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 Data File : VV028229.D
 Acq On : 30 Sep 2022 16:07
 Operator : SY/MD
 Sample : N4870-15
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

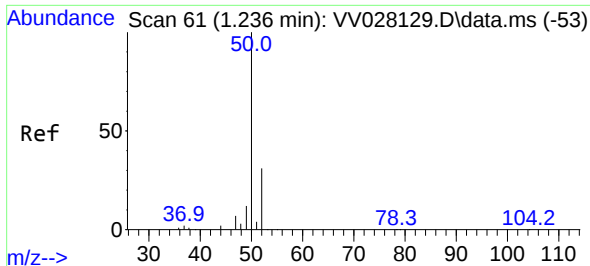
Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK001

Quant Time: Sep 30 22:59:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 29 01:25:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	165076	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	162681	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	76358	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	70678	4.130	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.600%
7) Chloroethane-d5	1.561	69	61463	4.517	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.400%
11) 1,1-Dichloroethene-d2	2.101	63	100439	3.384	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.600%
20) 2-Butanone-d5	3.892	46	138363	47.889	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.780%
24) Chloroform-d	4.339	84	135582	4.965	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
26) 1,2-Dichloroethane-d4	5.027	65	61915	4.765	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
32) Benzene-d6	5.043	84	264765	4.964	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
36) 1,2-Dichloropropane-d6	6.066	67	79363	4.772	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.400%
41) Toluene-d8	7.310	98	220779	4.573	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
43) trans-1,3-Dichloroprop...	7.622	79	21832	3.635	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.600%
46) 2-Hexanone-d5	8.085	63	114785	45.784	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.560%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	55964	4.923	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.400%
66) 1,2-Dichlorobenzene-d4	11.619	152	80712	5.389	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.236	50	652	0.040	ug/L	97
5) Vinyl chloride	1.307	62	1032	0.081	ug/L #	1
6) Bromomethane	1.516	94	455	0.055	ug/L	84
8) Chloroethane	1.413	64	110517	12.875	ug/L #	51
10) 1,1,2-Trichloro-1,2,2-...	2.101	101	1178	0.101	ug/L #	26
12) 1,1-Dichloroethene	2.101	96	1305	0.114	ug/L #	1
14) Carbon disulfide	2.285	76	2568	0.117	ug/L	100
16) Methylene chloride	2.500	84	4690	0.368	ug/L	88
22) cis-1,2-Dichloroethene	3.899	96	1080	0.082	ug/L	80
35) Methylcyclohexane	6.066	83	19574	1.269	ug/L #	16
37) 1,2-Dichloropropane	6.063	63	8183	0.646	ug/L #	88
39) cis-1,3-Dichloropropene	6.985	75	1351	0.086	ug/L #	25
47) Tetrachloroethene	7.972	164	418	0.047	ug/L	90
49) Dibromochloromethane	7.979	129	262	0.026	ug/L #	11
61) 1,2,3-Trichloropropane	11.242	75	6908	1.079	ug/L #	68

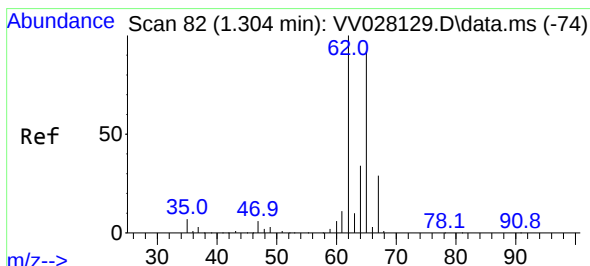
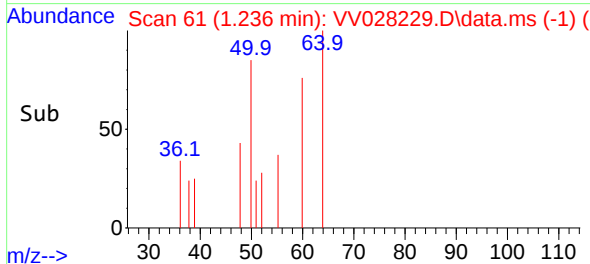
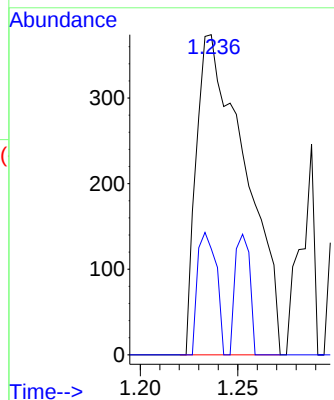
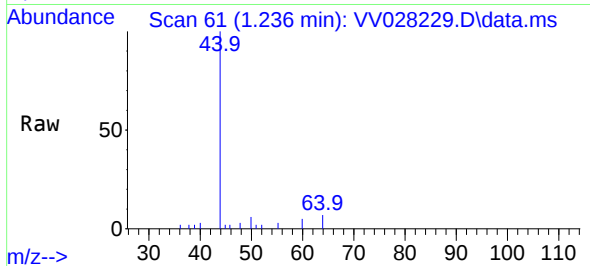
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#3
Chloromethane
Concen: 0.040 ug/L
RT: 1.236 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV028229.D
Acq: 30 Sep 2022 16:07

