

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120822\
 Data File : VW029490.D
 Acq On : 08 Dec 2022 22:06
 Operator : SY/MD
 Sample : N5929-03
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ98

Quant Time: Dec 09 04:16:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 08 01:48:46 2022
 Response via : Initial Calibration

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

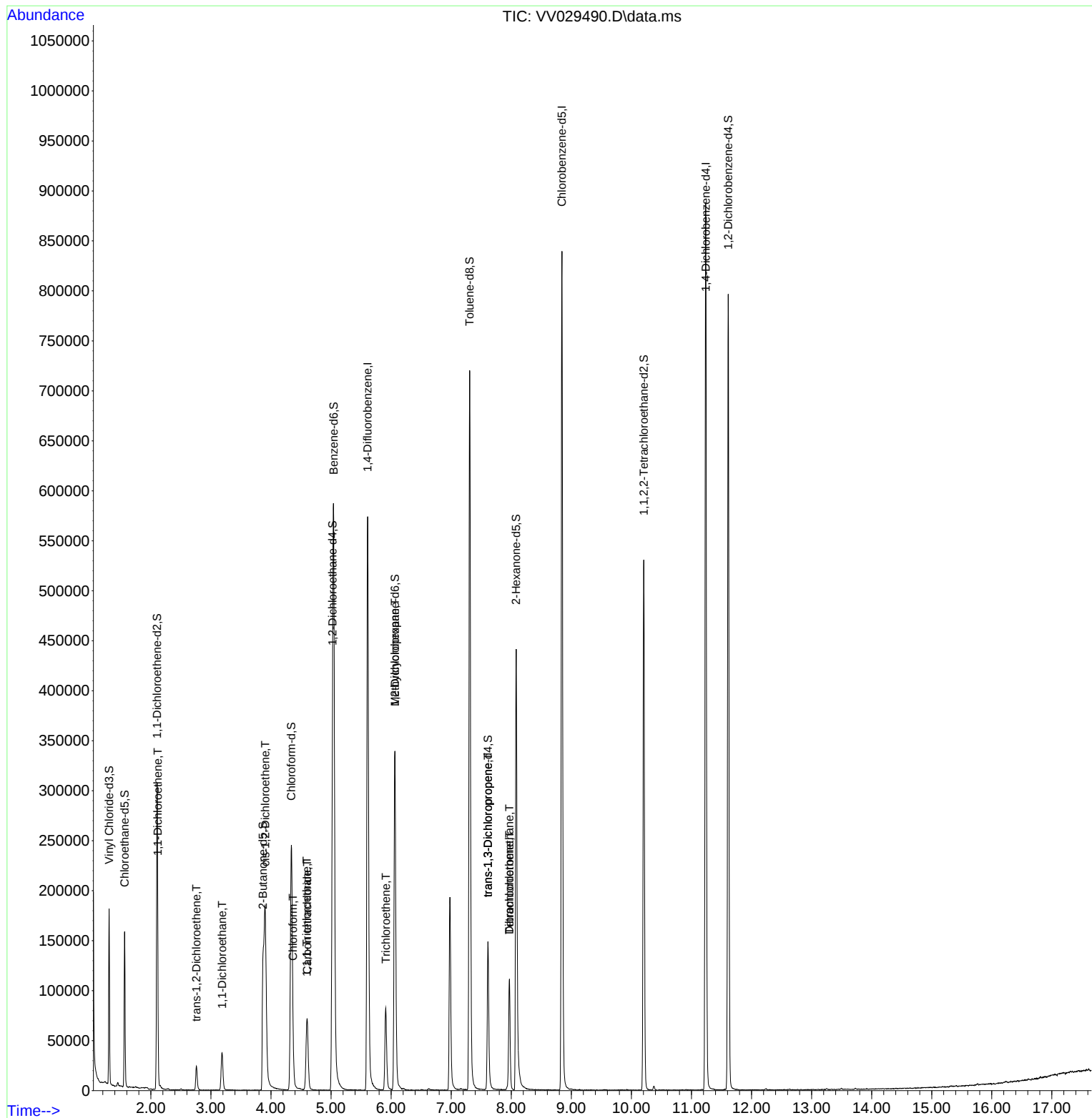
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	532092	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	489729	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	246169	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	109451	33.591	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.180%
7) Chloroethane-d5	1.565	69	100795	40.569	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.140%
11) 1,1-Dichloroethene-d2	2.105	63	153950	30.293	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.580%
21) 2-Butanone-d5	3.867	46	201449	101.350	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.350%
24) Chloroform-d	4.339	84	269019	43.875	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.740%
26) 1,2-Dichloroethane-d4	5.024	65	163709	46.748	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.500%
32) Benzene-d6	5.043	84	561241	43.372	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.740%
36) 1,2-Dichloropropane-d6	6.063	67	175565	44.417	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.840%
41) Toluene-d8	7.307	98	508655	41.718	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.440%
43) trans-1,3-Dichloroprop...	7.613	79	84377	42.274	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.540%
47) 2-Hexanone-d5	8.082	63	167224	99.073	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.070%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	265986	47.091	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.180%
66) 1,2-Dichlorobenzene-d4	11.612	152	210216	44.859	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.720%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.114	96	4681	1.646	ug/L #	1
17) trans-1,2-Dichloroethene	2.757	96	9011	2.750	ug/L	96
19) 1,1-Dichloroethane	3.185	63	39445	7.026	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	94381	26.191	ug/L	92
25) Chloroform	4.365	83	6872	1.181	ug/L	84
30) 1,1,1-Trichloroethane	4.597	97	61125	11.456	ug/L	99
31) Carbon tetrachloride	4.603	117	7948	1.706	ug/L	92
34) Trichloroethene	5.912	95	29680	8.580	ug/L	98
35) Methylcyclohexane	6.063	83	43437	7.394	ug/L #	21
44) trans-1,3-Dichloropropene	7.613	75	3098	0.597	ug/L #	76
46) Tetrachloroethene	7.969	164	27038	9.722	ug/L	98
49) Dibromochloromethane	7.969	129	24241	6.379	ug/L #	10

