

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061422\
 Data File : VW026244.D
 Acq On : 14 Jun 2022 18:54
 Operator : SY/MD
 Sample : N3272-14DL 10X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B58DL

Quant Time: Jun 15 05:52:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 15 05:46:56 2022
 Response via : Initial Calibration

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

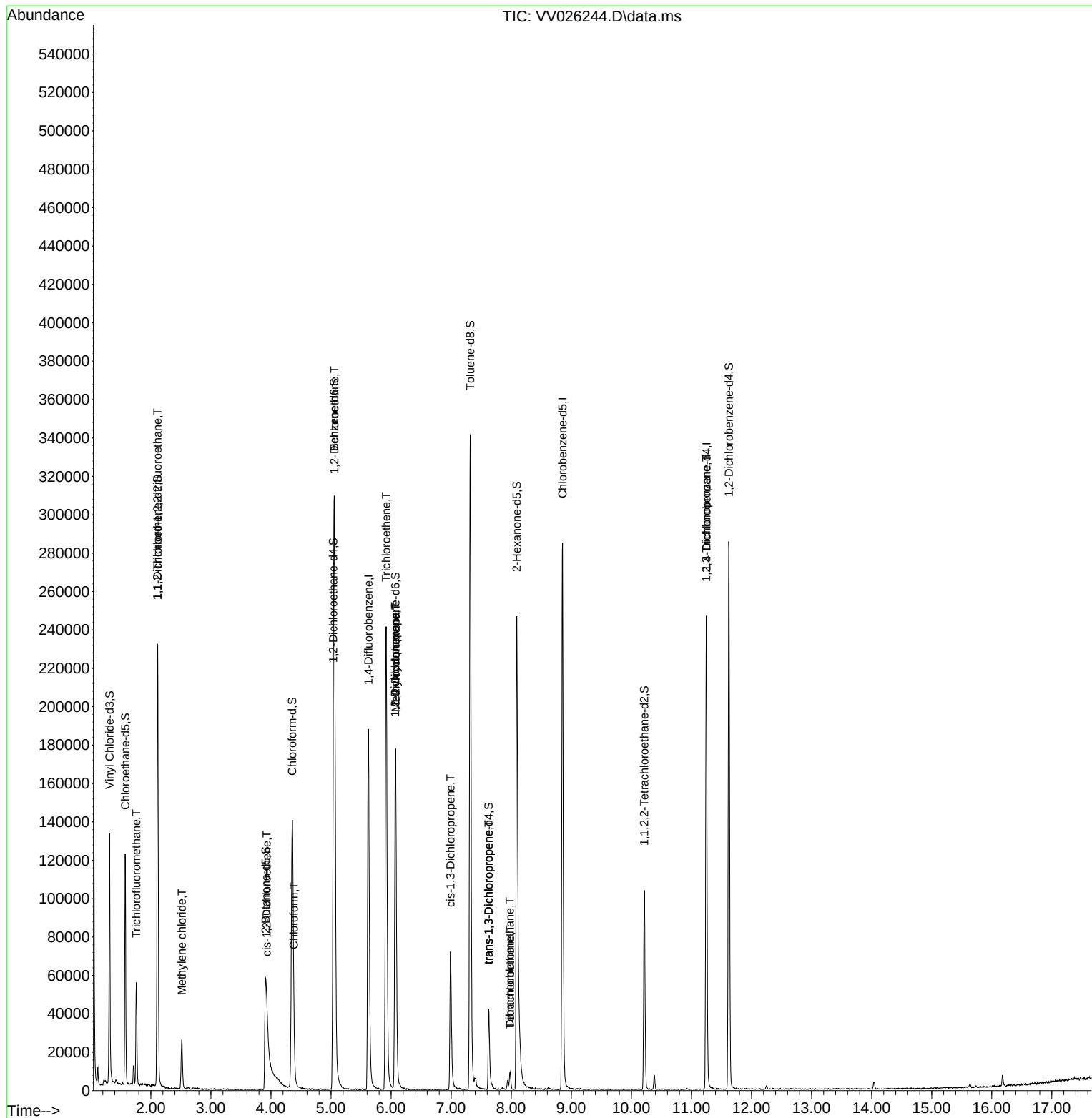
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	168774	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	162829	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	66916	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.314	65	89986	4.077	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.600%
7) Chloroethane-d5	1.574	69	78281	4.503	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.000%
11) 1,1-Dichloroethene-d2	2.111	63	122396	3.449	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.000%
20) 2-Butanone-d5	3.912	46	111585	67.767	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	135.540%#
24) Chloroform-d	4.355	84	151755	4.848	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
26) 1,2-Dichloroethane-d4	5.037	65	66533	5.272	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.400%
32) Benzene-d6	5.053	84	293309	4.621	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
36) 1,2-Dichloropropane-d6	6.072	67	90486	4.943	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.800%
41) Toluene-d8	7.317	98	233223	4.126	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.600%
43) trans-1,3-Dichloroprop...	7.625	79	25997	4.705	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.200%
46) 2-Hexanone-d5	8.092	63	90582	52.654	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.300%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	53863	4.939	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	76022	5.068	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.400%
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.757	101	30770	1.296	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	1208	0.090	ug/L #	21
16) Methylene chloride	2.516	84	11027	0.829	ug/L	96
22) cis-1,2-Dichloroethene	3.931	96	515	0.041	ug/L #	57
25) Chloroform	4.381	83	4018	0.162	ug/L	99
27) 1,2-Dichloroethane	5.056	62	1539	0.133	ug/L #	73
34) Trichloroethene	5.918	95	87189	6.555	ug/L	96
35) Methylcyclohexane	6.076	83	21541	1.198	ug/L #	20
37) 1,2-Dichloropropane	6.069	63	9657	0.757	ug/L #	85
39) cis-1,3-Dichloropropene	6.989	75	1914	0.134	ug/L #	19
44) trans-1,3-Dichloropropene	7.625	75	898	0.080	ug/L #	43
47) Tetrachloroethene	7.982	164	2038	0.213	ug/L	89
49) Dibromochloromethane	7.979	129	2098	0.239	ug/L #	13
61) 1,2,3-Trichloropropane	11.246	75	7928	1.545	ug/L #	62

