

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111422\
 Data File : VW028945.D
 Acq On : 14 Nov 2022 18:01
 Operator : SY/MD
 Sample : N5592-17DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AC2DL

Quant Time: Nov 15 00:06:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 15 00:01:45 2022
 Response via : Initial Calibration

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

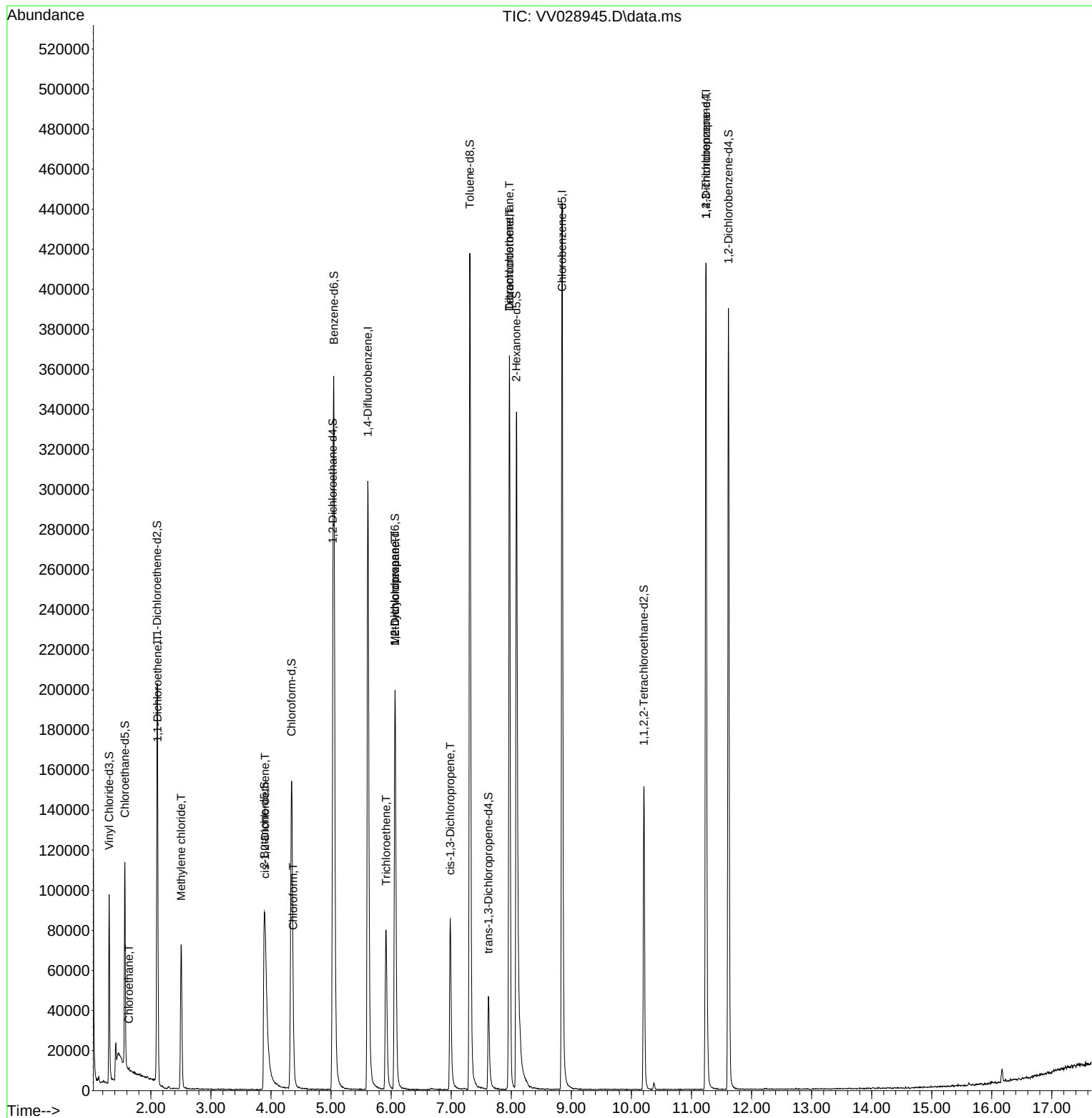
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	285156	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	267518	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	121076	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	64964	3.737	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.800%
7) Chloroethane-d5	1.567	69	66255	4.335	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.800%
11) 1,1-Dichloroethene-d2	2.104	63	98595	3.112	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.200%
20) 2-Butanone-d5	3.889	46	171580	58.960	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.920%
24) Chloroform-d	4.342	84	169120	4.738	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
26) 1,2-Dichloroethane-d4	5.030	65	80029	4.984	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
32) Benzene-d6	5.046	84	346657	4.341	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
36) 1,2-Dichloropropane-d6	6.066	67	103570	4.645	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.800%
41) Toluene-d8	7.310	98	304062	4.230	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.600%
43) trans-1,3-Dichloroprop...	7.619	79	31668	4.355	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.000%
46) 2-Hexanone-d5	8.085	63	145266	46.798	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.600%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	75116	4.859	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.200%
66) 1,2-Dichlorobenzene-d4	11.615	152	108355	5.002	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.000%
Target Compounds						
8) Chloroethane	1.635	64	1185	0.090	ug/L #	56
12) 1,1-Dichloroethene	2.114	96	4396	0.255	ug/L #	1
16) Methylene chloride	2.503	84	33251	1.490	ug/L	96
22) cis-1,2-Dichloroethene	3.902	96	1321	0.065	ug/L	90
25) Chloroform	4.368	83	2867	0.084	ug/L	97
34) Trichloroethene	5.915	95	29247	1.397	ug/L	97
35) Methylcyclohexane	6.066	83	25706	0.699	ug/L #	21
37) 1,2-Dichloropropane	6.066	63	11013	0.584	ug/L #	85
39) cis-1,3-Dichloropropene	6.985	75	2526	0.096	ug/L #	62
47) Tetrachloroethene	7.969	164	87080	5.196	ug/L	99
49) Dibromochloromethane	7.969	129	77262	5.178	ug/L #	10
61) 1,2,3-Trichloropropane	11.242	75	12556	1.518	ug/L #	63