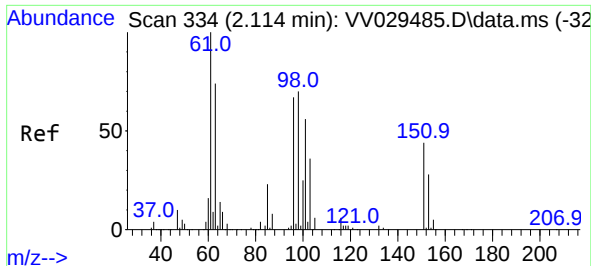
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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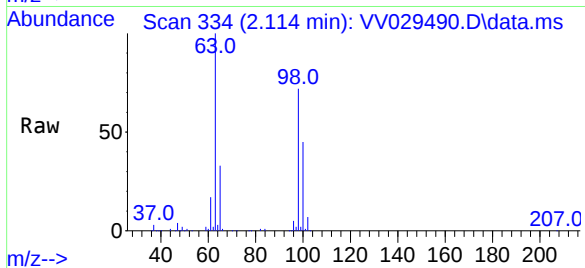
Quant Time: Dec 09 04:16:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
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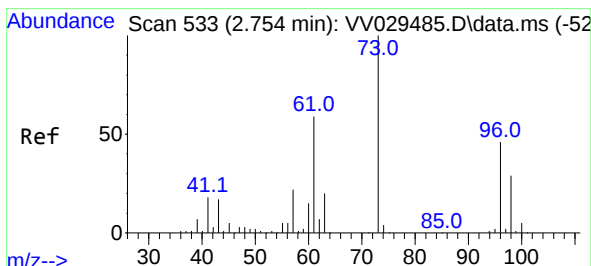
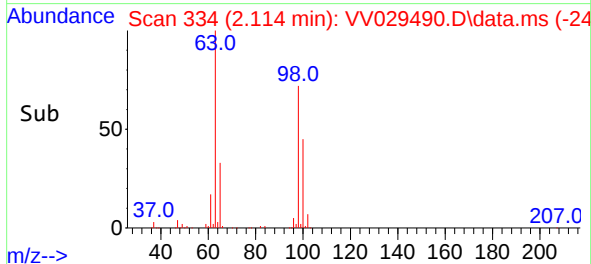
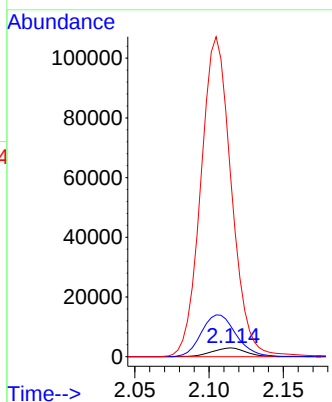