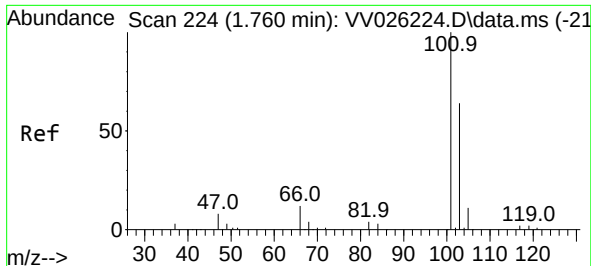
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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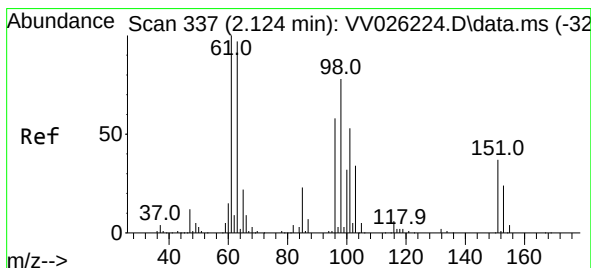
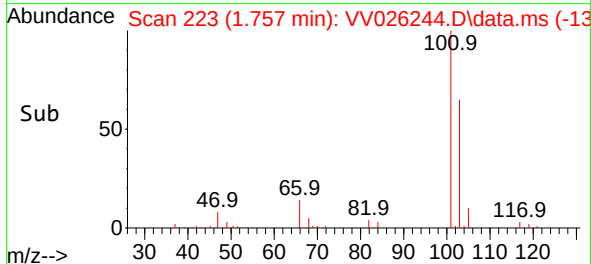
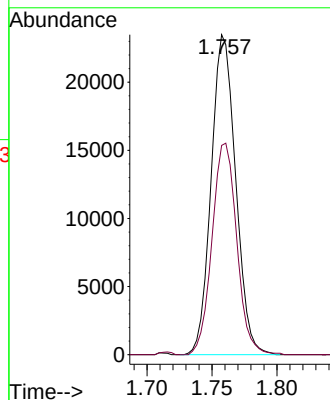
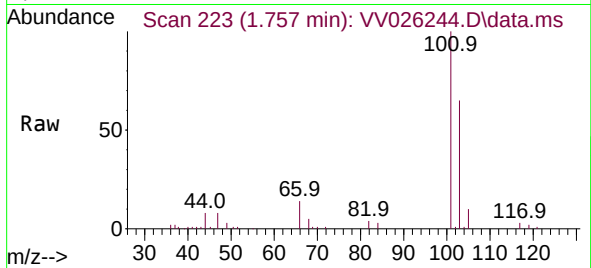




#9
 Trichlorofluoromethane
 Concen: 1.296 ug/L
 RT: 1.757 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VV026244.D
 Acq: 14 Jun 2022 18:54