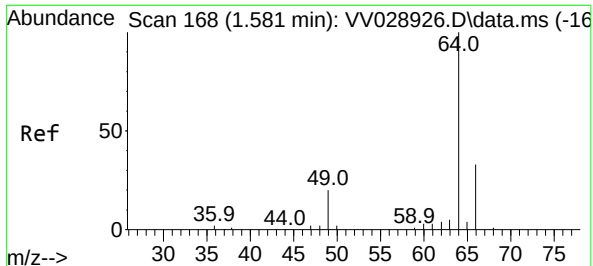
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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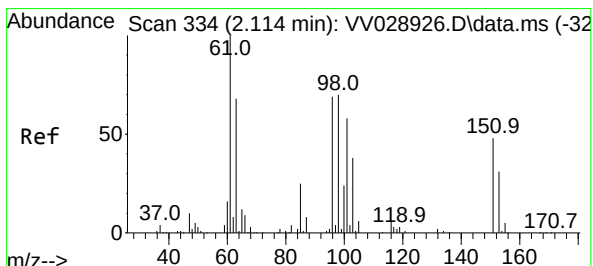
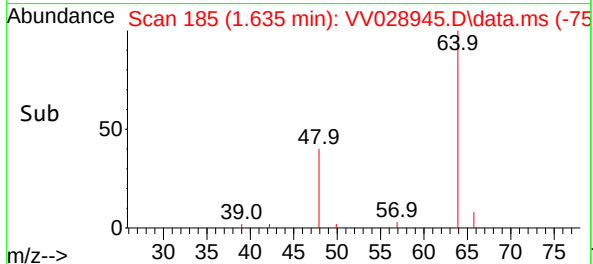
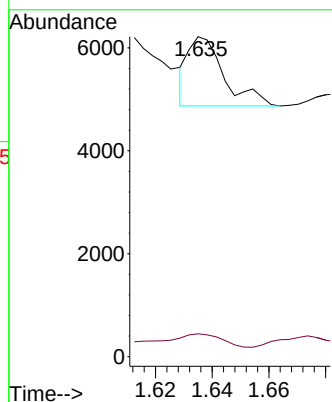
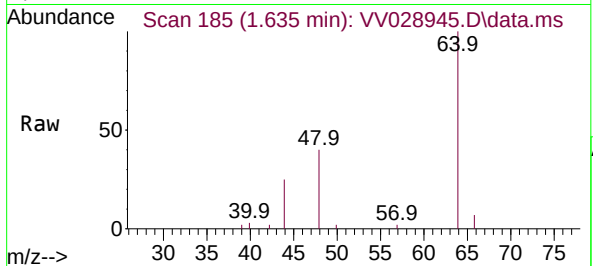




