

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061422\
 Data File : VW026241.D
 Acq On : 14 Jun 2022 16:54
 Operator : SY/MD
 Sample : N3277-19 1000X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0BC6

Quant Time: Jun 15 05:51:48 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)

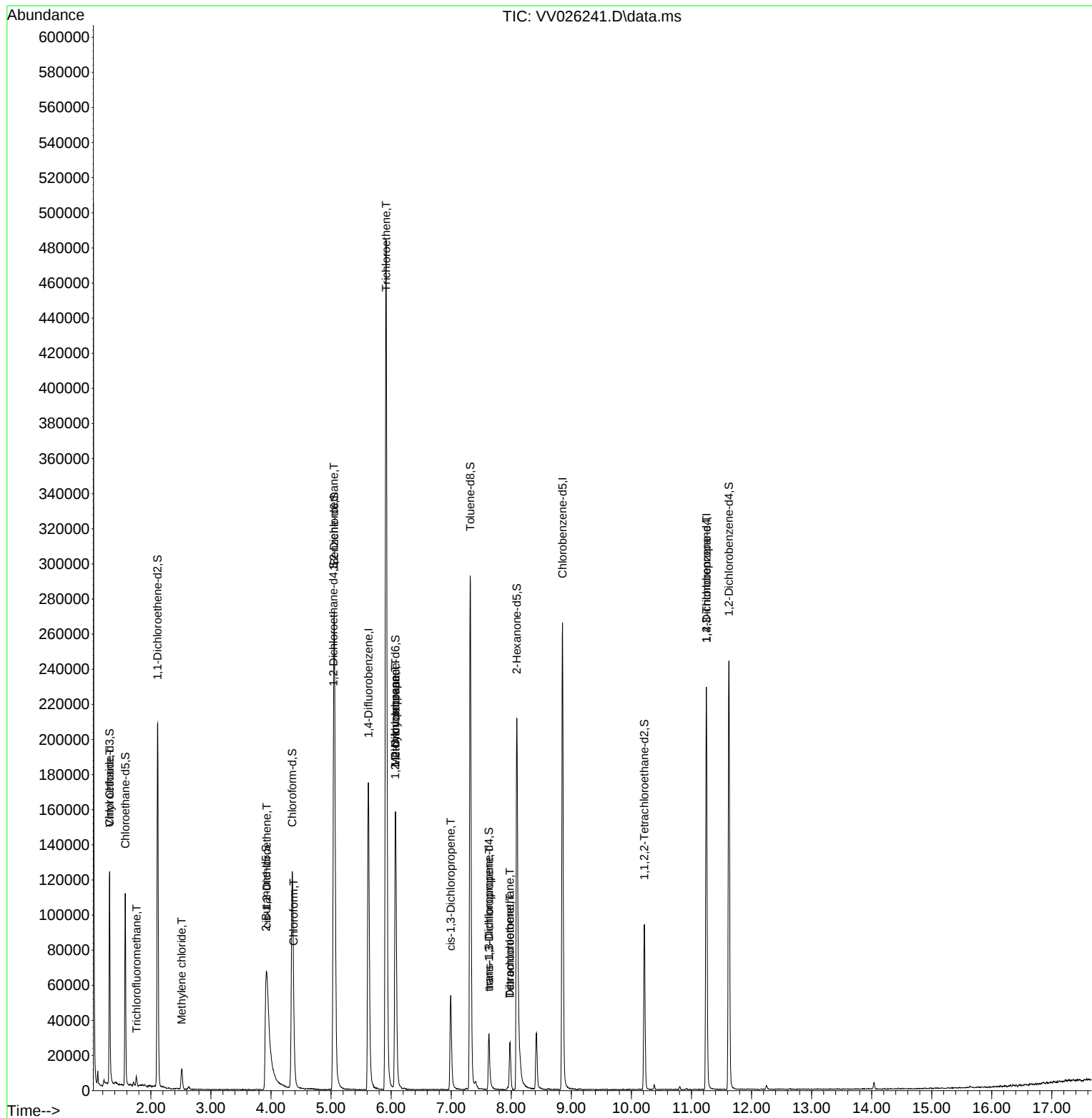
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	158976	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	154314	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	62966	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.314	65	85833	4.129	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.600%
7) Chloroethane-d5	1.574	69	70460	4.303	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.000%
11) 1,1-Dichloroethene-d2	2.111	63	108876	3.257	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.200%
20) 2-Butanone-d5	3.918	46	112313	72.413	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	144.820%#
24) Chloroform-d	4.355	84	134132	4.549	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
26) 1,2-Dichloroethane-d4	5.040	65	59004	4.964	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	5.053	84	255470	4.247	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
36) 1,2-Dichloropropane-d6	6.072	67	80106	4.618	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.400%
41) Toluene-d8	7.317	98	201290	3.758	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.200%
43) trans-1,3-Dichloroprop...	7.628	79	19964	3.813	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.200%
46) 2-Hexanone-d5	8.091	63	76994	47.225	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.460%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	47207	4.567	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	65304	4.627	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.600%
Target Compounds						
					Qvalue	
8) Chloroethane	1.314	64	855	0.083	ug/L #	1
9) Trichlorofluoromethane	1.761	101	2841	0.127	ug/L	98
16) Methylene chloride	2.513	84	5137	0.410	ug/L	87
22) cis-1,2-Dichloroethene	3.931	96	343	0.029	ug/L #	1
25) Chloroform	4.378	83	3007	0.129	ug/L	92
27) 1,2-Dichloroethane	5.050	62	1465	0.135	ug/L #	73
34) Trichloroethene	5.915	95	173861	13.793	ug/L	98
35) Methylcyclohexane	6.072	83	19213	1.127	ug/L #	20
37) 1,2-Dichloropropane	6.069	63	7967	0.659	ug/L #	85
39) cis-1,3-Dichloropropene	6.992	75	1502	0.111	ug/L #	63
44) trans-1,3-Dichloropropene	7.632	75	879	0.083	ug/L	93
47) Tetrachloroethene	7.979	164	6408	0.708	ug/L	90
49) Dibromochloromethane	7.979	129	5800	0.698	ug/L #	13
61) 1,2,3-Trichloropropane	11.249	75	7032	1.456	ug/L #	64

