

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020624\
 Data File : VW034014.D
 Acq On : 06 Feb 2024 16:43
 Operator : SY/MD
 Sample : P1289-11 200X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 07 04:42:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 07 00:49:42 2024
 Response via : Initial Calibration

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

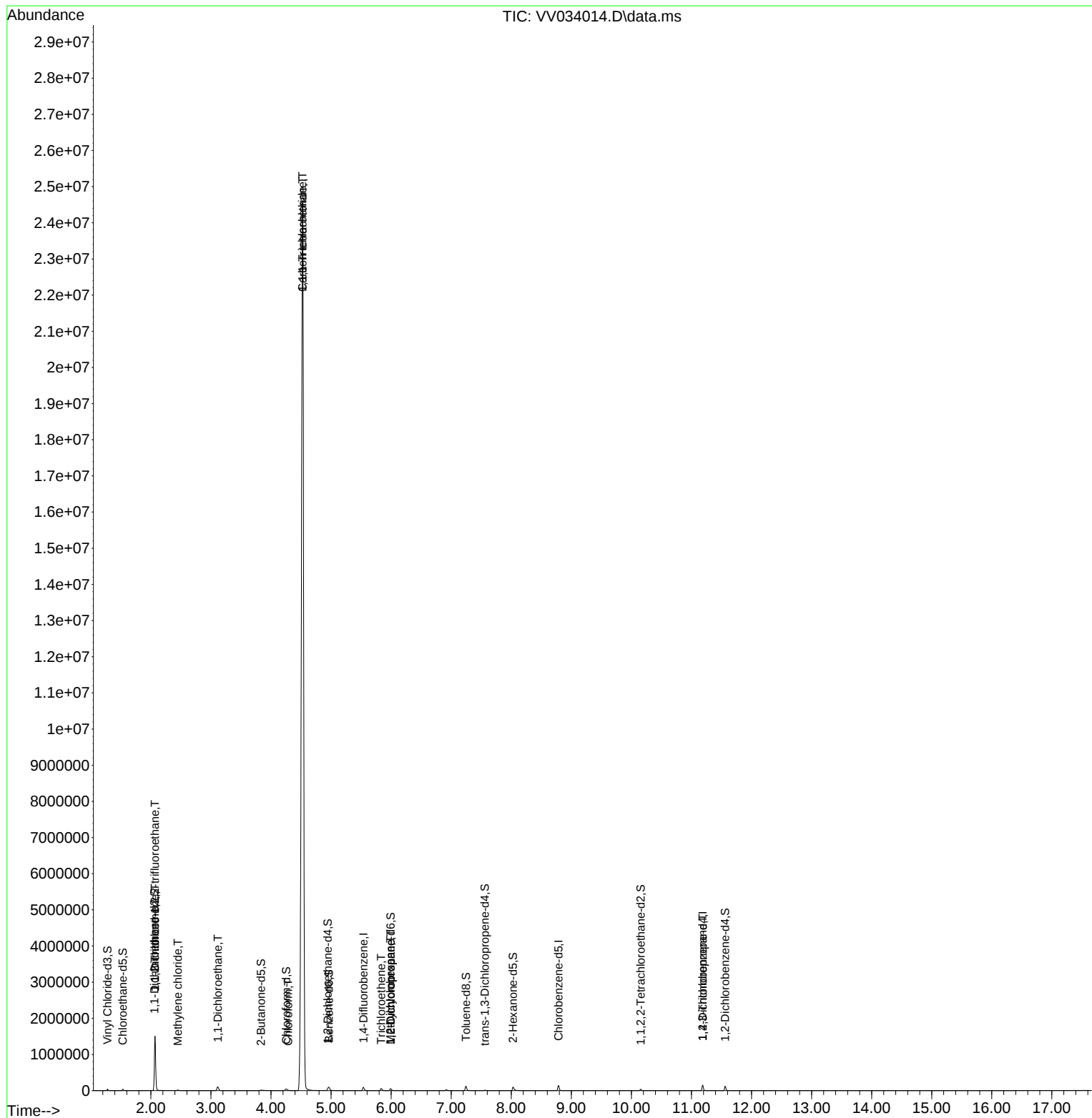
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	79624	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	78780	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	39579	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	24710	4.007	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.200%
7) Chloroethane-d5	1.532	69	23135	4.283	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.600%
11) 1,1-Dichloroethene-d2	2.060	65	12799	4.304	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.000%
20) 2-Butanone-d5	3.834	46	46662	45.055	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.100%
24) Chloroform-d	4.252	84	50256	4.485	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
26) 1,2-Dichloroethane-d4	4.947	65	22905	4.374	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
32) Benzene-d6	4.963	84	86941	3.678	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.600%
36) 1,2-Dichloropropane-d6	5.992	67	25128	3.803	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.000%
41) Toluene-d8	7.246	98	83101	3.826	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.600%
43) trans-1,3-Dichloroprop...	7.561	79	9166	3.674	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.400%
46) 2-Hexanone-d5	8.030	63	38704	43.459	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.920%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	17124	4.275	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.600%
66) 1,2-Dichlorobenzene-d4	11.561	152	30833	4.283	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.600%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	1246	0.217	ug/L #	27
12) 1,1-Dichloroethene	2.069	96	411457	73.970	ug/L #	71
16) Methylene chloride	2.449	84	6686	1.253	ug/L	94
19) 1,1-Dichloroethane	3.114	63	107841	10.359	ug/L	99
25) Chloroform	4.285	83	2450	0.233	ug/L	87
29) 1,1,1-Trichloroethane	4.526	97	19485394	1842.270	ug/L	95
31) Carbon tetrachloride	4.526	117	2585541	279.378	ug/L	99
34) Trichloroethene	5.834	95	20984	3.069	ug/L	96
35) Methylcyclohexane	5.989	83	6377	0.594	ug/L #	17
37) 1,2-Dichloropropane	5.992	63	3348	0.585	ug/L #	87
61) 1,2,3-Trichloropropane	11.188	75	4673	1.717	ug/L #	65

