

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011623\
 Data File : VV029867.D
 Acq On : 16 Jan 2023 10:56
 Operator : SY/MD
 Sample : VV0116WBL01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK292

Quant Time: Jan 17 00:37:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 12 22:05:54 2023
 Response via : Initial Calibration

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

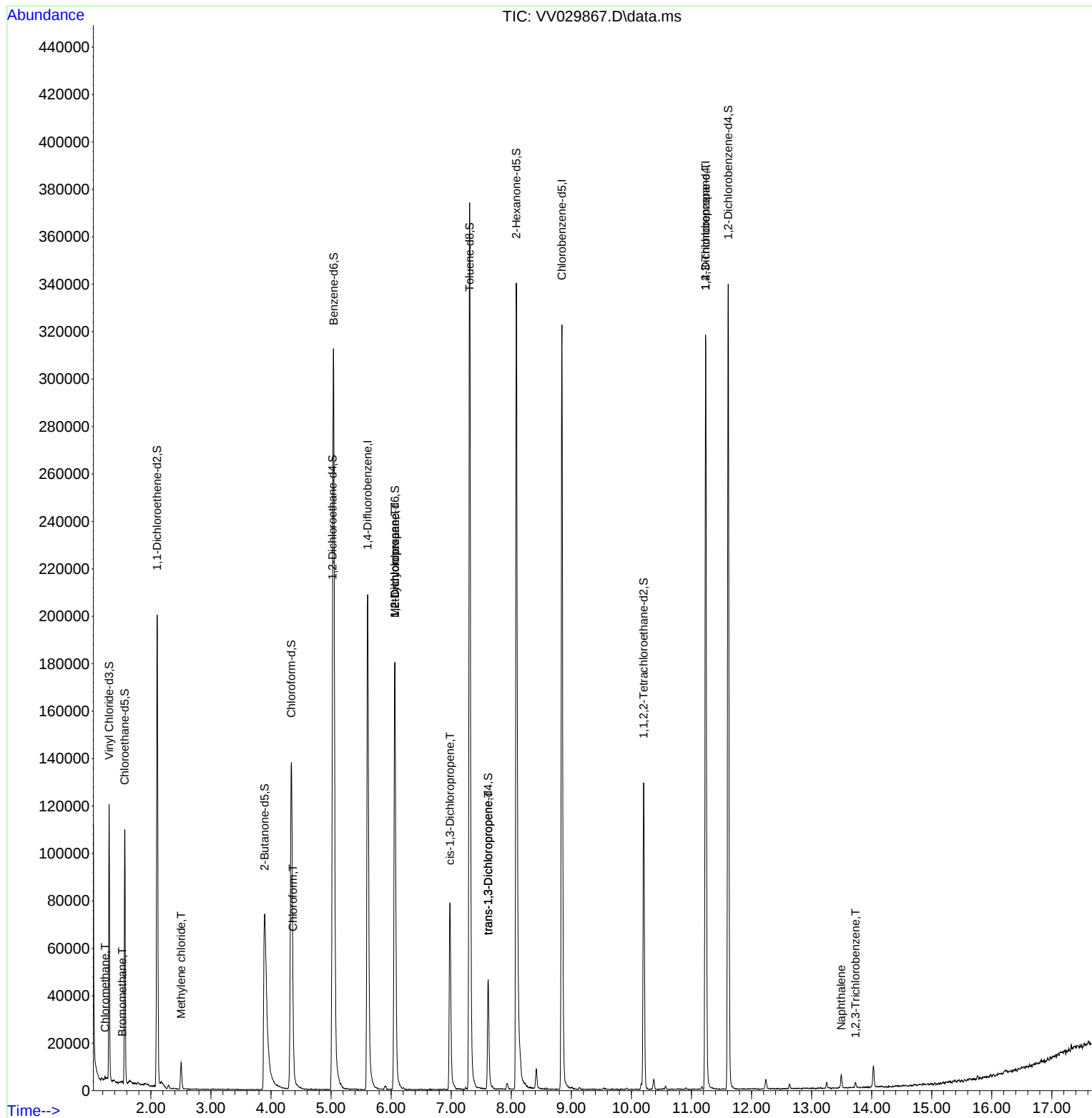
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	200484	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	191186	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	91248	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	73446	4.830	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	96.600%	
7) Chloroethane-d5	1.565	69	68192	5.410	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	108.200%	
11) 1,1-Dichloroethene-d2	2.105	63	102469	3.696	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	74.000%	
20) 2-Butanone-d5	3.892	46	147507	54.729	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	109.460%	
24) Chloroform-d	4.339	84	155328	5.568	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	111.400%	
26) 1,2-Dichloroethane-d4	5.024	65	67988	5.755	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	115.200%	
32) Benzene-d6	5.043	84	315944	5.571	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	111.400%	
36) 1,2-Dichloropropane-d6	6.063	67	94999	5.724	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	114.400%	
41) Toluene-d8	7.307	98	270240	5.147	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	103.000%	
43) trans-1,3-Dichloroprop...	7.616	79	30113	4.968	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	99.400%	
46) 2-Hexanone-d5	8.085	63	135489	54.903	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	109.800%	
56) 1,1,2,2-Tetrachloroeth...	10.204	84	65970	5.424	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	108.400%	
66) 1,2-Dichlorobenzene-d4	11.612	152	95418	5.752	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	115.000%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	841	0.043	ug/L	97
6) Bromomethane	1.523	94	408	0.044	ug/L	88
16) Methylene chloride	2.507	84	5162	0.243	ug/L	93
25) Chloroform	4.365	83	2607	0.090	ug/L	99
35) Methylcyclohexane	6.063	83	23597	0.873	ug/L #	20
37) 1,2-Dichloropropane	6.063	63	9741	0.658	ug/L #	85
39) cis-1,3-Dichloropropene	6.982	75	2020	0.102	ug/L #	40
44) trans-1,3-Dichloropropene	7.616	75	1450	0.091	ug/L #	64
61) 1,2,3-Trichloropropane	11.236	75	9891	1.464	ug/L #	66
71) Naphthalene	13.493	128	5514	0.228	ug/L	96
72) 1,2,3-Trichlorobenzene	13.731	180	920	0.060	ug/L	94

