

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092922\
 Data File : VV028201.D
 Acq On : 29 Sep 2022 21:18
 Operator : SY/MD
 Sample : N4870-14
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5H79

Quant Time: Sep 30 01:50:28 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)

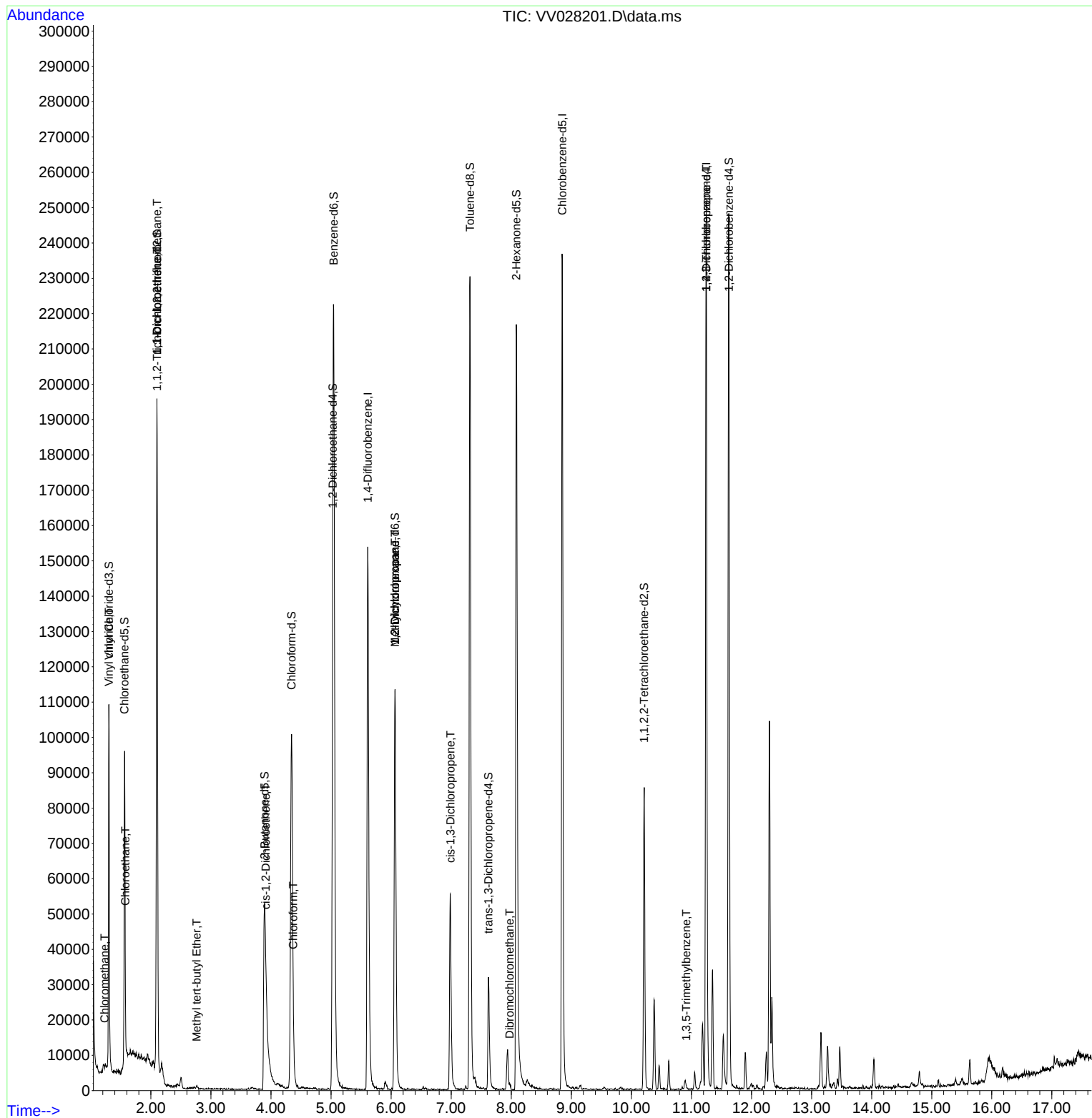
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	144132	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	144240	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	71981	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	66854	4.474	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.400%
7) Chloroethane-d5	1.561	69	57577	4.846	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.000%
11) 1,1-Dichloroethene-d2	2.101	63	96153	3.710	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.200%
20) 2-Butanone-d5	3.892	46	108139	42.867	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.740%
24) Chloroform-d	4.342	84	109138	4.577	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	5.027	65	49766	4.386	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
32) Benzene-d6	5.043	84	213138	4.507	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
36) 1,2-Dichloropropane-d6	6.066	67	57511	3.901	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.000%
41) Toluene-d8	7.313	98	166274	3.884	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.600%
43) trans-1,3-Dichloroprop...	7.619	79	20751	3.896	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.000%
46) 2-Hexanone-d5	8.085	63	83536	37.580	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.160%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	40423	4.011	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	70864	5.019	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.230	50	613	0.043	ug/L	92
5) Vinyl chloride	1.304	62	883	0.079	ug/L #	1
8) Chloroethane	1.574	64	9564	1.276	ug/L #	51
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	1259	0.123	ug/L #	21
12) 1,1-Dichloroethene	2.101	96	1026	0.103	ug/L #	1
17) Methyl tert-butyl Ether	2.764	73	865	0.040	ug/L #	60
22) cis-1,2-Dichloroethene	3.912	96	482	0.042	ug/L #	66
25) Chloroform	4.371	83	3267	0.160	ug/L	96
35) Methylcyclohexane	6.063	83	14514	1.061	ug/L #	17
37) 1,2-Dichloropropane	6.066	63	6153	0.548	ug/L #	87
39) cis-1,3-Dichloropropene	6.989	75	1287	0.092	ug/L #	52
49) Dibromochloromethane	7.973	129	396	0.044	ug/L #	11
61) 1,2,3-Trichloropropane	11.246	75	6796	1.126	ug/L #	62
62) 1,3,5-Trimethylbenzene	10.915	105	477	0.040	ug/L #	74

