

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092822\
 Data File : VV028165.D
 Acq On : 28 Sep 2022 17:40
 Operator : SY/MD
 Sample : N4871-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5H58

Quant Time: Sep 29 01:30:07 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)

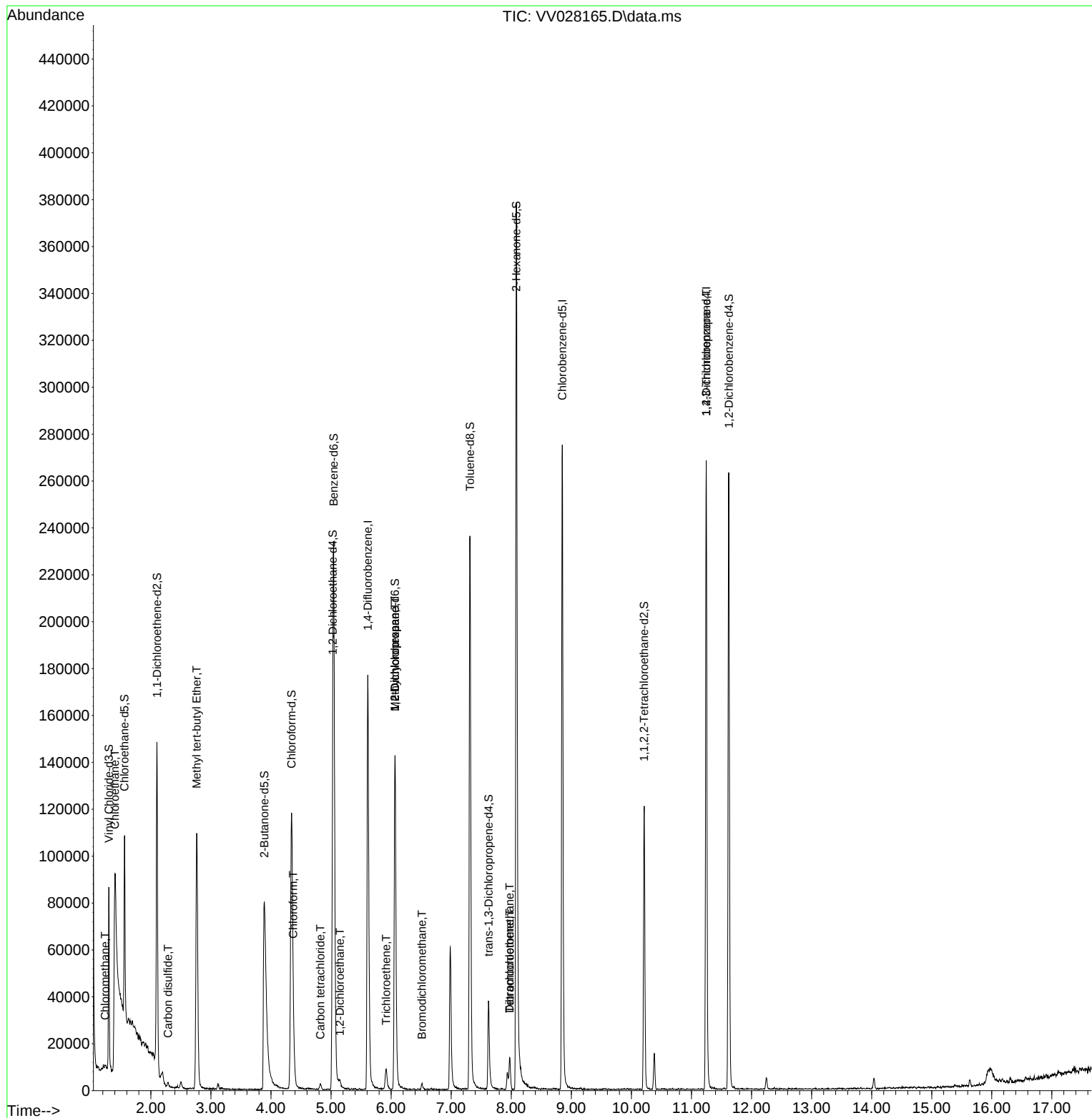
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	161132	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	160900	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	76791	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	47753	2.859	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.200%
7) Chloroethane-d5	1.561	69	50633	3.812	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.200%
11) 1,1-Dichloroethene-d2	2.101	63	69165	2.387	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	47.800%#
20) 2-Butanone-d5	3.889	46	166284	58.961	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.920%
24) Chloroform-d	4.342	84	124188	4.659	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
26) 1,2-Dichloroethane-d4	5.027	65	61009	4.810	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
32) Benzene-d6	5.043	84	214952	4.074	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.400%
36) 1,2-Dichloropropane-d6	6.066	67	72359	4.399	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.000%
41) Toluene-d8	7.313	98	168385	3.526	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.600%
43) trans-1,3-Dichloroprop...	7.622	79	23050	3.880	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.600%
46) 2-Hexanone-d5	8.085	63	138370	55.803	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.600%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	59303	5.275	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	73504	4.880	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.236	50	634	0.040	ug/L	92
8) Chloroethane	1.404	64	213197	25.444	ug/L #	51
14) Carbon disulfide	2.285	76	1949	0.091	ug/L #	93
17) Methyl tert-butyl Ether	2.764	73	111070	4.637	ug/L	98
25) Chloroform	4.371	83	19672	0.862	ug/L	94
27) 1,2-Dichloroethane	5.146	62	2829	0.233	ug/L #	92
31) Carbon tetrachloride	4.821	117	1710	0.105	ug/L	98
34) Trichloroethene	5.915	95	3104	0.279	ug/L	96
35) Methylcyclohexane	6.066	83	18039	1.183	ug/L #	16
37) 1,2-Dichloropropane	6.066	63	7782	0.621	ug/L #	87
38) Bromodichloromethane	6.513	83	1778	0.115	ug/L #	92
47) Tetrachloroethene	7.972	164	3318	0.374	ug/L	95
49) Dibromochloromethane	7.972	129	3171	0.314	ug/L #	11
61) 1,2,3-Trichloropropane	11.246	75	7794	1.210	ug/L #	66

