

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061822\
 Data File : VV026424.D
 Acq On : 18 Jun 2022 14:47
 Operator : SY/MD
 Sample : N3320-21
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK001

Quant Time: Jun 20 01:29:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 20 01:25:22 2022
 Response via : Initial Calibration

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

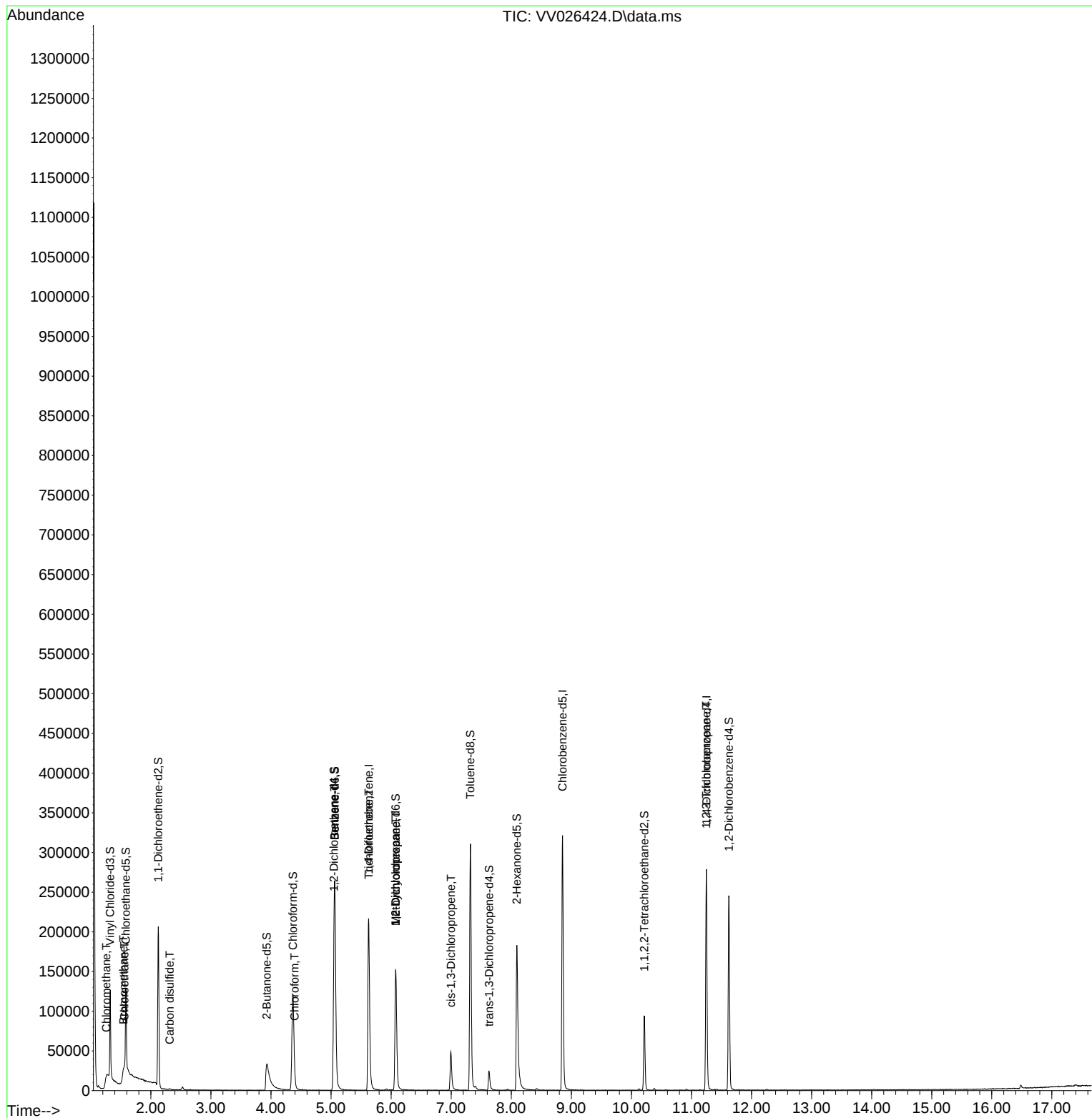
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	192686	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	184266	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	74362	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.323	65	74019	4.423	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	88.400%	
7) Chloroethane-d5	1.584	69	61721	4.690	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	93.800%	
11) 1,1-Dichloroethene-d2	2.124	63	106273	3.698	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	74.000%	
20) 2-Butanone-d5	3.931	46	83575	51.177	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	102.360%	
24) Chloroform-d	4.365	84	131071	5.343	ug/L	0.01
Spiked Amount	5.000	Range 70 - 125	Recovery	=	106.800%	
26) 1,2-Dichloroethane-d4	5.047	65	53607	5.165	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	103.400%	
32) Benzene-d6	5.063	84	255702	5.190	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	103.800%	
36) 1,2-Dichloropropane-d6	6.075	67	78029	5.427	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	108.600%	
41) Toluene-d8	7.320	98	213541	4.754	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.000%	
43) trans-1,3-Dichloroprop...	7.632	79	16565	3.553	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	71.000%	
46) 2-Hexanone-d5	8.091	63	65827	46.740	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	93.480%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	46812	5.285	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	105.800%	
66) 1,2-Dichlorobenzene-d4	11.622	152	65979	5.760	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	115.200%	
Target Compounds						Qvalue
3) Chloromethane	1.256	50	990	0.062	ug/L	100
6) Bromomethane	1.542	94	418	0.045	ug/L	96
8) Chloroethane	1.561	64	70393	6.817	ug/L #	48
14) Carbon disulfide	2.314	76	2306	0.077	ug/L	97
25) Chloroform	4.394	83	1669	0.068	ug/L #	53
33) Benzene	5.056	78	2074	0.044	ug/L	100
34) Trichloroethene	5.629	95	3605	0.280	ug/L #	4
35) Methylcyclohexane	6.075	83	18751	1.051	ug/L #	19
37) 1,2-Dichloropropane	6.075	63	7924	0.641	ug/L #	88
39) cis-1,3-Dichloropropene	6.995	75	1245	0.088	ug/L #	74
61) 1,2,3-Trichloropropane	11.246	75	8813	1.826	ug/L #	64

