

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011623\
 Data File : VW029884.D
 Acq On : 16 Jan 2023 18:23
 Operator : SY/MD
 Sample : 01136-14 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGJC7

Quant Time: Jan 17 00:39:37 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	203013	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	194129	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	106910	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	59087	3.837	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.800%
7) Chloroethane-d5	1.565	69	59237	4.641	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.800%
11) 1,1-Dichloroethene-d2	2.105	63	86998	3.099	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.000%
20) 2-Butanone-d5	3.889	46	166623	61.051	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.100%
24) Chloroform-d	4.339	84	142698	5.052	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
26) 1,2-Dichloroethane-d4	5.024	65	63032	5.269	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.400%
32) Benzene-d6	5.040	84	303927	5.278	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.600%
36) 1,2-Dichloropropane-d6	6.063	67	94749	5.622	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.400%
41) Toluene-d8	7.307	98	258841	4.855	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.200%
43) trans-1,3-Dichloroprop...	7.613	79	29053	4.720	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.400%
46) 2-Hexanone-d5	8.085	63	150070	59.889	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.780%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	75573	6.119	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	122.400%#
66) 1,2-Dichlorobenzene-d4	11.612	152	104542	5.379	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	822	0.041	ug/L #	80
8) Chloroethane	1.587	64	1826	0.154	ug/L #	53
12) 1,1-Dichloroethene	2.118	96	2677	0.154	ug/L #	1
14) Carbon disulfide	2.294	76	2922	0.059	ug/L #	93
16) Methylene chloride	2.503	84	11287	0.524	ug/L	88
19) 1,1-Dichloroethane	3.185	63	10607	0.393	ug/L	93
22) cis-1,2-Dichloroethene	3.899	96	2627	0.153	ug/L	93
25) Chloroform	4.368	83	6636	0.226	ug/L	98
34) Trichloroethene	5.908	95	8411	0.517	ug/L	95
35) Methylcyclohexane	6.060	83	22128	0.806	ug/L #	20
37) 1,2-Dichloropropane	6.063	63	9250	0.615	ug/L #	85
39) cis-1,3-Dichloropropene	6.982	75	1977	0.098	ug/L #	57
47) Tetrachloroethene	7.966	164	950	0.069	ug/L #	75
49) Dibromochloromethane	7.973	129	729	0.057	ug/L #	11
61) 1,2,3-Trichloropropane	11.236	75	12156	1.536	ug/L #	66
71) Naphthalene	13.490	128	37879	1.340	ug/L	100

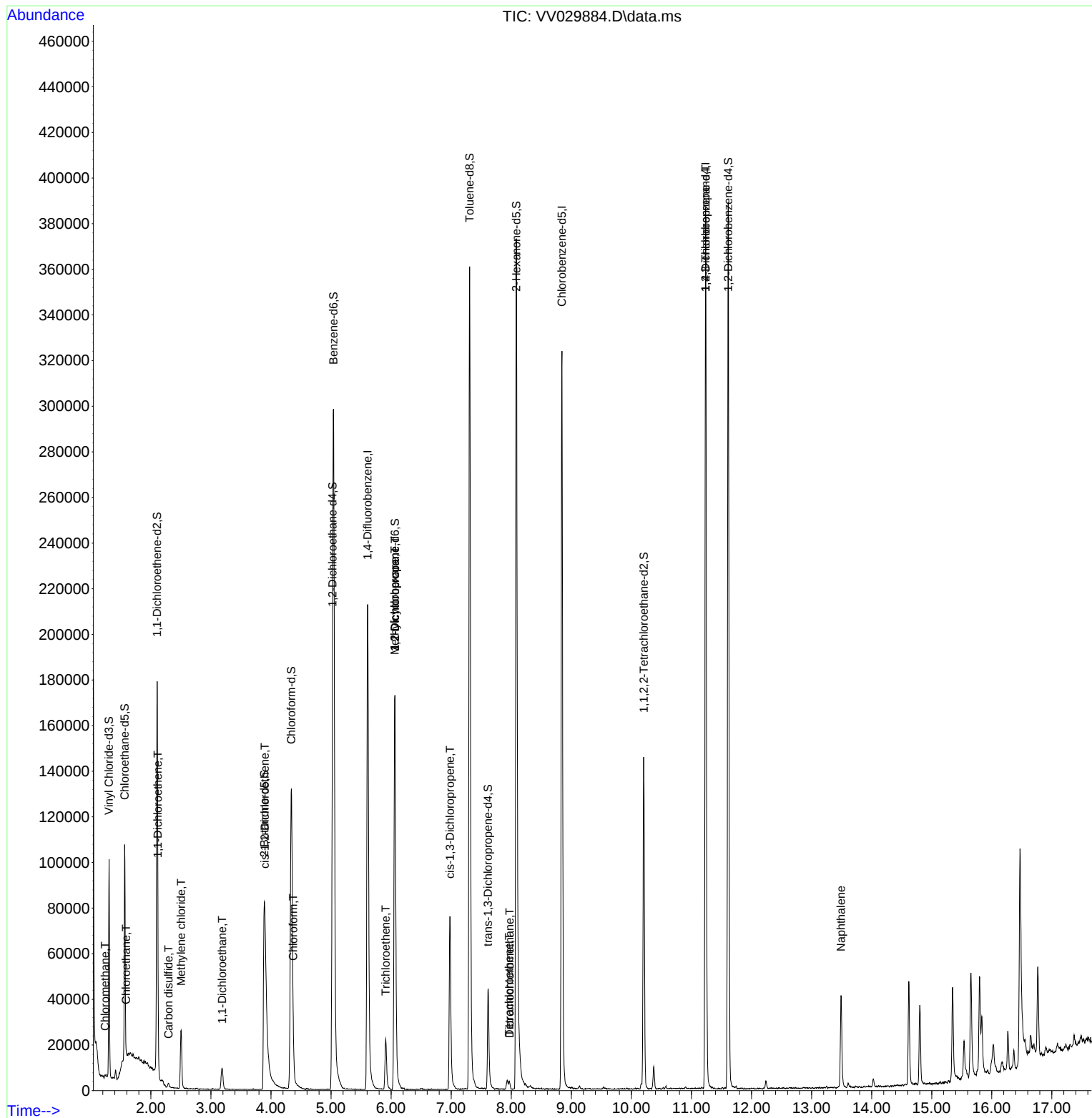
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_V
ClientSampleId :
BGJC7