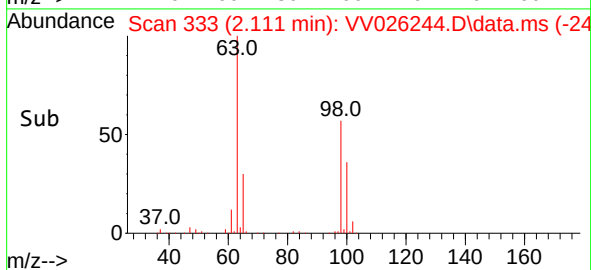
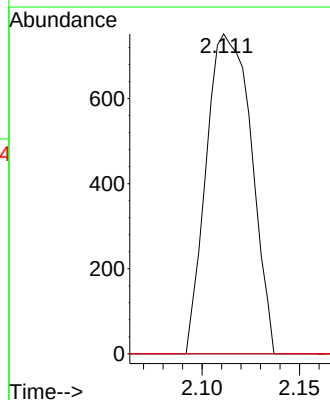
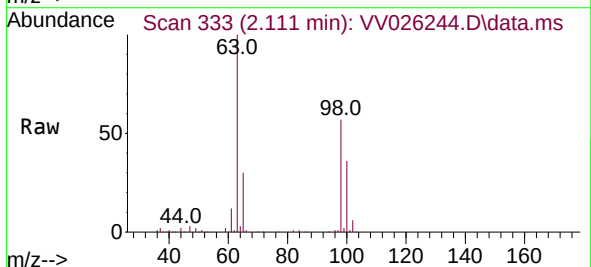
Instrument :
 MSVOA_V
 ClientSampleId :
 C0B58DL

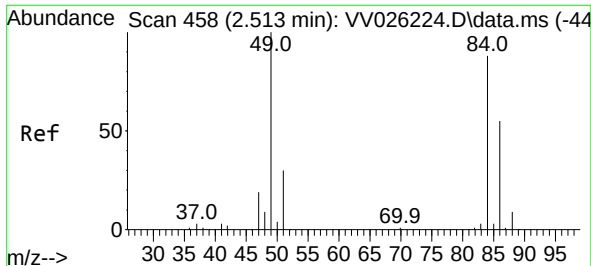
Tgt Ion:101 Resp: 30770
 Ion Ratio Lower Upper
 101 100
 103 66.7 52.9 79.3



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.090 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.013 min
 Lab File: VV026244.D
 Acq: 14 Jun 2022 18:54

Tgt Ion:101 Resp: 1208
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.3 52.9#
 151 0.0 56.5 84.7#

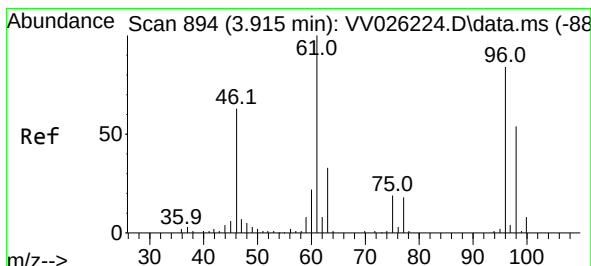
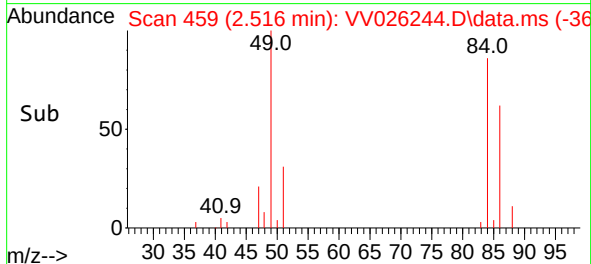
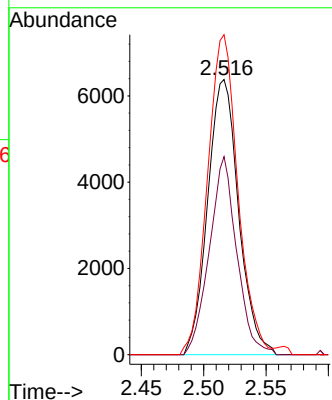
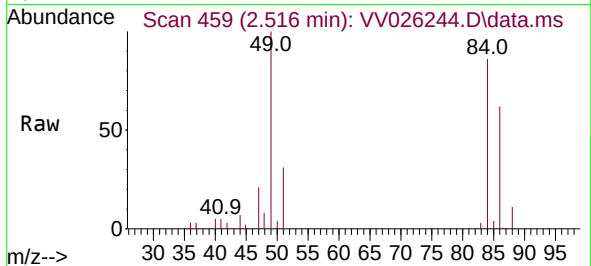




#16
Methylene chloride
Concen: 0.829 ug/L
RT: 2.516 min Scan# 411
Delta R.T. 0.003 min
Lab File: VV026244.D
Acq: 14 Jun 2022 18:54

