

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011323\
 Data File : VW029823.D
 Acq On : 13 Jan 2023 21:28
 Operator : SY/MD
 Sample : 01136-10 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGJC3DL

Quant Time: Jan 14 01:08:15 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	204813	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	202215	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	105551	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	69272	4.459	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.200%
7) Chloroethane-d5	1.564	69	65118	5.057	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.200%
11) 1,1-Dichloroethene-d2	2.104	63	107639	3.801	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.000%
20) 2-Butanone-d5	3.886	46	140319	50.961	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.920%
24) Chloroform-d	4.339	84	140147	4.918	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
26) 1,2-Dichloroethane-d4	5.024	65	62018	5.139	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.800%
32) Benzene-d6	5.043	84	292782	4.881	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
36) 1,2-Dichloropropane-d6	6.063	67	90312	5.145	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.800%
41) Toluene-d8	7.307	98	252089	4.539	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
43) trans-1,3-Dichloroprop...	7.616	79	25637	3.999	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.000%
46) 2-Hexanone-d5	8.085	63	133510	51.150	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.300%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	66598	5.177	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.600%
66) 1,2-Dichlorobenzene-d4	11.612	152	99023	5.160	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.200%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	2250	0.112	ug/L	99
6) Bromomethane	1.519	94	889	0.093	ug/L	99
12) 1,1-Dichloroethene	2.117	96	23137	1.323	ug/L #	58
14) Carbon disulfide	2.294	76	5454	0.108	ug/L #	94
16) Methylene chloride	2.503	84	36112	1.662	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	821	0.051	ug/L	94
19) 1,1-Dichloroethane	3.182	63	48294	1.776	ug/L	99
22) cis-1,2-Dichloroethene	3.902	96	66446	3.836	ug/L	93
34) Trichloroethene	5.905	95	145842	8.608	ug/L	97
35) Methylcyclohexane	6.063	83	22305	0.780	ug/L #	20
37) 1,2-Dichloropropane	6.063	63	8738	0.558	ug/L #	85
47) Tetrachloroethene	7.966	164	1164	0.082	ug/L	86
49) Dibromochloromethane	7.969	129	1085	0.082	ug/L #	11
53) m,p-Xylene	9.133	106	932	0.031	ug/L	88
61) 1,2,3-Trichloropropane	11.236	75	12503	1.600	ug/L #	64
71) Naphthalene	13.496	128	1782	0.064	ug/L #	93

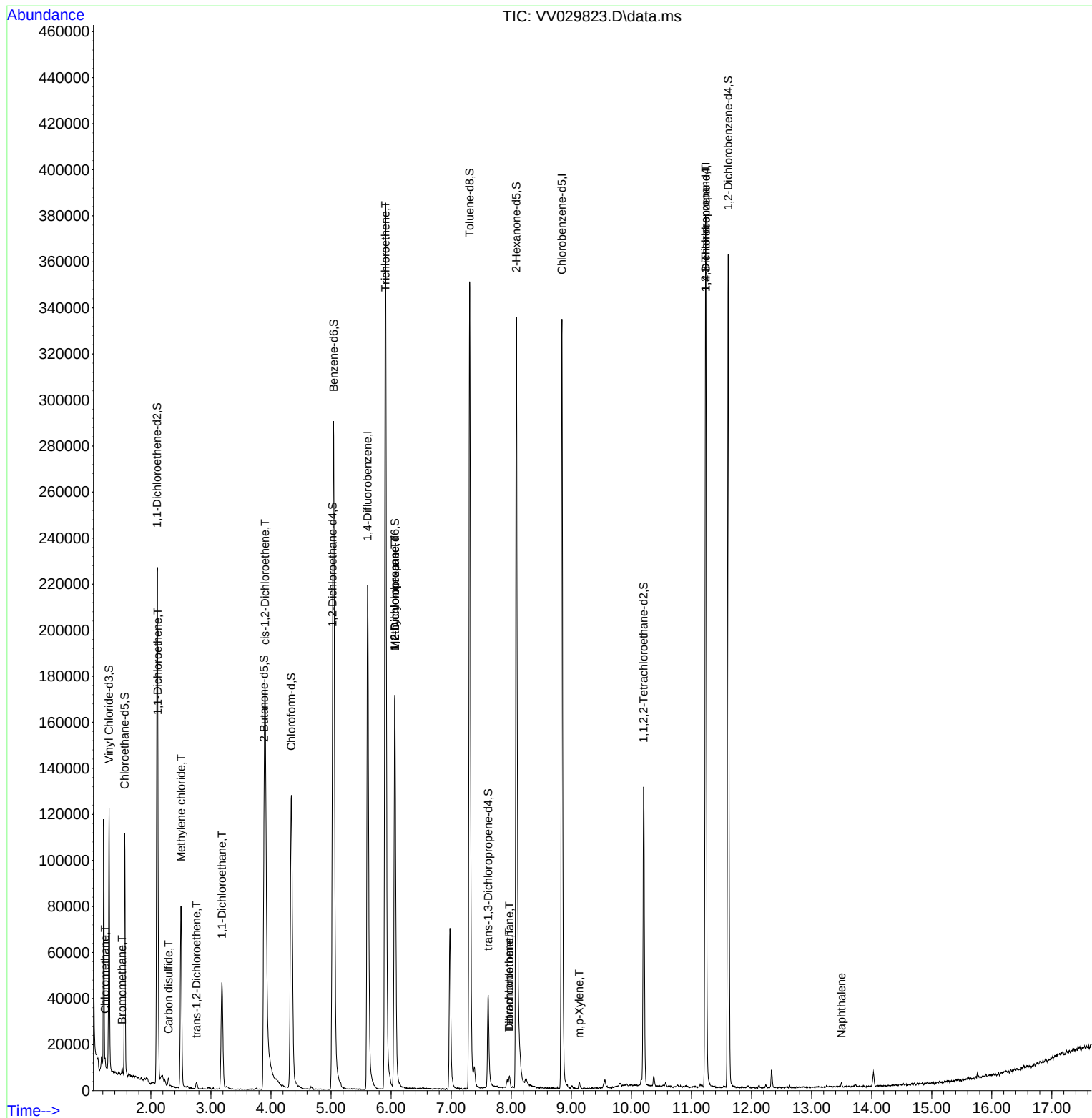
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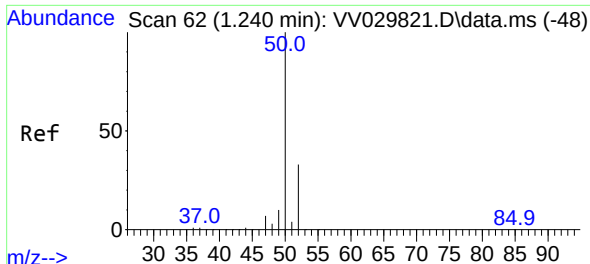
Instrument :
MSVOA_V
ClientSampleId :
BGJC3DL