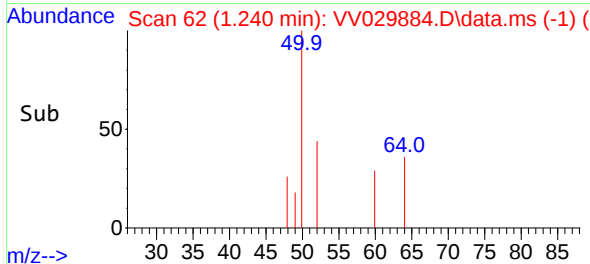
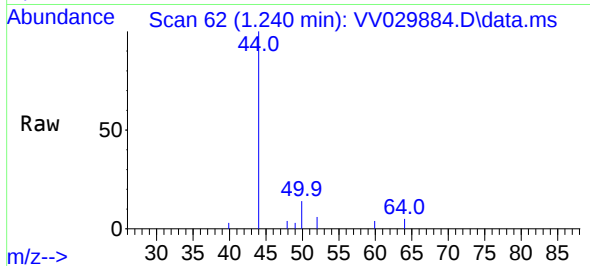
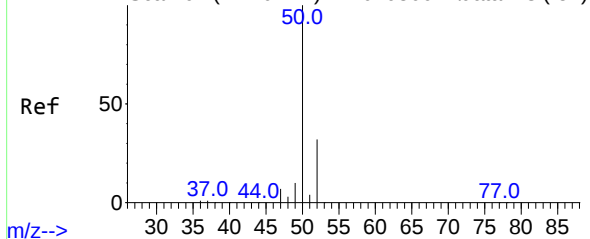
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011623\
Data File : VV029884.D
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 12 22:05:54 2023
Response via : Initial Calibration



Abundance Scan 62 (1.240 min): VV029866.D\data.ms (-54)



#3

Chloromethane

Concen: 0.041 ug/L

RT: 1.240 min Scan# 61

Delta R.T. 0.003 min

Lab File: VV029884.D

Acq: 16 Jan 2023 18:23

Instrument :

MSVOA_V

ClientSampleId :

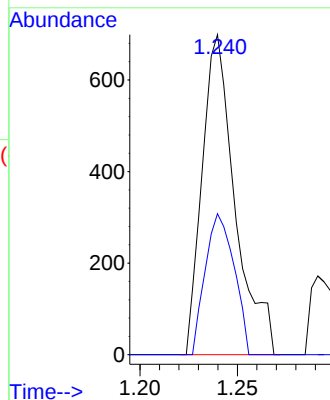
BGJC7

Tgt Ion: 50 Resp: 822

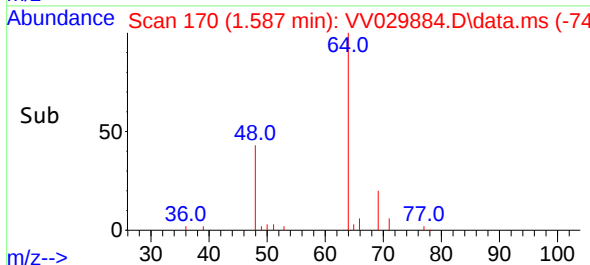
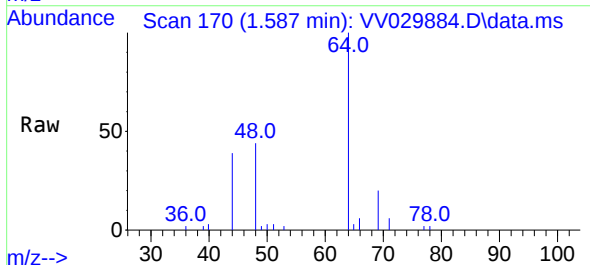
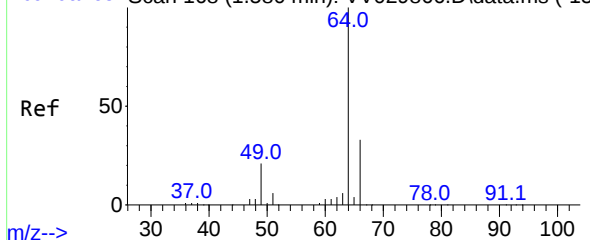
Ion Ratio Lower Upper

50 100

52 44.1 23.1 42.9#



Abundance Scan 168 (1.580 min): VV029866.D\data.ms (-15)



