

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011323\
 Data File : VW029813.D
 Acq On : 13 Jan 2023 17:05
 Operator : SY/MD
 Sample : 01138-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH1X0

Quant Time: Jan 13 22:52:28 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	182947	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	178782	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	92836	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	69480	5.007	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.200%
7) Chloroethane-d5	1.565	69	63831	5.549	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.000%
11) 1,1-Dichloroethene-d2	2.105	63	96802	3.827	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.600%
20) 2-Butanone-d5	3.883	46	139686	56.795	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.580%
24) Chloroform-d	4.339	84	143116	5.622	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.400%
26) 1,2-Dichloroethane-d4	5.024	65	63471	5.888	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.800%
32) Benzene-d6	5.043	84	293503	5.534	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.600%
36) 1,2-Dichloropropane-d6	6.063	67	93037	5.994	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	119.800%
41) Toluene-d8	7.307	98	254328	5.180	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.600%
43) trans-1,3-Dichloroprop...	7.616	79	26161	4.615	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.400%
46) 2-Hexanone-d5	8.085	63	127275	55.152	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.300%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	67009	5.891	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	117.800%
66) 1,2-Dichlorobenzene-d4	11.612	152	99993	5.924	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.400%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	888	0.050	ug/L	88
5) Vinyl chloride	1.307	62	1390	0.079	ug/L #	1
12) 1,1-Dichloroethene	2.114	96	6621	0.424	ug/L #	1
14) Carbon disulfide	2.291	76	6113	0.136	ug/L #	92
17) Methyl tert-butyl Ether	2.764	73	3018	0.112	ug/L #	89
18) trans-1,2-Dichloroethene	2.761	96	701	0.048	ug/L #	80
19) 1,1-Dichloroethane	3.188	63	2023	0.083	ug/L	89
22) cis-1,2-Dichloroethene	3.905	96	17191	1.111	ug/L	97
34) Trichloroethene	5.905	95	74285	4.959	ug/L	96
35) Methylcyclohexane	6.063	83	21716	0.859	ug/L #	20
37) 1,2-Dichloropropane	6.063	63	9494	0.686	ug/L #	85
39) cis-1,3-Dichloropropene	6.979	75	1938	0.104	ug/L	83
44) trans-1,3-Dichloropropene	7.616	75	1231	0.082	ug/L #	72
53) m,p-Xylene	9.137	106	1684	0.064	ug/L	96
61) 1,2,3-Trichloropropane	11.236	75	10871	1.581	ug/L #	66
71) Naphthalene	13.497	128	1321	0.054	ug/L #	76

