

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012423\
 Data File : VW029926.D
 Acq On : 24 Jan 2023 16:28
 Operator : SY/MD
 Sample : 01225-23
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EX9H1

Quant Time: Jan 25 00:45:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 25 00:44:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	170980	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.841	117	171500	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	89956	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	67691	5.220	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.400%
7) Chloroethane-d5	1.564	69	64501	6.000	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	120.000%
11) 1,1-Dichloroethene-d2	2.101	63	94498	3.997	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.000%
20) 2-Butanone-d5	3.937	46	107720	46.863	ug/L	0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.720%
24) Chloroform-d	4.336	84	123444	5.189	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.800%
26) 1,2-Dichloroethane-d4	5.024	65	51377	5.099	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.000%
32) Benzene-d6	5.040	84	245004	4.816	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
36) 1,2-Dichloropropane-d6	6.059	67	80502	5.407	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.200%
41) Toluene-d8	7.307	98	201610	4.281	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.600%
43) trans-1,3-Dichloroprop...	7.616	79	21659	3.983	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.600%
46) 2-Hexanone-d5	8.088	63	104634	47.267	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.540%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	57989	5.315	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.200%
66) 1,2-Dichlorobenzene-d4	11.612	152	82286	5.031	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.600%
Target Compounds						Qvalue
5) Vinyl chloride	1.410	62	96151	5.855	ug/L #	72
6) Bromomethane	1.519	94	758	0.095	ug/L	92
13) Acetone	2.243	43	28277	17.236	ug/L	90
14) Carbon disulfide	2.285	76	53708	1.278	ug/L	100
15) Methyl Acetate	2.243	43	28277	6.618	ug/L #	45
16) Methylene chloride	2.500	84	4771	0.263	ug/L	91
17) Methyl tert-butyl Ether	2.767	73	5225	0.207	ug/L #	86
22) cis-1,2-Dichloroethene	3.912	96	2385	0.165	ug/L	84
33) Benzene	5.095	78	15285	0.270	ug/L	100
35) Methylcyclohexane	6.059	83	17792	0.733	ug/L #	20
37) 1,2-Dichloropropane	6.063	63	7887	0.594	ug/L #	92
39) cis-1,3-Dichloropropene	6.976	75	1471	0.083	ug/L #	36
44) trans-1,3-Dichloropropene	7.616	75	1162	0.081	ug/L #	47
52) Ethylbenzene	9.008	91	3104	0.048	ug/L	97
60) Isopropylbenzene	9.921	105	9159	0.159	ug/L #	92
71) Naphthalene	13.493	128	6586	0.277	ug/L	96

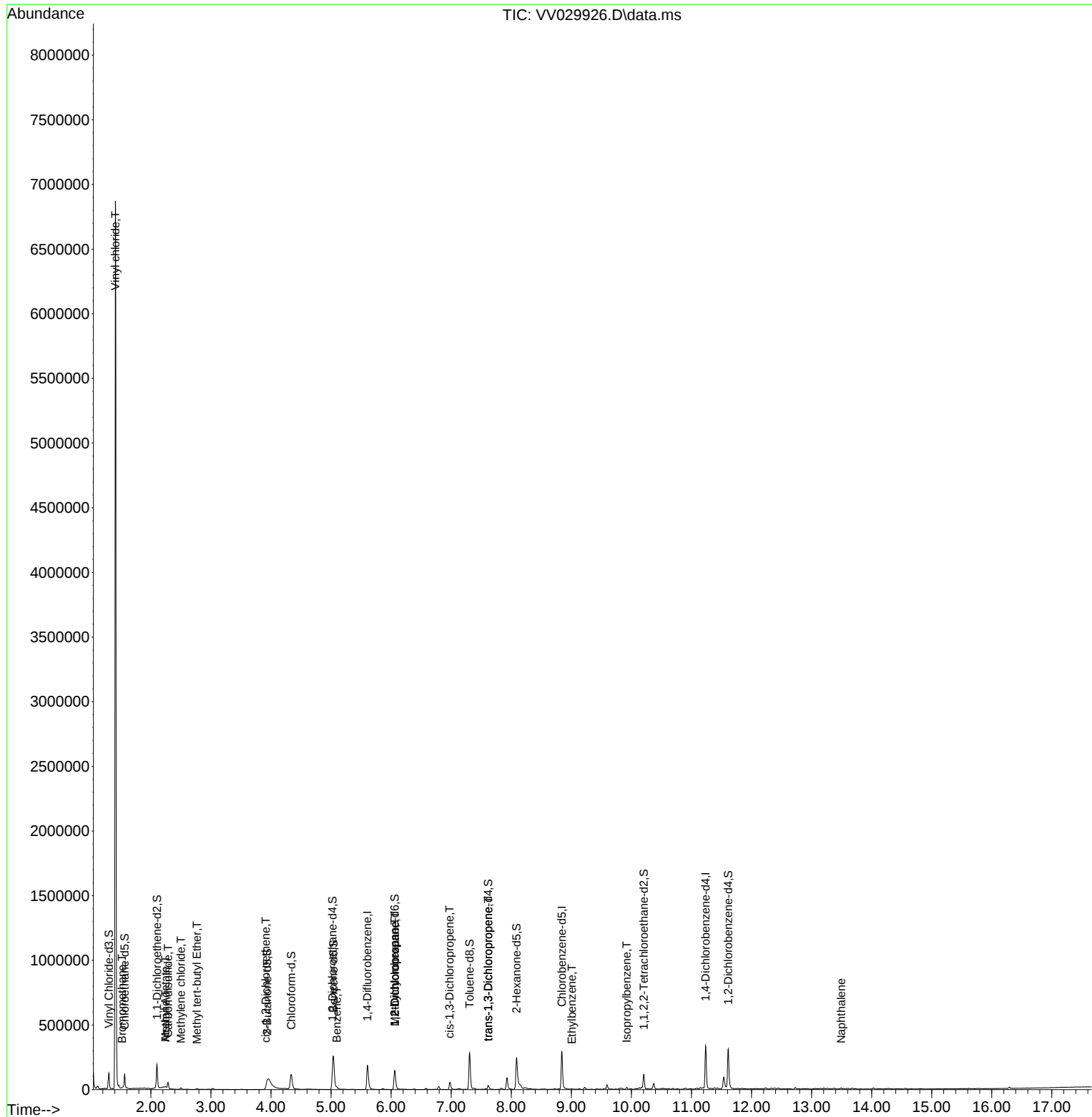
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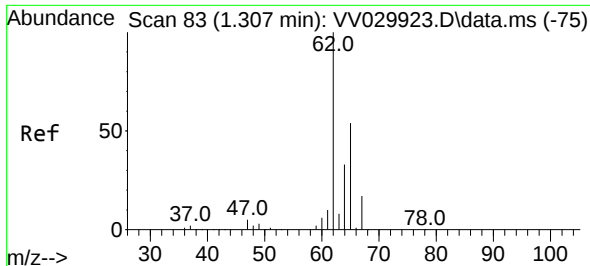
Instrument :
MSVOA_V
ClientSampleId :
EX9H1

