

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061822\
 Data File : VW026416.D
 Acq On : 18 Jun 2022 11:37
 Operator : SY/MD
 Sample : N3278-21
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK001

Quant Time: Jun 20 01:27:49 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)

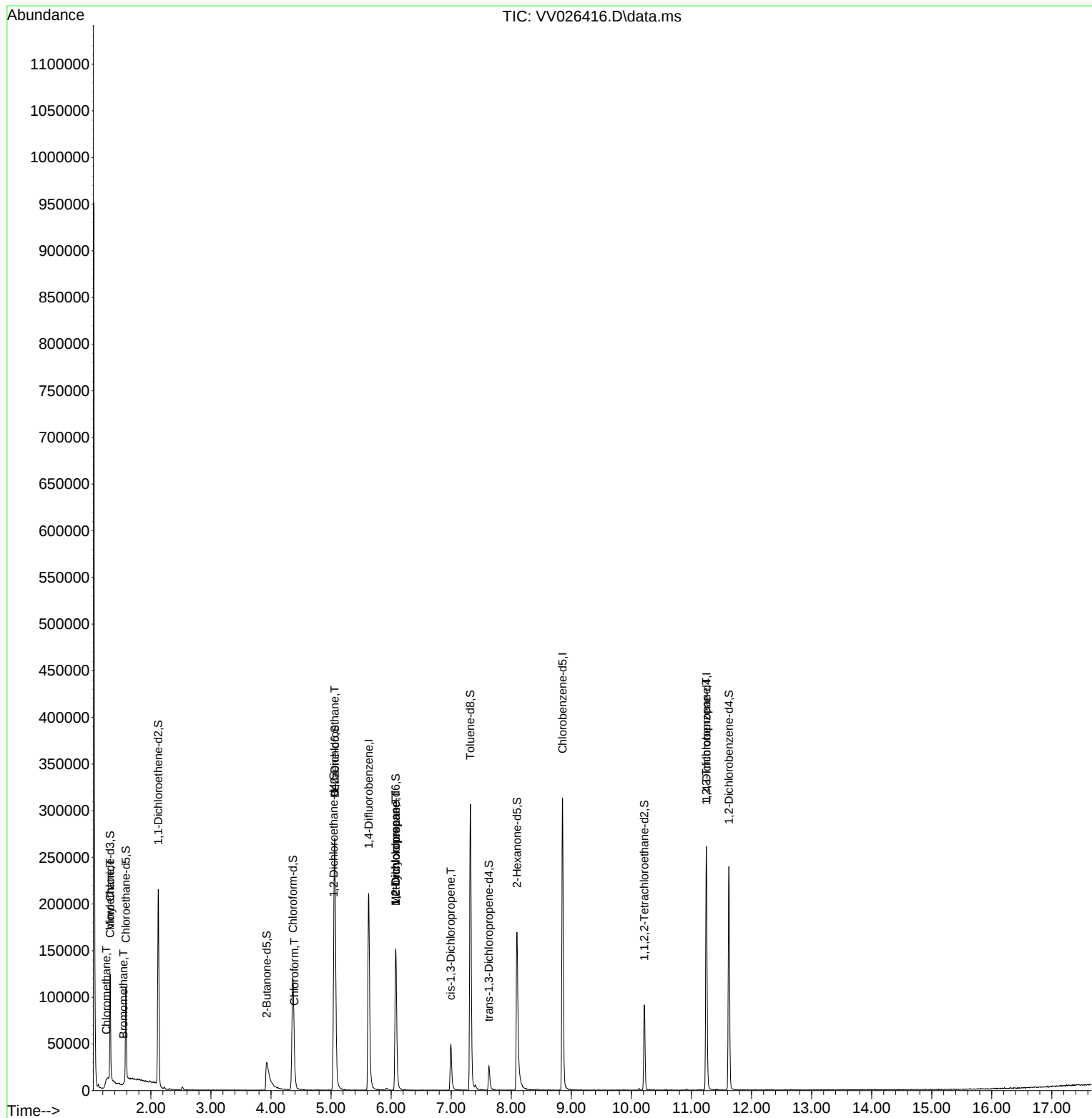
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	190735	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	179626	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	72713	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.323	65	75531	4.559	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.200%
7) Chloroethane-d5	1.584	69	63655	4.887	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.800%
11) 1,1-Dichloroethene-d2	2.124	63	110981	3.901	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.000%
20) 2-Butanone-d5	3.931	46	76847	47.539	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.080%
24) Chloroform-d	4.365	84	131650	5.422	ug/L	0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.400%
26) 1,2-Dichloroethane-d4	5.043	65	53156	5.174	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.400%
32) Benzene-d6	5.063	84	260961	5.434	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.600%
36) 1,2-Dichloropropane-d6	6.076	67	77580	5.535	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.800%
41) Toluene-d8	7.320	98	214694	4.903	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
43) trans-1,3-Dichloroprop...	7.629	79	17379	3.824	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.400%
46) 2-Hexanone-d5	8.095	63	60432	44.018	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.040%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	47102	5.455	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	64319	5.743	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.800%
Target Compounds						Qvalue
3) Chloromethane	1.259	50	683	0.043	ug/L	88
6) Bromomethane	1.545	94	765	0.083	ug/L	97
8) Chloroethane	1.320	64	5395	0.528	ug/L	97
25) Chloroform	4.391	83	3756	0.155	ug/L	94
27) 1,2-Dichloroethane	5.060	62	1442	0.131	ug/L #	71
35) Methylcyclohexane	6.076	83	18982	1.091	ug/L #	19
37) 1,2-Dichloropropane	6.079	63	7884	0.655	ug/L #	88
39) cis-1,3-Dichloropropene	6.992	75	1356	0.099	ug/L	85
61) 1,2,3-Trichloropropane	11.246	75	7952	1.685	ug/L #	68

