

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102021\
 Data File : VW022937.D
 Acq On : 20 Oct 2021 17:18
 Operator : SY/MD
 Sample : M4137-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFG89

Quant Time: Oct 21 02:47:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 21 02:43:59 2021
 Response via : Initial Calibration

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

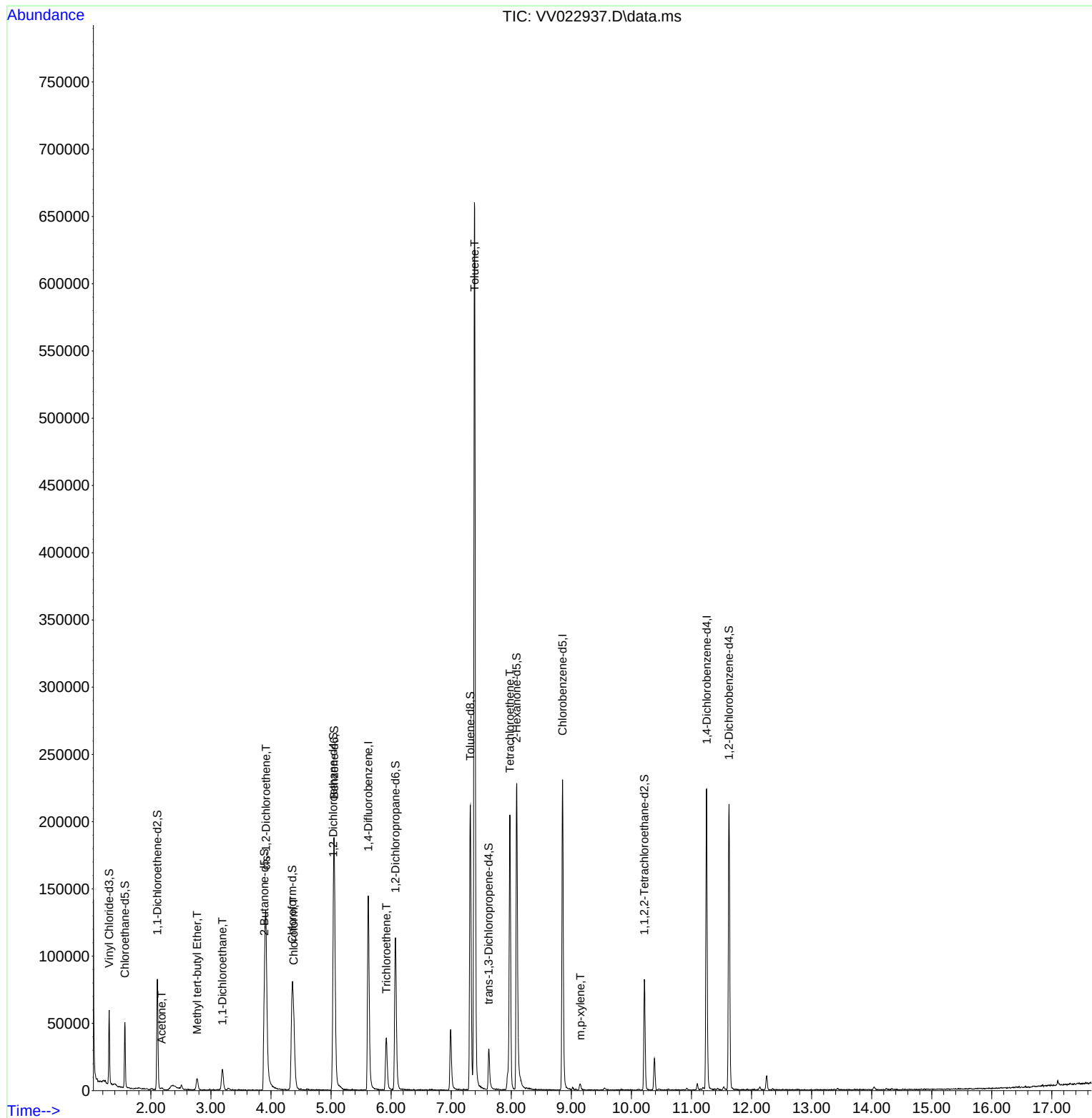
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	128358	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	130460	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	59579	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	32926	3.73	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.60%
7) Chloroethane-d5	1.568	69	29031	3.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.20%
11) 1,1-Dichloroethene-d2	2.108	63	42202	2.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	48.80%#
20) 2-Butanone-d5	3.889	46	95232	41.13	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.26%
24) Chloroform-d	4.352	84	67760	3.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.40%
26) 1,2-Dichloroethane-d4	5.037	65	41987	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	5.053	84	174387	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
36) 1,2-Dichloropropane-d6	6.072	67	56912	4.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.00%
41) Toluene-d8	7.320	98	143320	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
43) trans-1,3-Dichloroprop...	7.625	79	18226	4.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.60%
46) 2-Hexanone-d5	8.088	63	77198	50.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.42%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	38617	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.20%
66) 1,2-Dichlorobenzene-d4	11.625	152	55977	5.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.40%
Target Compounds					Qvalue	
13) Acetone	2.178	43	1970	1.53	ug/L	# 30
17) Methyl tert-butyl Ether	2.770	73	7658	0.41	ug/L	# 95
19) 1,1-Dichloroethane	3.191	63	13368	0.88	ug/L	97
22) cis-1,2-Dichloroethene	3.915	96	58687	6.63	ug/L	98
25) Chloroform	4.378	83	44660	2.54	ug/L	97
34) Trichloroethene	5.921	95	13252	1.39	ug/L	96
42) Toluene	7.387	91	479429	13.44	ug/L	99
47) Tetrachloroethene	7.979	164	46763	6.05	ug/L	98
53) m,p-xylene	9.149	106	1573	0.11	ug/L	78