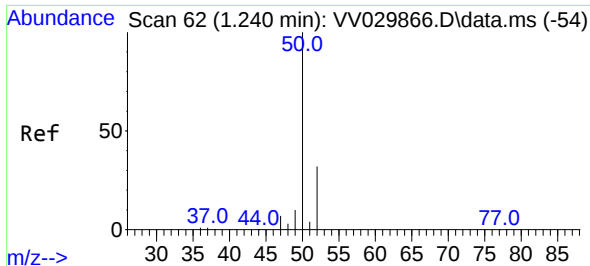
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 17 00:37:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 12 22:05:54 2023
Response via : Initial Calibration

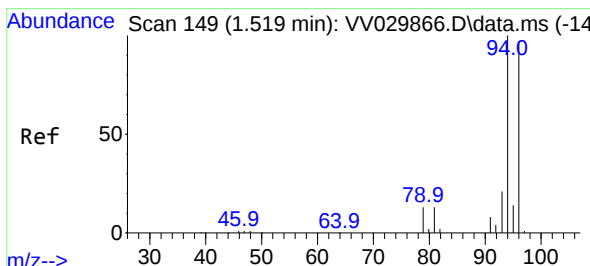
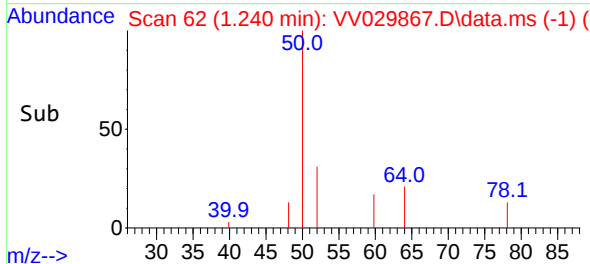
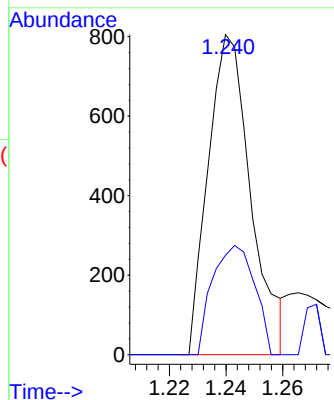
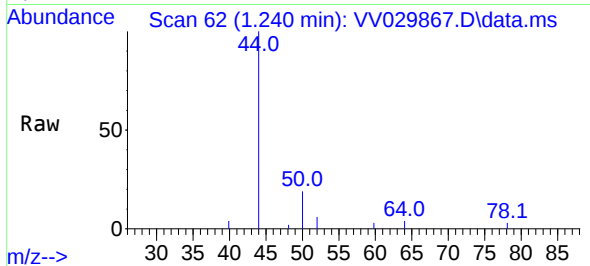