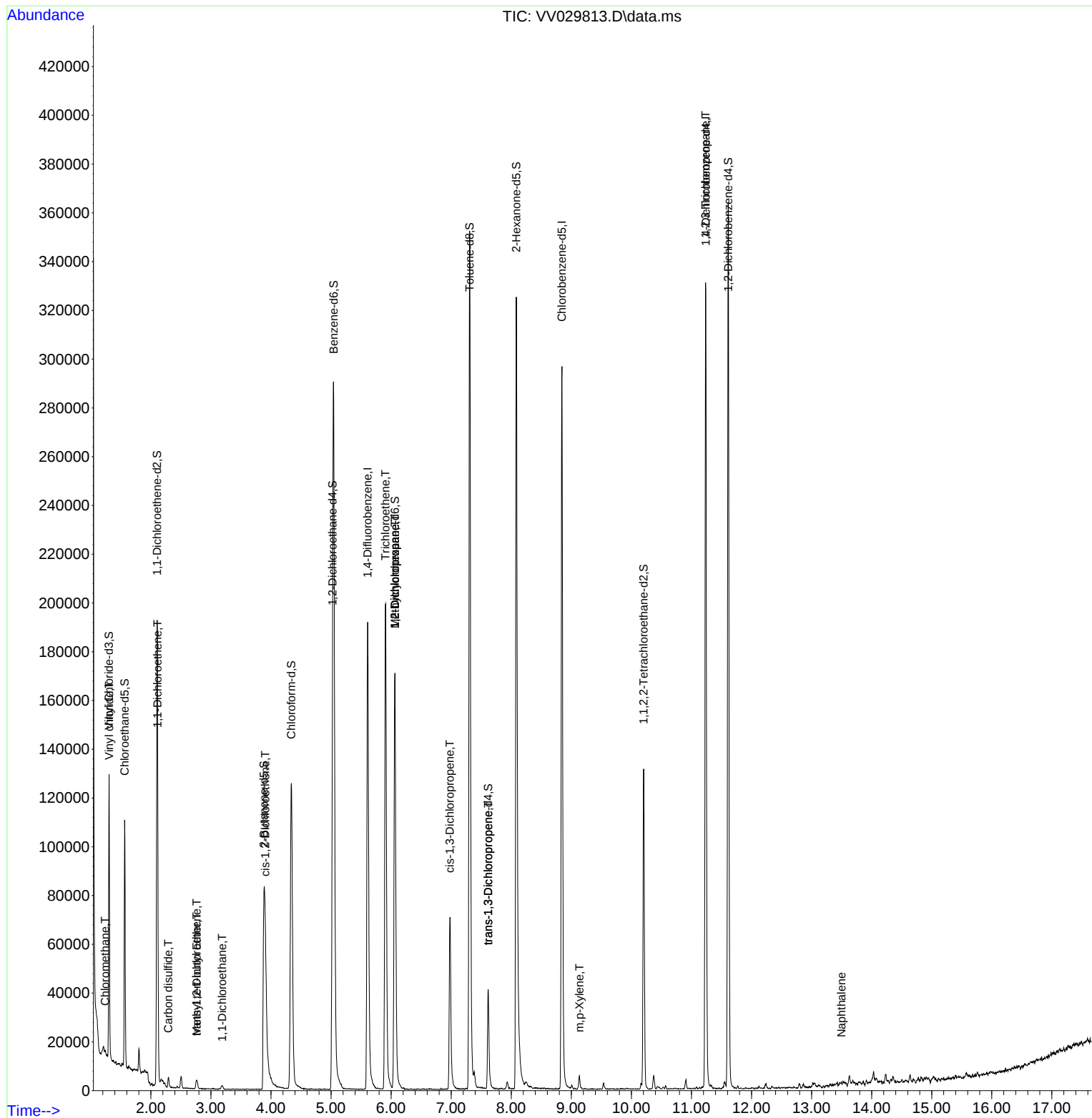
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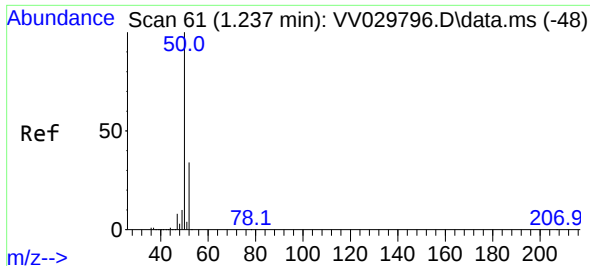
Instrument :
MSVOA_V
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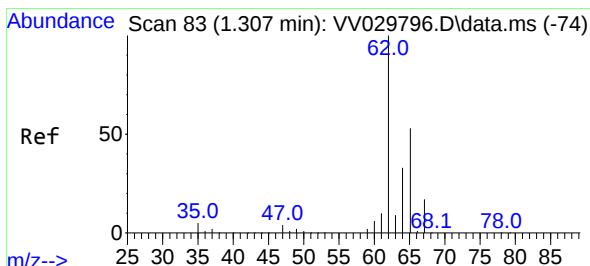
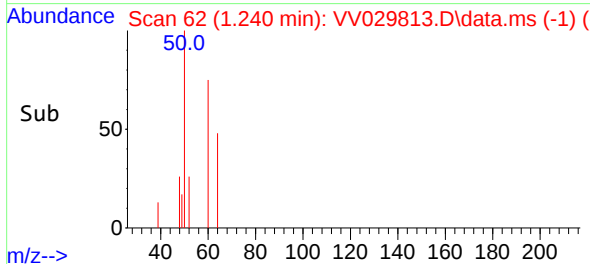
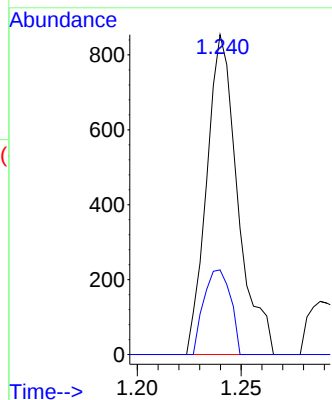
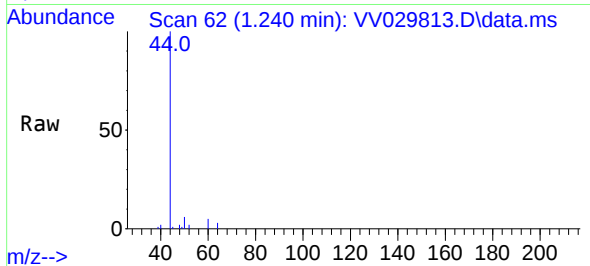




#3
Chloromethane
Concen: 0.050 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV029813.D
Acq: 13 Jan 2023 17:05

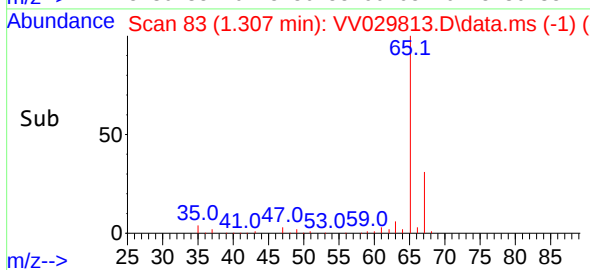
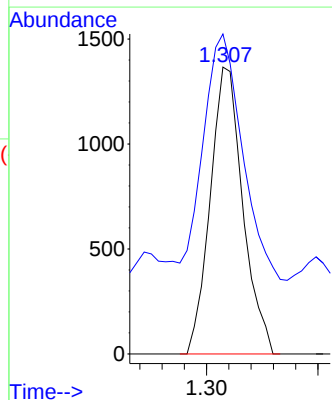
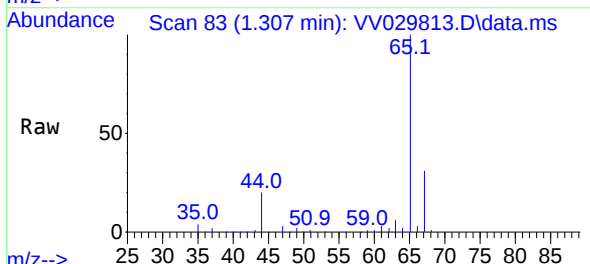
Instrument :
MSVOA_V
ClientSampleId :
BH1X0