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Quant Time: Jan 14 01:08:15 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

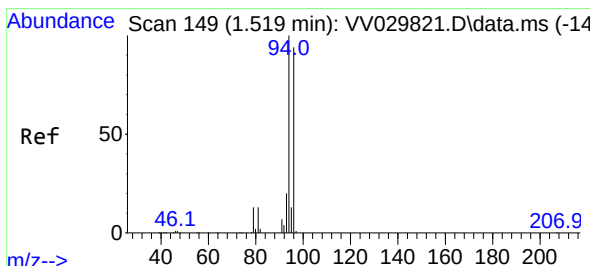
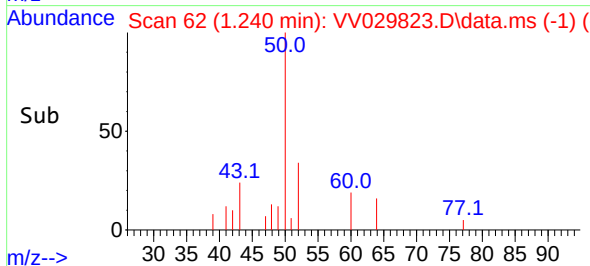
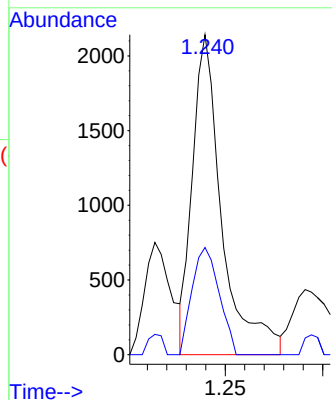
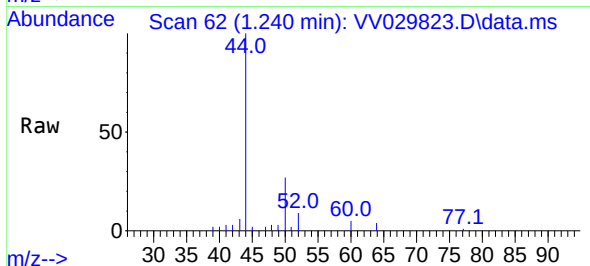




#3
Chloromethane
Concen: 0.112 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV029823.D
Acq: 13 Jan 2023 21:28

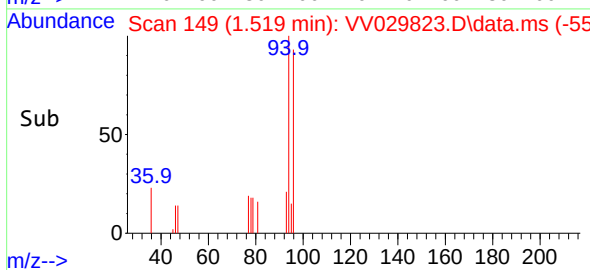
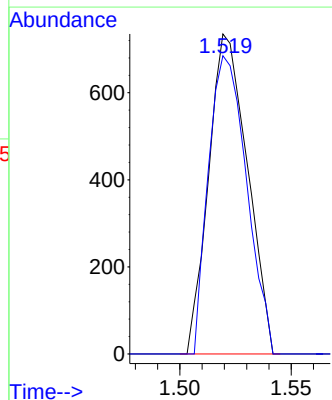
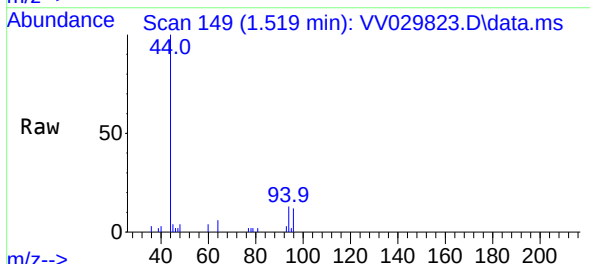
Instrument :
MSVOA_V
ClientSampleId :
BGJC3DL

