

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121622\
 Data File : VW029696.D
 Acq On : 16 Dec 2022 14:35
 Operator : SY/MD
 Sample : N6034-20
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGP6

Quant Time: Dec 16 20:18:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 16 20:17:28 2022
 Response via : Initial Calibration

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

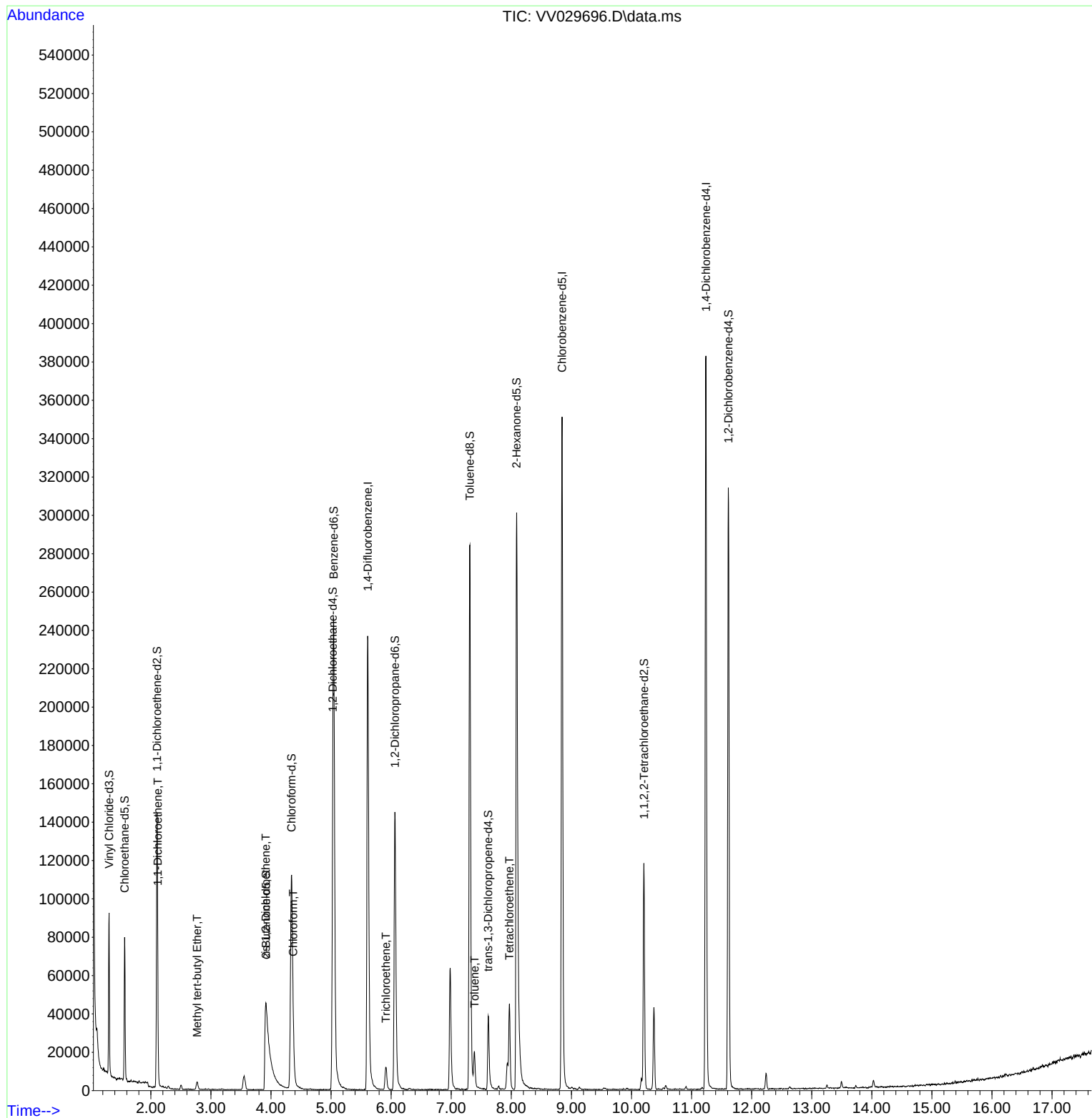
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	229687	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	209241	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	107941	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	50062	3.542	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.800%
7) Chloroethane-d5	1.564	69	47779	4.618	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.400%
11) 1,1-Dichloroethene-d2	2.101	63	72286	3.196	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.000%
20) 2-Butanone-d5	3.915	46	147231	62.265	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.520%
24) Chloroform-d	4.339	84	121469	4.814	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
26) 1,2-Dichloroethane-d4	5.027	65	55798	5.027	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
32) Benzene-d6	5.043	84	245966	4.253	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
36) 1,2-Dichloropropane-d6	6.063	67	77637	4.778	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.600%
41) Toluene-d8	7.310	98	209709	3.842	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.800%
43) trans-1,3-Dichloroprop...	7.616	79	26253	4.190	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.800%
46) 2-Hexanone-d5	8.088	63	131992	59.104	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.200%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	58972	5.881	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	117.600%
66) 1,2-Dichlorobenzene-d4	11.612	152	86652	4.595	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.000%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.114	96	4333	0.367	ug/L #	1
17) Methyl tert-butyl Ether	2.770	73	4136	0.137	ug/L #	83
22) cis-1,2-Dichloroethene	3.912	96	2929	0.189	ug/L	100
25) Chloroform	4.368	83	17808	0.699	ug/L	98
34) Trichloroethene	5.912	95	3927	0.246	ug/L	96
42) Toluene	7.387	91	14243	0.212	ug/L	96
47) Tetrachloroethene	7.966	164	10670	0.815	ug/L	98

