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 Data File : VV028213.D
 Acq On : 30 Sep 2022 02:10
 Operator : SY/MD
 Sample : N4870-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 41 Sample Multiplier: 1

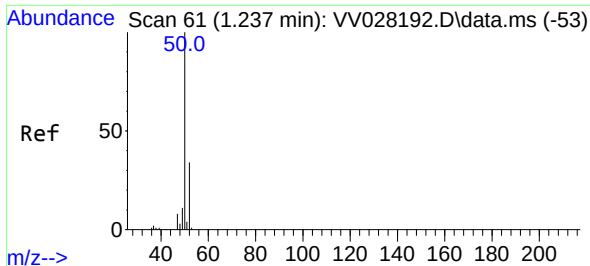
Instrument :
 MSVOA_V
 ClientSampleId :
 F5H65

Quant Time: Sep 30 06:22:49 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	5.613	114	153738	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	148157	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	77077	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	64014	4.016	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.400%
7) Chloroethane-d5	1.561	69	54977	4.338	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.800%
11) 1,1-Dichloroethene-d2	2.101	63	87888	3.179	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.600%
20) 2-Butanone-d5	3.892	46	93510	34.752	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	69.500%
24) Chloroform-d	4.343	84	99236	3.902	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.000%
26) 1,2-Dichloroethane-d4	5.027	65	46775	3.865	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.200%
32) Benzene-d6	5.043	84	195285	4.020	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.400%
36) 1,2-Dichloropropane-d6	6.063	67	57637	3.806	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.200%
41) Toluene-d8	7.313	98	171687	3.905	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.000%
43) trans-1,3-Dichloroprop...	7.622	79	17856	3.264	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.200%
46) 2-Hexanone-d5	8.085	63	83769	36.689	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.380%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	40530	3.915	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.400%
66) 1,2-Dichlorobenzene-d4	11.619	152	67746	4.481	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.600%
Target Compounds						Qvalue
3) Chloromethane	1.233	50	881	0.058	ug/L	95
5) Vinyl chloride	1.304	62	1786	0.150	ug/L #	1
8) Chloroethane	1.388	64	241890	30.257	ug/L #	50
12) 1,1-Dichloroethene	2.098	96	970	0.091	ug/L #	1
14) Carbon disulfide	2.288	76	2124	0.104	ug/L #	74
17) Methyl tert-butyl Ether	2.770	73	1301	0.057	ug/L #	61
18) trans-1,2-Dichloroethene	2.757	96	417	0.045	ug/L #	75
22) cis-1,2-Dichloroethene	3.902	96	66265	5.430	ug/L	90
34) Trichloroethene	5.912	95	12885	1.258	ug/L	91
37) 1,2-Dichloropropane	6.063	63	5954	0.516	ug/L #	87
47) Tetrachloroethene	7.973	164	7833	0.958	ug/L	97
49) Dibromochloromethane	7.973	129	6120	0.658	ug/L #	11
61) 1,2,3-Trichloropropane	11.243	75	6786	1.050	ug/L #	67