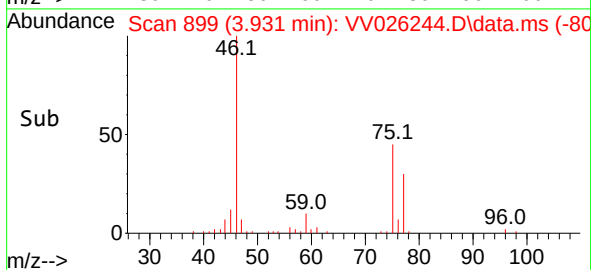
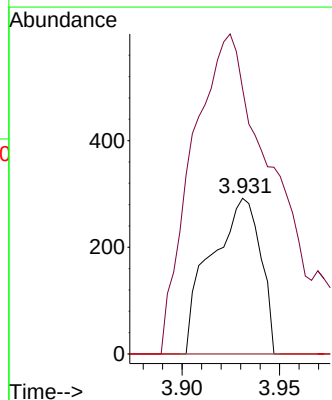
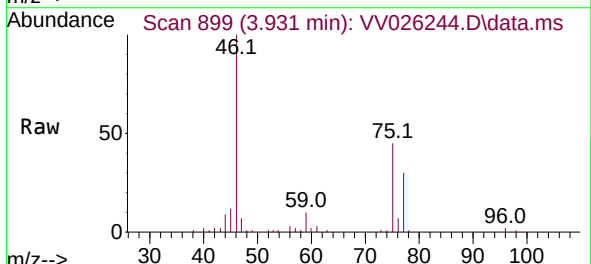
Instrument :
MSVOA_V
ClientSampleId :
C0B58DL

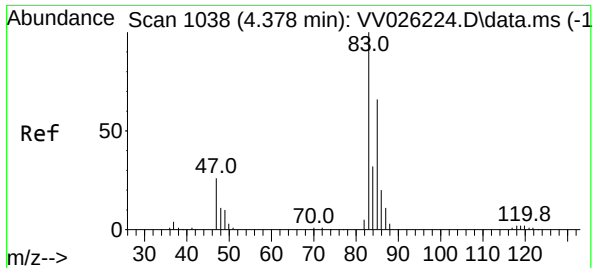
Tgt Ion: 84 Resp: 11027
Ion Ratio Lower Upper
84 100
86 72.0 45.1 83.7
49 116.3 82.3 152.9



#22
cis-1,2-Dichloroethene
Concen: 0.041 ug/L
RT: 3.931 min Scan# 899
Delta R.T. 0.016 min
Lab File: VV026244.D
Acq: 14 Jun 2022 18:54

Tgt Ion: 96 Resp: 515
Ion Ratio Lower Upper
96 100
61 170.2 85.2 158.2#
68 0.0 0.0 0.0

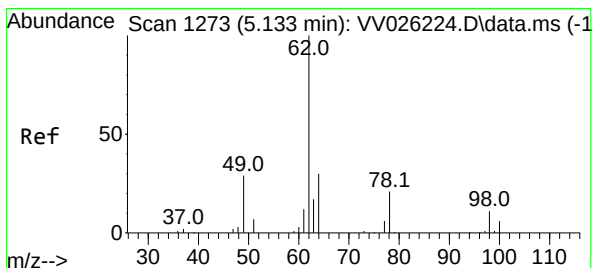
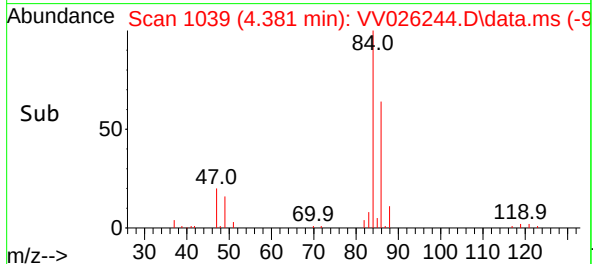
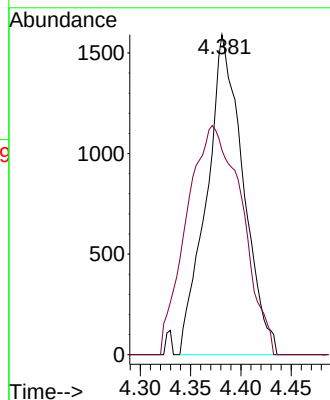
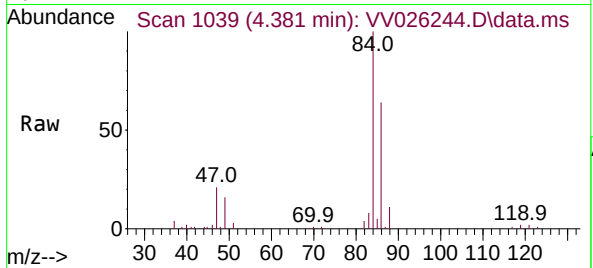




#25
Chloroform
Concen: 0.162 ug/L
RT: 4.381 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VV026224.D
Acq: 14 Jun 2022 18:54