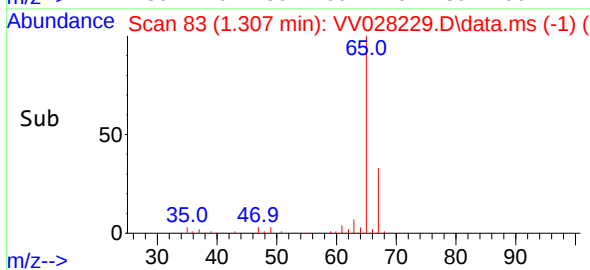
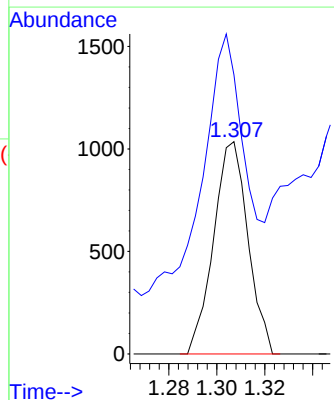
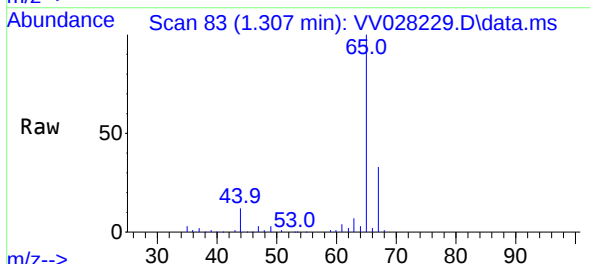
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

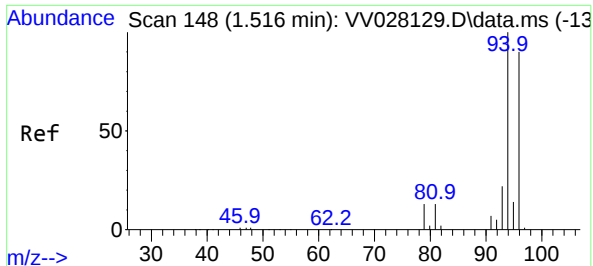
Tgt Ion: 50 Resp: 652
Ion Ratio Lower Upper
50 100
52 33.2 24.4 45.2



#5
Vinyl chloride
Concen: 0.081 ug/L
RT: 1.307 min Scan# 83
Delta R.T. 0.003 min
Lab File: VV028229.D
Acq: 30 Sep 2022 16:07

Tgt Ion: 62 Resp: 1032
Ion Ratio Lower Upper
62 100
64 131.4 23.0 42.8#

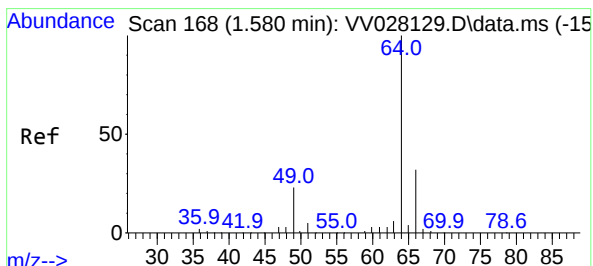
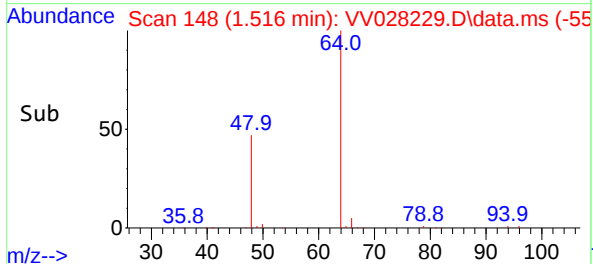
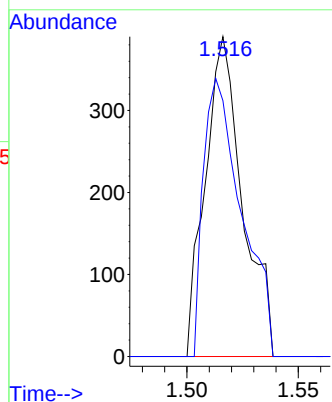
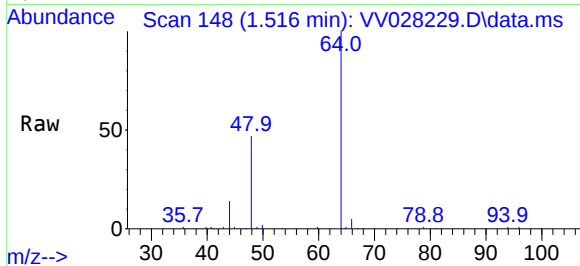