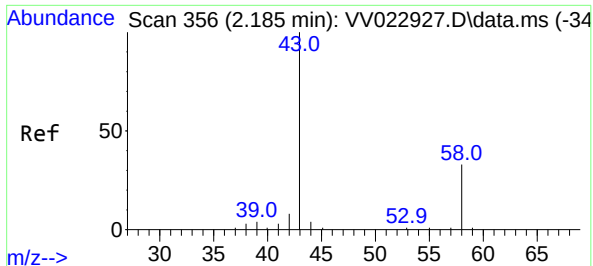
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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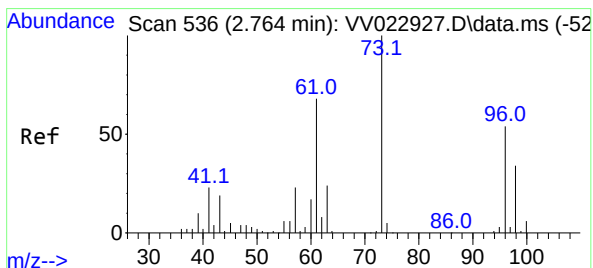
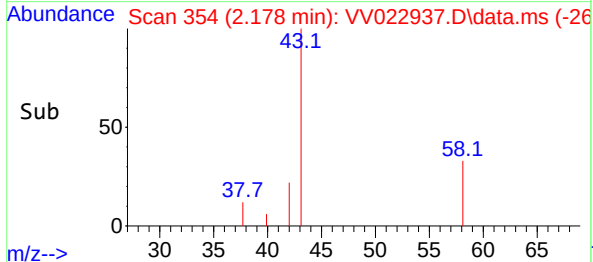
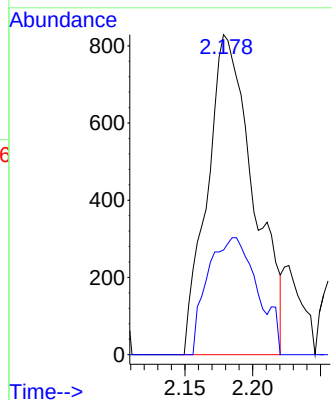
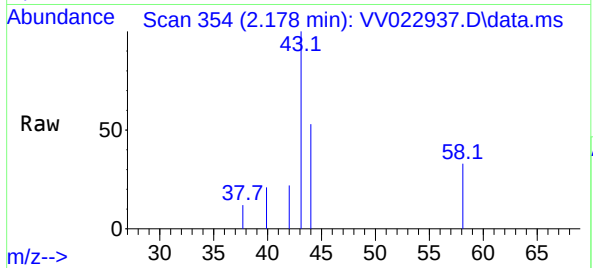