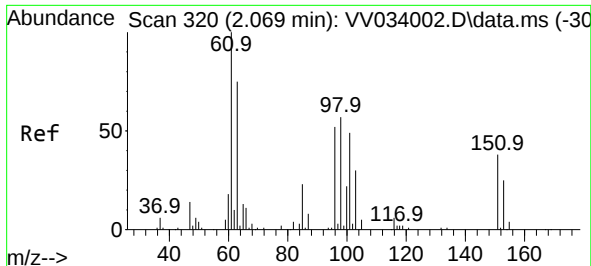
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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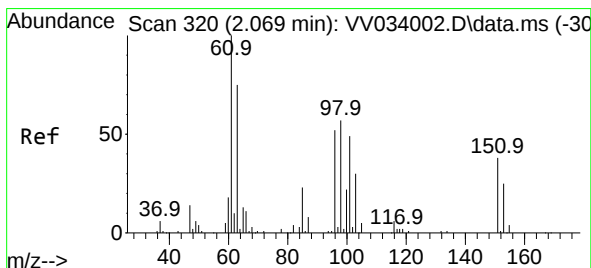
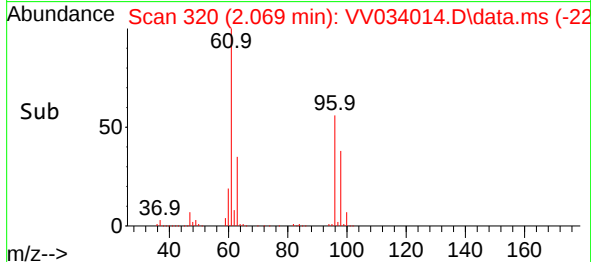
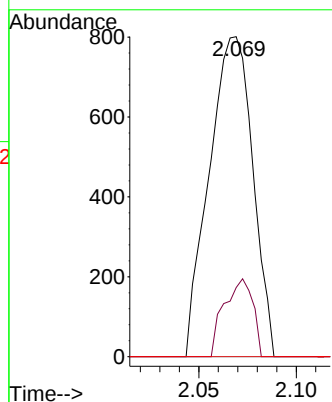
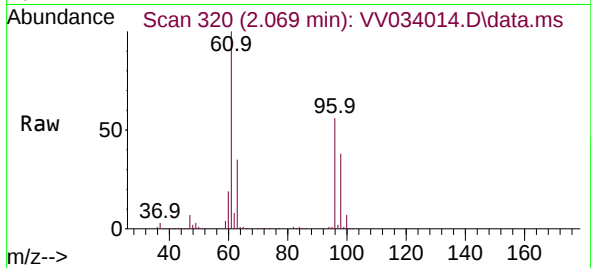