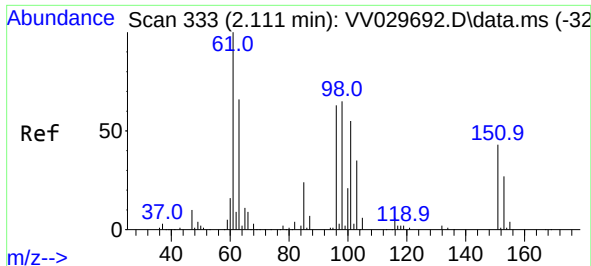
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 16 20:17:28 2022
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#12

1,1-Dichloroethene

Concen: 0.367 ug/L

RT: 2.114 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV029696.D

Acq: 16 Dec 2022 14:35

Instrument :

MSVOA_V

ClientSampleId :

BGPK6

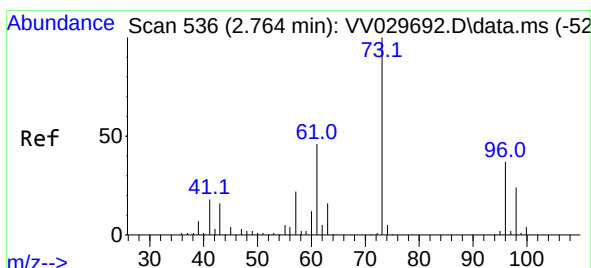
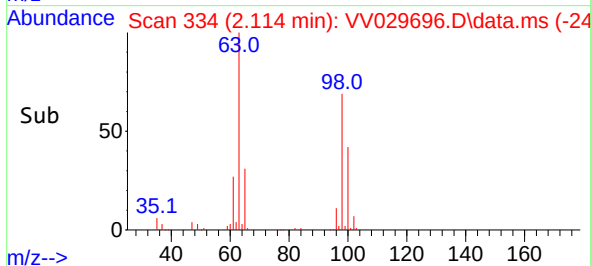
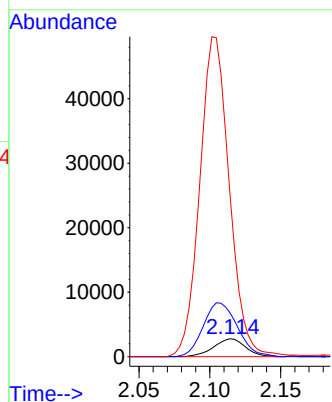
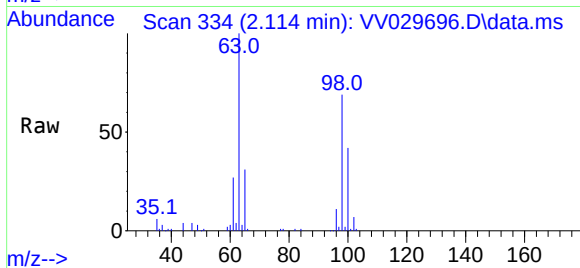
Tgt Ion: 96 Resp: 4333

