

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081622\
 Data File : VV027411.D
 Acq On : 16 Aug 2022 16:49
 Operator : SY/MD
 Sample : N4192-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK001

Quant Time: Aug 17 00:31:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 16 00:24:20 2022
 Response via : Initial Calibration

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

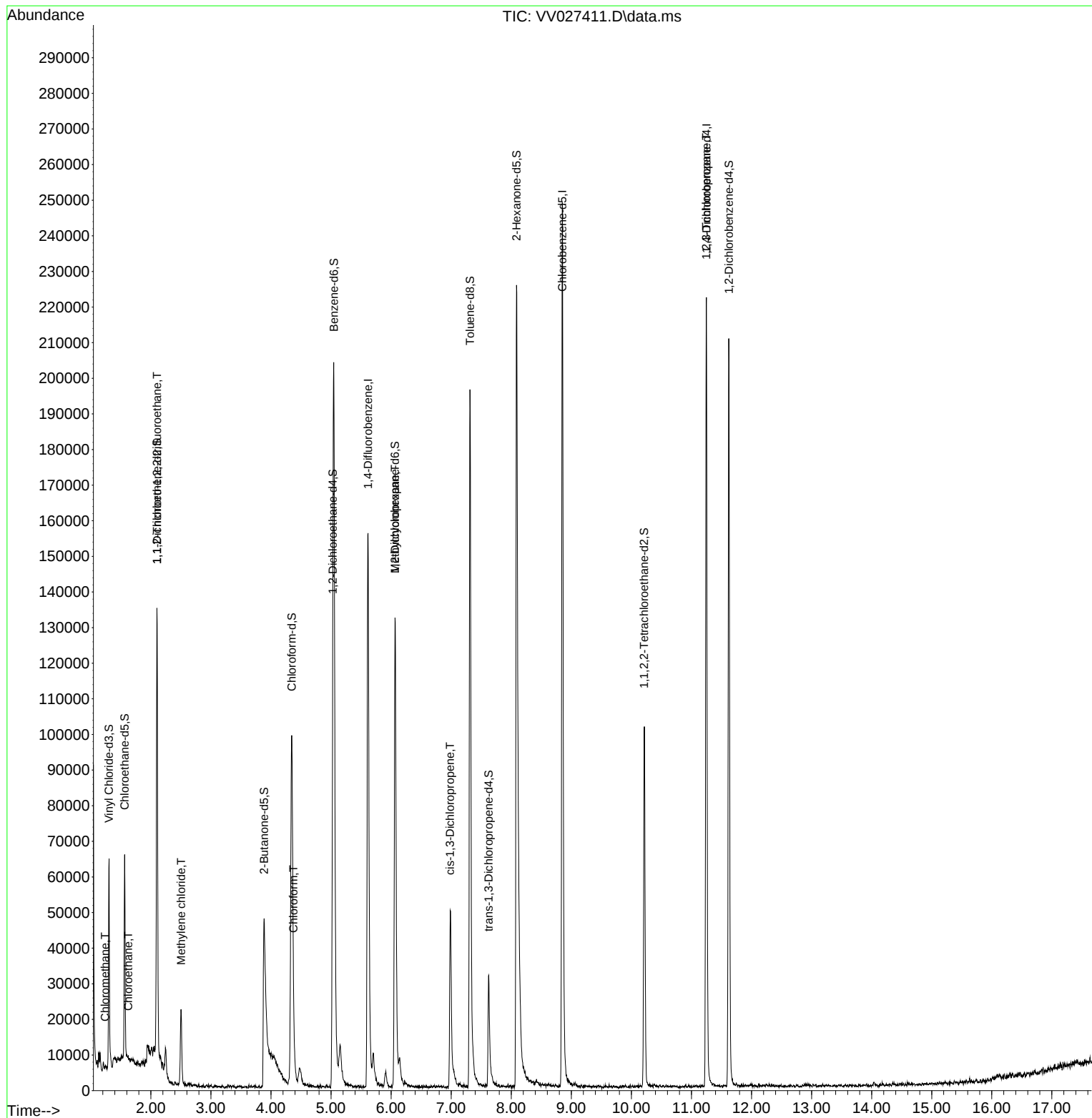
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	130840	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	139238	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	57739	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	39716	3.494	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.800%
7) Chloroethane-d5	1.564	69	34821	4.218	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.400%
11) 1,1-Dichloroethene-d2	2.101	63	66180	3.210	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.200%
20) 2-Butanone-d5	3.886	46	88749	46.100	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.200%
24) Chloroform-d	4.346	84	100488	4.820	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
26) 1,2-Dichloroethane-d4	5.027	65	53639	5.401	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.000%
32) Benzene-d6	5.047	84	173540	4.225	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.600%
36) 1,2-Dichloropropane-d6	6.066	67	61940	4.877	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.600%
41) Toluene-d8	7.313	98	137221	3.649	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.000%
43) trans-1,3-Dichloroprop...	7.622	79	19467	4.425	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.600%
46) 2-Hexanone-d5	8.088	63	89991	52.861	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.720%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	49371	5.374	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	52714	5.290	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.800%
Target Compounds						
3) Chloromethane	1.240	50	676	0.043	ug/L	83
8) Chloroethane	1.622	64	697	0.086	ug/L #	55
10) 1,1,2-Trichloro-1,2,2-...	2.101	101	830	0.091	ug/L #	19
16) Methylene chloride	2.503	84	8301	0.549	ug/L	90
25) Chloroform	4.375	83	8949	0.393	ug/L	96
35) Methylcyclohexane	6.066	83	15338	0.940	ug/L #	16
39) cis-1,3-Dichloropropene	6.982	75	1609	0.112	ug/L	90
61) 1,2,3-Trichloropropane	11.246	75	6851	1.232	ug/L #	66

