

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092922\
 Data File : VV028203.D
 Acq On : 29 Sep 2022 22:07
 Operator : SY/MD
 Sample : N4870-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5H08

Quant Time: Sep 30 01:50:44 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)

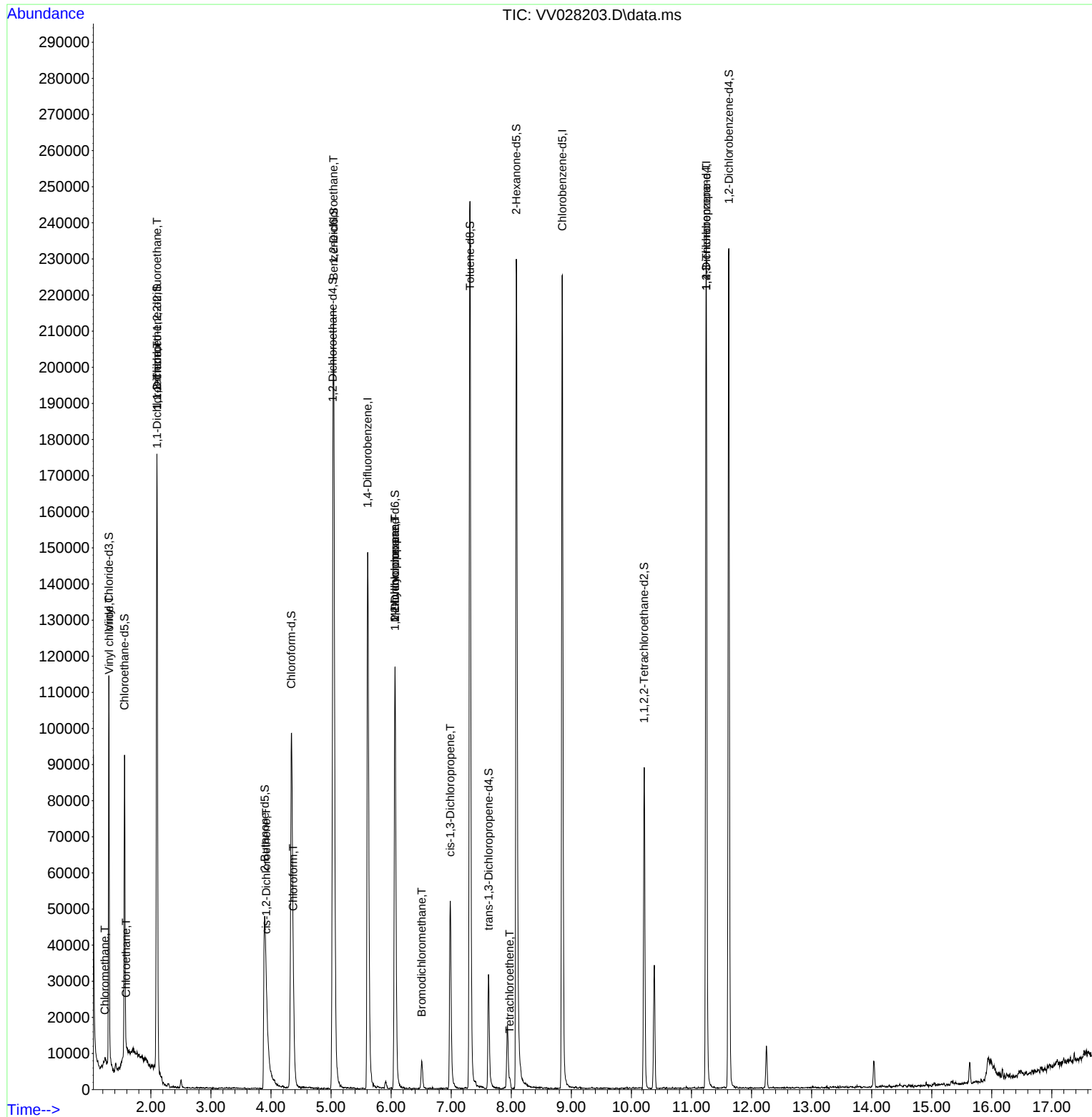
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	139489	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	136429	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	69455	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	66463	4.596	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.000%
7) Chloroethane-d5	1.561	69	51607	4.489	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.800%
11) 1,1-Dichloroethene-d2	2.101	63	87450	3.487	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.800%
20) 2-Butanone-d5	3.896	46	97429	39.907	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.820%
24) Chloroform-d	4.339	84	102263	4.432	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
26) 1,2-Dichloroethane-d4	5.031	65	46877	4.269	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.400%
32) Benzene-d6	5.043	84	202726	4.532	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
36) 1,2-Dichloropropane-d6	6.066	67	57918	4.153	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.000%
41) Toluene-d8	7.313	98	176567	4.361	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
43) trans-1,3-Dichloroprop...	7.622	79	20117	3.993	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.800%
46) 2-Hexanone-d5	8.085	63	86783	41.276	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.560%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	43048	4.516	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	66150	4.856	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.200%
Target Compounds						Qvalue
3) Chloromethane	1.233	50	710	0.051	ug/L	98
5) Vinyl chloride	1.304	62	712	0.066	ug/L #	1
8) Chloroethane	1.587	64	1259	0.174	ug/L #	58
10) 1,1,2-Trichloro-1,2,2-...	2.101	101	996	0.101	ug/L #	22
12) 1,1-Dichloroethene	2.105	96	846	0.088	ug/L #	1
22) cis-1,2-Dichloroethene	3.921	96	371	0.034	ug/L	77
25) Chloroform	4.371	83	16356	0.828	ug/L	95
27) 1,2-Dichloroethane	5.040	62	1055	0.100	ug/L #	76
35) Methylcyclohexane	6.066	83	15202	1.175	ug/L #	16
37) 1,2-Dichloropropane	6.063	63	6081	0.573	ug/L #	87
38) Bromodichloromethane	6.510	83	5788	0.441	ug/L	98
39) cis-1,3-Dichloropropene	6.985	75	1348	0.102	ug/L #	79
47) Tetrachloroethene	7.973	164	703	0.093	ug/L	94
61) 1,2,3-Trichloropropane	11.246	75	6206	1.065	ug/L #	68