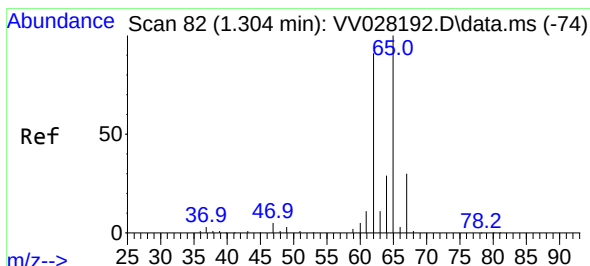
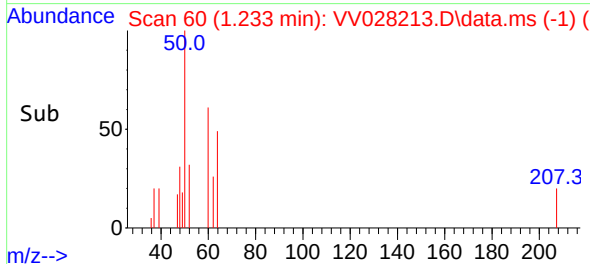
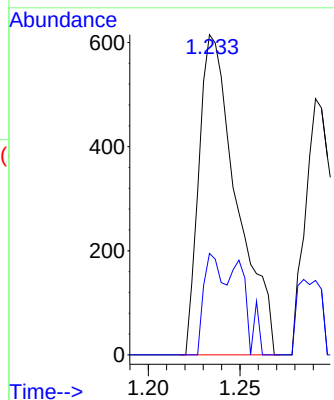
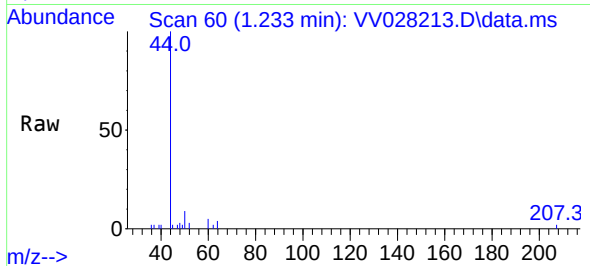
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#3
Chloromethane
Concen: 0.058 ug/L
RT: 1.233 min Scan# 60
Delta R.T. -0.003 min
Lab File: VV028213.D
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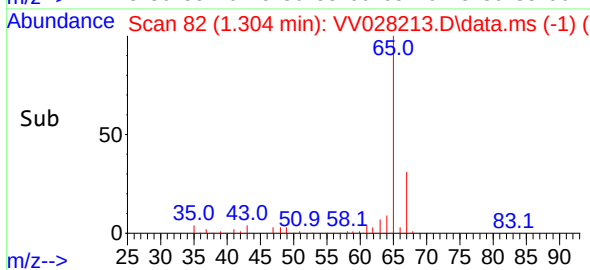
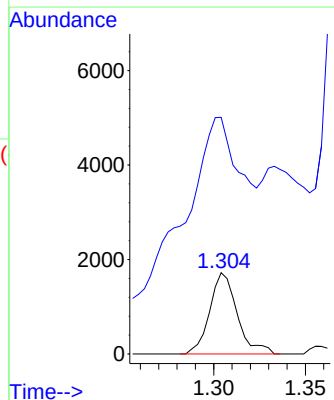
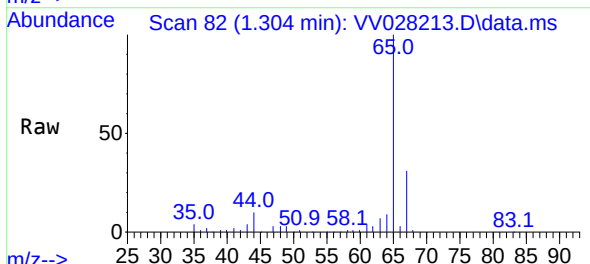
Instrument :
MSVOA_V
ClientSampleId :
F5H65

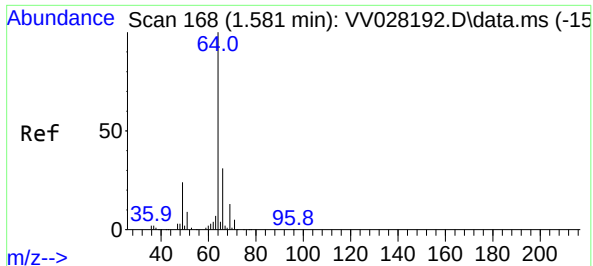
Tgt Ion: 50 Resp: 881
Ion Ratio Lower Upper
50 100
52 31.7 24.4 45.2



#5
Vinyl chloride
Concen: 0.150 ug/L
RT: 1.304 min Scan# 82
Delta R.T. 0.000 min
Lab File: VV028213.D
Acq: 30 Sep 2022 02:10