#8

Chloroethane

Concen: 0.154 ug/L

RT: 1.587 min Scan# 170

Delta R.T. 0.010 min

Lab File: VV029884.D

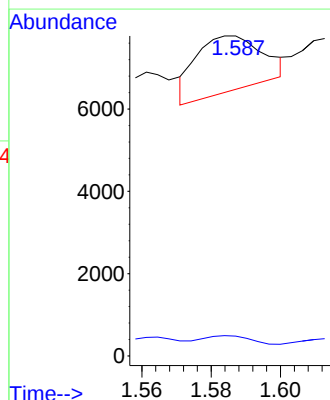
Acq: 16 Jan 2023 18:23

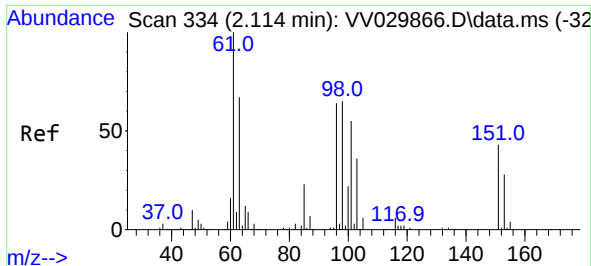
Tgt Ion: 64 Resp: 1826

Ion Ratio Lower Upper

64 100

66 6.2 22.9 42.5#





#12

1,1-Dichloroethene

Concen: 0.154 ug/L

RT: 2.118 min Scan# 31

Delta R.T. 0.006 min

Lab File: VV029884.D

Acq: 16 Jan 2023 18:23

Instrument :

MSVOA_V

ClientSampleId :

BGJC7

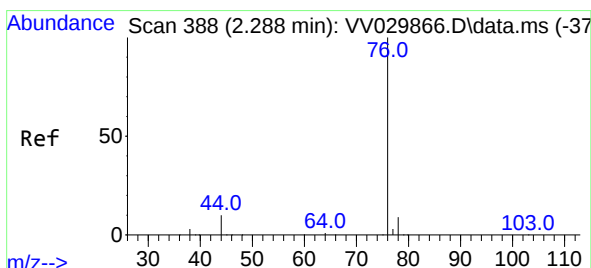
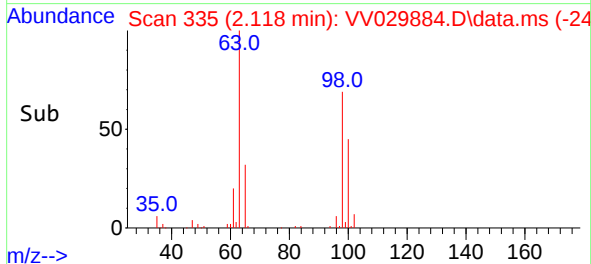
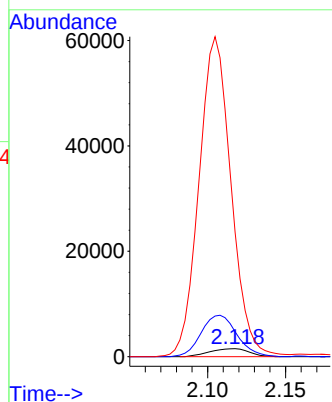
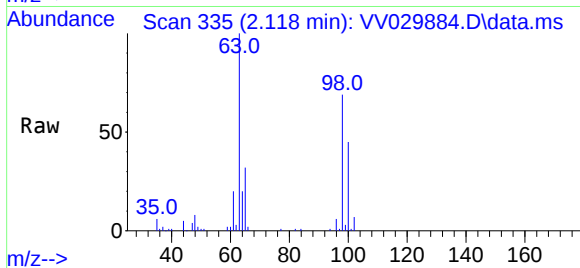
Tgt Ion: 96 Resp: 2677

Ion Ratio Lower Upper

96 100

61 312.5 106.1 197.1#

63 1556.3 76.4 141.8#



#14

Carbon disulfide

Concen: 0.059 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.010 min

Lab File: VV029884.D

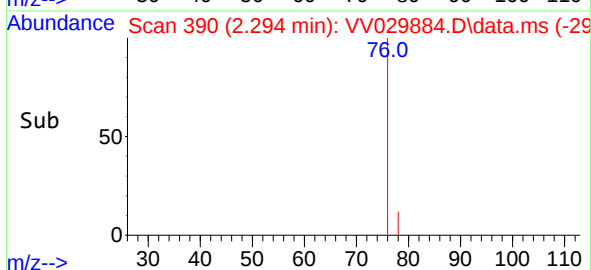
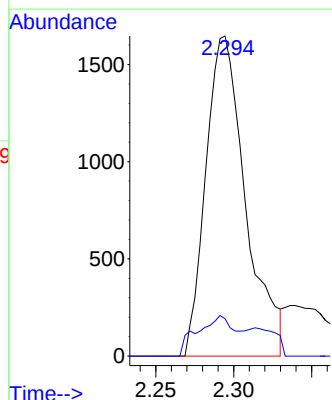
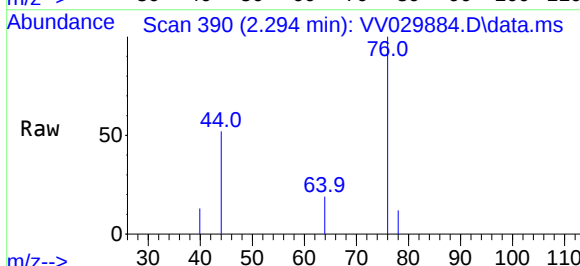
Acq: 16 Jan 2023 18:23

