

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082922\
 Data File : VV027557.D
 Acq On : 29 Aug 2022 12:37
 Operator : SY/MD
 Sample : VV0829WBL01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK216

Quant Time: Aug 30 04:18:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 27 03:12:26 2022
 Response via : Initial Calibration

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

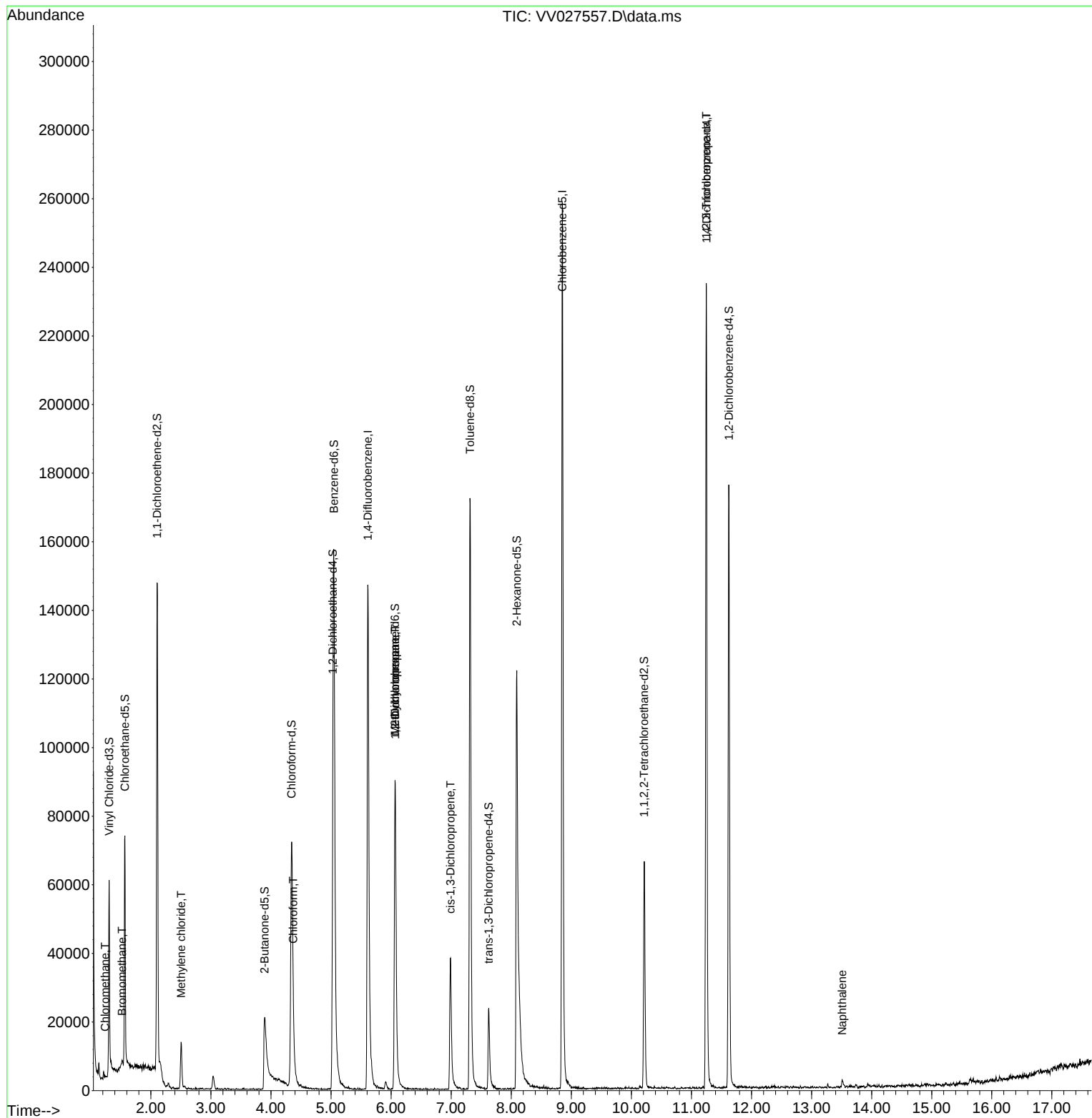
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	134275	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	142524	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	63378	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	40204	4.207	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	84.200%	
7) Chloroethane-d5	1.568	69	43058	6.156	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	123.200%	
11) 1,1-Dichloroethene-d2	2.105	63	75597	3.392	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	67.800%	
20) 2-Butanone-d5	3.892	46	40365	33.940	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	67.880%	
24) Chloroform-d	4.342	84	76543	4.006	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	80.200%	
26) 1,2-Dichloroethane-d4	5.031	65	40702	4.924	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.400%	
32) Benzene-d6	5.047	84	151686	3.842	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	76.800%	
36) 1,2-Dichloropropane-d6	6.066	67	43925	3.827	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	76.600%	
41) Toluene-d8	7.313	98	124758	3.500	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	70.000%	
43) trans-1,3-Dichloroprop...	7.625	79	14626	3.722	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	74.400%	
46) 2-Hexanone-d5	8.092	63	53974	41.724	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	83.440%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	33188	4.541	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	90.800%	
66) 1,2-Dichlorobenzene-d4	11.622	152	45688	4.863	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	97.200%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	575	0.046	ug/L	92
6) Bromomethane	1.519	94	642	0.104	ug/L	100
16) Methylene chloride	2.507	84	6013	0.393	ug/L	84
25) Chloroform	4.371	83	7162	0.304	ug/L	95
35) Methylcyclohexane	6.066	83	11274	0.643	ug/L #	15
37) 1,2-Dichloropropane	6.069	63	5272	0.417	ug/L #	85
39) cis-1,3-Dichloropropene	6.989	75	1310	0.086	ug/L #	69
61) 1,2,3-Trichloropropane	11.246	75	7456	1.341	ug/L #	66
71) Naphthalene	13.509	128	2052	0.133	ug/L #	85