Tgt Ion: 62 Resp: 1786
Ion Ratio Lower Upper
62 100
64 291.2 23.0 42.8#

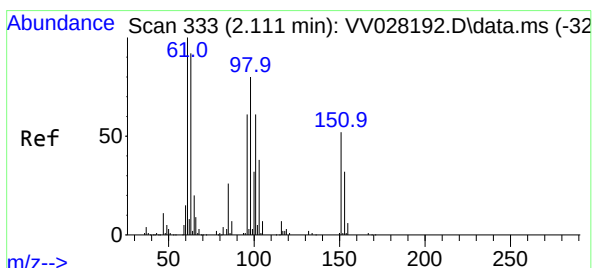
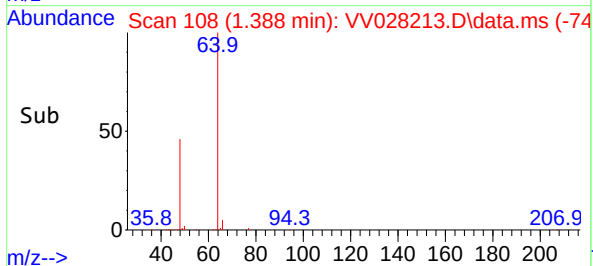
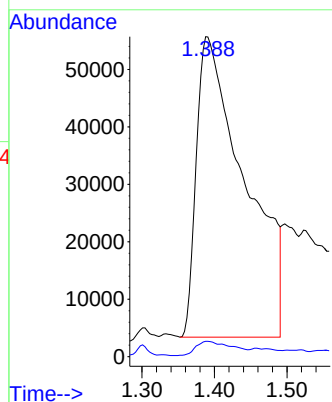
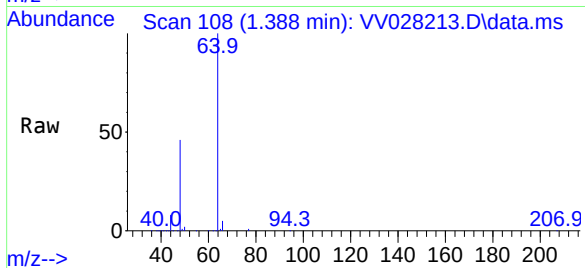




#8
Chloroethane
Concen: 30.257 ug/L
RT: 1.388 min Scan# 10
Delta R.T. -0.190 min
Lab File: VV028213.D
Acq: 30 Sep 2022 02:10

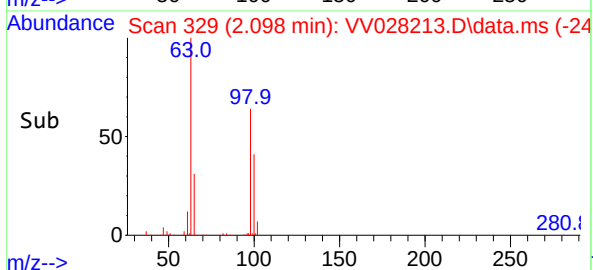
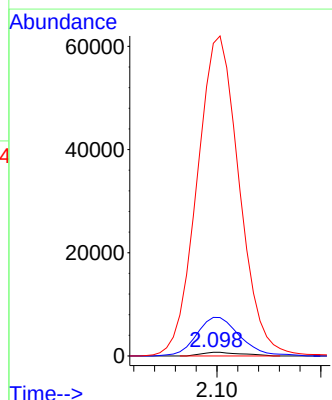
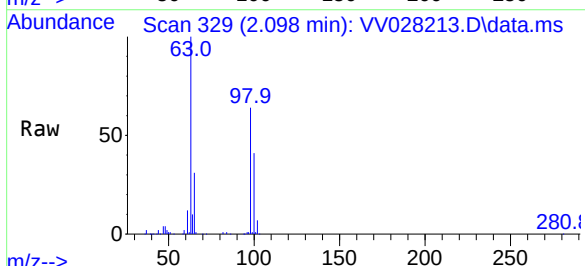
Instrument :
MSVOA_V
ClientSampleId :
F5H65

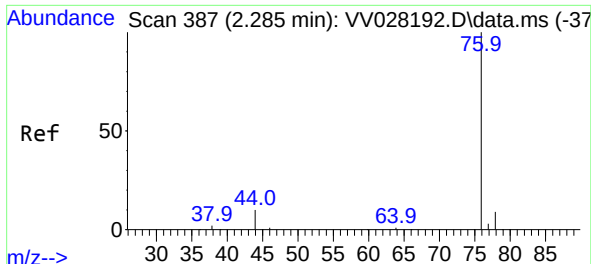
Tgt Ion: 64 Resp: 241890
Ion Ratio Lower Upper
64 100
66 4.8 23.0 42.8#