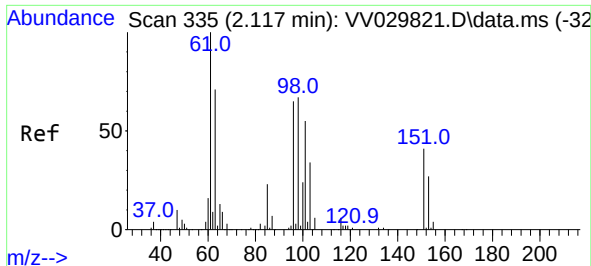
Tgt Ion: 50 Resp: 2250
Ion Ratio Lower Upper
50 100
52 33.5 23.1 42.9



#6
Bromomethane
Concen: 0.093 ug/L
RT: 1.519 min Scan# 149
Delta R.T. 0.003 min
Lab File: VV029823.D
Acq: 13 Jan 2023 21:28

Tgt Ion: 94 Resp: 889
Ion Ratio Lower Upper
94 100
96 93.2 65.9 122.5

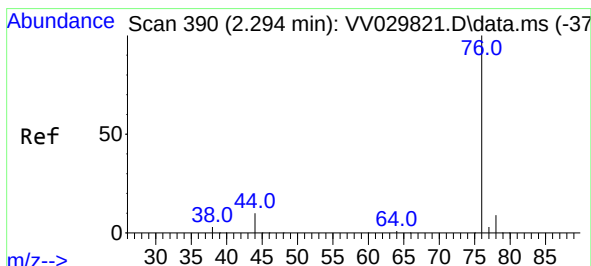
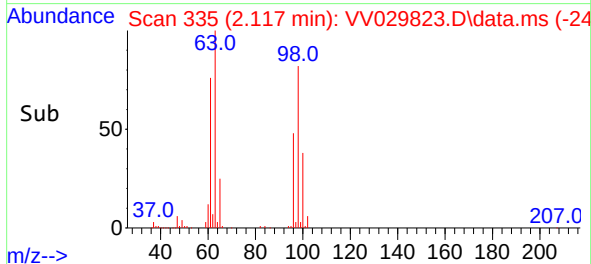
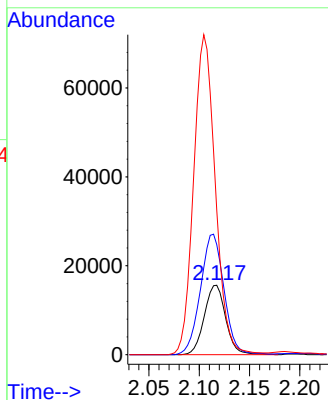
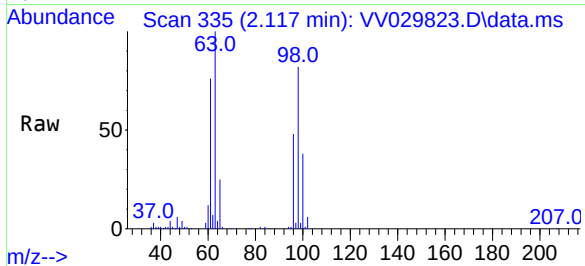




#12
1,1-Dichloroethene
Concen: 1.323 ug/L
RT: 2.117 min Scan# 31
Delta R.T. 0.006 min
Lab File: VV029823.D
Acq: 13 Jan 2023 21:28

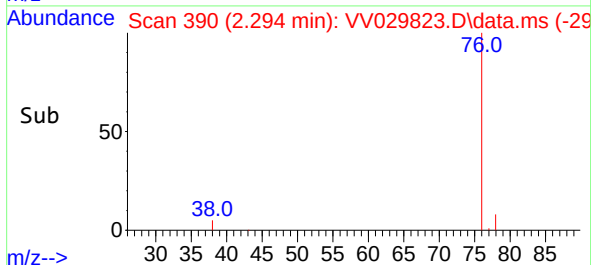
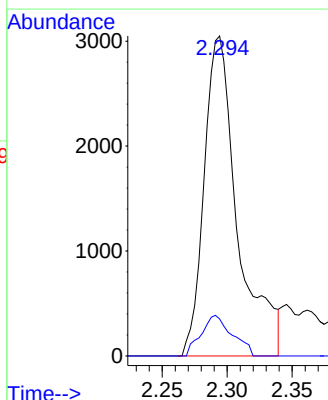
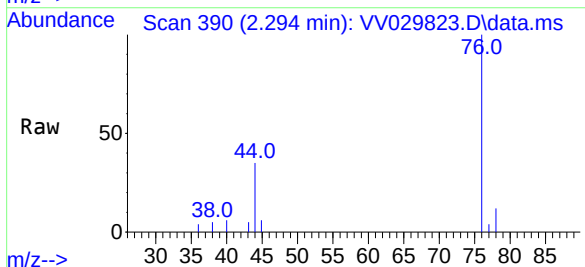
Instrument :
MSVOA_V
ClientSampleId :
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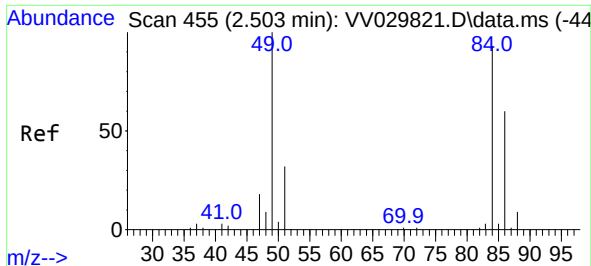
Tgt Ion: 96 Resp: 23137
Ion Ratio Lower Upper
96 100
61 158.5 106.1 197.1
63 207.9 76.4 141.8#



#14
Carbon disulfide
Concen: 0.108 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.009 min
Lab File: VV029823.D
Acq: 13 Jan 2023 21:28