#8
Chloroethane
Concen: 0.090 ug/L
RT: 1.635 min Scan# 11
Delta R.T. 0.054 min
Lab File: VV028945.D
Acq: 14 Nov 2022 18:01

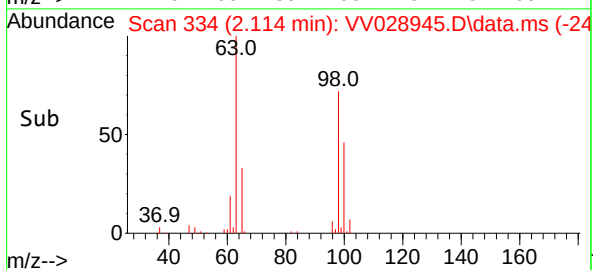
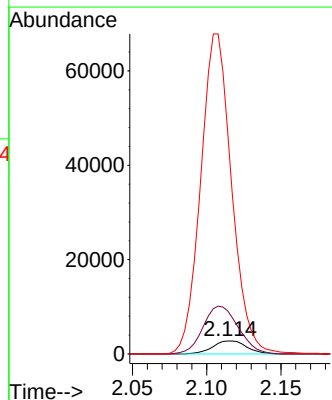
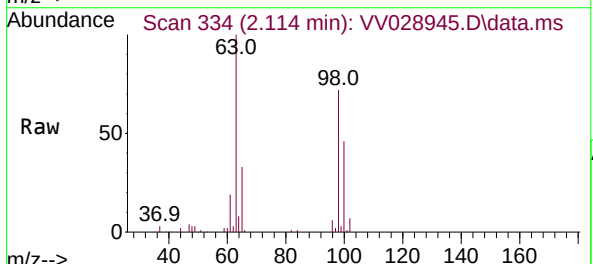
Instrument :
MSVOA_V
ClientSampleId :
H0AC2DL

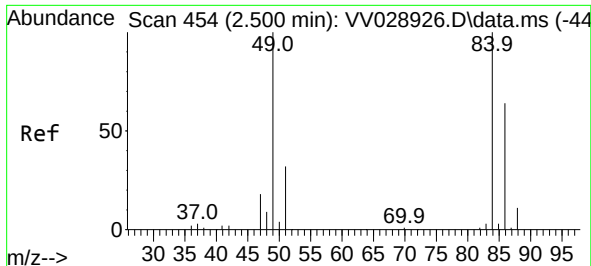
Tgt Ion: 64 Resp: 1185
Ion Ratio Lower Upper
64 100
66 7.1 22.0 40.8#



#12
1,1-Dichloroethene
Concen: 0.255 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.000 min
Lab File: VV028945.D
Acq: 14 Nov 2022 18:01

Tgt Ion: 96 Resp: 4396
Ion Ratio Lower Upper
96 100
61 333.0 104.2 193.4#
63 1713.5 75.9 140.9#

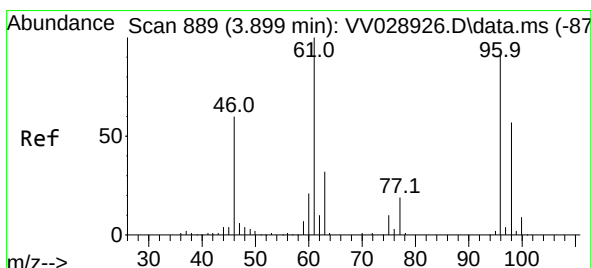
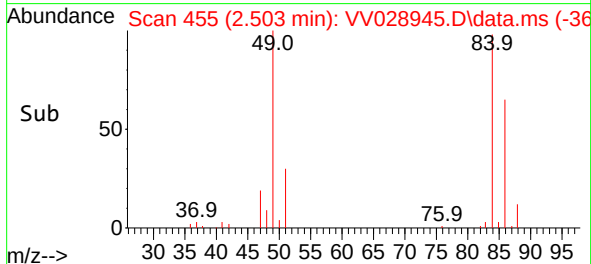
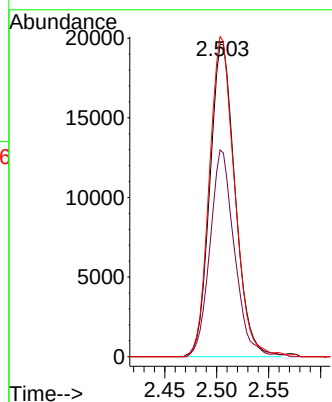
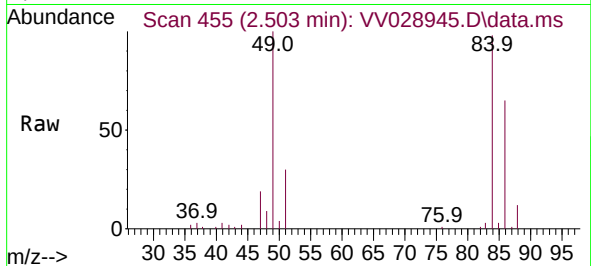