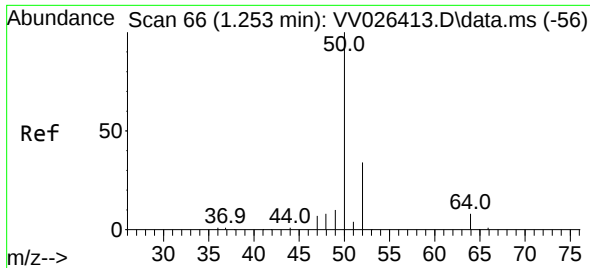
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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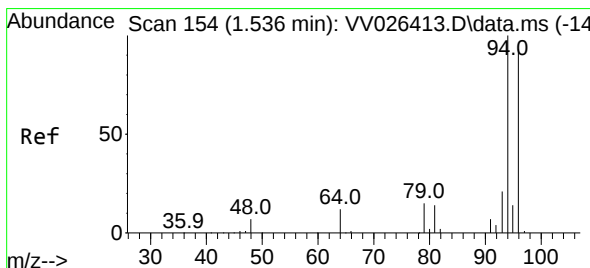
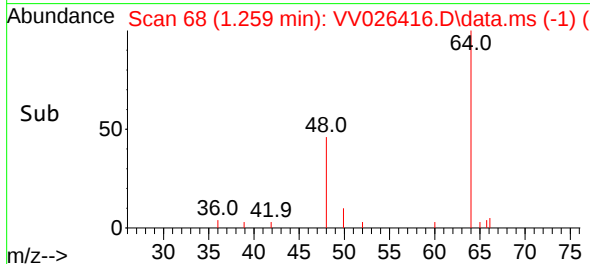
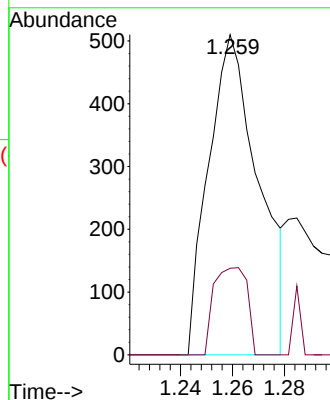
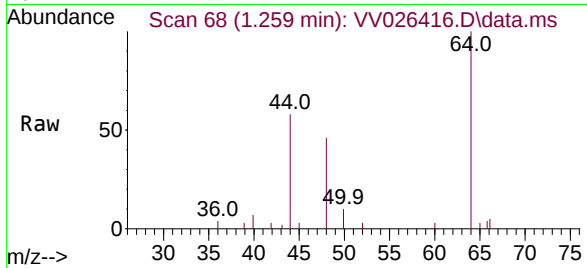




#3
Chloromethane
Concen: 0.043 ug/L
RT: 1.259 min Scan# 61
Delta R.T. 0.006 min
Lab File: VV026416.D
Acq: 18 Jun 2022 11:37

