

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020824\
 Data File : VW034048.D
 Acq On : 08 Feb 2024 11:01
 Operator : SY/MD
 Sample : P1400-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 09 00:40:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 09 00:39:09 2024
 Response via : Initial Calibration

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

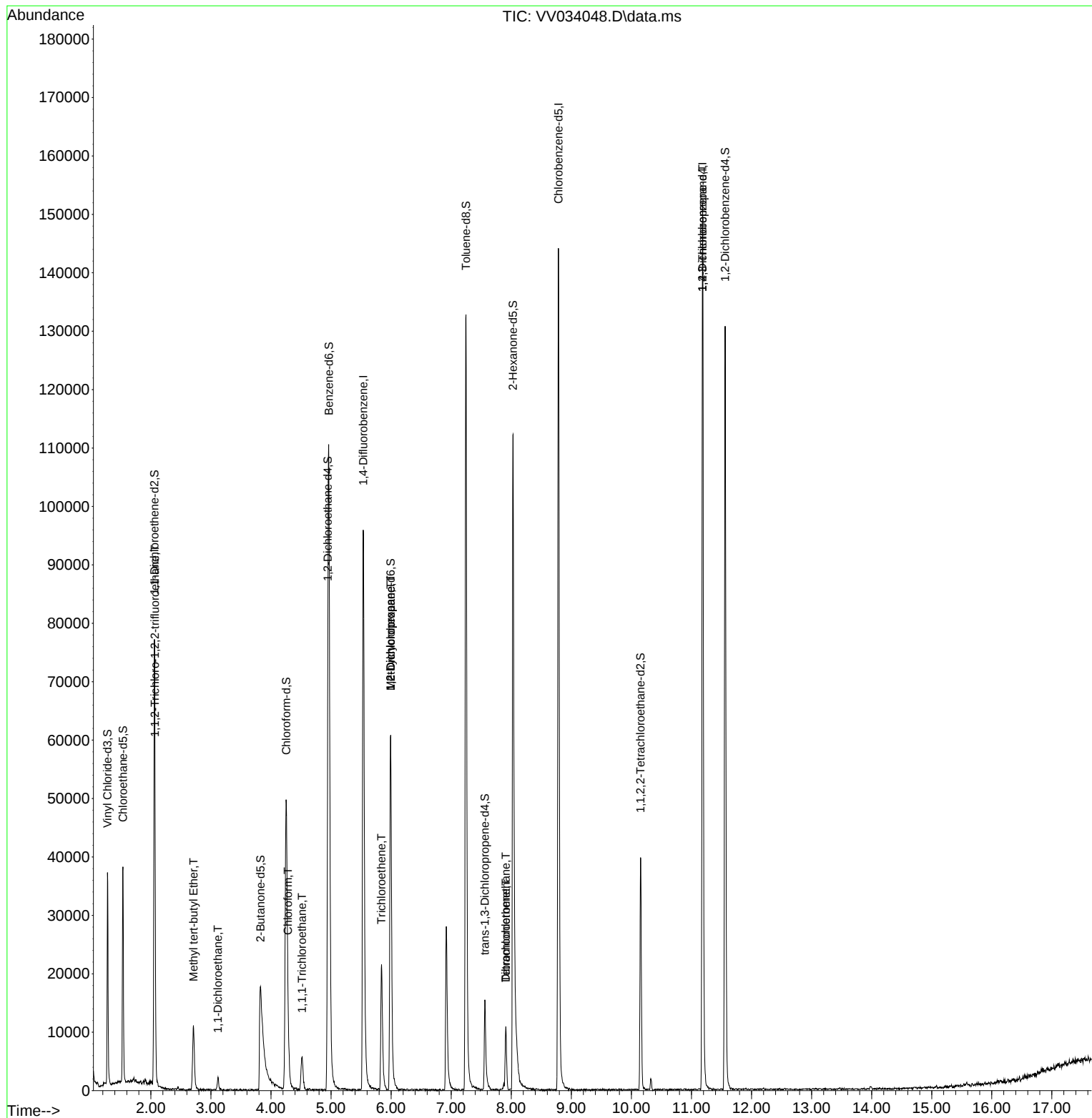
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	86753	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	79559	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	39471	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	23325	3.472	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.400%
7) Chloroethane-d5	1.535	69	22459	3.816	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.400%
11) 1,1-Dichloroethene-d2	2.059	65	12265	3.785	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.800%
20) 2-Butanone-d5	3.825	46	51543	45.678	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.360%
24) Chloroform-d	4.252	84	53277	4.364	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
26) 1,2-Dichloroethane-d4	4.947	65	26957	4.725	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
32) Benzene-d6	4.963	84	99804	4.181	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.600%
36) 1,2-Dichloropropane-d6	5.992	67	29202	4.377	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.600%
41) Toluene-d8	7.246	98	90188	4.111	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.200%
43) trans-1,3-Dichloroprop...	7.561	79	10280	4.080	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.600%
46) 2-Hexanone-d5	8.027	63	42473	47.224	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.440%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	18273	4.517	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.400%
66) 1,2-Dichlorobenzene-d4	11.561	152	32883	4.581	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.600%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	2191	0.351	ug/L #	87
17) Methyl tert-butyl Ether	2.709	73	11657	0.936	ug/L	99
19) 1,1-Dichloroethane	3.117	63	2490	0.220	ug/L	97
25) Chloroform	4.281	83	5167	0.451	ug/L	98
29) 1,1,1-Trichloroethane	4.516	97	5468	0.512	ug/L	92
34) Trichloroethene	5.837	95	7523	1.089	ug/L	92
35) Methylcyclohexane	5.992	83	7287	0.672	ug/L #	19
37) 1,2-Dichloropropane	5.992	63	3716	0.643	ug/L #	87
47) Tetrachloroethene	7.908	164	2451	0.437	ug/L	90
49) Dibromochloromethane	7.908	129	2173	0.512	ug/L #	11
61) 1,2,3-Trichloropropane	11.185	75	4691	1.729	ug/L #	64

