

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100522\
 Data File : VW028365.D
 Acq On : 05 Oct 2022 13:55
 Operator : SY/MD
 Sample : N4899-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5H04

Quant Time: Oct 06 02:32:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 04 02:28:45 2022
 Response via : Initial Calibration

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

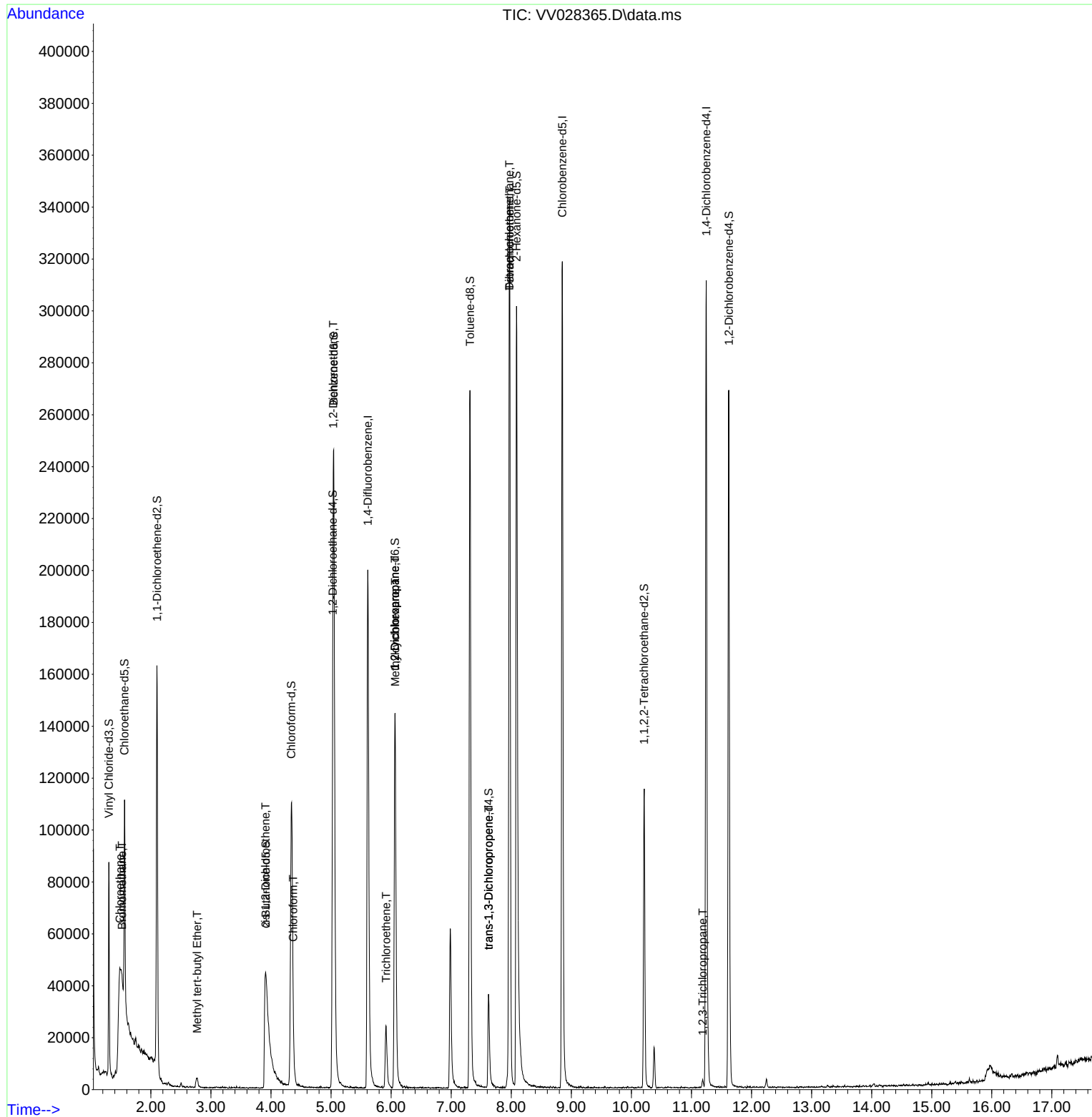
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	185591	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	187882	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	89307	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	52443	3.761	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.200%
7) Chloroethane-d5	1.561	69	50963	4.317	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.400%
11) 1,1-Dichloroethene-d2	2.102	63	78394	2.983	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.600%#
20) 2-Butanone-d5	3.912	46	131293	55.646	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.300%
24) Chloroform-d	4.339	84	122147	4.835	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	5.027	65	57490	4.909	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
32) Benzene-d6	5.044	84	237017	4.599	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
36) 1,2-Dichloropropane-d6	6.063	67	75590	5.113	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.200%
41) Toluene-d8	7.314	98	189957	4.007	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.200%
43) trans-1,3-Dichloroprop...	7.622	79	23926	4.249	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.000%
46) 2-Hexanone-d5	8.088	63	118394	51.368	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.740%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	58830	5.249	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	73763	4.799	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.000%
Target Compounds						
6) Bromomethane	1.520	94	374	0.049	ug/L	95
8) Chloroethane	1.484	64	68574	6.459	ug/L #	50
17) Methyl tert-butyl Ether	2.770	73	4189	0.153	ug/L #	95
22) cis-1,2-Dichloroethene	3.909	96	451	0.032	ug/L	90
25) Chloroform	4.368	83	3943	0.152	ug/L	82
27) 1,2-Dichloroethane	5.037	62	977	0.070	ug/L #	76
34) Trichloroethene	5.918	95	8380	0.598	ug/L	93
35) Methylcyclohexane	6.069	83	19014	0.832	ug/L #	16
37) 1,2-Dichloropropane	6.063	63	7845	0.606	ug/L #	89
44) trans-1,3-Dichloropropene	7.622	75	1266	0.081	ug/L	95
47) Tetrachloroethene	7.973	164	82195	6.716	ug/L	97
49) Dibromochloromethane	7.969	129	74234	6.105	ug/L #	11
61) 1,2,3-Trichloropropane	11.188	75	468	0.068	ug/L #	39