Tgt Ion: 76 Resp: 5454
Ion Ratio Lower Upper
76 100
78 11.5 7.4 11.0#

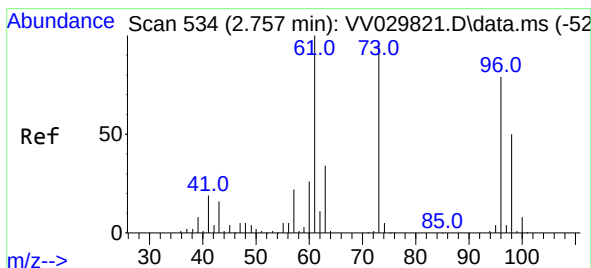
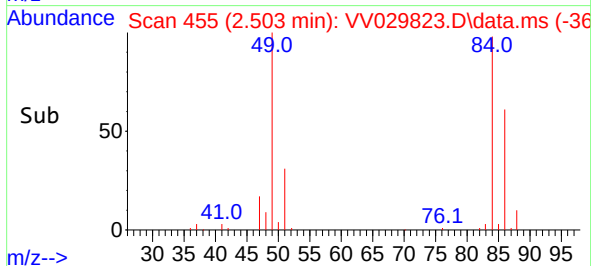
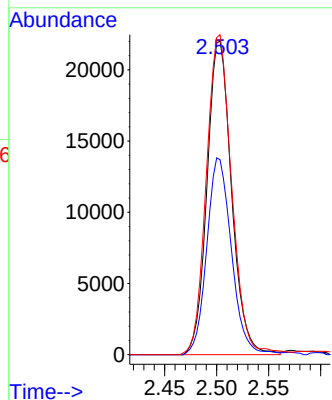
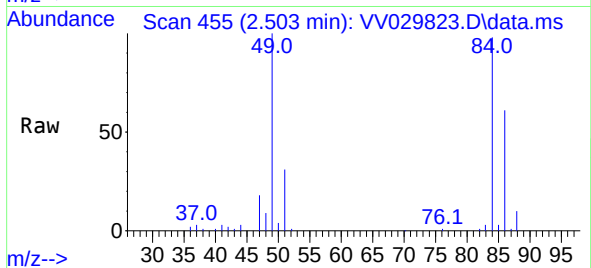




#16
Methylene chloride
Concen: 1.662 ug/L
RT: 2.503 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV029823.D
Acq: 13 Jan 2023 21:28

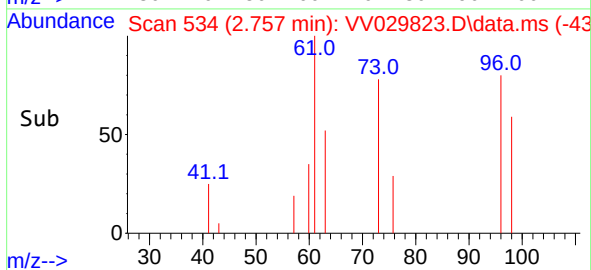
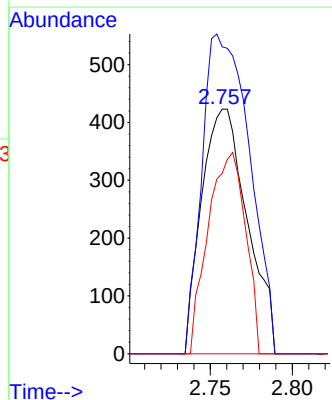
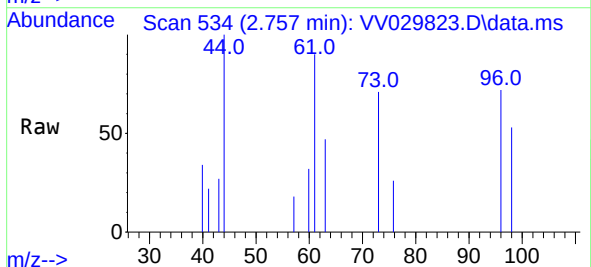
Instrument :
MSVOA_V
ClientSampleId :
BGJC3DL

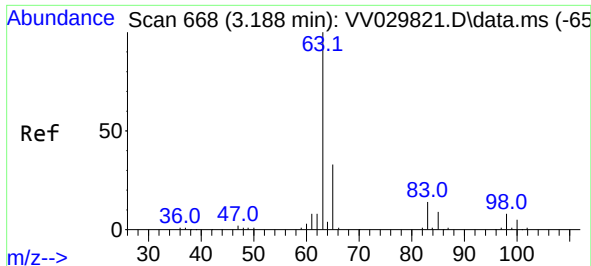
Tgt Ion:	84	Resp:	36112
Ion	Ratio	Lower	Upper
84	100		
86	62.2	45.0	83.6
49	102.0	71.5	132.7



#18
trans-1,2-Dichloroethene
Concen: 0.051 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.006 min
Lab File: VV029823.D
Acq: 13 Jan 2023 21:28

Tgt Ion:	96	Resp:	821
Ion	Ratio	Lower	Upper
96	100		
61	125.5	86.1	159.9
98	73.8	43.9	81.5