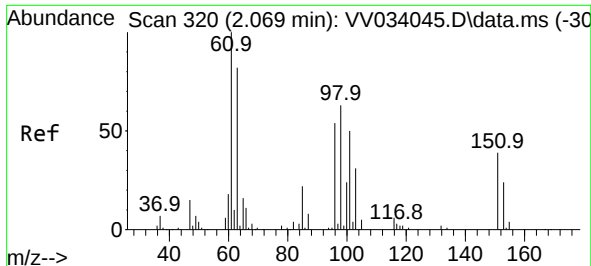
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Feb 09 00:39:09 2024
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.351 ug/L

RT: 2.069 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV034048.D

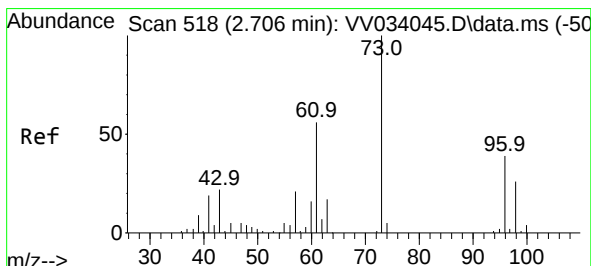
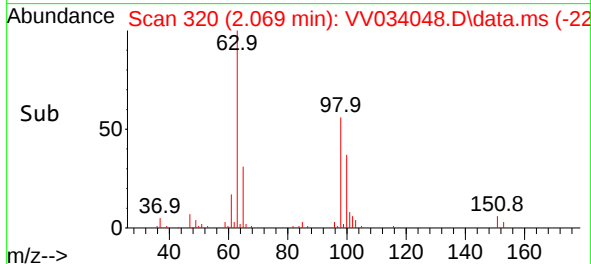
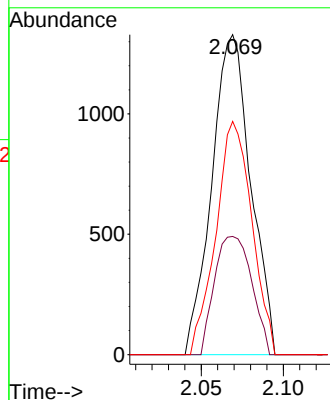
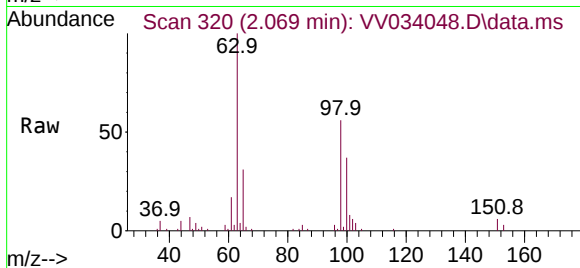
Acq: 08 Feb 2024 11:01

