

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061822\
 Data File : VV026419.D
 Acq On : 18 Jun 2022 12:47
 Operator : SY/MD
 Sample : N3275-16
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK001

Quant Time: Jun 20 01:28:27 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)

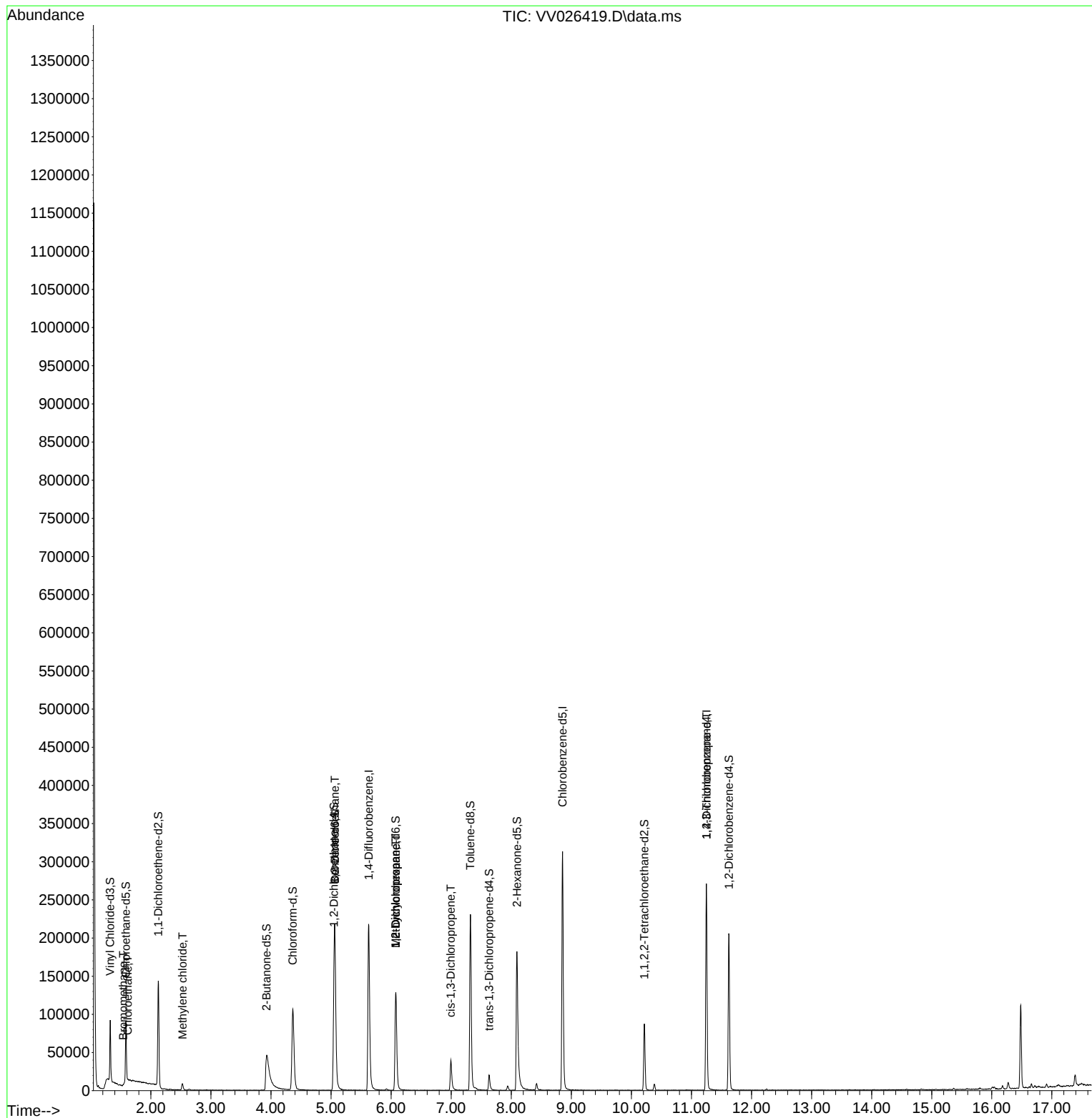
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	197345	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	179615	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	73948	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.323	65	52474	3.061	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	61.200%	
7) Chloroethane-d5	1.584	69	48102	3.569	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	71.400%	
11) 1,1-Dichloroethene-d2	2.124	63	74714	2.538	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	50.800%#	
20) 2-Butanone-d5	3.928	46	86613	51.785	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	103.580%	
24) Chloroform-d	4.362	84	114170	4.544	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.800%	
26) 1,2-Dichloroethane-d4	5.047	65	47335	4.453	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.000%	
32) Benzene-d6	5.063	84	206285	4.296	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.000%	
36) 1,2-Dichloropropane-d6	6.079	67	66112	4.717	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	94.400%	
41) Toluene-d8	7.320	98	158641	3.623	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	72.400%	
43) trans-1,3-Dichloroprop...	7.632	79	13158	2.895	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	58.000%	
46) 2-Hexanone-d5	8.095	63	65862	47.976	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	95.960%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	43795	5.073	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	101.400%	
66) 1,2-Dichlorobenzene-d4	11.622	152	55658	4.886	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	97.800%	
Target Compounds						Qvalue
6) Bromomethane	1.539	94	514	0.054	ug/L	93
8) Chloroethane	1.616	64	22405	2.119	ug/L #	50
16) Methylene chloride	2.526	84	3634	0.228	ug/L	95
27) 1,2-Dichloroethane	5.063	62	1051	0.092	ug/L #	71
35) Methylcyclohexane	6.079	83	16031	0.922	ug/L #	19
37) 1,2-Dichloropropane	6.079	63	6753	0.561	ug/L #	88
39) cis-1,3-Dichloropropene	6.992	75	1027	0.075	ug/L #	48
61) 1,2,3-Trichloropropane	11.249	75	8246	1.718	ug/L #	67