#6
Bromomethane
Concen: 0.055 ug/L
RT: 1.516 min Scan# 148
Delta R.T. -0.000 min
Lab File: VV028229.D
Acq: 30 Sep 2022 16:07

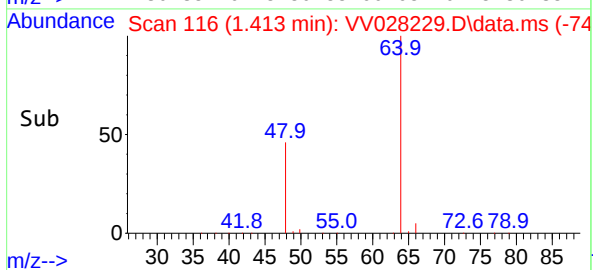
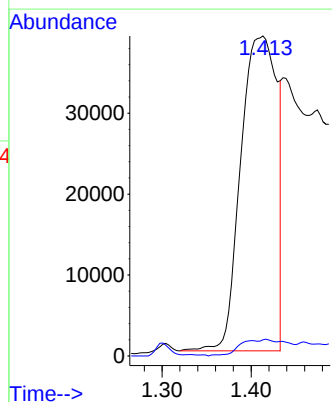
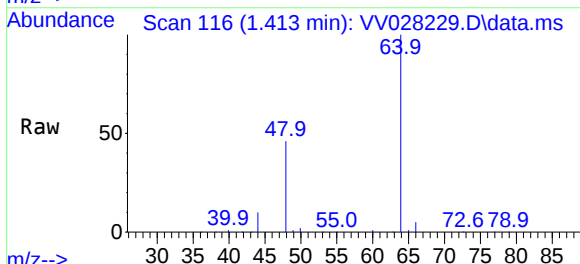
Instrument :
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ClientSampleId :
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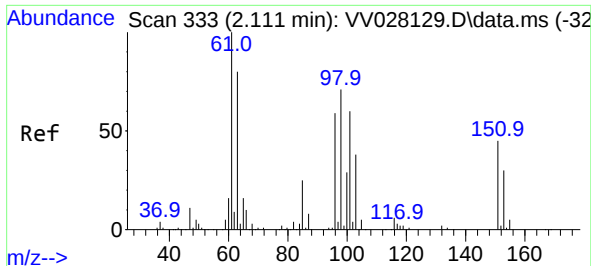
Tgt Ion: 94 Resp: 455
Ion Ratio Lower Upper
94 100
96 80.0 66.7 123.9



#8
Chloroethane
Concen: 12.875 ug/L
RT: 1.413 min Scan# 116
Delta R.T. -0.164 min
Lab File: VV028229.D
Acq: 30 Sep 2022 16:07

Tgt Ion: 64 Resp: 110517
Ion Ratio Lower Upper
64 100
66 5.1 23.0 42.8#

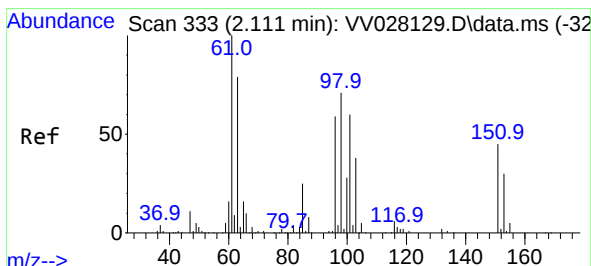
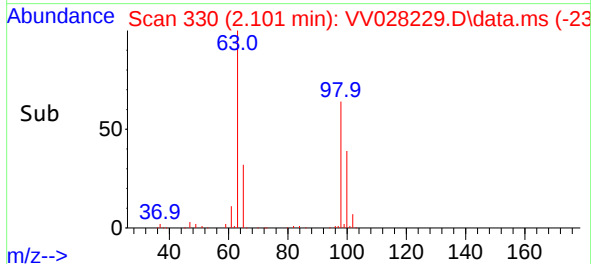
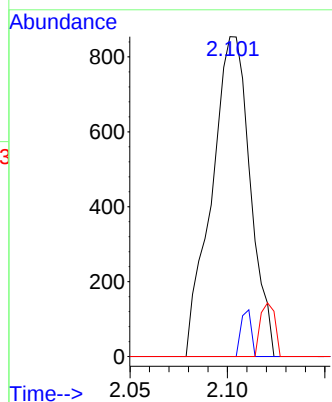
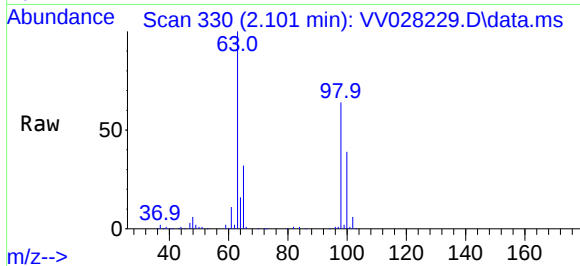