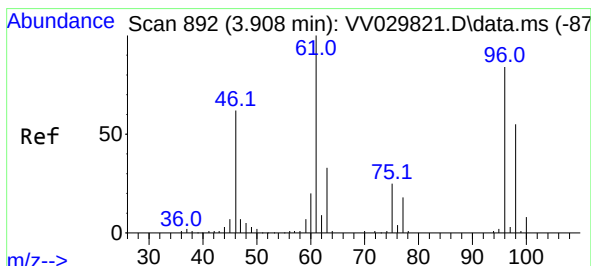
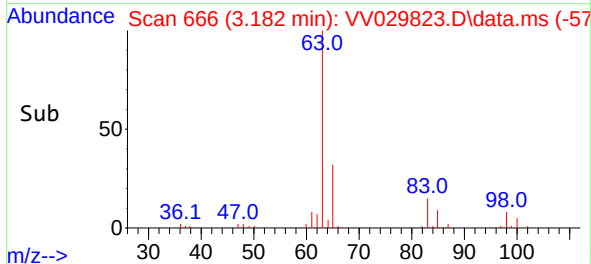
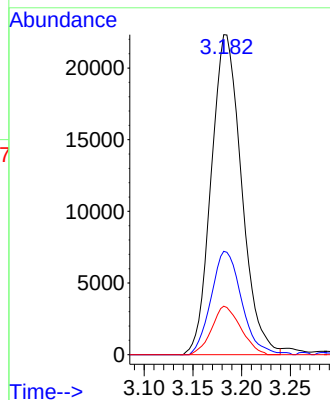
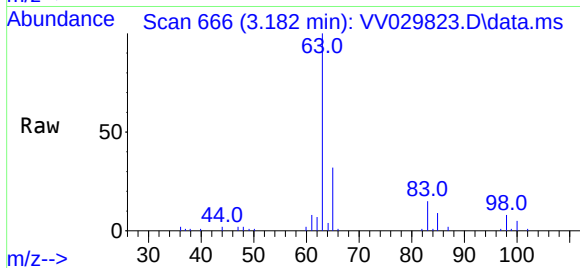


#19
1,1-Dichloroethane
Concen: 1.776 ug/L
RT: 3.182 min Scan# 60
Delta R.T. 0.003 min
Lab File: VV029823.D
Acq: 13 Jan 2023 21:28

Instrument :
MSVOA_V
ClientSampleId :
BGJC3DL

Tgt Ion: 63 Resp: 48294

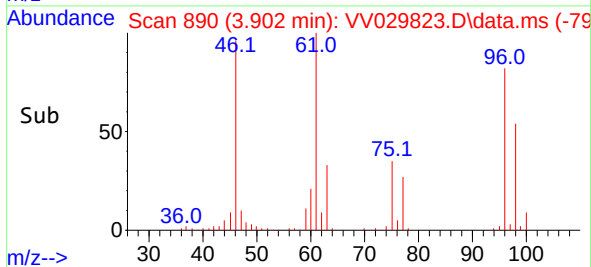
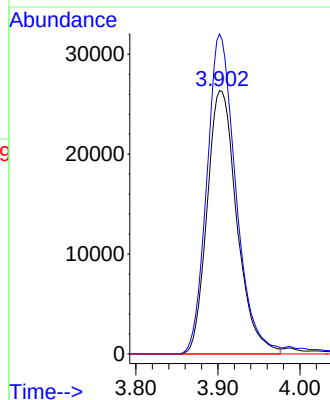
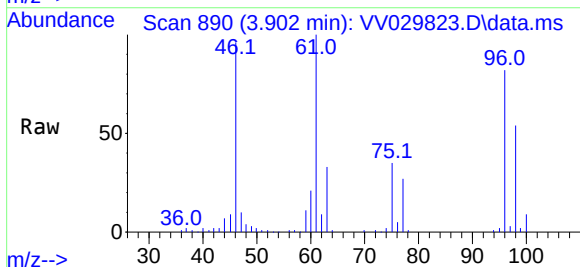
Ion	Ratio	Lower	Upper
63	100		
65	32.3	22.4	41.6
83	15.2	10.2	19.0

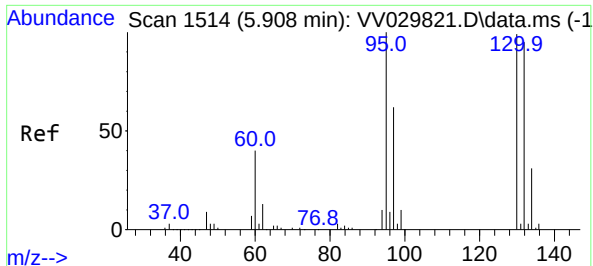


#22
cis-1,2-Dichloroethene
Concen: 3.836 ug/L
RT: 3.902 min Scan# 890
Delta R.T. 0.003 min
Lab File: VV029823.D
Acq: 13 Jan 2023 21:28

Tgt Ion: 96 Resp: 66446

Ion	Ratio	Lower	Upper
96	100		
61	121.5	80.0	148.6
68	0.0	0.0	0.0





#34

Trichloroethene

Concen: 8.608 ug/L

RT: 5.905 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV029823.D

Acq: 13 Jan 2023 21:28

Instrument :

MSVOA_V

ClientSampleId :