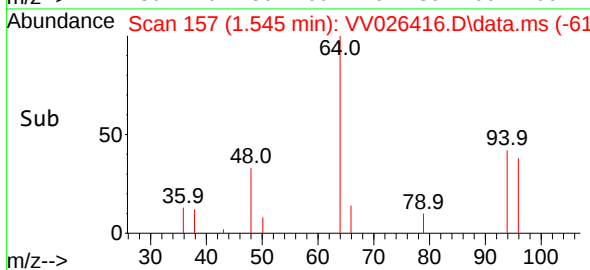
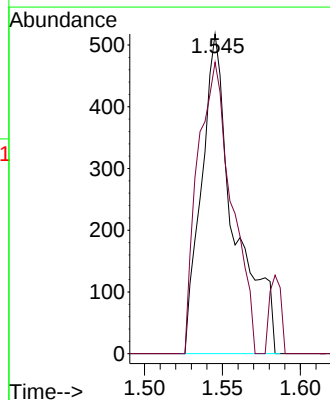
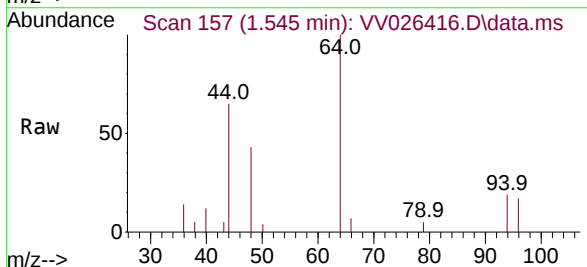
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

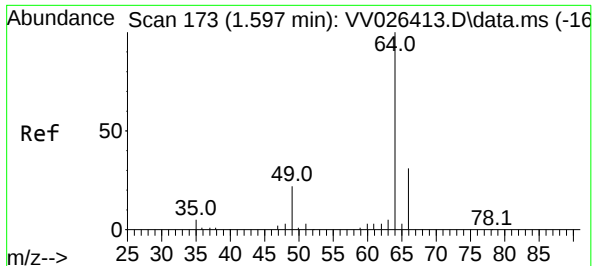
Tgt Ion: 50 Resp: 683
Ion Ratio Lower Upper
50 100
52 27.1 23.7 44.1



#6
Bromomethane
Concen: 0.083 ug/L
RT: 1.545 min Scan# 157
Delta R.T. 0.010 min
Lab File: VV026416.D
Acq: 18 Jun 2022 11:37

Tgt Ion: 94 Resp: 765
Ion Ratio Lower Upper
94 100
96 91.1 65.7 121.9

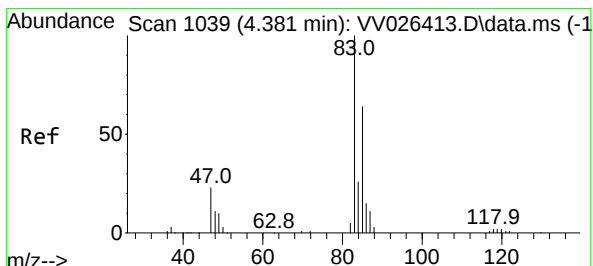
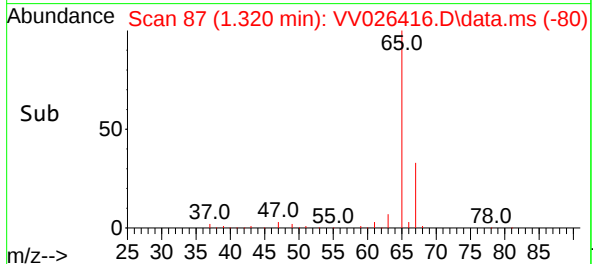
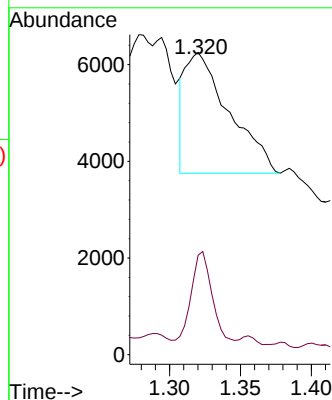
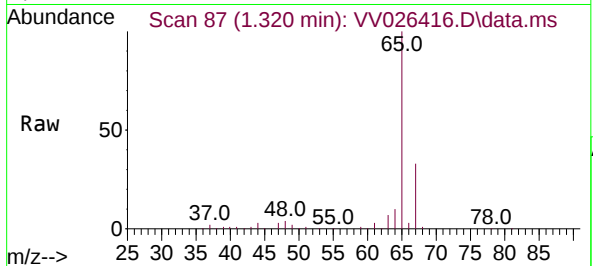