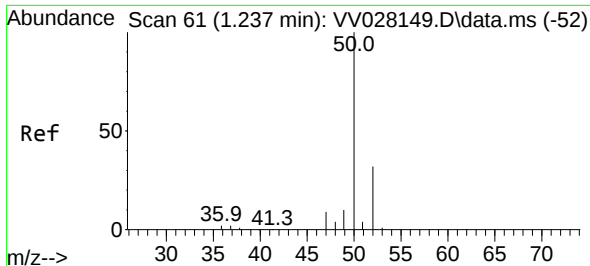
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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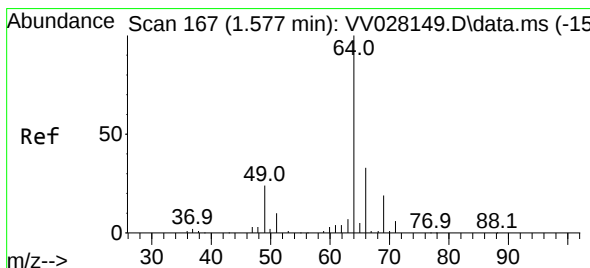
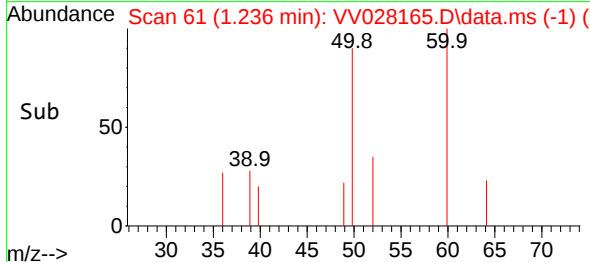
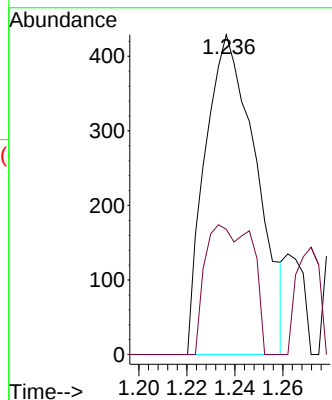
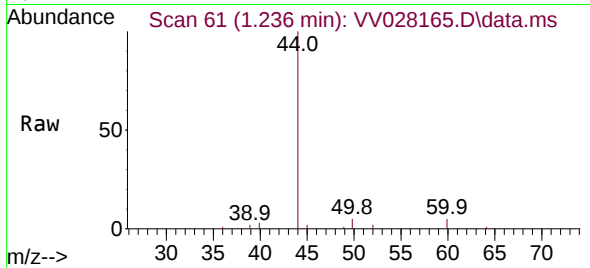




#3
Chloromethane
Concen: 0.040 ug/L
RT: 1.236 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV028165.D
Acq: 28 Sep 2022 17:40