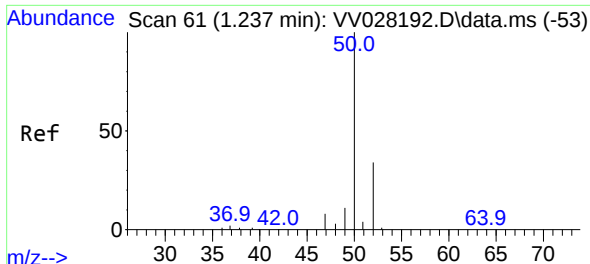
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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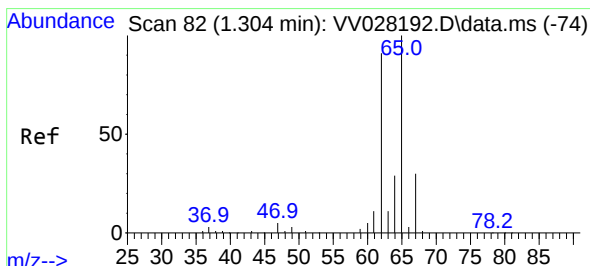
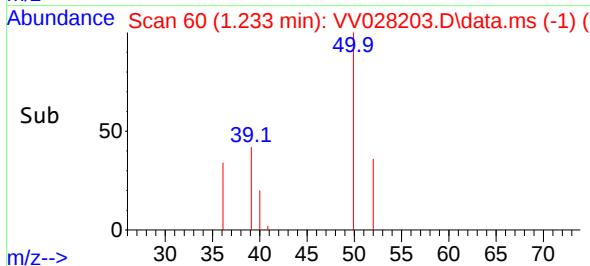
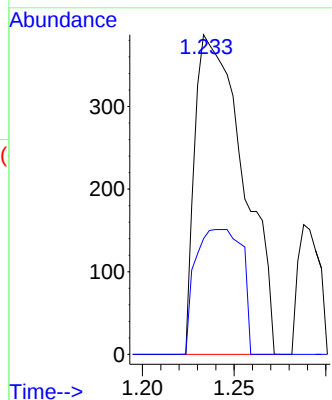
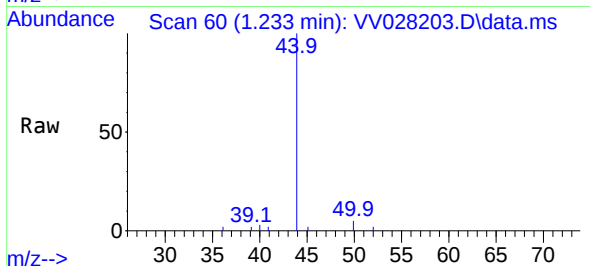




#3
Chloromethane
Concen: 0.051 ug/L
RT: 1.233 min Scan# 60
Delta R.T. -0.003 min
Lab File: VV028203.D
Acq: 29 Sep 2022 22:07