#13
Acetone
Concen: 1.53 ug/L
RT: 2.178 min Scan# 354
Delta R.T. -0.007 min
Lab File: VV022937.D
Acq: 20 Oct 2021 17:18

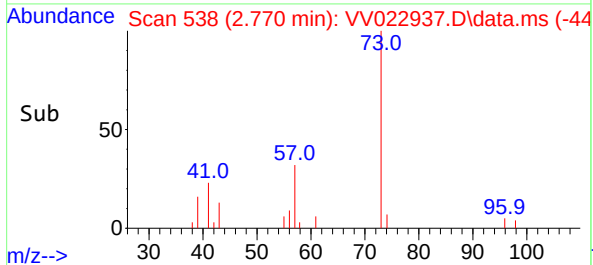
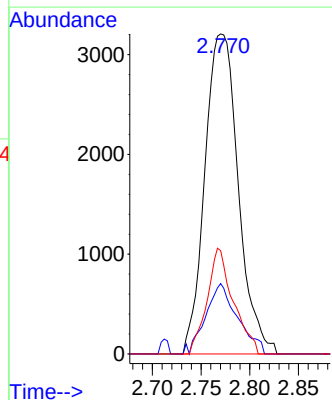
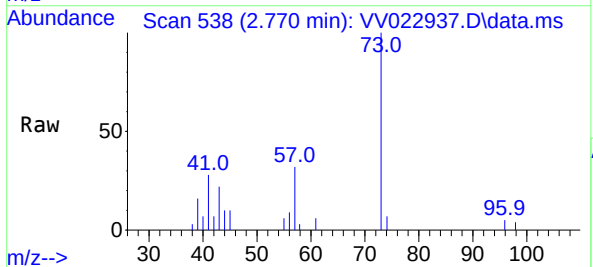
Instrument :
MSVOA_V
ClientSampleId :
BFG89

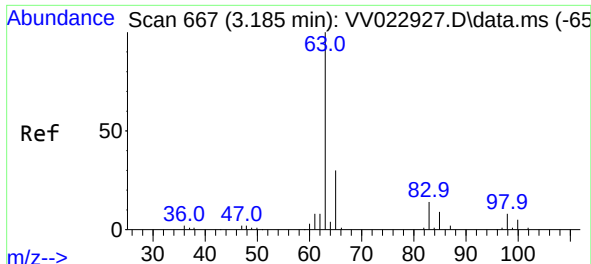
Tgt Ion: 43 Resp: 1970
Ion Ratio Lower Upper
43 100
58 39.2 0.0 24.2#



#17
Methyl tert-butyl Ether
Concen: 0.41 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.006 min
Lab File: VV022937.D
Acq: 20 Oct 2021 17:18

Tgt Ion: 73 Resp: 7658
Ion Ratio Lower Upper
73 100
43 21.0 17.1 25.7
57 25.8 17.2 25.8#