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.101 ug/L
 RT: 2.101 min Scan# 311
 Delta R.T. -0.007 min
 Lab File: VV028229.D
 Acq: 30 Sep 2022 16:07

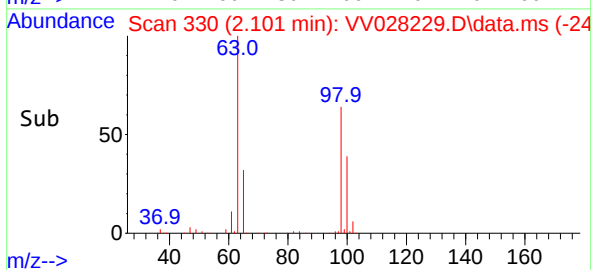
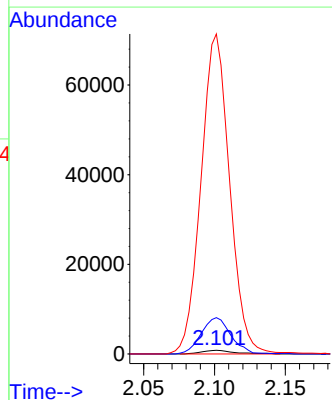
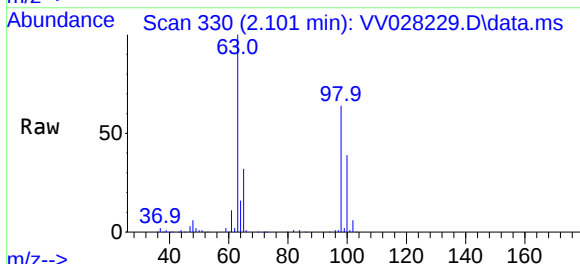
Instrument :
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 ClientSampleId :
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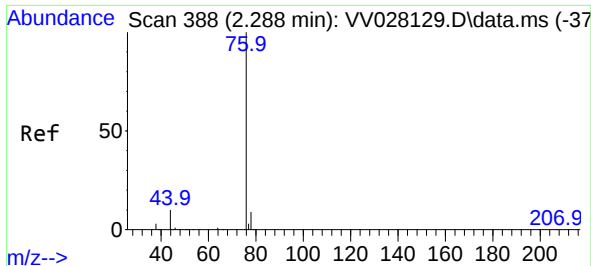
Tgt Ion:101 Resp: 1178
 Ion Ratio Lower Upper
 101 100
 85 3.8 34.4 51.6#
 151 6.3 61.1 91.7#



#12
 1,1-Dichloroethene
 Concen: 0.114 ug/L
 RT: 2.101 min Scan# 330
 Delta R.T. -0.010 min
 Lab File: VV028229.D
 Acq: 30 Sep 2022 16:07

Tgt Ion: 96 Resp: 1305
 Ion Ratio Lower Upper
 96 100
 61 980.1 128.3 238.3#
 63 8612.8 112.7 209.3#

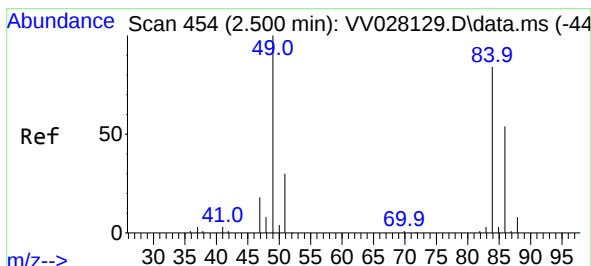
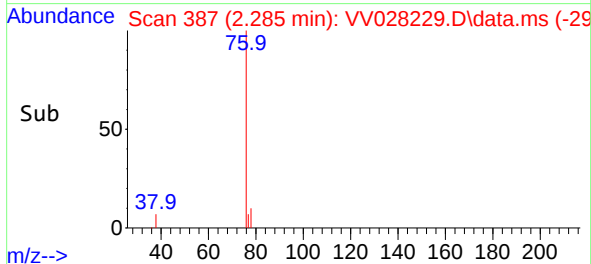
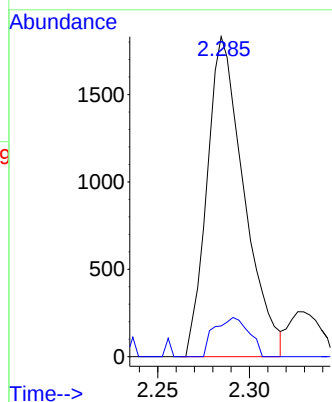
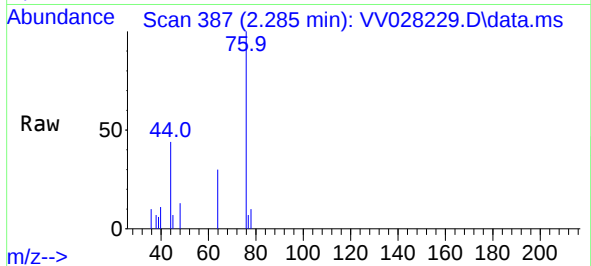




