

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061422\
 Data File : VW026243.D
 Acq On : 14 Jun 2022 18:30
 Operator : SY/MD
 Sample : N3272-12DL 4X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B56DL

Quant Time: Jun 15 05:52:20 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)

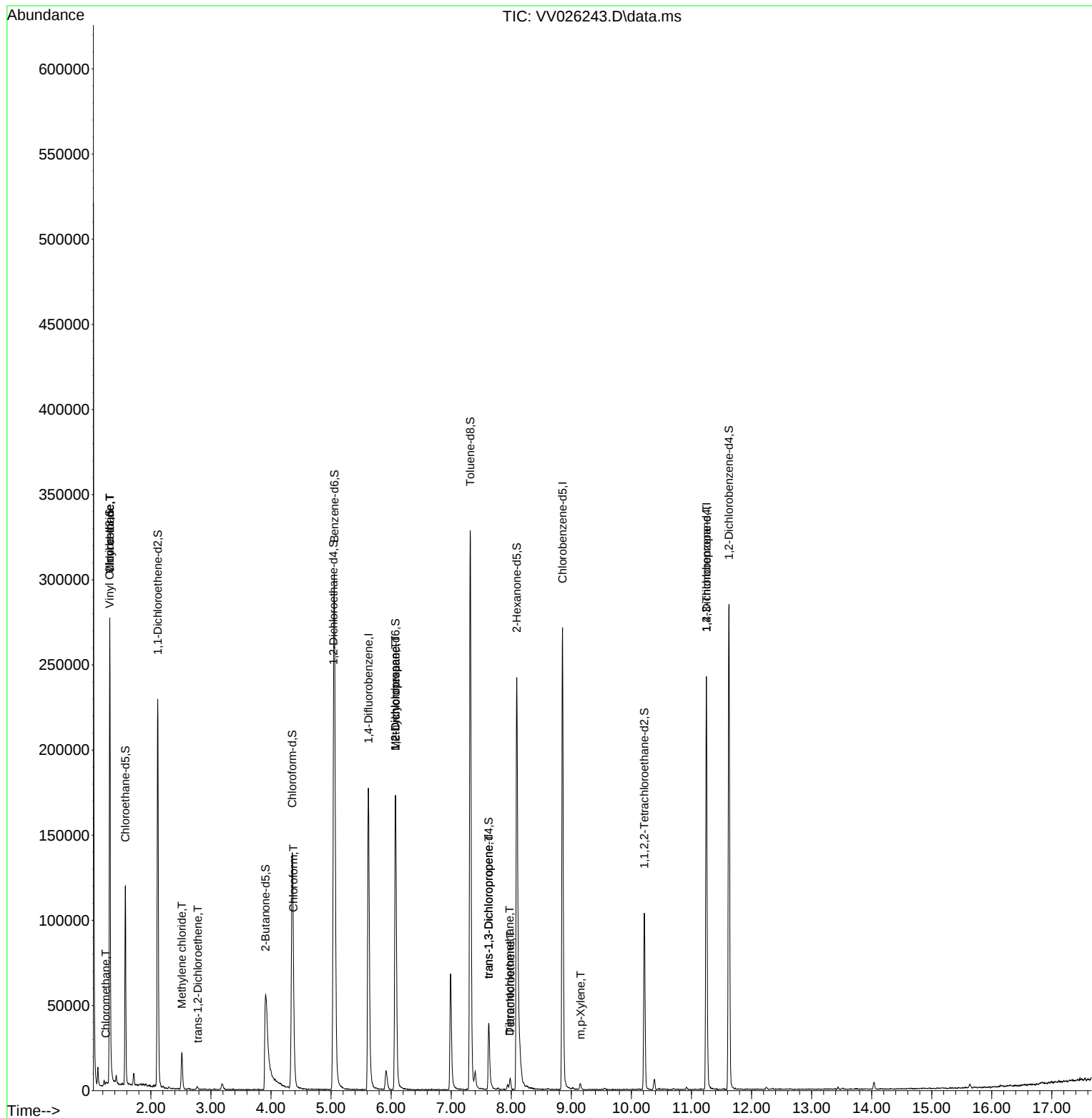
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	160171	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	155712	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	63724	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.314	65	89917	4.293	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.800%
7) Chloroethane-d5	1.574	69	76544	4.640	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.800%
11) 1,1-Dichloroethene-d2	2.114	63	118254	3.511	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.200%
20) 2-Butanone-d5	3.908	46	107071	68.518	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	137.040%#
24) Chloroform-d	4.355	84	149837	5.044	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.800%
26) 1,2-Dichloroethane-d4	5.040	65	65937	5.506	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.200%
32) Benzene-d6	5.056	84	284150	4.681	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
36) 1,2-Dichloropropane-d6	6.072	67	88211	5.039	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.800%
41) Toluene-d8	7.317	98	226412	4.189	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.800%
43) trans-1,3-Dichloroprop...	7.625	79	25306	4.790	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.800%
46) 2-Hexanone-d5	8.091	63	90119	54.779	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.560%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	52998	5.082	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	75856	5.310	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.249	50	704	0.044	ug/L #	65
5) Vinyl chloride	1.317	62	106178	6.345	ug/L	99
8) Chloroethane	1.317	64	35288	3.380	ug/L #	53
16) Methylene chloride	2.516	84	9066	0.718	ug/L	93
18) trans-1,2-Dichloroethene	2.780	96	623	0.053	ug/L	81
25) Chloroform	4.375	83	2103	0.089	ug/L #	72
35) Methylcyclohexane	6.072	83	21421	1.246	ug/L #	20
37) 1,2-Dichloropropane	6.072	63	9090	0.745	ug/L #	85
44) trans-1,3-Dichloropropene	7.625	75	1066	0.100	ug/L	88
47) Tetrachloroethene	7.985	164	1554	0.170	ug/L	98
49) Dibromochloromethane	7.976	129	1469	0.175	ug/L #	13
53) m,p-Xylene	9.156	106	1317	0.070	ug/L	94
61) 1,2,3-Trichloropropane	11.249	75	7623	1.560	ug/L #	61