#16
Methylene chloride
Concen: 1.490 ug/L
RT: 2.503 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV028945.D
Acq: 14 Nov 2022 18:01

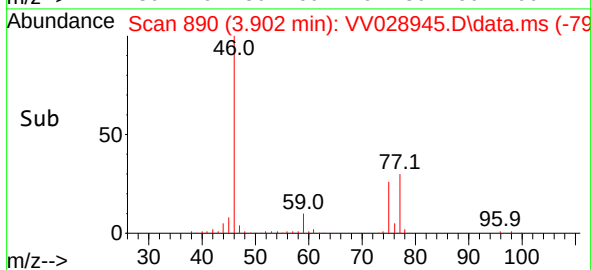
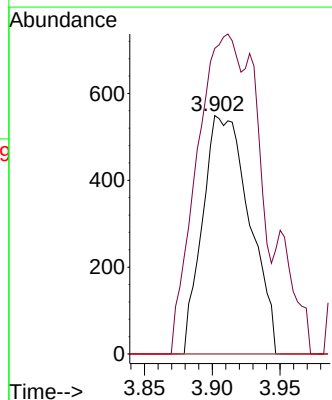
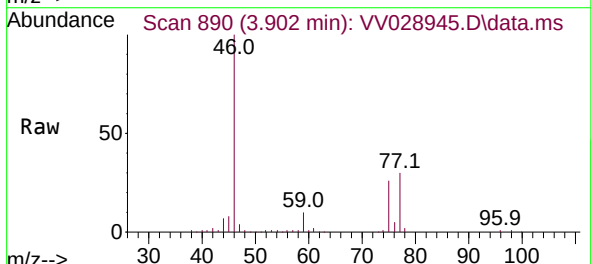
Instrument :
MSVOA_V
ClientSampleId :
H0AC2DL

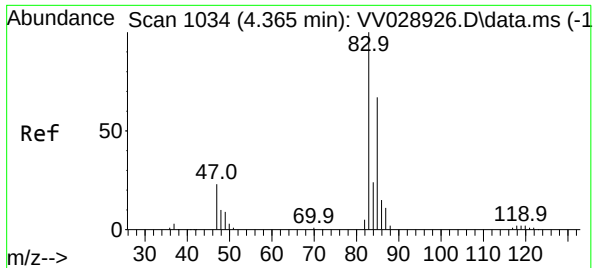
Tgt Ion: 84 Resp: 33251
Ion Ratio Lower Upper
84 100
86 66.1 45.8 85.0
49 102.3 75.5 140.1



#22
cis-1,2-Dichloroethene
Concen: 0.065 ug/L
RT: 3.902 min Scan# 890
Delta R.T. 0.003 min
Lab File: VV028945.D
Acq: 14 Nov 2022 18:01

Tgt Ion: 96 Resp: 1321
Ion Ratio Lower Upper
96 100
61 128.2 82.3 152.9
68 0.0 0.0 0.0