#14
Carbon disulfide
Concen: 0.117 ug/L
RT: 2.285 min Scan# 388
Delta R.T. -0.000 min
Lab File: VV028229.D
Acq: 30 Sep 2022 16:07

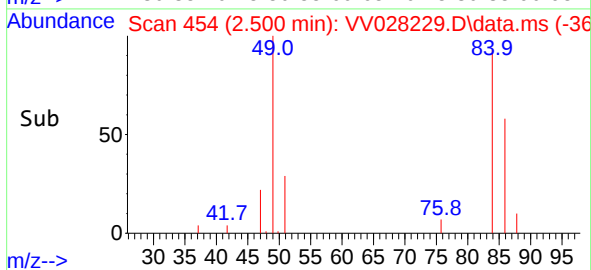
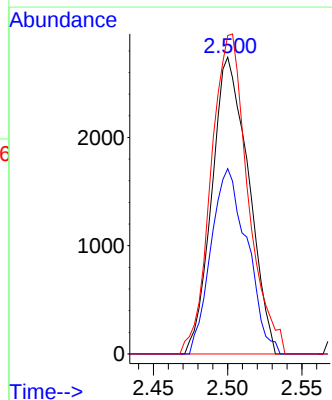
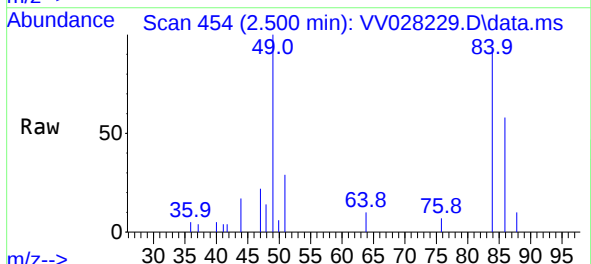
Instrument :
MSVOA_V
ClientSampleId :
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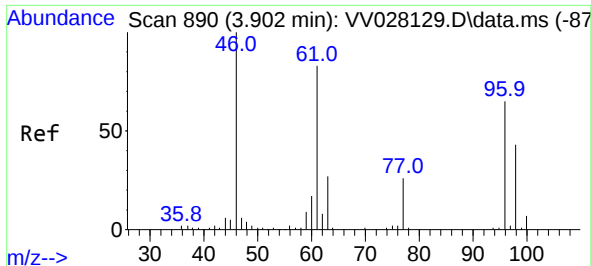
Tgt Ion: 76 Resp: 2568
Ion Ratio Lower Upper
76 100
78 9.6 7.6 11.4



#16
Methylene chloride
Concen: 0.368 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.003 min
Lab File: VV028229.D
Acq: 30 Sep 2022 16:07

Tgt Ion: 84 Resp: 4690
Ion Ratio Lower Upper
84 100
86 62.5 46.8 86.8
49 107.3 87.5 162.5

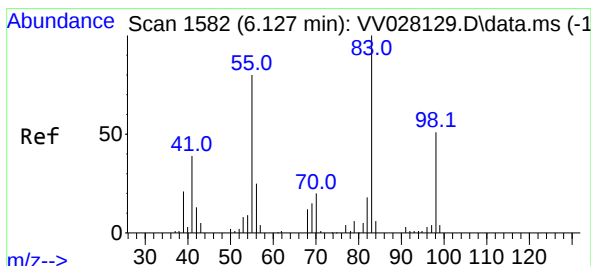
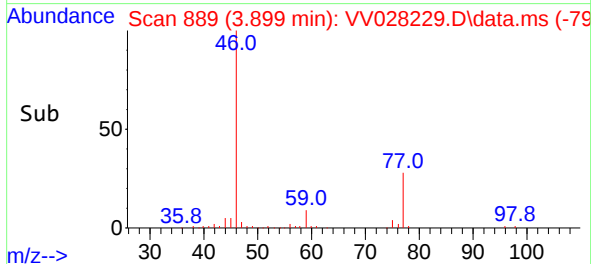
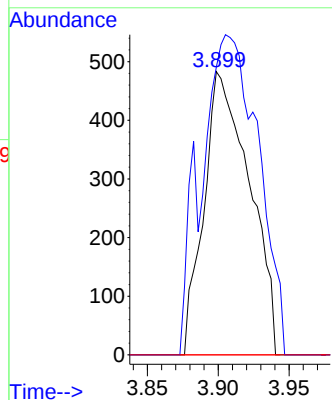
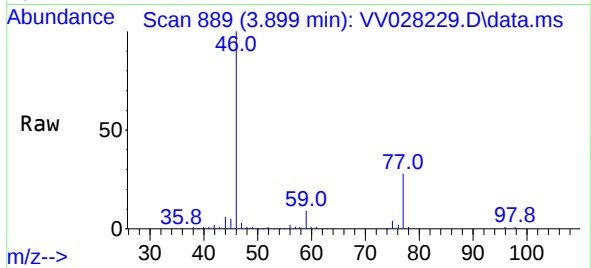