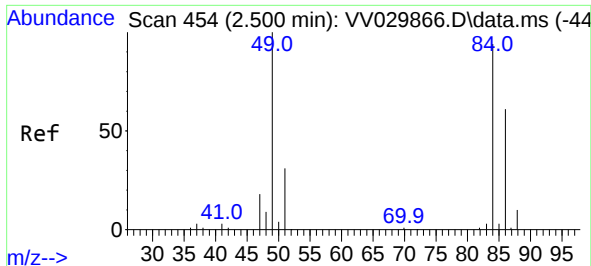
Tgt Ion: 76 Resp: 2922

Ion Ratio Lower Upper

76 100

78 11.7 7.4 11.0#

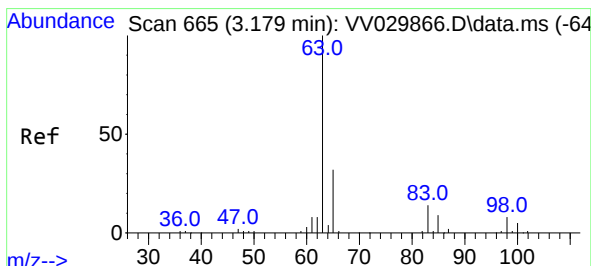
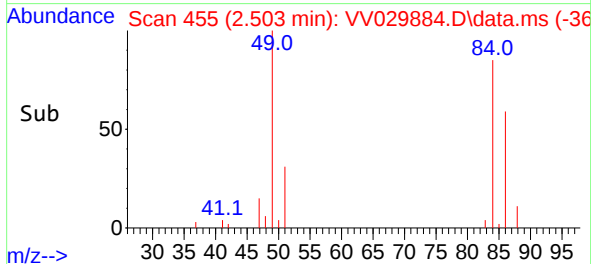
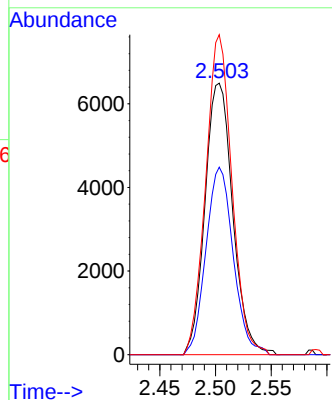
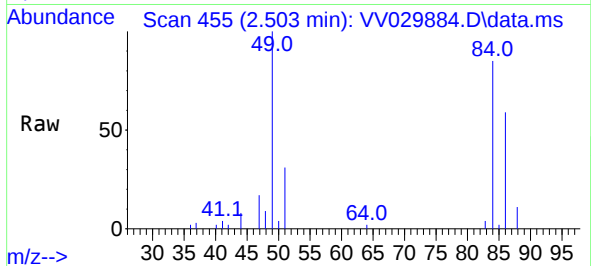




#16
Methylene chloride
Concen: 0.524 ug/L
RT: 2.503 min Scan# 411
Delta R.T. 0.006 min
Lab File: VV029884.D
Acq: 16 Jan 2023 18:23

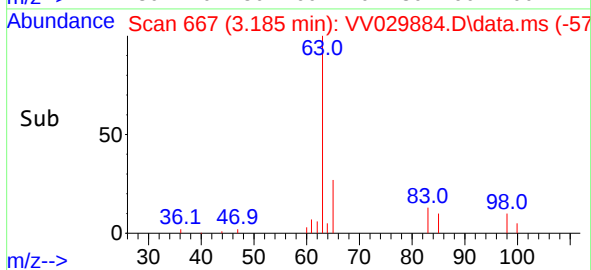
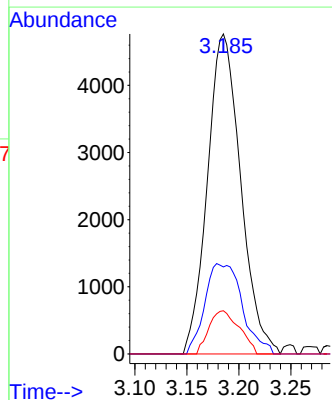
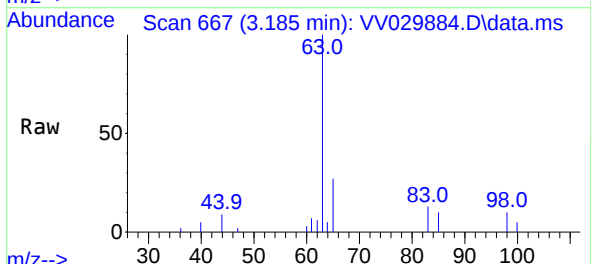
Instrument :
MSVOA_V
ClientSampleId :
BGJC7

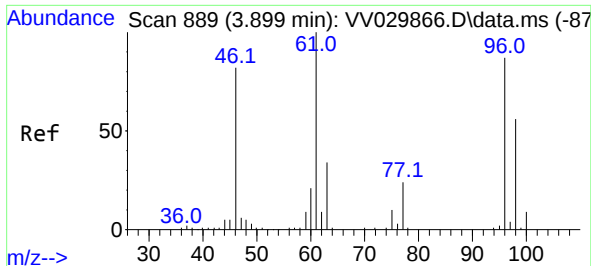
Tgt Ion: 84 Resp: 11287
Ion Ratio Lower Upper
84 100
86 69.0 45.0 83.6
49 117.8 71.5 132.7



#19
1,1-Dichloroethane
Concen: 0.393 ug/L
RT: 3.185 min Scan# 667
Delta R.T. 0.006 min
Lab File: VV029884.D
Acq: 16 Jan 2023 18:23

Tgt Ion: 63 Resp: 10607
Ion Ratio Lower Upper
63 100
65 27.2 22.4 41.6
83 13.5 10.2 19.0