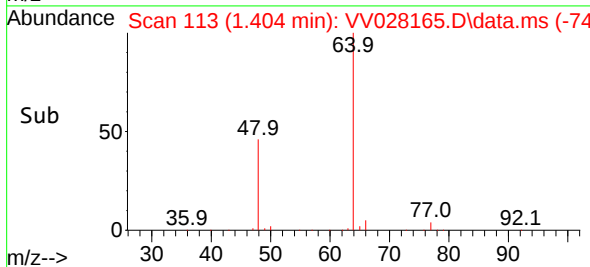
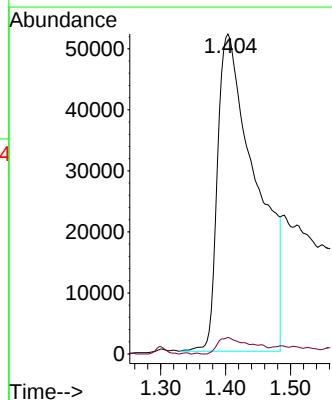
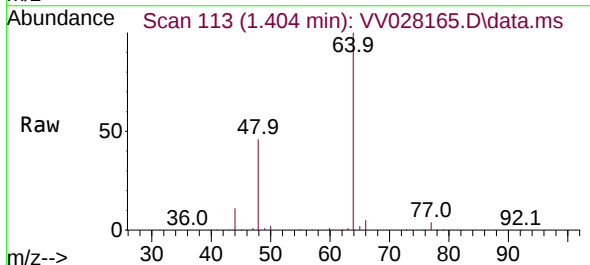
Instrument :
MSVOA_V
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F5H58

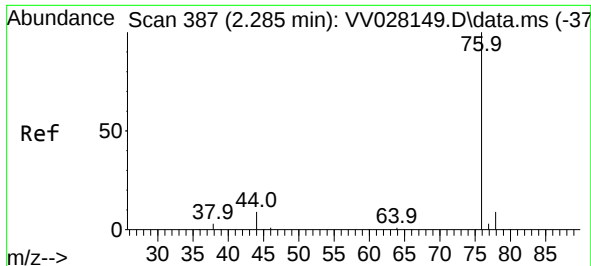
Tgt Ion: 50 Resp: 634
Ion Ratio Lower Upper
50 100
52 39.2 24.4 45.2



#8
Chloroethane
Concen: 25.444 ug/L
RT: 1.404 min Scan# 113
Delta R.T. -0.174 min
Lab File: VV028165.D
Acq: 28 Sep 2022 17:40

Tgt Ion: 64 Resp: 213197
Ion Ratio Lower Upper
64 100
66 5.2 23.0 42.8#

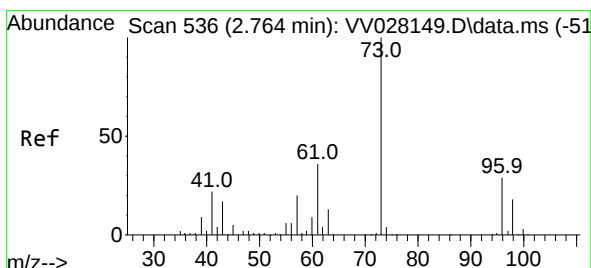
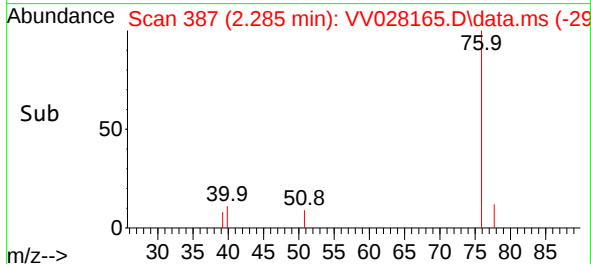
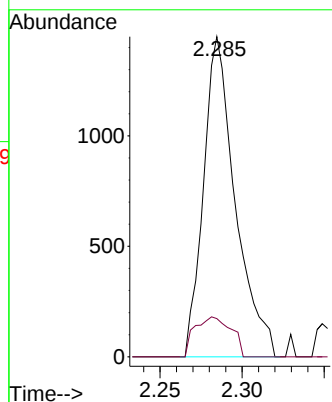
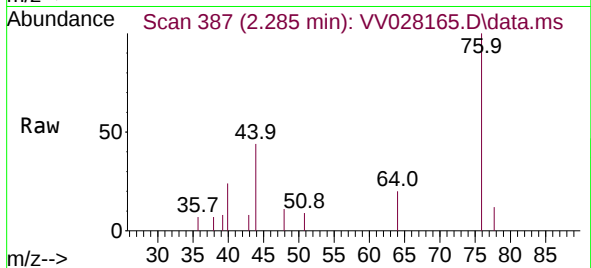




#14
Carbon disulfide
Concen: 0.091 ug/L
RT: 2.285 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV028165.D
Acq: 28 Sep 2022 17:40