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	101	Resp:	2191
Ion	Ratio	Lower	Upper
101	100		
85	35.3	37.1	55.7#
151	67.3	61.7	92.5



#17

Methyl tert-butyl Ether

Concen: 0.936 ug/L

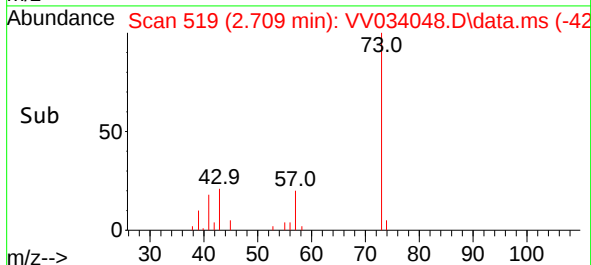
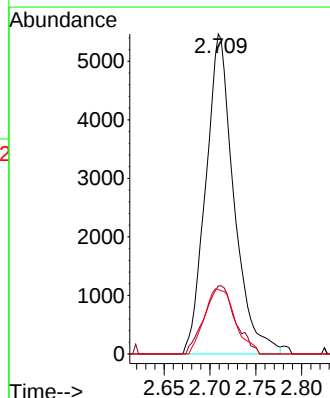
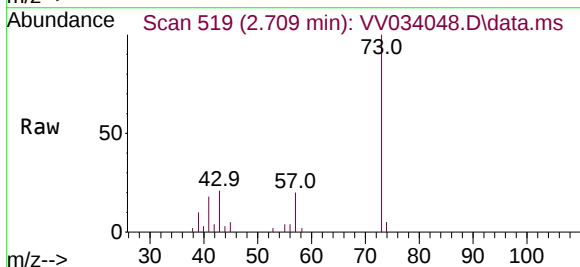
RT: 2.709 min Scan# 519

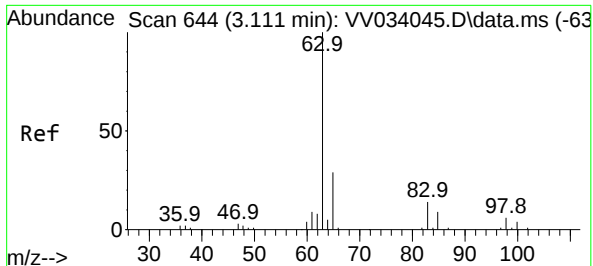
Delta R.T. 0.003 min

Lab File: VV034048.D

Acq: 08 Feb 2024 11:01

Tgt Ion:	73	Resp:	11657
Ion	Ratio	Lower	Upper
73	100		
43	23.2	17.7	26.5
57	22.2	17.9	26.9