#12
1,1-Dichloroethene
Concen: 0.091 ug/L
RT: 2.098 min Scan# 329
Delta R.T. -0.013 min
Lab File: VV028213.D
Acq: 30 Sep 2022 02:10

Tgt Ion: 96 Resp: 970
Ion Ratio Lower Upper
96 100
61 1038.7 128.3 238.3#
63 8402.8 112.7 209.3#

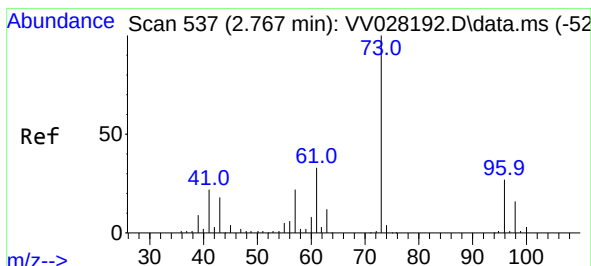
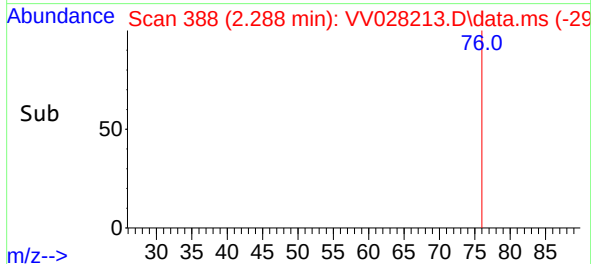
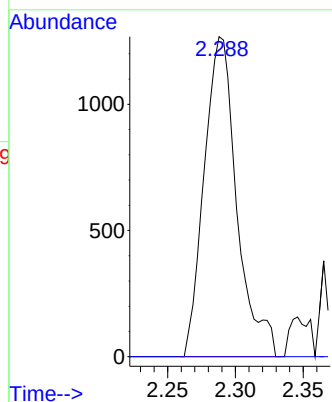
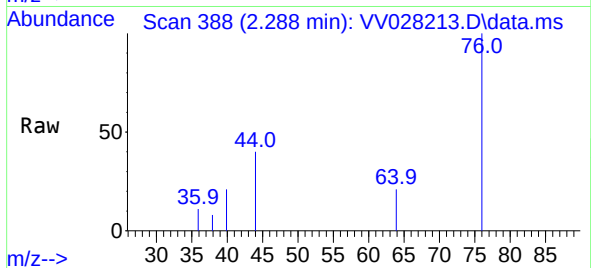




#14
Carbon disulfide
Concen: 0.104 ug/L
RT: 2.288 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV028213.D
Acq: 30 Sep 2022 02:10

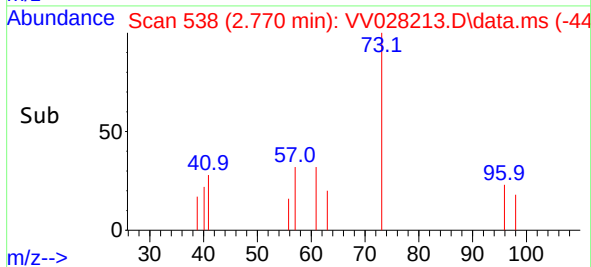
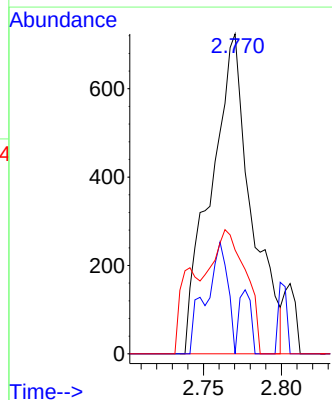
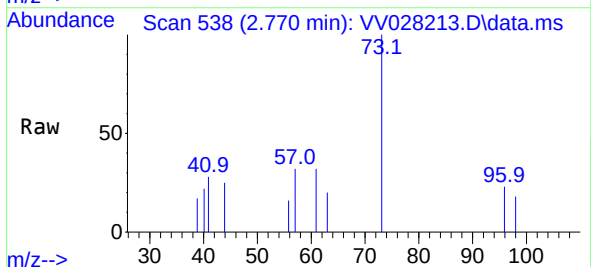
Instrument :
MSVOA_V
ClientSampleId :
F5H65