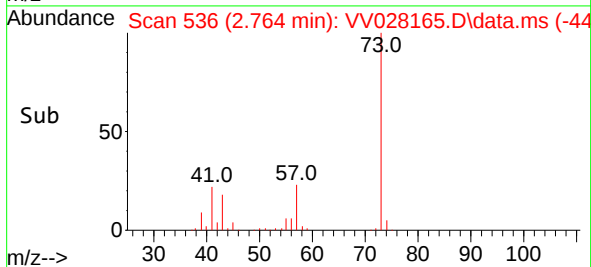
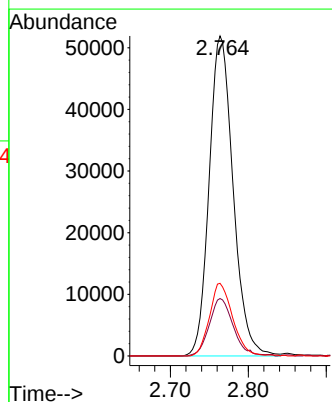
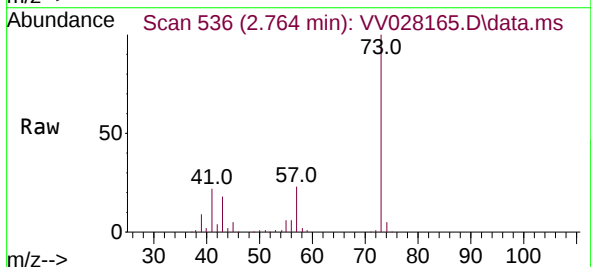
Instrument :
MSVOA_V
ClientSampleId :
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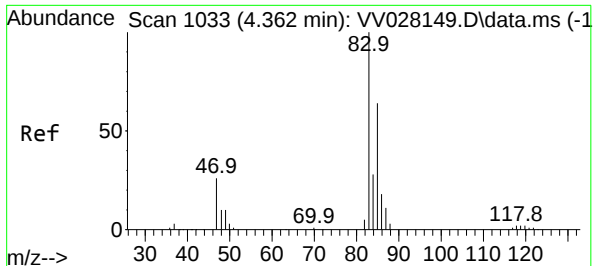
Tgt Ion: 76 Resp: 1949
Ion Ratio Lower Upper
76 100
78 11.9 7.6 11.4#



#17
Methyl tert-butyl Ether
Concen: 4.637 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.000 min
Lab File: VV028165.D
Acq: 28 Sep 2022 17:40

Tgt Ion: 73 Resp: 111070
Ion Ratio Lower Upper
73 100
43 17.8 15.7 23.5
57 21.9 17.8 26.8





#25

Chloroform

Concen: 0.862 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. 0.010 min

Lab File: VV028165.D

Acq: 28 Sep 2022 17:40

Instrument :

MSVOA_V

ClientSampleId :

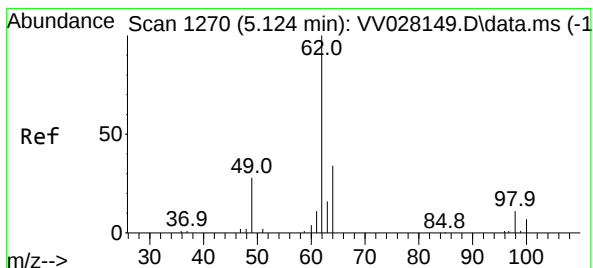
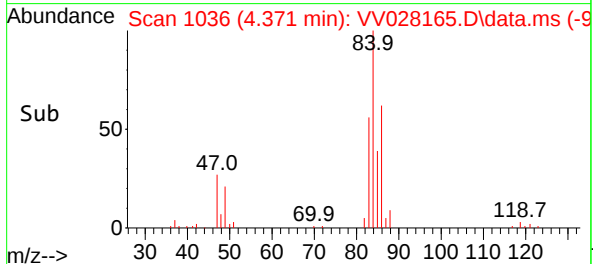
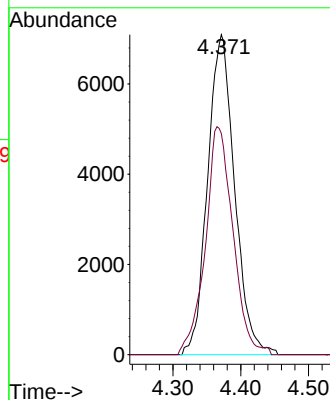
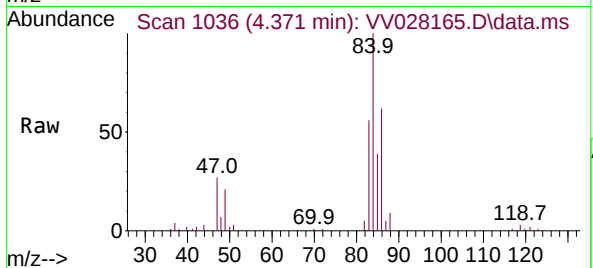
F5H58