#8
Chloroethane
Concen: 0.528 ug/L
RT: 1.320 min Scan# 81
Delta R.T. -0.277 min
Lab File: VV026416.D
Acq: 18 Jun 2022 11:37

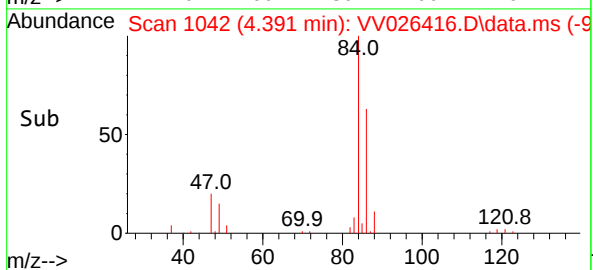
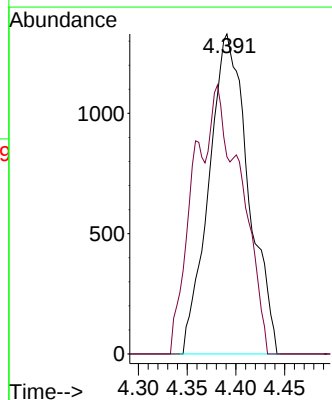
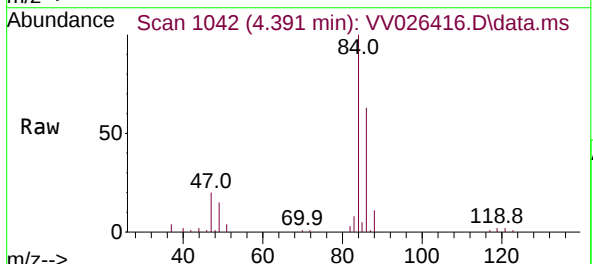
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

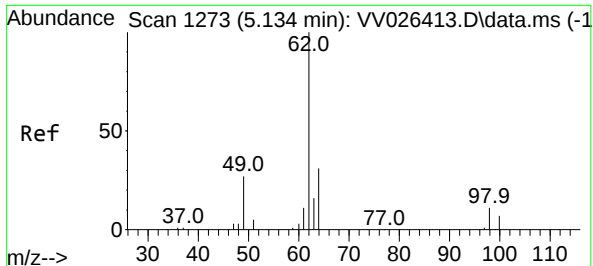
Tgt Ion: 64 Resp: 5395
Ion Ratio Lower Upper
64 100
66 32.9 24.1 44.7



#25
Chloroform
Concen: 0.155 ug/L
RT: 4.391 min Scan# 1042
Delta R.T. 0.010 min
Lab File: VV026416.D
Acq: 18 Jun 2022 11:37

Tgt Ion: 83 Resp: 3756
Ion Ratio Lower Upper
83 100
85 61.6 46.5 86.3





#27

1,2-Dichloroethane

Concen: 0.131 ug/L

RT: 5.060 min Scan# 1

Delta R.T. -0.074 min

Lab File: VV026416.D

Acq: 18 Jun 2022 11:37

Instrument :

MSVOA_V

ClientSampleId :

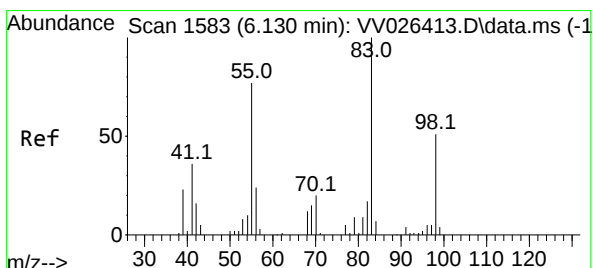
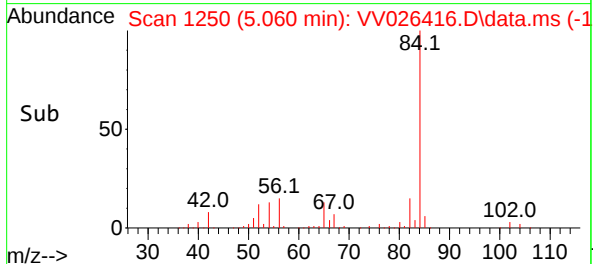
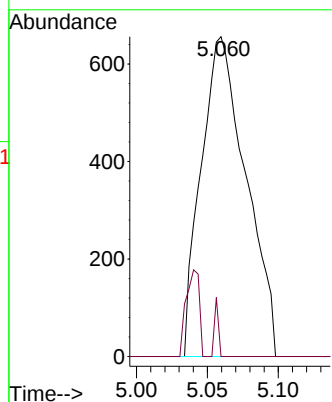
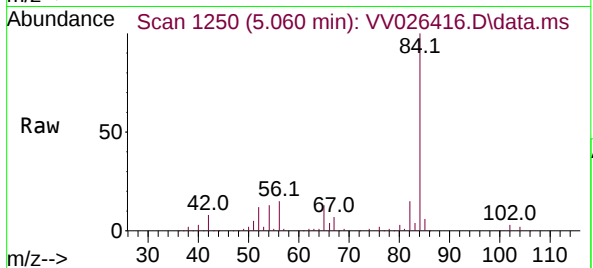
VHBLK001