#12
1,1-Dichloroethene
Concen: 1.646 ug/L
RT: 2.114 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV029490.D
Acq: 08 Dec 2022 22:06

Instrument :
MSVOA_V
ClientSampleId :
EXZ98

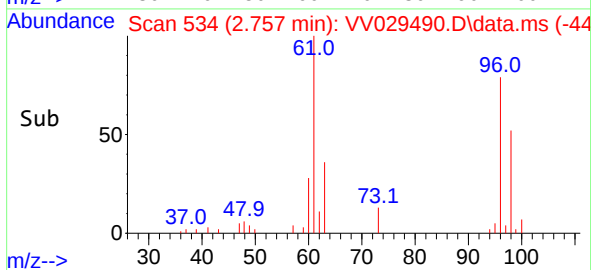
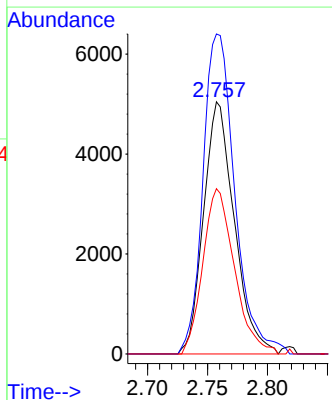
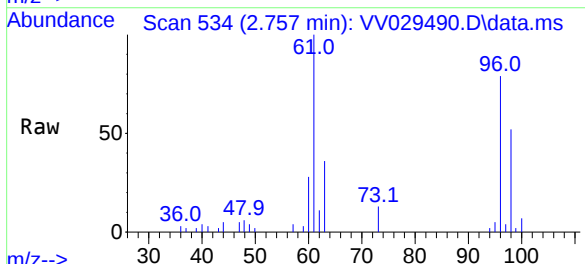


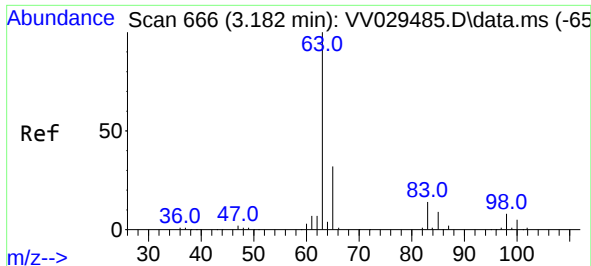
Tgt Ion: 96 Resp: 4681
Ion Ratio Lower Upper
96 100
61 352.4 103.3 191.9#
63 2065.3 77.3 143.7#



#17
trans-1,2-Dichloroethene
Concen: 2.750 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.003 min
Lab File: VV029490.D
Acq: 08 Dec 2022 22:06

Tgt Ion: 96 Resp: 9011
Ion Ratio Lower Upper
96 100
61 126.9 86.4 160.4
98 65.5 43.4 80.6





#19

1,1-Dichloroethane

Concen: 7.026 ug/L

RT: 3.185 min Scan# 6

Delta R.T. 0.000 min

Lab File: VV029490.D

Acq: 08 Dec 2022 22:06

Instrument :

MSVOA_V

ClientSampleId :