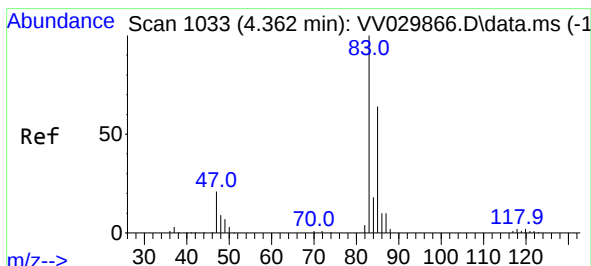
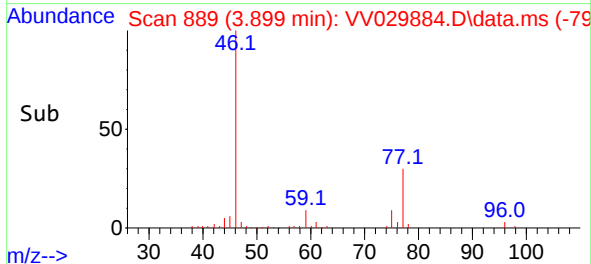
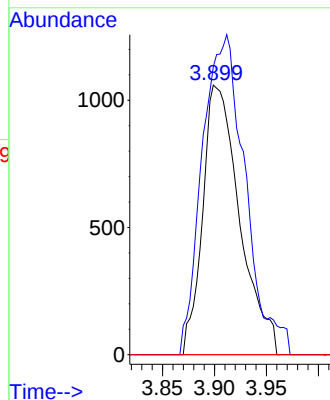
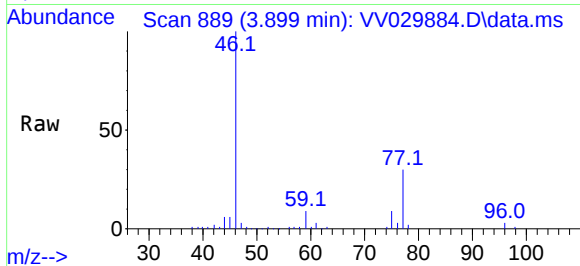




#22
cis-1,2-Dichloroethene
Concen: 0.153 ug/L
RT: 3.899 min Scan# 889
Delta R.T. 0.000 min
Lab File: VV029884.D
Acq: 16 Jan 2023 18:23

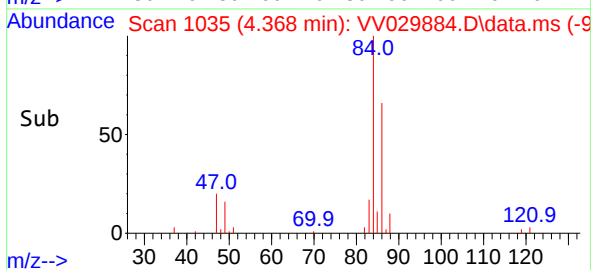
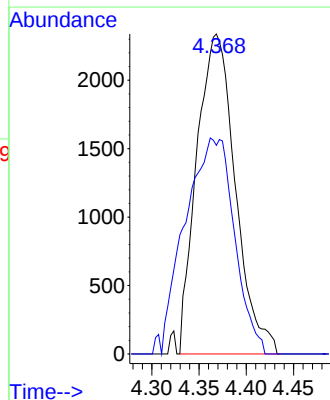
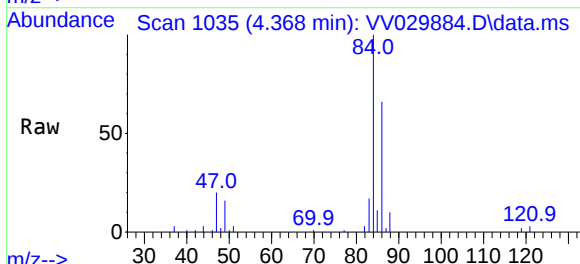
Instrument :
MSVOA_V
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BGJC7

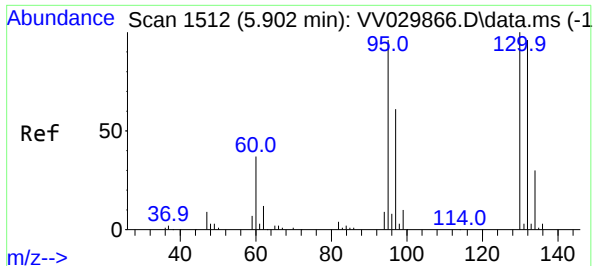
Tgt Ion: 96 Resp: 2627
Ion Ratio Lower Upper
96 100
61 106.8 80.0 148.6
68 0.0 0.0 0.0



#25
Chloroform
Concen: 0.226 ug/L
RT: 4.368 min Scan# 1035
Delta R.T. 0.006 min
Lab File: VV029884.D
Acq: 16 Jan 2023 18:23

Tgt Ion: 83 Resp: 6636
Ion Ratio Lower Upper
83 100
85 65.2 46.5 86.5





#34

Trichloroethene

Concen: 0.517 ug/L

RT: 5.908 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV029884.D

Acq: 16 Jan 2023 18:23

Instrument :

MSVOA_V

ClientSampleId :