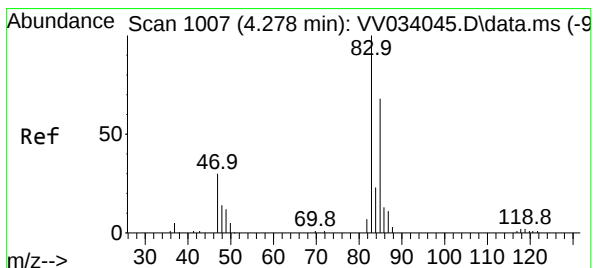
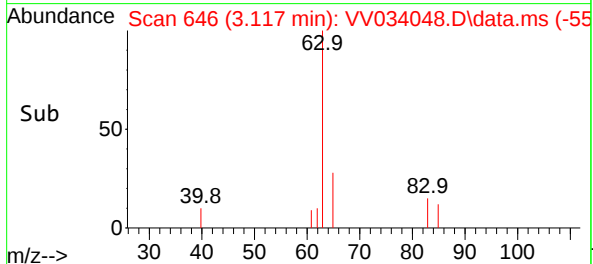
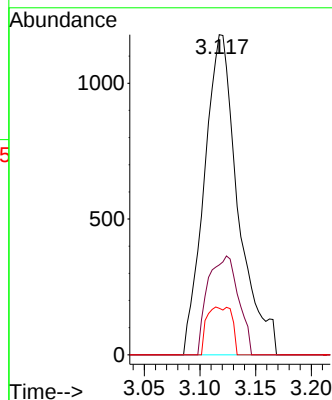
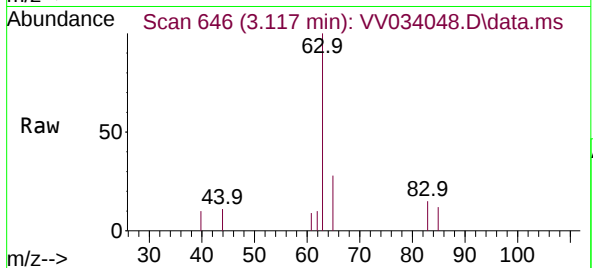




#19
1,1-Dichloroethane
Concen: 0.220 ug/L
RT: 3.117 min Scan# 644
Delta R.T. 0.006 min
Lab File: VV034048.D
Acq: 08 Feb 2024 11:01

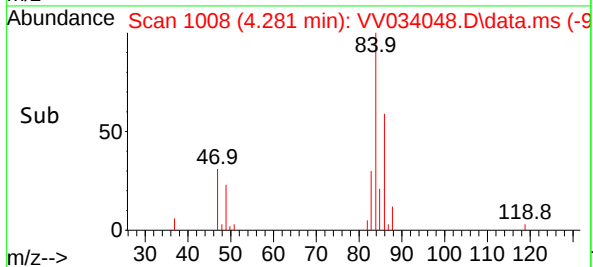
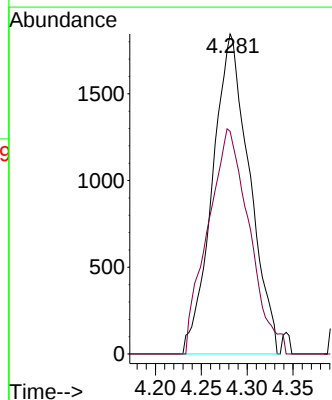
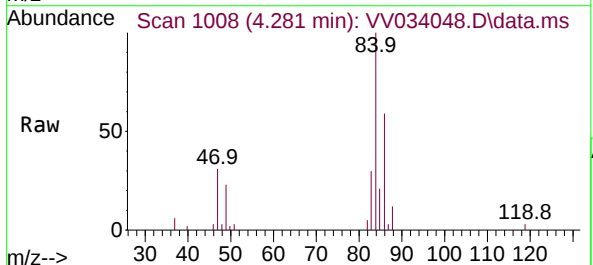
Instrument :
MSVOA_V
ClientSampleId :

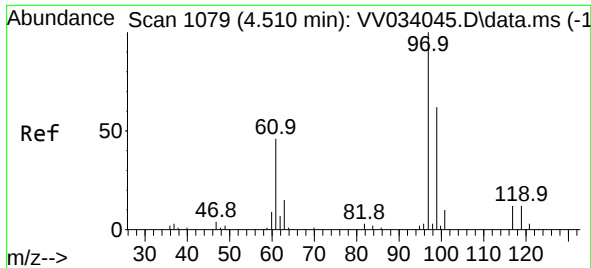
Tgt Ion:	63	Resp:	2490
Ion	Ratio	Lower	Upper
63	100		
65	28.1	20.8	38.6
83	14.5	9.4	17.4