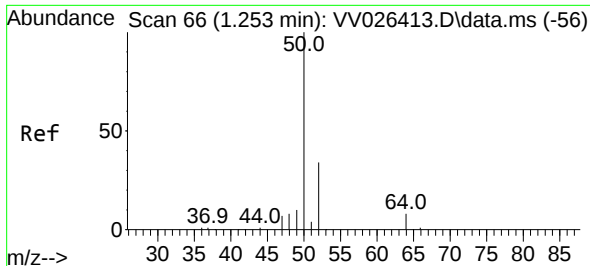
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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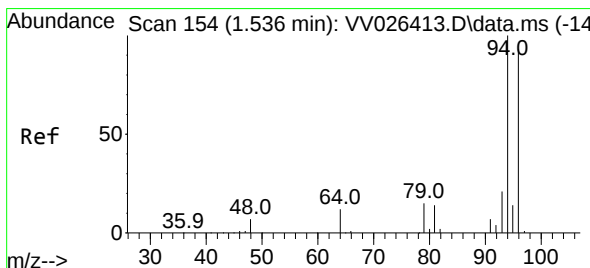
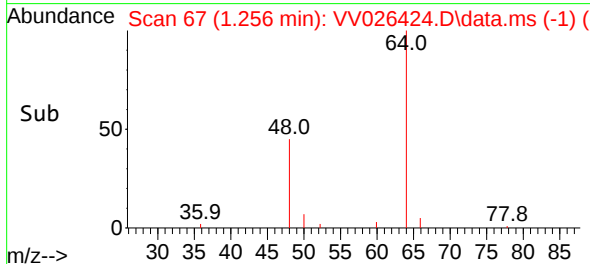
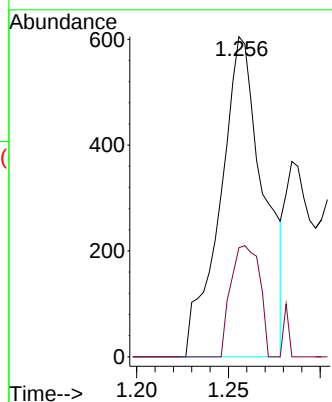
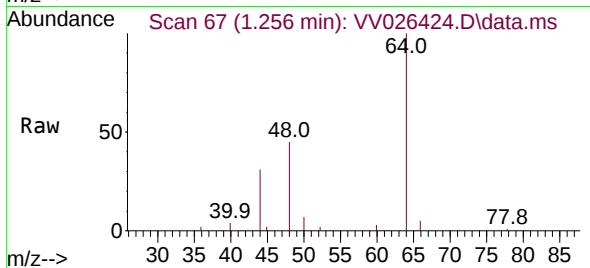