Tgt Ion: 83 Resp: 19672

Ion Ratio Lower Upper

83 100

85 69.2 45.1 83.7



#27

1,2-Dichloroethane

Concen: 0.233 ug/L

RT: 5.146 min Scan# 1277

Delta R.T. 0.022 min

Lab File: VV028165.D

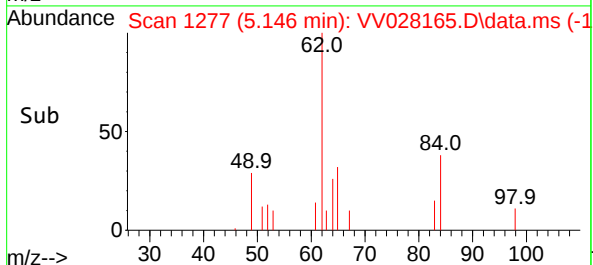
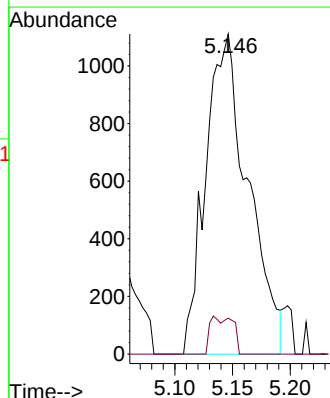
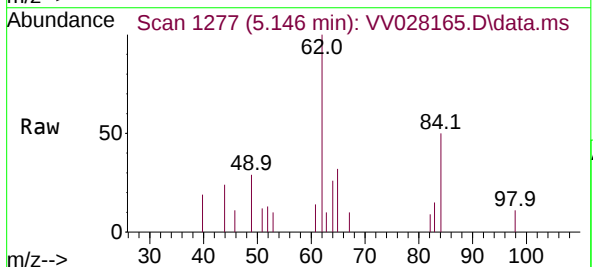
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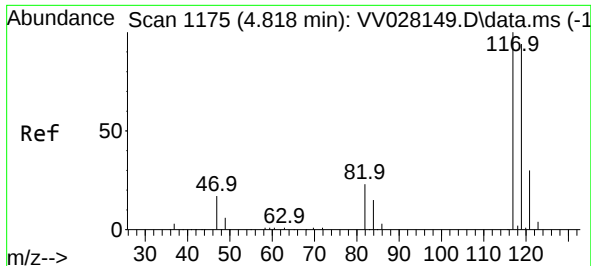
Tgt Ion: 62 Resp: 2829

Ion Ratio Lower Upper

62 100

98 11.3 6.7 10.1#

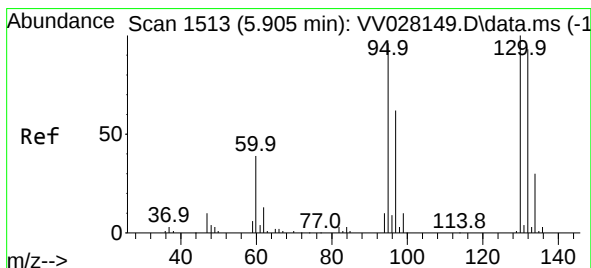
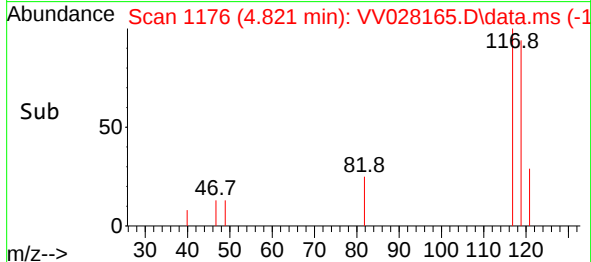
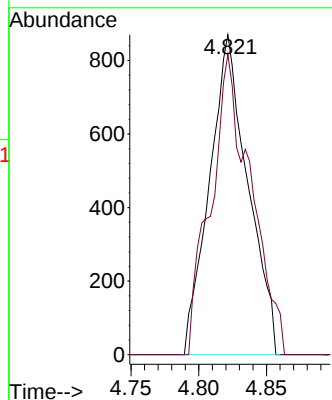
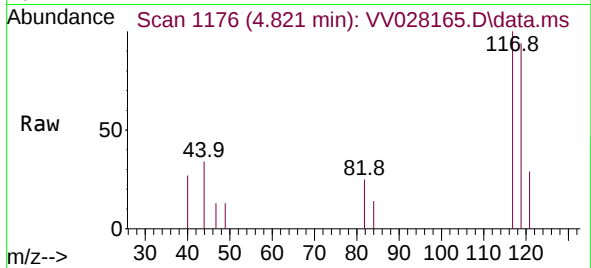




#31
Carbon tetrachloride
Concen: 0.105 ug/L
RT: 4.821 min Scan# 1175
Delta R.T. 0.003 min
Lab File: VV028165.D
Acq: 28 Sep 2022 17:40