#22
 cis-1,2-Dichloroethene
 Concen: 0.082 ug/L
 RT: 3.899 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VV028229.D
 Acq: 30 Sep 2022 16:07

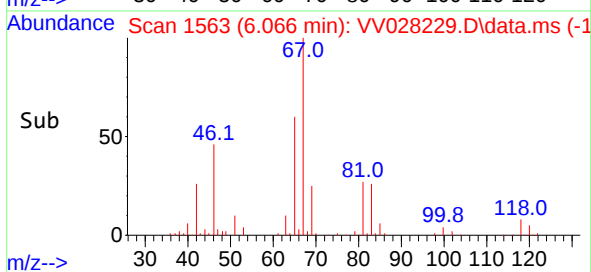
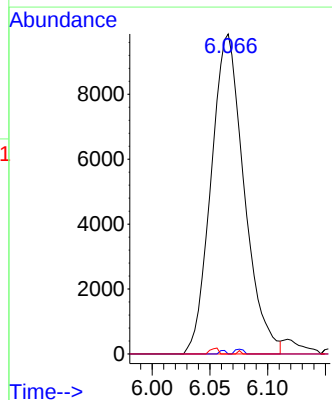
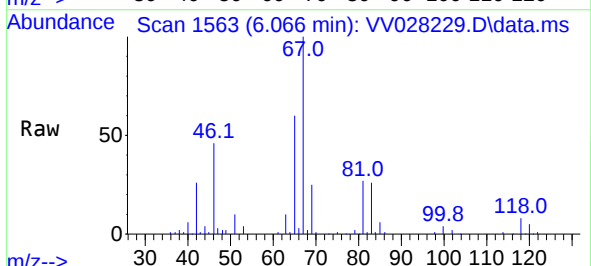
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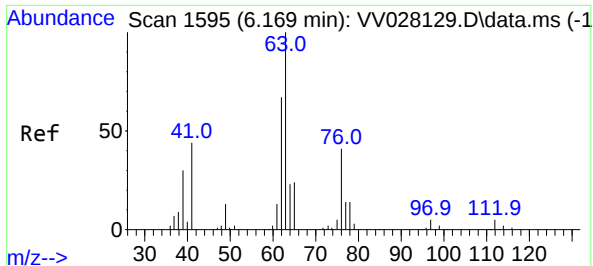
Tgt Ion: 96 Resp: 1080
 Ion Ratio Lower Upper
 96 100
 61 101.7 87.2 161.9
 68 0.0 0.0 0.0



#35
 Methylcyclohexane
 Concen: 1.269 ug/L
 RT: 6.066 min Scan# 1563
 Delta R.T. -0.055 min
 Lab File: VV028229.D
 Acq: 30 Sep 2022 16:07

Tgt Ion: 83 Resp: 19574
 Ion Ratio Lower Upper
 83 100
 55 0.2 64.7 97.1#
 98 0.4 39.5 59.3#

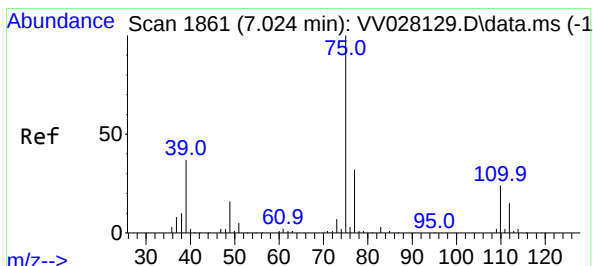
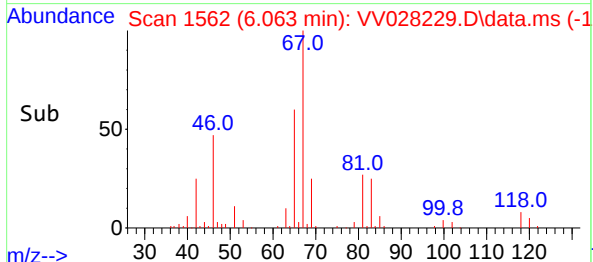
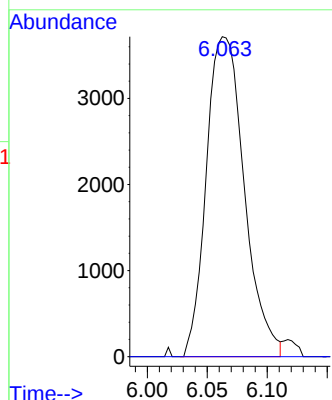
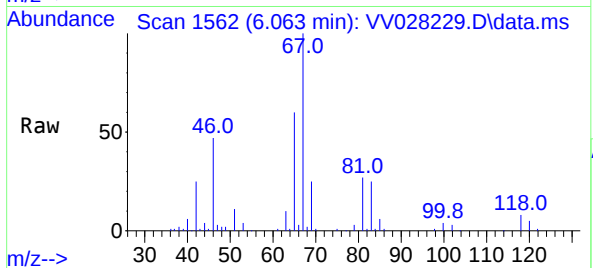