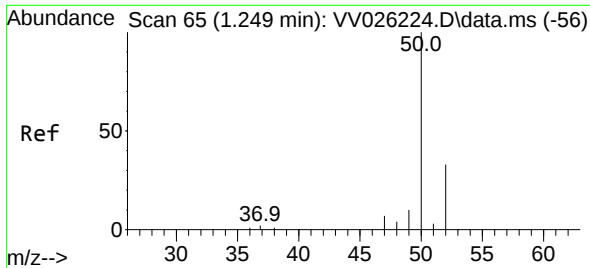
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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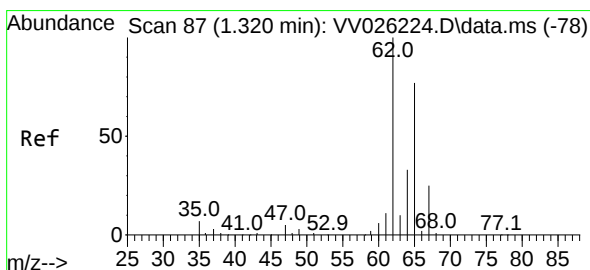
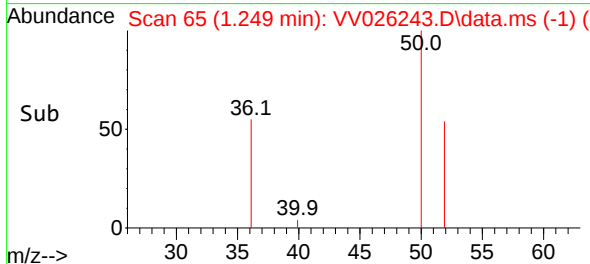
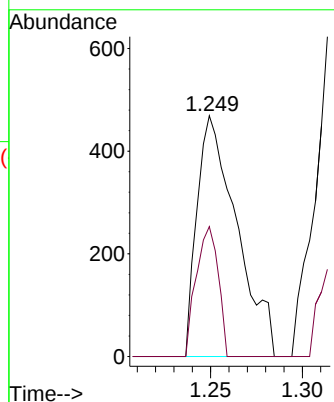
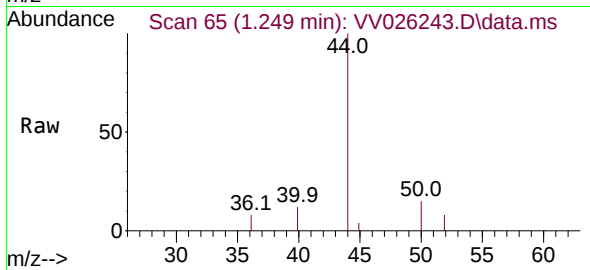




#3
Chloromethane
Concen: 0.044 ug/L
RT: 1.249 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV026243.D
Acq: 14 Jun 2022 18:30