#3
Chloromethane
Concen: 0.043 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV029867.D
Acq: 16 Jan 2023 10:56

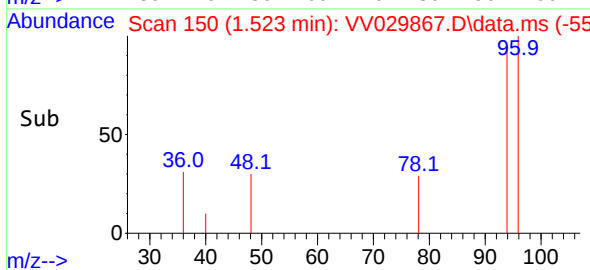
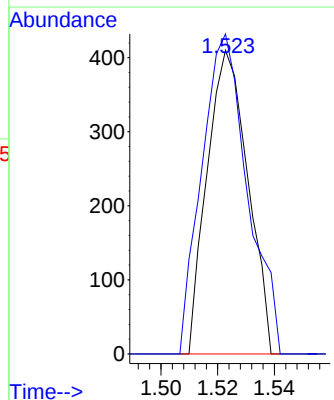
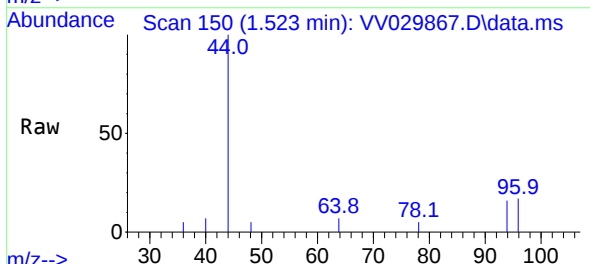
Instrument :
MSVOA_V
ClientSampleId :
VBLK292

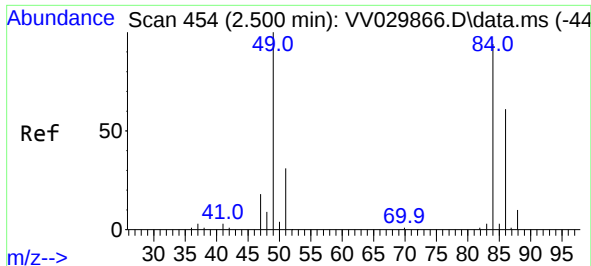
Tgt Ion: 50 Resp: 841
Ion Ratio Lower Upper
50 100
52 31.1 23.1 42.9



#6
Bromomethane
Concen: 0.044 ug/L
RT: 1.523 min Scan# 150
Delta R.T. 0.006 min
Lab File: VV029867.D
Acq: 16 Jan 2023 10:56