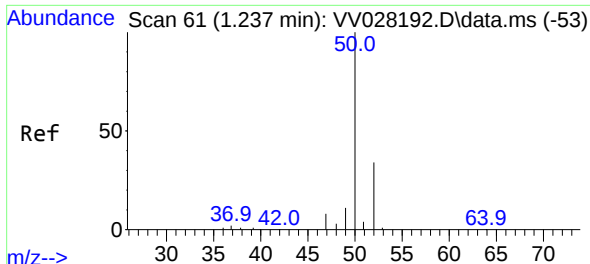
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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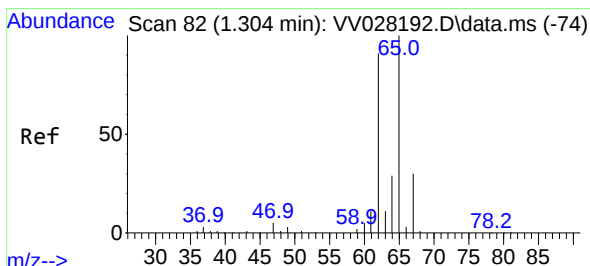
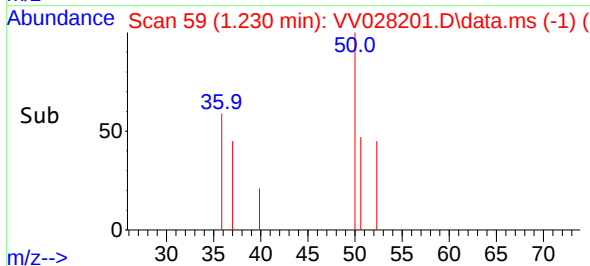
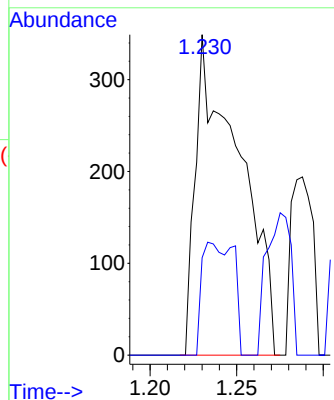
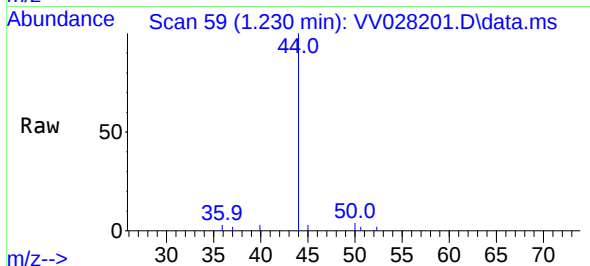




#3
Chloromethane
Concen: 0.043 ug/L
RT: 1.230 min Scan# 51
Delta R.T. -0.006 min
Lab File: VV028201.D
Acq: 29 Sep 2022 21:18