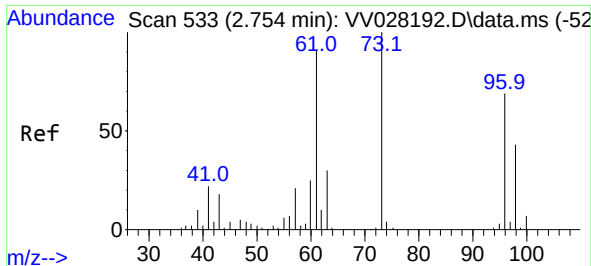
Tgt Ion: 76 Resp: 2124
Ion Ratio Lower Upper
76 100
78 0.0 7.6 11.4#



#17
Methyl tert-butyl Ether
Concen: 0.057 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.006 min
Lab File: VV028213.D
Acq: 30 Sep 2022 02:10

Tgt Ion: 73 Resp: 1301
Ion Ratio Lower Upper
73 100
43 5.8 15.7 23.5#
57 0.0 17.8 26.8#

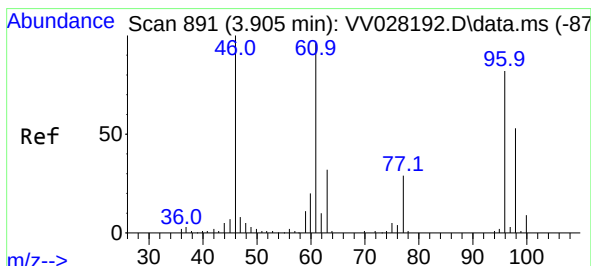
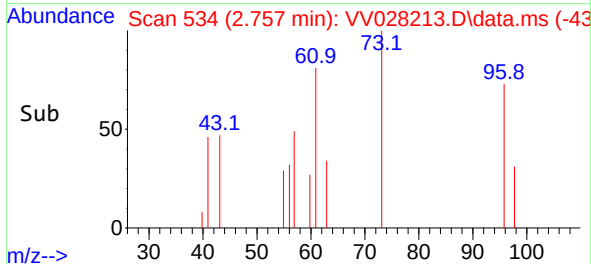
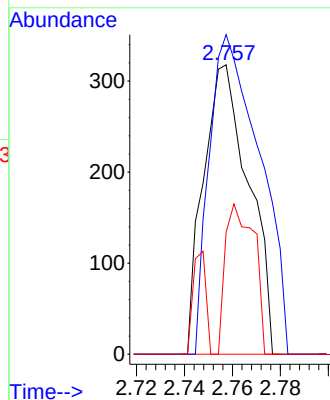
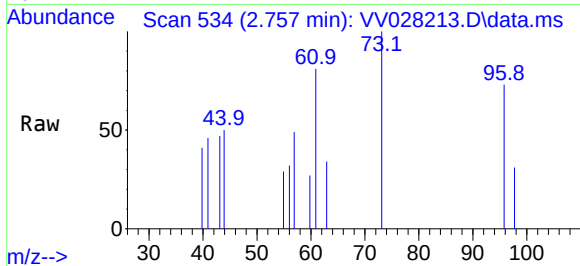




#18
trans-1,2-Dichloroethene
Concen: 0.045 ug/L
RT: 2.757 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV028213.D
Acq: 30 Sep 2022 02:10