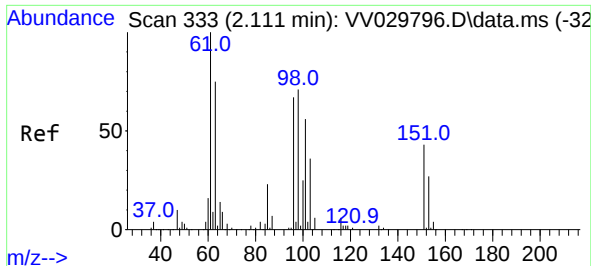
Tgt Ion: 50 Resp: 888
Ion Ratio Lower Upper
50 100
52 26.5 23.1 42.9



#5
Vinyl chloride
Concen: 0.079 ug/L
RT: 1.307 min Scan# 83
Delta R.T. 0.003 min
Lab File: VV029813.D
Acq: 13 Jan 2023 17:05

Tgt Ion: 62 Resp: 1390
Ion Ratio Lower Upper
62 100
64 111.6 23.2 43.2#





#12

1,1-Dichloroethene

Concen: 0.424 ug/L

RT: 2.114 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV029813.D

Acq: 13 Jan 2023 17:05

Instrument :

MSVOA_V

ClientSampleId :

BH1X0

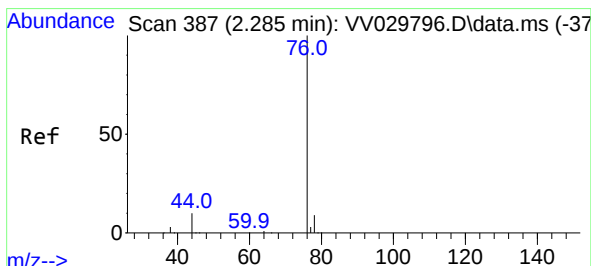
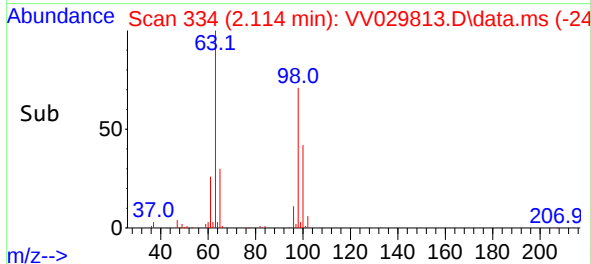
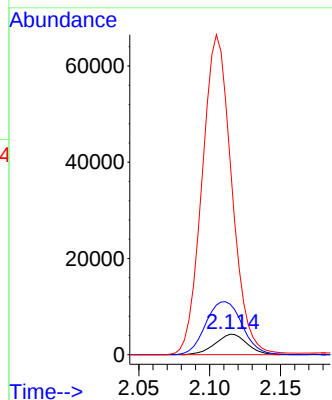
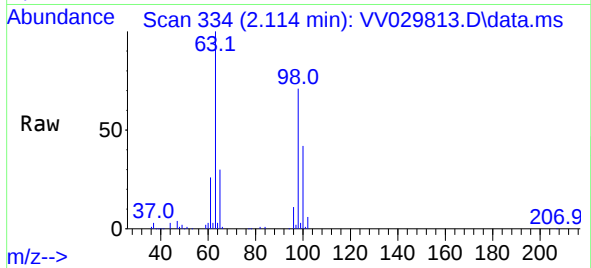
Tgt Ion: 96 Resp: 6621

Ion Ratio Lower Upper

96 100

61 246.0 106.1 197.1#

63 944.6 76.4 141.8#



#14

Carbon disulfide

Concen: 0.136 ug/L

RT: 2.291 min Scan# 389

Delta R.T. 0.006 min

Lab File: VV029813.D

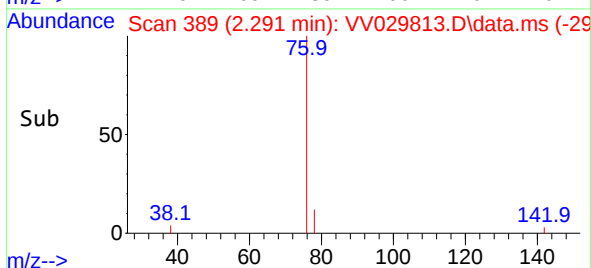
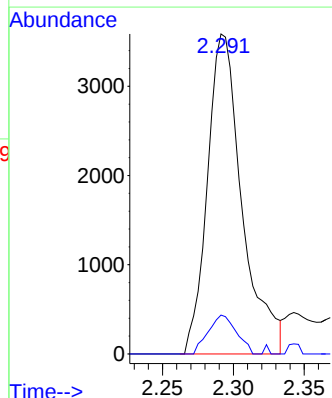
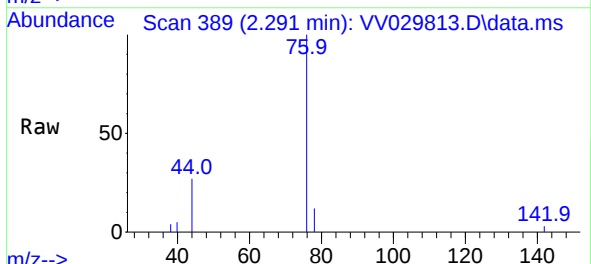
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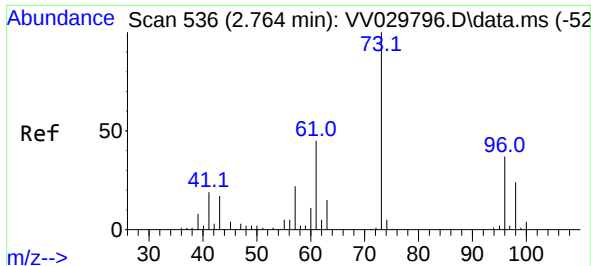
Tgt Ion: 76 Resp: 6113