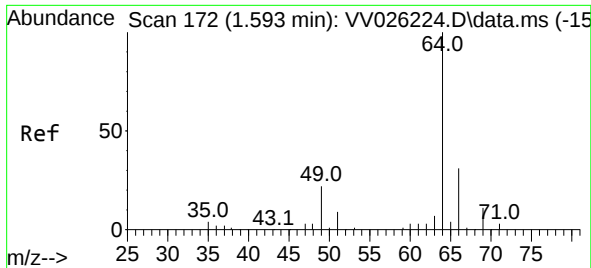
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.083 ug/L

RT: 1.314 min Scan# 81

Delta R.T. -0.280 min

Lab File: VV026241.D

Acq: 14 Jun 2022 16:54

Instrument :

MSVOA_V

ClientSampleId :

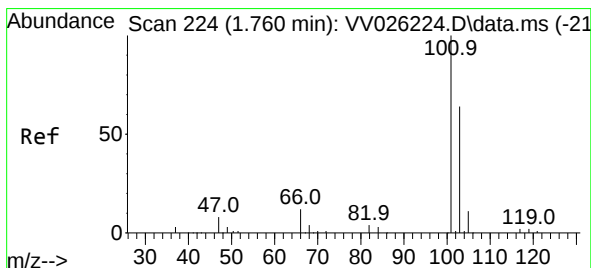
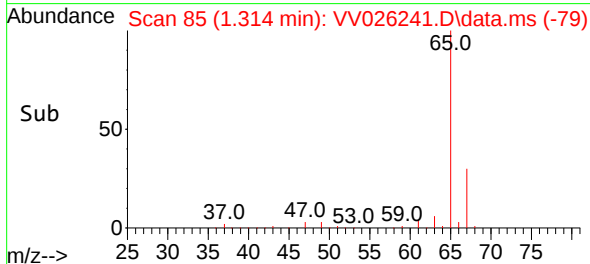
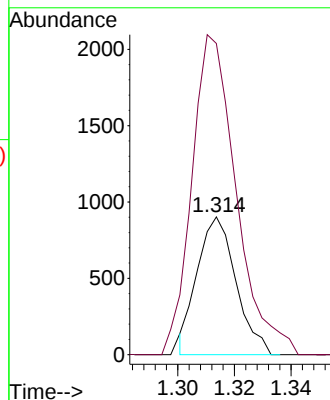
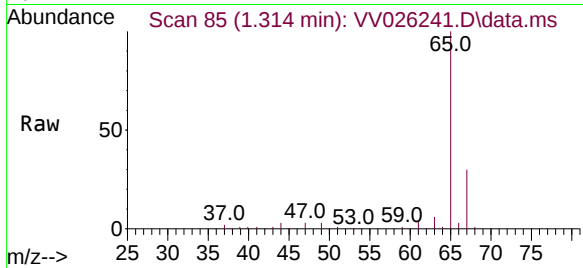
C0BC6