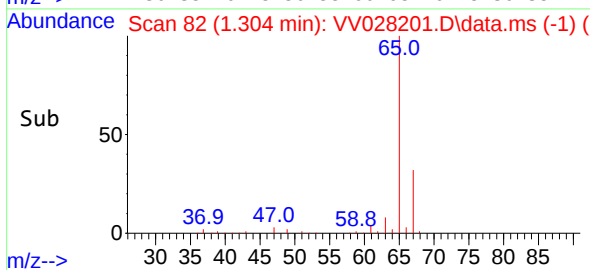
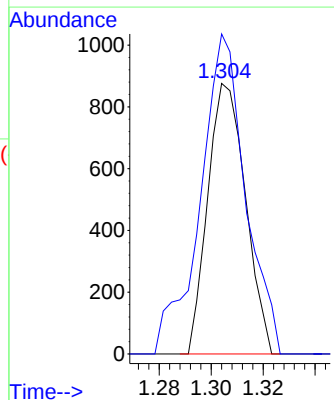
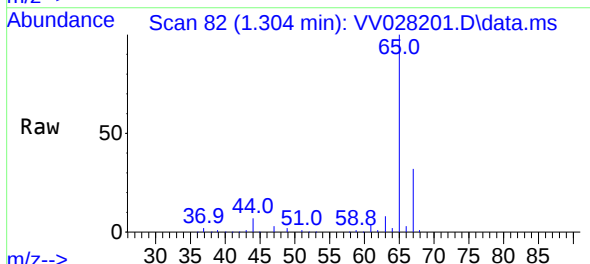
Instrument :
MSVOA_V
ClientSampleId :
F5H79

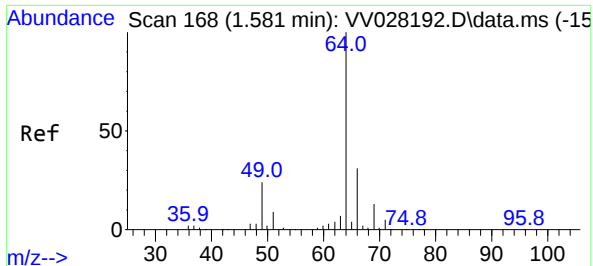
Tgt Ion: 50 Resp: 613
Ion Ratio Lower Upper
50 100
52 30.4 24.4 45.2



#5
Vinyl chloride
Concen: 0.079 ug/L
RT: 1.304 min Scan# 82
Delta R.T. -0.000 min
Lab File: VV028201.D
Acq: 29 Sep 2022 21:18

Tgt Ion: 62 Resp: 883
Ion Ratio Lower Upper
62 100
64 118.3 23.0 42.8#

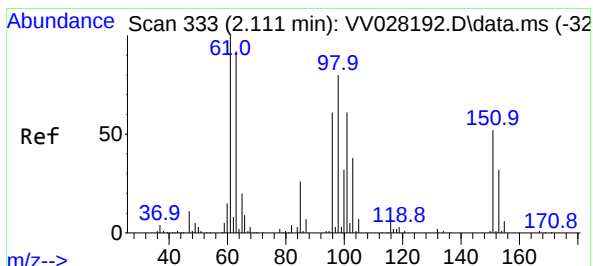
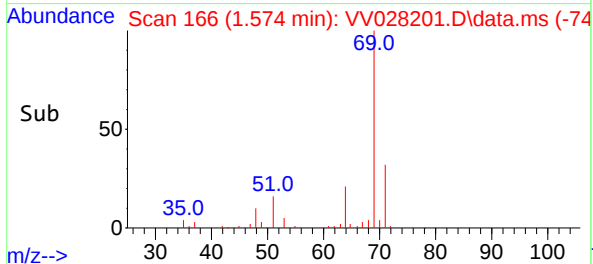
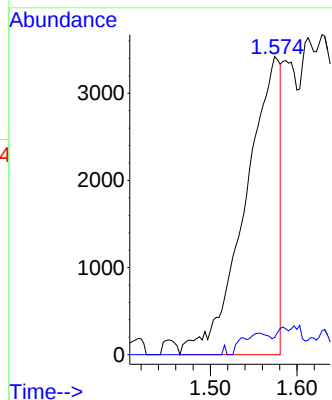
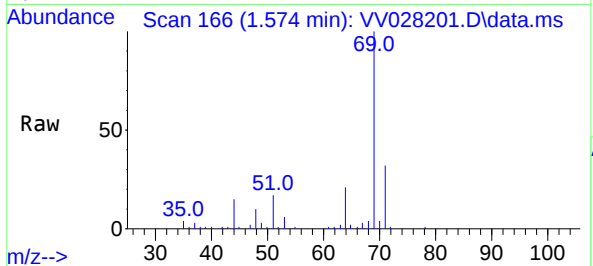




#8
Chloroethane
Concen: 1.276 ug/L
RT: 1.574 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV028201.D
Acq: 29 Sep 2022 21:18