EXZ98

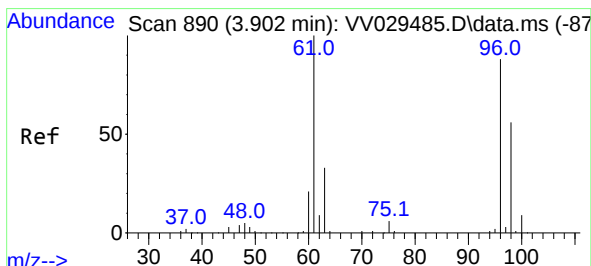
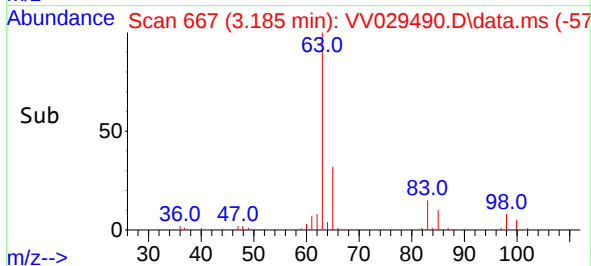
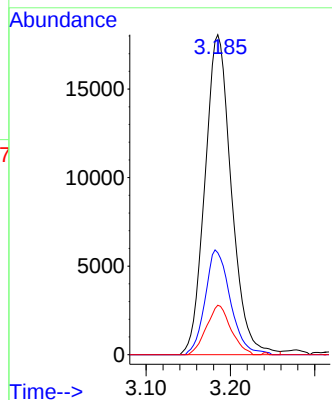
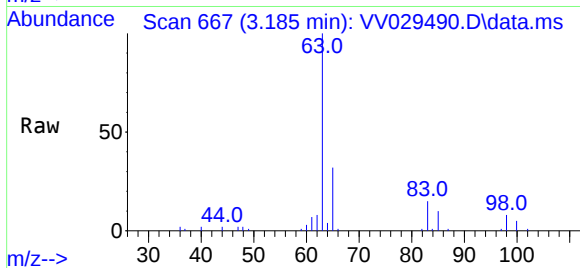
Tgt Ion: 63 Resp: 39445

Ion Ratio Lower Upper

63 100

65 31.8 22.5 41.7

83 15.5 10.4 19.2



#20

cis-1,2-Dichloroethene

Concen: 26.191 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.000 min

Lab File: VV029490.D

Acq: 08 Dec 2022 22:06

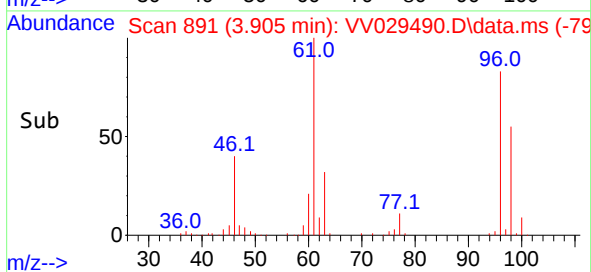
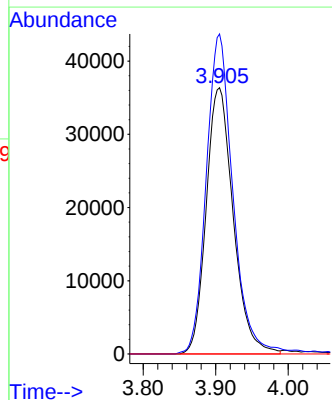
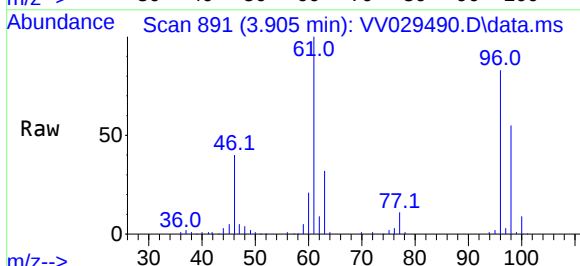
Tgt Ion: 96 Resp: 94381