Tgt Ion: 64 Resp: 855

Ion Ratio Lower Upper

64 100

66 225.9 22.4 41.6#



#9

Trichlorofluoromethane

Concen: 0.127 ug/L

RT: 1.761 min Scan# 224

Delta R.T. 0.000 min

Lab File: VV026241.D

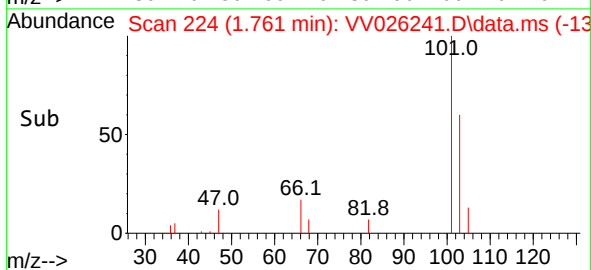
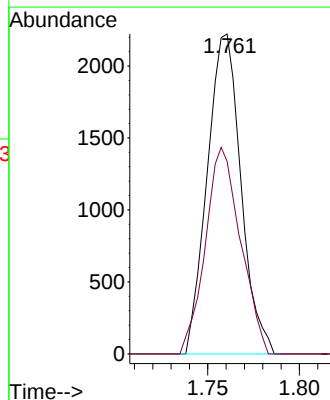
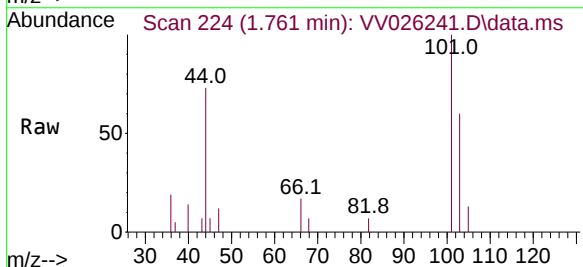
Acq: 14 Jun 2022 16:54

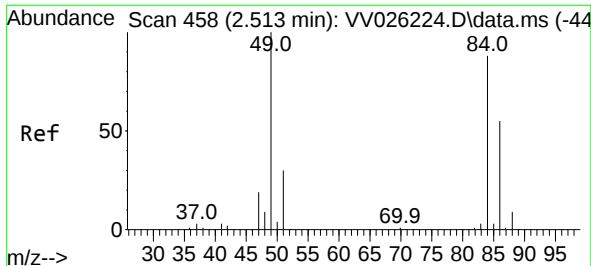
Tgt Ion:101 Resp: 2841

Ion Ratio Lower Upper

101 100

103 67.3 52.9 79.3

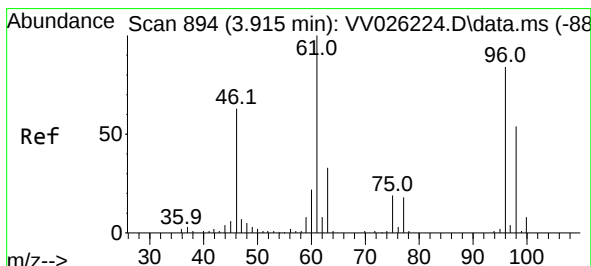
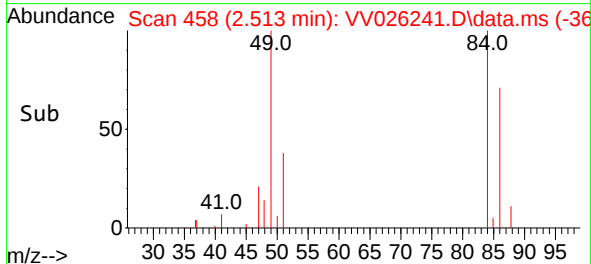
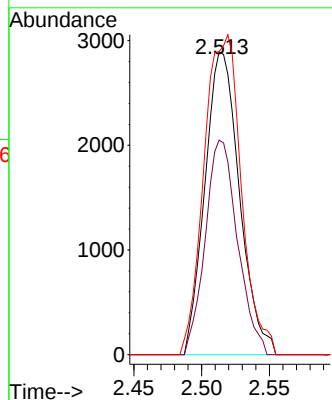
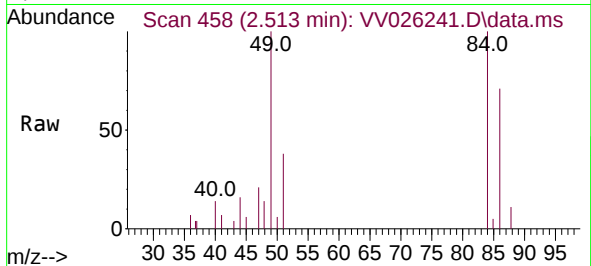




#16
Methylene chloride
Concen: 0.410 ug/L
RT: 2.513 min Scan# 411
Delta R.T. 0.000 min
Lab File: VV026241.D
Acq: 14 Jun 2022 16:54