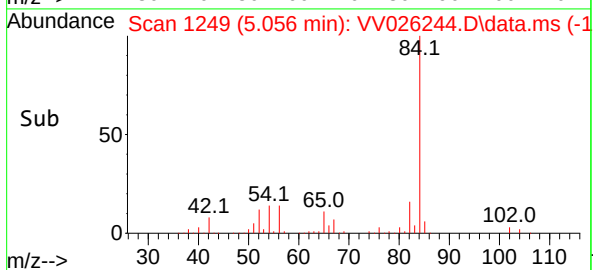
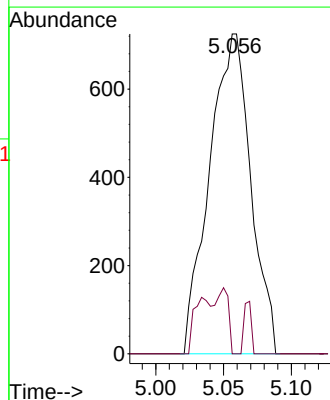
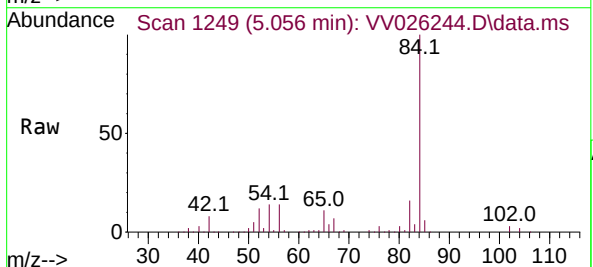
Instrument :
MSVOA_V
ClientSampleId :
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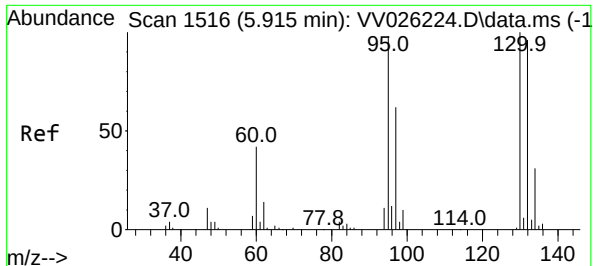
Tgt Ion: 83 Resp: 4018
Ion Ratio Lower Upper
83 100
85 63.9 45.3 84.1



#27
1,2-Dichloroethane
Concen: 0.133 ug/L
RT: 5.056 min Scan# 1249
Delta R.T. -0.077 min
Lab File: VV026224.D
Acq: 14 Jun 2022 18:54

Tgt Ion: 62 Resp: 1539
Ion Ratio Lower Upper
62 100
98 0.0 7.9 11.9#



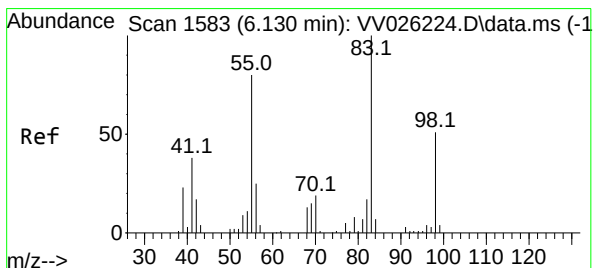
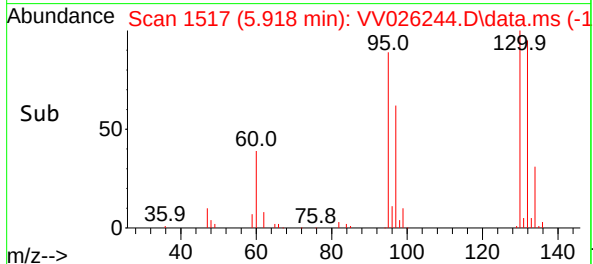
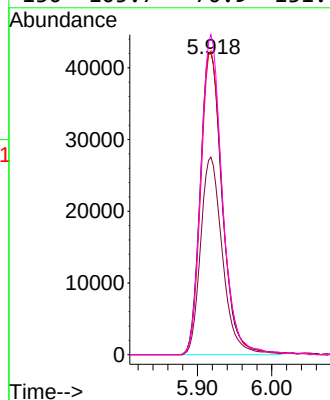
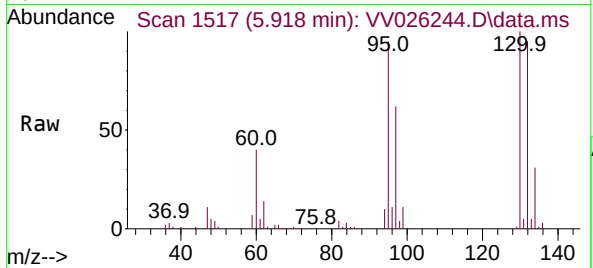


#34
Trichloroethene
Concen: 6.555 ug/L
RT: 5.918 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV026244.D
Acq: 14 Jun 2022 18:54