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.217 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV034014.D
 Acq: 06 Feb 2024 16:43

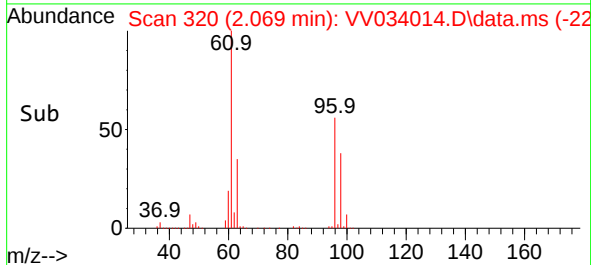
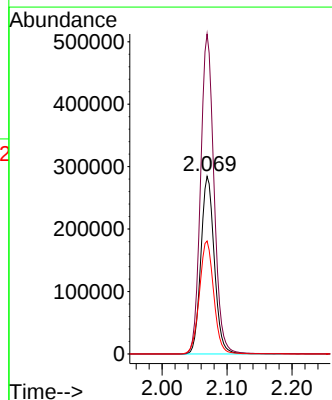
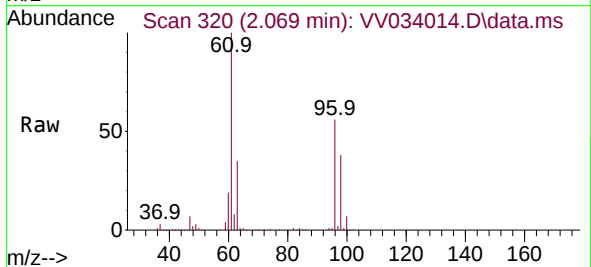
Instrument :
 MSVOA_V
 ClientSampleId :

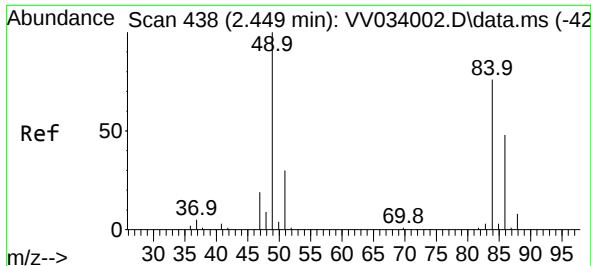
Tgt Ion:101 Resp: 1246
 Ion Ratio Lower Upper
 101 100
 85 16.0 37.1 55.7#
 151 0.0 61.7 92.5#



#12
 1,1-Dichloroethene
 Concen: 73.970 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. 0.000 min
 Lab File: VV034014.D
 Acq: 06 Feb 2024 16:43

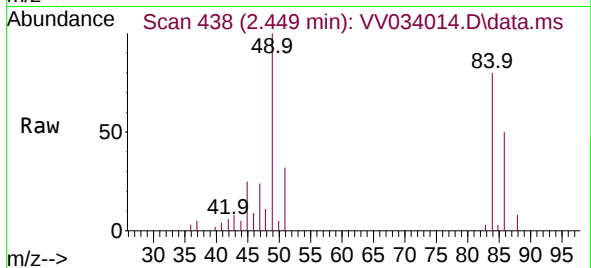
Tgt Ion: 96 Resp: 411457
 Ion Ratio Lower Upper
 96 100
 61 180.1 128.8 239.2
 63 63.6 97.9 181.9#