Tgt Ion: 94 Resp: 408
Ion Ratio Lower Upper
94 100
96 105.4 65.9 122.5

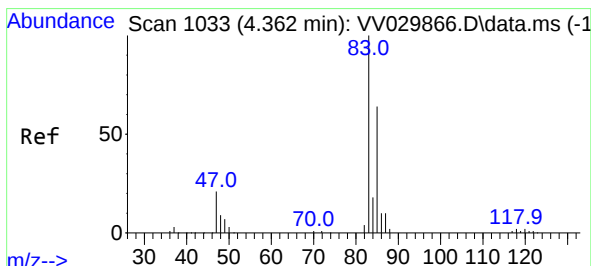
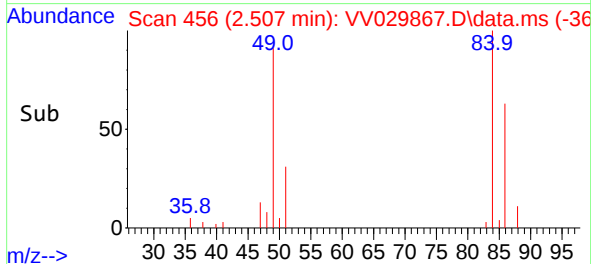
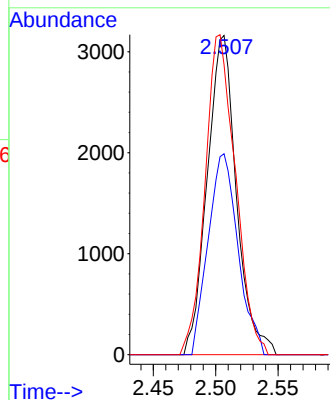
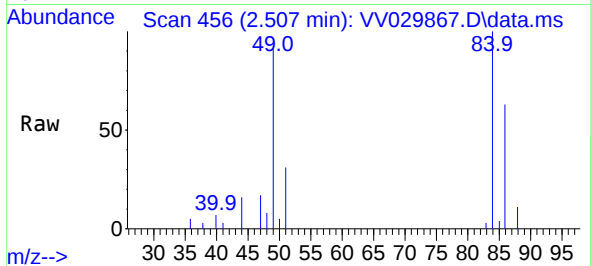




#16
Methylene chloride
Concen: 0.243 ug/L
RT: 2.507 min Scan# 41
Delta R.T. 0.010 min
Lab File: VV029867.D
Acq: 16 Jan 2023 10:56

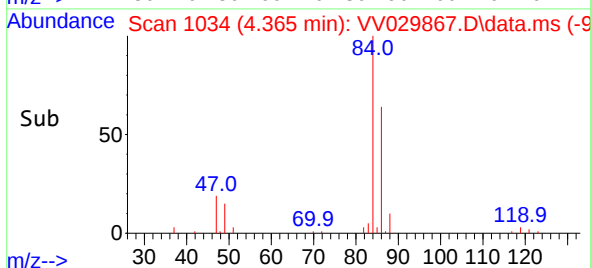
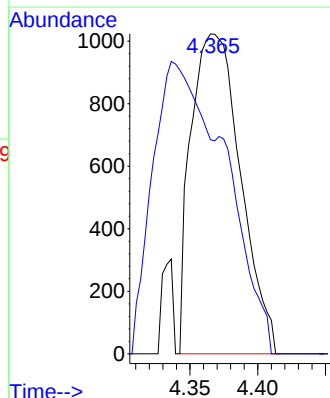
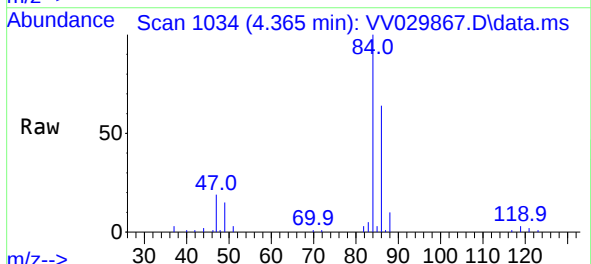
Instrument :
MSVOA_V
ClientSampleId :
VBLK292

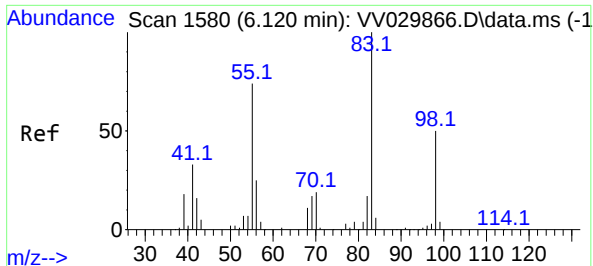
Tgt Ion: 84 Resp: 5162
Ion Ratio Lower Upper
84 100
86 63.0 45.0 83.6
49 90.9 71.5 132.7