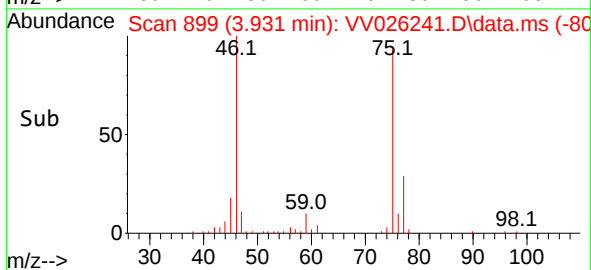
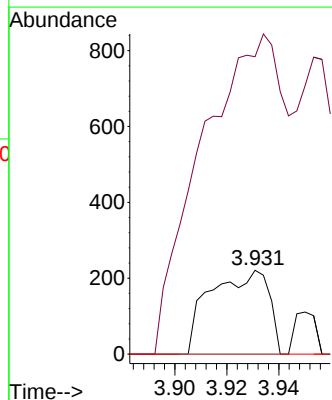
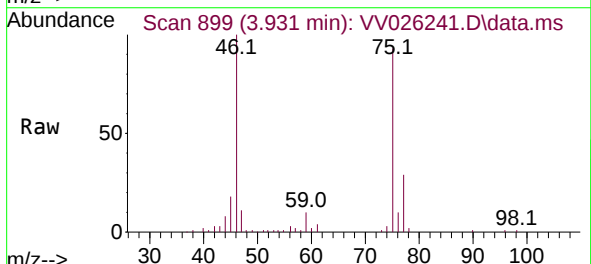
Instrument :
MSVOA_V
ClientSampleId :
C0BC6

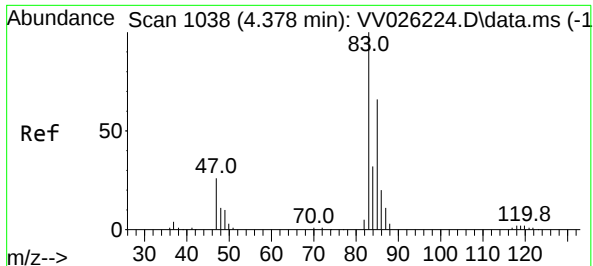
Tgt Ion: 84 Resp: 5137
Ion Ratio Lower Upper
84 100
86 70.8 45.1 83.7
49 100.1 82.3 152.9



#22
cis-1,2-Dichloroethene
Concen: 0.029 ug/L
RT: 3.931 min Scan# 899
Delta R.T. 0.016 min
Lab File: VV026241.D
Acq: 14 Jun 2022 16:54

Tgt Ion: 96 Resp: 343
Ion Ratio Lower Upper
96 100
61 354.8 85.2 158.2#
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.129 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VV026241.D

Acq: 14 Jun 2022 16:54

Instrument :

MSVOA_V

ClientSampleId :

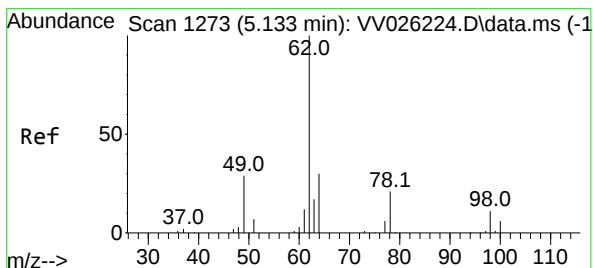
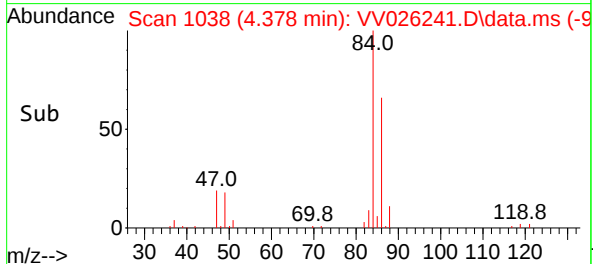
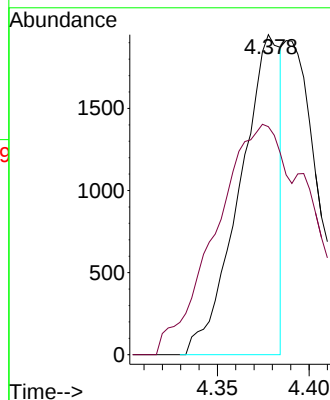
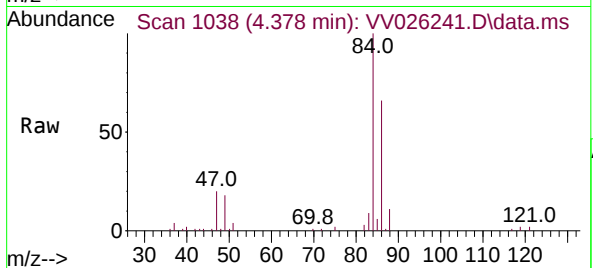
C0BC6

