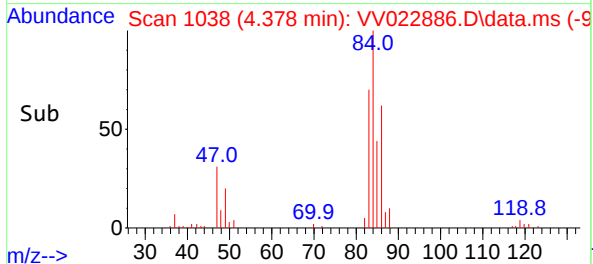
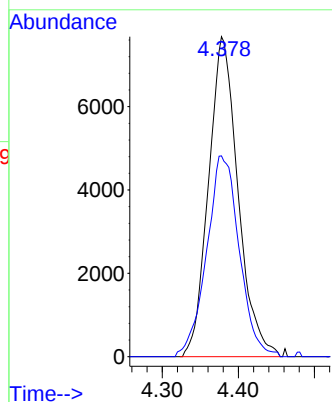
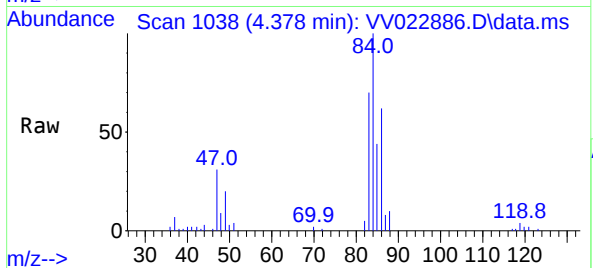


#25

Chloroform
Concen: 1.27 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VV022886.D
Acq: 18 Oct 2021 23:30

Instrument :
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ClientSampled :
BFG89

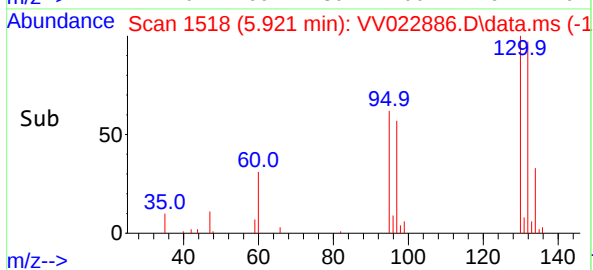
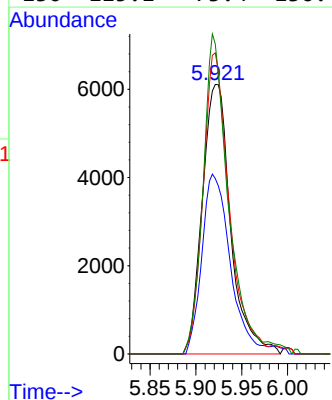
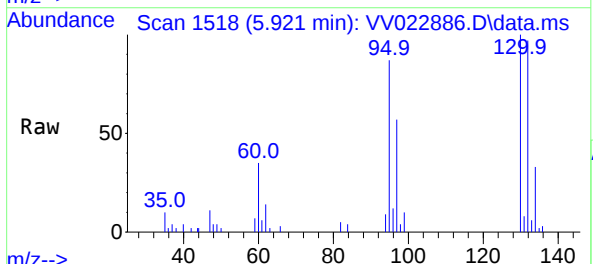
Tgt Ion: 83 Resp: 20680
Ion Ratio Lower Upper
83 100
85 62.7 45.7 84.9

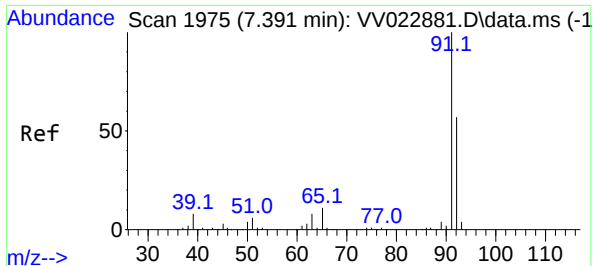


#34

Trichloroethene
Concen: 1.46 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.003 min
Lab File: VV022886.D
Acq: 18 Oct 2021 23:30

Tgt Ion: 95 Resp: 13140
Ion Ratio Lower Upper
95 100
97 65.1 45.8 85.2
132 111.7 72.2 134.0
130 115.1 73.4 136.4