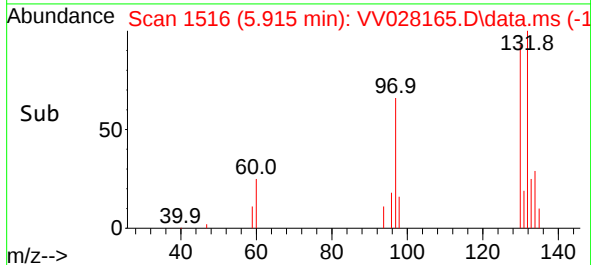
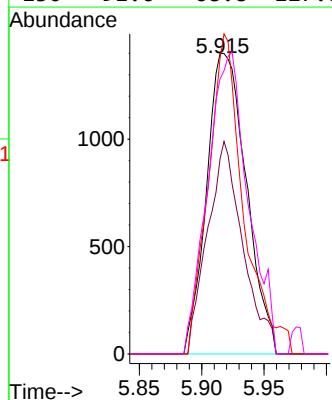
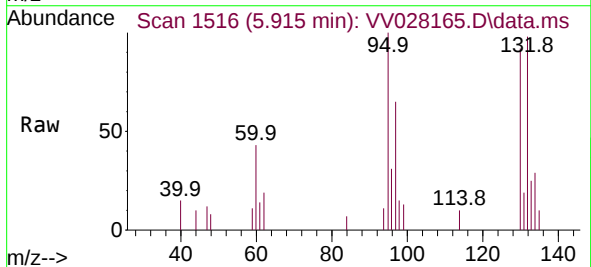
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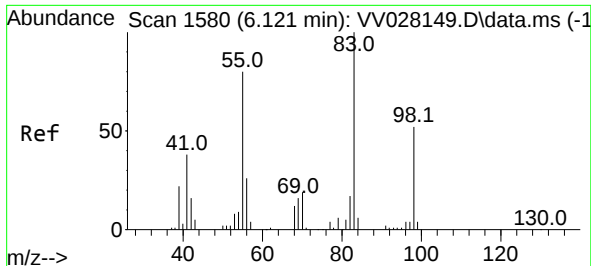
Tgt Ion:117 Resp: 1710
Ion Ratio Lower Upper
117 100
119 98.5 76.9 115.3



#34
Trichloroethene
Concen: 0.279 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.010 min
Lab File: VV028165.D
Acq: 28 Sep 2022 17:40

Tgt Ion: 95 Resp: 3104
Ion Ratio Lower Upper
95 100
97 64.9 44.2 82.0
132 98.4 67.8 126.0
130 91.6 68.8 127.8

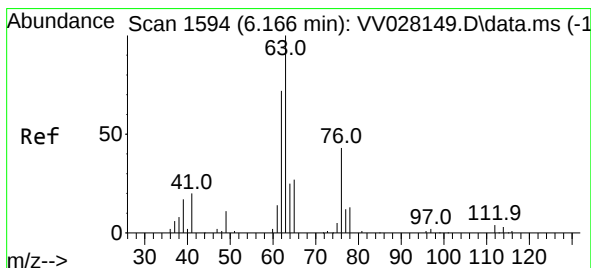
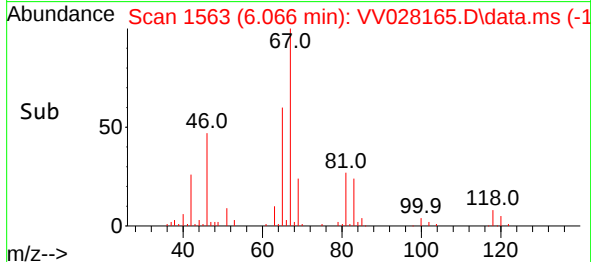
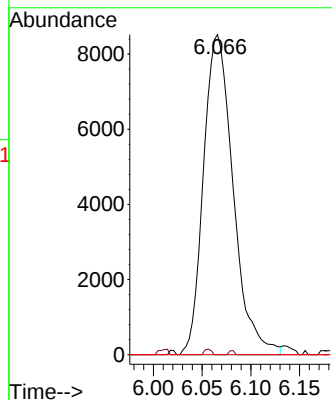
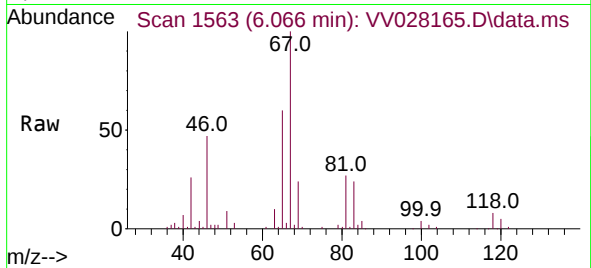




#35
Methylcyclohexane
Concen: 1.183 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.055 min
Lab File: VV028165.D
Acq: 28 Sep 2022 17:40