Ion Ratio Lower Upper

76 100

78 12.2 7.4 11.0#

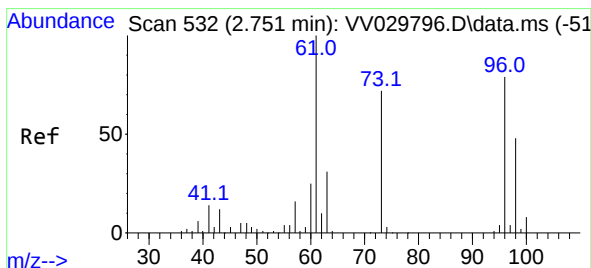
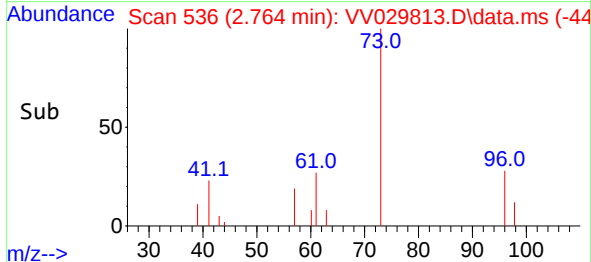
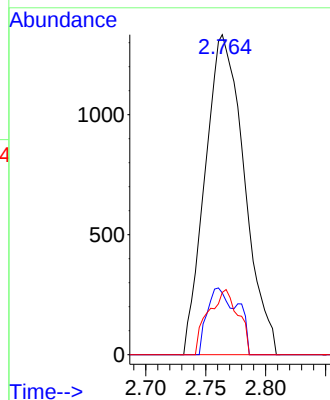
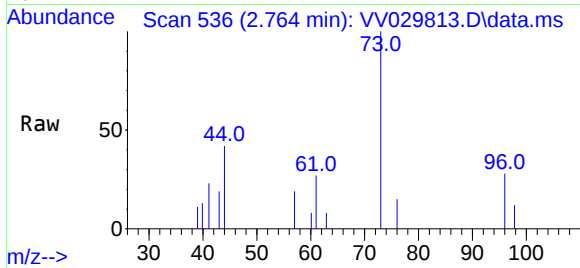




#17
Methyl tert-butyl Ether
Concen: 0.112 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV029813.D
Acq: 13 Jan 2023 17:05

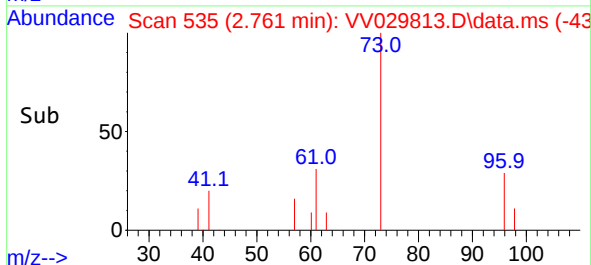
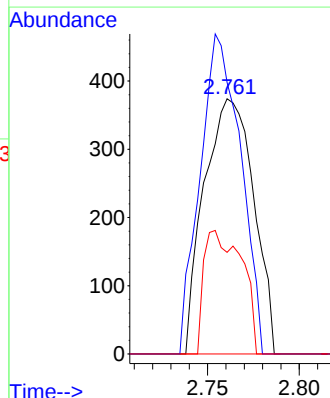
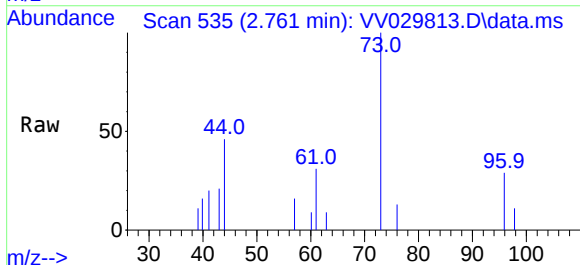
Instrument :
MSVOA_V
ClientSampleId :
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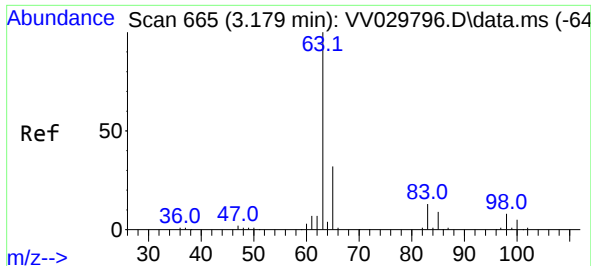
Tgt Ion: 73 Resp: 3018
Ion Ratio Lower Upper
73 100
43 12.4 13.0 19.4#
57 15.6 17.1 25.7#



#18
trans-1,2-Dichloroethene
Concen: 0.048 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.010 min
Lab File: VV029813.D
Acq: 13 Jan 2023 17:05

Tgt Ion: 96 Resp: 701
Ion Ratio Lower Upper
96 100
61 106.4 86.1 159.9
98 39.8 43.9 81.5#