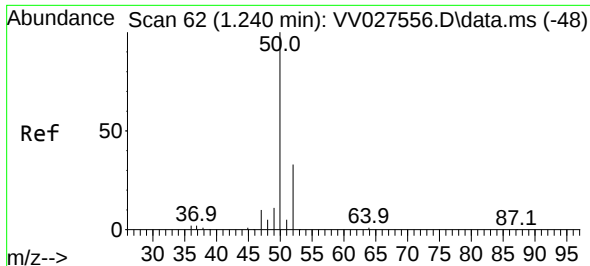
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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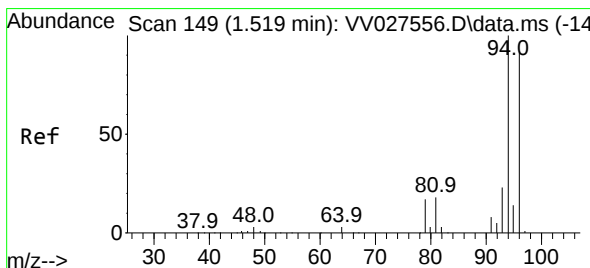
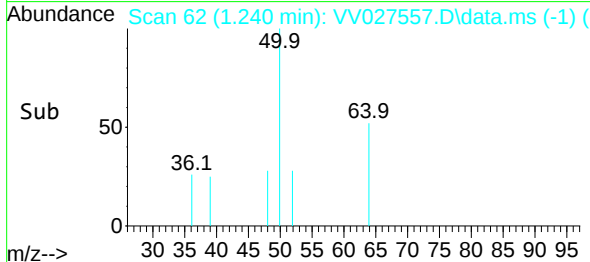
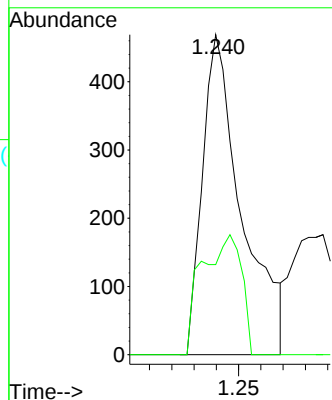
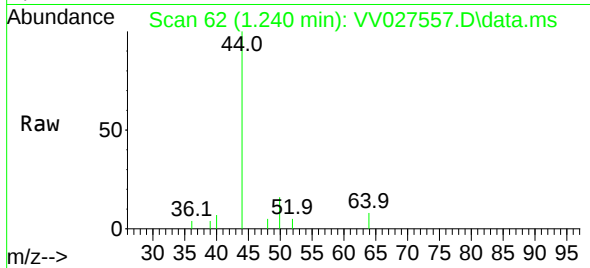




#3
Chloromethane
Concen: 0.046 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV027557.D
Acq: 29 Aug 2022 12:37