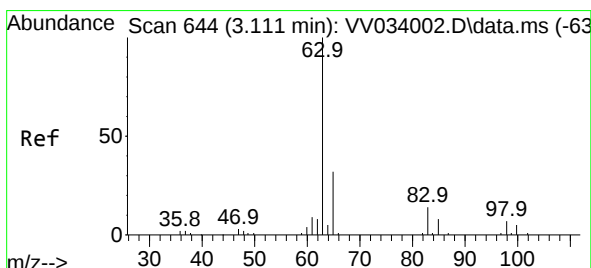
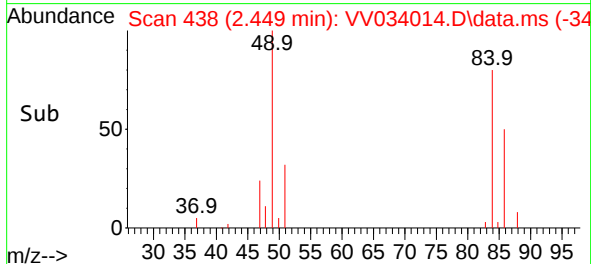
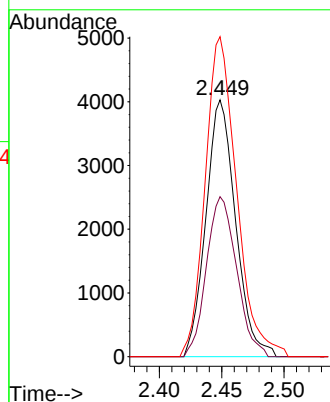
#16
Methylene chloride
Concen: 1.253 ug/L
RT: 2.449 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV034014.D
Acq: 06 Feb 2024 16:43

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 84 Resp: 6686

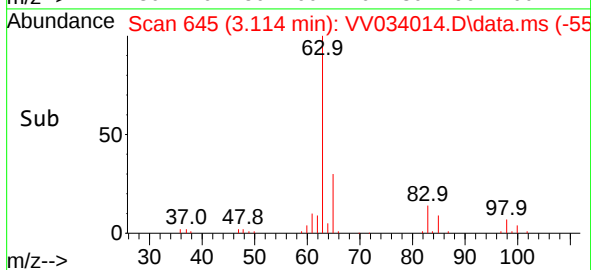
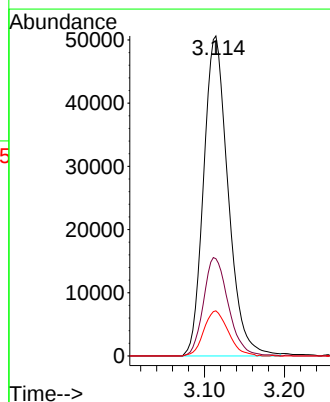
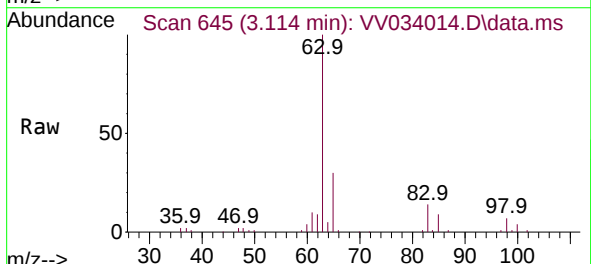
Ion	Ratio	Lower	Upper
84	100		
86	62.3	44.7	83.1
49	124.6	93.7	173.9

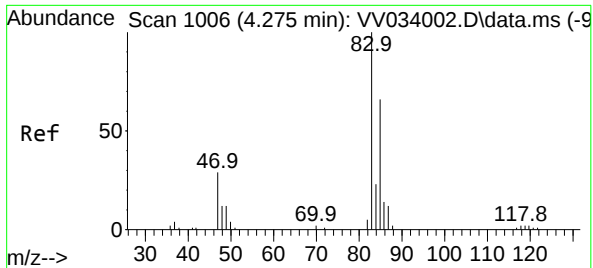


#19
1,1-Dichloroethane
Concen: 10.359 ug/L
RT: 3.114 min Scan# 645
Delta R.T. 0.003 min
Lab File: VV034014.D
Acq: 06 Feb 2024 16:43