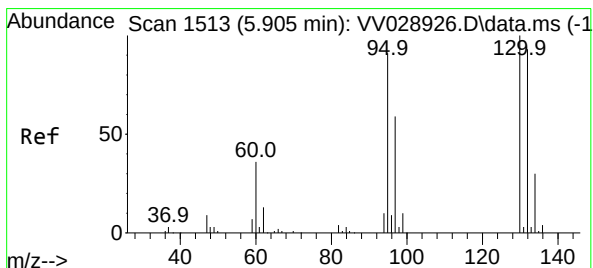
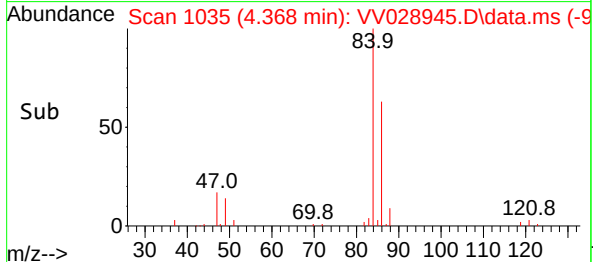
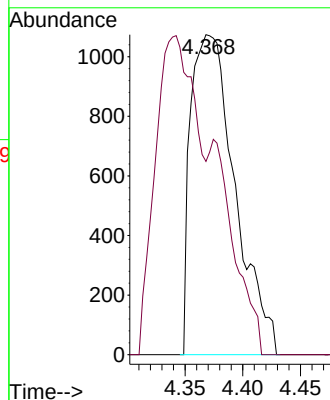
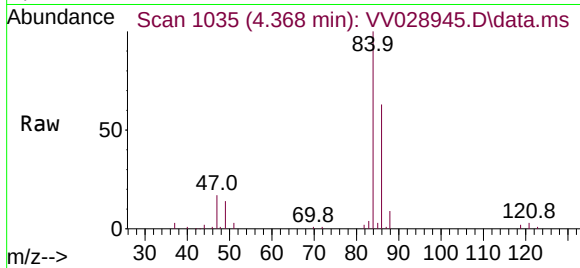




#25
Chloroform
Concen: 0.084 ug/L
RT: 4.368 min Scan# 1035
Delta R.T. 0.003 min
Lab File: VV028945.D
Acq: 14 Nov 2022 18:01

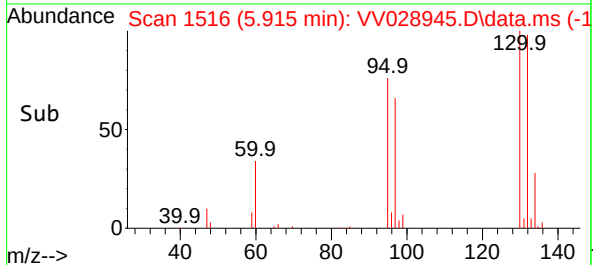
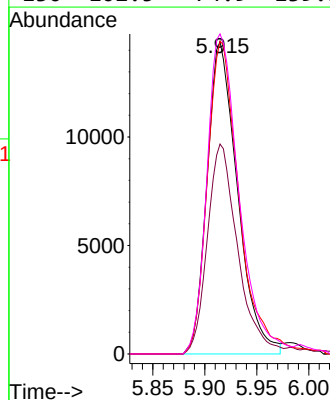
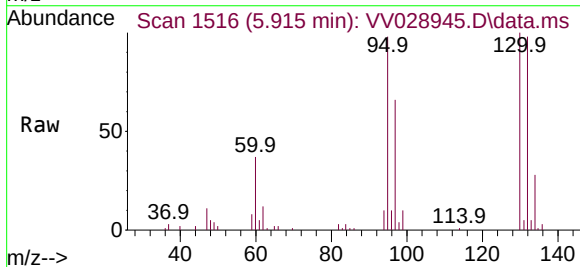
Instrument :
MSVOA_V
ClientSampleId :
H0AC2DL

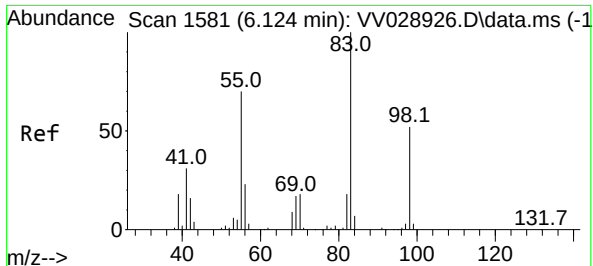
Tgt Ion: 83 Resp: 2867
Ion Ratio Lower Upper
83 100
85 60.4 43.7 81.1