#3
Chloromethane
Concen: 0.062 ug/L
RT: 1.256 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV026424.D
Acq: 18 Jun 2022 14:47

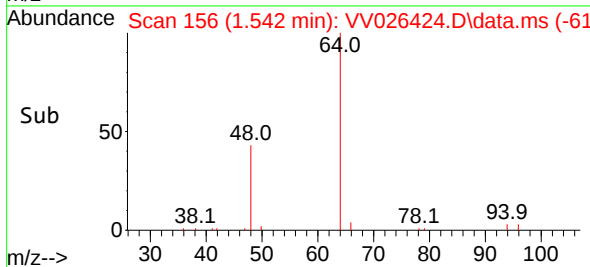
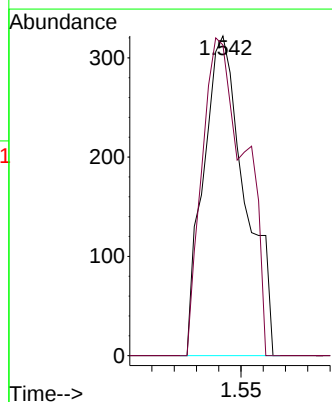
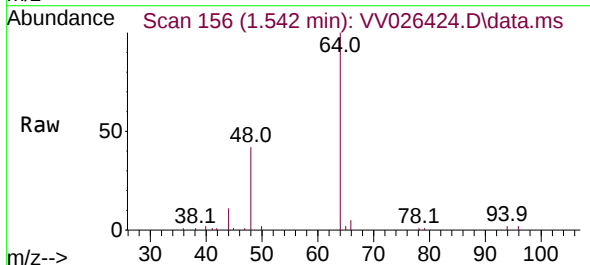
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

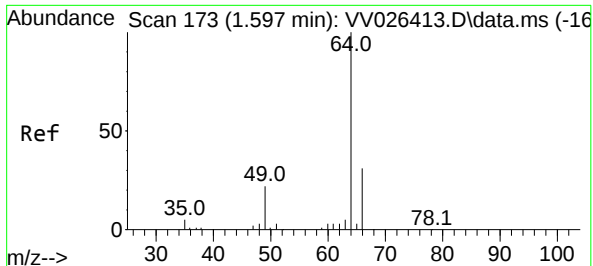
Tgt Ion: 50 Resp: 990
Ion Ratio Lower Upper
50 100
52 34.0 23.7 44.1



#6
Bromomethane
Concen: 0.045 ug/L
RT: 1.542 min Scan# 156
Delta R.T. 0.006 min
Lab File: VV026424.D
Acq: 18 Jun 2022 14:47