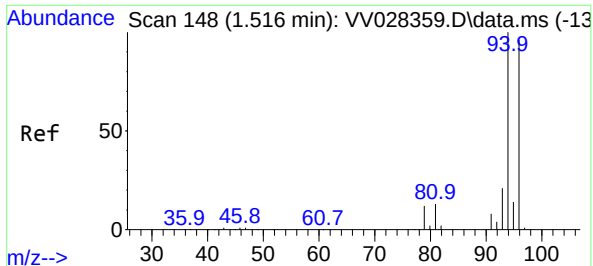
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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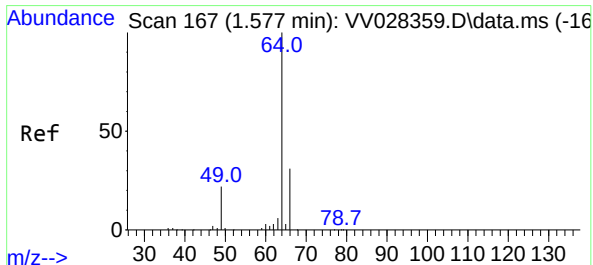
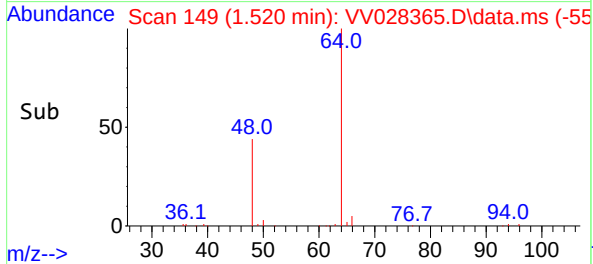
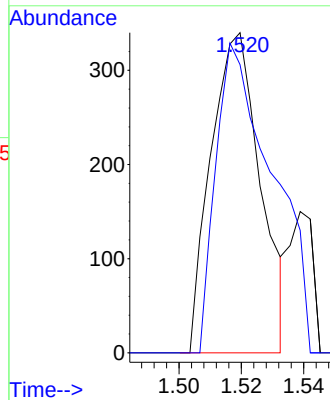
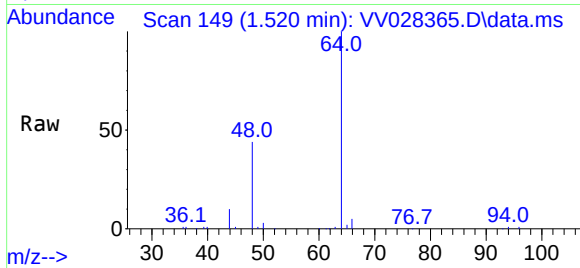




#6
Bromomethane
Concen: 0.049 ug/L
RT: 1.520 min Scan# 14
Delta R.T. 0.003 min
Lab File: VV028365.D
Acq: 05 Oct 2022 13:55