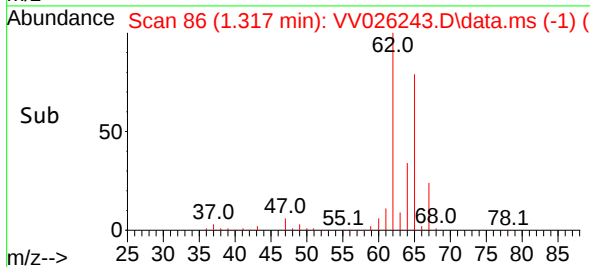
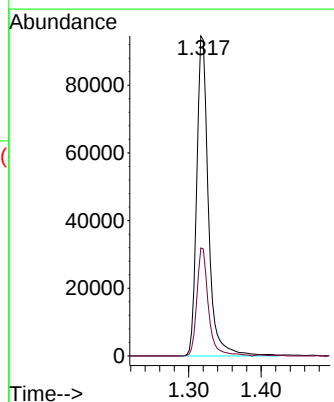
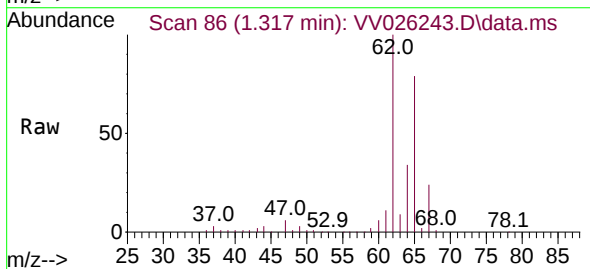
Instrument :
MSVOA_V
ClientSampleId :
C0B56DL

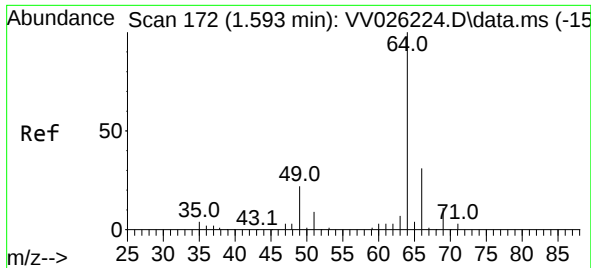
Tgt Ion: 50 Resp: 704
Ion Ratio Lower Upper
50 100
52 53.9 23.6 43.8#



#5
Vinyl chloride
Concen: 6.345 ug/L
RT: 1.317 min Scan# 86
Delta R.T. -0.003 min
Lab File: VV026243.D
Acq: 14 Jun 2022 18:30

Tgt Ion: 62 Resp: 106178
Ion Ratio Lower Upper
62 100
64 33.8 23.2 43.2





#8

Chloroethane

Concen: 3.380 ug/L

RT: 1.317 min Scan# 80

Delta R.T. -0.276 min

Lab File: VV026243.D

Acq: 14 Jun 2022 18:30

Instrument :

MSVOA_V

ClientSampleId :

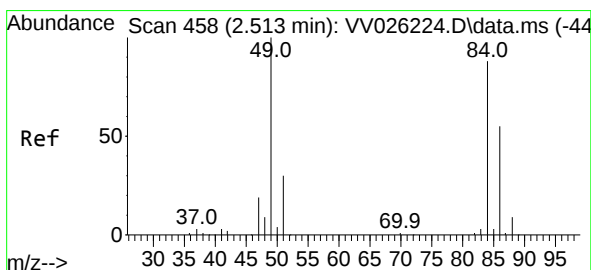
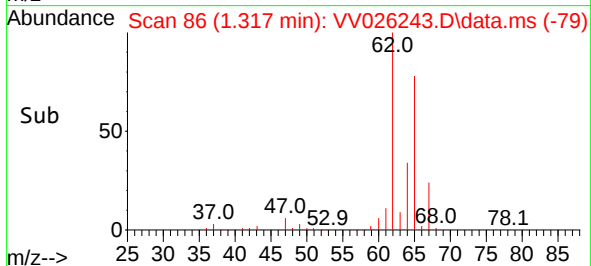
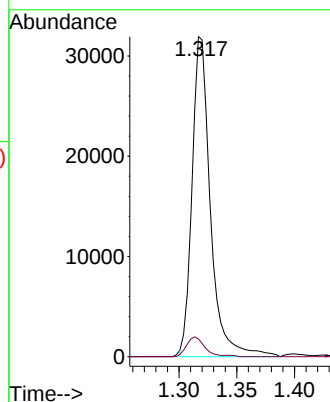
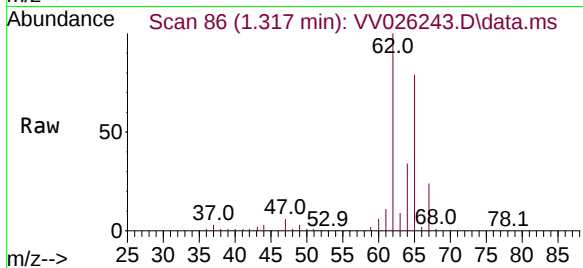
C0B56DL