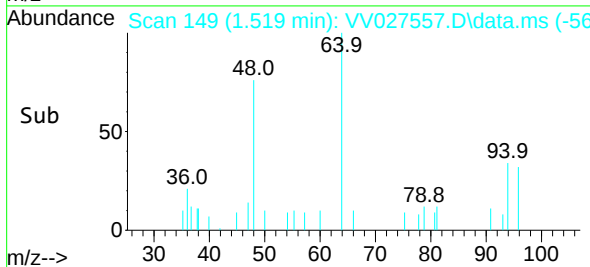
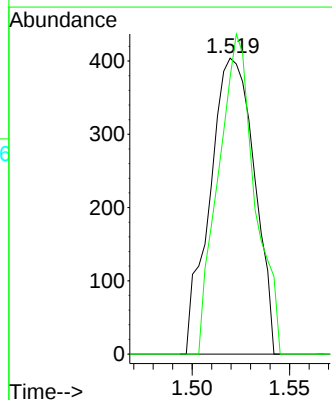
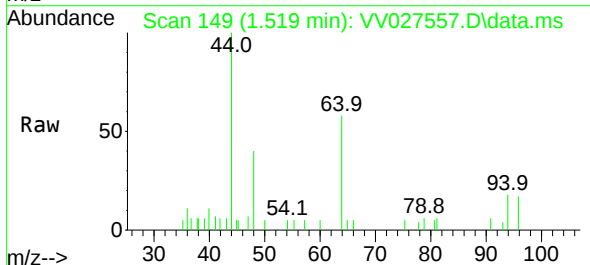
Instrument :
MSVOA_V
ClientSampleId :
VBLK216

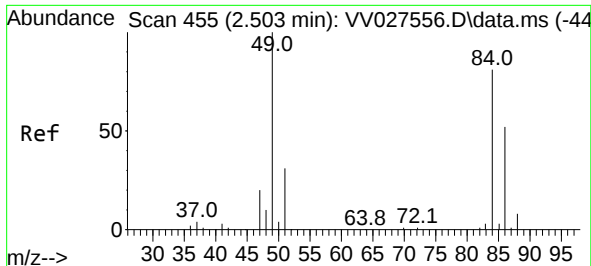
Tgt Ion: 50 Resp: 575
Ion Ratio Lower Upper
50 100
52 28.1 22.8 42.4



#6
Bromomethane
Concen: 0.104 ug/L
RT: 1.519 min Scan# 149
Delta R.T. 0.000 min
Lab File: VV027557.D
Acq: 29 Aug 2022 12:37

Tgt Ion: 94 Resp: 642
Ion Ratio Lower Upper
94 100
96 93.6 65.2 121.0

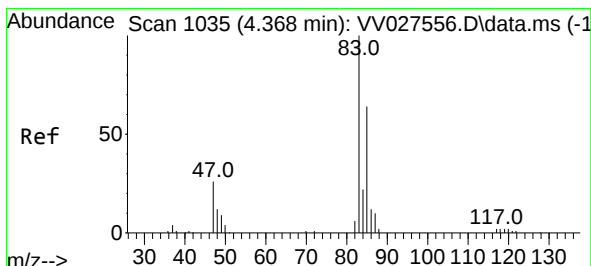
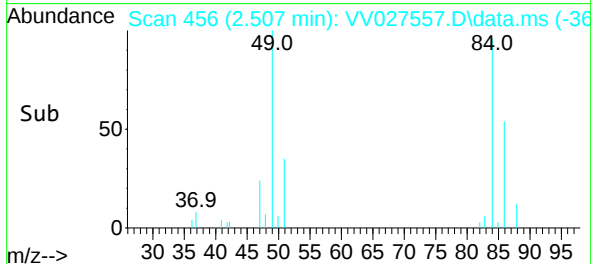
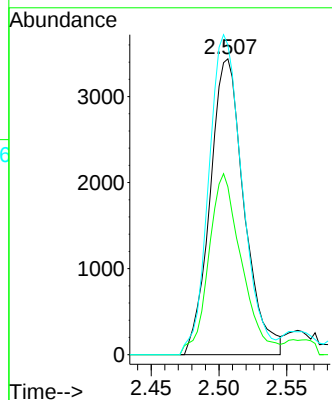
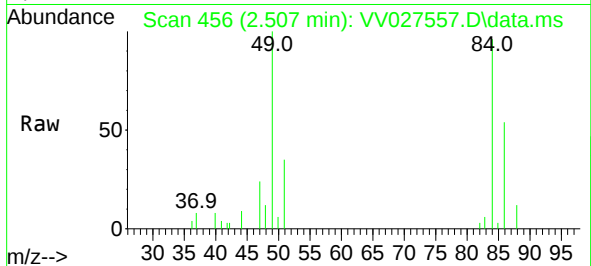