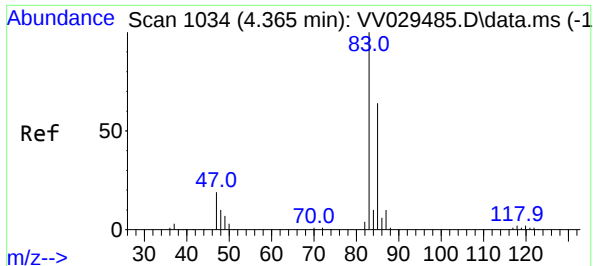
Ion Ratio Lower Upper

96 100

61 120.2 78.0 144.9

68 0.0 0.0 0.0

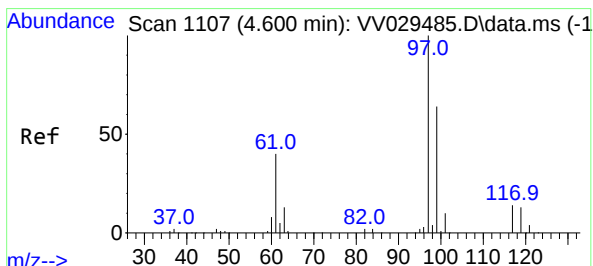
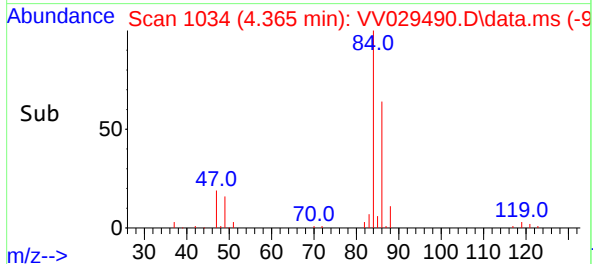
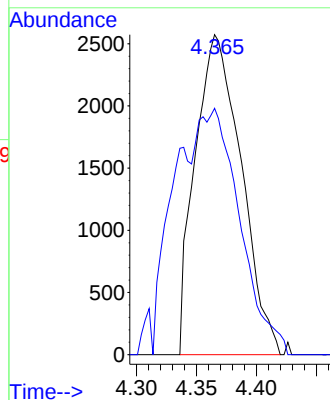
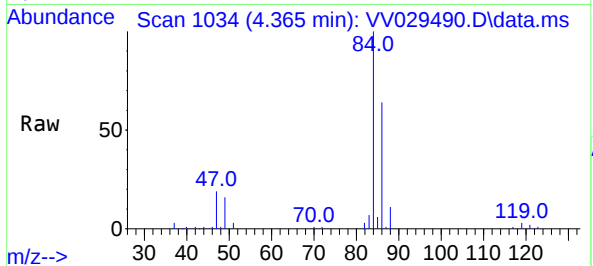




#25
Chloroform
Concen: 1.181 ug/L
RT: 4.365 min Scan# 1106
Delta R.T. -0.003 min
Lab File: VV029490.D
Acq: 08 Dec 2022 22:06

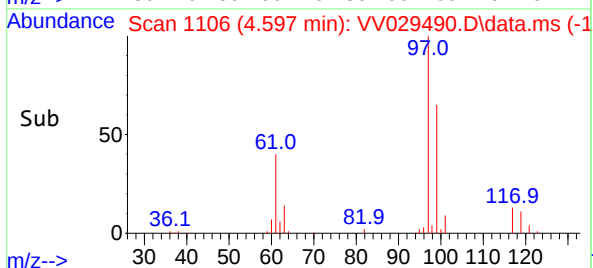
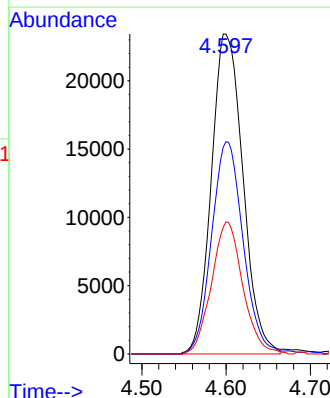
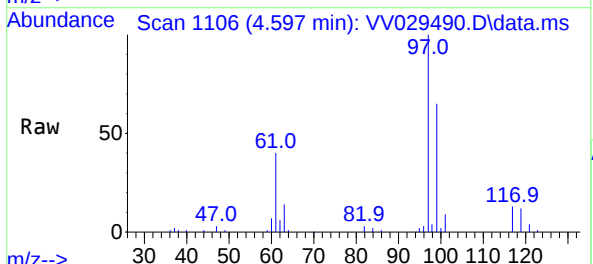
Instrument :
MSVOA_V
ClientSampleId :
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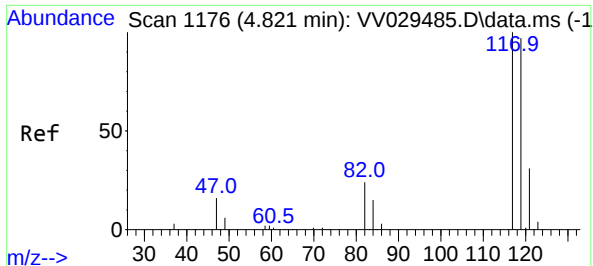
Tgt Ion: 83 Resp: 6872
Ion Ratio Lower Upper
83 100
85 77.0 45.1 83.9



#30
1,1,1-Trichloroethane
Concen: 11.456 ug/L
RT: 4.597 min Scan# 1106
Delta R.T. -0.006 min
Lab File: VV029490.D
Acq: 08 Dec 2022 22:06