#34
Trichloroethene
Concen: 1.397 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.009 min
Lab File: VV028945.D
Acq: 14 Nov 2022 18:01

Tgt Ion: 95 Resp: 29247
Ion Ratio Lower Upper
95 100
97 67.2 45.6 84.8
132 100.2 69.1 128.3
130 102.5 74.9 139.1





#35

Methylcyclohexane

Concen: 0.699 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.058 min

Lab File: VV028945.D

Acq: 14 Nov 2022 18:01

Instrument :

MSVOA_V

ClientSampleId :

H0AC2DL

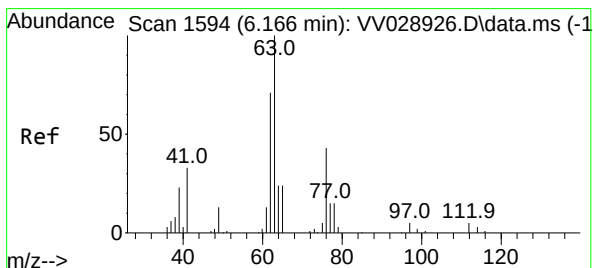
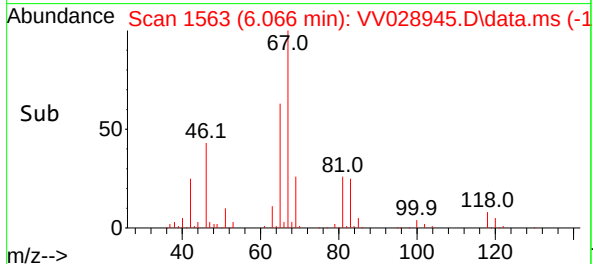
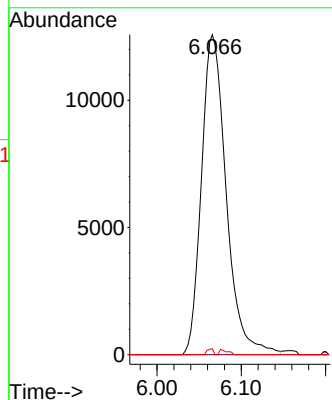
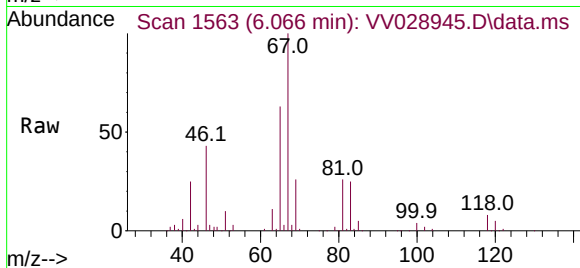
Tgt Ion: 83 Resp: 25706

Ion Ratio Lower Upper

83 100

55 0.0 55.8 83.6#

98 0.5 38.2 57.2#



#37

1,2-Dichloropropane

Concen: 0.584 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.100 min

Lab File: VV028945.D

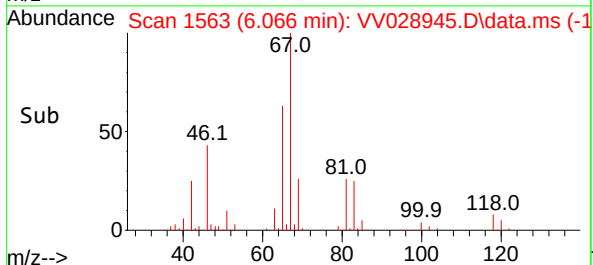
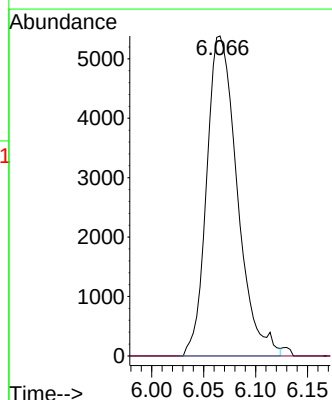
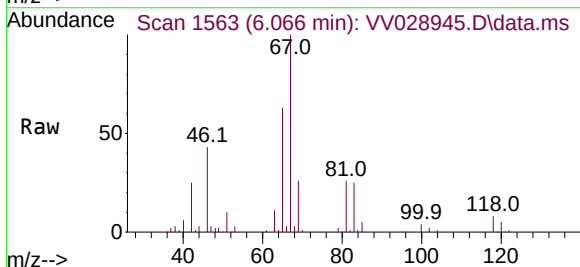
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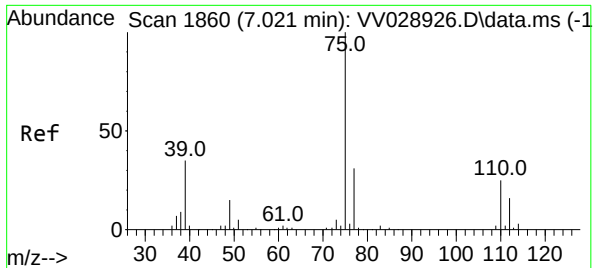
Tgt Ion: 63 Resp: 11013