#25
Chloroform
Concen: 0.090 ug/L
RT: 4.365 min Scan# 1034
Delta R.T. 0.003 min
Lab File: VV029867.D
Acq: 16 Jan 2023 10:56

Tgt Ion: 83 Resp: 2607
Ion Ratio Lower Upper
83 100
85 67.0 46.5 86.5





#35

Methylcyclohexane

Concen: 0.873 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.058 min

Lab File: VV029867.D

Acq: 16 Jan 2023 10:56

Instrument :

MSVOA_V

ClientSampleId :

VBLK292

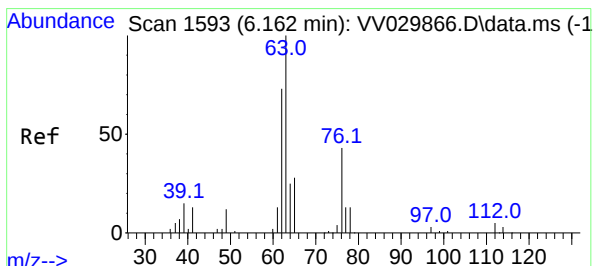
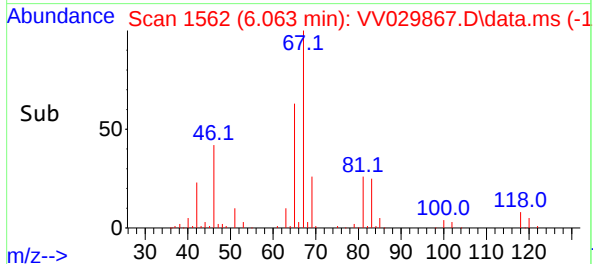
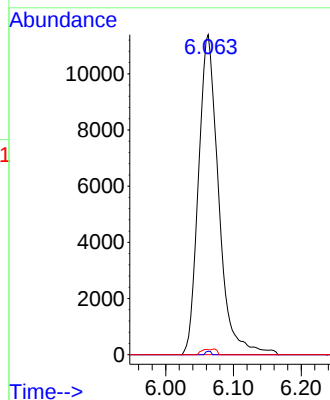
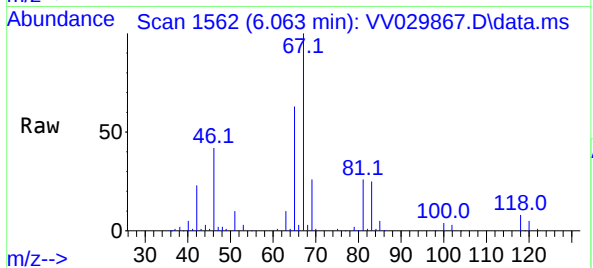
Tgt Ion: 83 Resp: 23597

Ion Ratio Lower Upper

83 100

55 0.3 57.3 85.9#

98 0.8 39.0 58.6#



#37

1,2-Dichloropropane

Concen: 0.658 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.100 min

Lab File: VV029867.D

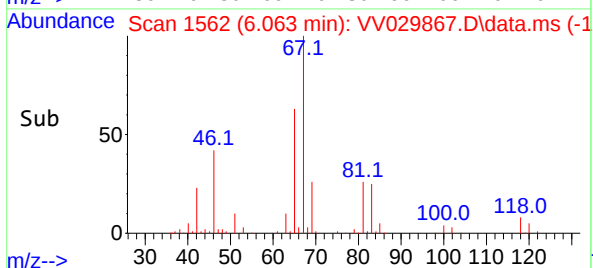
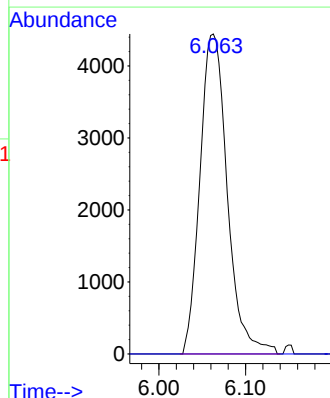
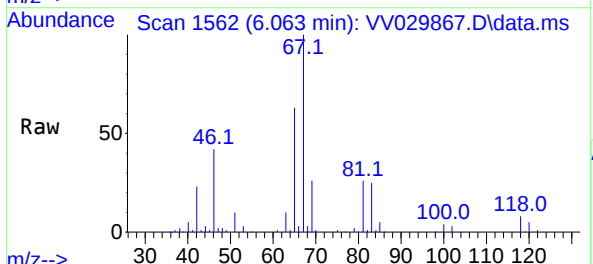
Acq: 16 Jan 2023 10:56