Tgt Ion: 62 Resp: 1442

Ion Ratio Lower Upper

62 100

98 0.0 8.6 13.0#



#35

Methylcyclohexane

Concen: 1.091 ug/L

RT: 6.076 min Scan# 1566

Delta R.T. -0.055 min

Lab File: VV026416.D

Acq: 18 Jun 2022 11:37

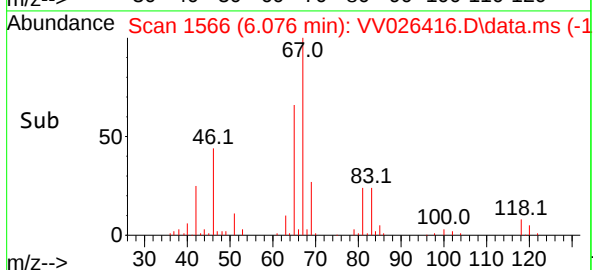
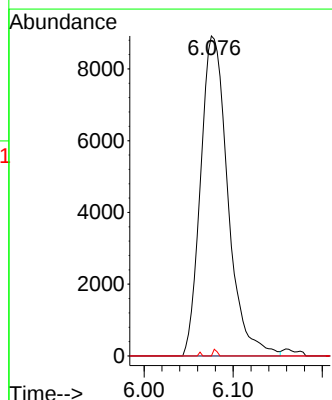
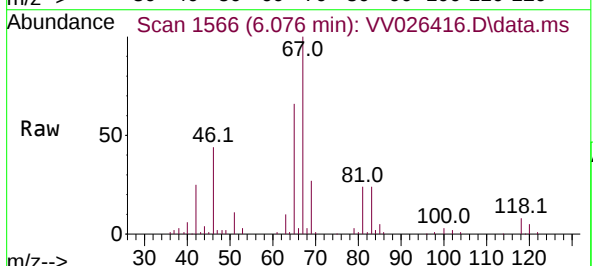
Tgt Ion: 83 Resp: 18982

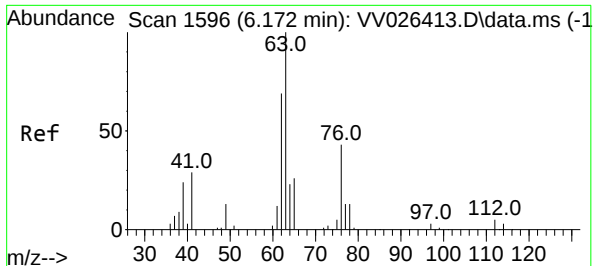
Ion Ratio Lower Upper

83 100

55 0.0 59.3 88.9#

98 0.3 39.9 59.9#





#37

1,2-Dichloropropane

Concen: 0.655 ug/L

RT: 6.079 min Scan# 1

Delta R.T. -0.093 min

Lab File: VV026416.D

Acq: 18 Jun 2022 11:37

Instrument :

MSVOA_V

ClientSampleId :