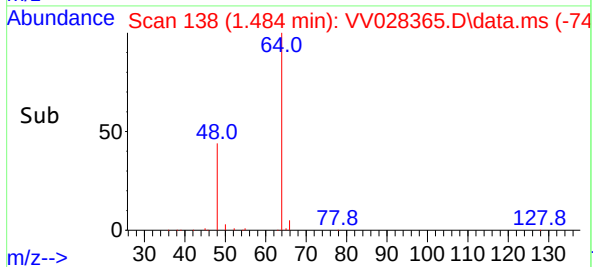
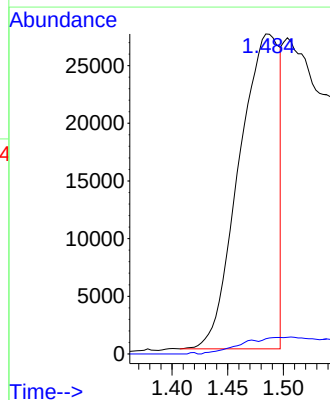
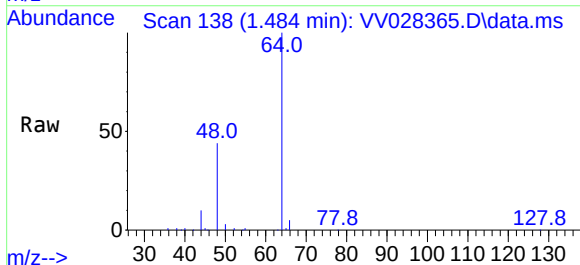
Instrument :
MSVOA_V
ClientSampleId :
F5H04

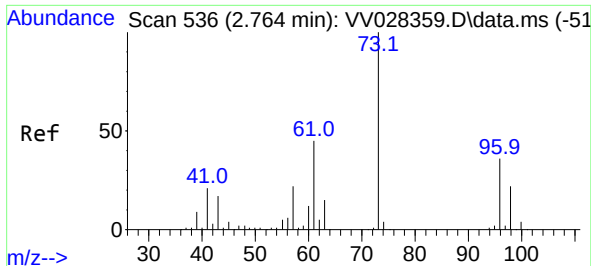
Tgt Ion: 94 Resp: 374
Ion Ratio Lower Upper
94 100
96 90.0 66.7 123.9



#8
Chloroethane
Concen: 6.459 ug/L
RT: 1.484 min Scan# 138
Delta R.T. -0.093 min
Lab File: VV028365.D
Acq: 05 Oct 2022 13:55

Tgt Ion: 64 Resp: 68574
Ion Ratio Lower Upper
64 100
66 4.7 23.0 42.8#

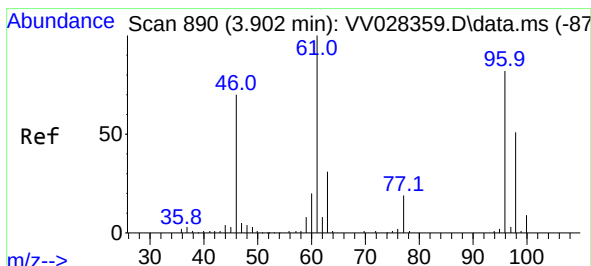
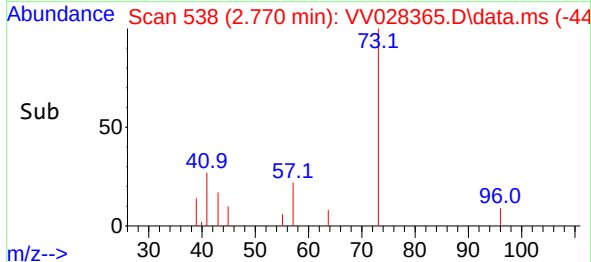
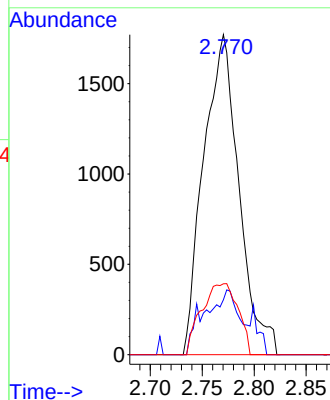
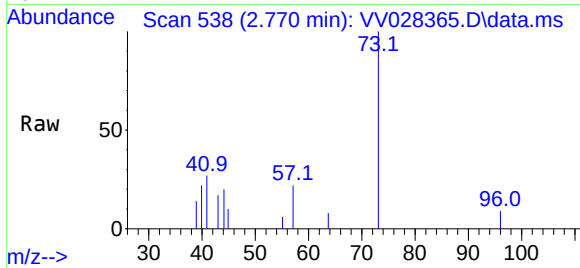




#17
Methyl tert-butyl Ether
Concen: 0.153 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.007 min
Lab File: VV028365.D
Acq: 05 Oct 2022 13:55