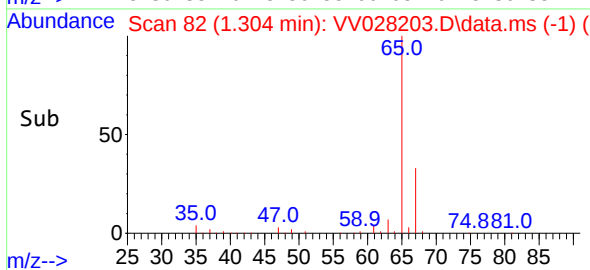
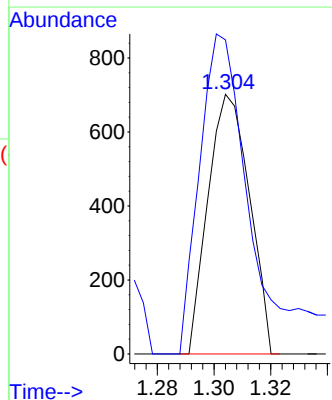
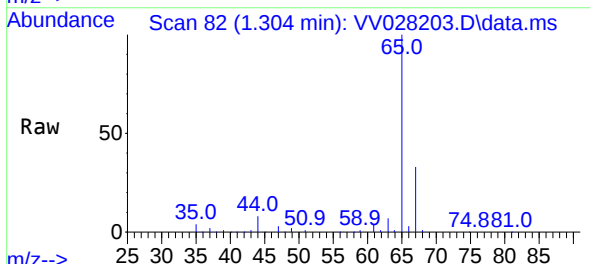
Instrument :
MSVOA_V
ClientSampleId :
F5H08

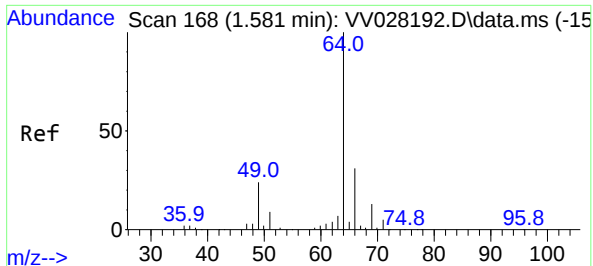
Tgt Ion: 50 Resp: 710
Ion Ratio Lower Upper
50 100
52 36.2 24.4 45.2



#5
Vinyl chloride
Concen: 0.066 ug/L
RT: 1.304 min Scan# 82
Delta R.T. -0.000 min
Lab File: VV028203.D
Acq: 29 Sep 2022 22:07

Tgt Ion: 62 Resp: 712
Ion Ratio Lower Upper
62 100
64 120.9 23.0 42.8#

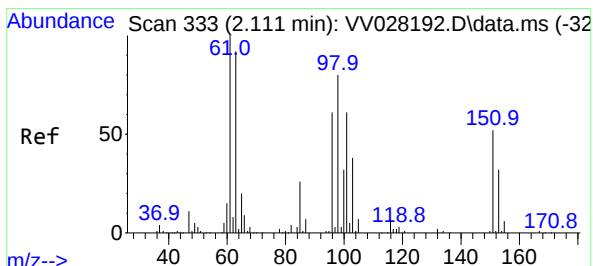
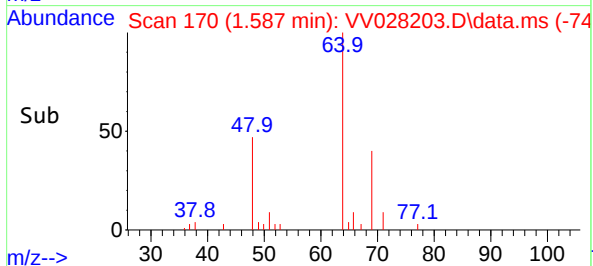
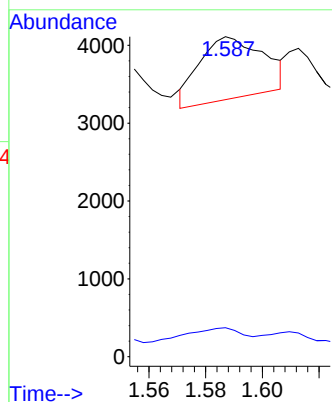
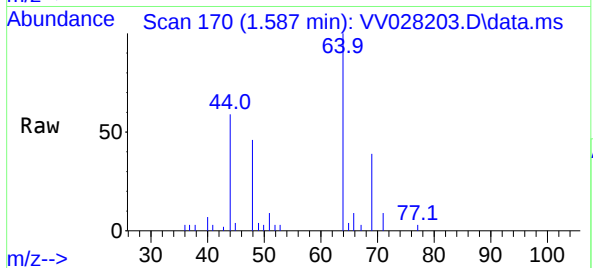




#8
Chloroethane
Concen: 0.174 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV028203.D
Acq: 29 Sep 2022 22:07