Tgt Ion: 83 Resp: 3007

Ion Ratio Lower Upper

83 100

85 71.3 45.3 84.1



#27

1,2-Dichloroethane

Concen: 0.135 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. -0.084 min

Lab File: VV026241.D

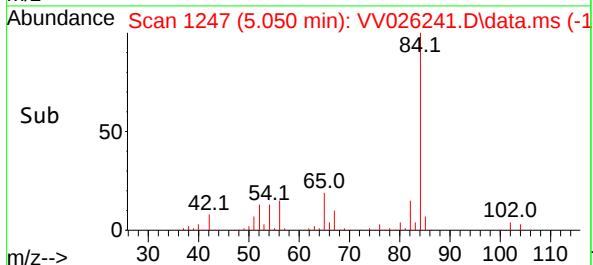
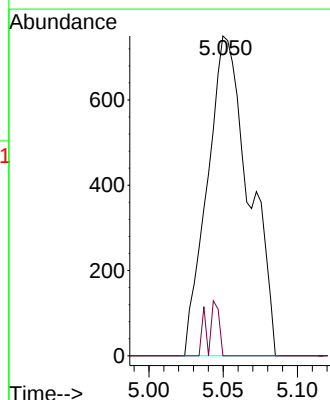
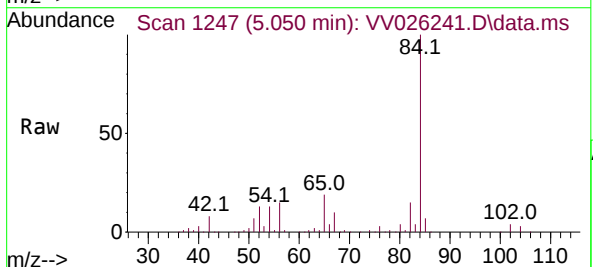
Acq: 14 Jun 2022 16:54

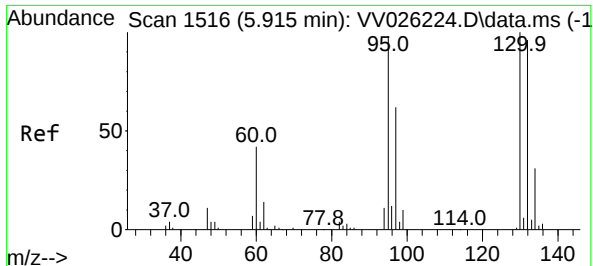
Tgt Ion: 62 Resp: 1465

Ion Ratio Lower Upper

62 100

98 0.0 7.9 11.9#



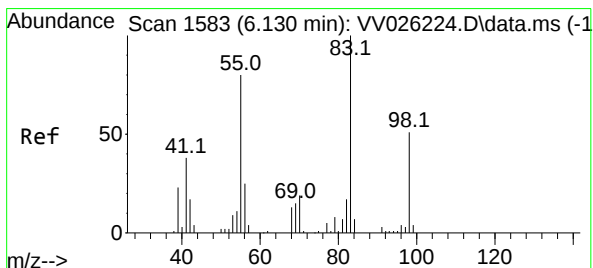
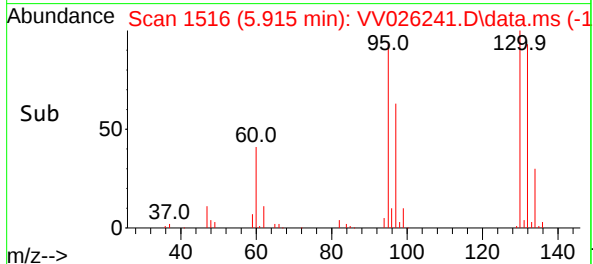
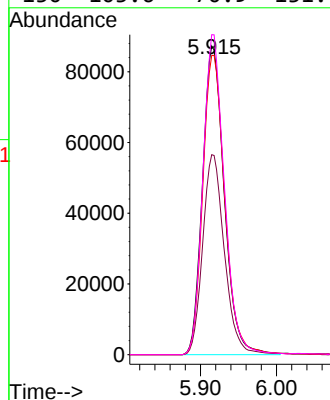
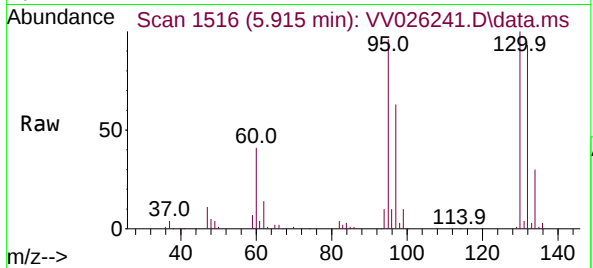


#34
Trichloroethene
Concen: 13.793 ug/L
RT: 5.915 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV026241.D
Acq: 14 Jun 2022 16:54