Instrument :
MSVOA_V
ClientSampleId :
C0B58DL

Tgt Ion: 95 Resp: 87189

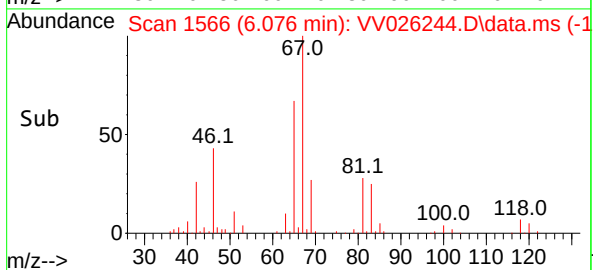
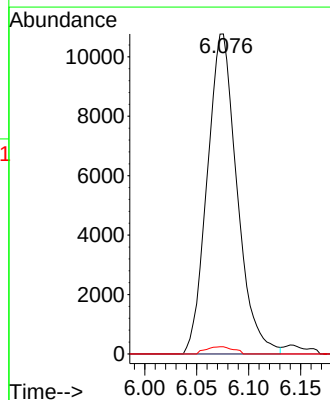
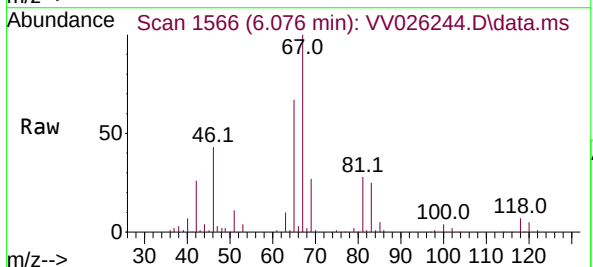
Ion	Ratio	Lower	Upper
95	100		
97	65.3	43.3	80.3
132	100.3	67.5	125.4
130	105.7	70.9	131.7

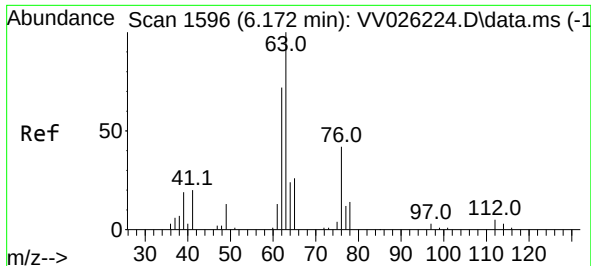


#35
Methylcyclohexane
Concen: 1.198 ug/L
RT: 6.076 min Scan# 1566
Delta R.T. -0.054 min
Lab File: VV026244.D
Acq: 14 Jun 2022 18:54

Tgt Ion: 83 Resp: 21541

Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.5	89.3#
98	2.1	38.4	57.6#





#37

1,2-Dichloropropane

Concen: 0.757 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV026244.D

Acq: 14 Jun 2022 18:54

Instrument :

MSVOA_V

ClientSampleId :

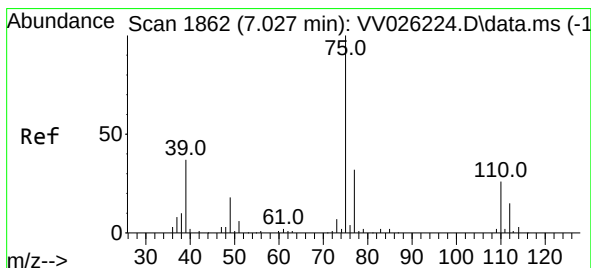
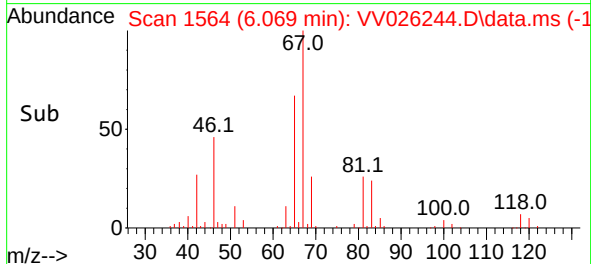
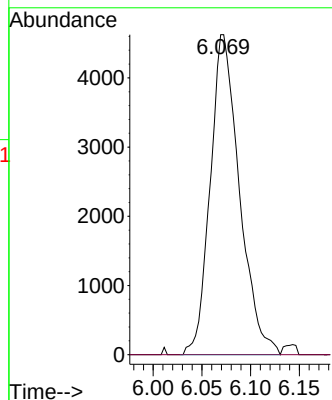
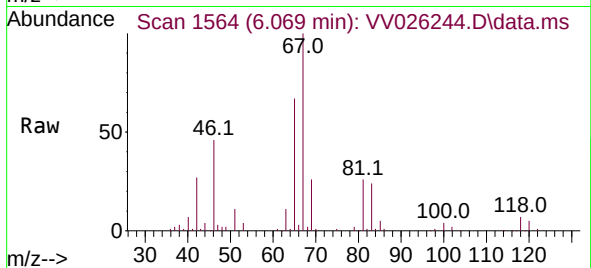
C0B58DL

