

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111522\
 Data File : VW028999.D
 Acq On : 15 Nov 2022 19:23
 Operator : SY/MD
 Sample : N5593-04DL 100X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AD2DL

Quant Time: Nov 16 03:21:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 16 03:16:14 2022
 Response via : Initial Calibration

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

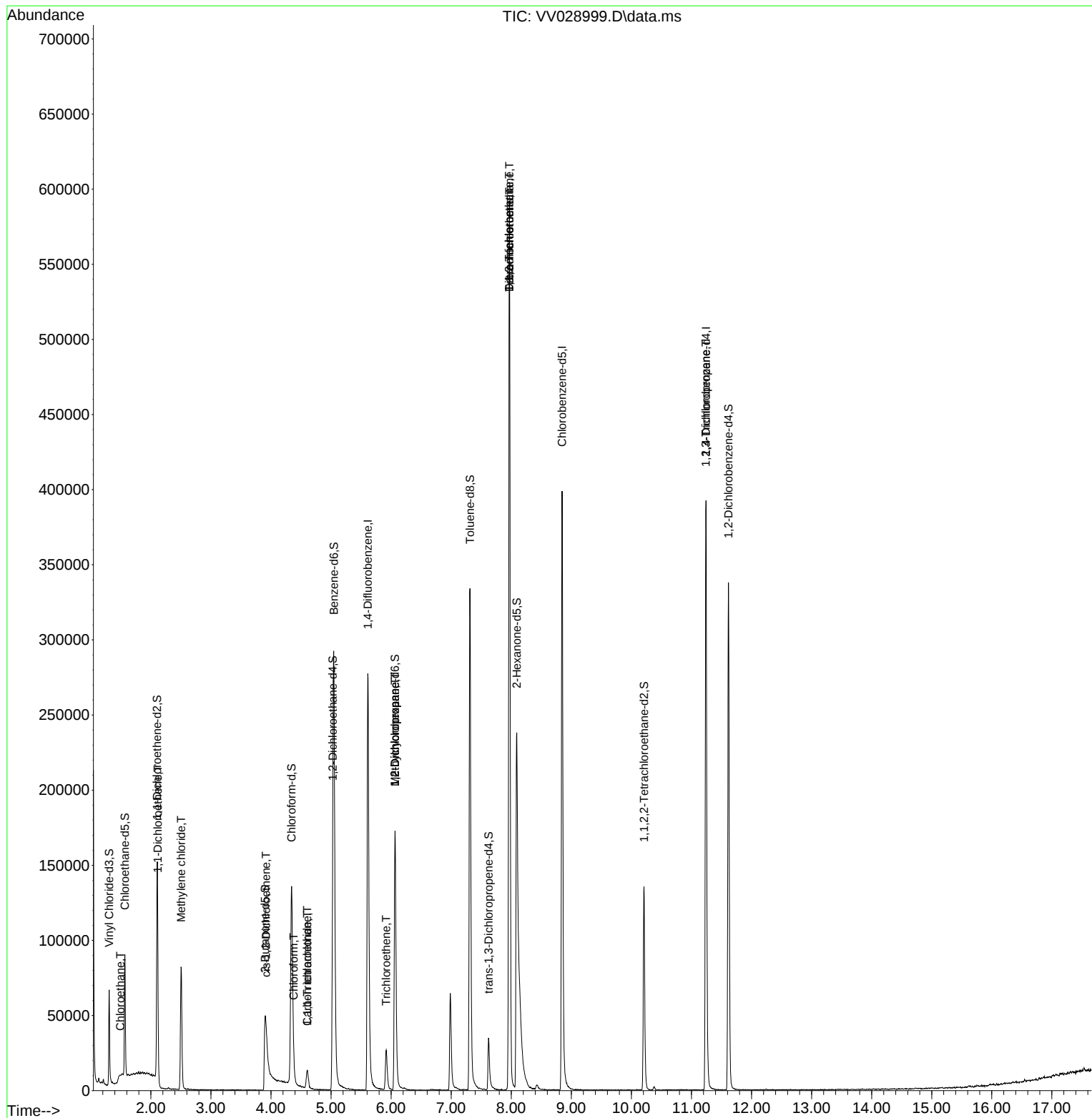
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	268666	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	246675	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	116487	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	44772	2.733	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	54.600%
7) Chloroethane-d5	1.568	69	51539	3.579	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.600%
11) 1,1-Dichloroethene-d2	2.105	63	72124	2.416	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	48.400%#
20) 2-Butanone-d5	3.902	46	85891	31.326	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	62.660%
24) Chloroform-d	4.342	84	145856	4.337	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
26) 1,2-Dichloroethane-d4	5.027	65	69009	4.561	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
32) Benzene-d6	5.047	84	287537	3.905	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.200%
36) 1,2-Dichloropropane-d6	6.066	67	89568	4.356	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.200%
41) Toluene-d8	7.313	98	246612	3.721	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.400%
43) trans-1,3-Dichloroprop...	7.622	79	24015	3.581	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.600%
46) 2-Hexanone-d5	8.092	63	138418	48.359	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.720%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	71658	5.027	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.600%
66) 1,2-Dichlorobenzene-d4	11.616	152	99364	4.768	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.400%
Target Compounds						
8) Chloroethane	1.491	64	12208	0.980	ug/L #	53
12) 1,1-Dichloroethene	2.114	96	4173	0.257	ug/L #	1
16) Methylene chloride	2.503	84	38265	1.820	ug/L	92
22) cis-1,2-Dichloroethene	3.915	96	4628	0.241	ug/L	94
25) Chloroform	4.378	83	4821	0.149	ug/L	89
29) 1,1,1-Trichloroethane	4.606	97	10365	0.358	ug/L	97
31) Carbon tetrachloride	4.606	117	1314	0.053	ug/L	98
34) Trichloroethene	5.918	95	9469	0.491	ug/L	93
35) Methylcyclohexane	6.066	83	22291	0.657	ug/L #	21
37) 1,2-Dichloropropane	6.066	63	9189	0.529	ug/L #	85
45) 1,1,2-Trichloroethane	7.966	97	992	0.087	ug/L #	1
47) Tetrachloroethene	7.969	164	140468	9.090	ug/L	99
49) Dibromochloromethane	7.969	129	121078	8.801	ug/L #	10
61) 1,2,3-Trichloropropane	11.239	75	11816	1.484	ug/L #	65