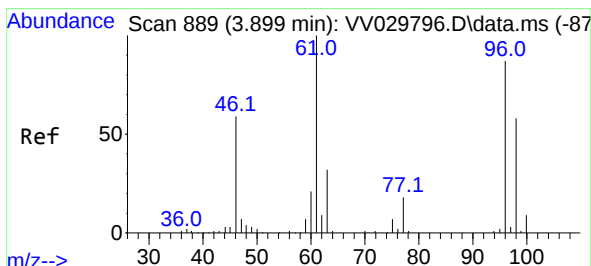
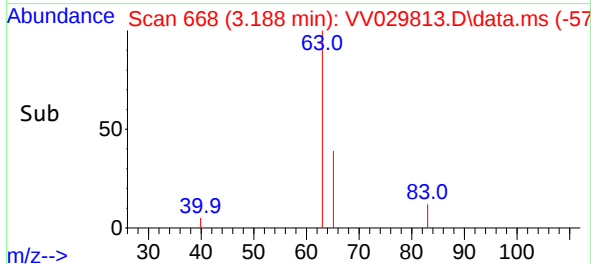
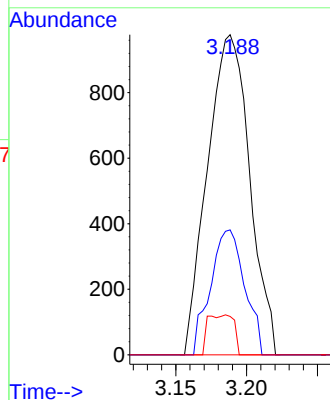
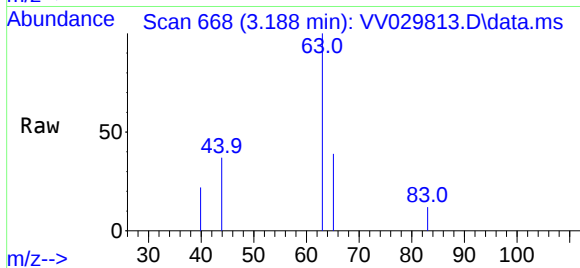




#19
1,1-Dichloroethane
Concen: 0.083 ug/L
RT: 3.188 min Scan# 60
Delta R.T. 0.010 min
Lab File: VV029813.D
Acq: 13 Jan 2023 17:05

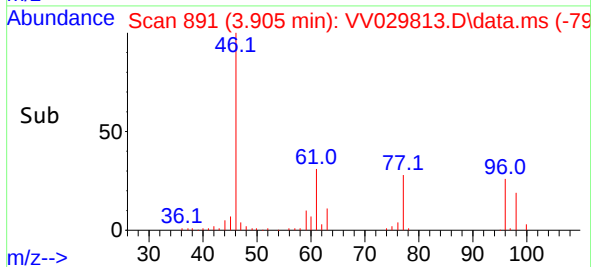
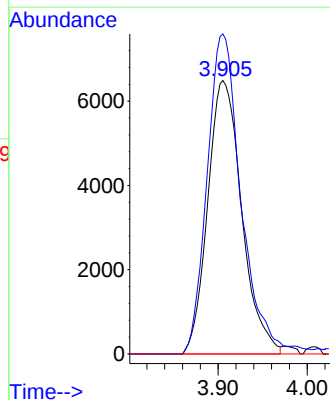
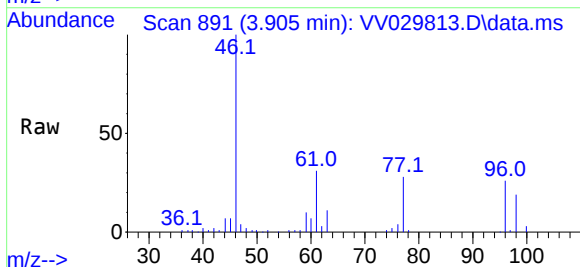
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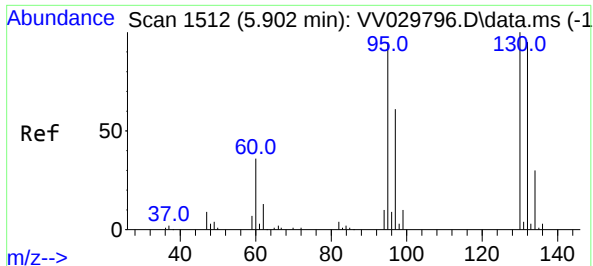
Tgt Ion: 63 Resp: 2023
Ion Ratio Lower Upper
63 100
65 39.0 22.4 41.6
83 12.0 10.2 19.0



#22
cis-1,2-Dichloroethene
Concen: 1.111 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.006 min
Lab File: VV029813.D
Acq: 13 Jan 2023 17:05

Tgt Ion: 96 Resp: 17191
Ion Ratio Lower Upper
96 100
61 117.0 80.0 148.6
68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 4.959 ug/L

RT: 5.905 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV029813.D

Acq: 13 Jan 2023 17:05

Instrument :

MSVOA_V

ClientSampleId :