Tgt Ion: 64 Resp: 35288

Ion Ratio Lower Upper

64 100

66 5.6 22.4 41.6#



#16

Methylene chloride

Concen: 0.718 ug/L

RT: 2.516 min Scan# 459

Delta R.T. 0.003 min

Lab File: VV026243.D

Acq: 14 Jun 2022 18:30

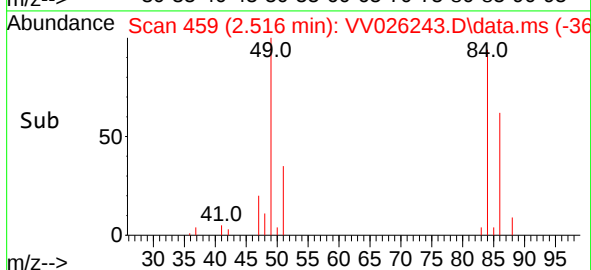
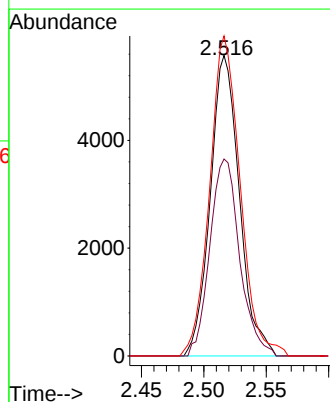
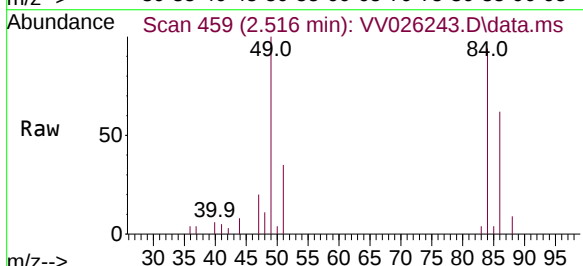
Tgt Ion: 84 Resp: 9066

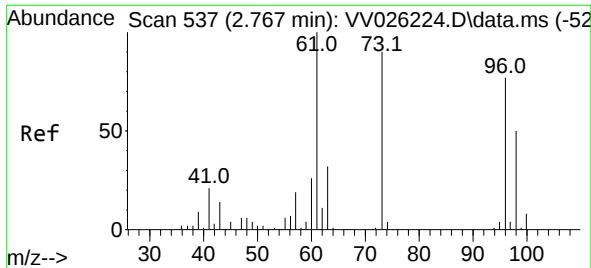
Ion Ratio Lower Upper

84 100

86 65.6 45.1 83.7

49 106.5 82.3 152.9

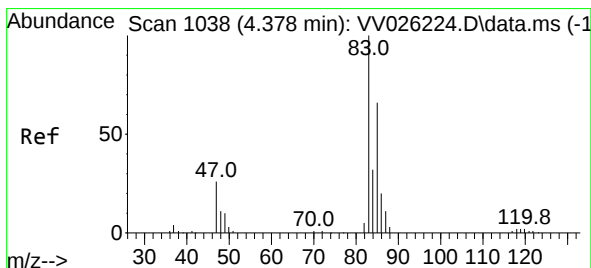
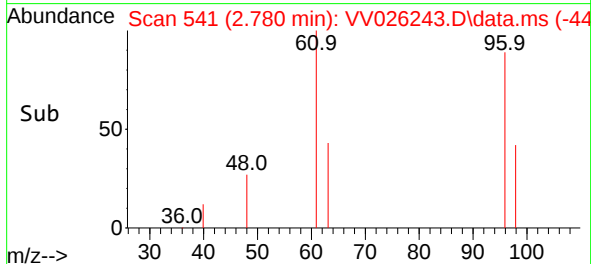
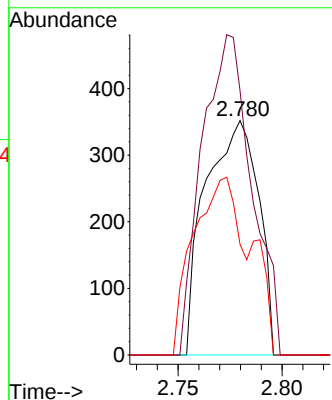
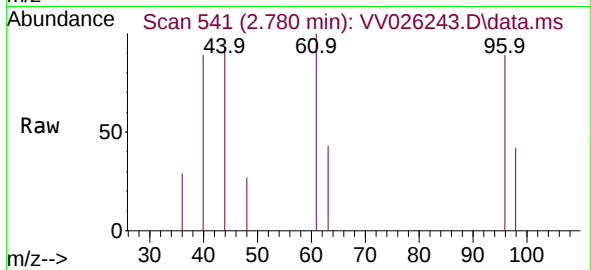