#25
Chloroform
Concen: 0.451 ug/L
RT: 4.281 min Scan# 1008
Delta R.T. 0.003 min
Lab File: VV034048.D
Acq: 08 Feb 2024 11:01

Tgt Ion:	83	Resp:	5167
Ion	Ratio	Lower	Upper
83	100		
85	69.5	47.5	88.1





#29

1,1,1-Trichloroethane

Concen: 0.512 ug/L

RT: 4.516 min Scan# 1081

Delta R.T. 0.006 min

Lab File: VV034048.D

Acq: 08 Feb 2024 11:01

Instrument :

MSVOA_V

ClientSampleId :

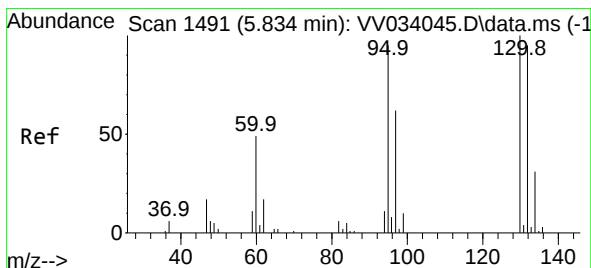
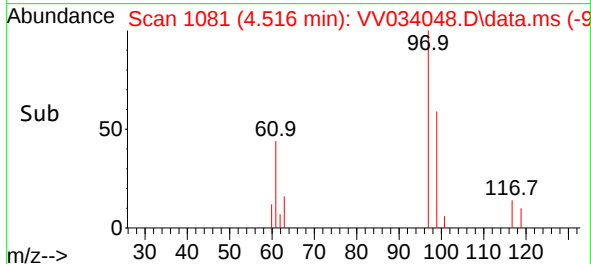
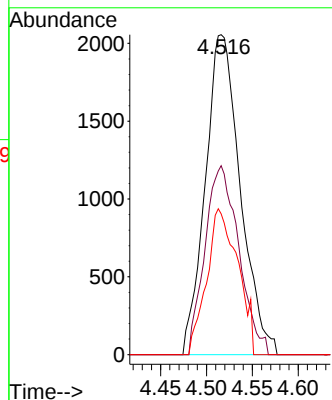
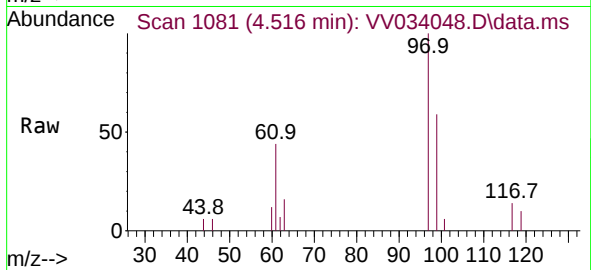
Tgt Ion: 97 Resp: 5468