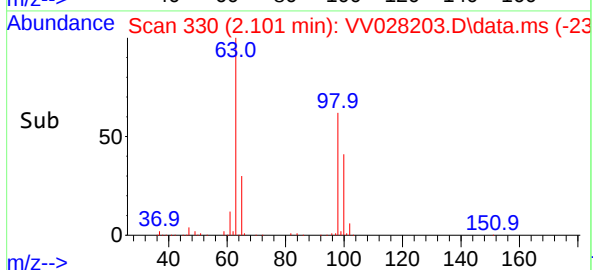
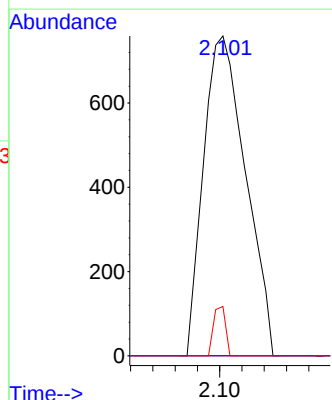
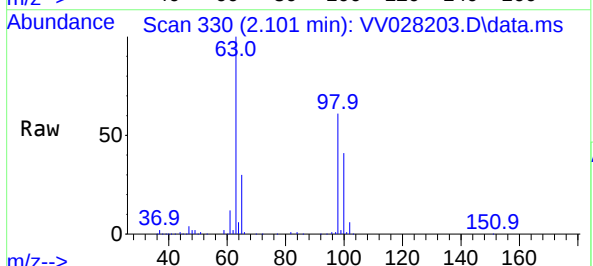
Instrument :
MSVOA_V
ClientSampleId :
F5H08

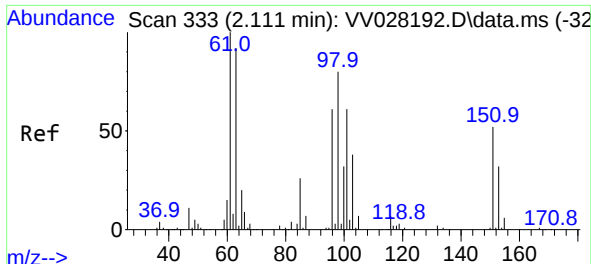
Tgt Ion: 64 Resp: 1259
Ion Ratio Lower Upper
64 100
66 9.0 23.0 42.8#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.101 ug/L
RT: 2.101 min Scan# 330
Delta R.T. -0.006 min
Lab File: VV028203.D
Acq: 29 Sep 2022 22:07

Tgt Ion:101 Resp: 996
Ion Ratio Lower Upper
101 100
85 0.0 34.4 51.6#
151 4.4 61.1 91.7#

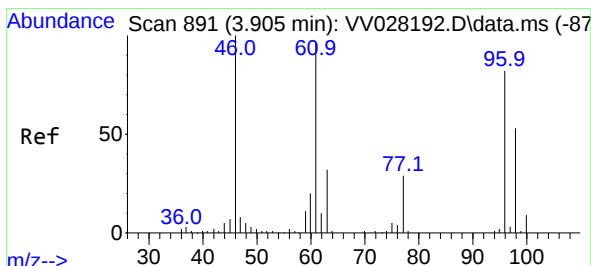
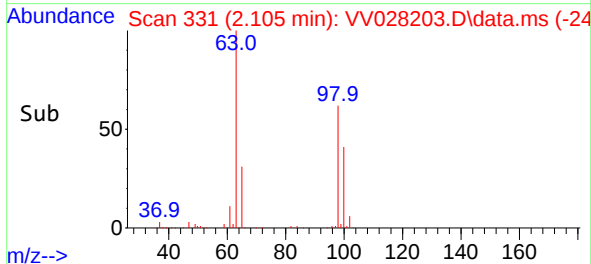
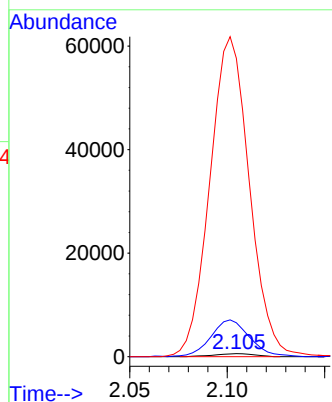
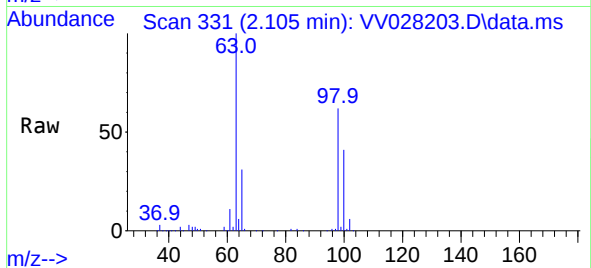




#12
1,1-Dichloroethene
Concen: 0.088 ug/L
RT: 2.105 min Scan# 31
Delta R.T. -0.006 min
Lab File: VV028203.D
Acq: 29 Sep 2022 22:07