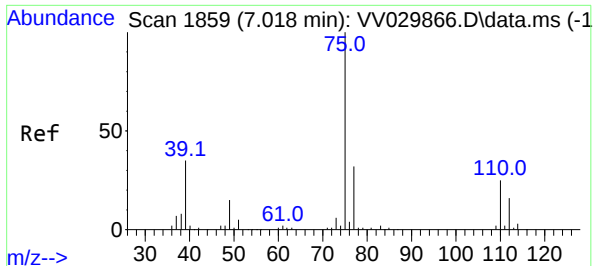
Tgt Ion: 63 Resp: 9741

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#





#39

cis-1,3-Dichloropropene

Concen: 0.102 ug/L

RT: 6.982 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV029867.D

Acq: 16 Jan 2023 10:56

Instrument :

MSVOA_V

ClientSampleId :

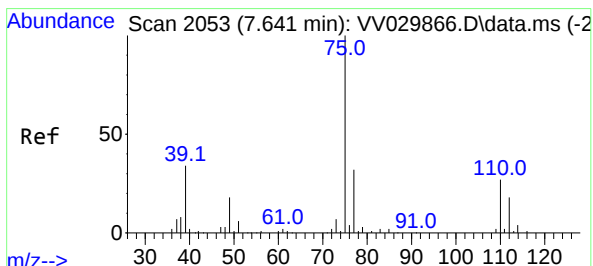
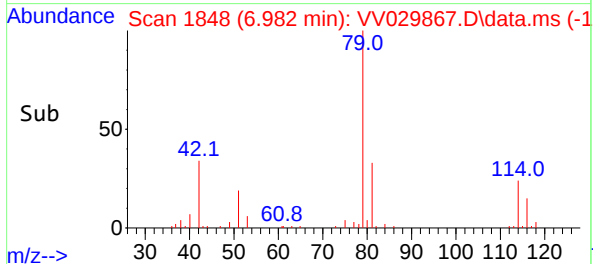
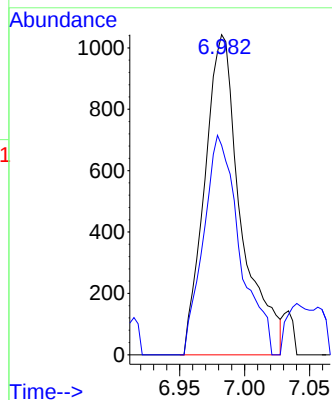
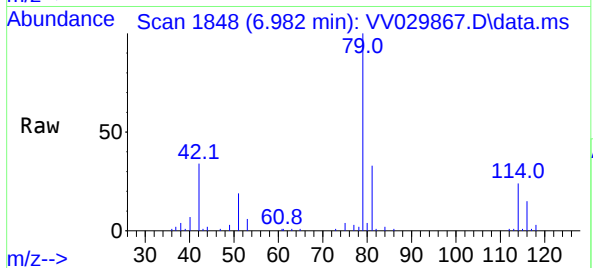
VBLK292