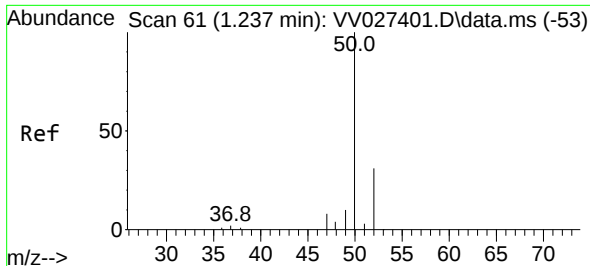
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081622\
Data File : VV027411.D
Acq On : 16 Aug 2022 16:49
Operator : SY/MD
Sample : N4192-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

Quant Time: Aug 17 00:31:03 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Aug 16 00:24:20 2022
Response via : Initial Calibration

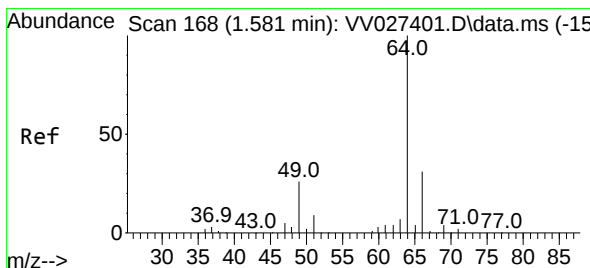
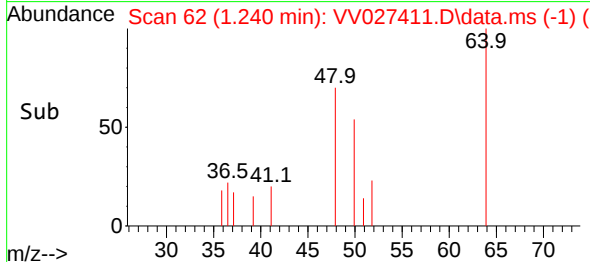
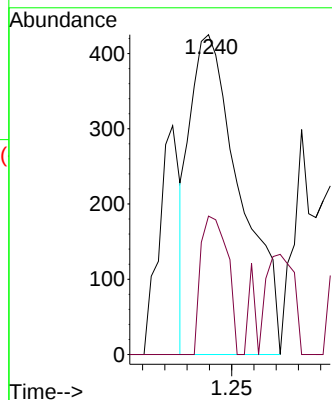
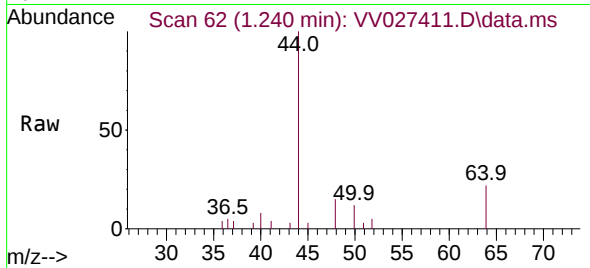