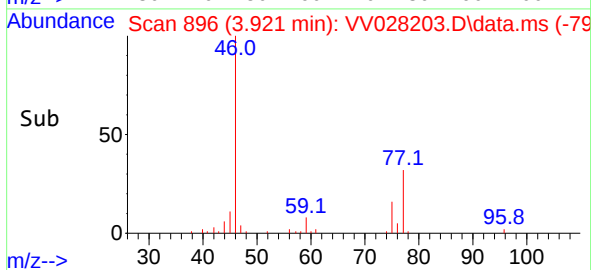
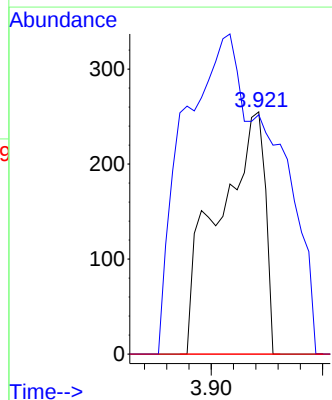
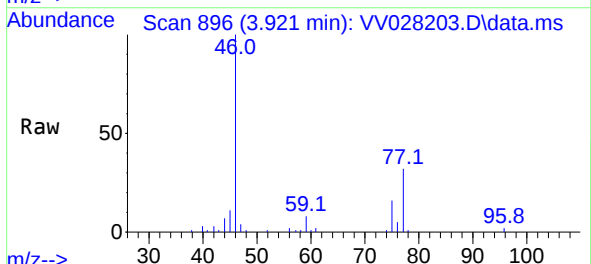
Instrument :
MSVOA_V
ClientSampleId :
F5H08

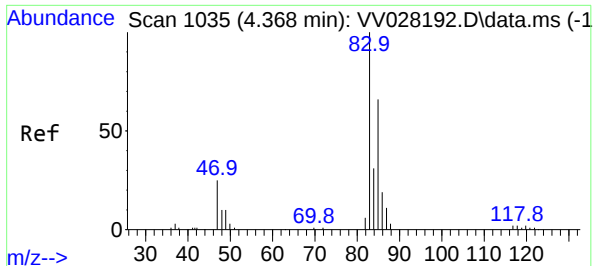
Tgt Ion: 96 Resp: 846
Ion Ratio Lower Upper
96 100
61 1112.9 128.3 238.3#
63 9805.4 112.7 209.3#



#22
cis-1,2-Dichloroethene
Concen: 0.034 ug/L
RT: 3.921 min Scan# 896
Delta R.T. 0.022 min
Lab File: VV028203.D
Acq: 29 Sep 2022 22:07

Tgt Ion: 96 Resp: 371
Ion Ratio Lower Upper
96 100
61 98.8 87.2 161.9
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.828 ug/L

RT: 4.371 min Scan# 1035

Delta R.T. 0.010 min

Lab File: VV028203.D

Acq: 29 Sep 2022 22:07

Instrument :

MSVOA_V

ClientSampleId :

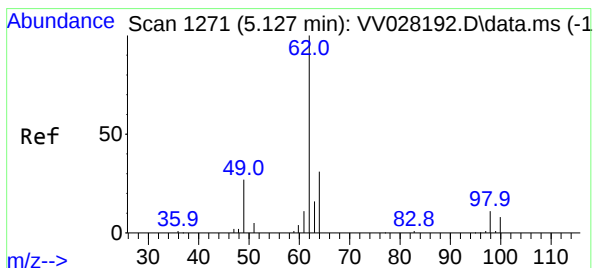
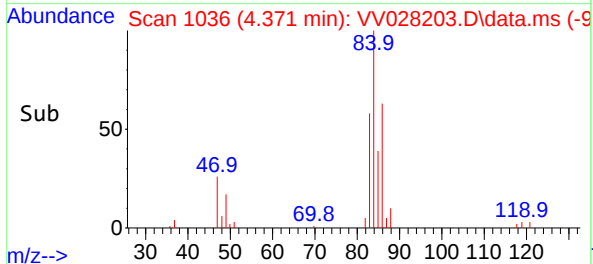
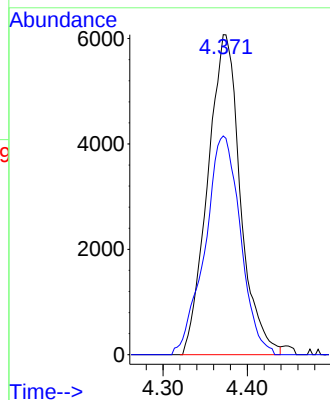
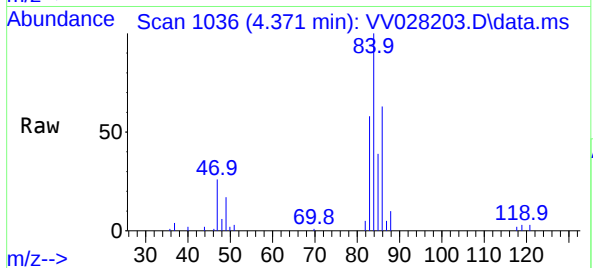
F5H08