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#





#39

cis-1,3-Dichloropropene

Concen: 0.096 ug/L

RT: 6.985 min Scan# 11

Delta R.T. -0.036 min

Lab File: VV028945.D

Acq: 14 Nov 2022 18:01

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MSVOA_V

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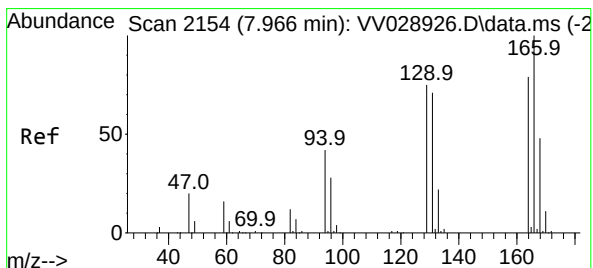
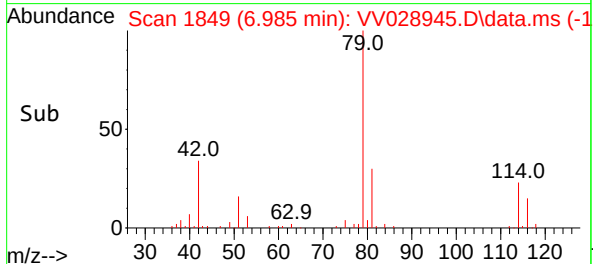
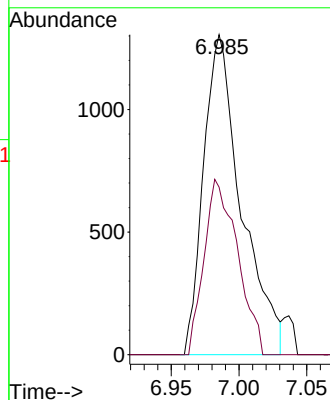
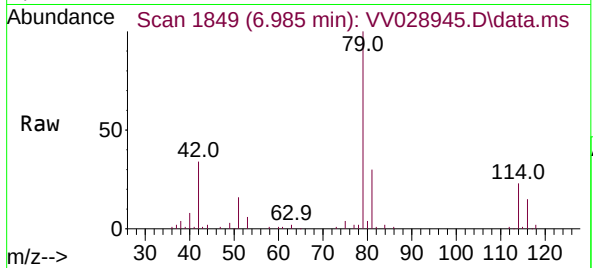
H0AC2DL

Tgt Ion: 75 Resp: 2526

Ion Ratio Lower Upper

75 100

77 52.3 21.8 40.6#



#47

Tetrachloroethene

Concen: 5.196 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. 0.003 min

Lab File: VV028945.D

Acq: 14 Nov 2022 18:01

Tgt Ion: 164 Resp: 87080

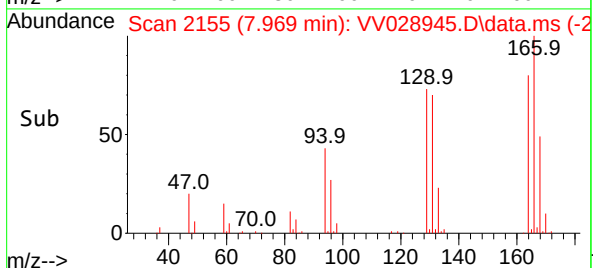
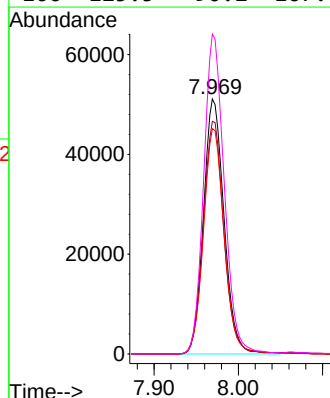
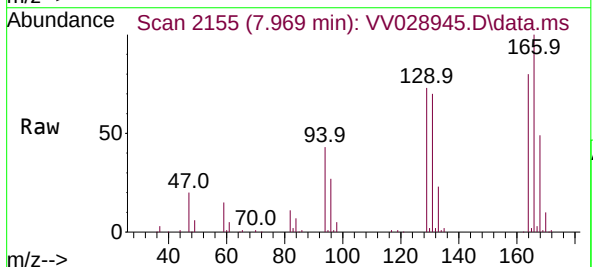
Ion Ratio Lower Upper