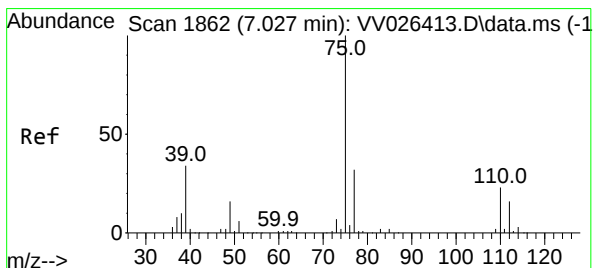
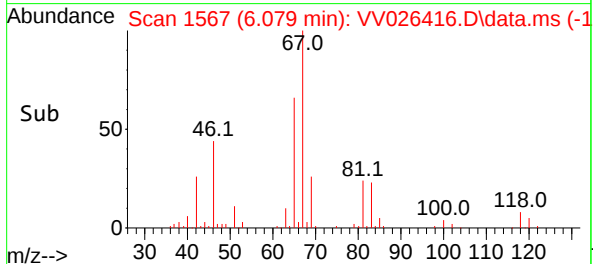
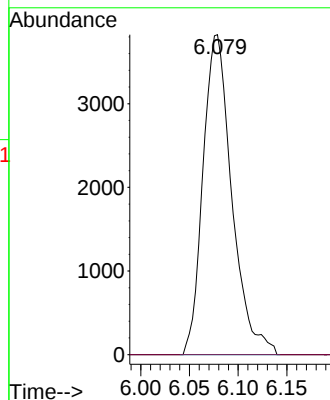
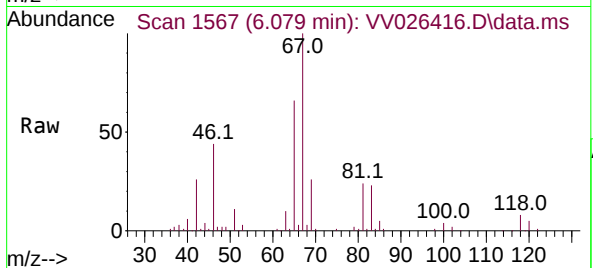
VHBLK001

Tgt Ion: 63 Resp: 7884

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#39

cis-1,3-Dichloropropene

Concen: 0.099 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.035 min

Lab File: VV026416.D

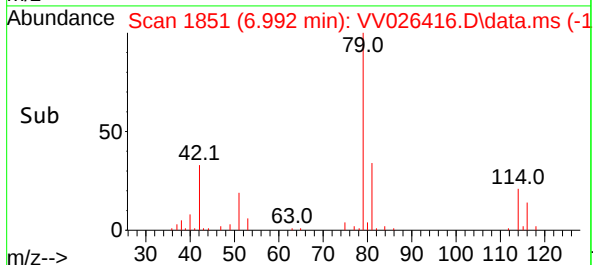
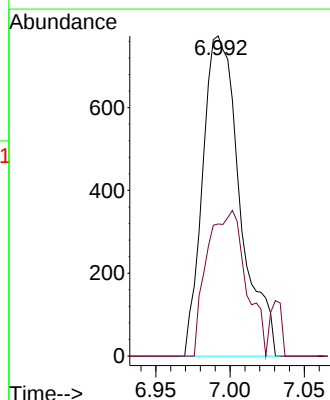
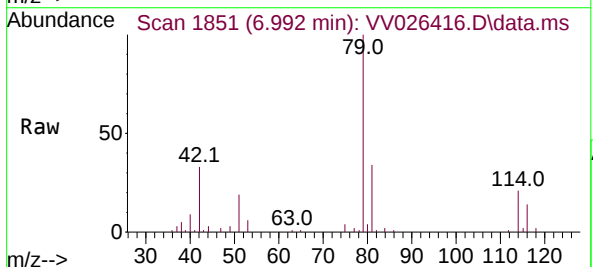
Acq: 18 Jun 2022 11:37

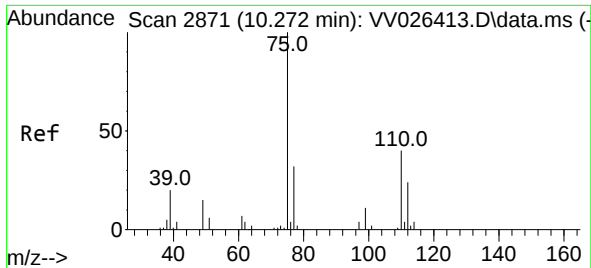
Tgt Ion: 75 Resp: 1356

Ion Ratio Lower Upper

75 100

77 41.3 23.0 42.6





#61
 1,2,3-Trichloropropane
 Concen: 1.685 ug/L
 RT: 11.246 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV026416.D
 Acq: 18 Jun 2022 11:37

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Tgt Ion	Ratio	Lower	Upper
75	100		
77	34.1	26.9	40.3
110	2.4	30.7	46.1