#37
1,2-Dichloropropane
Concen: 0.646 ug/L
RT: 6.063 min Scan# 11
Delta R.T. -0.103 min
Lab File: VV028229.D
Acq: 30 Sep 2022 16:07

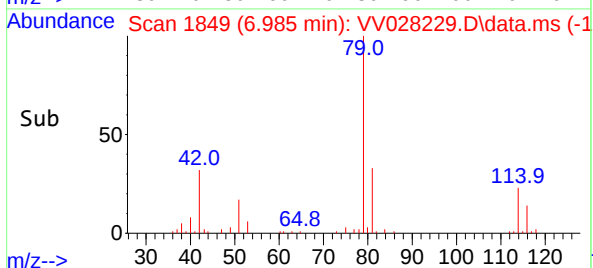
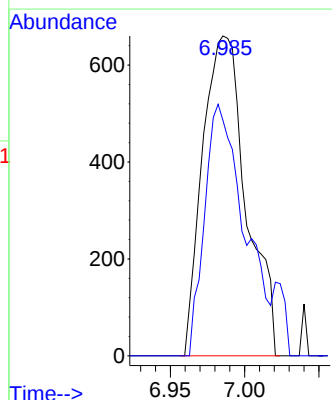
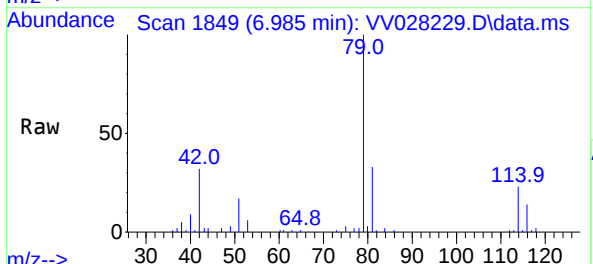
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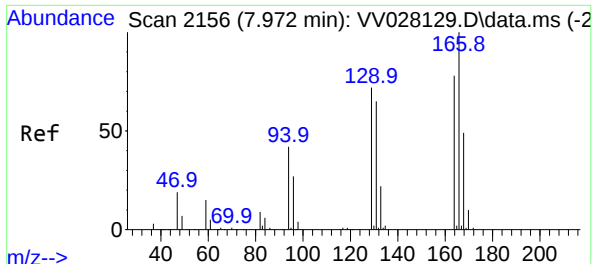
Tgt Ion: 63 Resp: 8183
Ion Ratio Lower Upper
63 100
112 0.3 3.5 5.3#



#39
cis-1,3-Dichloropropene
Concen: 0.086 ug/L
RT: 6.985 min Scan# 1849
Delta R.T. -0.035 min
Lab File: VV028229.D
Acq: 30 Sep 2022 16:07

Tgt Ion: 75 Resp: 1351
Ion Ratio Lower Upper
75 100
77 73.6 22.4 41.6#



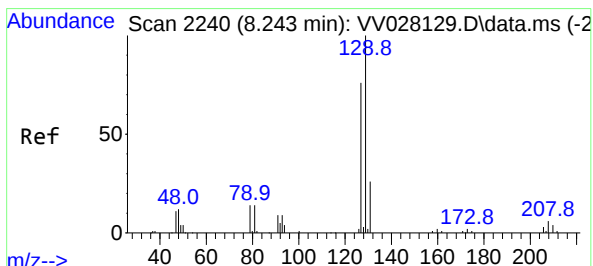
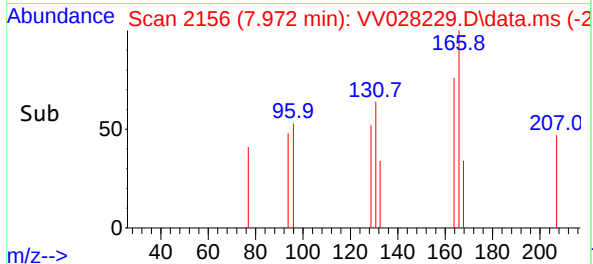
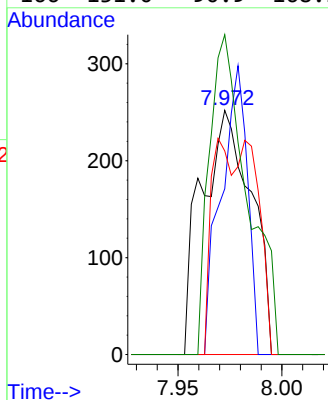
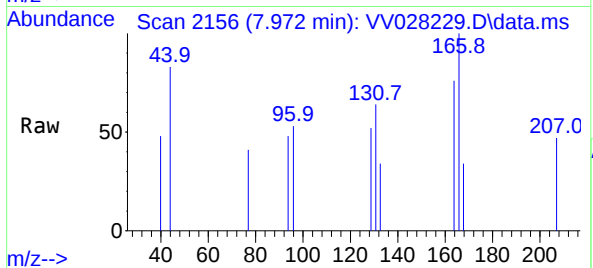