#18
trans-1,2-Dichloroethene
Concen: 0.053 ug/L
RT: 2.780 min Scan# 541
Delta R.T. 0.013 min
Lab File: VV026243.D
Acq: 14 Jun 2022 18:30

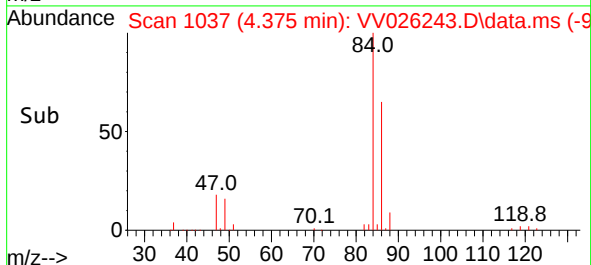
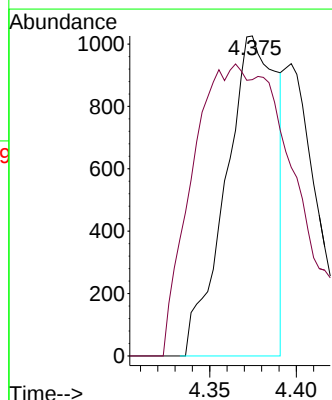
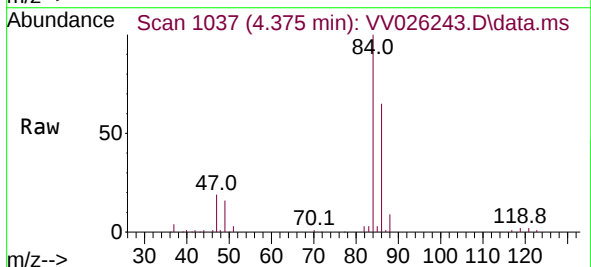
Instrument :
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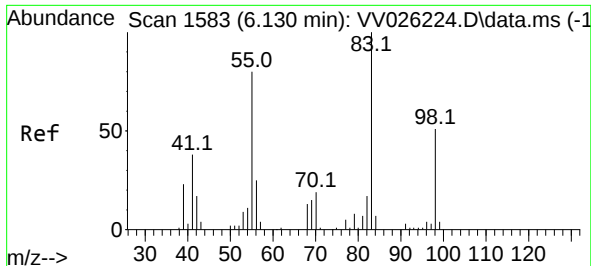
Tgt Ion: 96 Resp: 623
Ion Ratio Lower Upper
96 100
61 112.8 93.5 173.7
98 47.2 44.7 83.1



#25
Chloroform
Concen: 0.089 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. -0.003 min
Lab File: VV026243.D
Acq: 14 Jun 2022 18:30

Tgt Ion: 83 Resp: 2103
Ion Ratio Lower Upper
83 100
85 86.4 45.3 84.1#

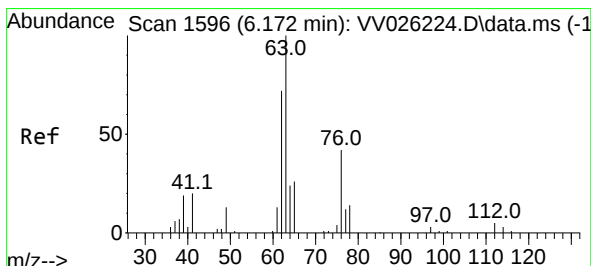
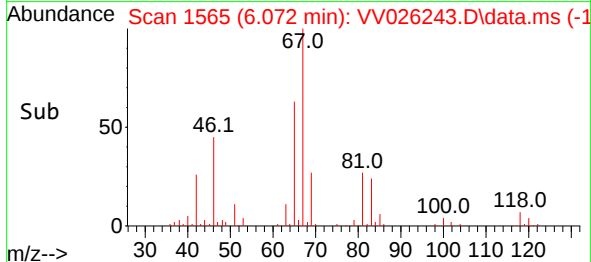
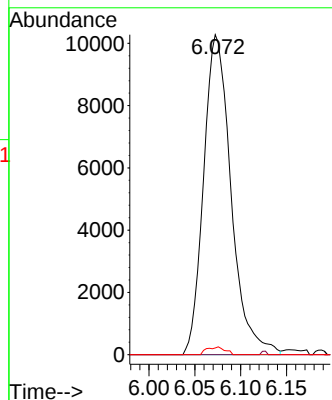
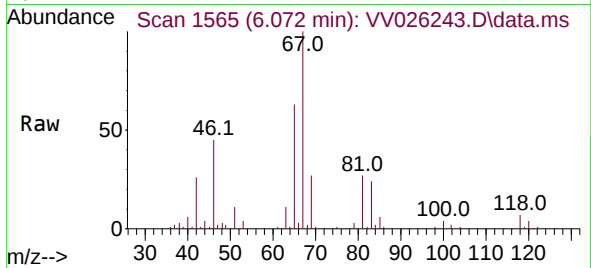