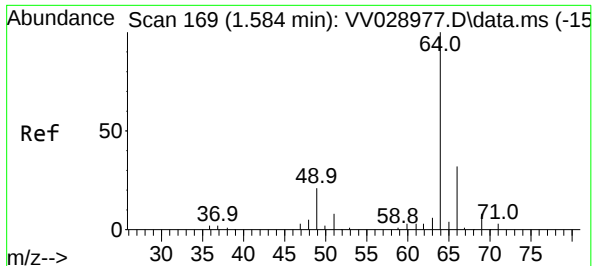
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial  : 24 Sample Multiplier: 1
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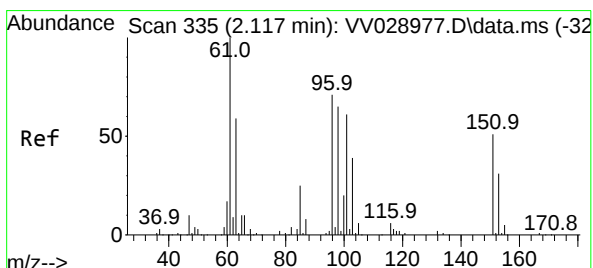
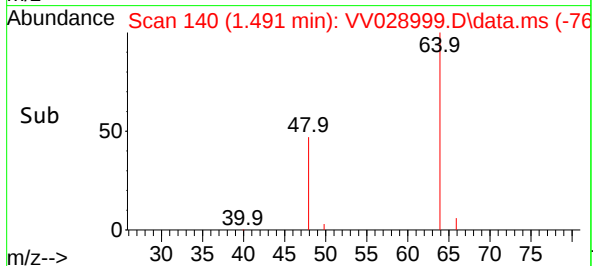
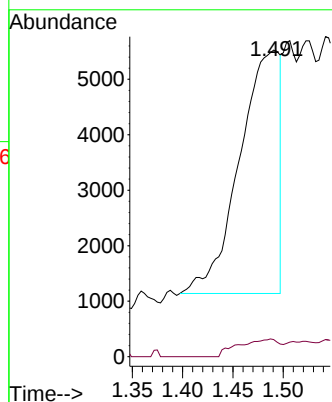
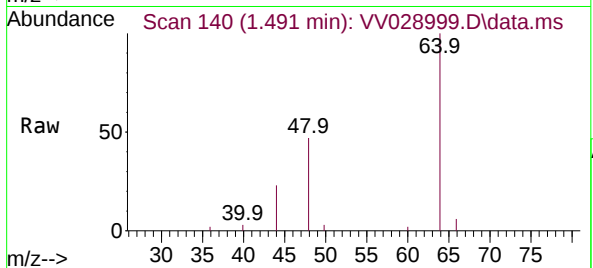




#8
Chloroethane
Concen: 0.980 ug/L
RT: 1.491 min Scan# 14
Delta R.T. -0.093 min
Lab File: VV028999.D
Acq: 15 Nov 2022 19:23