Ion Ratio Lower Upper

97 100

99 56.9 50.6 75.8

61 40.4 36.8 55.2



#34

Trichloroethene

Concen: 1.089 ug/L

RT: 5.837 min Scan# 1492

Delta R.T. 0.003 min

Lab File: VV034048.D

Acq: 08 Feb 2024 11:01

Tgt Ion: 95 Resp: 7523

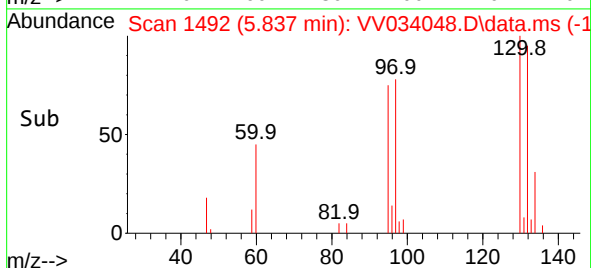
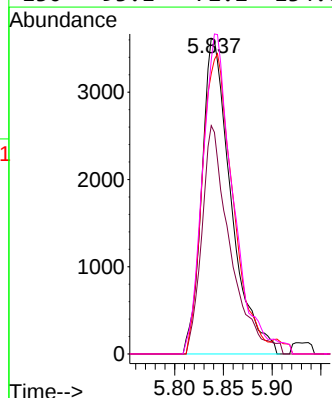
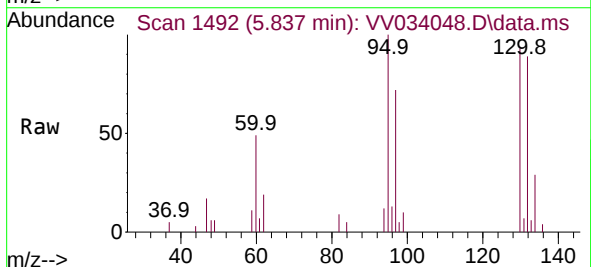
Ion Ratio Lower Upper

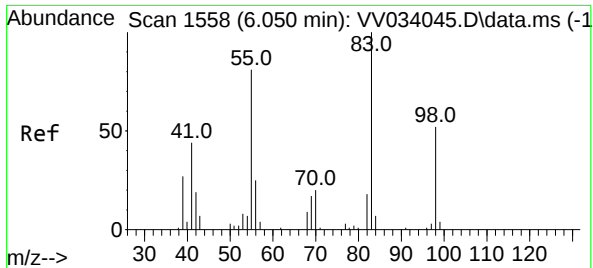
95 100

97 72.3 45.1 83.7

132 88.8 66.0 122.6

130 93.1 72.2 134.0

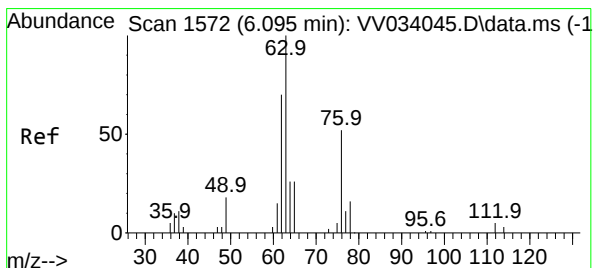
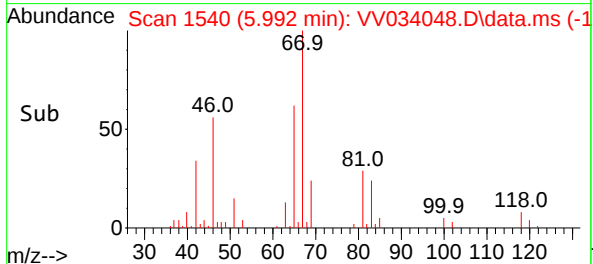
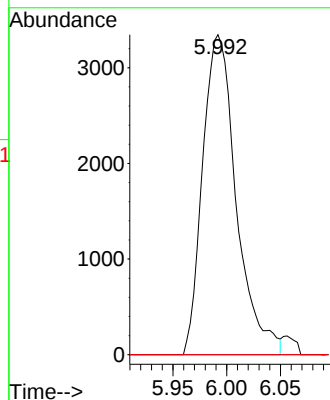
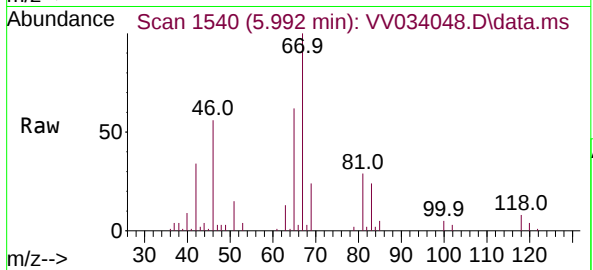




#35
Methylcyclohexane
Concen: 0.672 ug/L
RT: 5.992 min Scan# 1540
Delta R.T. -0.058 min
Lab File: VV034048.D
Acq: 08 Feb 2024 11:01