Ion Ratio Lower Upper

96 100

61 244.7 110.3 204.9#

63 905.2 84.4 156.8#



#17

Methyl tert-butyl Ether

Concen: 0.137 ug/L

RT: 2.770 min Scan# 538

Delta R.T. 0.007 min

Lab File: VV029696.D

Acq: 16 Dec 2022 14:35

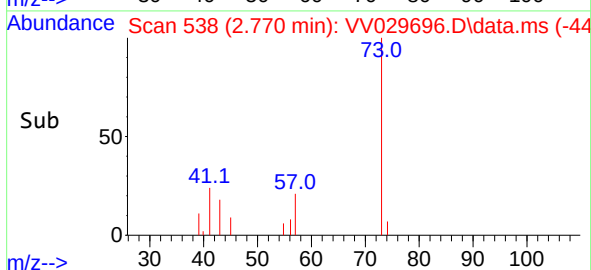
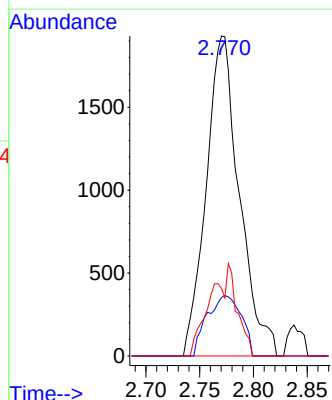
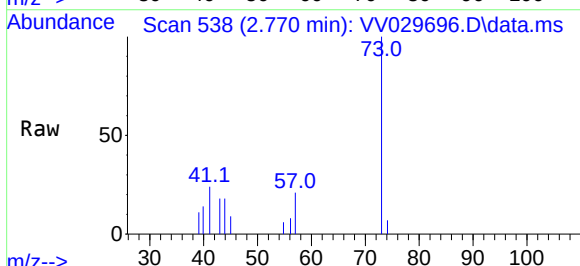
Tgt Ion: 73 Resp: 4136

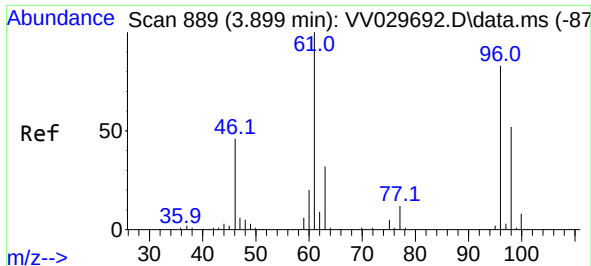
Ion Ratio Lower Upper

73 100

43 19.4 13.2 19.8

57 9.4 16.9 25.3#

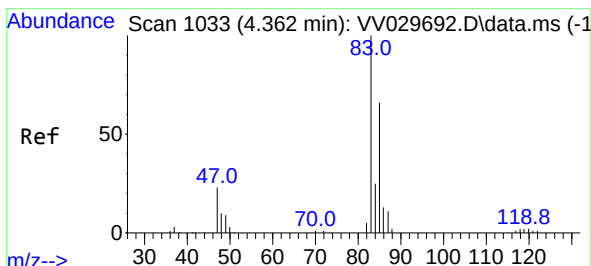
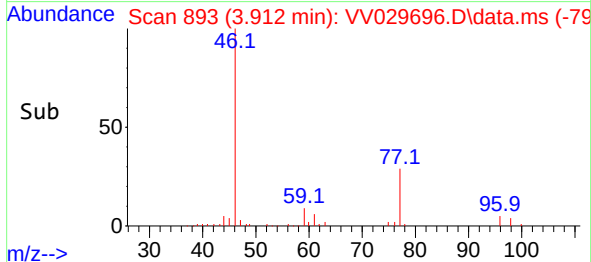
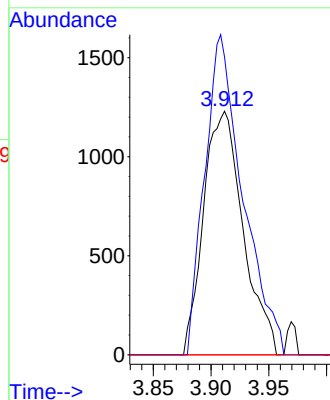
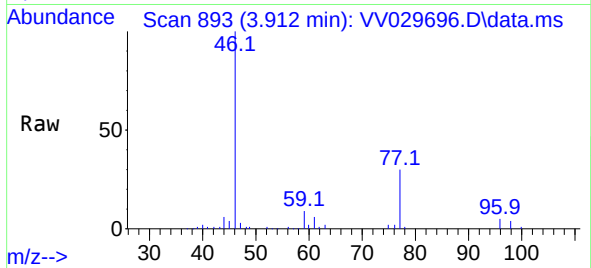




#22
cis-1,2-Dichloroethene
Concen: 0.189 ug/L
RT: 3.912 min Scan# 891
Delta R.T. 0.013 min
Lab File: VV029696.D
Acq: 16 Dec 2022 14:35