BH1X0

Tgt Ion: 95 Resp: 74285

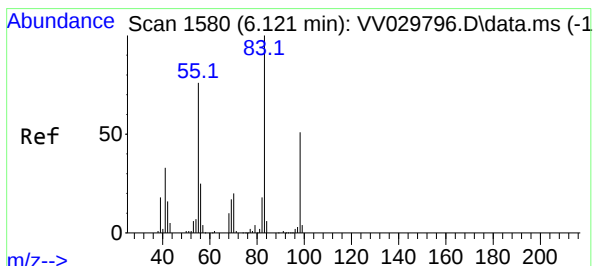
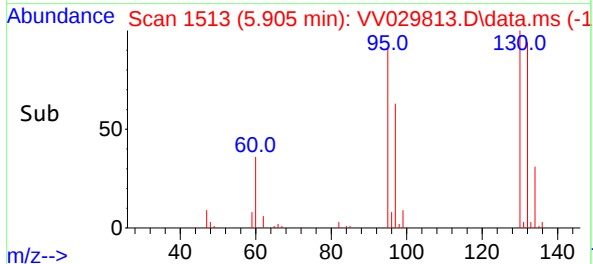
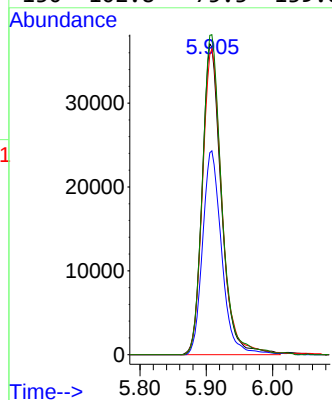
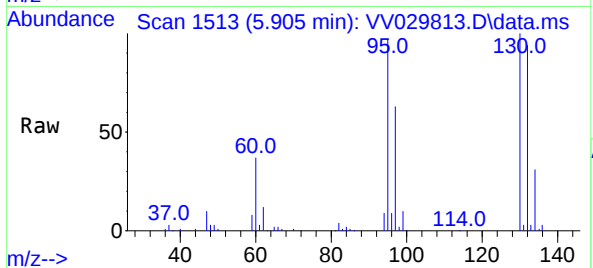
Ion Ratio Lower Upper

95 100

97 65.0 44.9 83.3

132 96.5 71.8 133.4

130 102.8 75.3 139.8



#35

Methylcyclohexane

Concen: 0.859 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.058 min

Lab File: VV029813.D

Acq: 13 Jan 2023 17:05

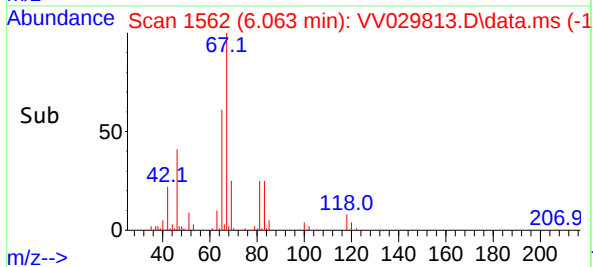
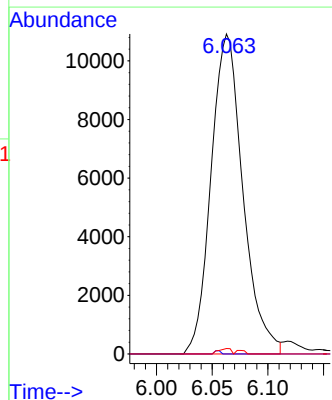
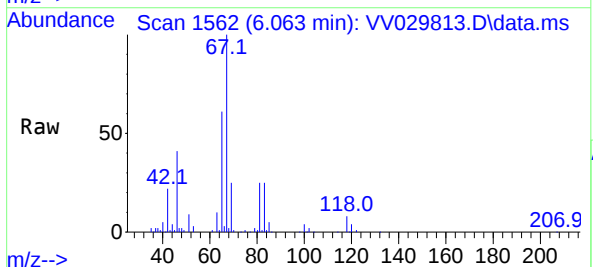
Tgt Ion: 83 Resp: 21716

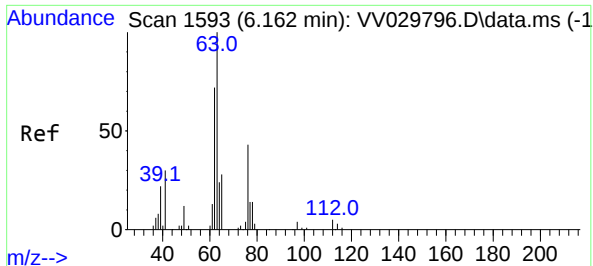
Ion Ratio Lower Upper

83 100

55 0.2 57.3 85.9#

98 0.7 39.0 58.6#

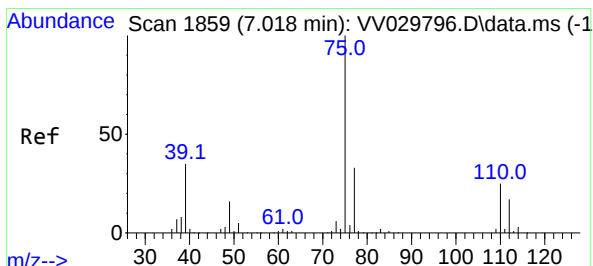
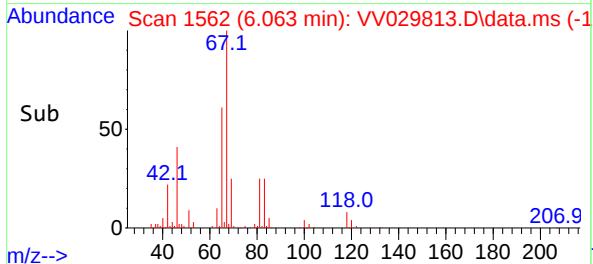
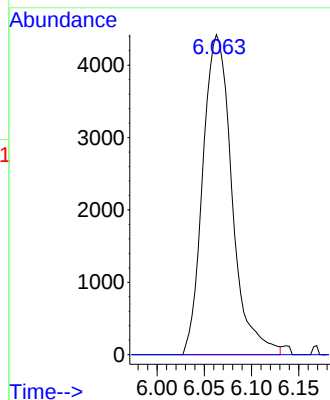
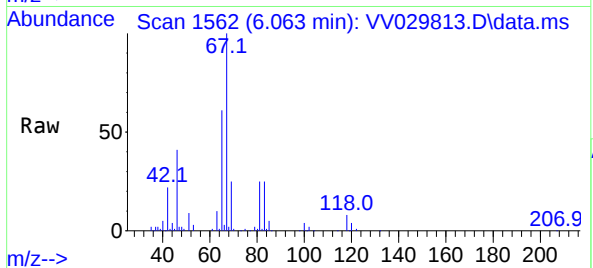