BGJC7

Tgt Ion: 95 Resp: 8411

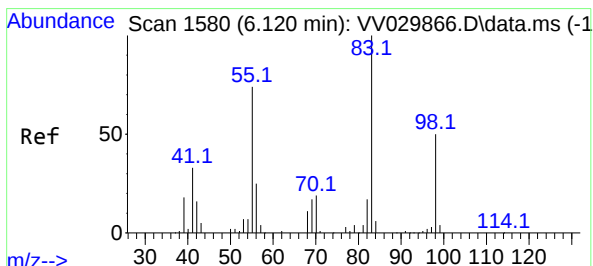
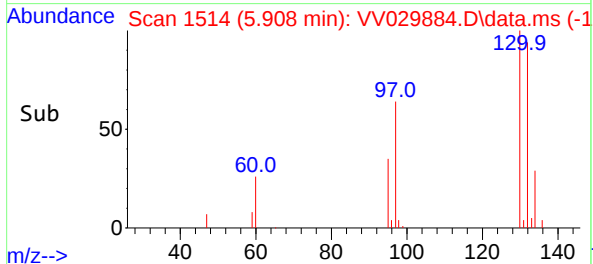
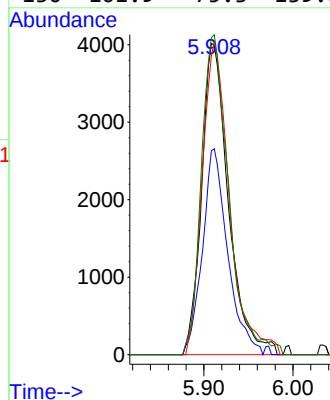
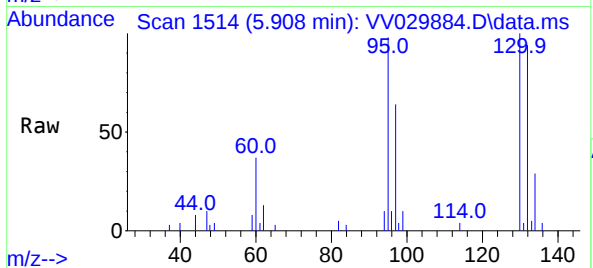
Ion Ratio Lower Upper

95 100

97 65.5 44.9 83.3

132 96.1 71.8 133.4

130 101.9 75.3 139.8



#35

Methylcyclohexane

Concen: 0.806 ug/L

RT: 6.060 min Scan# 1561

Delta R.T. -0.061 min

Lab File: VV029884.D

Acq: 16 Jan 2023 18:23

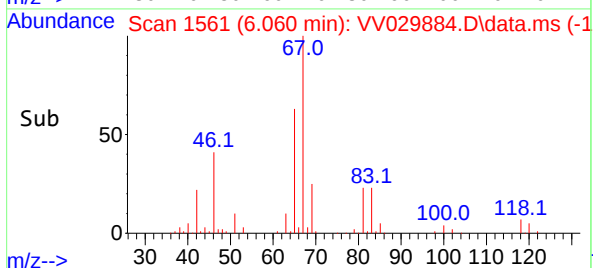
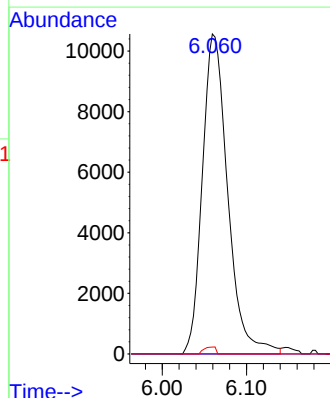
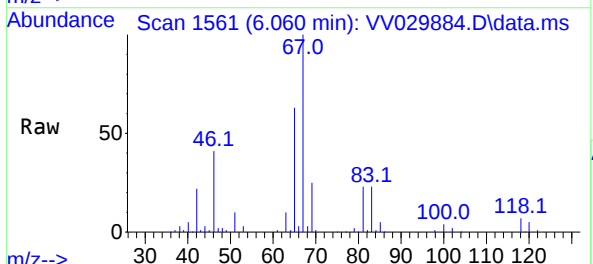
Tgt Ion: 83 Resp: 22128

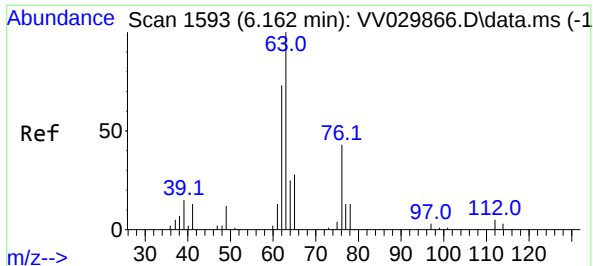
Ion Ratio Lower Upper

83 100

55 0.0 57.3 85.9#

98 1.0 39.0 58.6#

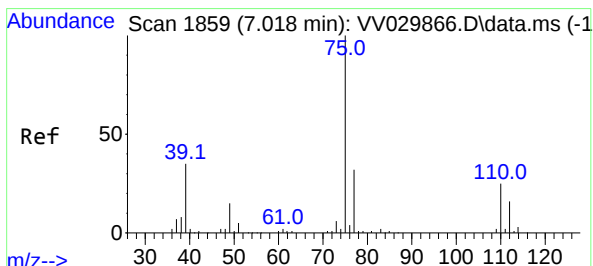
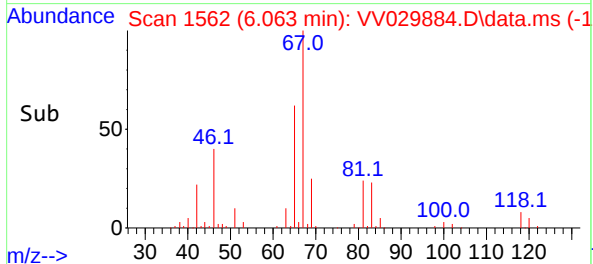
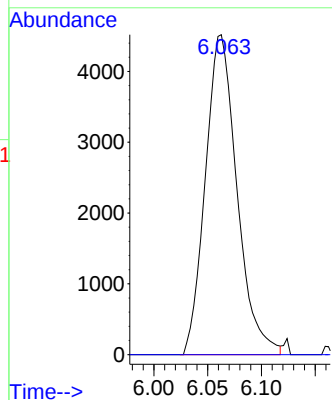
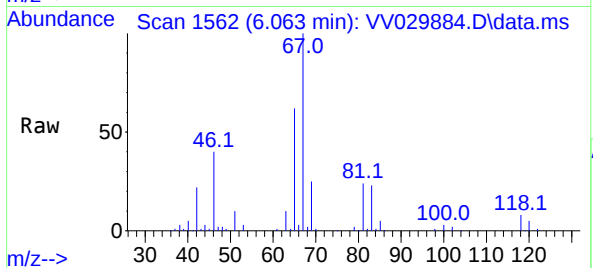