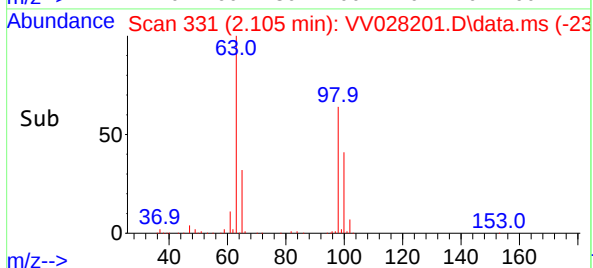
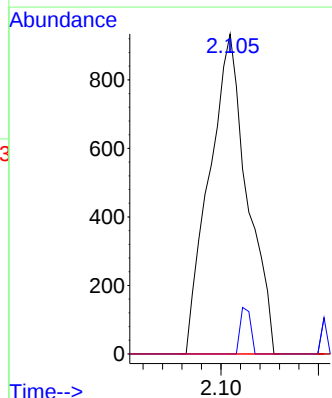
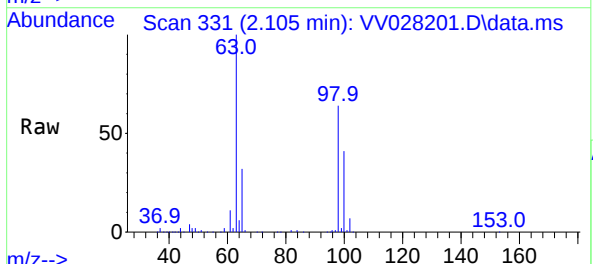
Instrument :
MSVOA_V
ClientSampleId :
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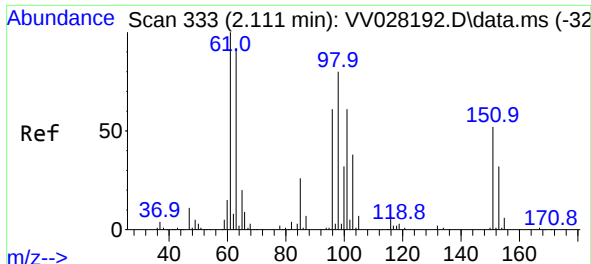
Tgt Ion: 64 Resp: 9564
Ion Ratio Lower Upper
64 100
66 5.2 23.0 42.8#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.123 ug/L
RT: 2.105 min Scan# 331
Delta R.T. -0.003 min
Lab File: VV028201.D
Acq: 29 Sep 2022 21:18

Tgt Ion:101 Resp: 1259
Ion Ratio Lower Upper
101 100
85 4.0 34.4 51.6#
151 0.0 61.1 91.7#

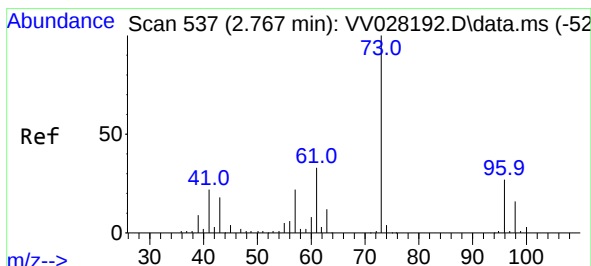
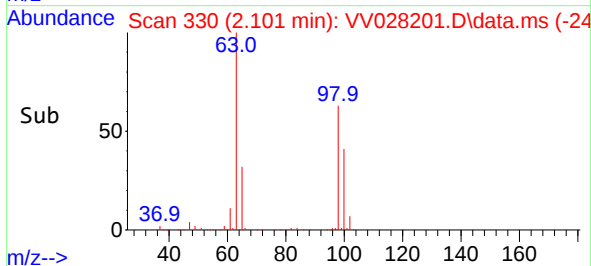
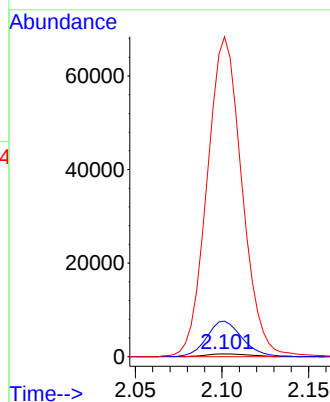
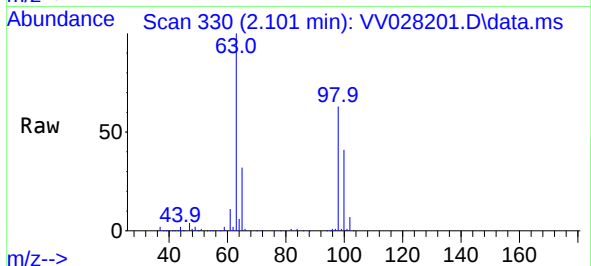




#12
1,1-Dichloroethene
Concen: 0.103 ug/L
RT: 2.101 min Scan# 31
Delta R.T. -0.010 min
Lab File: VV028201.D
Acq: 29 Sep 2022 21:18