Instrument :
MSVOA_V
ClientSampleId :
C0BC6

Tgt Ion: 95 Resp: 173861

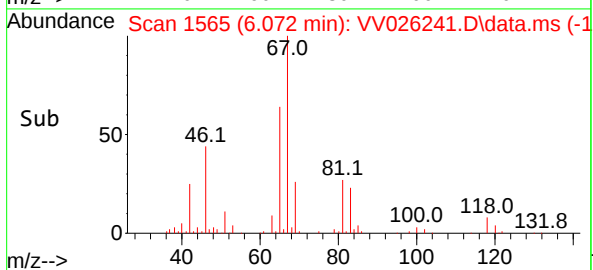
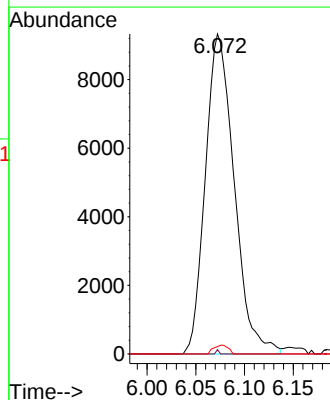
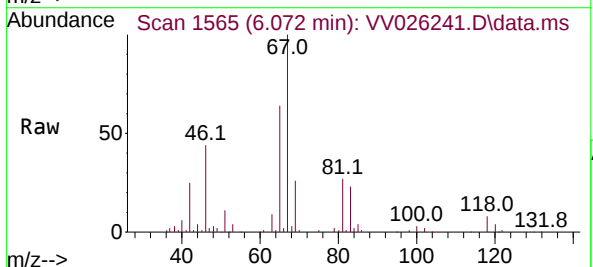
Ion	Ratio	Lower	Upper
95	100		
97	64.8	43.3	80.3
132	96.9	67.5	125.4
130	103.6	70.9	131.7

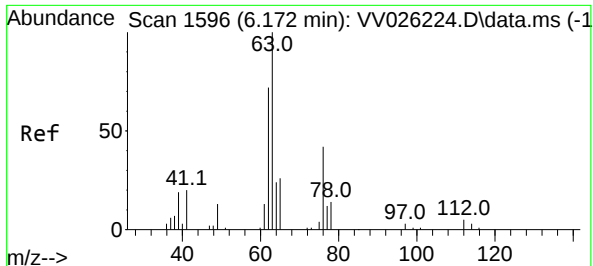


#35
Methylcyclohexane
Concen: 1.127 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.058 min
Lab File: VV026241.D
Acq: 14 Jun 2022 16:54

Tgt Ion: 83 Resp: 19213

Ion	Ratio	Lower	Upper
83	100		
55	0.1	59.5	89.3#
98	1.4	38.4	57.6#





#37

1,2-Dichloropropane

Concen: 0.659 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV026241.D

Acq: 14 Jun 2022 16:54

Instrument :

MSVOA_V

ClientSampleId :

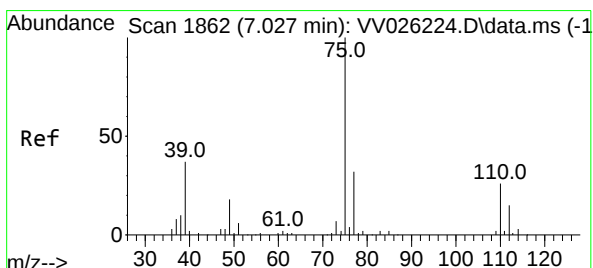
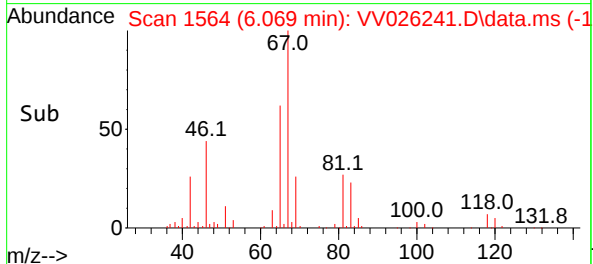
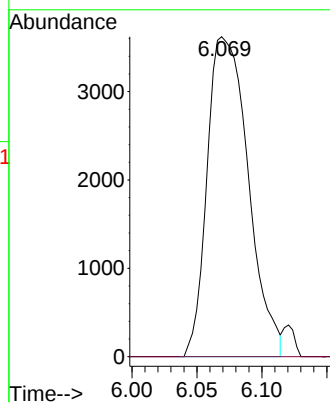
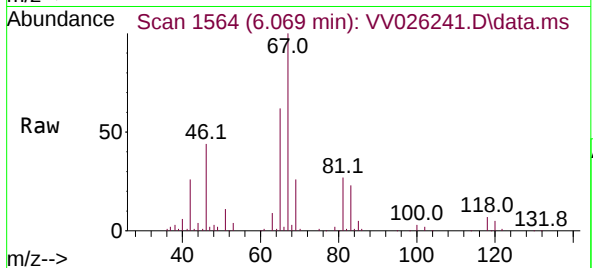
C0BC6