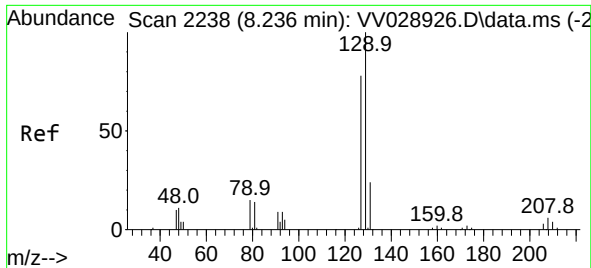
164 100

129 91.3 63.9 118.7

131 88.4 61.8 114.8

166 125.5 90.2 167.4

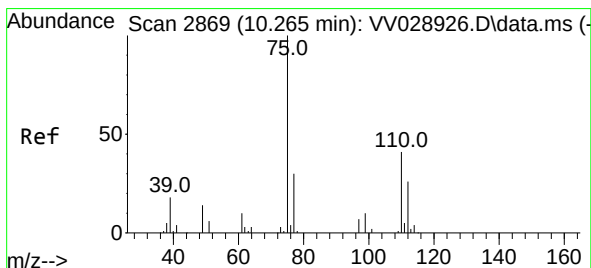
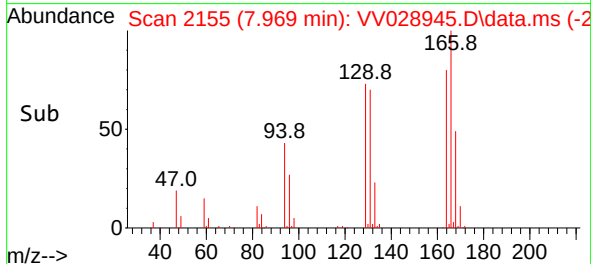
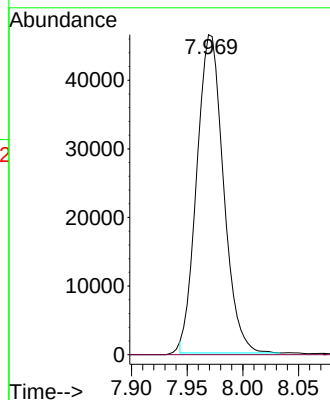
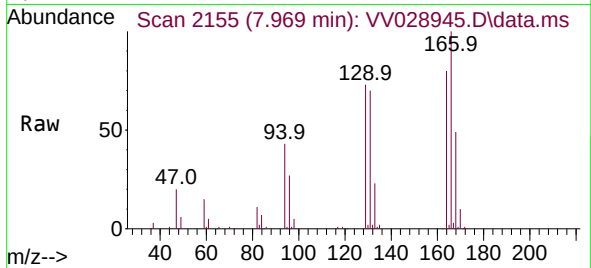




#49
Dibromochloromethane
Concen: 5.178 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. -0.267 min
Lab File: VV028945.D
Acq: 14 Nov 2022 18:01

Instrument :
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Tgt Ion:129 Resp: 77262
Ion Ratio Lower Upper
129 100
127 0.0 54.5 101.1#



#61
1,2,3-Trichloropropane
Concen: 1.518 ug/L
RT: 11.242 min Scan# 3173
Delta R.T. 0.977 min
Lab File: VV028945.D
Acq: 14 Nov 2022 18:01

Tgt Ion: 75 Resp: 12556
Ion Ratio Lower Upper
75 100
77 35.7 26.2 39.2
110 2.2 32.6 48.8#