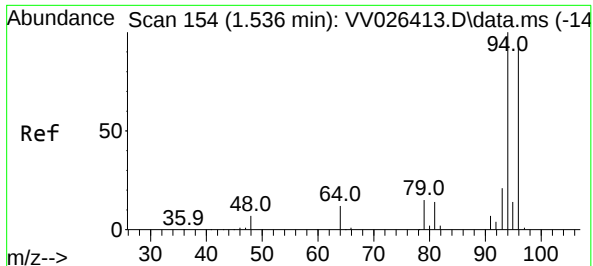
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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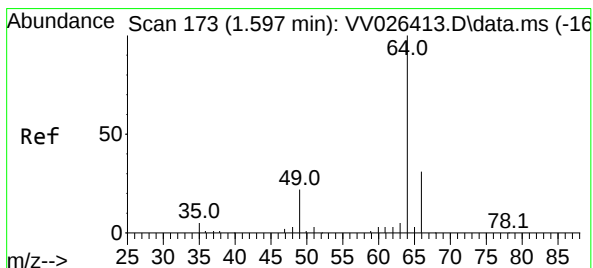
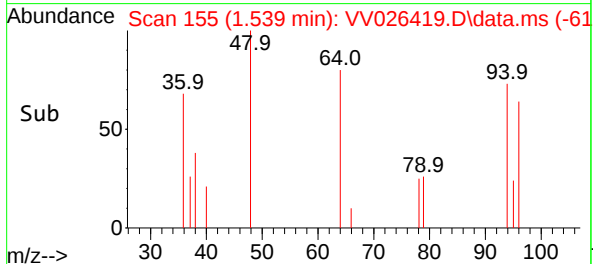
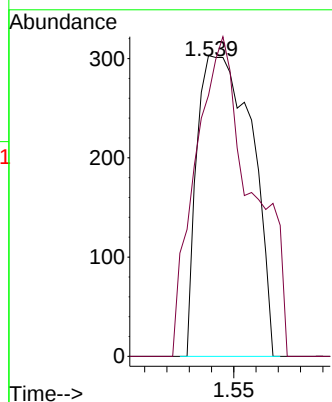
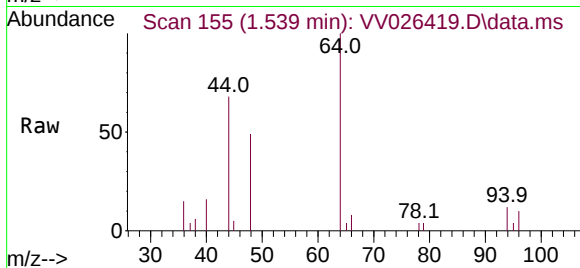