Tgt Ion: 63 Resp: 107841

Ion	Ratio	Lower	Upper
63	100		
65	30.4	20.8	38.6
83	14.1	9.4	17.4

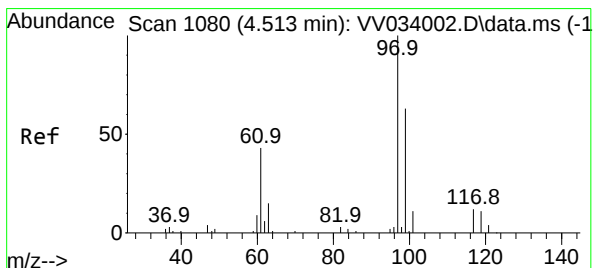
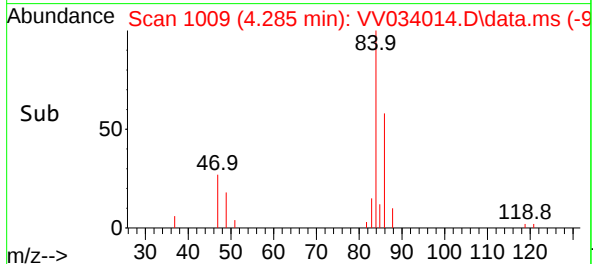
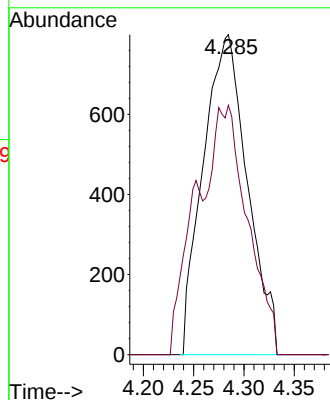
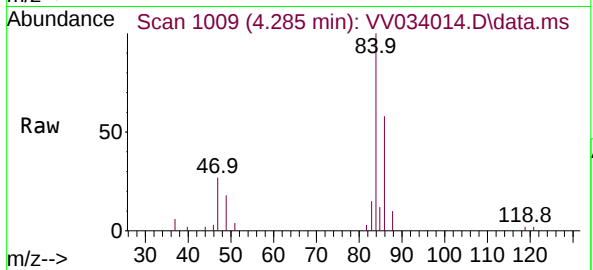




#25
Chloroform
Concen: 0.233 ug/L
RT: 4.285 min Scan# 1009
Delta R.T. 0.010 min
Lab File: VV034014.D
Acq: 06 Feb 2024 16:43

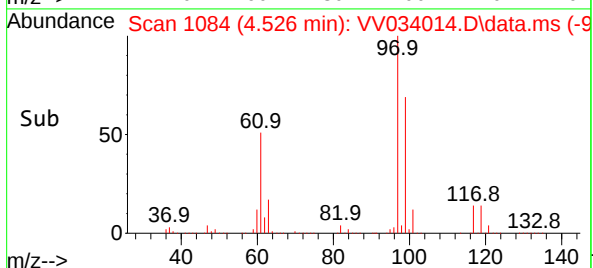
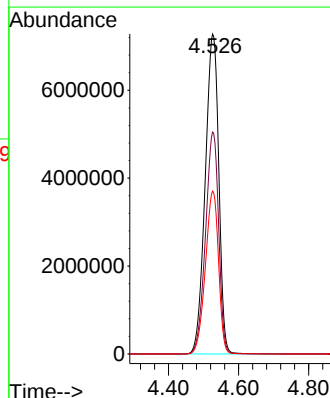
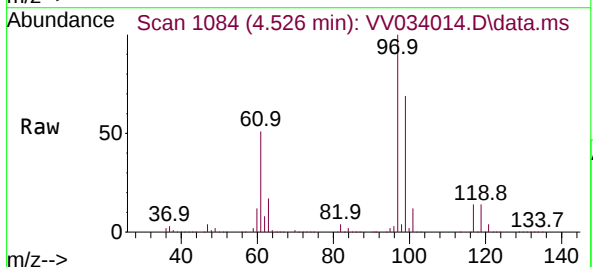
Instrument :
MSVOA_V
ClientSampleId :