Tgt Ion: 83 Resp: 16356

Ion Ratio Lower Upper

83 100

85 68.3 45.1 83.7



#27

1,2-Dichloroethane

Concen: 0.100 ug/L

RT: 5.040 min Scan# 1244

Delta R.T. -0.084 min

Lab File: VV028203.D

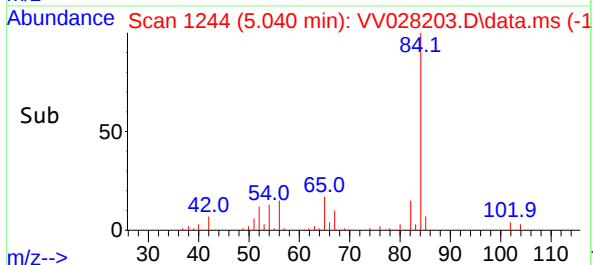
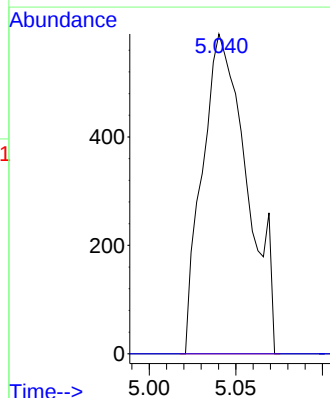
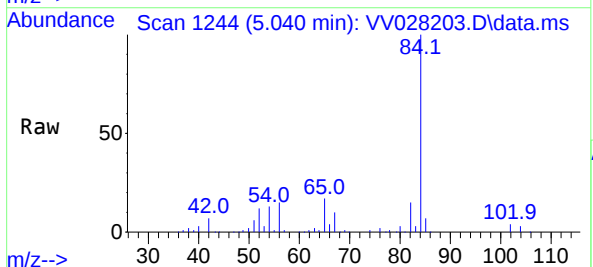
Acq: 29 Sep 2022 22:07

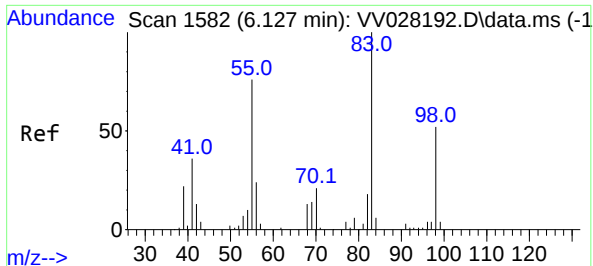
Tgt Ion: 62 Resp: 1055

Ion Ratio Lower Upper

62 100

98 0.0 6.7 10.1#





#35

Methylcyclohexane

Concen: 1.175 ug/L

RT: 6.066 min Scan# 1562

Delta R.T. -0.055 min

Lab File: VV028203.D

Acq: 29 Sep 2022 22:07

Instrument :

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F5H08

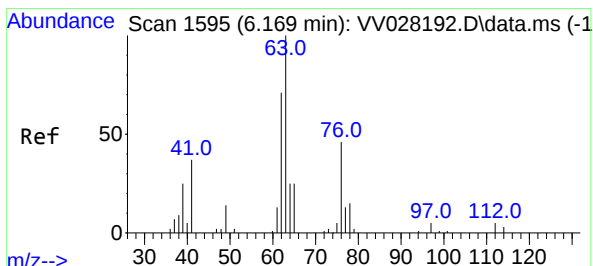
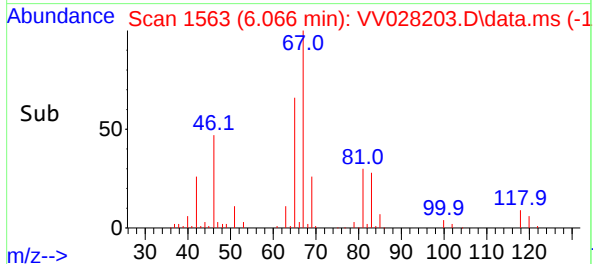
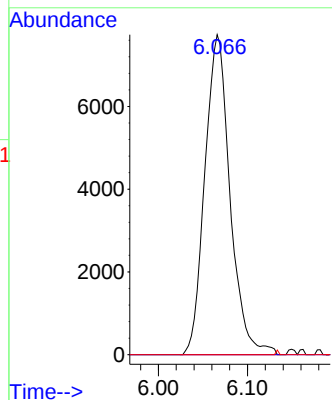
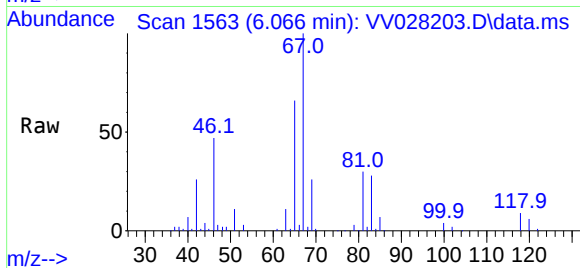
Tgt Ion: 83 Resp: 15202