BGJC3DL

Tgt Ion: 95 Resp: 145842

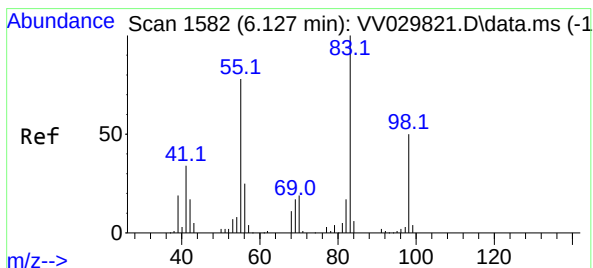
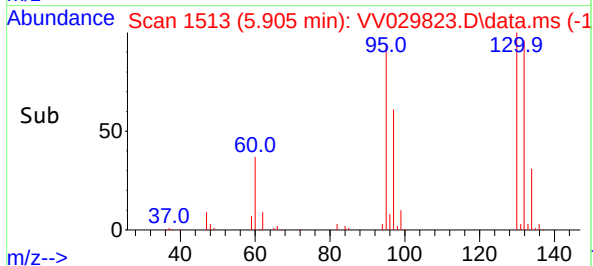
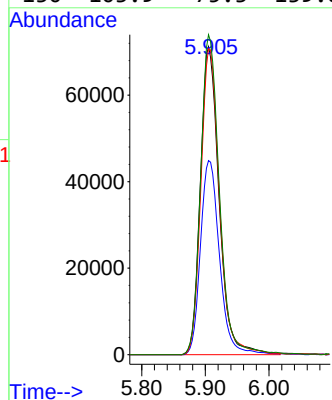
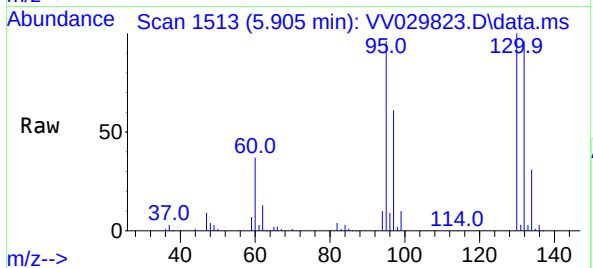
Ion Ratio Lower Upper

95 100

97 63.0 44.9 83.3

132 99.3 71.8 133.4

130 103.9 75.3 139.8



#35

Methylcyclohexane

Concen: 0.780 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.058 min

Lab File: VV029823.D

Acq: 13 Jan 2023 21:28

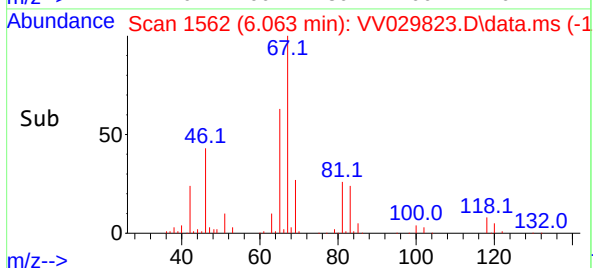
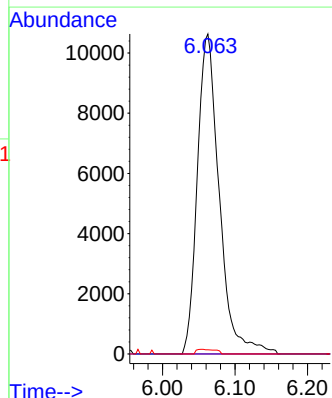
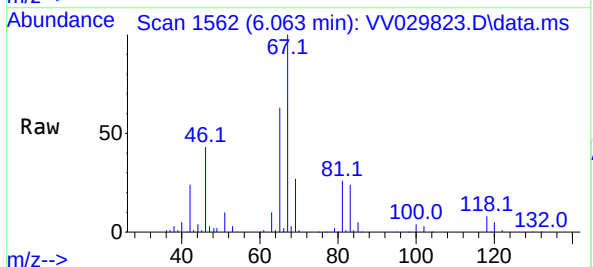
Tgt Ion: 83 Resp: 22305

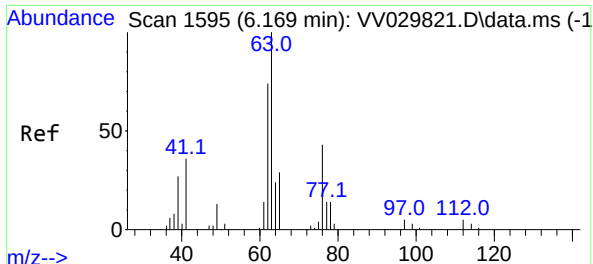
Ion Ratio Lower Upper

83 100

55 0.0 57.3 85.9#

98 1.3 39.0 58.6#

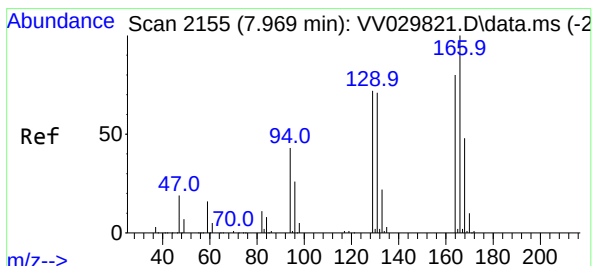
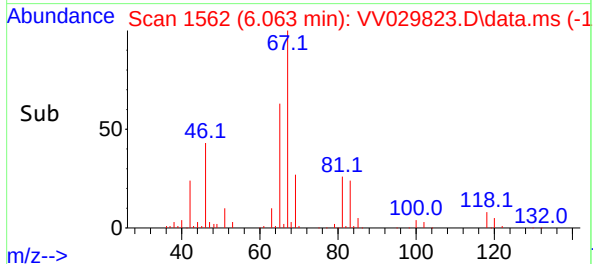
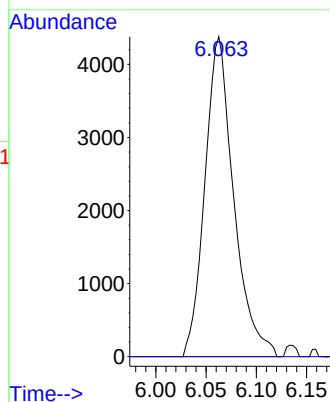
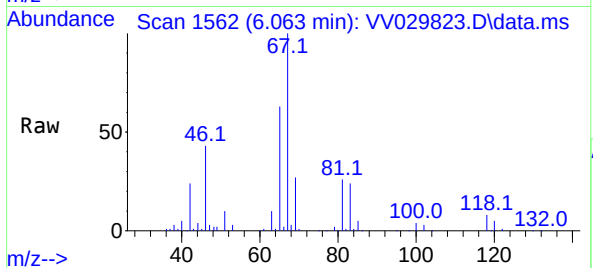