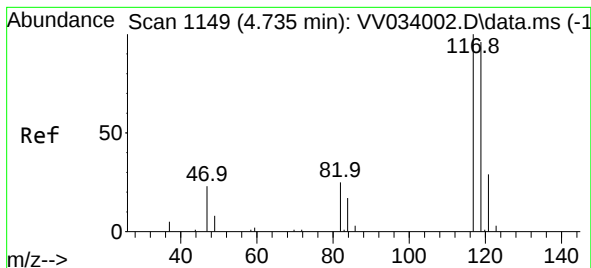
Tgt Ion: 83 Resp: 2450
Ion Ratio Lower Upper
83 100
85 78.0 47.5 88.1



#29
1,1,1-Trichloroethane
Concen: 1842.270 ug/L
RT: 4.526 min Scan# 1084
Delta R.T. 0.013 min
Lab File: VV034014.D
Acq: 06 Feb 2024 16:43

Tgt Ion: 97 Resp:19485394
Ion Ratio Lower Upper
97 100
99 67.4 50.6 75.8
61 49.2 36.8 55.2





#31

Carbon tetrachloride

Concen: 279.378 ug/L

RT: 4.526 min Scan# 1149

Delta R.T. -0.209 min

Lab File: VV034014.D

Acq: 06 Feb 2024 16:43

Instrument :

MSVOA_V

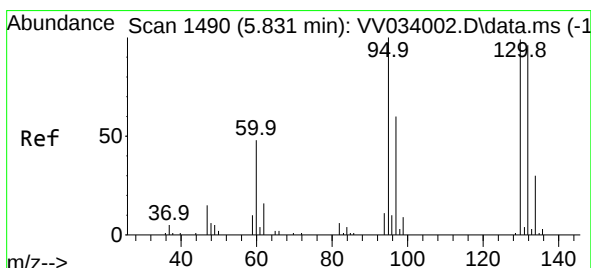
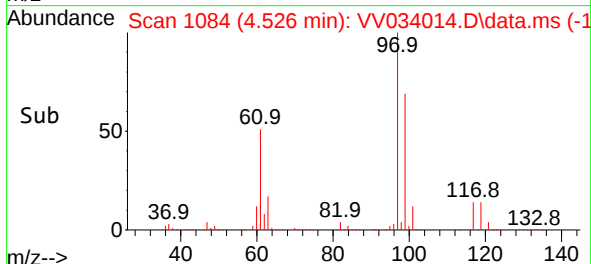
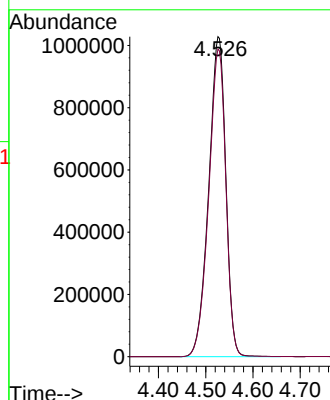
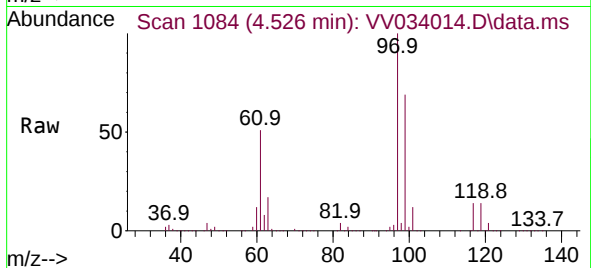
ClientSampleId :