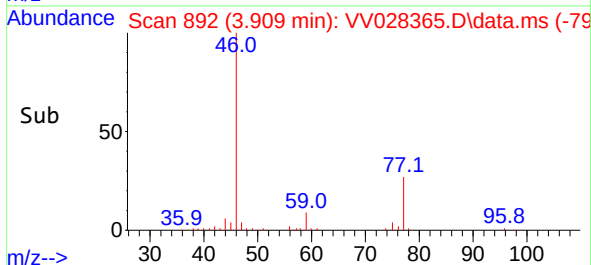
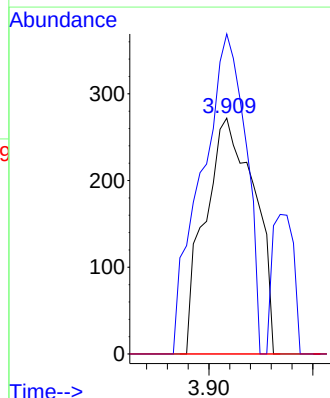
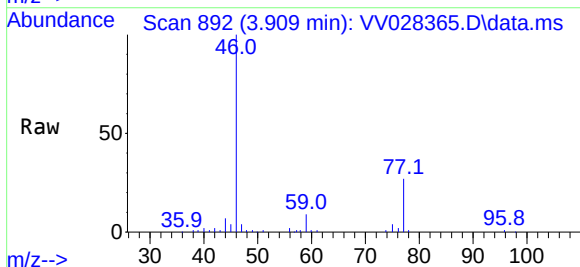
Instrument :
MSVOA_V
ClientSampleId :
F5H04

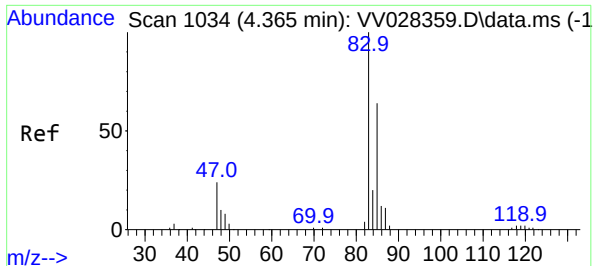
Tgt Ion: 73 Resp: 4189
Ion Ratio Lower Upper
73 100
43 15.4 15.7 23.5#
57 22.9 17.8 26.8



#22
cis-1,2-Dichloroethene
Concen: 0.032 ug/L
RT: 3.909 min Scan# 892
Delta R.T. 0.003 min
Lab File: VV028365.D
Acq: 05 Oct 2022 13:55

Tgt Ion: 96 Resp: 451
Ion Ratio Lower Upper
96 100
61 135.7 87.2 161.9
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.152 ug/L

RT: 4.368 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV028365.D

Acq: 05 Oct 2022 13:55

Instrument :

MSVOA_V

ClientSampleId :

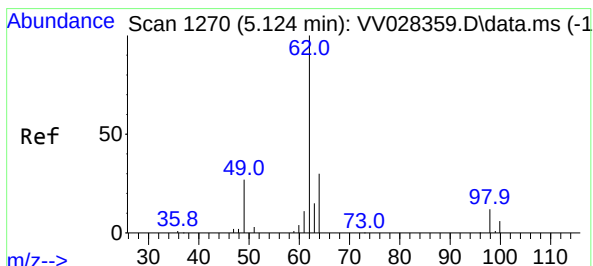
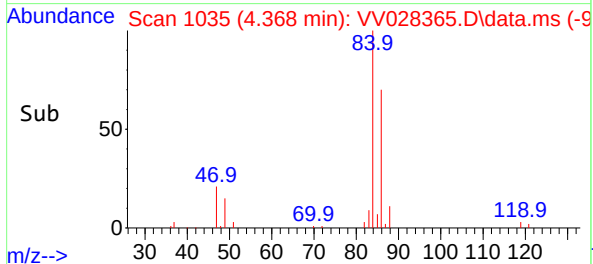
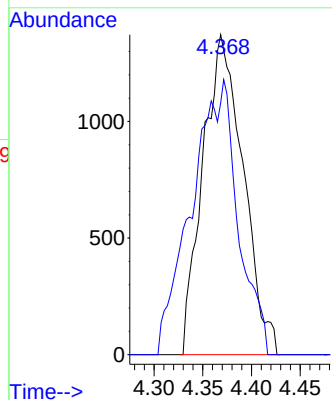
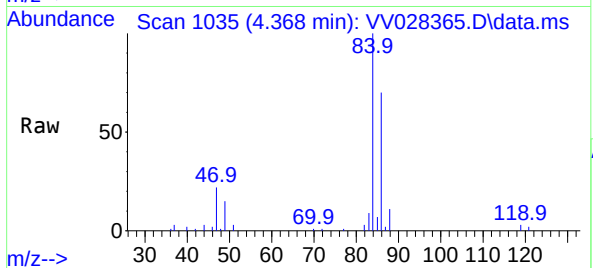
F5H04