Tgt Ion: 97 Resp: 61125
Ion Ratio Lower Upper
97 100
99 65.8 52.1 78.1
61 40.7 31.8 47.8

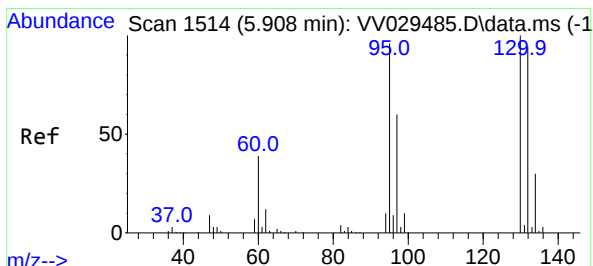
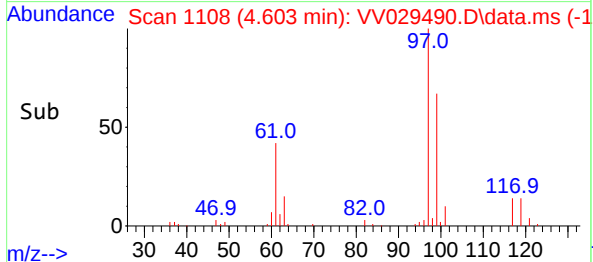
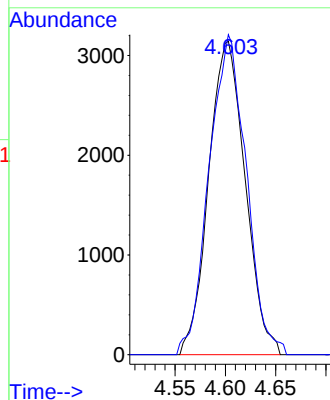
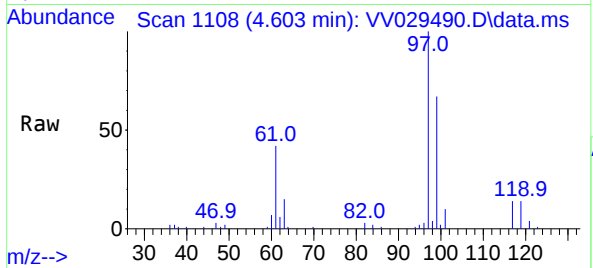




#31
Carbon tetrachloride
Concen: 1.706 ug/L
RT: 4.603 min Scan# 1176
Delta R.T. -0.219 min
Lab File: VV029490.D
Acq: 08 Dec 2022 22:06

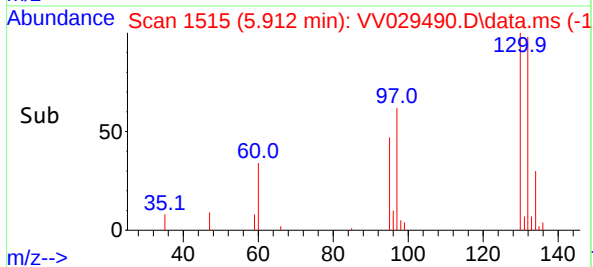
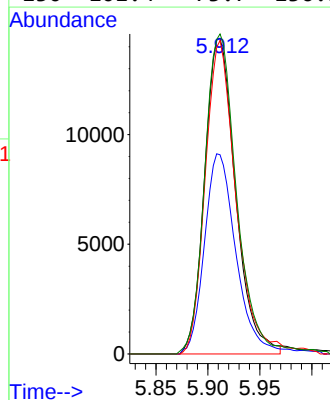
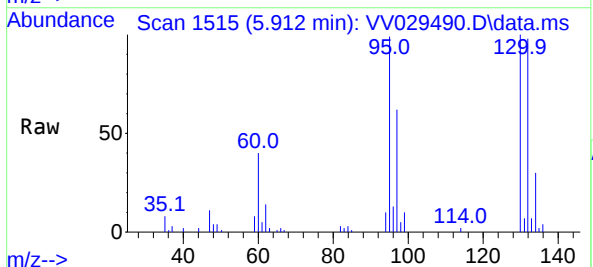
Instrument :
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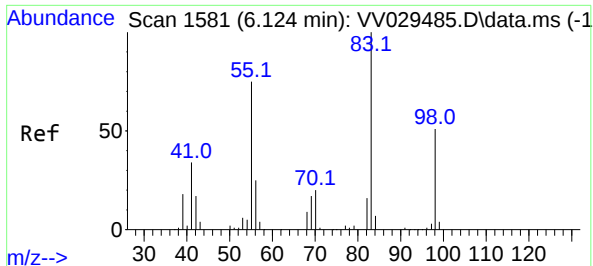
Tgt Ion: 117 Resp: 7948
Ion Ratio Lower Upper
117 100
119 103.7 76.7 115.1