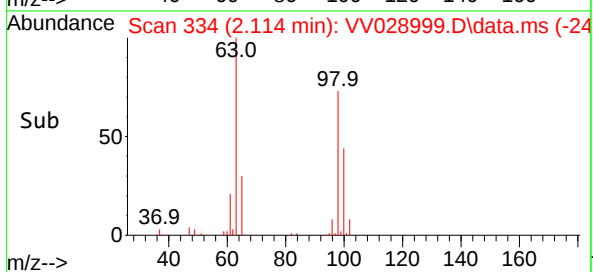
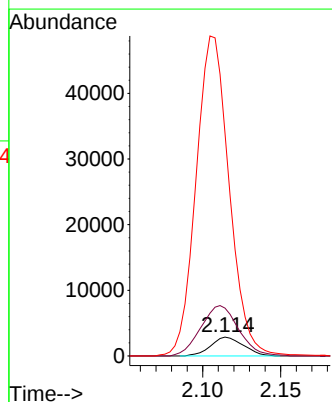
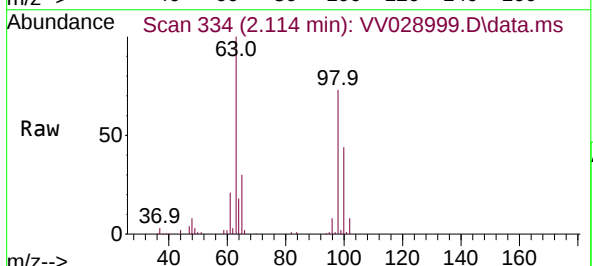
Instrument :
MSVOA_V
ClientSampleId :
H0AD2DL

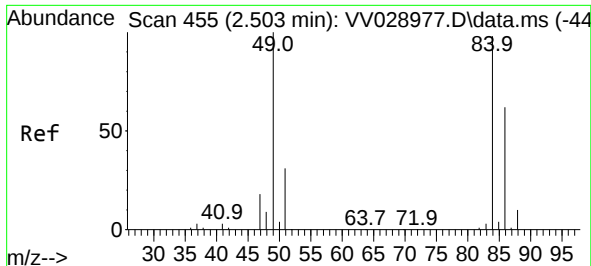
Tgt Ion: 64 Resp: 12208
Ion Ratio Lower Upper
64 100
66 5.6 22.0 40.8#



#12
1,1-Dichloroethene
Concen: 0.257 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.003 min
Lab File: VV028999.D
Acq: 15 Nov 2022 19:23

Tgt Ion: 96 Resp: 4173
Ion Ratio Lower Upper
96 100
61 253.3 104.2 193.4#
63 1181.4 75.9 140.9#

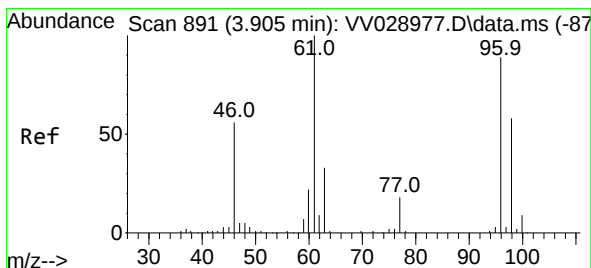
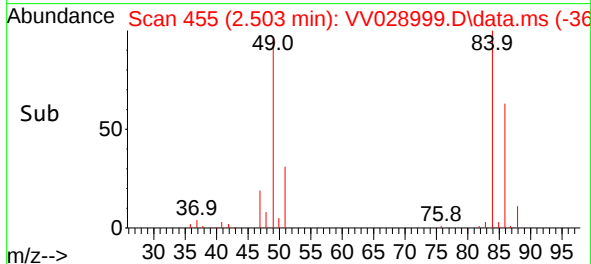
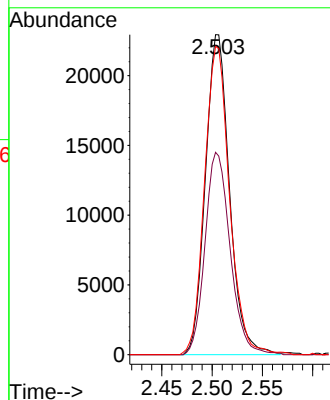
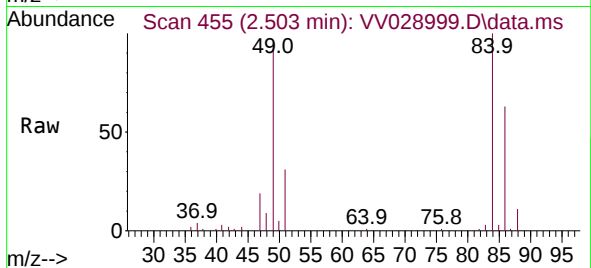




#16
Methylene chloride
Concen: 1.820 ug/L
RT: 2.503 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV028999.D
Acq: 15 Nov 2022 19:23