Tgt Ion:117 Resp: 2585541

Ion Ratio Lower Upper

117 100

119 96.2 76.1 114.1



#34

Trichloroethene

Concen: 3.069 ug/L

RT: 5.834 min Scan# 1491

Delta R.T. 0.003 min

Lab File: VV034014.D

Acq: 06 Feb 2024 16:43

Tgt Ion: 95 Resp: 20984

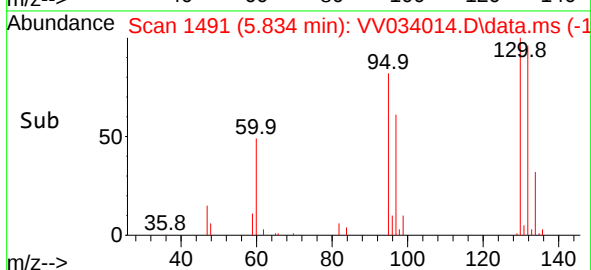
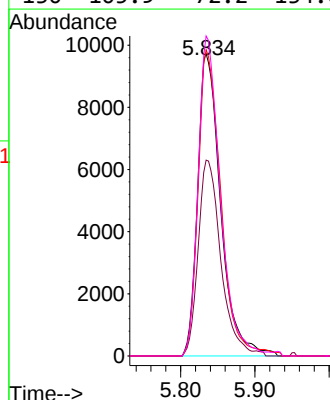
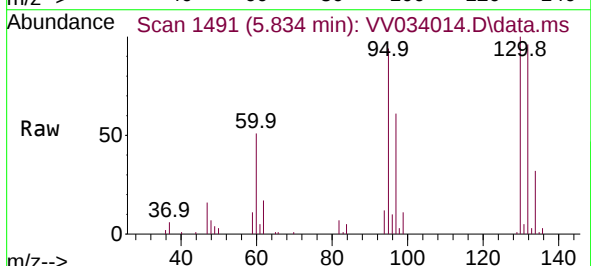
Ion Ratio Lower Upper

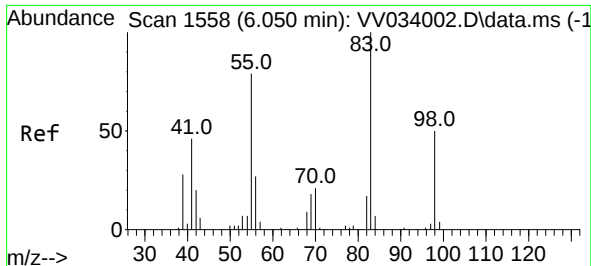
95 100

97 64.8 45.1 83.7

132 101.3 66.0 122.6

130 105.9 72.2 134.0

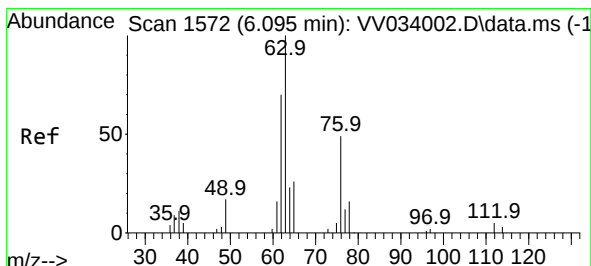
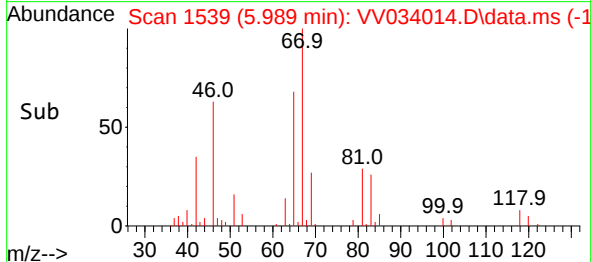
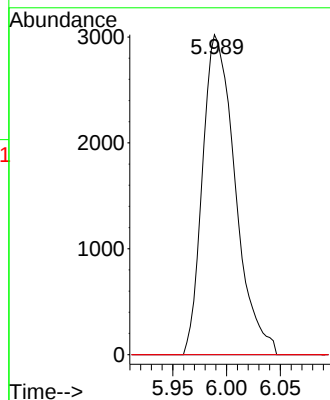
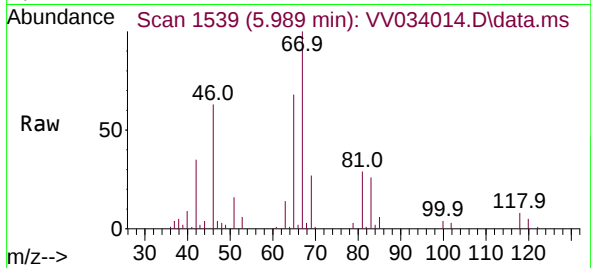