#35
Methylcyclohexane
Concen: 1.246 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.058 min
Lab File: VV026243.D
Acq: 14 Jun 2022 18:30

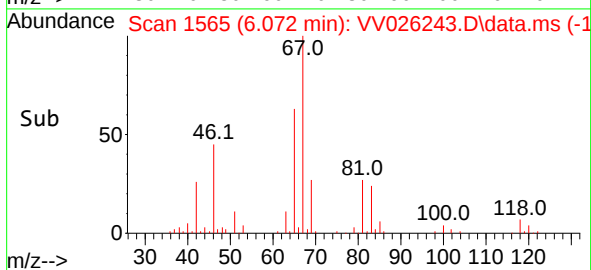
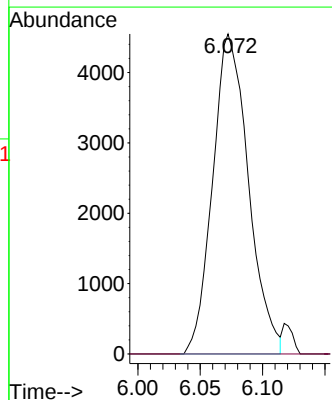
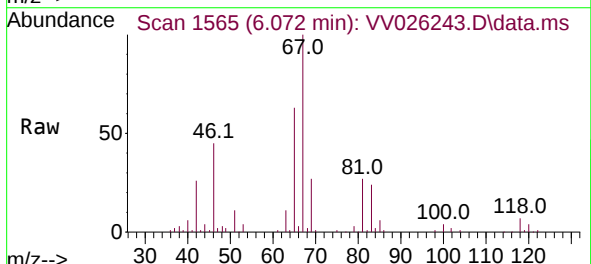
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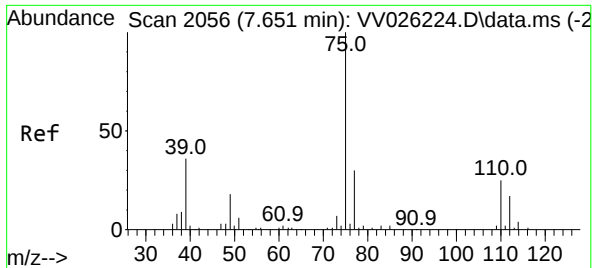
Tgt Ion: 83 Resp: 21421
Ion Ratio Lower Upper
83 100
55 0.2 59.5 89.3#
98 1.6 38.4 57.6#



#37
1,2-Dichloropropane
Concen: 0.745 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.100 min
Lab File: VV026243.D
Acq: 14 Jun 2022 18:30

Tgt Ion: 63 Resp: 9090
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#

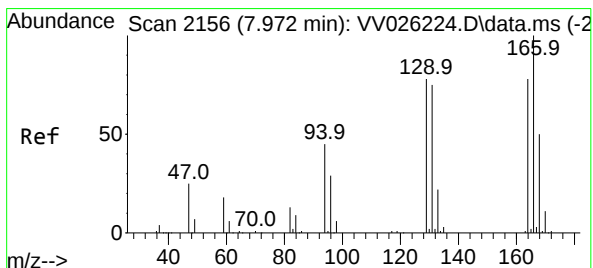
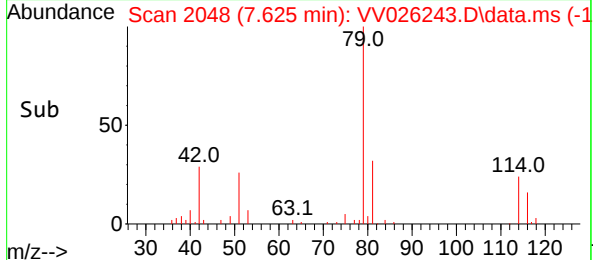
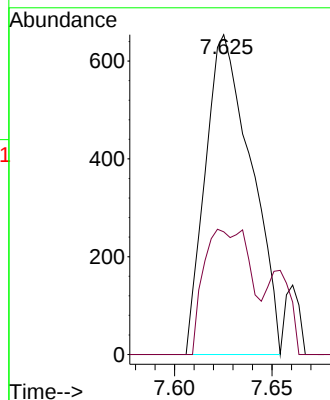
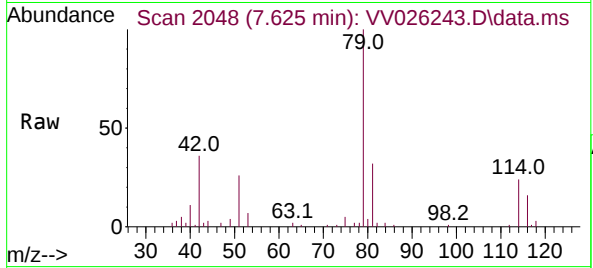