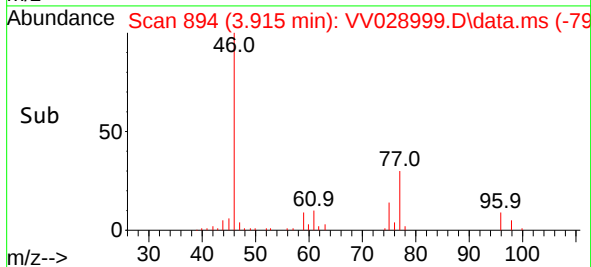
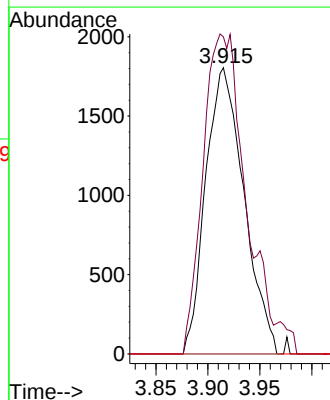
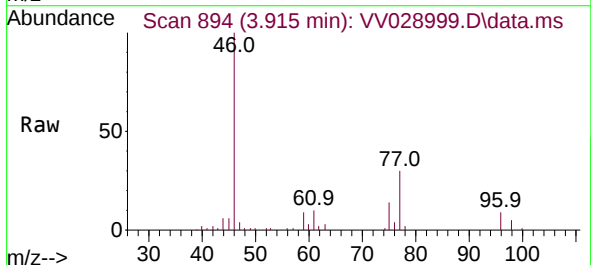
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ClientSampleId :
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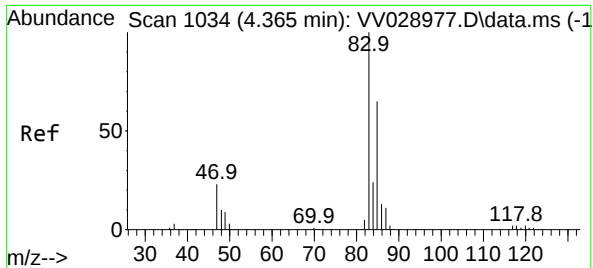
Tgt Ion: 84 Resp: 38265
Ion Ratio Lower Upper
84 100
86 63.3 45.8 85.0
49 96.3 75.5 140.1



#22
cis-1,2-Dichloroethene
Concen: 0.241 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.010 min
Lab File: VV028999.D
Acq: 15 Nov 2022 19:23

Tgt Ion: 96 Resp: 4628
Ion Ratio Lower Upper
96 100
61 110.8 82.3 152.9
68 0.0 0.0 0.0

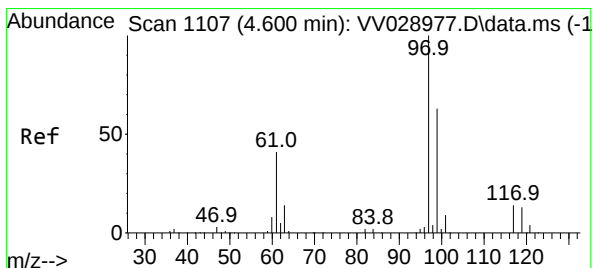
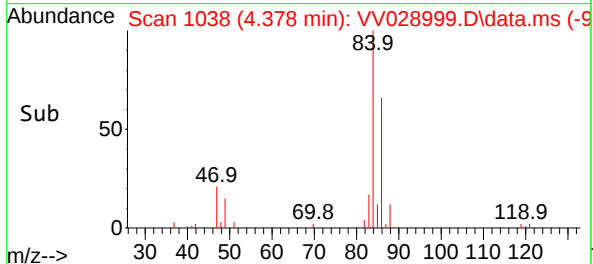
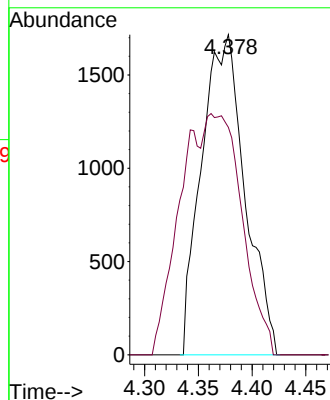
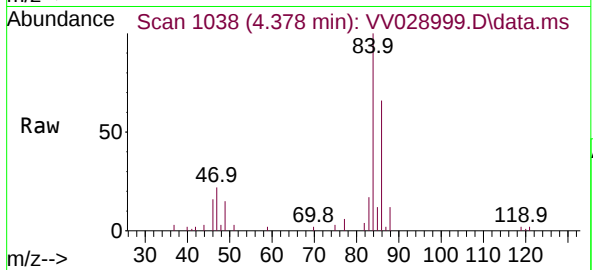




#25
Chloroform
Concen: 0.149 ug/L
RT: 4.378 min Scan# 1109
Delta R.T. 0.013 min
Lab File: VV028999.D
Acq: 15 Nov 2022 19:23