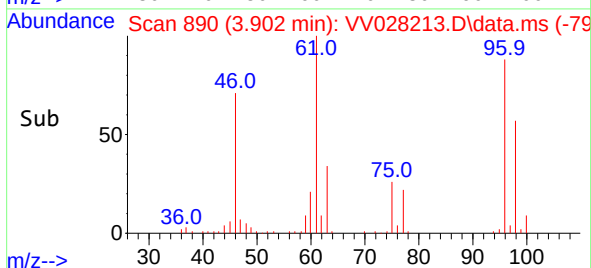
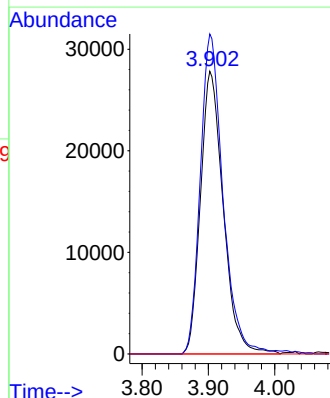
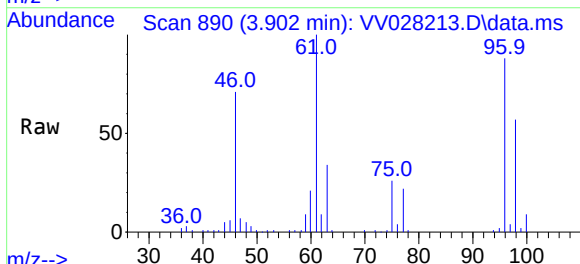
Instrument :
MSVOA_V
ClientSampleId :
F5H65

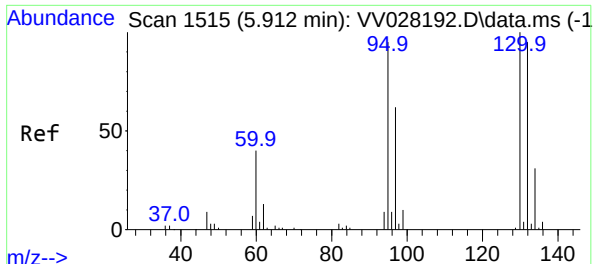
Tgt Ion: 96 Resp: 417
Ion Ratio Lower Upper
96 100
61 110.4 96.2 178.6
98 42.1 45.7 84.9#



#22
cis-1,2-Dichloroethene
Concen: 5.430 ug/L
RT: 3.902 min Scan# 890
Delta R.T. 0.003 min
Lab File: VV028213.D
Acq: 30 Sep 2022 02:10

Tgt Ion: 96 Resp: 66265
Ion Ratio Lower Upper
96 100
61 113.2 87.2 161.9
68 0.0 0.0 0.0

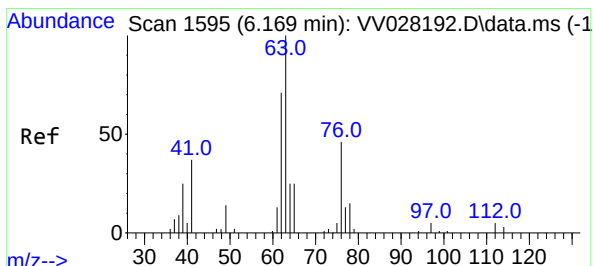
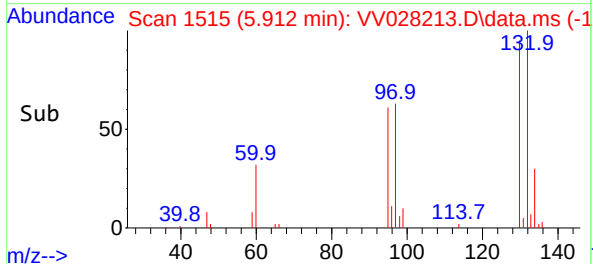
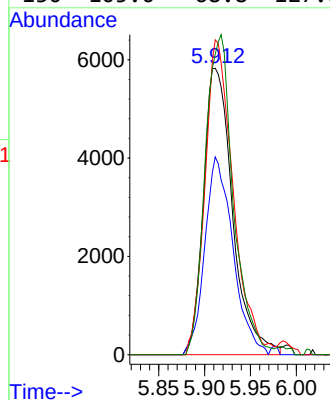
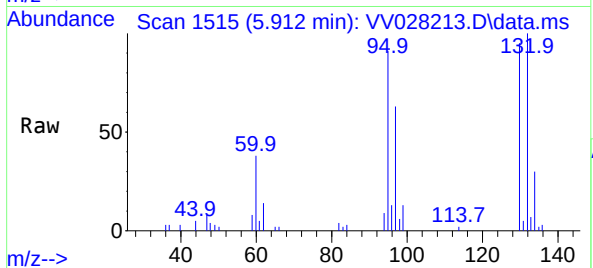