#34
Trichloroethene
Concen: 8.580 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV029490.D
Acq: 08 Dec 2022 22:06

Tgt Ion: 95 Resp: 29680
Ion Ratio Lower Upper
95 100
97 63.1 44.0 81.8
132 99.3 69.9 129.9
130 101.4 73.7 136.9





#35

Methylcyclohexane

Concen: 7.394 ug/L

RT: 6.063 min Scan# 1

Delta R.T. -0.064 min

Lab File: VV029490.D

Acq: 08 Dec 2022 22:06

Instrument :

MSVOA_V

ClientSampleId :

EXZ98

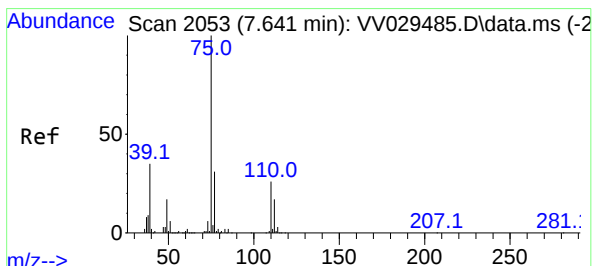
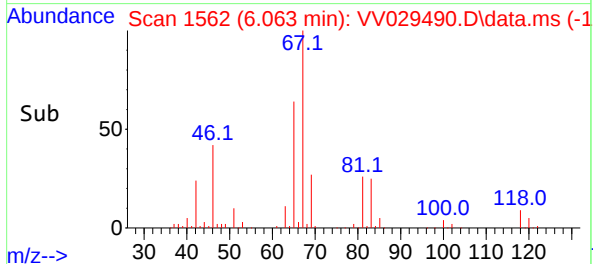
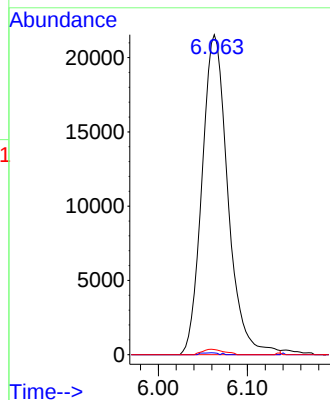
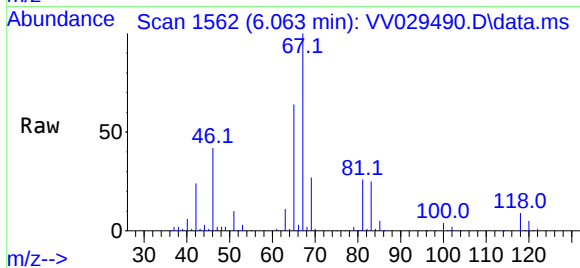
Tgt Ion: 83 Resp: 43437

Ion Ratio Lower Upper

83 100

55 0.2 55.5 83.3#

98 1.4 39.8 59.8#



#44

trans-1,3-Dichloropropene

Concen: 0.597 ug/L

RT: 7.613 min Scan# 2044

Delta R.T. -0.032 min

Lab File: VV029490.D

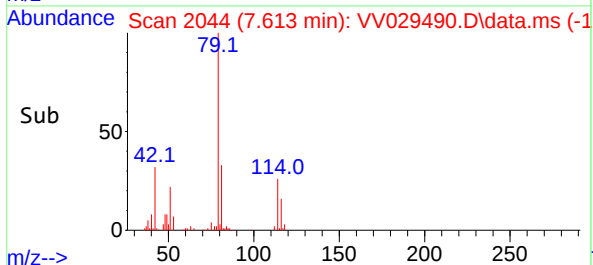
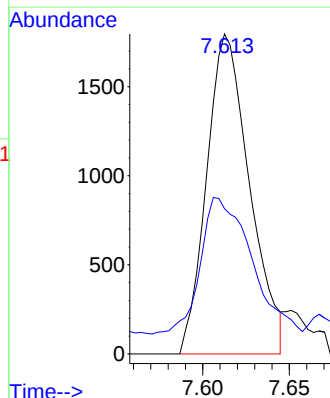
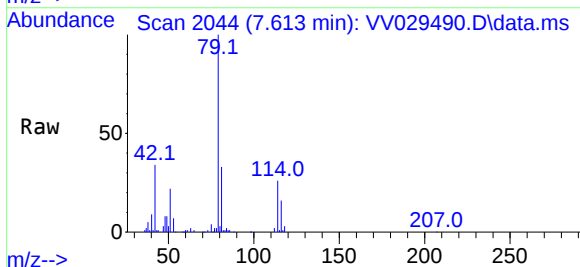
Acq: 08 Dec 2022 22:06