#37
1,2-Dichloropropane
Concen: 0.615 ug/L
RT: 6.063 min Scan# 11
Delta R.T. -0.100 min
Lab File: VV029884.D
Acq: 16 Jan 2023 18:23

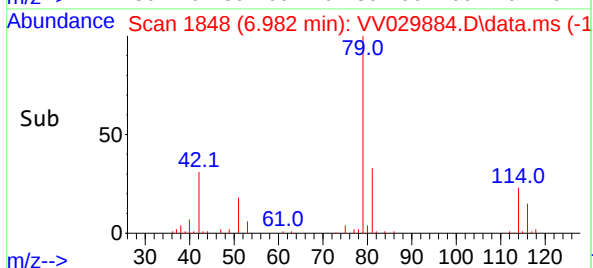
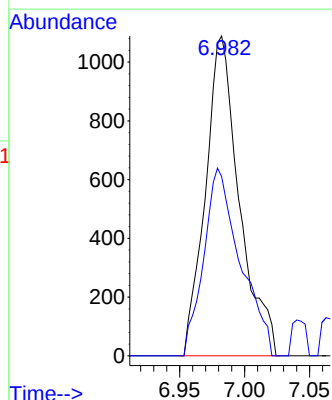
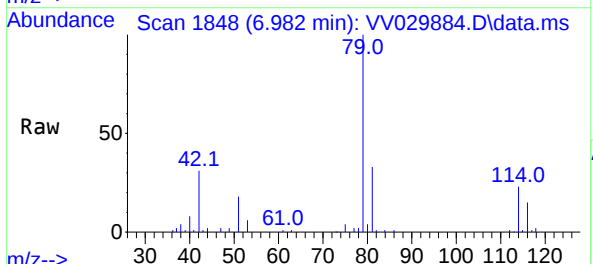
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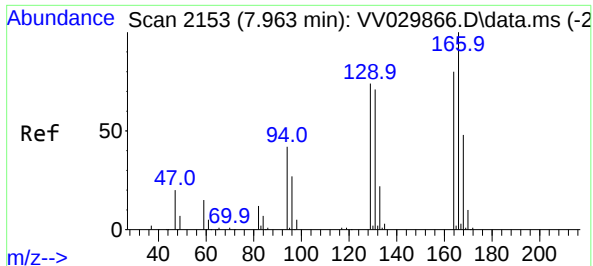
Tgt Ion: 63 Resp: 9250
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#



#39
cis-1,3-Dichloropropene
Concen: 0.098 ug/L
RT: 6.982 min Scan# 1848
Delta R.T. -0.035 min
Lab File: VV029884.D
Acq: 16 Jan 2023 18:23

Tgt Ion: 75 Resp: 1977
Ion Ratio Lower Upper
75 100
77 56.0 22.4 41.6#

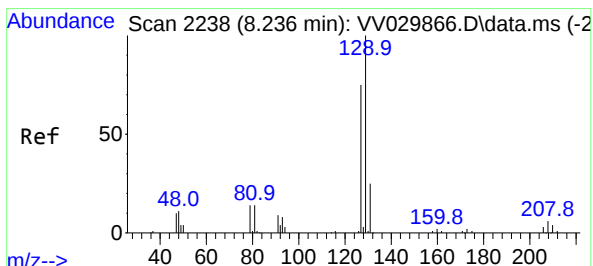
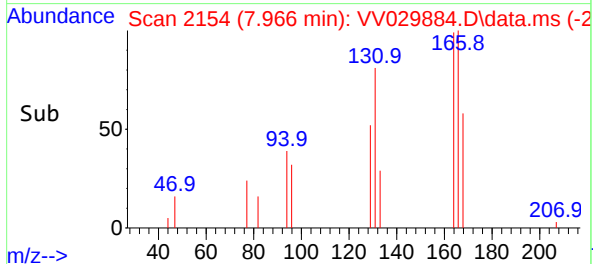
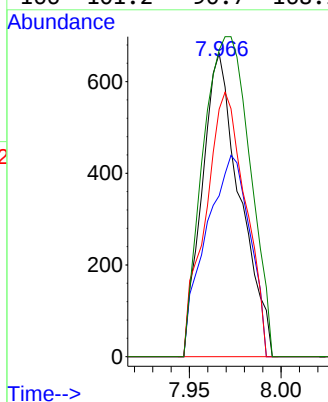
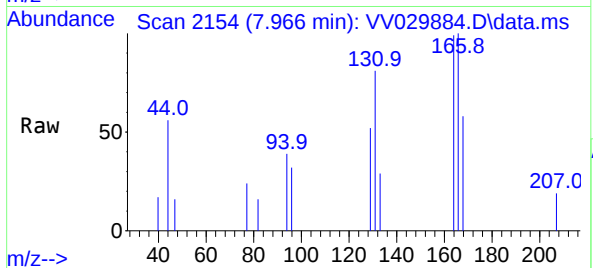




#47
Tetrachloroethene
Concen: 0.069 ug/L
RT: 7.966 min Scan# 2153
Delta R.T. 0.000 min
Lab File: VV029884.D
Acq: 16 Jan 2023 18:23