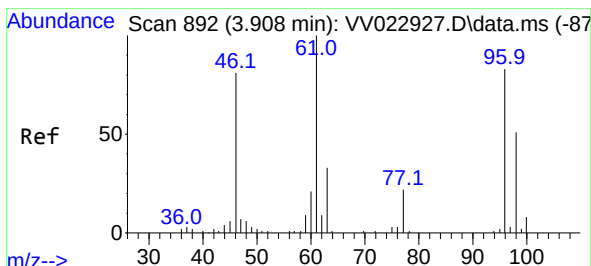
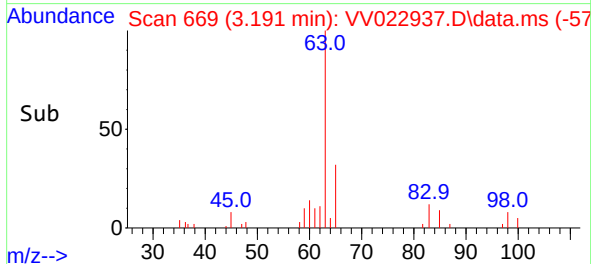
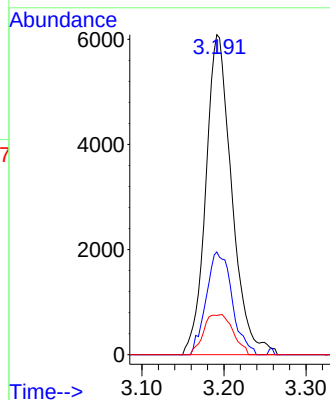
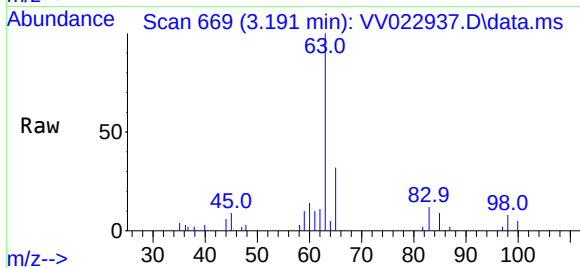


#19

1,1-Dichloroethane
Concen: 0.88 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.006 min
Lab File: VV022937.D
Acq: 20 Oct 2021 17:18

Instrument :
MSVOA_V
ClientSampleId :
BFG89

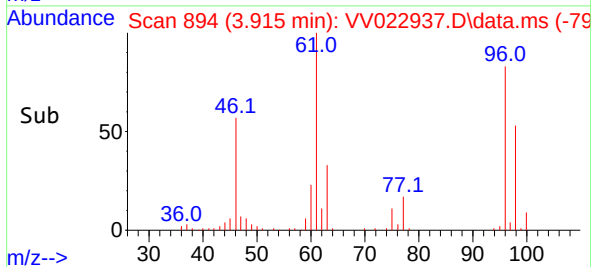
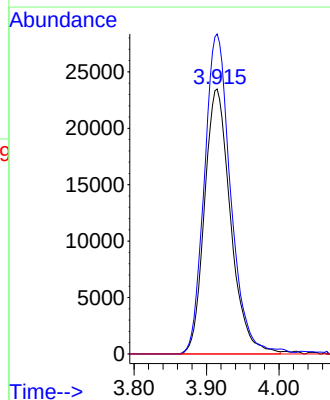
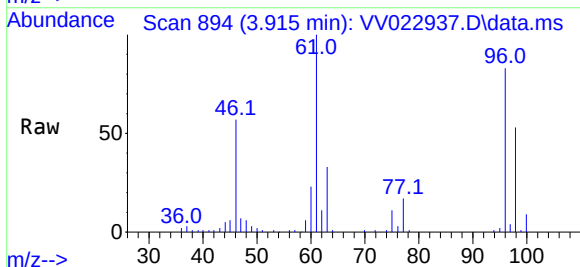
Tgt Ion:	63	Resp:	13368
Ion	Ratio	Lower	Upper
63	100		
65	32.1	23.5	43.7
83	12.3	10.1	18.7