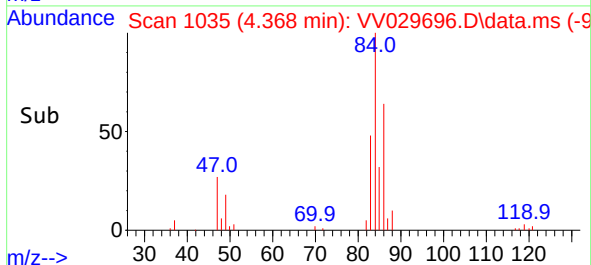
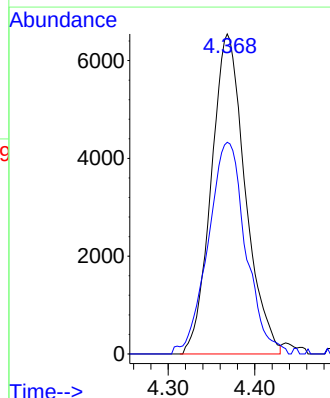
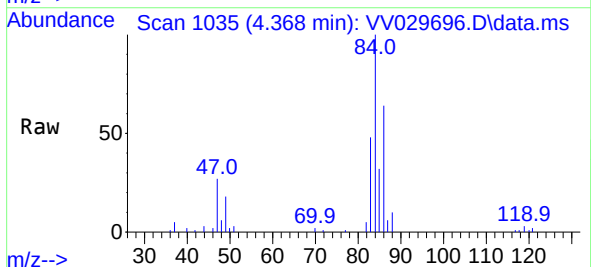
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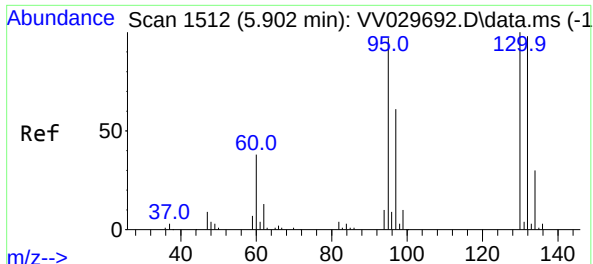
Tgt Ion: 96 Resp: 2929
Ion Ratio Lower Upper
96 100
61 122.3 85.8 159.3
68 0.0 0.0 0.0



#25
Chloroform
Concen: 0.699 ug/L
RT: 4.368 min Scan# 1035
Delta R.T. 0.007 min
Lab File: VV029696.D
Acq: 16 Dec 2022 14:35

Tgt Ion: 83 Resp: 17808
Ion Ratio Lower Upper
83 100
85 66.2 45.4 84.4

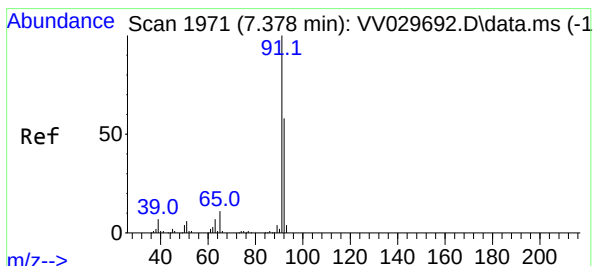
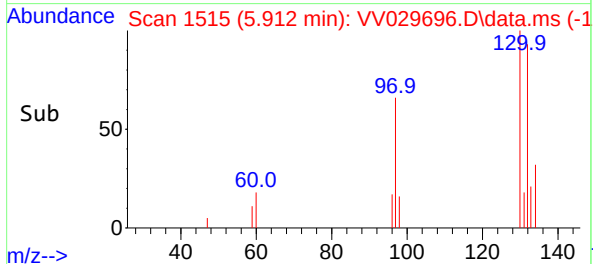
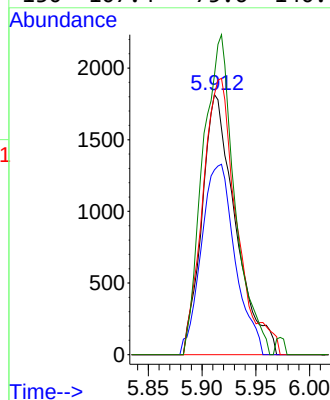
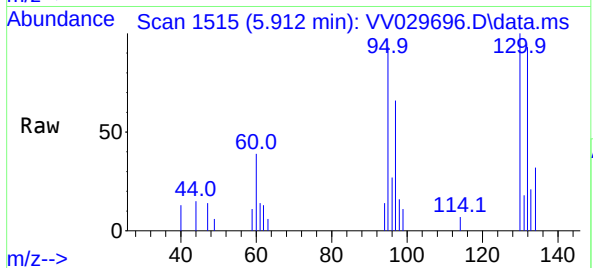