#47
Tetrachloroethene
Concen: 0.047 ug/L
RT: 7.972 min Scan# 2156
Delta R.T. 0.003 min
Lab File: VV028229.D
Acq: 30 Sep 2022 16:07

Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

Tgt Ion:164 Resp: 418

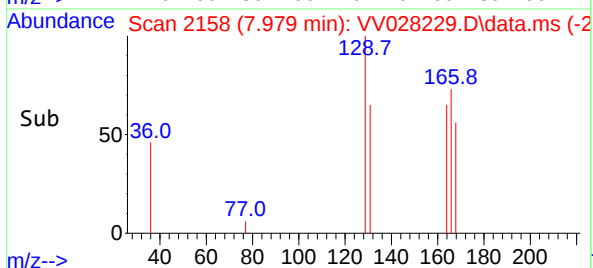
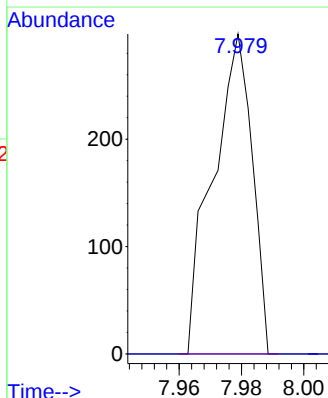
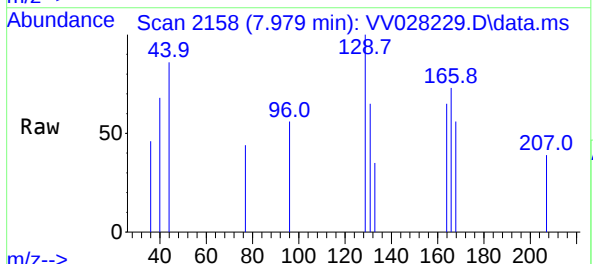
Ion	Ratio	Lower	Upper
164	100		
129	67.9	66.7	123.9
131	83.3	61.7	114.5
166	131.0	90.9	168.9

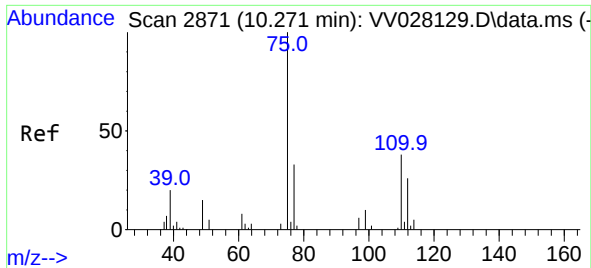


#49
Dibromochloromethane
Concen: 0.026 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. -0.261 min
Lab File: VV028229.D
Acq: 30 Sep 2022 16:07

Tgt Ion:129 Resp: 262

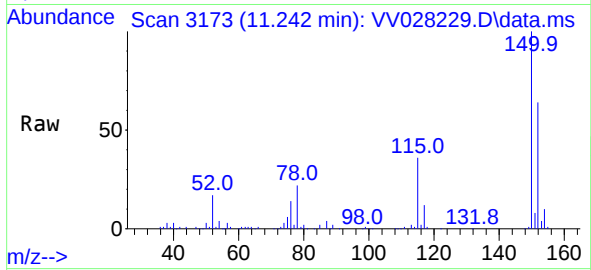
Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.3	100.9





#61
1,2,3-Trichloropropane
Concen: 1.079 ug/L
RT: 11.242 min Scan# 31
Delta R.T. 0.974 min
Lab File: VV028229.D
Acq: 30 Sep 2022 16:07

Instrument :
MSVOA_V
ClientSampleId :
VHBLK001



Tgt Ion: 75 Resp: 6908
Ion Ratio Lower Upper
75 100
77 33.8 26.7 40.1
110 2.1 30.1 45.1#