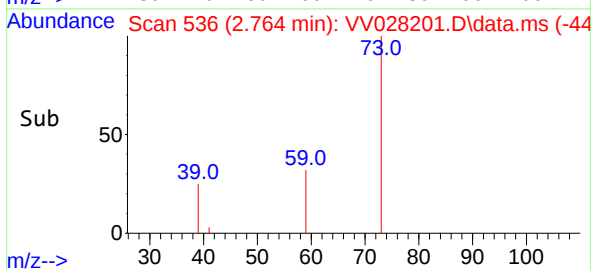
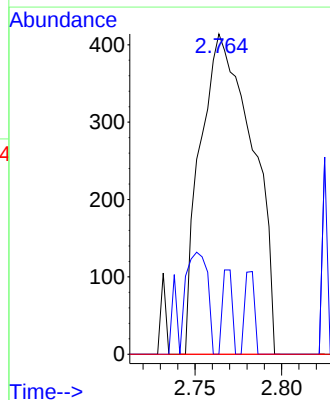
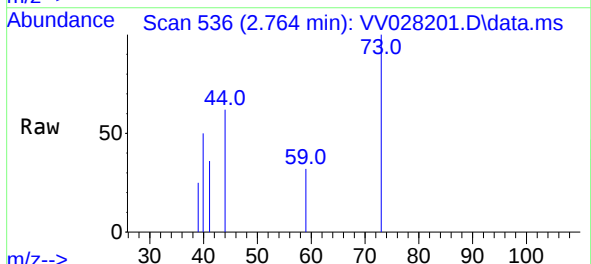
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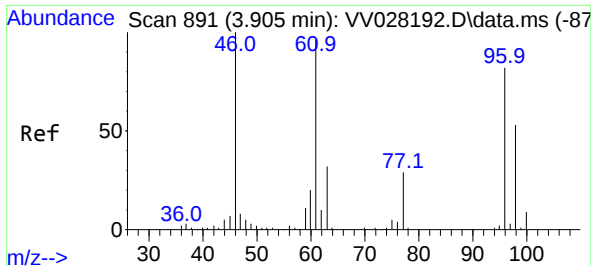
Tgt Ion: 96 Resp: 1026
Ion Ratio Lower Upper
96 100
61 1272.6 128.3 238.3#
63 11438.1 112.7 209.3#



#17
Methyl tert-butyl Ether
Concen: 0.040 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.000 min
Lab File: VV028201.D
Acq: 29 Sep 2022 21:18

Tgt Ion: 73 Resp: 865
Ion Ratio Lower Upper
73 100
43 4.9 15.7 23.5#
57 0.0 17.8 26.8#

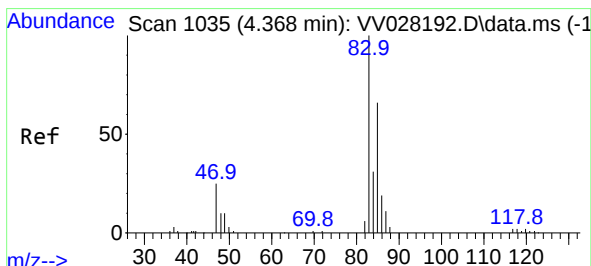
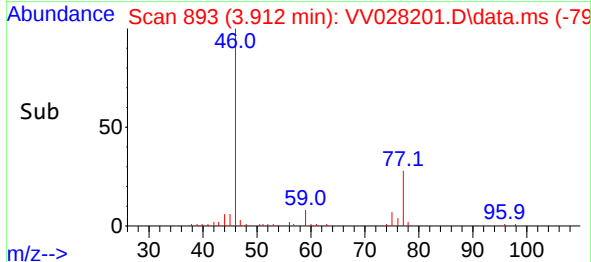
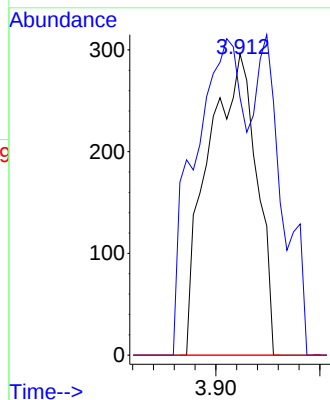
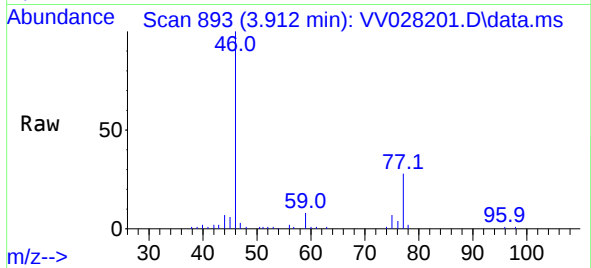




#22
cis-1,2-Dichloroethene
Concen: 0.042 ug/L
RT: 3.912 min Scan# 891
Delta R.T. 0.013 min
Lab File: VV028201.D
Acq: 29 Sep 2022 21:18