Tgt Ion: 83 Resp: 3943

Ion Ratio Lower Upper

83 100

85 78.7 45.1 83.7



#27

1,2-Dichloroethane

Concen: 0.070 ug/L

RT: 5.037 min Scan# 1243

Delta R.T. -0.090 min

Lab File: VV028365.D

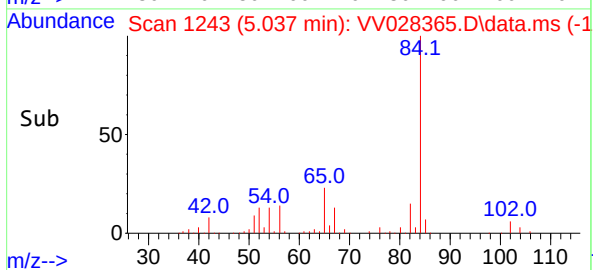
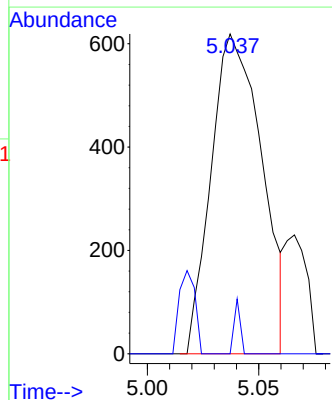
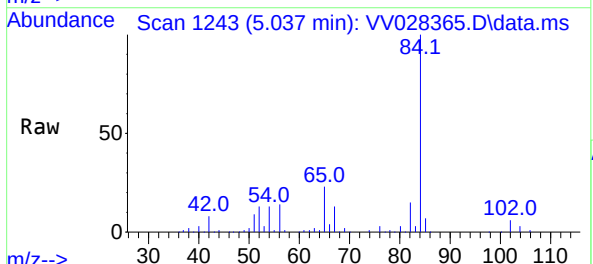
Acq: 05 Oct 2022 13:55

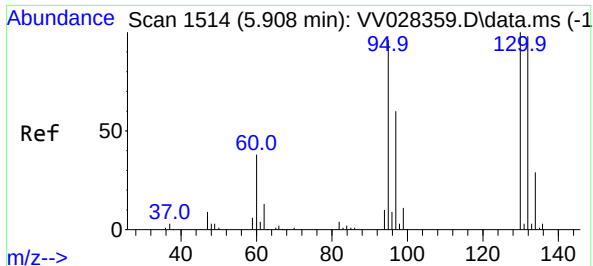
Tgt Ion: 62 Resp: 977

Ion Ratio Lower Upper

62 100

98 0.0 6.7 10.1#

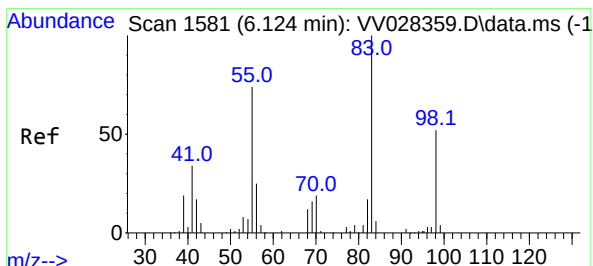
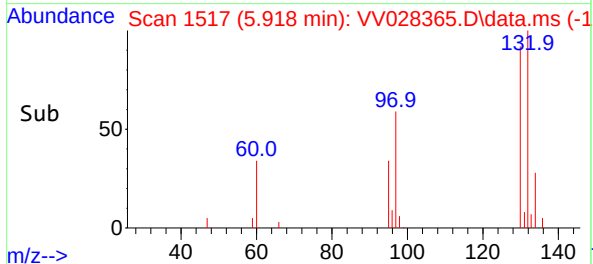
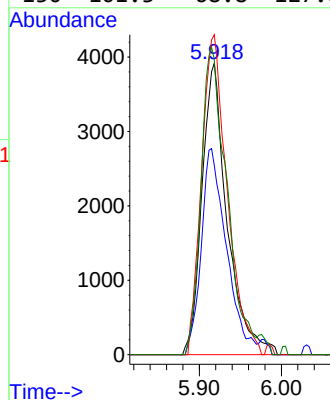
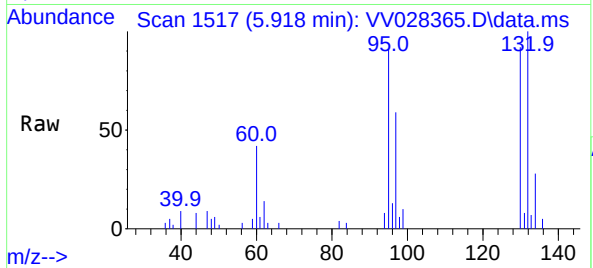