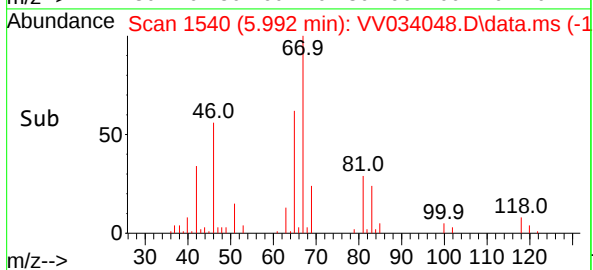
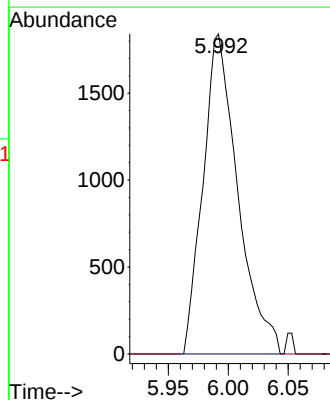
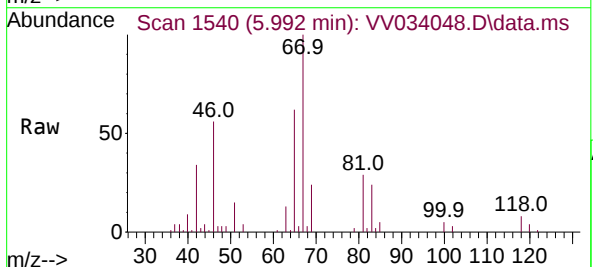
Instrument :
MSVOA_V
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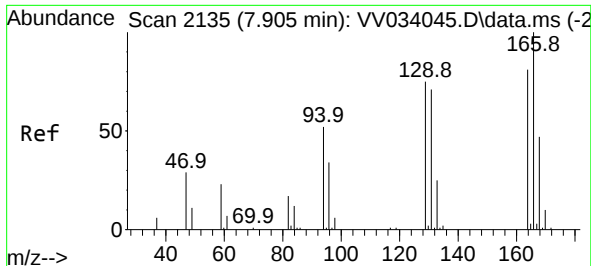
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	63.5	95.3#
98	4.6	39.0	58.4#



#37
1,2-Dichloropropane
Concen: 0.643 ug/L
RT: 5.992 min Scan# 1540
Delta R.T. -0.103 min
Lab File: VV034048.D
Acq: 08 Feb 2024 11:01

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.0#





#47

Tetrachloroethene

Concen: 0.437 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. 0.003 min

Lab File: VV034048.D

Acq: 08 Feb 2024 11:01

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:164 Resp: 2451

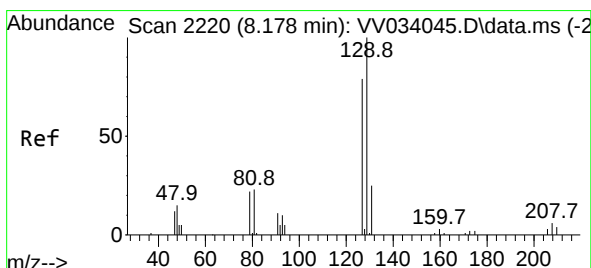
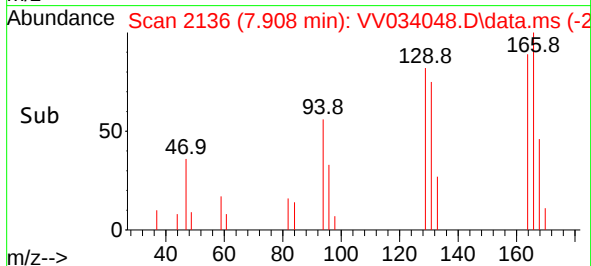
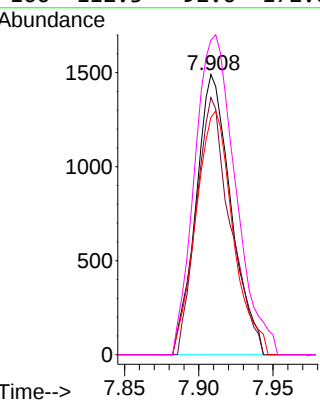
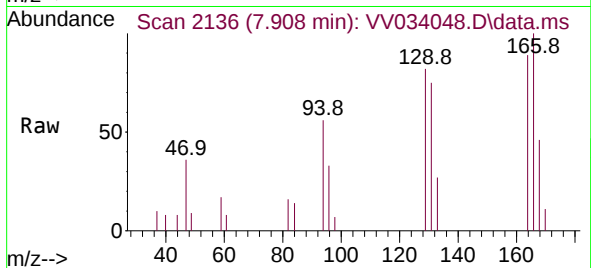
Ion Ratio Lower Upper