#6
Bromomethane
Concen: 0.054 ug/L
RT: 1.539 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV026419.D
Acq: 18 Jun 2022 12:47

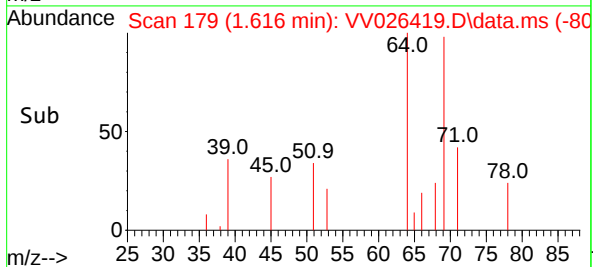
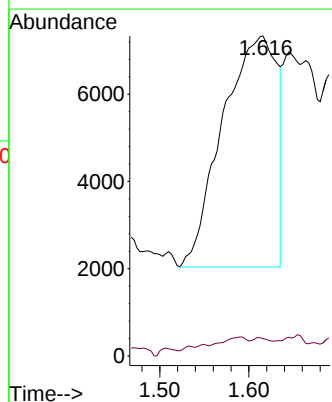
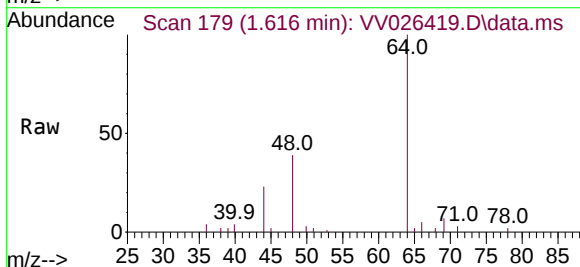
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

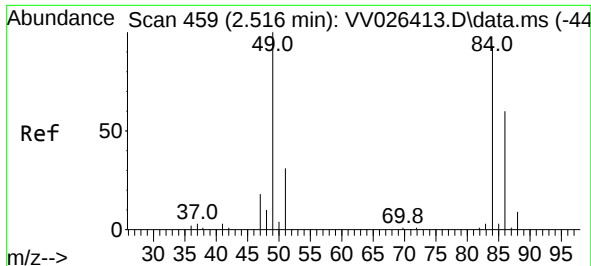
Tgt Ion: 94 Resp: 514
Ion Ratio Lower Upper
94 100
96 86.8 65.7 121.9



#8
Chloroethane
Concen: 2.119 ug/L
RT: 1.616 min Scan# 179
Delta R.T. 0.019 min
Lab File: VV026419.D
Acq: 18 Jun 2022 12:47