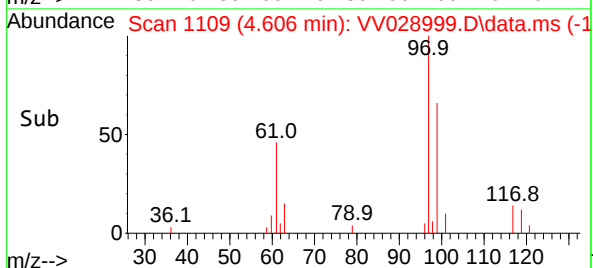
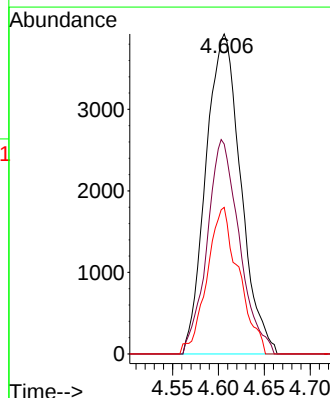
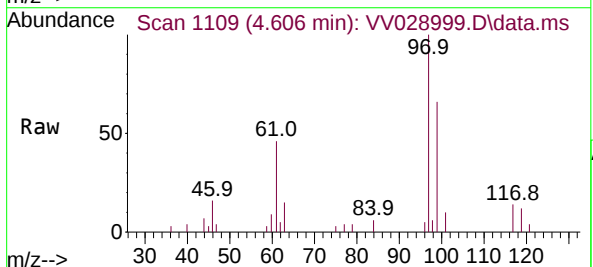
Instrument :
MSVOA_V
ClientSampleId :
H0AD2DL

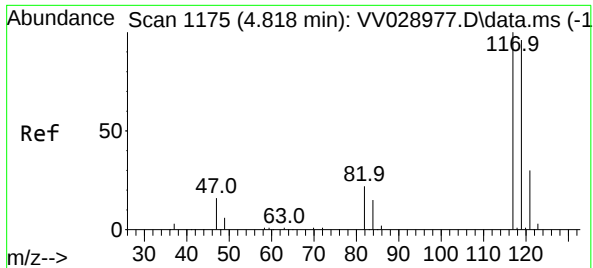
Tgt Ion: 83 Resp: 4821
Ion Ratio Lower Upper
83 100
85 71.0 43.7 81.1



#29
1,1,1-Trichloroethane
Concen: 0.358 ug/L
RT: 4.606 min Scan# 1109
Delta R.T. 0.006 min
Lab File: VV028999.D
Acq: 15 Nov 2022 19:23

Tgt Ion: 97 Resp: 10365
Ion Ratio Lower Upper
97 100
99 62.2 52.7 79.1
61 41.9 33.8 50.6

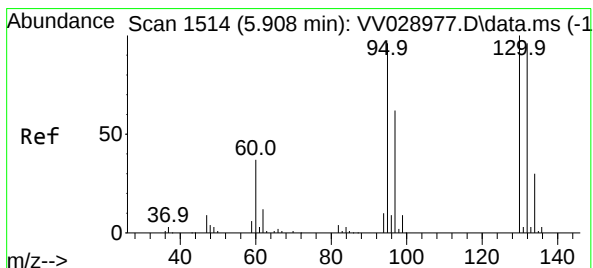
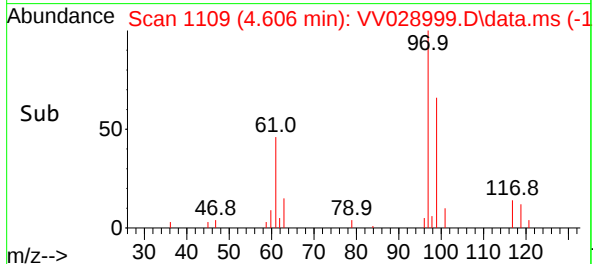
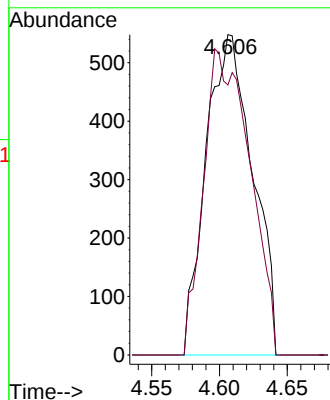
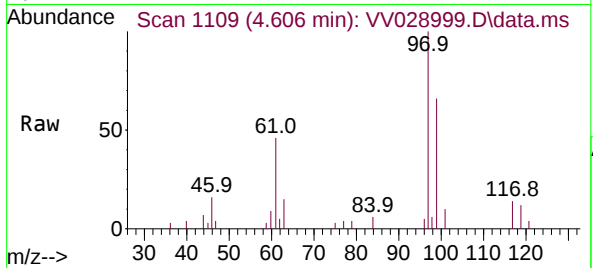




#31
Carbon tetrachloride
Concen: 0.053 ug/L
RT: 4.606 min Scan# 1175
Delta R.T. -0.212 min
Lab File: VV028999.D
Acq: 15 Nov 2022 19:23