#34
Trichloroethene
Concen: 1.258 ug/L
RT: 5.912 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV028213.D
Acq: 30 Sep 2022 02:10

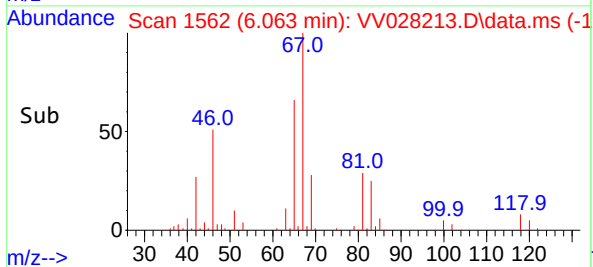
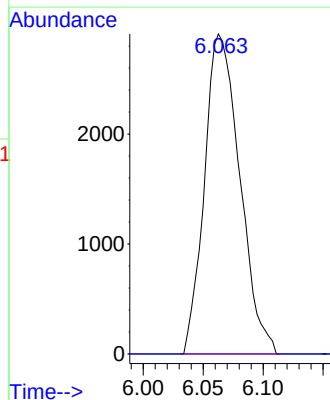
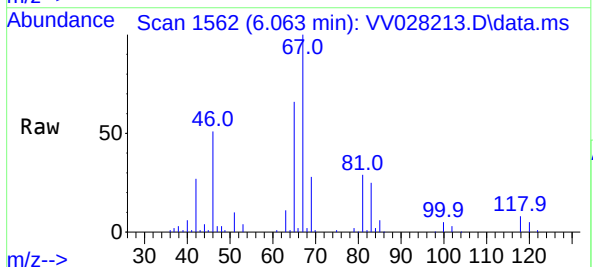
Instrument :
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F5H65

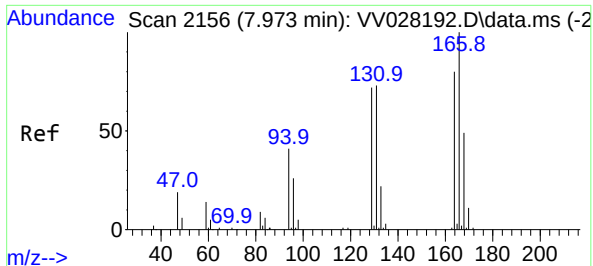
Tgt Ion: 95 Resp: 12885
Ion Ratio Lower Upper
95 100
97 69.0 44.2 82.0
132 110.0 67.8 126.0
130 105.0 68.8 127.8



#37
1,2-Dichloropropane
Concen: 0.516 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.103 min
Lab File: VV028213.D
Acq: 30 Sep 2022 02:10

Tgt Ion: 63 Resp: 5954
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



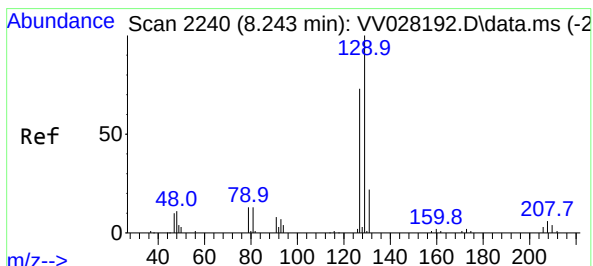
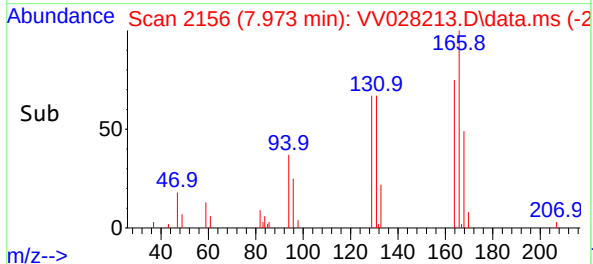
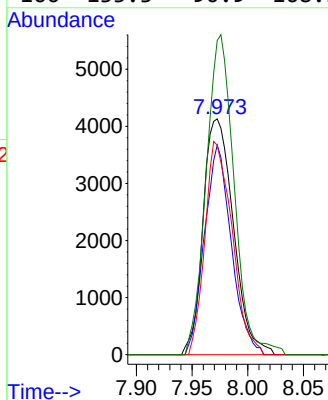
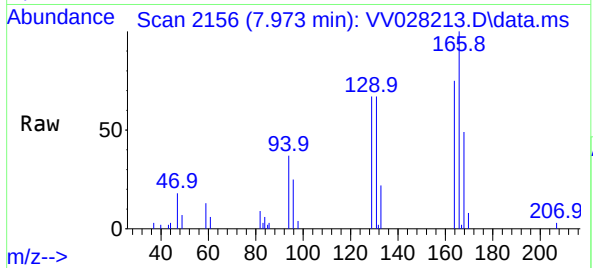