Tgt Ion: 64 Resp: 22405
Ion Ratio Lower Upper
64 100
66 5.4 24.1 44.7#

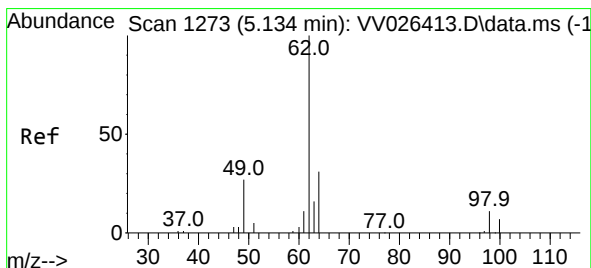
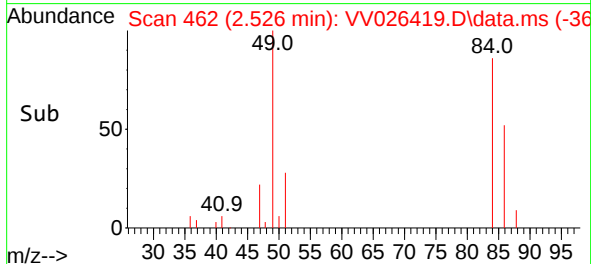
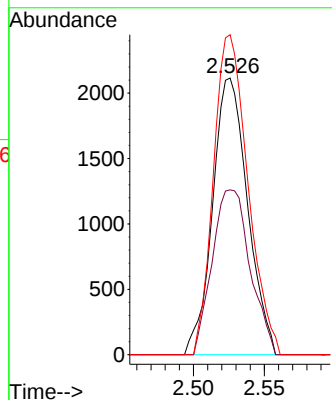
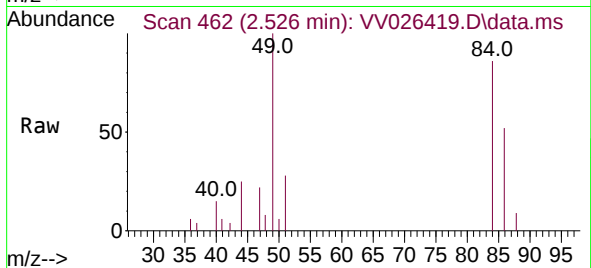




#16
Methylene chloride
Concen: 0.228 ug/L
RT: 2.526 min Scan# 41
Delta R.T. 0.009 min
Lab File: VV026419.D
Acq: 18 Jun 2022 12:47

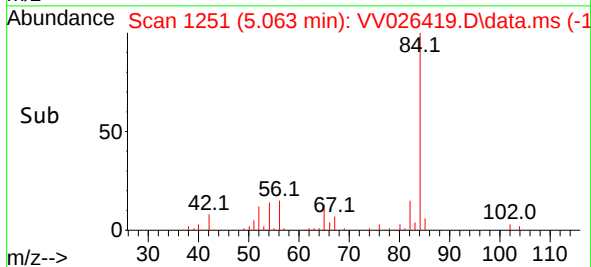
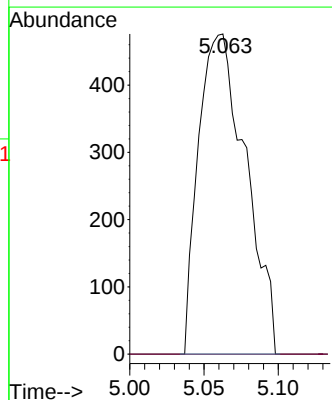
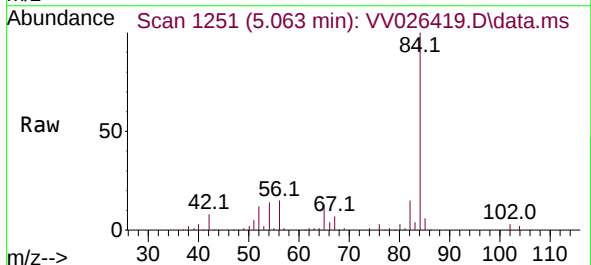
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

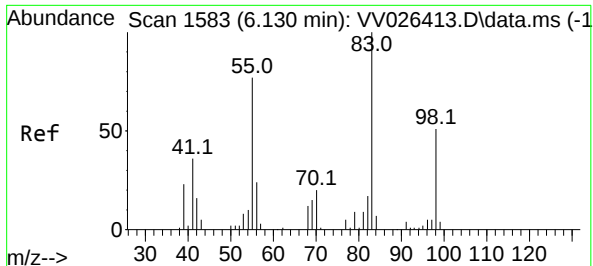
Tgt Ion: 84 Resp: 3634
Ion Ratio Lower Upper
84 100
86 59.6 44.0 81.8
49 115.6 77.3 143.7