#3
Chloromethane
Concen: 0.043 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV027411.D
Acq: 16 Aug 2022 16:49

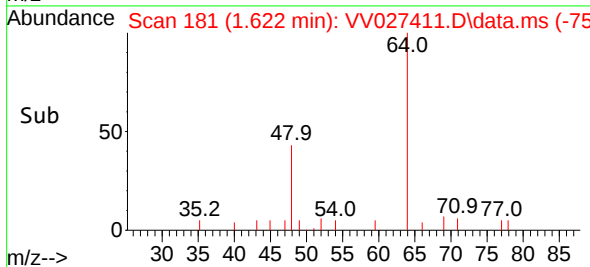
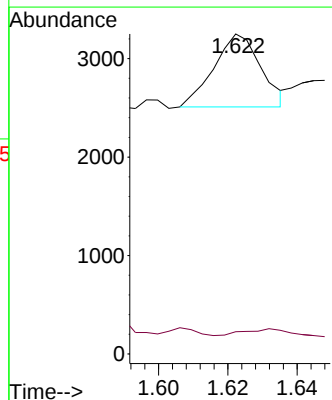
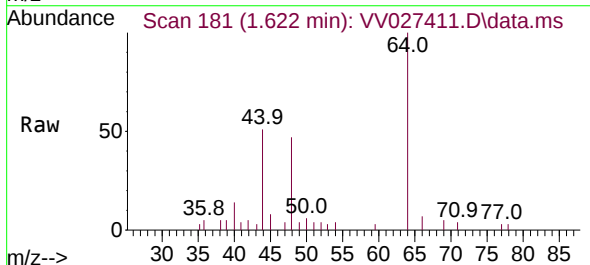
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

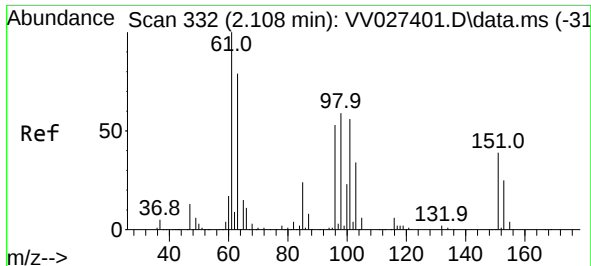
Tgt Ion: 50 Resp: 676
Ion Ratio Lower Upper
50 100
52 43.3 23.4 43.4



#8
Chloroethane
Concen: 0.086 ug/L
RT: 1.622 min Scan# 181
Delta R.T. 0.042 min
Lab File: VV027411.D
Acq: 16 Aug 2022 16:49

Tgt Ion: 64 Resp: 697
Ion Ratio Lower Upper
64 100
66 7.0 22.3 41.5#





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.091 ug/L

RT: 2.101 min Scan# 31

Delta R.T. -0.010 min

Lab File: VV027411.D

Acq: 16 Aug 2022 16:49

Instrument :

MSVOA_V

ClientSampleId :