Tgt Ion: 94 Resp: 418
Ion Ratio Lower Upper
94 100
96 97.2 65.7 121.9

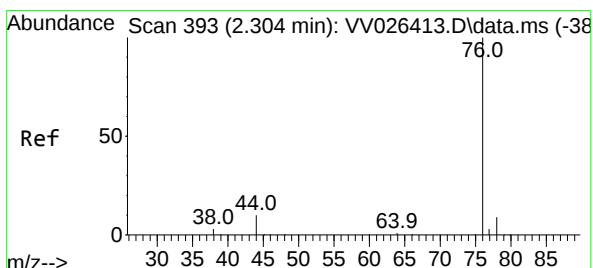
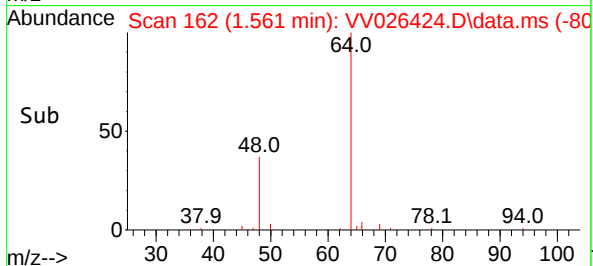
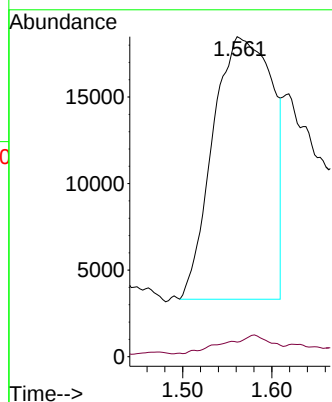
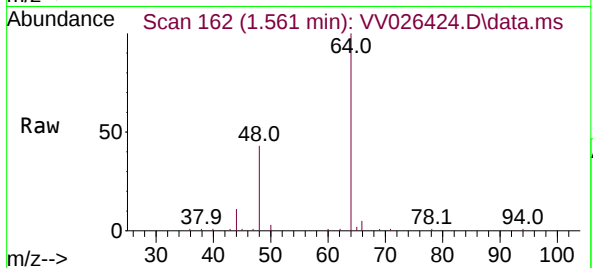




#8
Chloroethane
Concen: 6.817 ug/L
RT: 1.561 min Scan# 1
Delta R.T. -0.036 min
Lab File: VV026424.D
Acq: 18 Jun 2022 14:47

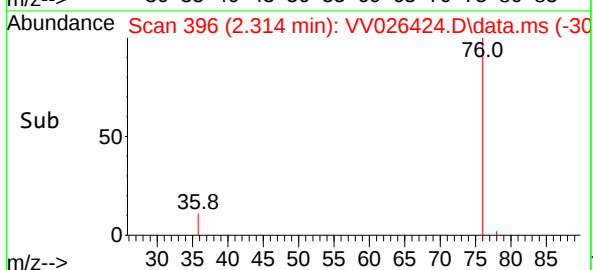
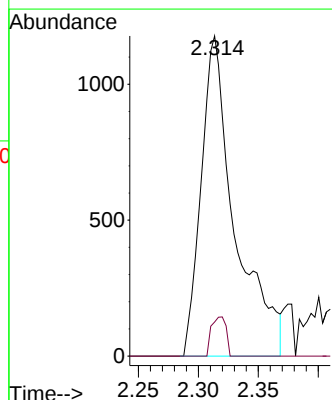
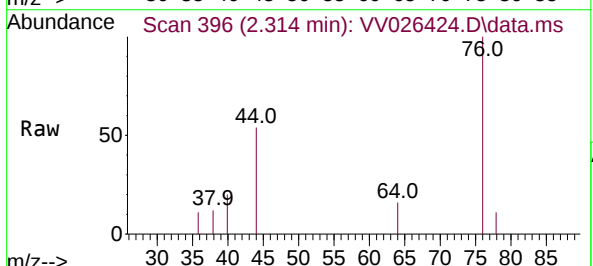
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

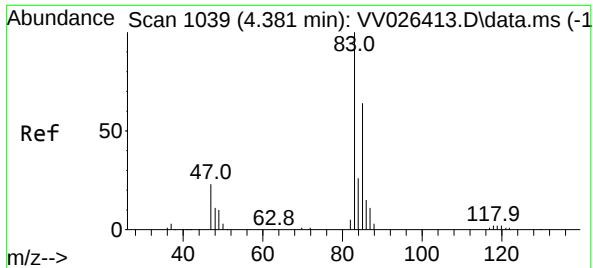
Tgt Ion: 64 Resp: 70393
Ion Ratio Lower Upper
64 100
66 4.6 24.1 44.7#