Tgt Ion: 63 Resp: 9657

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#



#39

cis-1,3-Dichloropropene

Concen: 0.134 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.038 min

Lab File: VV026244.D

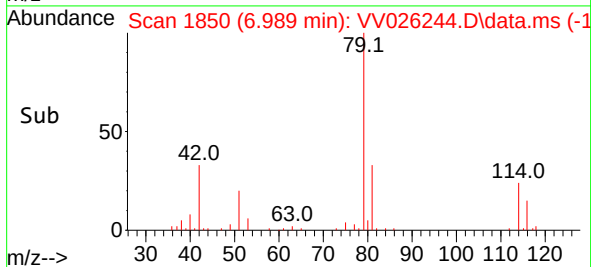
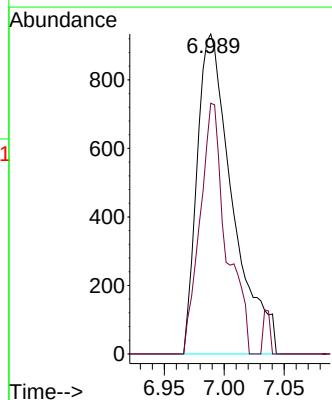
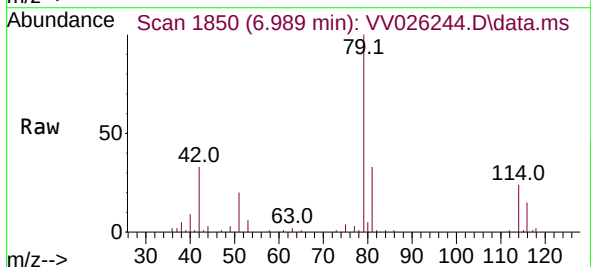
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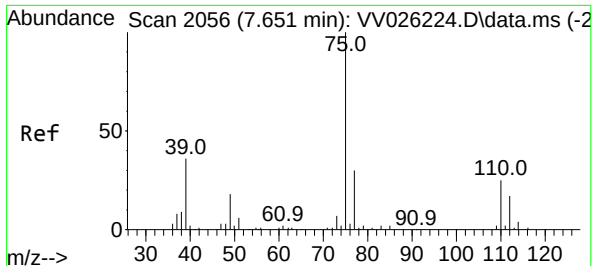
Tgt Ion: 75 Resp: 1914

Ion Ratio Lower Upper

75 100

77 78.4 22.9 42.5#

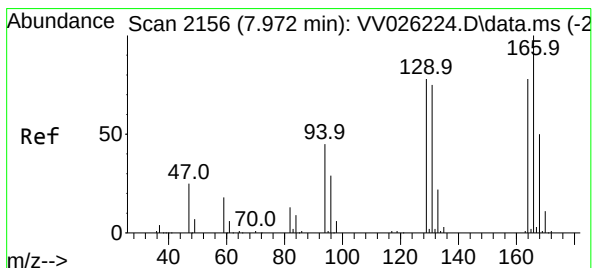
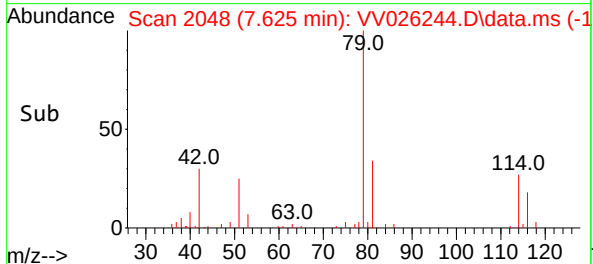
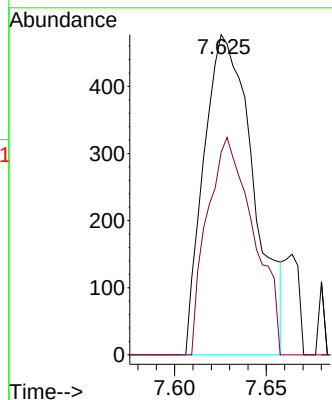
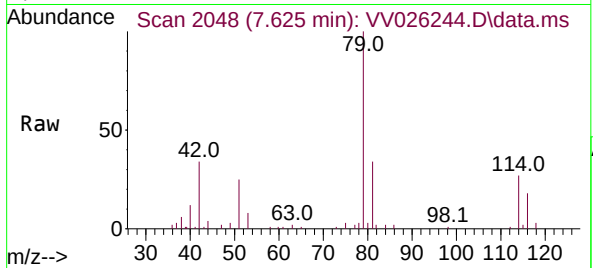




#44
trans-1,3-Dichloropropene
Concen: 0.080 ug/L
RT: 7.625 min Scan# 2048
Delta R.T. -0.026 min
Lab File: VV026244.D
Acq: 14 Jun 2022 18:54