VHBLK001

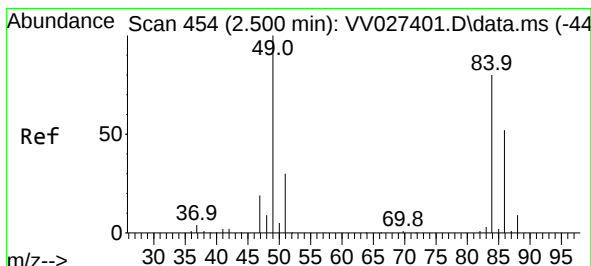
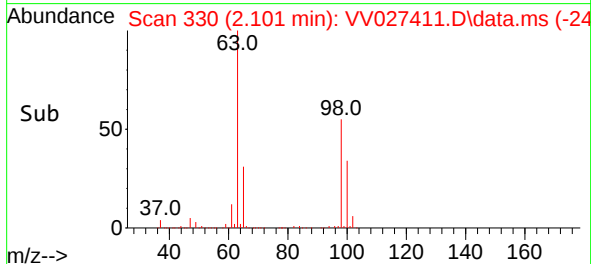
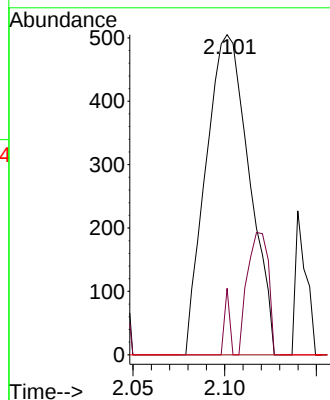
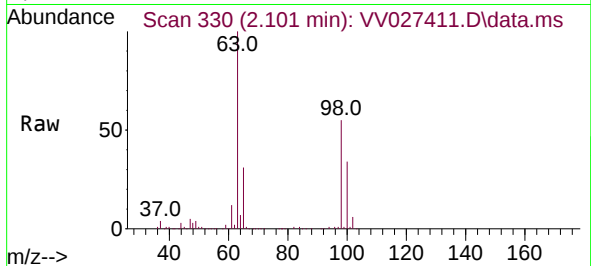
Tgt Ion:101 Resp: 830

Ion Ratio Lower Upper

101 100

85 2.4 36.2 54.4#

151 0.0 62.0 93.0#



#16

Methylene chloride

Concen: 0.549 ug/L

RT: 2.503 min Scan# 455

Delta R.T. 0.003 min

Lab File: VV027411.D

Acq: 16 Aug 2022 16:49

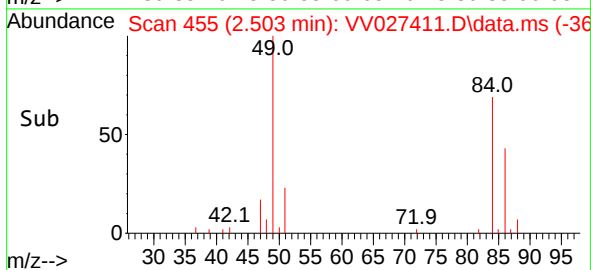
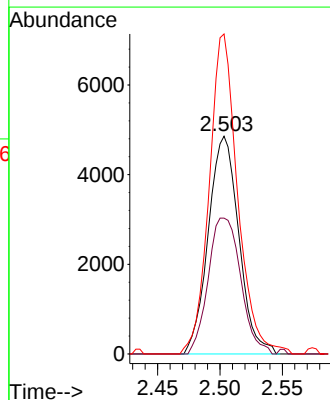
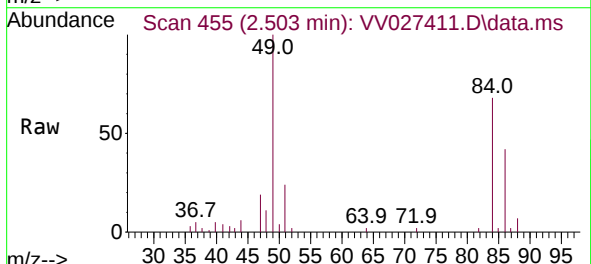
Tgt Ion: 84 Resp: 8301