Tgt Ion: 75 Resp: 2020

Ion Ratio Lower Upper

75 100

77 65.4 22.4 41.6#



#44

trans-1,3-Dichloropropene

Concen: 0.091 ug/L

RT: 7.616 min Scan# 2045

Delta R.T. -0.026 min

Lab File: VV029867.D

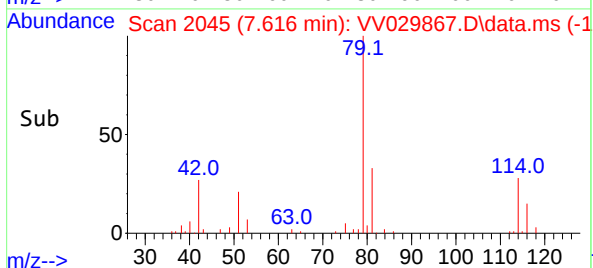
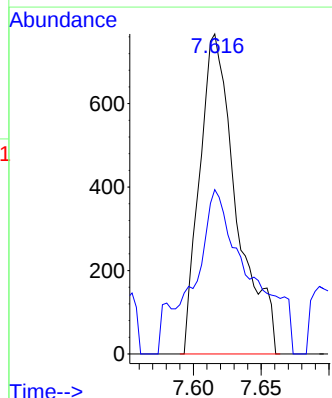
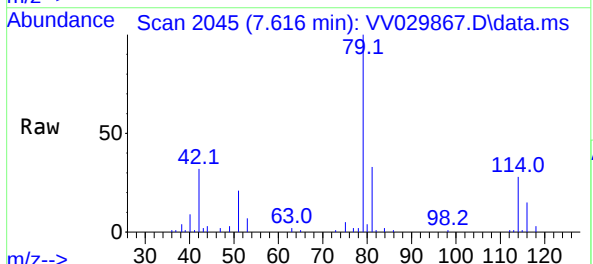
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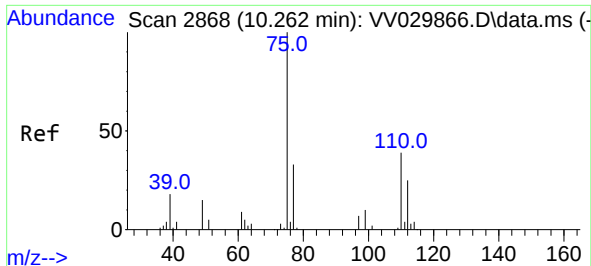
Tgt Ion: 75 Resp: 1450

Ion Ratio Lower Upper

75 100

77 51.4 21.9 40.7#





#61

1,2,3-Trichloropropane

Concen: 1.464 ug/L

RT: 11.236 min Scan# 31

Delta R.T. 0.974 min

Lab File: VV029867.D

Acq: 16 Jan 2023 10:56

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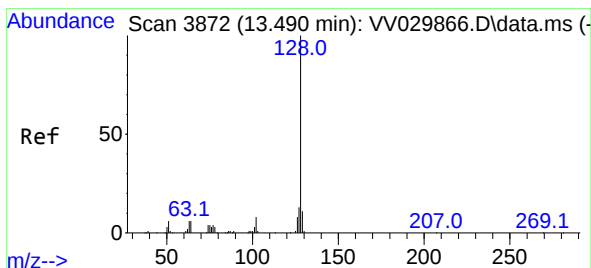
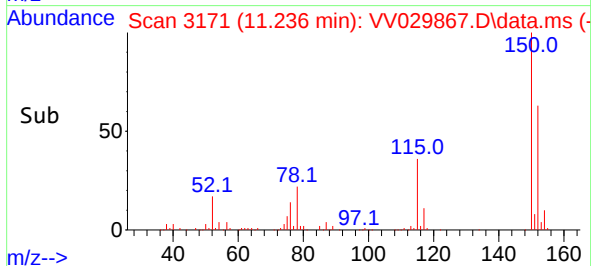
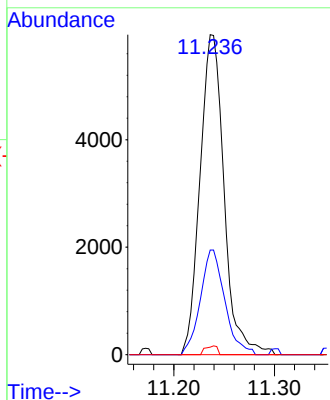
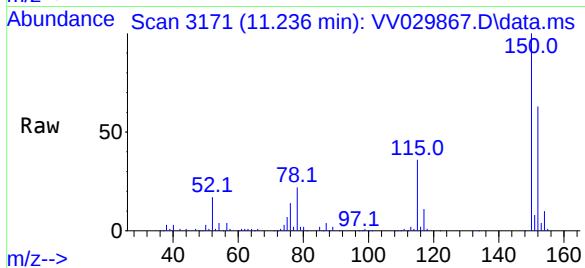
Tgt Ion: 75 Resp: 9891