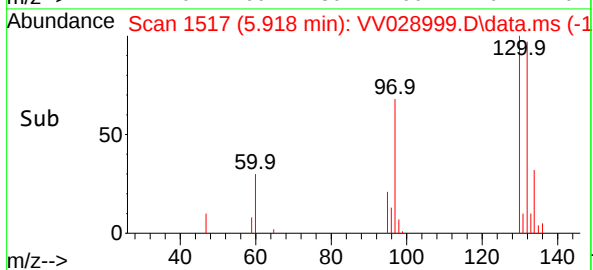
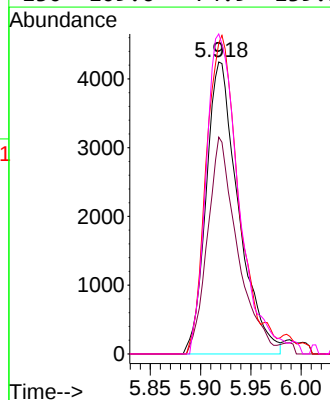
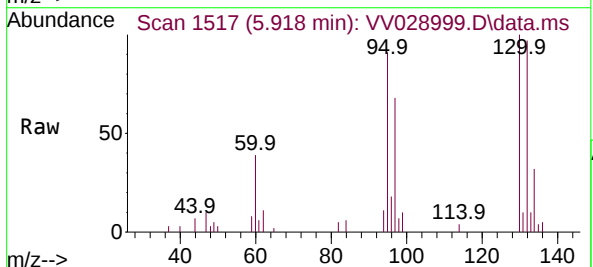
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ClientSampleId :
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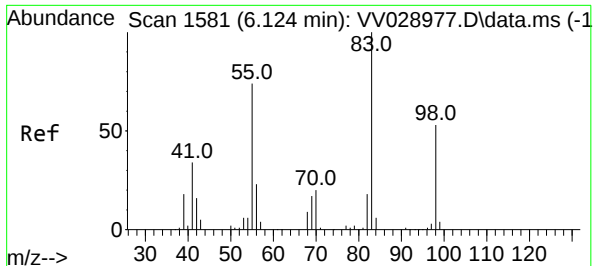
Tgt Ion:117 Resp: 1314
Ion Ratio Lower Upper
117 100
119 94.6 77.0 115.6



#34
Trichloroethene
Concen: 0.491 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.010 min
Lab File: VV028999.D
Acq: 15 Nov 2022 19:23

Tgt Ion: 95 Resp: 9469
Ion Ratio Lower Upper
95 100
97 74.3 45.6 84.8
132 106.5 69.1 128.3
130 109.6 74.9 139.1

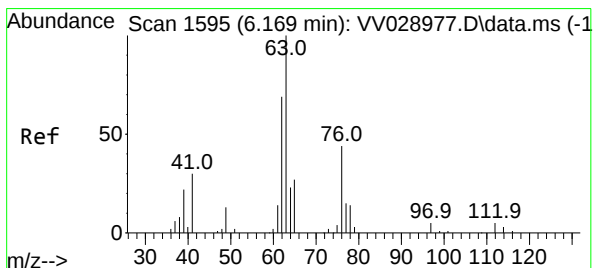
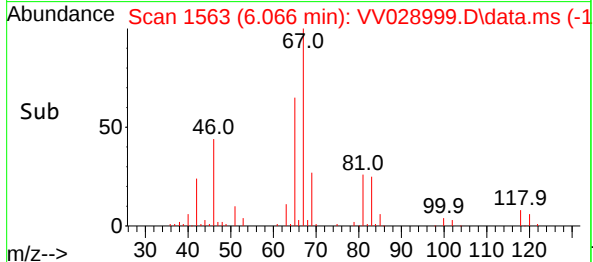
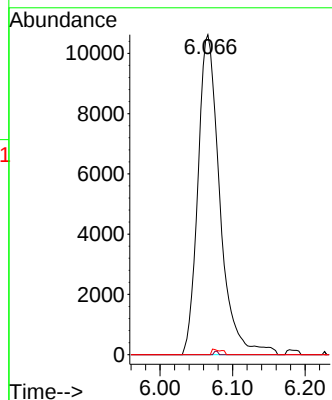
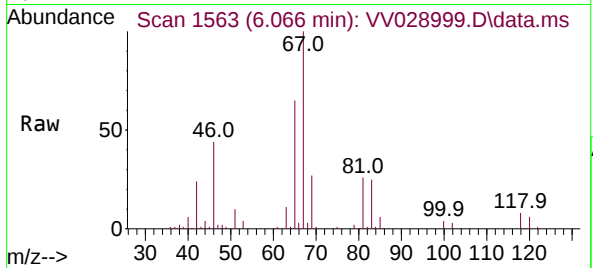




#35
Methylcyclohexane
Concen: 0.657 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.058 min
Lab File: VV028999.D
Acq: 15 Nov 2022 19:23