#44
trans-1,3-Dichloropropene
Concen: 0.100 ug/L
RT: 7.625 min Scan# 2048
Delta R.T. -0.026 min
Lab File: VV026243.D
Acq: 14 Jun 2022 18:30

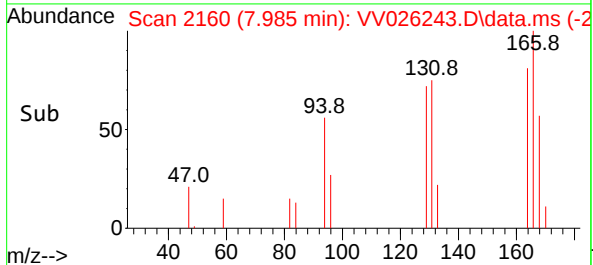
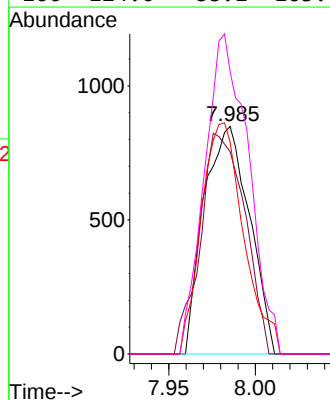
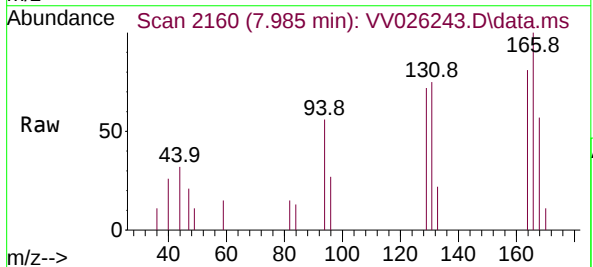
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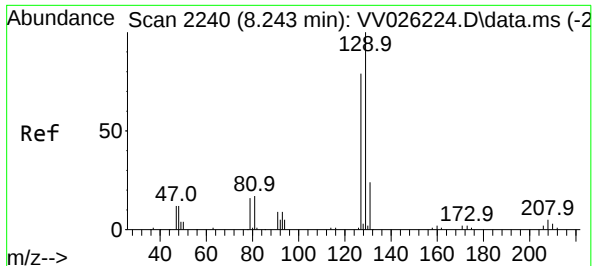
Tgt Ion: 75 Resp: 1066
Ion Ratio Lower Upper
75 100
77 38.4 22.3 41.3



#47
Tetrachloroethene
Concen: 0.170 ug/L
RT: 7.985 min Scan# 2160
Delta R.T. 0.013 min
Lab File: VV026243.D
Acq: 14 Jun 2022 18:30

Tgt Ion:164 Resp: 1554
Ion Ratio Lower Upper
164 100
129 88.9 66.1 122.7
131 93.2 65.0 120.6
166 124.0 88.1 163.7





#49

Dibromochloromethane

Concen: 0.175 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV026243.D

Acq: 14 Jun 2022 18:30

Instrument :

MSVOA_V

ClientSampleId :