#16
Methylene chloride
Concen: 0.393 ug/L
RT: 2.507 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV027557.D
Acq: 29 Aug 2022 12:37

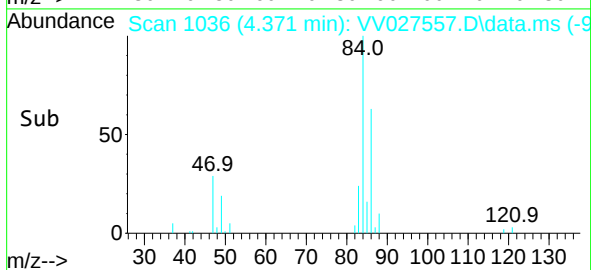
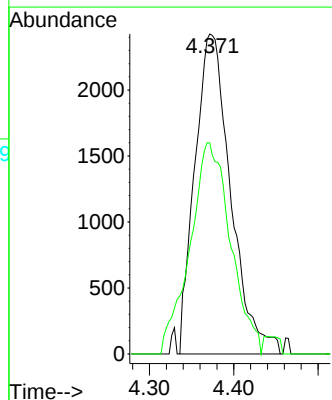
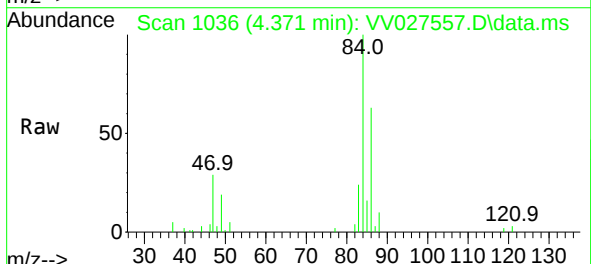
Instrument :
MSVOA_V
ClientSampleId :
VBLK216

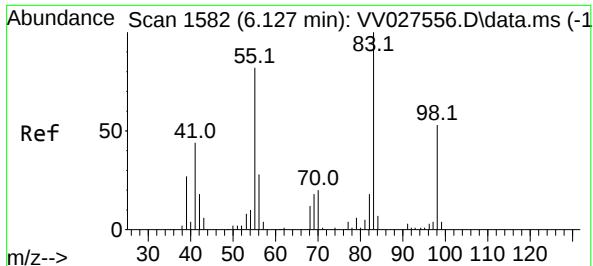
Tgt Ion: 84 Resp: 6013
Ion Ratio Lower Upper
84 100
86 56.7 44.0 81.6
49 104.7 89.4 166.0



#25
Chloroform
Concen: 0.304 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VV027557.D
Acq: 29 Aug 2022 12:37

Tgt Ion: 83 Resp: 7162
Ion Ratio Lower Upper
83 100
85 65.9 43.3 80.5





#35

Methylcyclohexane

Concen: 0.643 ug/L

RT: 6.066 min Scan# 11

Delta R.T. -0.061 min

Lab File: VV027557.D

Acq: 29 Aug 2022 12:37

Instrument :

MSVOA_V

ClientSampleId :

VBLK216

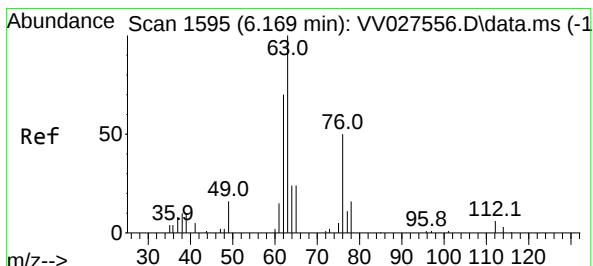
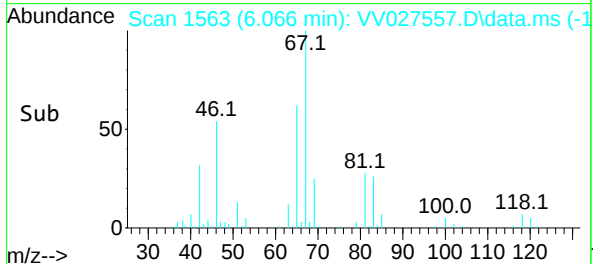
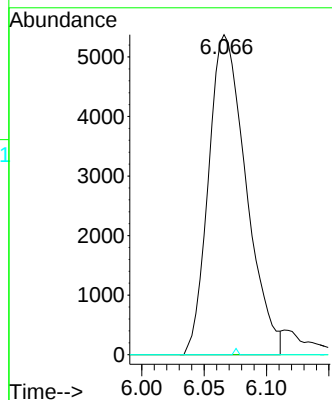
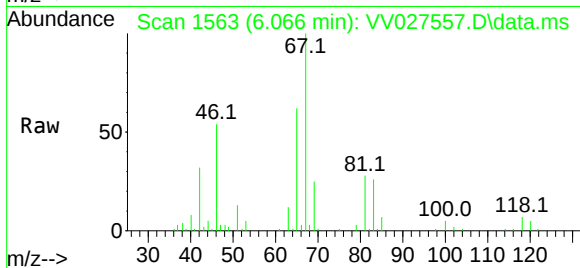
Tgt Ion: 83 Resp: 11274