Tgt Ion: 63 Resp: 7967

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#



#39

cis-1,3-Dichloropropene

Concen: 0.111 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.035 min

Lab File: VV026241.D

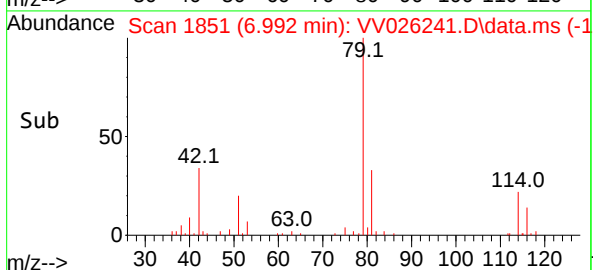
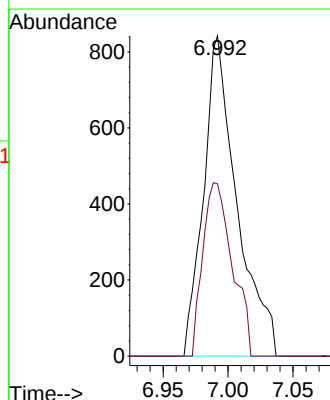
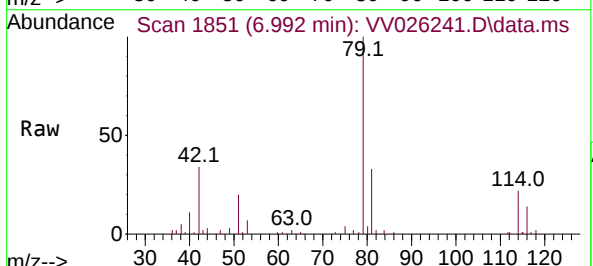
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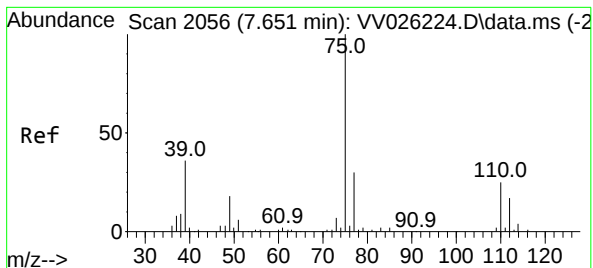
Tgt Ion: 75 Resp: 1502

Ion Ratio Lower Upper

75 100

77 53.8 22.9 42.5#





#44

trans-1,3-Dichloropropene

Concen: 0.083 ug/L

RT: 7.632 min Scan# 2050

Delta R.T. -0.019 min

Lab File: VV026241.D

Acq: 14 Jun 2022 16:54

Instrument :

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ClientSampleId :

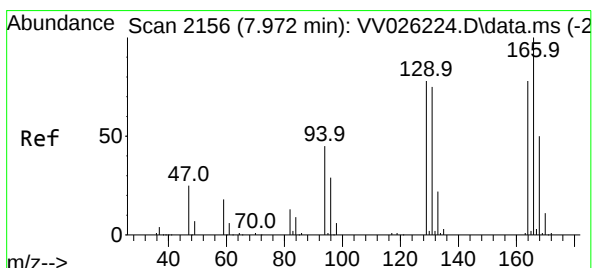
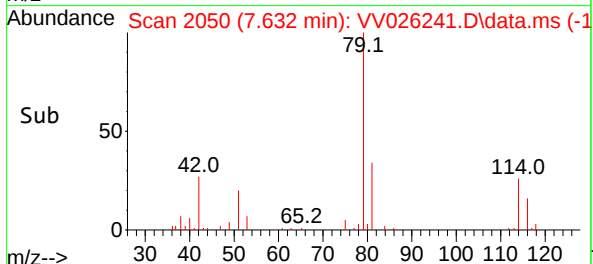
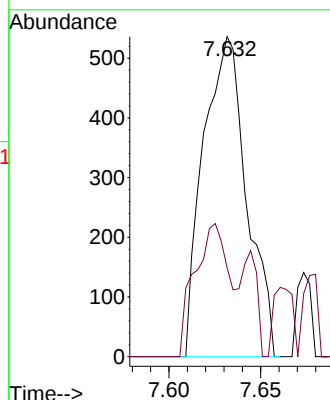
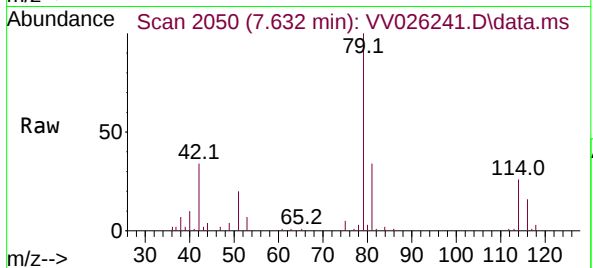
C0BC6