#14
Carbon disulfide
Concen: 0.077 ug/L
RT: 2.314 min Scan# 396
Delta R.T. 0.009 min
Lab File: VV026424.D
Acq: 18 Jun 2022 14:47

Tgt Ion: 76 Resp: 2306
Ion Ratio Lower Upper
76 100
78 10.6 7.7 11.5





#25

Chloroform

Concen: 0.068 ug/L

RT: 4.394 min Scan# 1043

Delta R.T. 0.013 min

Lab File: VV026424.D

Acq: 18 Jun 2022 14:47

Instrument :

MSVOA_V

ClientSampleId :

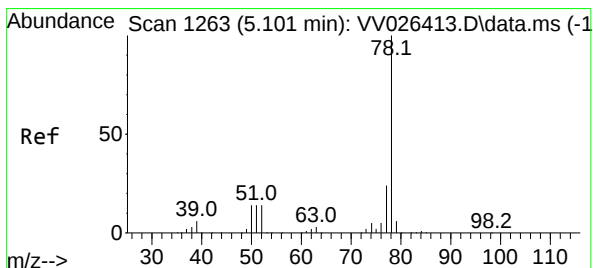
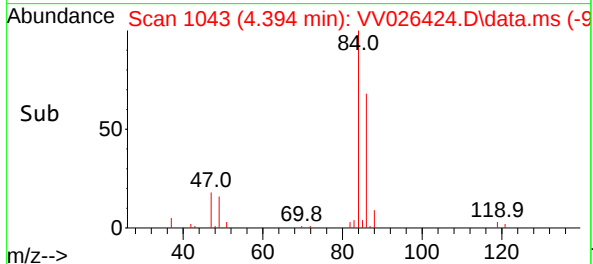
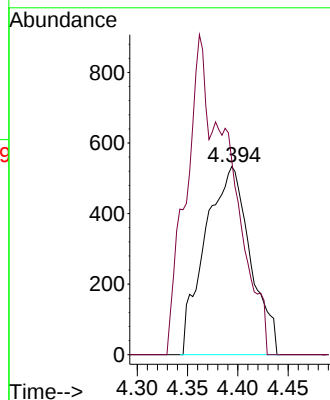
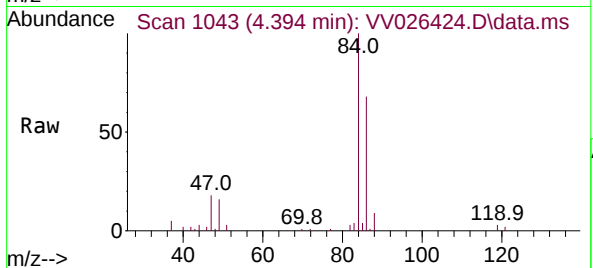
VHBLK001