#34
Trichloroethene
Concen: 0.246 ug/L
RT: 5.912 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV029696.D
Acq: 16 Dec 2022 14:35

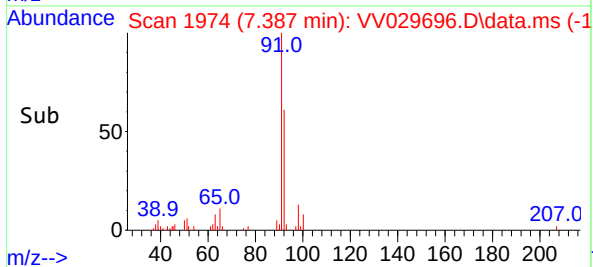
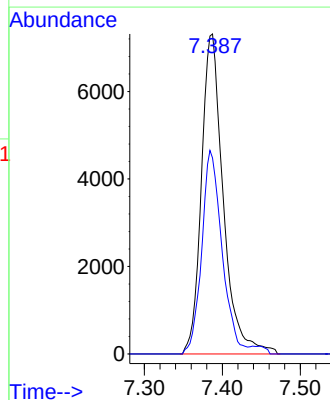
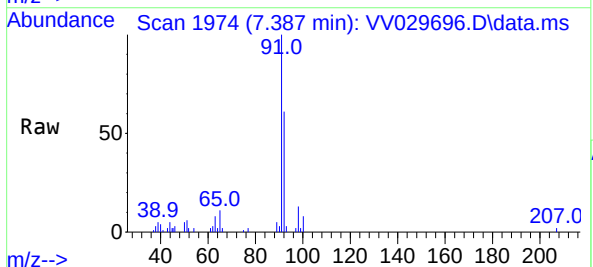
Instrument :
MSVOA_V
ClientSampleId :
BGP6

Tgt Ion: 95 Resp: 3927
Ion Ratio Lower Upper
95 100
97 71.1 45.4 84.4
132 100.1 73.3 136.1
130 107.4 75.6 140.4

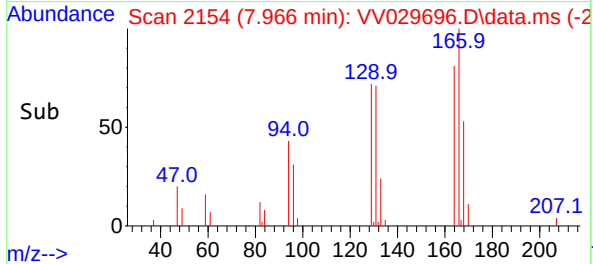
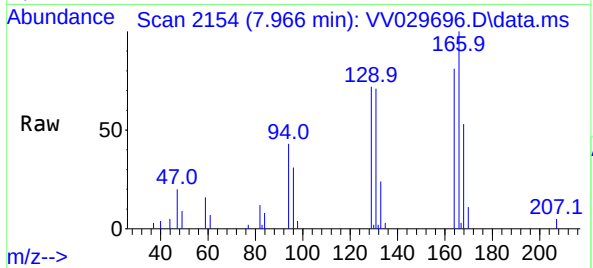
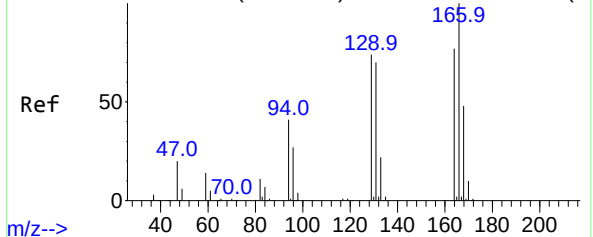


#42
Toluene
Concen: 0.212 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. 0.010 min
Lab File: VV029696.D
Acq: 16 Dec 2022 14:35

Tgt Ion: 91 Resp: 14243
Ion Ratio Lower Upper
91 100
92 61.3 40.8 75.8



Abundance Scan 2154 (7.966 min): VV029692.D\data.ms (-2



#47
Tetrachloroethene
Concen: 0.815 ug/L
RT: 7.966 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV029696.D
Acq: 16 Dec 2022 14:35

Instrument :
MSVOA_V
ClientSampleId :
BGP6

Tgt Ion:164	Resp:	10670
Ion	Ratio	Lower Upper
164	100	
129	88.9	61.7 114.7
131	87.4	62.9 116.9
166	123.2	88.5 164.3