Ion Ratio Lower Upper

75 100

77 33.2 26.5 39.7

110 1.4 31.8 47.8#



#71

Naphthalene

Concen: 0.228 ug/L

RT: 13.493 min Scan# 3873

Delta R.T. 0.003 min

Lab File: VV029867.D

Acq: 16 Jan 2023 10:56

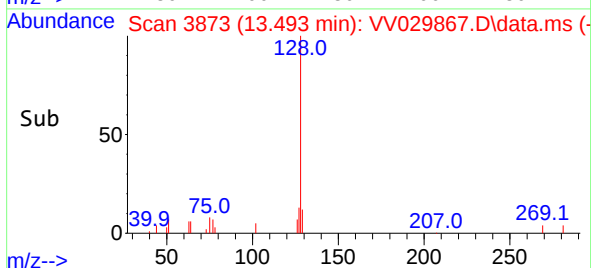
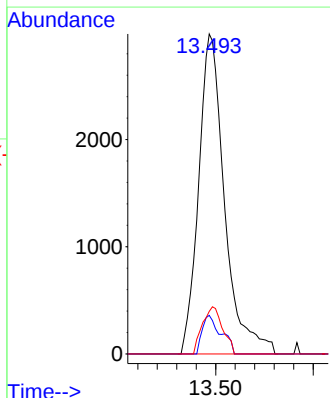
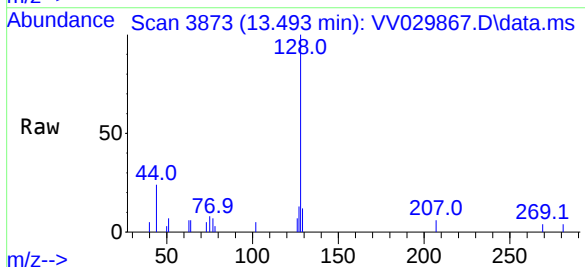
Tgt Ion: 128 Resp: 5514

Ion Ratio Lower Upper

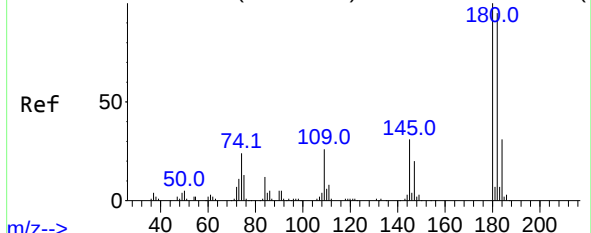
128 100

129 8.7 8.6 12.8

127 11.5 10.0 15.0



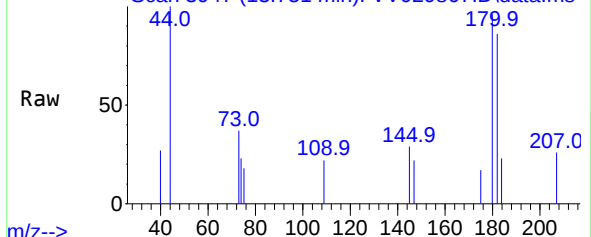
Abundance Scan 3947 (13.731 min): VV029866.D\data.ms (-



#72
1,2,3-Trichlorobenzene
Concen: 0.060 ug/L
RT: 13.731 min Scan# 3947
Delta R.T. 0.003 min
Lab File: VV029867.D
Acq: 16 Jan 2023 10:56

Instrument :
MSVOA_V
ClientSampleId :
VBLK292

Abundance Scan 3947 (13.731 min): VV029867.D\data.ms



Tgt Ion:	180	Resp:	920
Ion	Ratio	Lower	Upper
180	100		
182	101.2	75.5	113.3
145	30.2	25.0	37.6

Abundance Scan 3947 (13.731 min): VV029867.D\data.ms (-