#37
1,2-Dichloropropane
Concen: 0.686 ug/L
RT: 6.063 min Scan# 11
Delta R.T. -0.100 min
Lab File: VV029813.D
Acq: 13 Jan 2023 17:05

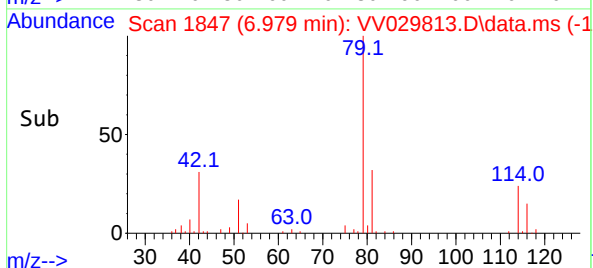
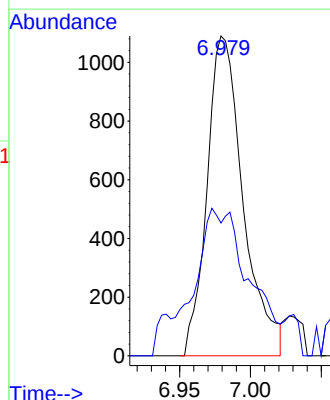
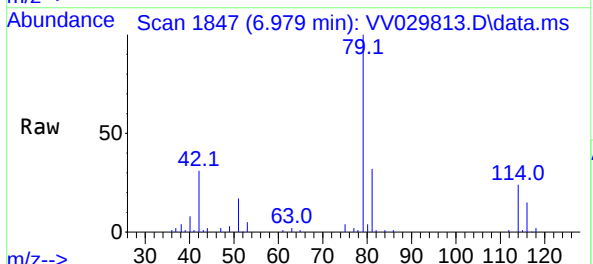
Instrument :
MSVOA_V
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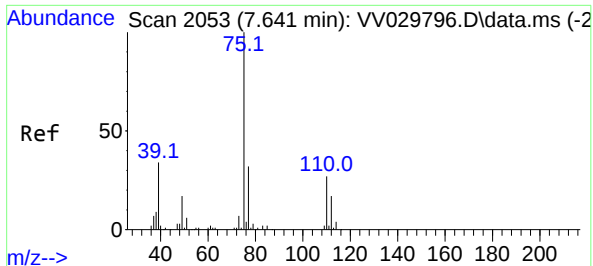
Tgt Ion: 63 Resp: 9494
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#



#39
cis-1,3-Dichloropropene
Concen: 0.104 ug/L
RT: 6.979 min Scan# 1847
Delta R.T. -0.039 min
Lab File: VV029813.D
Acq: 13 Jan 2023 17:05

Tgt Ion: 75 Resp: 1938
Ion Ratio Lower Upper
75 100
77 41.6 22.4 41.6

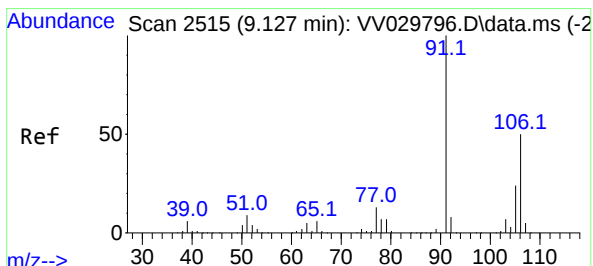
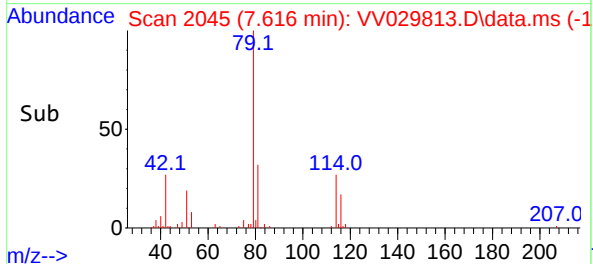
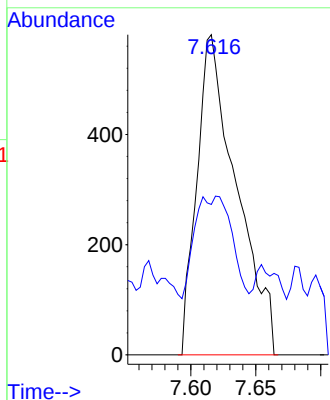
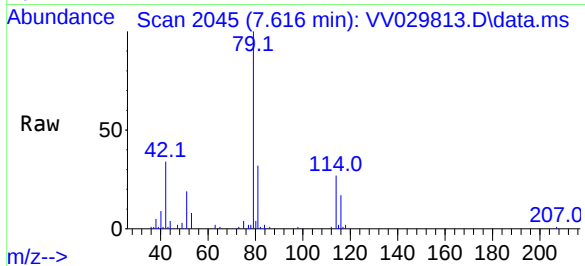




#44
trans-1,3-Dichloropropene
Concen: 0.082 ug/L
RT: 7.616 min Scan# 2045
Delta R.T. -0.026 min
Lab File: VV029813.D
Acq: 13 Jan 2023 17:05