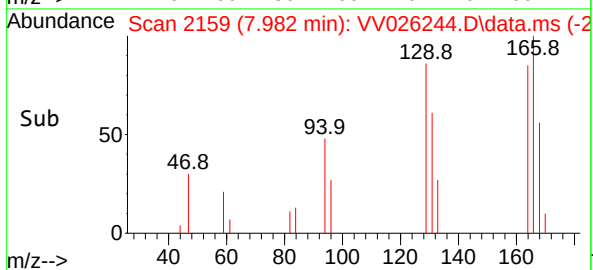
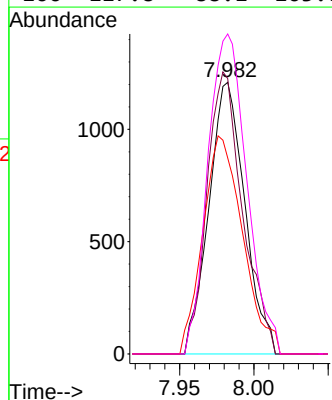
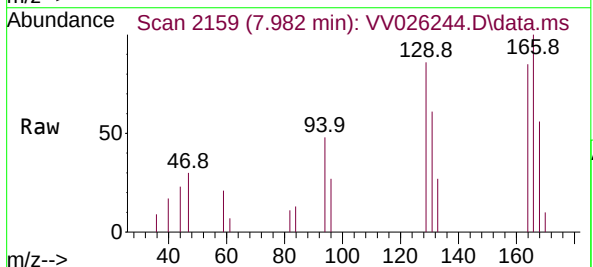
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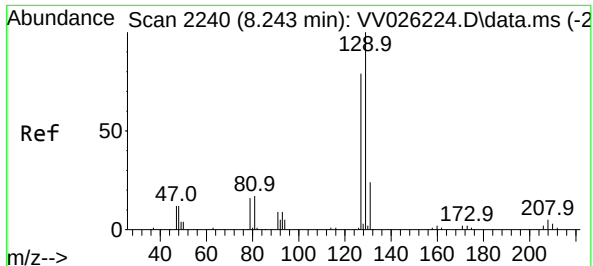
Tgt Ion: 75 Resp: 898
Ion Ratio Lower Upper
75 100
77 63.3 22.3 41.3#



#47
Tetrachloroethene
Concen: 0.213 ug/L
RT: 7.982 min Scan# 2159
Delta R.T. 0.010 min
Lab File: VV026244.D
Acq: 14 Jun 2022 18:54

Tgt Ion:164 Resp: 2038
Ion Ratio Lower Upper
164 100
129 101.3 66.1 122.7
131 72.1 65.0 120.6
166 117.8 88.1 163.7





#49

Dibromochloromethane

Concen: 0.239 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.263 min

Lab File: VV026244.D

Acq: 14 Jun 2022 18:54

Instrument :

MSVOA_V

ClientSampleId :

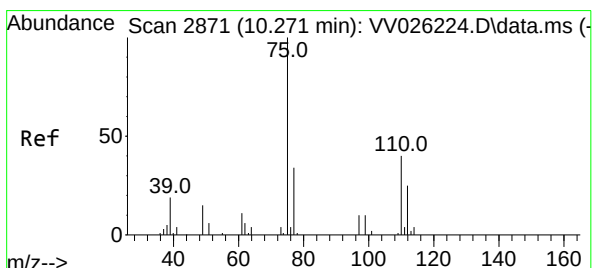
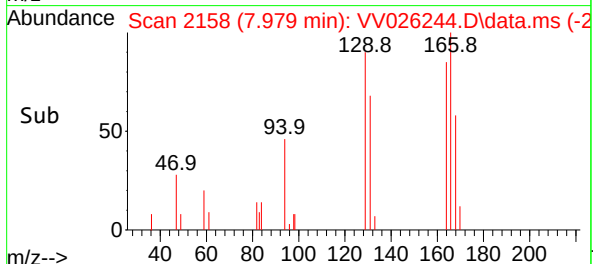
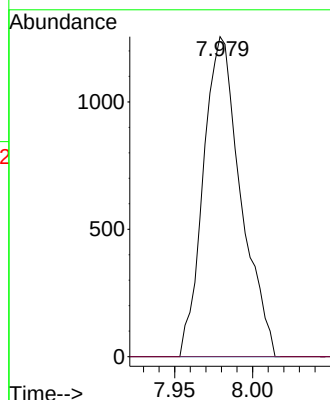
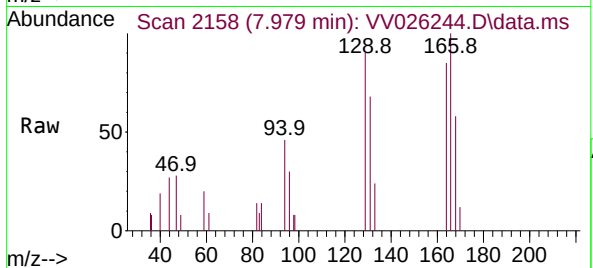
C0B58DL

Tgt Ion:129 Resp: 2098

Ion Ratio Lower Upper

129 100

127 0.0 50.9 94.5#



#61

1,2,3-Trichloropropane

Concen: 1.545 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV026244.D

Acq: 14 Jun 2022 18:54

Tgt Ion: 75 Resp: 7928

Ion Ratio Lower Upper

75 100

77 30.3 27.8 41.8

110 1.6 33.0 49.4#