#27
1,2-Dichloroethane
Concen: 0.092 ug/L
RT: 5.063 min Scan# 1251
Delta R.T. -0.071 min
Lab File: VV026419.D
Acq: 18 Jun 2022 12:47

Tgt Ion: 62 Resp: 1051
Ion Ratio Lower Upper
62 100
98 0.0 8.6 13.0#





#35

Methylcyclohexane

Concen: 0.922 ug/L

RT: 6.079 min Scan# 1567

Delta R.T. -0.052 min

Lab File: VV026419.D

Acq: 18 Jun 2022 12:47

Instrument :

MSVOA_V

ClientSampleId :

VHBLK001

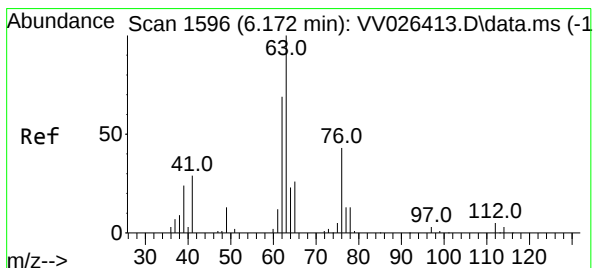
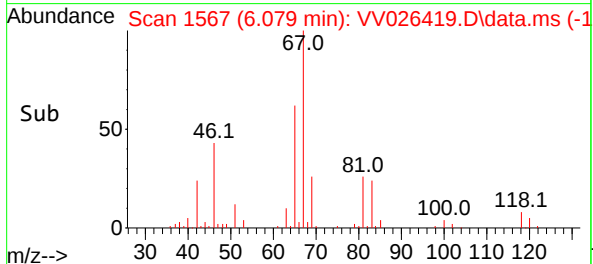
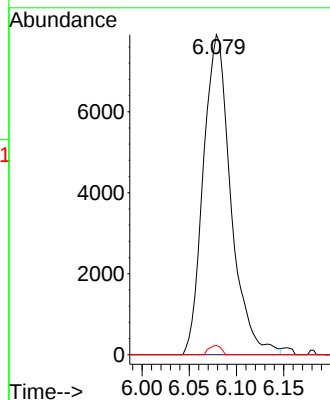
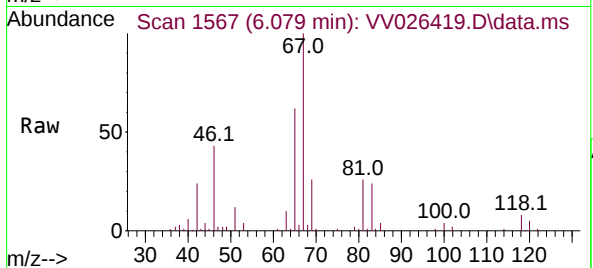
Tgt Ion: 83 Resp: 16031

Ion Ratio Lower Upper

83 100

55 0.0 59.3 88.9#

98 1.3 39.9 59.9#



#37

1,2-Dichloropropane

Concen: 0.561 ug/L

RT: 6.079 min Scan# 1567

Delta R.T. -0.093 min

Lab File: VV026419.D

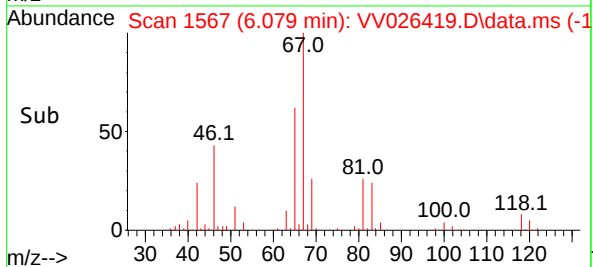
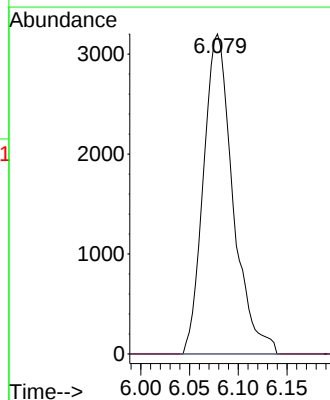
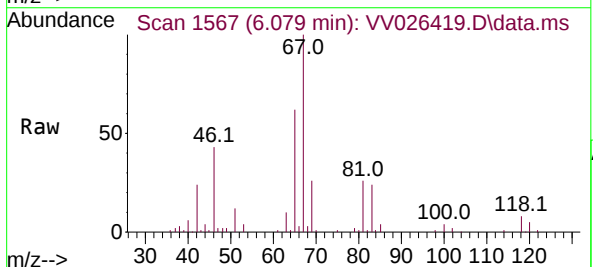
Acq: 18 Jun 2022 12:47