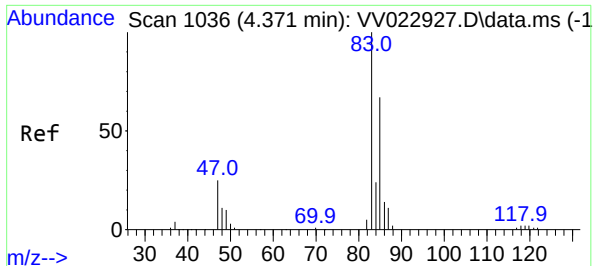


#22

cis-1,2-Dichloroethene
Concen: 6.63 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.006 min
Lab File: VV022937.D
Acq: 20 Oct 2021 17:18

Tgt Ion:	96	Resp:	58687
Ion	Ratio	Lower	Upper
96	100		
61	120.8	86.0	159.6
68	0.0	0.0	0.0



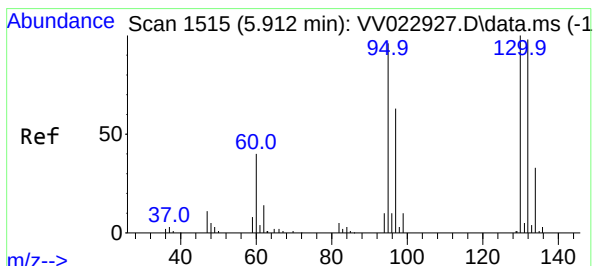
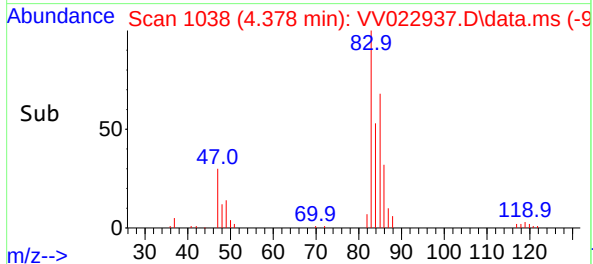
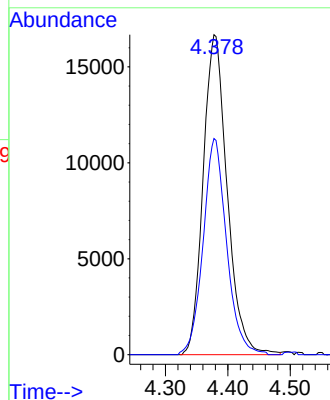
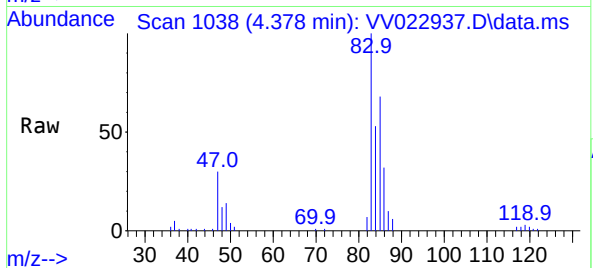


#25

Chloroform
Concen: 2.54 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VV022937.D
Acq: 20 Oct 2021 17:18