#35
Methylcyclohexane
Concen: 0.594 ug/L
RT: 5.989 min Scan# 11
Delta R.T. -0.061 min
Lab File: VV034014.D
Acq: 06 Feb 2024 16:43

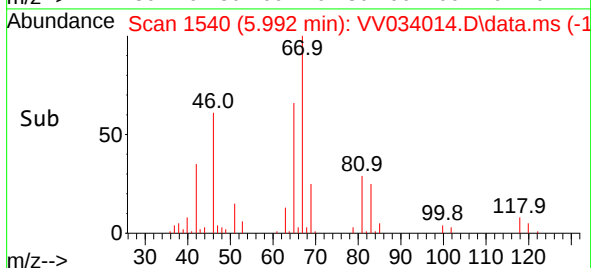
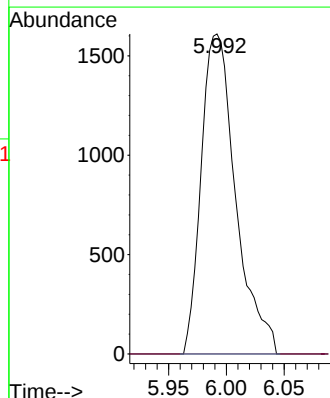
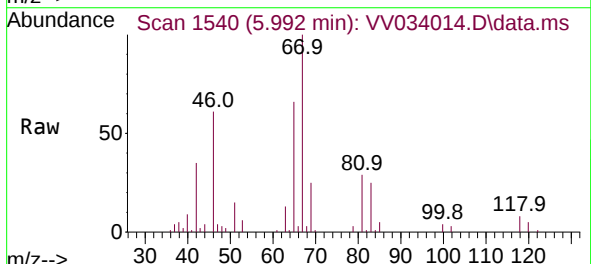
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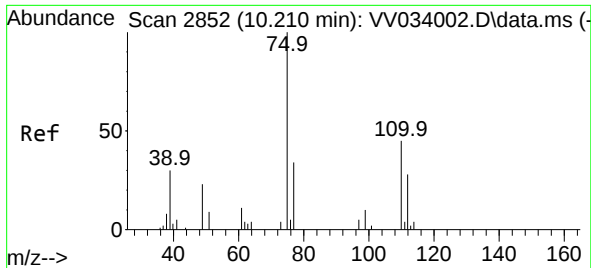
Tgt Ion: 83 Resp: 6377
Ion Ratio Lower Upper
83 100
55 0.0 63.5 95.3#
98 0.0 39.0 58.4#



#37
1,2-Dichloropropane
Concen: 0.585 ug/L
RT: 5.992 min Scan# 1540
Delta R.T. -0.103 min
Lab File: VV034014.D
Acq: 06 Feb 2024 16:43

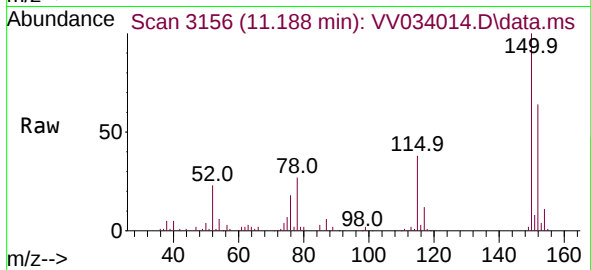
Tgt Ion: 63 Resp: 3348
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#





#61
 1,2,3-Trichloropropane
 Concen: 1.717 ug/L
 RT: 11.188 min Scan# 31
 Delta R.T. 0.978 min
 Lab File: VV034014.D
 Acq: 06 Feb 2024 16:43

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75	Resp:	4673
Ion Ratio	Lower	Upper
75	100	
77	36.3	26.9 40.3
110	3.7	33.3 49.9#