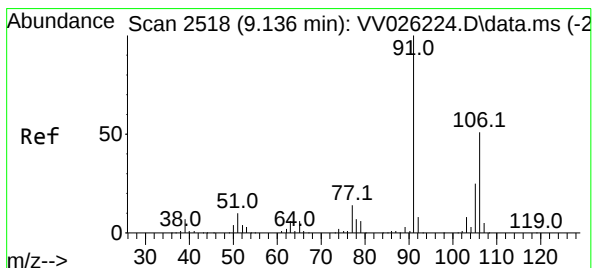
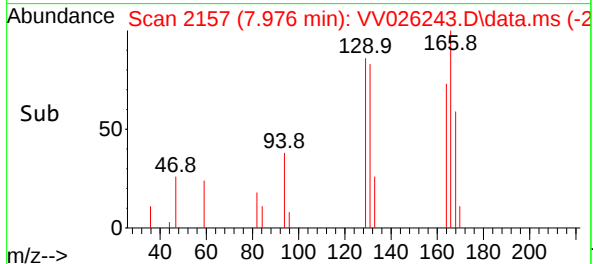
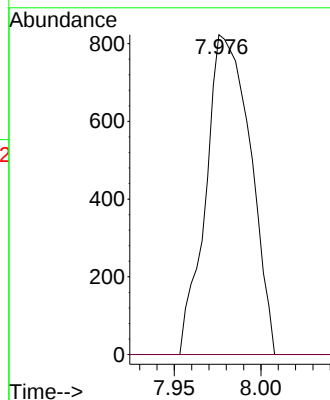
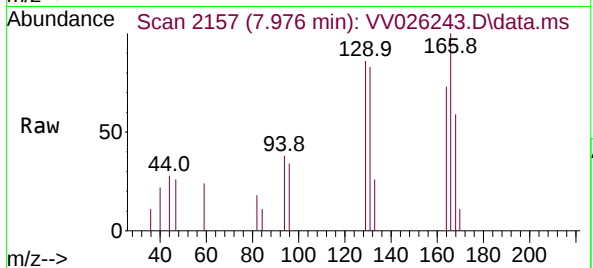
C0B56DL

Tgt Ion:129 Resp: 1469

Ion Ratio Lower Upper

129 100

127 0.0 50.9 94.5#



#53

m,p-Xylene

Concen: 0.070 ug/L

RT: 9.156 min Scan# 2524

Delta R.T. 0.019 min

Lab File: VV026243.D

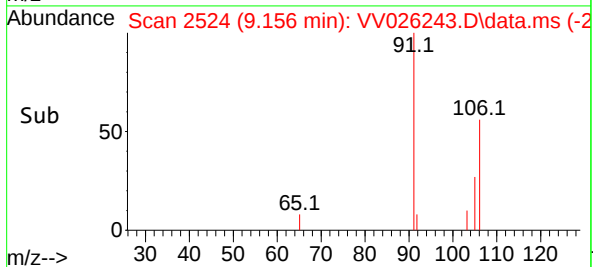
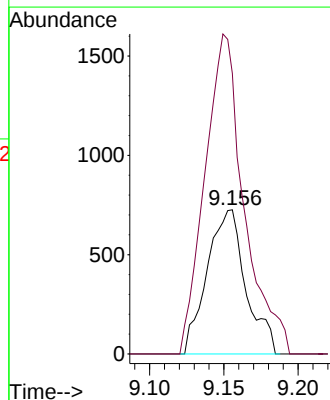
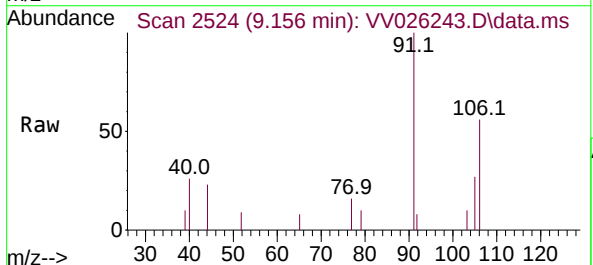
Acq: 14 Jun 2022 18:30

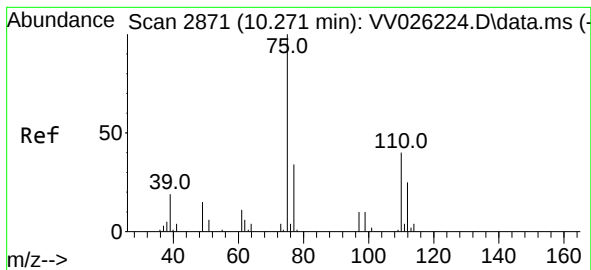
Tgt Ion:106 Resp: 1317

Ion Ratio Lower Upper

106 100

91 194.5 142.0 263.8





#61

1,2,3-Trichloropropane

Concen: 1.560 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.978 min

Lab File: VV026243.D

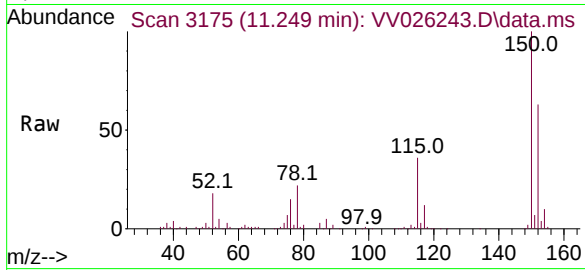
Acq: 14 Jun 2022 18:30

Instrument :

MSVOA_V

ClientSampleId :

C0B56DL



Tgt Ion: 75 Resp: 7623

Ion Ratio Lower Upper

75 100

77 30.5 27.8 41.8

110 0.5 33.0 49.4#