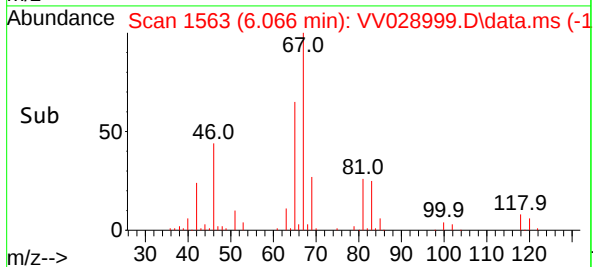
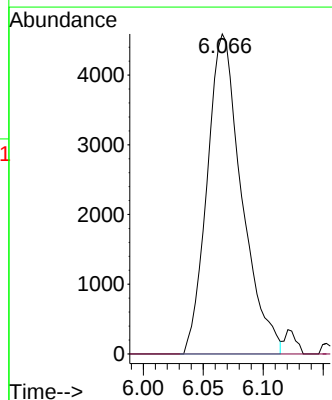
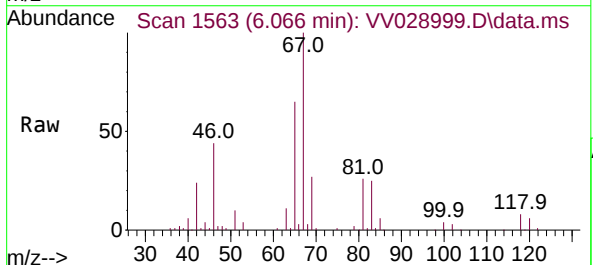
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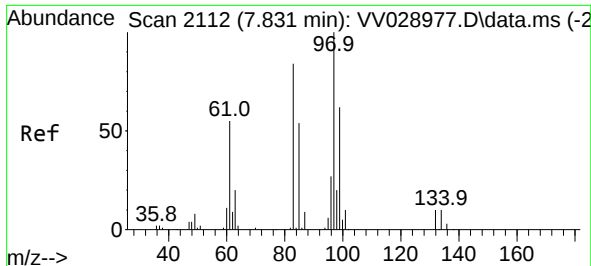
Tgt Ion: 83 Resp: 22291
Ion Ratio Lower Upper
83 100
55 0.2 55.8 83.6#
98 0.8 38.2 57.2#



#37
1,2-Dichloropropane
Concen: 0.529 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.103 min
Lab File: VV028999.D
Acq: 15 Nov 2022 19:23

Tgt Ion: 63 Resp: 9189
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#





#45

1,1,2-Trichloroethane

Concen: 0.087 ug/L

RT: 7.966 min Scan# 2112

Delta R.T. 0.135 min

Lab File: VV028999.D

Acq: 15 Nov 2022 19:23

Instrument :

MSVOA_V

ClientSampleId :

H0AD2DL

Tgt Ion: 97 Resp: 992

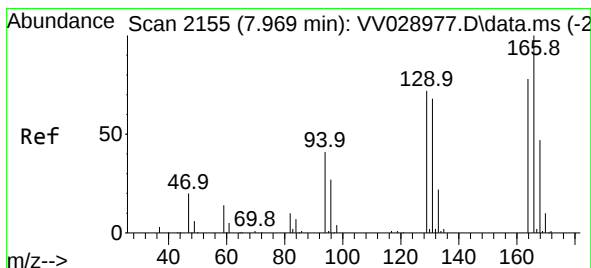
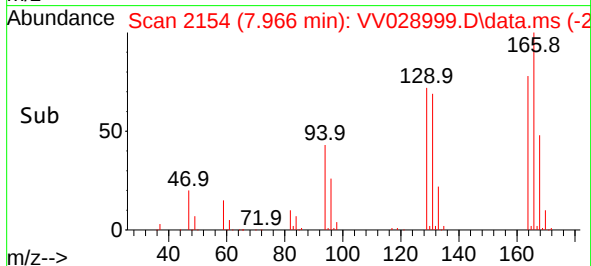
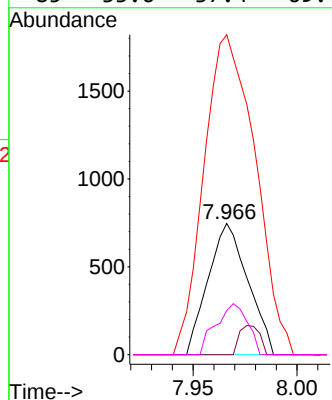
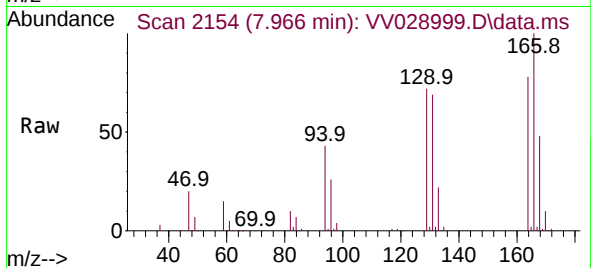
Ion Ratio Lower Upper