Ion Ratio Lower Upper

83 100

55 0.0 68.2 102.4#

98 0.2 39.0 58.4#



#37

1,2-Dichloropropane

Concen: 0.417 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.100 min

Lab File: VV027557.D

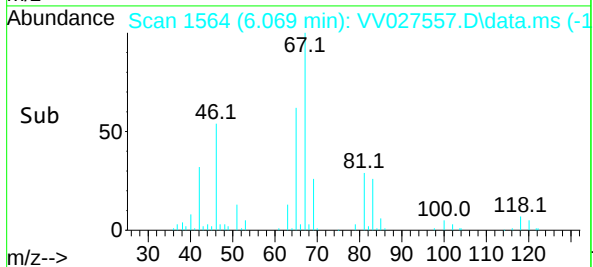
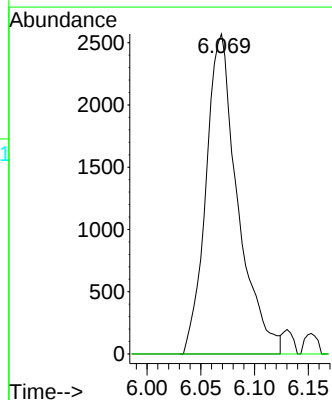
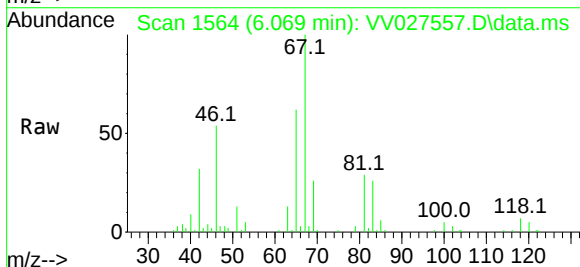
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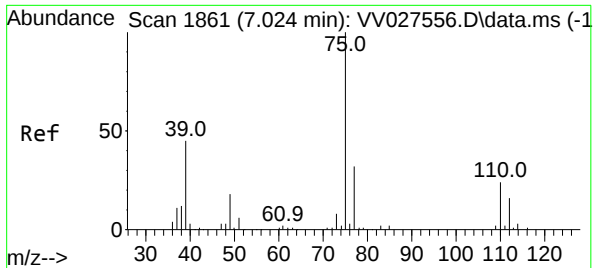
Tgt Ion: 63 Resp: 5272

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#





#39

cis-1,3-Dichloropropene

Concen: 0.086 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV027557.D

Acq: 29 Aug 2022 12:37

Instrument :

MSVOA_V

ClientSampleId :

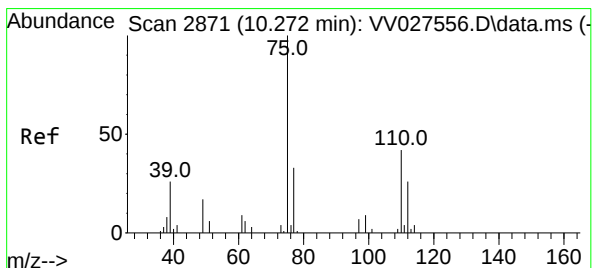
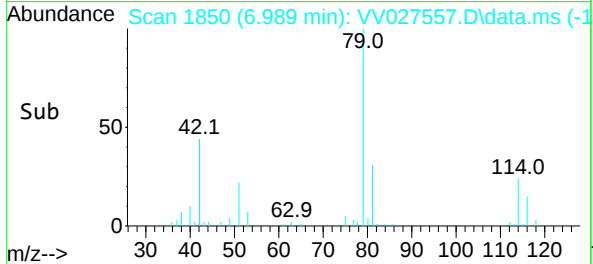
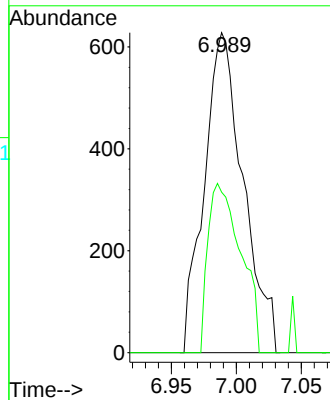
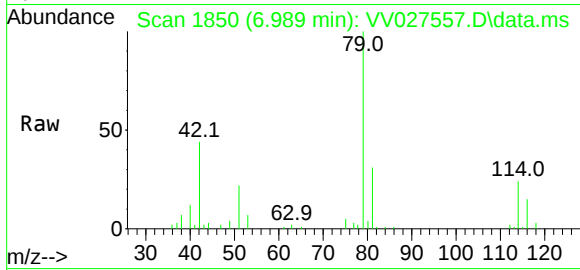
VBLK216