Instrument :
MSVOA_V
ClientSampled :
BFG89

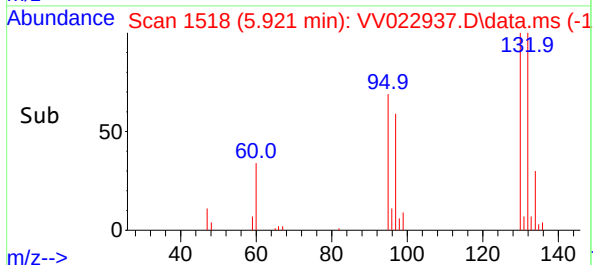
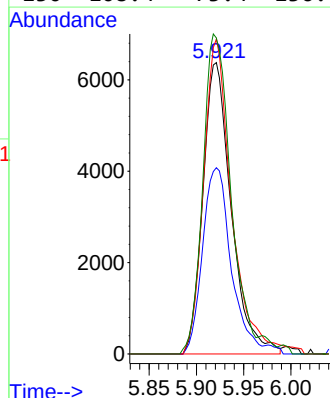
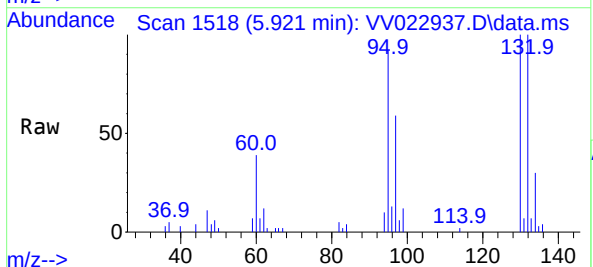
Tgt Ion: 83 Resp: 44660
Ion Ratio Lower Upper
83 100
85 67.5 45.7 84.9

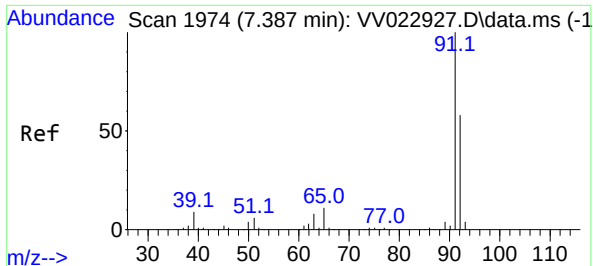


#34

Trichloroethene
Concen: 1.39 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.010 min
Lab File: VV022937.D
Acq: 20 Oct 2021 17:18

Tgt Ion: 95 Resp: 13252
Ion Ratio Lower Upper
95 100
97 63.9 45.8 85.2
132 108.0 72.2 134.0
130 108.4 73.4 136.4

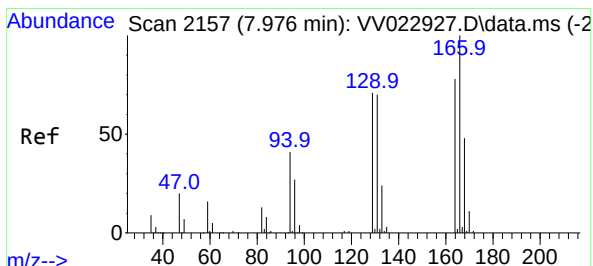
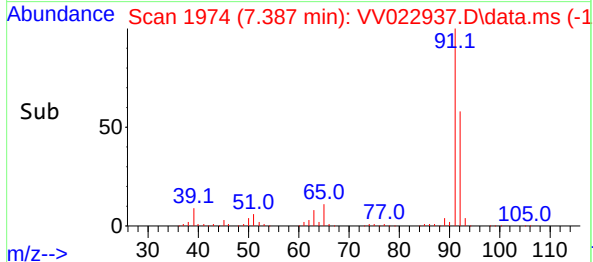
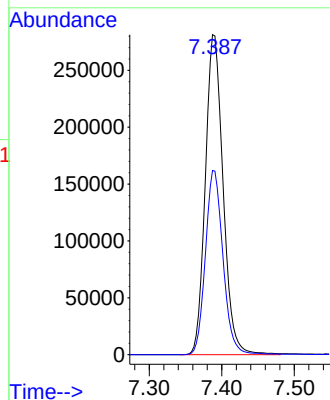
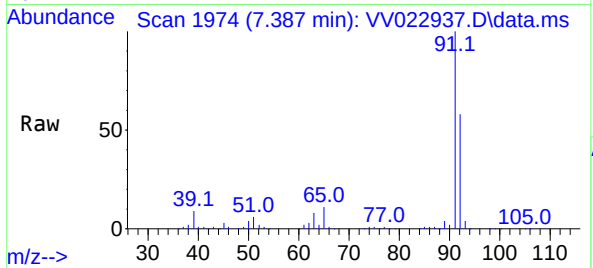