164 100

129 91.8 67.8 125.8

131 84.6 63.0 117.0

166 112.3 92.6 172.0



#49

Dibromochloromethane

Concen: 0.512 ug/L

RT: 7.908 min Scan# 2136

Delta R.T. -0.270 min

Lab File: VV034048.D

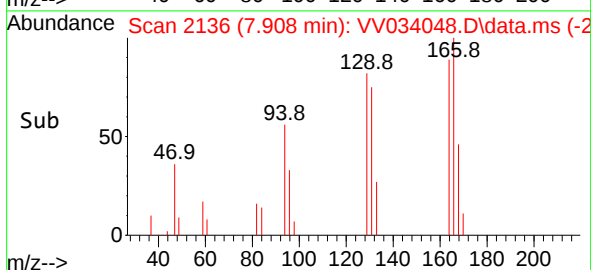
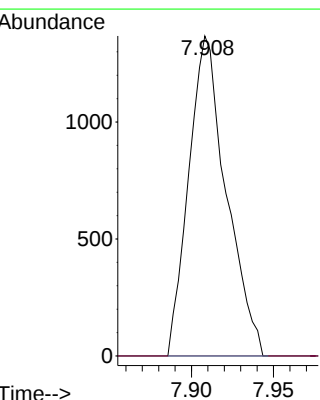
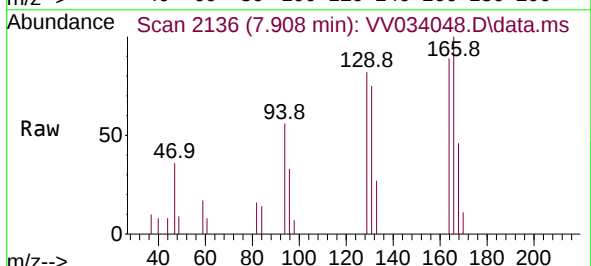
Acq: 08 Feb 2024 11:01

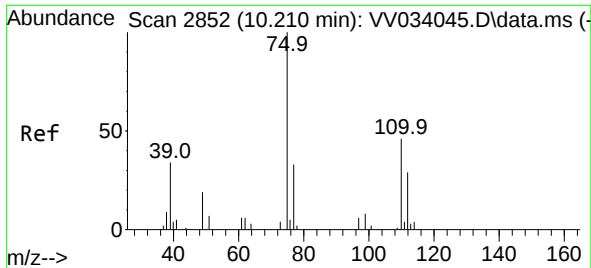
Tgt Ion:129 Resp: 2173

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.5#





#61

1,2,3-Trichloropropane

Concen: 1.729 ug/L

RT: 11.185 min Scan# 31

Delta R.T. 0.974 min

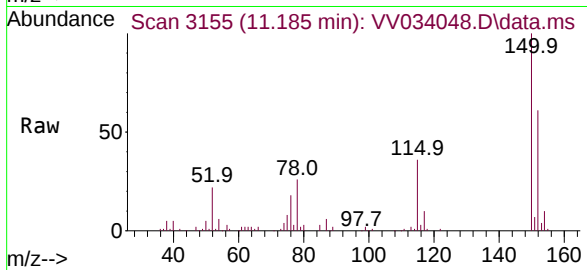
Lab File: VV034048.D

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Tgt Ion: 75 Resp: 4691

Ion Ratio Lower Upper

75 100

77 36.0 26.9 40.3

110 2.7 33.3 49.9#