Tgt Ion: 75 Resp: 1310

Ion Ratio Lower Upper

75 100

77 50.2 22.9 42.5#



#61

1,2,3-Trichloropropane

Concen: 1.341 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV027557.D

Acq: 29 Aug 2022 12:37

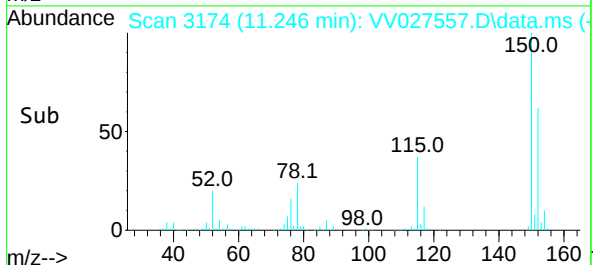
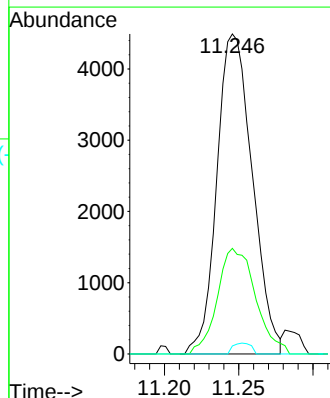
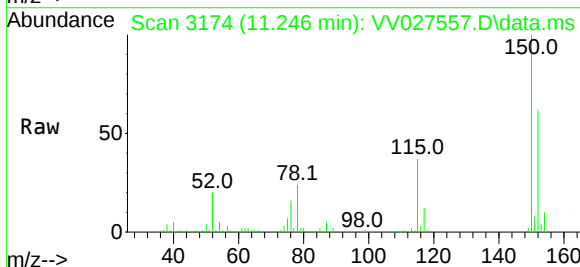
Tgt Ion: 75 Resp: 7456

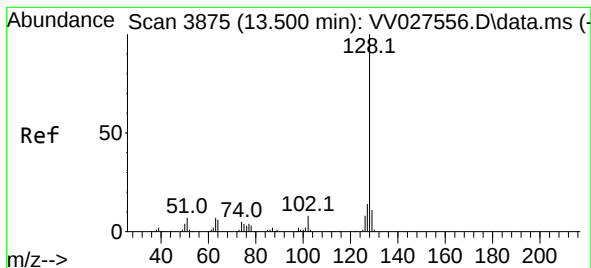
Ion Ratio Lower Upper

75 100

77 35.5 26.2 39.2

110 1.7 29.9 44.9#





#71

Naphthalene

Concen: 0.133 ug/L

RT: 13.509 min Scan# 3875

Delta R.T. 0.010 min

Lab File: VV027557.D

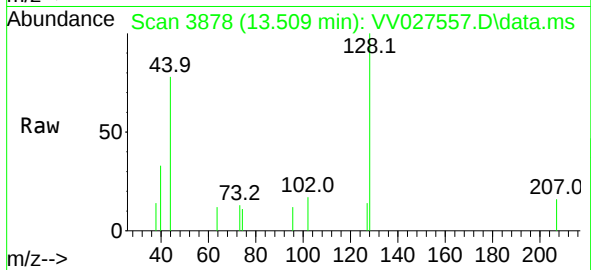
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Tgt Ion:128 Resp: 2052

Ion Ratio Lower Upper

128 100

129 1.0 8.7 13.1#

127 15.0 10.4 15.6