#37
1,2-Dichloropropane
Concen: 0.558 ug/L
RT: 6.063 min Scan# 11
Delta R.T. -0.100 min
Lab File: VV029823.D
Acq: 13 Jan 2023 21:28

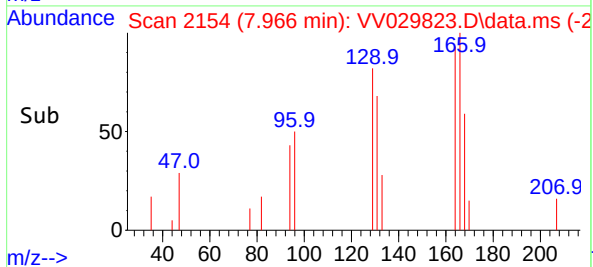
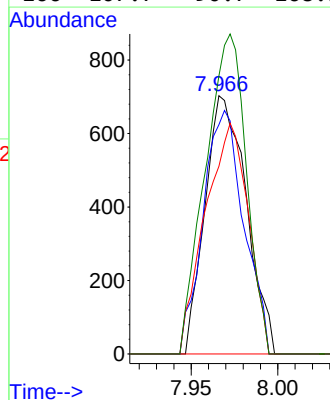
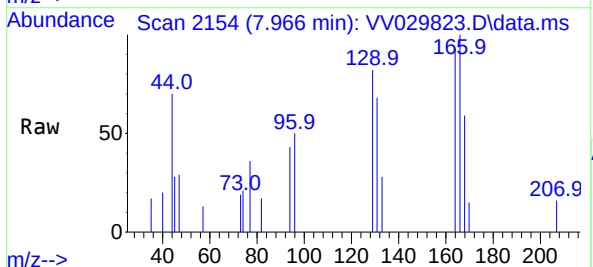
Instrument :
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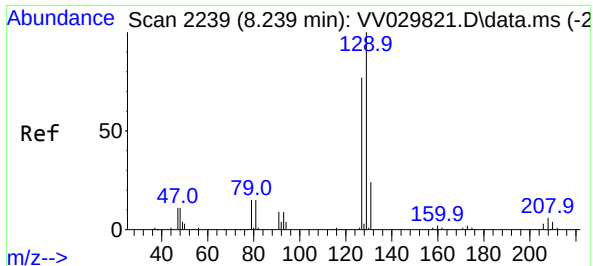
Tgt Ion: 63 Resp: 8738
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#



#47
Tetrachloroethene
Concen: 0.082 ug/L
RT: 7.966 min Scan# 2154
Delta R.T. -0.000 min
Lab File: VV029823.D
Acq: 13 Jan 2023 21:28

Tgt Ion:164 Resp: 1164
Ion Ratio Lower Upper
164 100
129 88.8 64.5 119.7
131 72.7 62.9 116.7
166 107.7 90.7 168.5





#49

Dibromochloromethane

Concen: 0.082 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. -0.267 min

Lab File: VV029823.D

Acq: 13 Jan 2023 21:28

Instrument :

MSVOA_V

ClientSampleId :

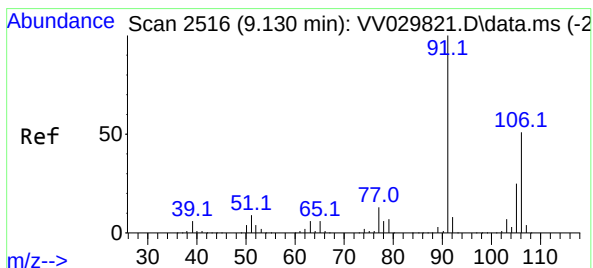
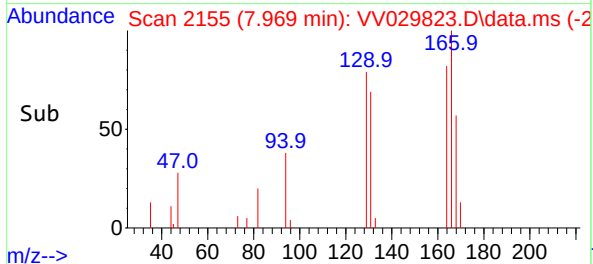
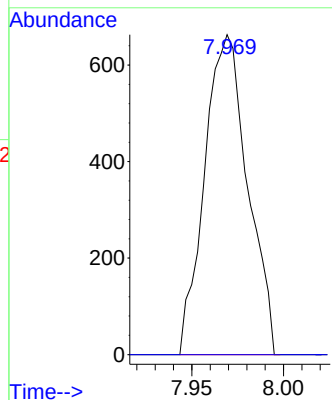
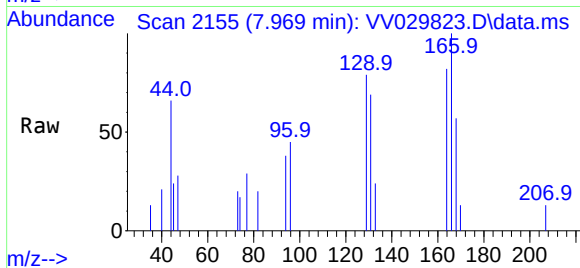
BGJC3DL