#34
Trichloroethene
Concen: 0.598 ug/L
RT: 5.918 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV028365.D
Acq: 05 Oct 2022 13:55

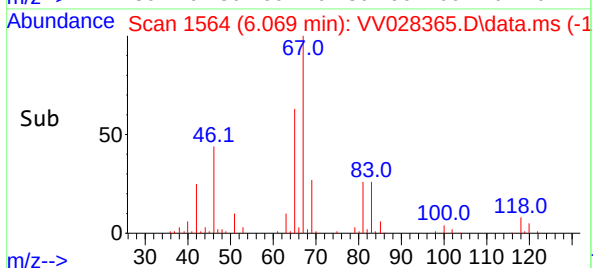
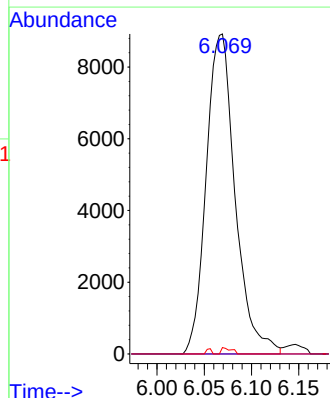
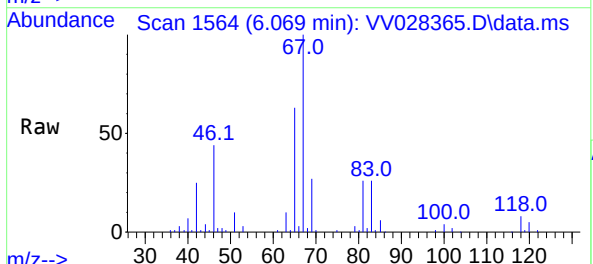
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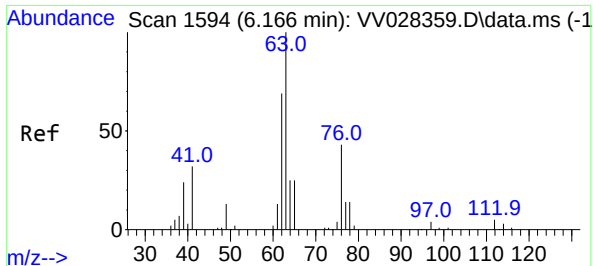
Tgt Ion: 95 Resp: 8380
Ion Ratio Lower Upper
95 100
97 65.0 44.2 82.0
132 109.9 67.8 126.0
130 101.3 68.8 127.8



#35
Methylcyclohexane
Concen: 0.832 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.054 min
Lab File: VV028365.D
Acq: 05 Oct 2022 13:55

Tgt Ion: 83 Resp: 19014
Ion Ratio Lower Upper
83 100
55 0.0 64.7 97.1#
98 0.7 39.5 59.3#

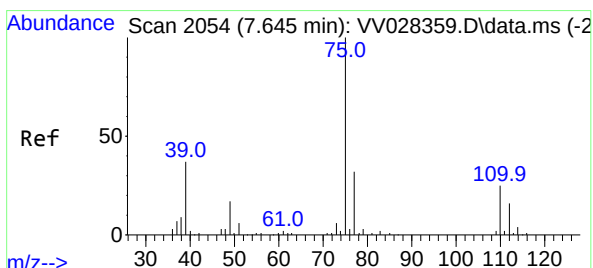
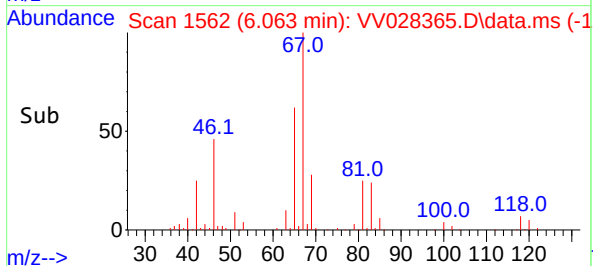
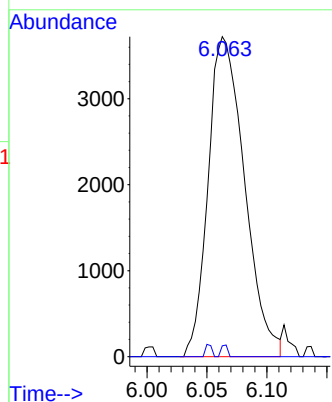
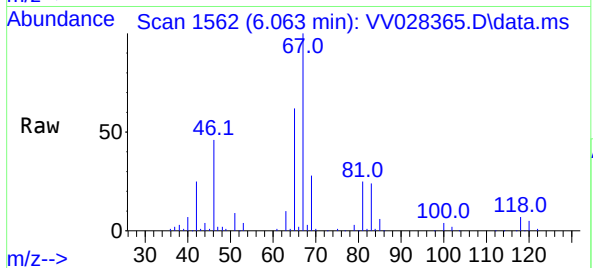