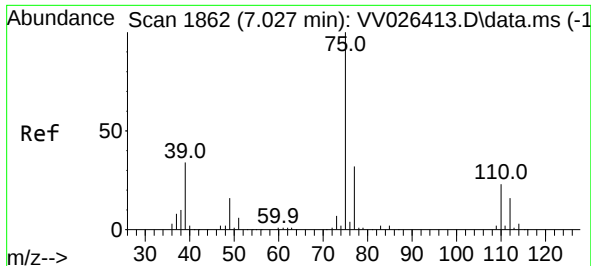
Tgt Ion: 63 Resp: 6753

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#





#39

cis-1,3-Dichloropropene

Concen: 0.075 ug/L

RT: 6.992 min Scan# 11

Delta R.T. -0.036 min

Lab File: VV026419.D

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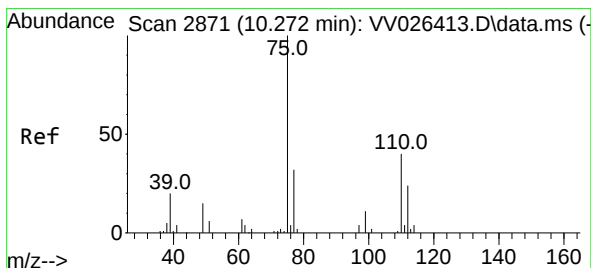
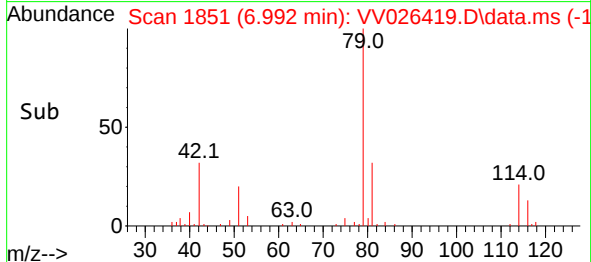
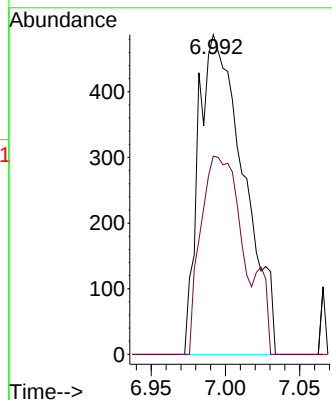
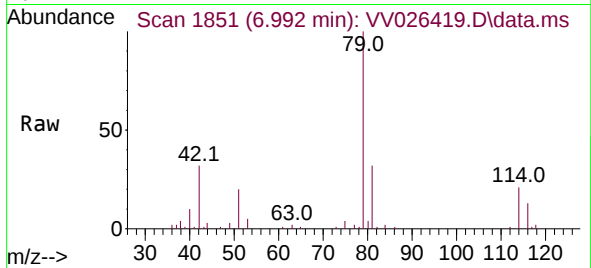
VHBLK001

Tgt Ion: 75 Resp: 1027

Ion Ratio Lower Upper

75 100

77 62.0 23.0 42.6#



#61

1,2,3-Trichloropropane

Concen: 1.718 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.977 min

Lab File: VV026419.D

Acq: 18 Jun 2022 12:47

Tgt Ion: 75 Resp: 8246

Ion Ratio Lower Upper

75 100

77 31.7 26.9 40.3

110 2.3 30.7 46.1#