#47
Tetrachloroethene
Concen: 0.958 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.003 min
Lab File: VV028213.D
Acq: 30 Sep 2022 02:10

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion:164 Resp: 7833

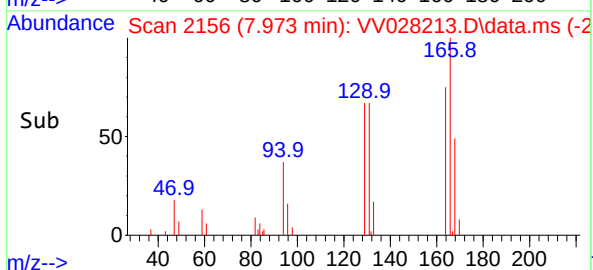
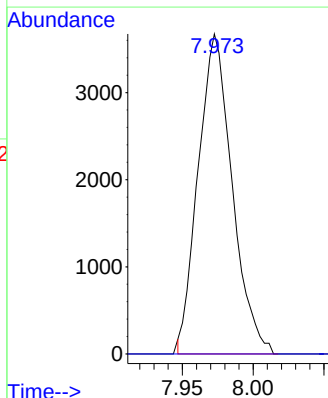
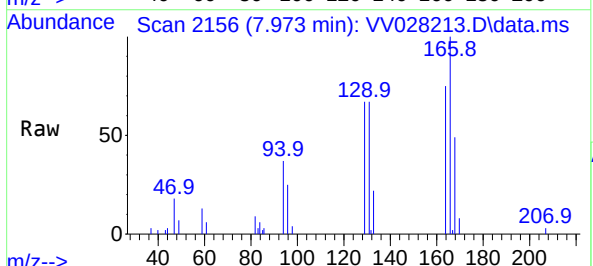
Ion	Ratio	Lower	Upper
164	100		
129	88.9	66.7	123.9
131	88.8	61.7	114.5
166	133.3	90.9	168.9

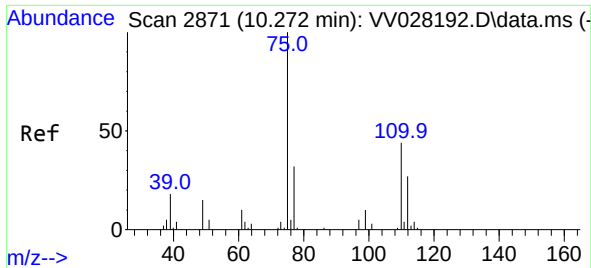


#49
Dibromochloromethane
Concen: 0.658 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. -0.267 min
Lab File: VV028213.D
Acq: 30 Sep 2022 02:10

Tgt Ion:129 Resp: 6120

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.3	100.9#





#61
1,2,3-Trichloropropane
Concen: 1.050 ug/L
RT: 11.243 min Scan# 31
Delta R.T. 0.974 min
Lab File: VV028213.D
Acq: 30 Sep 2022 02:10

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion: 75 Resp: 6786
Ion Ratio Lower Upper
75 100
77 34.3 26.7 40.1
110 0.7 30.1 45.1#