#37
1,2-Dichloropropane
Concen: 0.606 ug/L
RT: 6.063 min Scan# 11
Delta R.T. -0.106 min
Lab File: VV028365.D
Acq: 05 Oct 2022 13:55

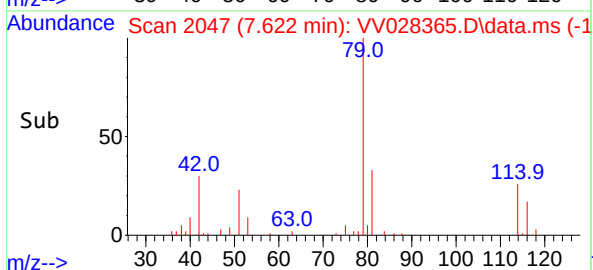
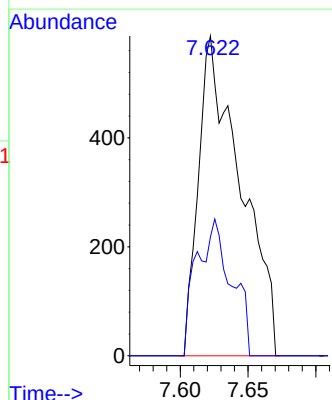
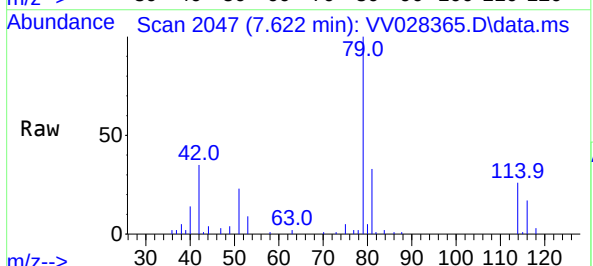
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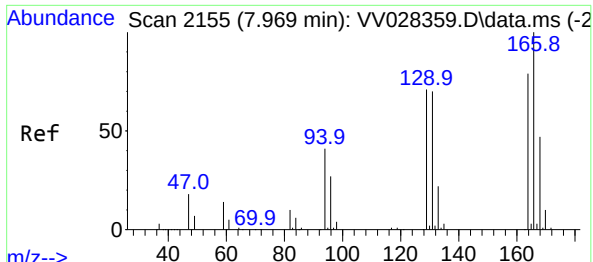
Tgt Ion: 63 Resp: 7845
Ion Ratio Lower Upper
63 100
112 0.7 3.5 5.3#



#44
trans-1,3-Dichloropropene
Concen: 0.081 ug/L
RT: 7.622 min Scan# 2047
Delta R.T. -0.025 min
Lab File: VV028365.D
Acq: 05 Oct 2022 13:55

Tgt Ion: 75 Resp: 1266
Ion Ratio Lower Upper
75 100
77 37.1 23.9 44.3

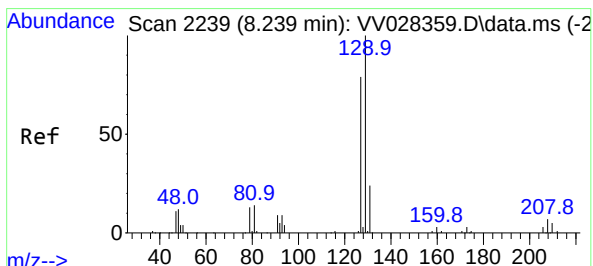
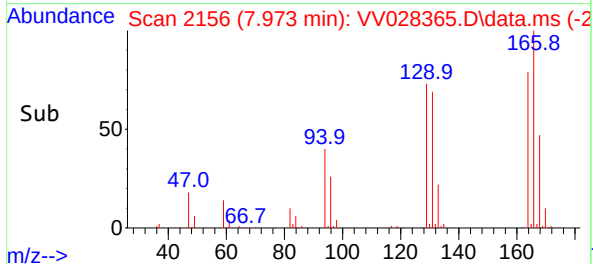
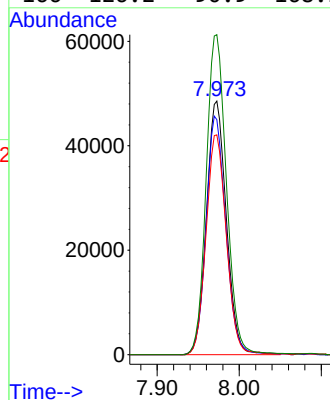
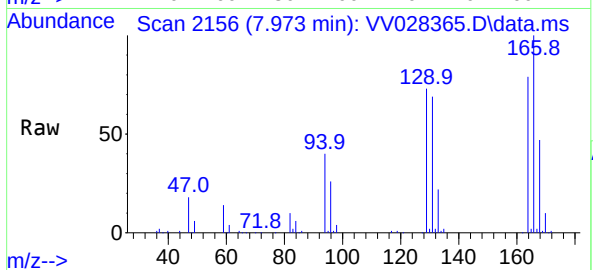