Tgt Ion: 83 Resp: 1669

Ion Ratio Lower Upper

83 100

85 103.6 46.5 86.3#



#33

Benzene

Concen: 0.044 ug/L

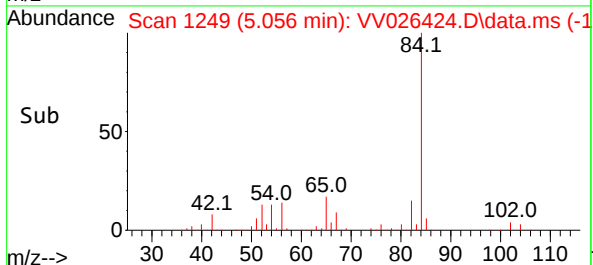
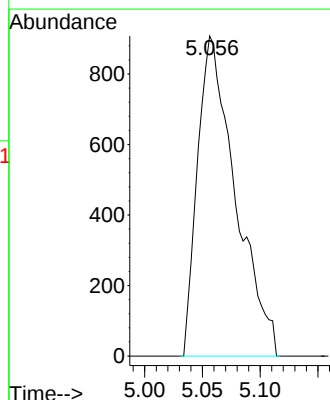
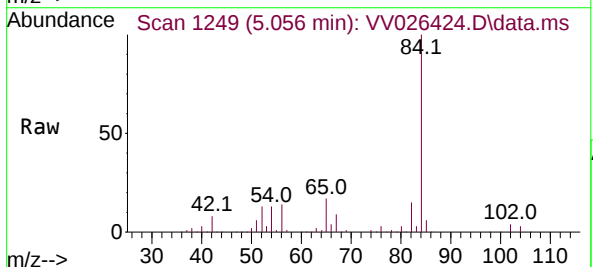
RT: 5.056 min Scan# 1249

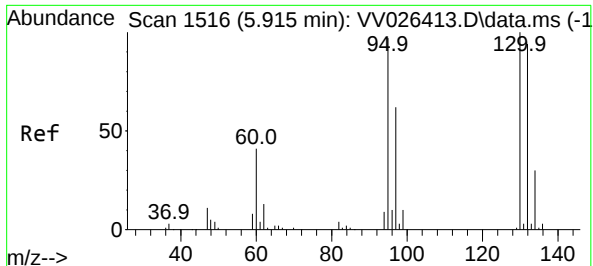
Delta R.T. -0.045 min

Lab File: VV026424.D

Acq: 18 Jun 2022 14:47

Tgt Ion: 78 Resp: 2074

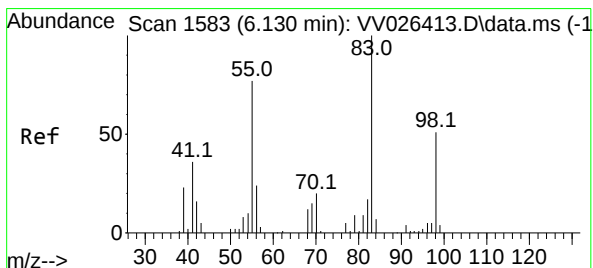
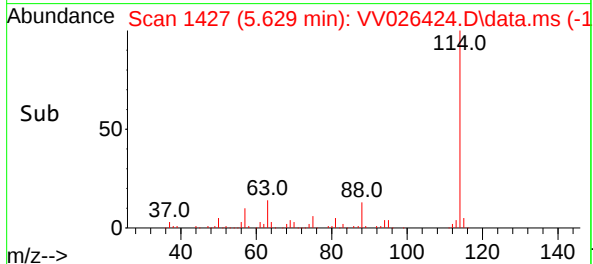
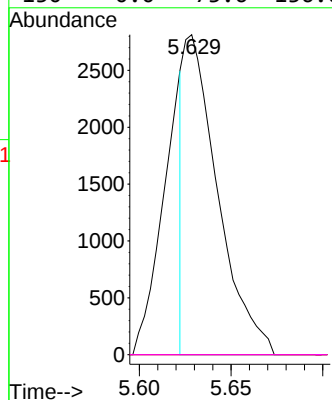
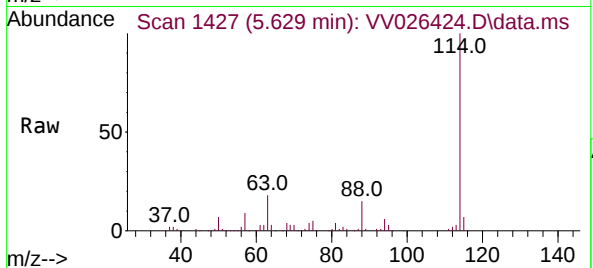




#34
Trichloroethene
Concen: 0.280 ug/L
RT: 5.629 min Scan# 14
Delta R.T. -0.286 min
Lab File: VV026424.D
Acq: 18 Jun 2022 14:47