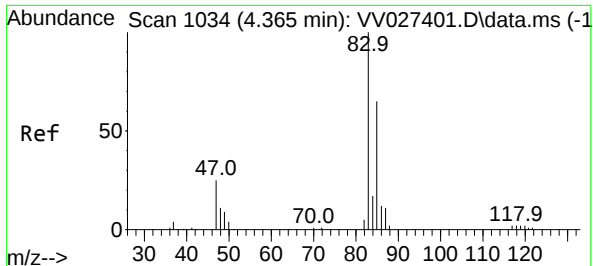
Ion Ratio Lower Upper

84 100

86 62.4 45.1 83.9

49 147.0 91.2 169.4





#25

Chloroform

Concen: 0.393 ug/L

RT: 4.375 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV027411.D

Acq: 16 Aug 2022 16:49

Instrument :

MSVOA_V

ClientSampleId :

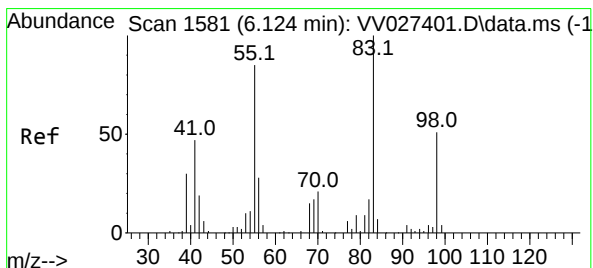
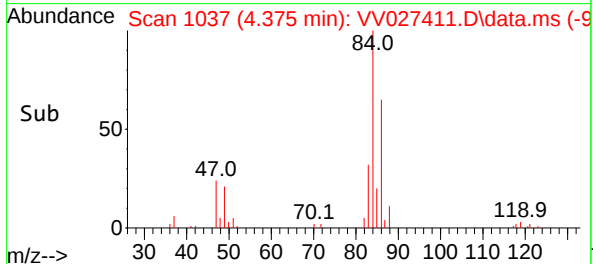
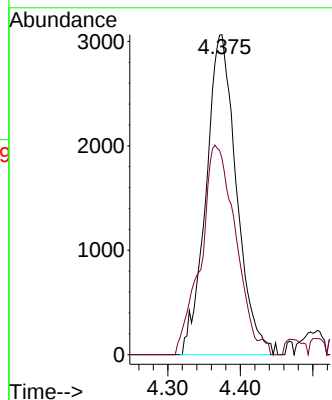
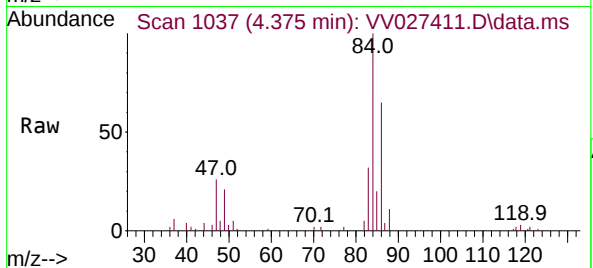
VHBLK001

Tgt Ion: 83 Resp: 8949

Ion Ratio Lower Upper

83 100

85 61.4 45.2 84.0



#35

Methylcyclohexane

Concen: 0.940 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.058 min

Lab File: VV027411.D

Acq: 16 Aug 2022 16:49

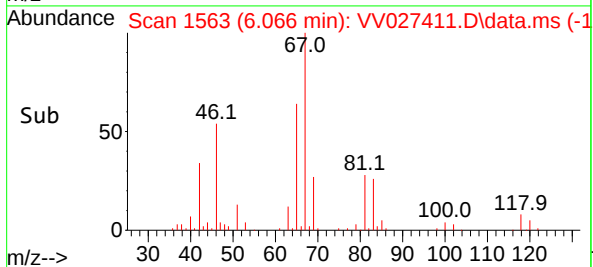
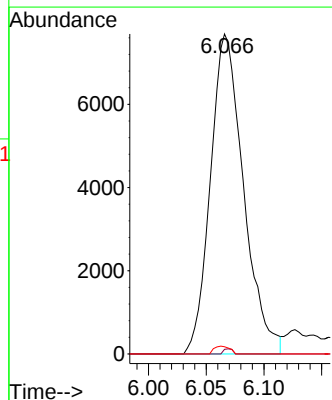
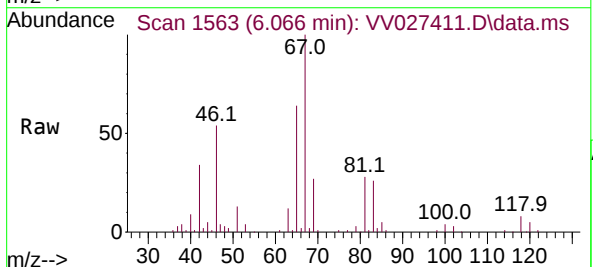
Tgt Ion: 83 Resp: 15338