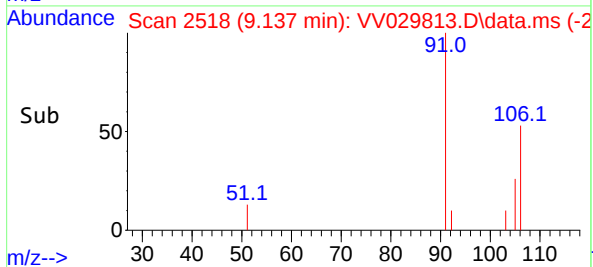
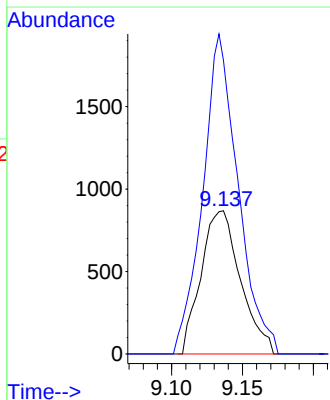
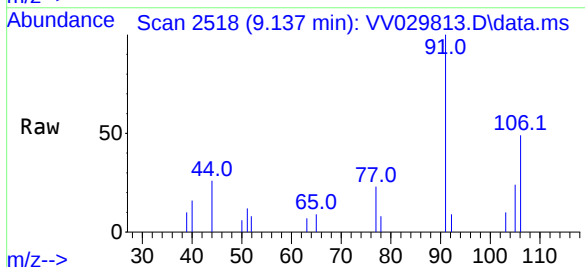
Instrument :
MSVOA_V
ClientSampleId :
BH1X0

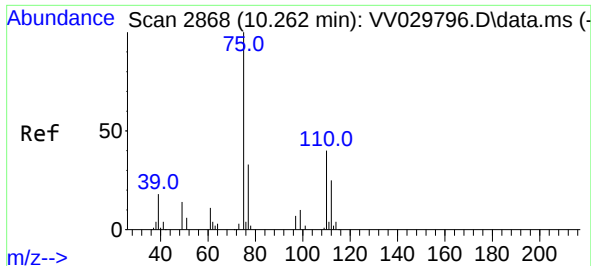
Tgt Ion: 75 Resp: 1231
Ion Ratio Lower Upper
75 100
77 47.0 21.9 40.7#



#53
m,p-Xylene
Concen: 0.064 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. 0.006 min
Lab File: VV029813.D
Acq: 13 Jan 2023 17:05

Tgt Ion: 106 Resp: 1684
Ion Ratio Lower Upper
106 100
91 204.8 138.7 257.7





#61

1,2,3-Trichloropropane

Concen: 1.581 ug/L

RT: 11.236 min Scan# 3171

Delta R.T. 0.974 min

Lab File: VV029813.D

Acq: 13 Jan 2023 17:05

Instrument :

MSVOA_V

ClientSampleId :

BH1X0

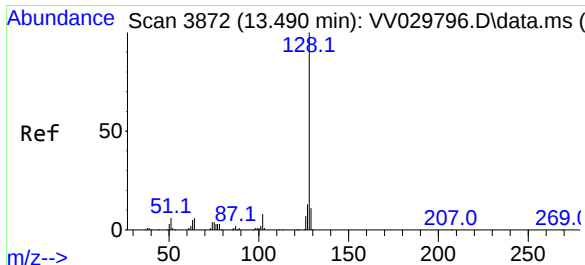
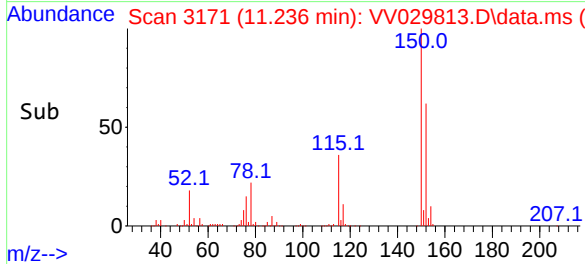
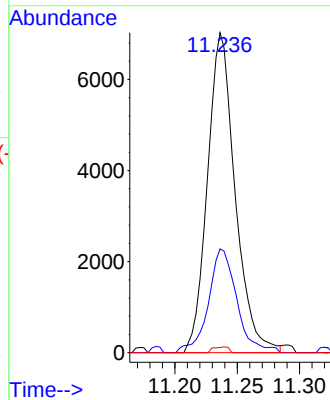
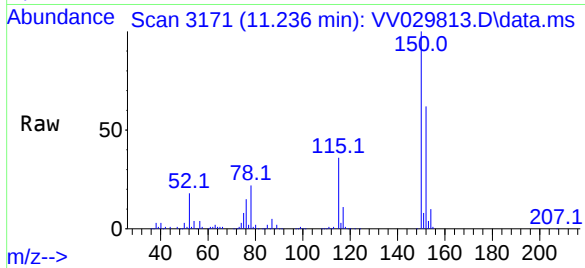
Tgt Ion: 75 Resp: 10871

Ion Ratio Lower Upper

75 100

77 33.2 26.5 39.7

110 1.0 31.8 47.8#



#71

Naphthalene

Concen: 0.054 ug/L

RT: 13.497 min Scan# 3874

Delta R.T. 0.006 min

Lab File: VV029813.D

Acq: 13 Jan 2023 17:05

Tgt Ion: 128 Resp: 1321

Ion Ratio Lower Upper

128 100

129 5.4 8.6 12.8#

127 0.0 10.0 15.0#