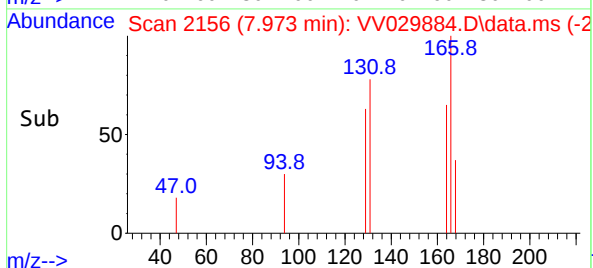
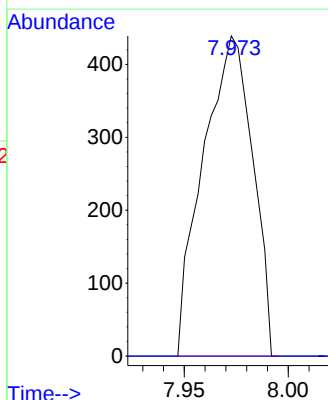
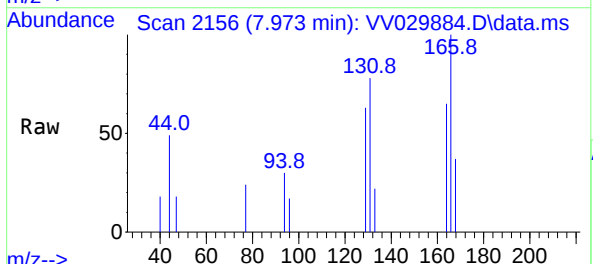
Instrument :
MSVOA_V
ClientSampleId :
BGJC7

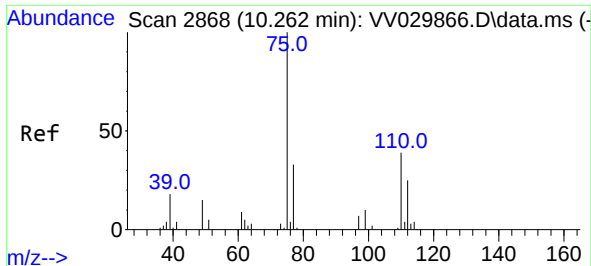
Tgt Ion:164 Resp: 950
Ion Ratio Lower Upper
164 100
129 53.1 64.5 119.7#
131 81.7 62.9 116.7
166 101.2 90.7 168.5



#49
Dibromochloromethane
Concen: 0.057 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. -0.264 min
Lab File: VV029884.D
Acq: 16 Jan 2023 18:23

Tgt Ion:129 Resp: 729
Ion Ratio Lower Upper
129 100
127 0.0 54.1 100.5#





#61

1,2,3-Trichloropropane

Concen: 1.536 ug/L

RT: 11.236 min Scan# 3171

Delta R.T. 0.974 min

Lab File: VV029884.D

Acq: 16 Jan 2023 18:23

Instrument :

MSVOA_V

ClientSampleId :

BGJC7

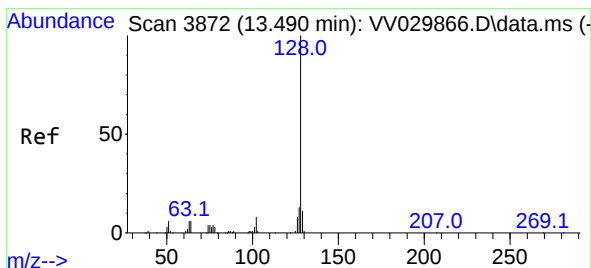
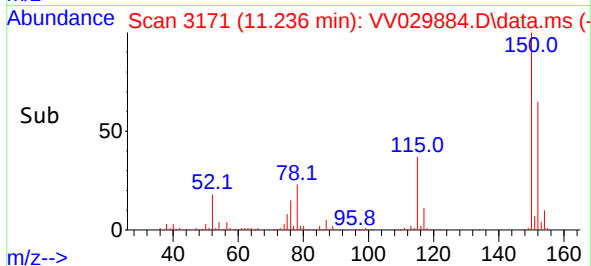
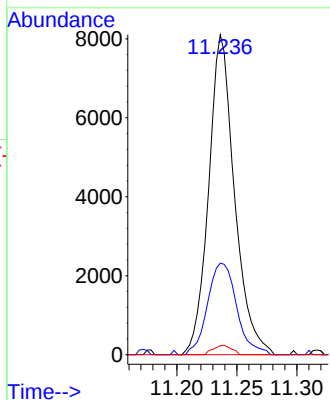
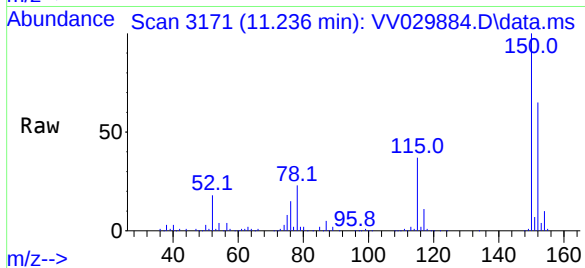
Tgt Ion: 75 Resp: 12156

Ion Ratio Lower Upper

75 100

77 32.1 26.5 39.7

110 2.1 31.8 47.8#



#71

Naphthalene

Concen: 1.340 ug/L

RT: 13.490 min Scan# 3872

Delta R.T. 0.000 min

Lab File: VV029884.D

Acq: 16 Jan 2023 18:23

Tgt Ion:128 Resp: 37879

Ion Ratio Lower Upper

128 100

129 10.6 8.6 12.8

127 12.4 10.0 15.0