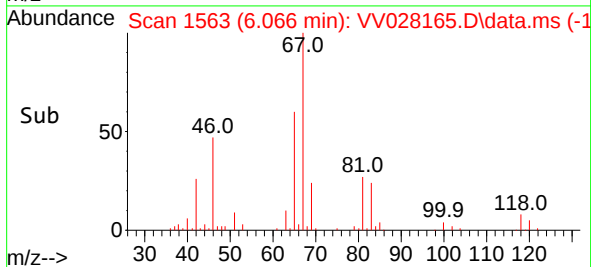
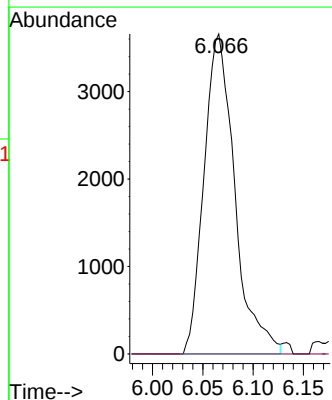
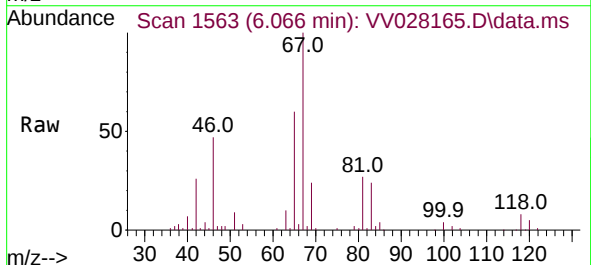
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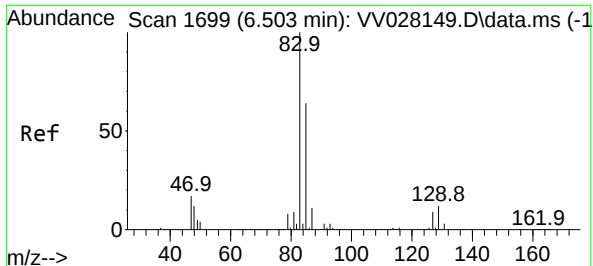
Tgt Ion: 83 Resp: 18039
Ion Ratio Lower Upper
83 100
55 0.4 64.7 97.1#
98 0.0 39.5 59.3#



#37
1,2-Dichloropropane
Concen: 0.621 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.100 min
Lab File: VV028165.D
Acq: 28 Sep 2022 17:40

Tgt Ion: 63 Resp: 7782
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#

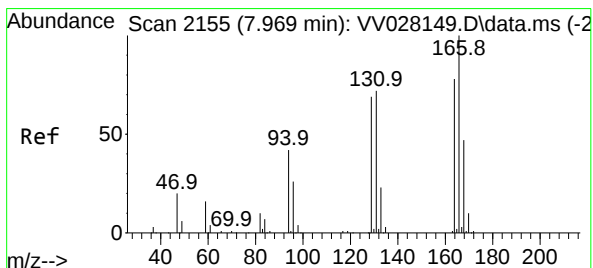
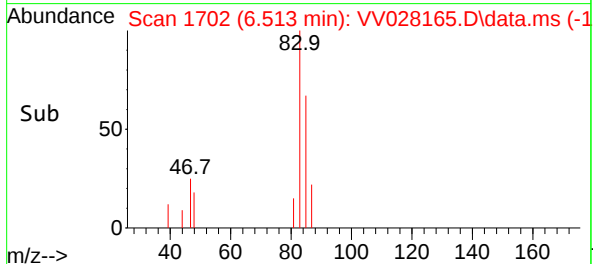
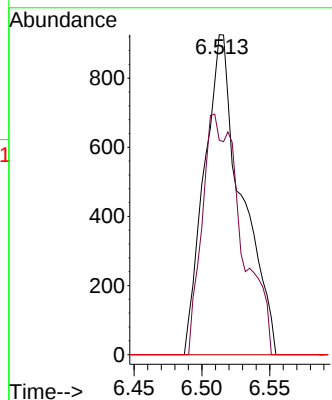
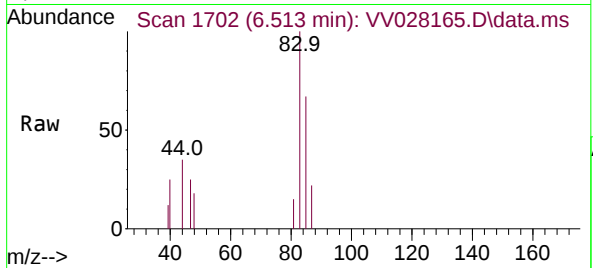




#38
Bromodichloromethane
Concen: 0.115 ug/L
RT: 6.513 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV028165.D
Acq: 28 Sep 2022 17:40