97 100

99 0.0 41.5 77.1#

83 244.1 60.0 111.4#

85 33.6 37.4 69.4#



#47

Tetrachloroethene

Concen: 9.090 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. 0.000 min

Lab File: VV028999.D

Acq: 15 Nov 2022 19:23

Tgt Ion:164 Resp: 140468

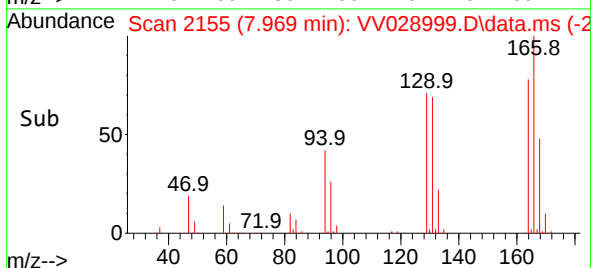
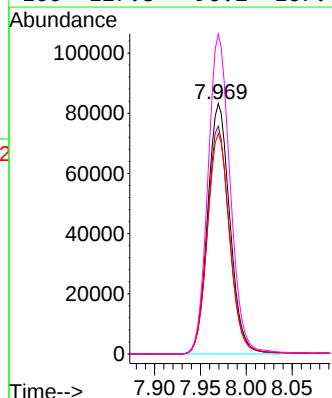
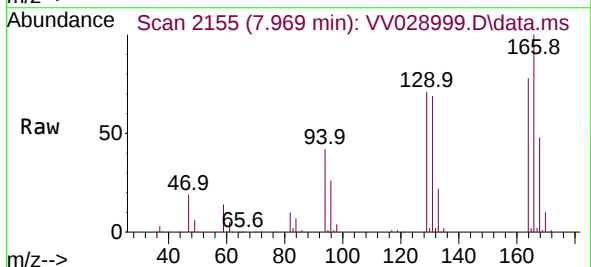
Ion Ratio Lower Upper

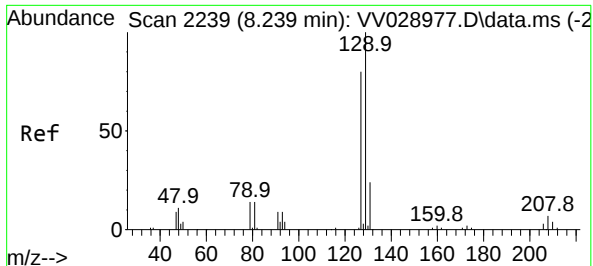
164 100

129 91.0 63.9 118.7

131 88.1 61.8 114.8

166 127.8 90.2 167.4





#49

Dibromochloromethane

Concen: 8.801 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. -0.270 min

Lab File: VV028999.D

Acq: 15 Nov 2022 19:23

Instrument :

MSVOA_V

ClientSampleId :

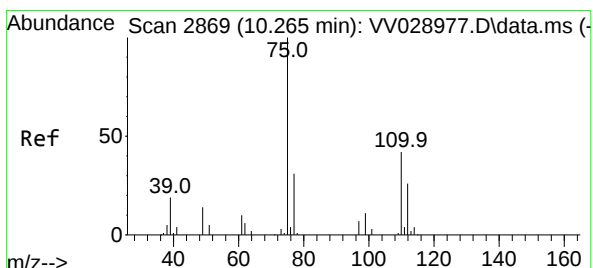
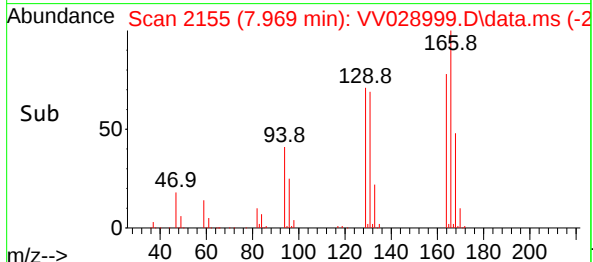
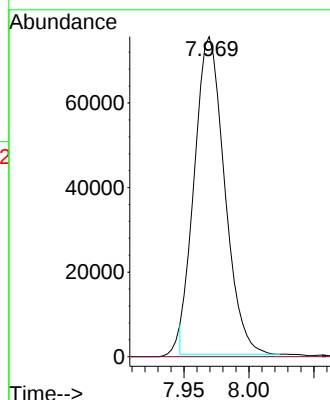
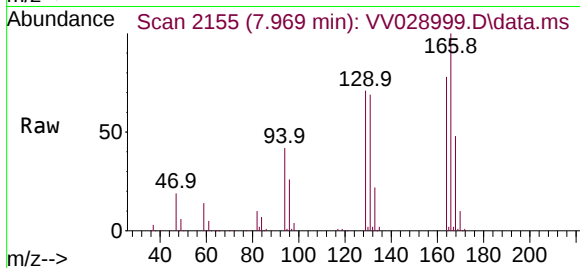
H0AD2DL

Tgt Ion:129 Resp: 121078

Ion Ratio Lower Upper

129 100

127 0.0 54.5 101.1#



#61

1,2,3-Trichloropropane

Concen: 1.484 ug/L

RT: 11.239 min Scan# 3172

Delta R.T. 0.974 min

Lab File: VV028999.D

Acq: 15 Nov 2022 19:23

Tgt Ion: 75 Resp: 11816

Ion Ratio Lower Upper

75 100

77 32.9 26.2 39.2

110 1.4 32.6 48.8#