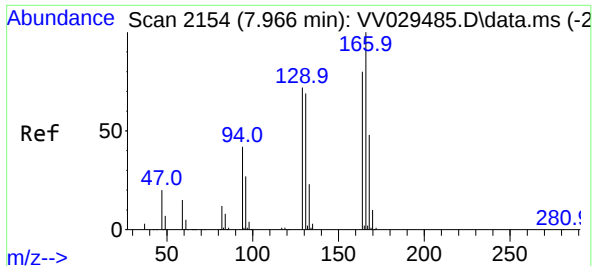
Tgt Ion: 75 Resp: 3098

Ion Ratio Lower Upper

75 100

77 45.4 22.3 41.5#

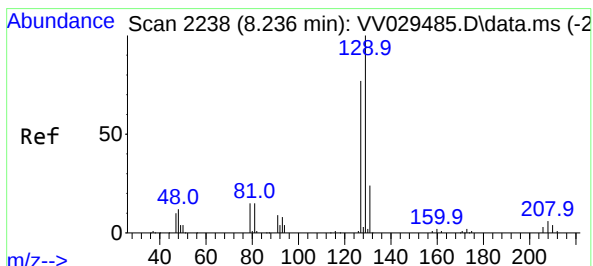
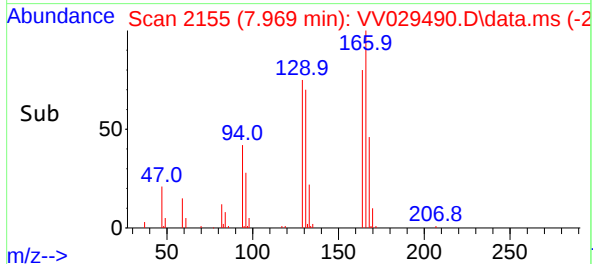
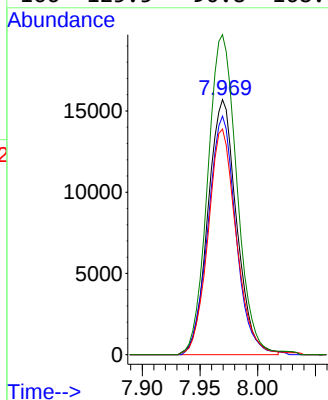
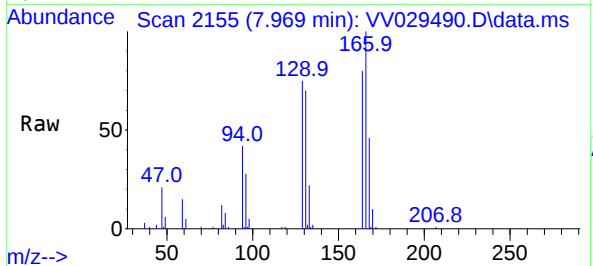




#46
Tetrachloroethene
Concen: 9.722 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. 0.000 min
Lab File: VV029490.D
Acq: 08 Dec 2022 22:06

Instrument :
MSVOA_V
ClientSampleId :
EXZ98

Tgt Ion:164 Resp: 27038
Ion Ratio Lower Upper
164 100
129 93.6 65.3 121.3
131 88.4 63.1 117.1
166 125.5 90.8 168.6



#49
Dibromochloromethane
Concen: 6.379 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. -0.267 min
Lab File: VV029490.D
Acq: 08 Dec 2022 22:06

Tgt Ion:129 Resp: 24241
Ion Ratio Lower Upper
129 100
127 0.0 55.2 102.4#