Tgt Ion: 75 Resp: 879

Ion Ratio Lower Upper

75 100

77 27.8 22.3 41.3



#47

Tetrachloroethene

Concen: 0.708 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.006 min

Lab File: VV026241.D

Acq: 14 Jun 2022 16:54

Tgt Ion: 164 Resp: 6408

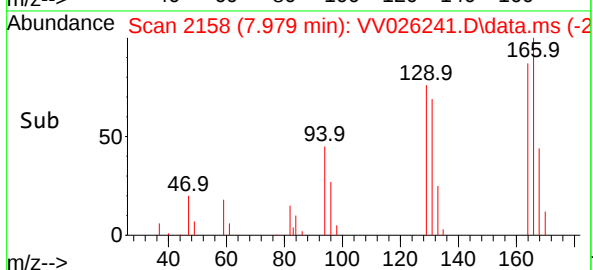
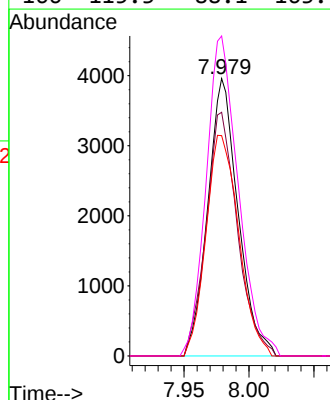
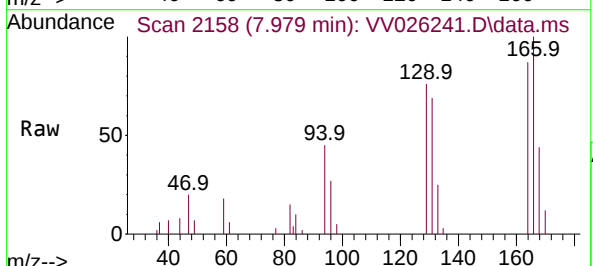
Ion Ratio Lower Upper

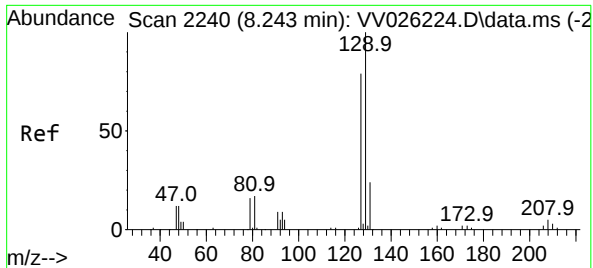
164 100

129 87.8 66.1 122.7

131 79.4 65.0 120.6

166 115.3 88.1 163.7





#49

Dibromochloromethane

Concen: 0.698 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.264 min

Lab File: VV026241.D

Acq: 14 Jun 2022 16:54

Instrument :

MSVOA_V

ClientSampleId :

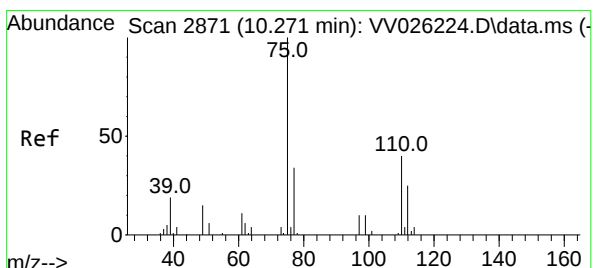
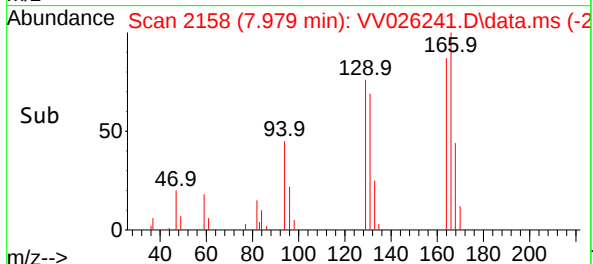
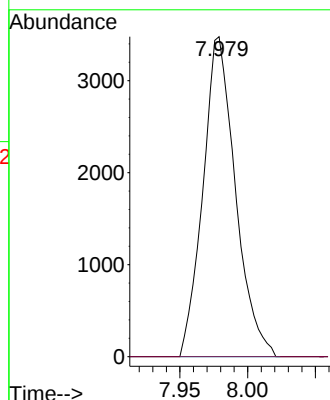
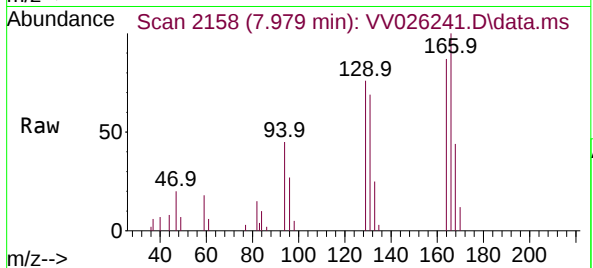
C0BC6

Tgt Ion:129 Resp: 5800

Ion Ratio Lower Upper

129 100

127 0.0 50.9 94.5#



#61

1,2,3-Trichloropropane

Concen: 1.456 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.978 min

Lab File: VV026241.D

Acq: 14 Jun 2022 16:54

Tgt Ion: 75 Resp: 7032

Ion Ratio Lower Upper

75 100

77 33.0 27.8 41.8

110 1.5 33.0 49.4#