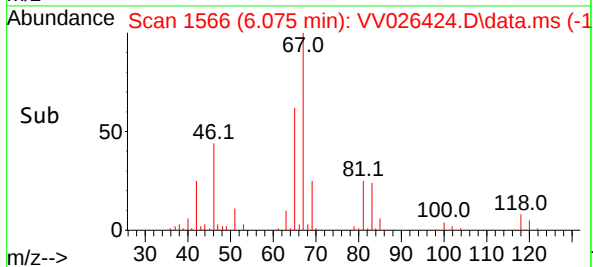
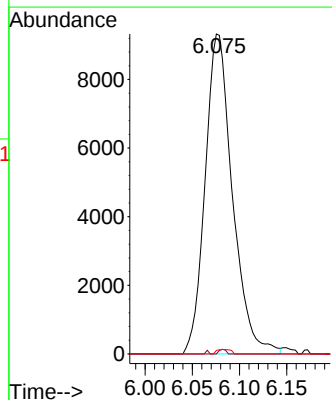
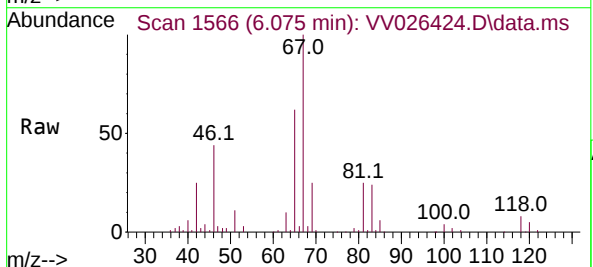
Instrument :
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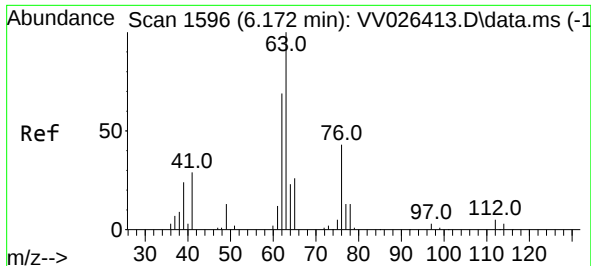
Tgt Ion:	95	Resp:	3605
Ion	Ratio	Lower	Upper
95	100		
97	0.0	46.5	86.3#
132	0.0	68.8	127.8#
130	0.0	73.6	136.6#



#35
Methylcyclohexane
Concen: 1.051 ug/L
RT: 6.075 min Scan# 1566
Delta R.T. -0.055 min
Lab File: VV026424.D
Acq: 18 Jun 2022 14:47

Tgt Ion:	83	Resp:	18751
Ion	Ratio	Lower	Upper
83	100		
55	0.4	59.3	88.9#
98	0.7	39.9	59.9#





#37

1,2-Dichloropropane

Concen: 0.641 ug/L

RT: 6.075 min Scan# 11

Delta R.T. -0.097 min

Lab File: VV026424.D

Acq: 18 Jun 2022 14:47

Instrument :

MSVOA_V

ClientSampleId :

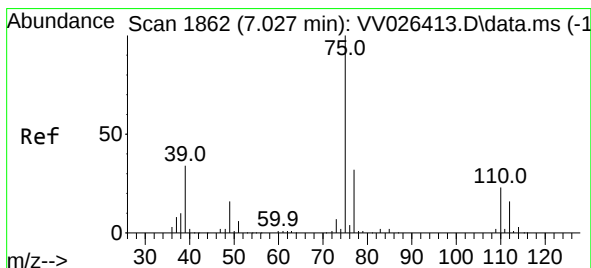
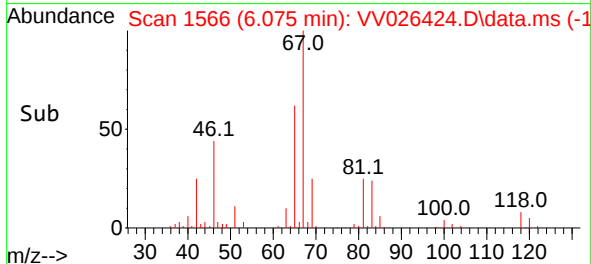
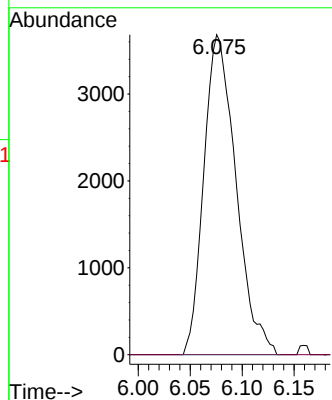
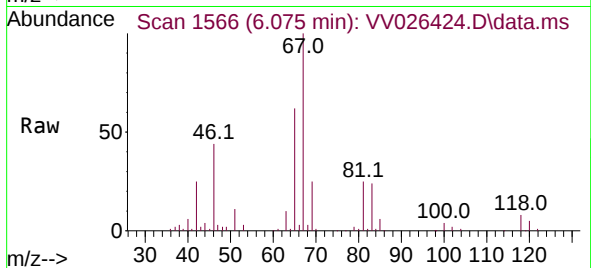
VHBLK001