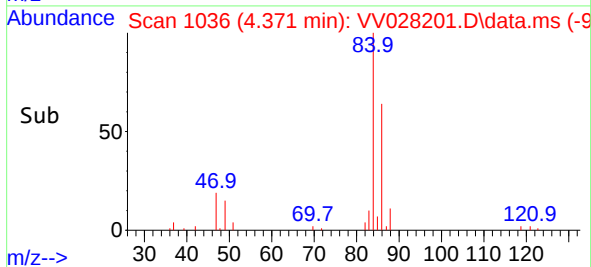
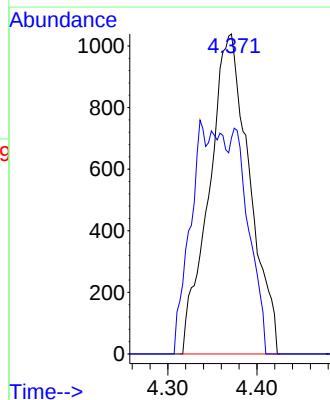
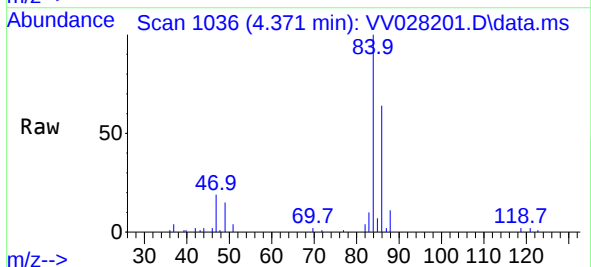
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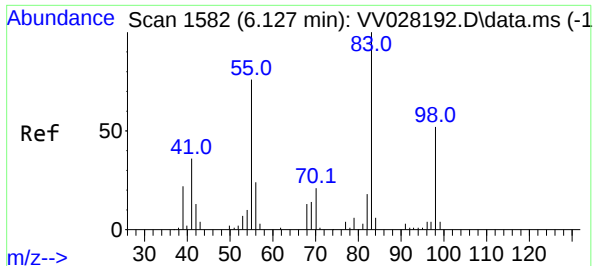
Tgt Ion: 96 Resp: 482
Ion Ratio Lower Upper
96 100
61 85.5 87.2 161.9#
68 0.0 0.0 0.0



#25
Chloroform
Concen: 0.160 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. 0.010 min
Lab File: VV028201.D
Acq: 29 Sep 2022 21:18

Tgt Ion: 83 Resp: 3267
Ion Ratio Lower Upper
83 100
85 67.5 45.1 83.7





#35

Methylcyclohexane

Concen: 1.061 ug/L

RT: 6.063 min Scan# 1

Delta R.T. -0.058 min

Lab File: VV028201.D

Acq: 29 Sep 2022 21:18

Instrument :

MSVOA_V

ClientSampleId :

F5H79

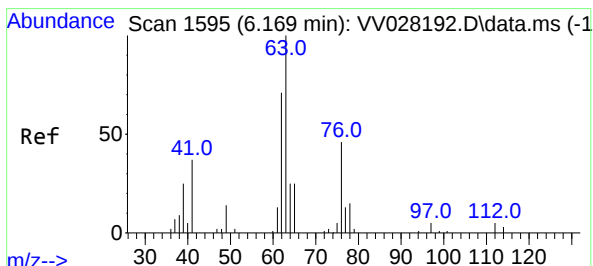
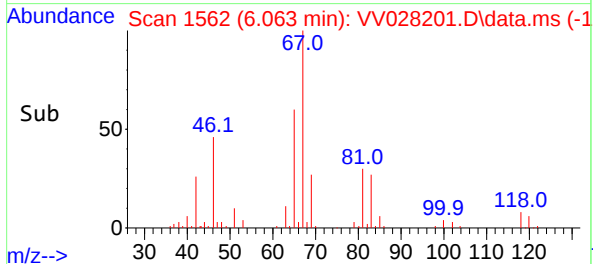
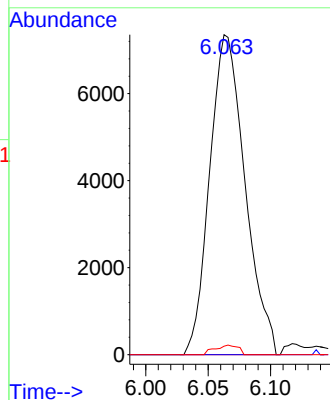
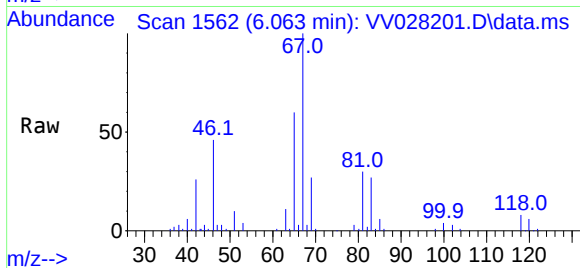
Tgt Ion: 83 Resp: 14514