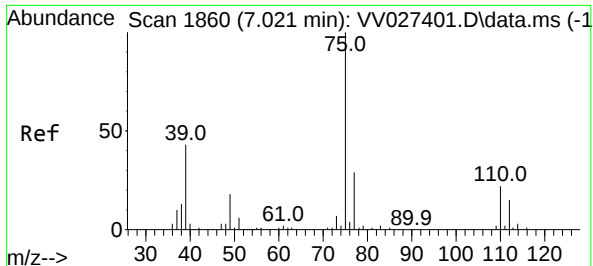
Ion Ratio Lower Upper

83 100

55 0.4 67.0 100.6#

98 1.2 38.7 58.1#





#39

cis-1,3-Dichloropropene

Concen: 0.112 ug/L

RT: 6.982 min Scan# 11

Delta R.T. -0.042 min

Lab File: VV027411.D

Acq: 16 Aug 2022 16:49

Instrument :

MSVOA_V

ClientSampleId :

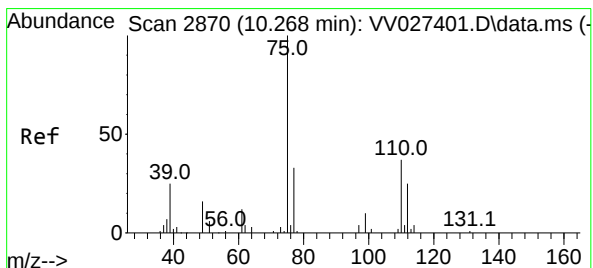
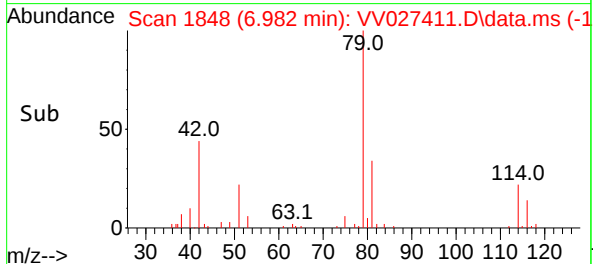
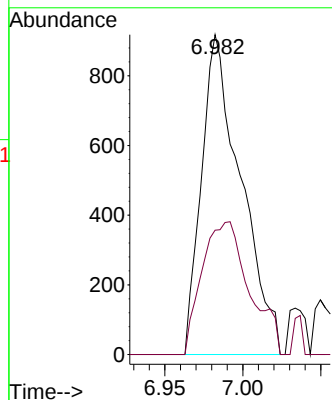
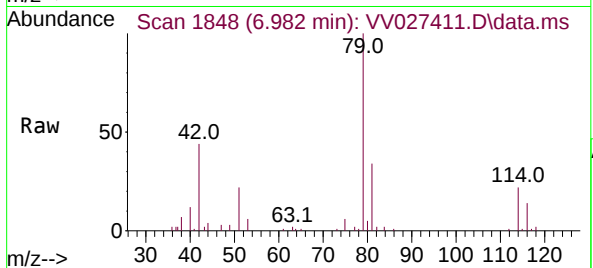
VHBLK001

Tgt Ion: 75 Resp: 1609

Ion Ratio Lower Upper

75 100

77 38.9 23.2 43.0



#61

1,2,3-Trichloropropane

Concen: 1.232 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV027411.D

Acq: 16 Aug 2022 16:49

Tgt Ion: 75 Resp: 6851

Ion Ratio Lower Upper

75 100

77 32.5 26.6 39.8

110 1.4 31.0 46.6#