#47
Tetrachloroethene
Concen: 6.716 ug/L
RT: 7.973 min Scan# 2155
Delta R.T. 0.004 min
Lab File: VV028365.D
Acq: 05 Oct 2022 13:55

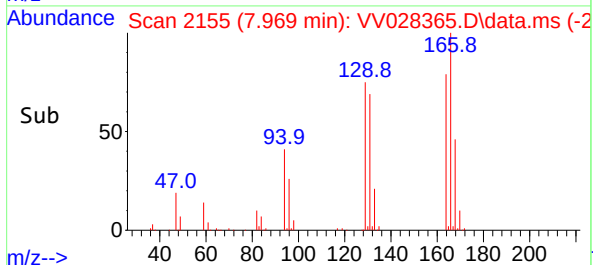
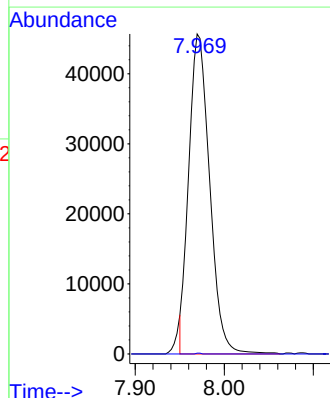
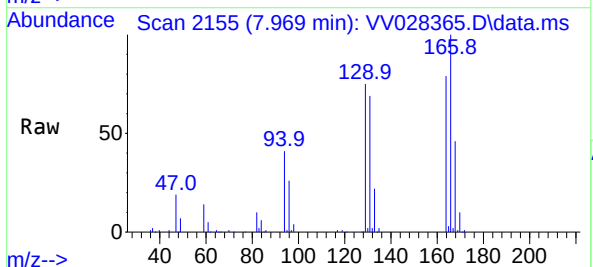
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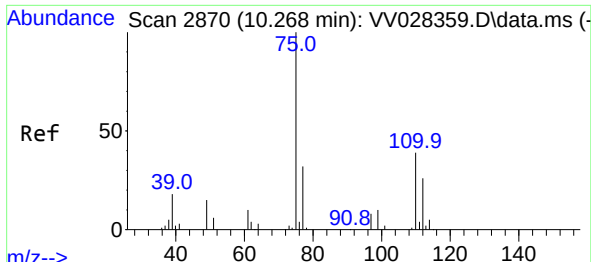
Tgt Ion:164 Resp: 82195
Ion Ratio Lower Upper
164 100
129 92.7 66.7 123.9
131 86.7 61.7 114.5
166 126.2 90.9 168.9



#49
Dibromochloromethane
Concen: 6.105 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. -0.273 min
Lab File: VV028365.D
Acq: 05 Oct 2022 13:55

Tgt Ion:129 Resp: 74234
Ion Ratio Lower Upper
129 100
127 0.3 54.3 100.9#





#61

1,2,3-Trichloropropane

Concen: 0.068 ug/L

RT: 11.188 min Scan# 31

Delta R.T. 0.917 min

Lab File: VV028365.D

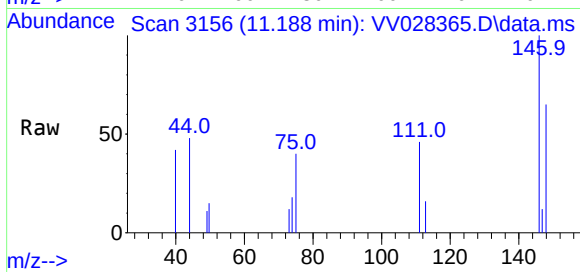
Acq: 05 Oct 2022 13:55

Instrument :

MSVOA_V

ClientSampleId :

F5H04



Tgt Ion: 75 Resp: 468

Ion Ratio Lower Upper

75 100

77 0.0 26.7 40.1#

110 0.0 30.1 45.1#