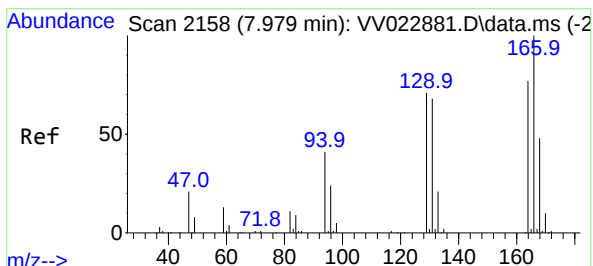
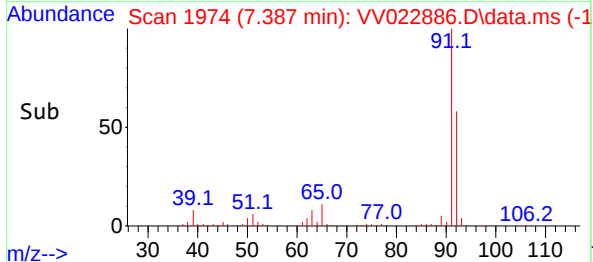
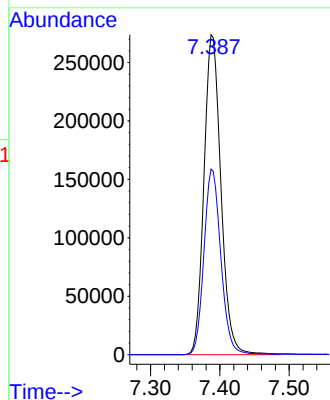
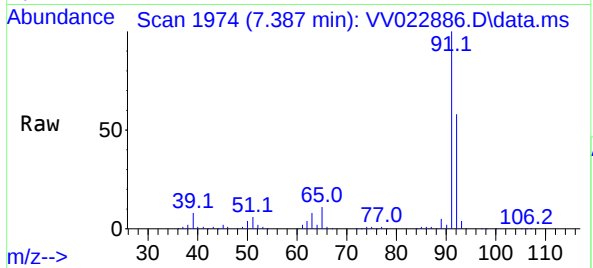




#42
Toluene
Concen: 13.90 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. -0.003 min
Lab File: VV022886.D
Acq: 18 Oct 2021 23:30

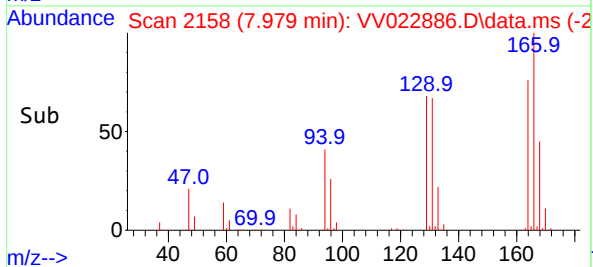
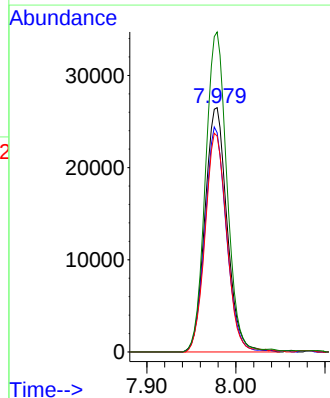
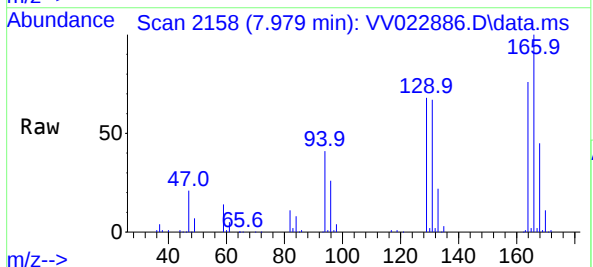
Instrument :
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ClientSampleId :
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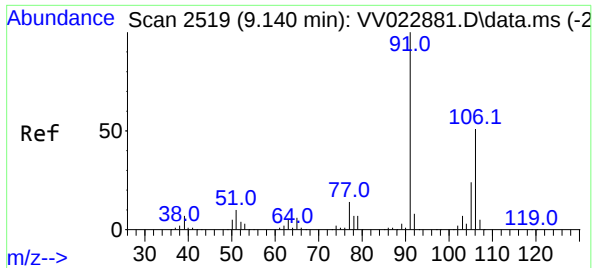
Tgt Ion: 91 Resp: 465911
Ion Ratio Lower Upper
91 100
92 58.0 40.7 75.7



#47
Tetrachloroethene
Concen: 6.30 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. -0.000 min
Lab File: VV022886.D
Acq: 18 Oct 2021 23:30

Tgt Ion: 164 Resp: 45744
Ion Ratio Lower Upper
164 100
129 89.7 65.0 120.6
131 88.4 62.2 115.4
166 131.0 89.2 165.8





#53
 m,p-xylene
 Concen: 0.12 ug/L
 RT: 9.149 min Scan# 2522
 Delta R.T. 0.010 min
 Lab File: VV022886.D
 Acq: 18 Oct 2021 23:30

Instrument :
 MSVOA_V
 ClientSampleId :
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Tgt Ion:106 Resp: 1636
 Ion Ratio Lower Upper
 106 100
 91 169.9 138.7 257.5