Tgt Ion: 63 Resp: 7924

Ion Ratio Lower Upper

63 100

112 0.3 3.3 4.9#



#39

cis-1,3-Dichloropropene

Concen: 0.088 ug/L

RT: 6.995 min Scan# 1852

Delta R.T. -0.032 min

Lab File: VV026424.D

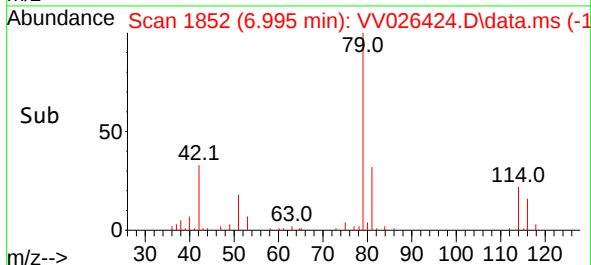
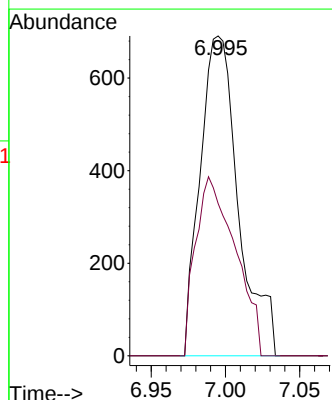
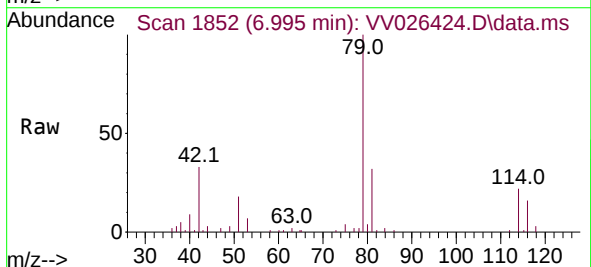
Acq: 18 Jun 2022 14:47

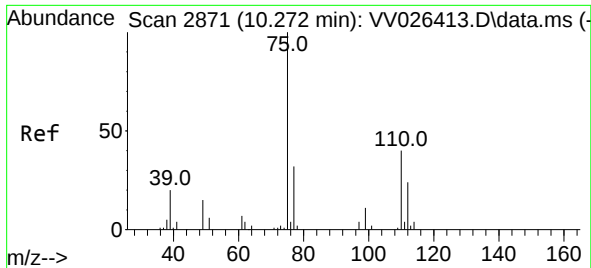
Tgt Ion: 75 Resp: 1245

Ion Ratio Lower Upper

75 100

77 47.6 23.0 42.6#





#61
 1,2,3-Trichloropropane
 Concen: 1.826 ug/L
 RT: 11.246 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV026424.D
 Acq: 18 Jun 2022 14:47

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK001

Tgt Ion: 75 Resp: 8813
 Ion Ratio Lower Upper
 75 100
 77 29.4 26.9 40.3
 110 1.1 30.7 46.1#