#42
Toluene
Concen: 13.44 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. -0.000 min
Lab File: VV022937.D
Acq: 20 Oct 2021 17:18

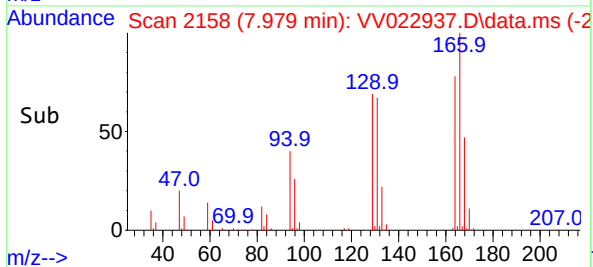
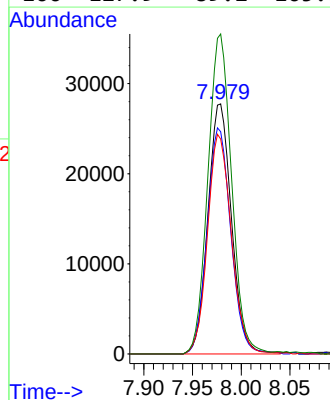
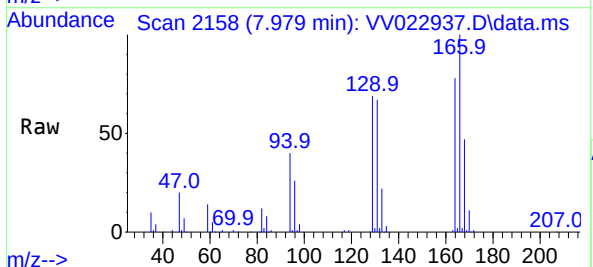
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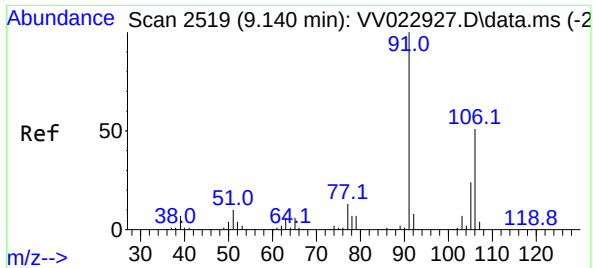
Tgt Ion: 91 Resp: 479429
Ion Ratio Lower Upper
91 100
92 57.6 40.7 75.7



#47
Tetrachloroethene
Concen: 6.05 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV022937.D
Acq: 20 Oct 2021 17:18

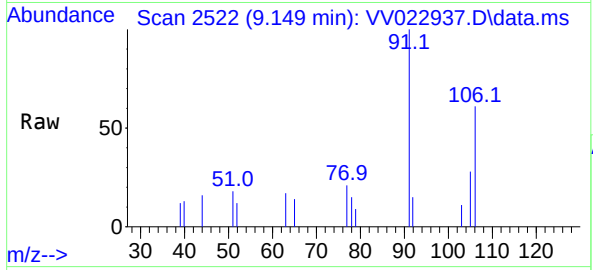
Tgt Ion:164 Resp: 46763
Ion Ratio Lower Upper
164 100
129 88.9 65.0 120.6
131 85.9 62.2 115.4
166 127.9 89.2 165.8





#53
 m,p-xylene
 Concen: 0.11 ug/L
 RT: 9.149 min Scan# 2522
 Delta R.T. 0.010 min
 Lab File: VV022937.D
 Acq: 20 Oct 2021 17:18

Instrument :
 MSVOA_V
 ClientSampleId :
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Tgt Ion:106 Resp: 1573
 Ion Ratio Lower Upper
 106 100
 91 165.2 138.7 257.5