Ion Ratio Lower Upper

83 100

55 0.2 64.7 97.1#

98 2.0 39.5 59.3#



#37

1,2-Dichloropropane

Concen: 0.548 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.100 min

Lab File: VV028201.D

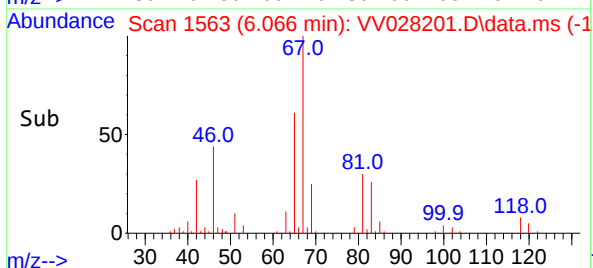
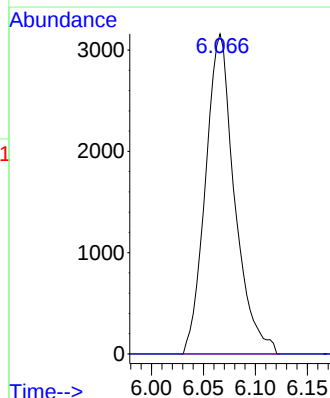
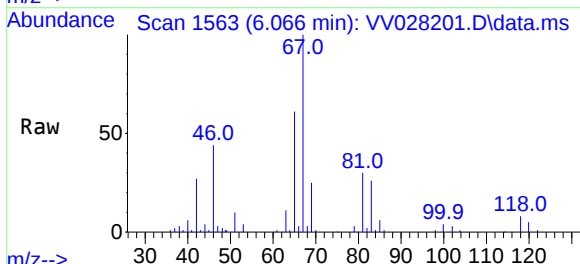
Acq: 29 Sep 2022 21:18

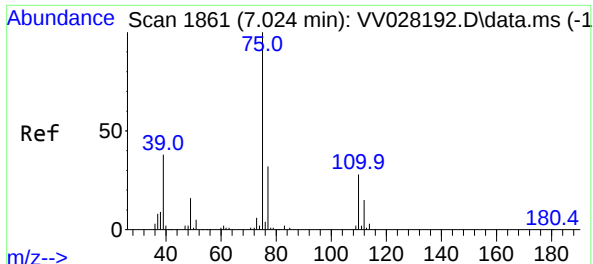
Tgt Ion: 63 Resp: 6153

Ion Ratio Lower Upper

63 100

112 0.0 3.5 5.3#





#39

cis-1,3-Dichloropropene

Concen: 0.092 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.032 min

Lab File: VV028201.D

Acq: 29 Sep 2022 21:18

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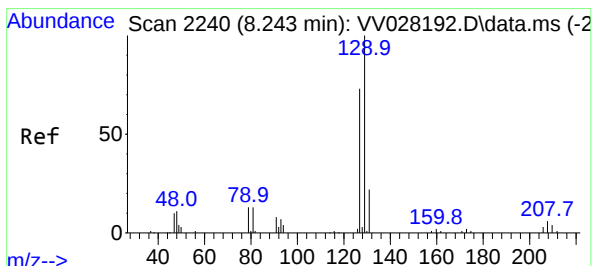
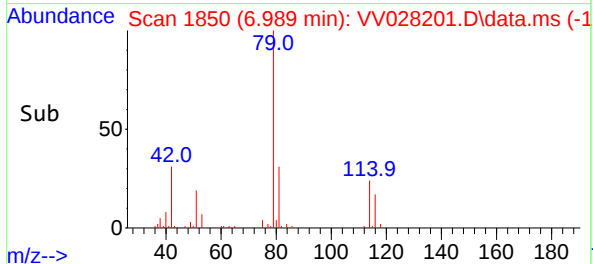
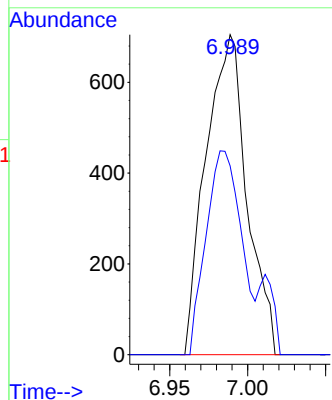
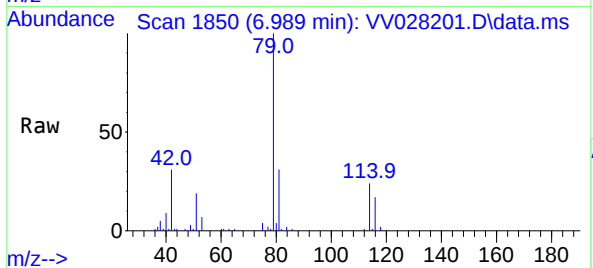
F5H79