Ion Ratio Lower Upper

83 100

55 0.0 64.7 97.1#

98 0.1 39.5 59.3#



#37

1,2-Dichloropropane

Concen: 0.573 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.103 min

Lab File: VV028203.D

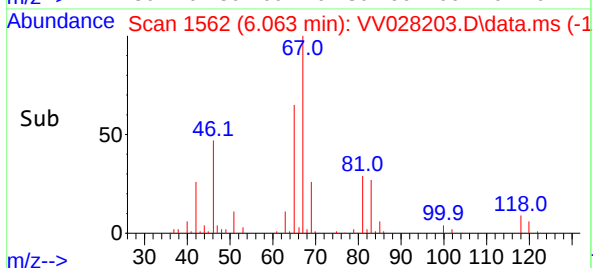
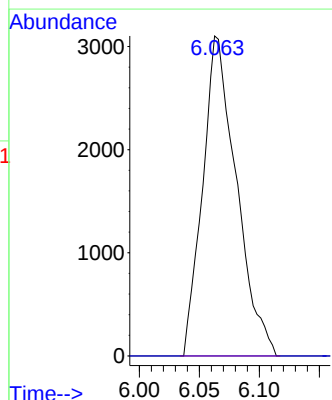
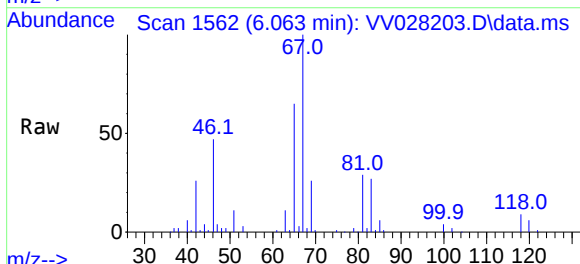
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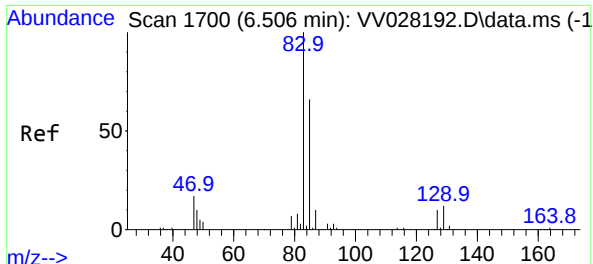
Tgt Ion: 63 Resp: 6081

Ion Ratio Lower Upper

63 100

112 0.0 3.5 5.3#

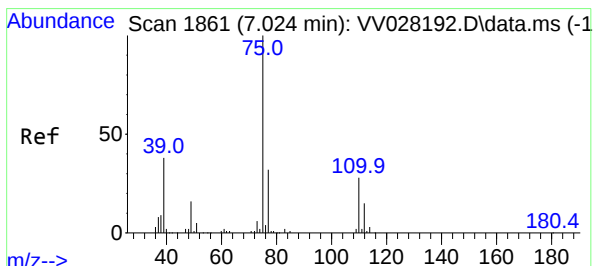
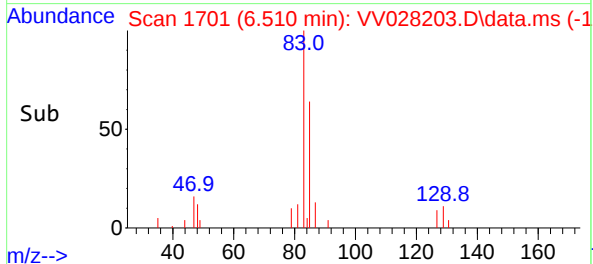
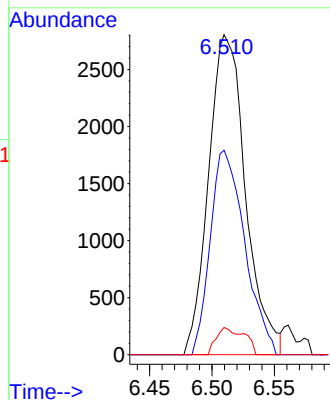
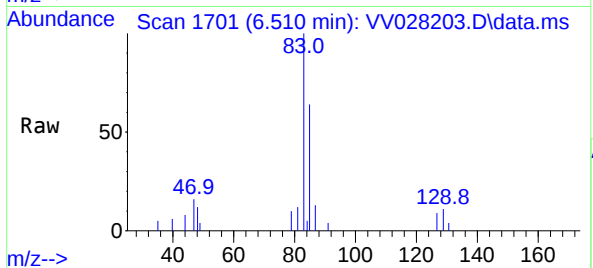




#38
Bromodichloromethane
Concen: 0.441 ug/L
RT: 6.510 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV028203.D
Acq: 29 Sep 2022 22:07