Tgt Ion:129 Resp: 1085

Ion Ratio Lower Upper

129 100

127 0.0 54.1 100.5#



#53

m,p-Xylene

Concen: 0.031 ug/L

RT: 9.133 min Scan# 2517

Delta R.T. 0.003 min

Lab File: VV029823.D

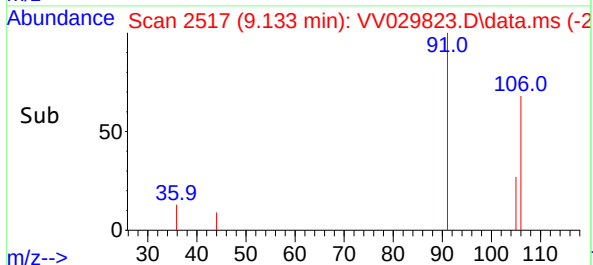
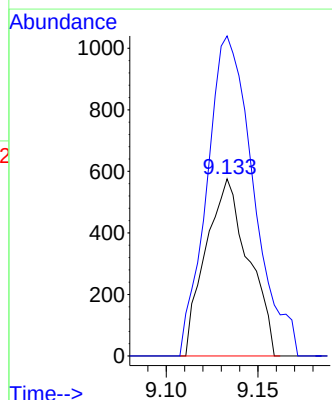
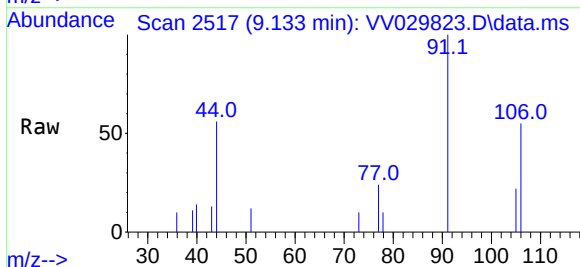
Acq: 13 Jan 2023 21:28

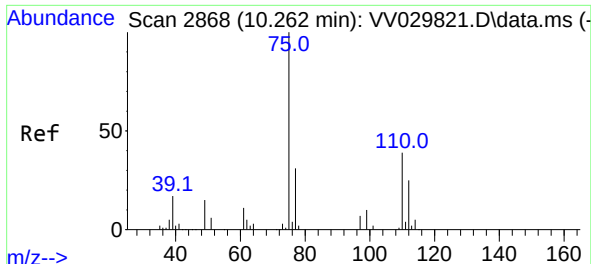
Tgt Ion:106 Resp: 932

Ion Ratio Lower Upper

106 100

91 180.6 138.7 257.7





#61

1,2,3-Trichloropropane

Concen: 1.600 ug/L

RT: 11.236 min Scan# 3171

Delta R.T. 0.974 min

Lab File: VV029823.D

Acq: 13 Jan 2023 21:28

Instrument :

MSVOA_V

ClientSampleId :

BGJC3DL

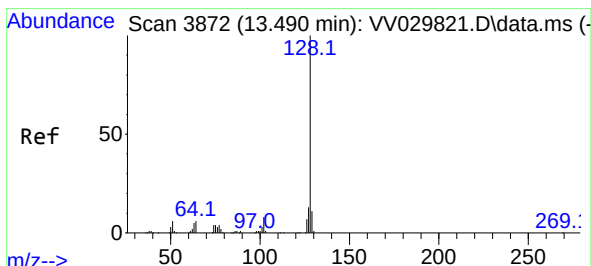
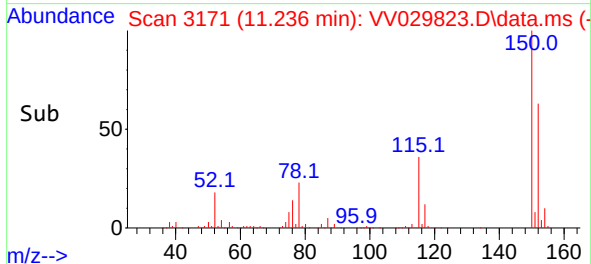
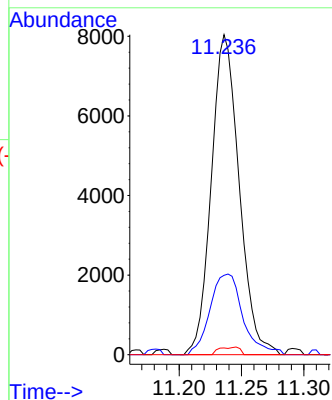
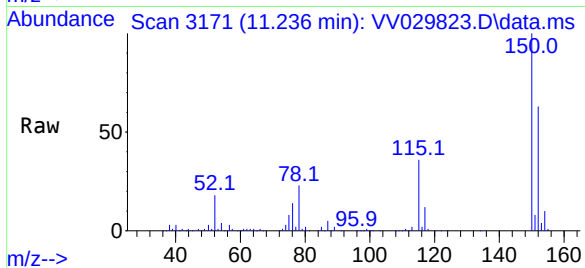
Tgt Ion: 75 Resp: 12503

Ion Ratio Lower Upper

75 100

77 29.8 26.5 39.7

110 1.8 31.8 47.8#



#71

Naphthalene

Concen: 0.064 ug/L

RT: 13.496 min Scan# 3874

Delta R.T. 0.006 min

Lab File: VV029823.D

Acq: 13 Jan 2023 21:28

Tgt Ion: 128 Resp: 1782

Ion Ratio Lower Upper

128 100

129 6.1 8.6 12.8#

127 13.4 10.0 15.0