Tgt Ion: 75 Resp: 1287

Ion Ratio Lower Upper

75 100

77 59.0 22.4 41.6#



#49

Dibromochloromethane

Concen: 0.044 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.267 min

Lab File: VV028201.D

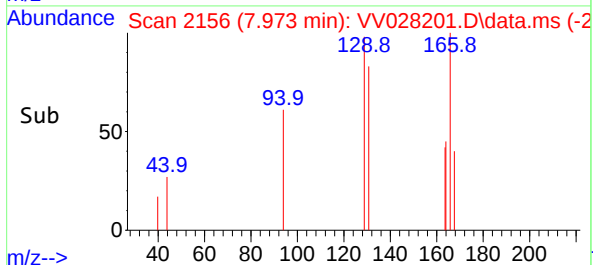
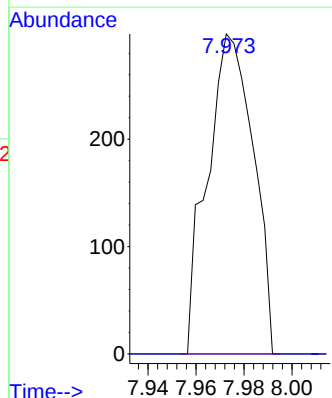
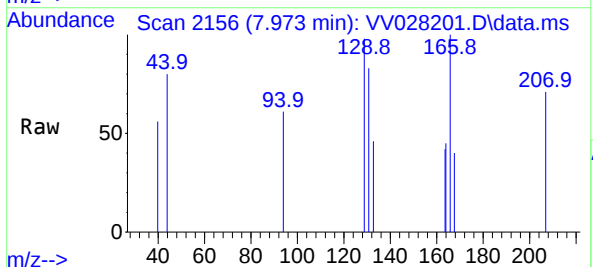
Acq: 29 Sep 2022 21:18

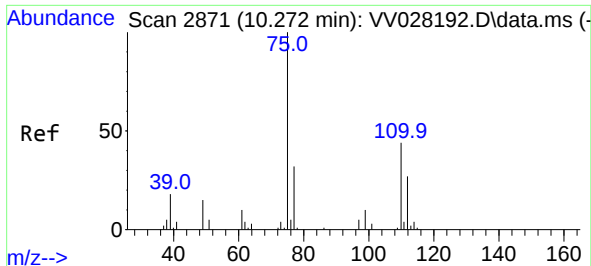
Tgt Ion: 129 Resp: 396

Ion Ratio Lower Upper

129 100

127 0.0 54.3 100.9#

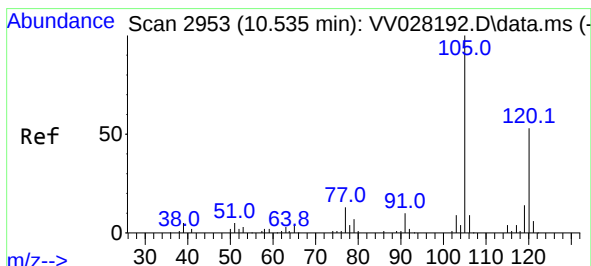
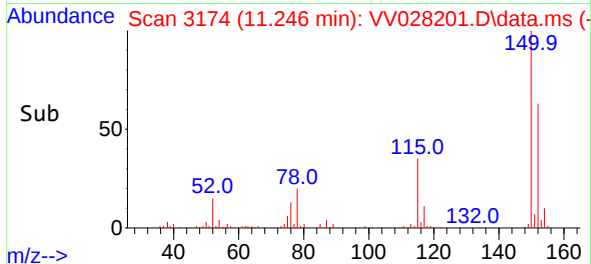
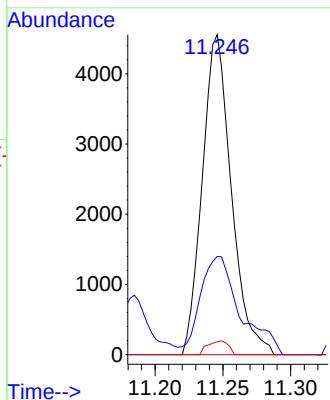
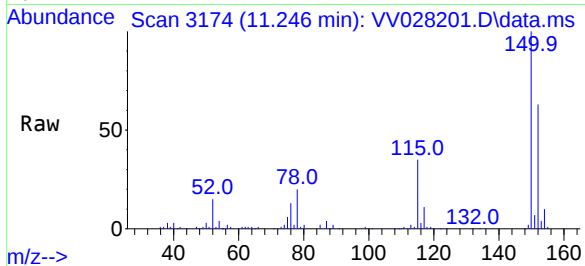




#61
1,2,3-Trichloropropane
Concen: 1.126 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.977 min
Lab File: VV028201.D
Acq: 29 Sep 2022 21:18

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion: 75 Resp: 6796
Ion Ratio Lower Upper
75 100
77 42.3 26.7 40.1#
110 3.0 30.1 45.1#



#62
1,3,5-Trimethylbenzene
Concen: 0.040 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.379 min
Lab File: VV028201.D
Acq: 29 Sep 2022 21:18

Tgt Ion: 105 Resp: 477
Ion Ratio Lower Upper
105 100
120 32.5 40.6 61.0#