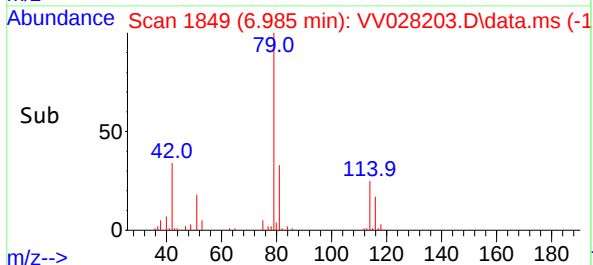
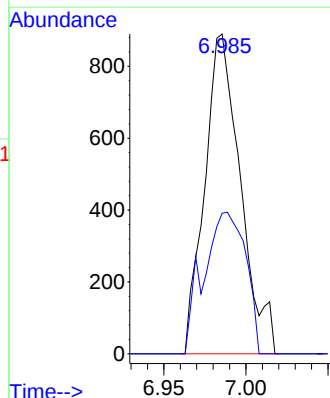
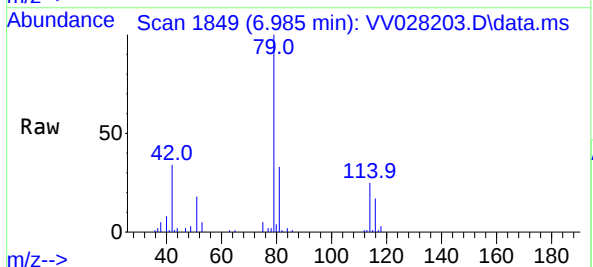
Instrument :
MSVOA_V
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F5H08

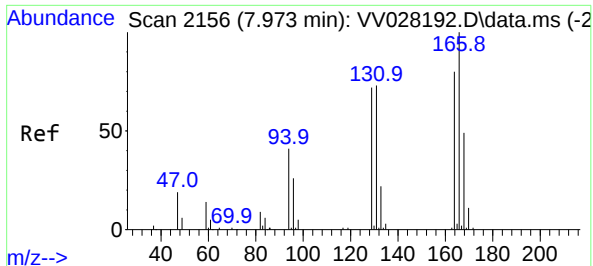
Tgt Ion: 83 Resp: 5788
Ion Ratio Lower Upper
83 100
85 63.9 43.8 81.4
127 8.5 6.3 9.5



#39
cis-1,3-Dichloropropene
Concen: 0.102 ug/L
RT: 6.985 min Scan# 1849
Delta R.T. -0.035 min
Lab File: VV028203.D
Acq: 29 Sep 2022 22:07

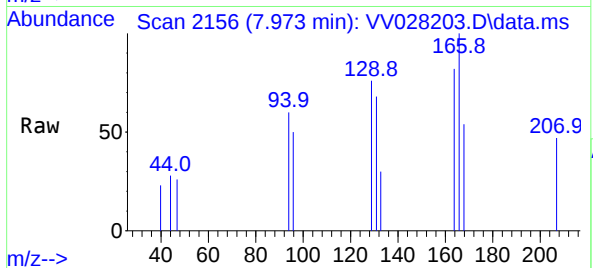
Tgt Ion: 75 Resp: 1348
Ion Ratio Lower Upper
75 100
77 43.9 22.4 41.6#





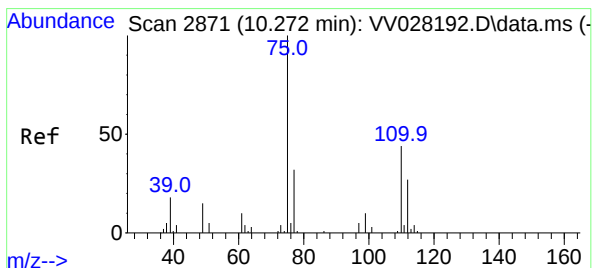
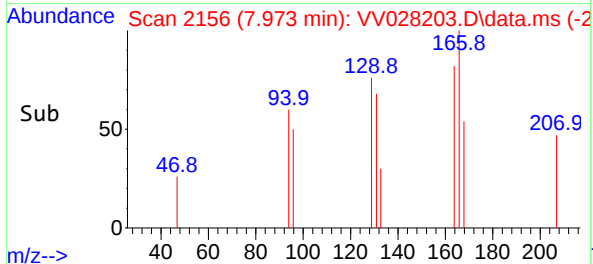
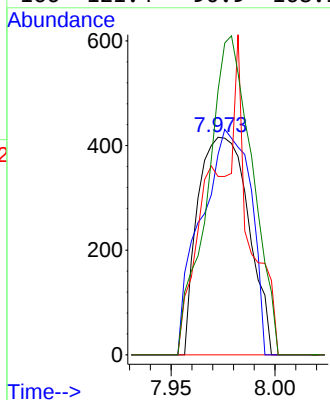
#47
Tetrachloroethene
Concen: 0.093 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.003 min
Lab File: VV028203.D
Acq: 29 Sep 2022 22:07

Instrument :
MSVOA_V
ClientSampleId :
F5H08



Tgt Ion:164 Resp: 703

Ion	Ratio	Lower	Upper
164	100		
129	92.1	66.7	123.9
131	82.0	61.7	114.5
166	121.4	90.9	168.9



#61
1,2,3-Trichloropropane
Concen: 1.065 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.977 min
Lab File: VV028203.D
Acq: 29 Sep 2022 22:07

Tgt Ion: 75 Resp: 6206

Ion	Ratio	Lower	Upper
75	100		
77	32.6	26.7	40.1
110	1.7	30.1	45.1#