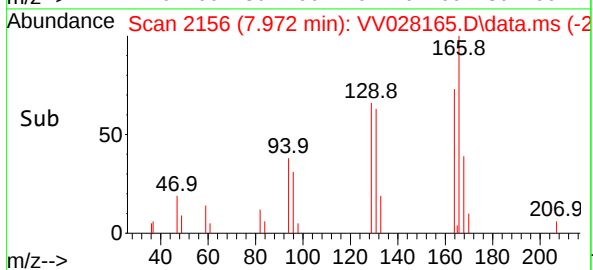
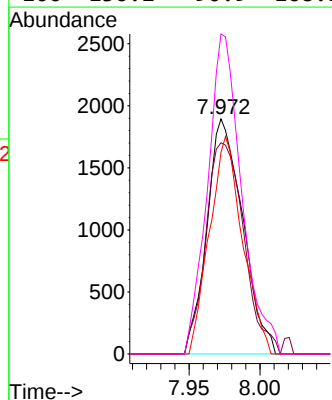
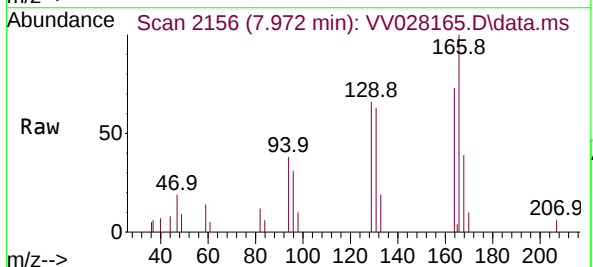
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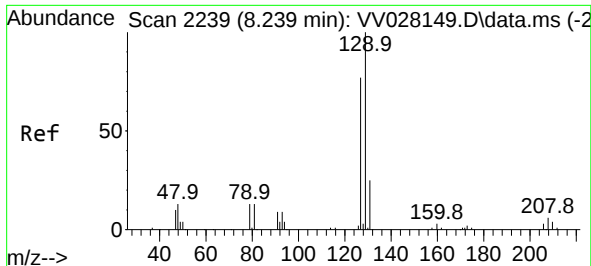
Tgt Ion: 83 Resp: 1778
Ion Ratio Lower Upper
83 100
85 67.1 43.8 81.4
127 0.0 6.3 9.5#



#47
Tetrachloroethene
Concen: 0.374 ug/L
RT: 7.972 min Scan# 2156
Delta R.T. 0.003 min
Lab File: VV028165.D
Acq: 28 Sep 2022 17:40

Tgt Ion: 164 Resp: 3318
Ion Ratio Lower Upper
164 100
129 89.9 66.7 123.9
131 85.8 61.7 114.5
166 136.2 90.9 168.9





#49

Dibromochloromethane

Concen: 0.314 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. -0.267 min

Lab File: VV028165.D

Acq: 28 Sep 2022 17:40

Instrument :

MSVOA_V

ClientSampleId :

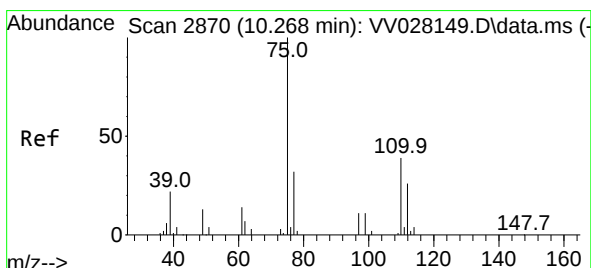
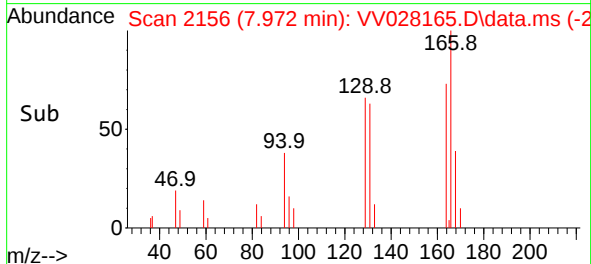
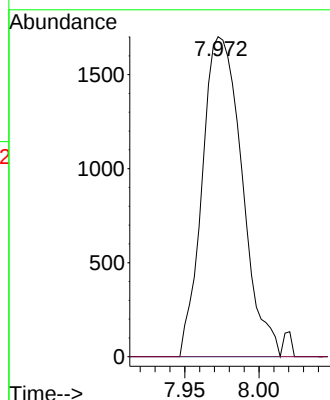
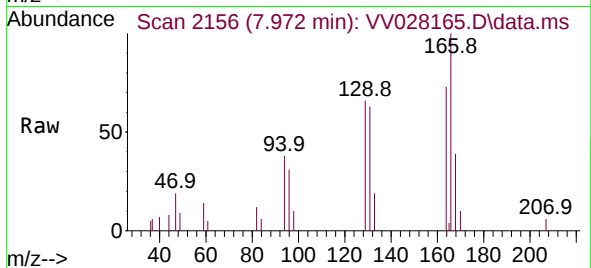
F5H58

Tgt Ion:129 Resp: 3171

Ion Ratio Lower Upper

129 100

127 0.0 54.3 100.9#



#61

1,2,3-Trichloropropane

Concen: 1.210 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.977 min

Lab File: VV028165.D

Acq: 28 Sep 2022 17:40

Tgt Ion: 75 Resp: 7794

Ion Ratio Lower Upper

75 100

77 35.1 26.7 40.1

110 1.0 30.1 45.1#