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Quant Time: Jan 25 00:45:31 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jan 25 00:44:28 2023
Response via : Initial Calibration

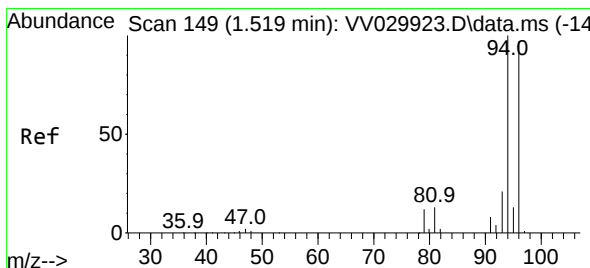
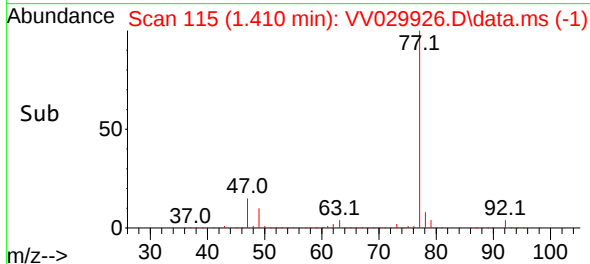
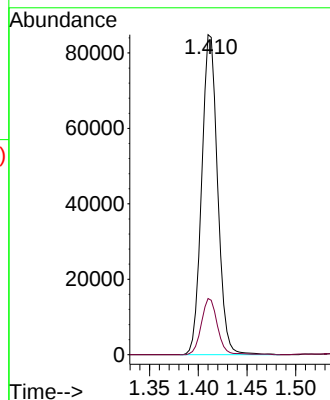
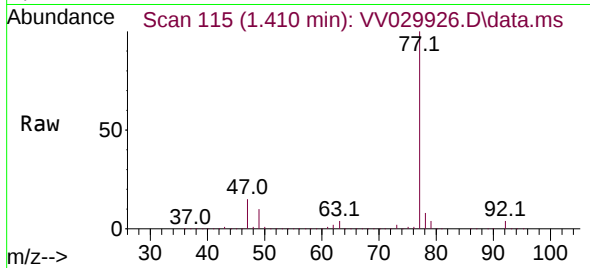




#5
 Vinyl chloride
 Concen: 5.855 ug/L
 RT: 1.410 min Scan# 115
 Delta R.T. 0.103 min
 Lab File: VV029926.D
 Acq: 24 Jan 2023 16:28

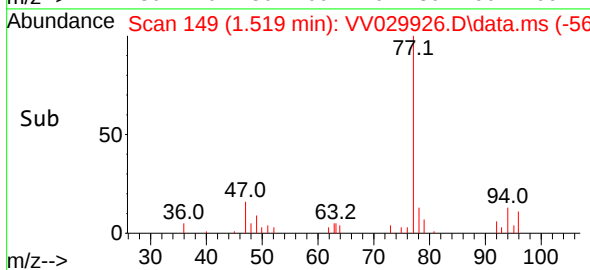
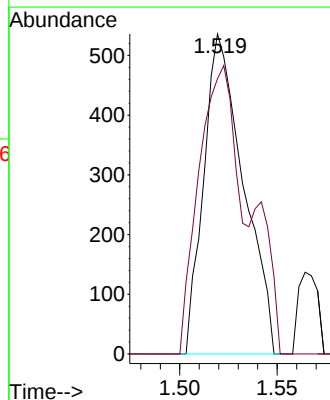
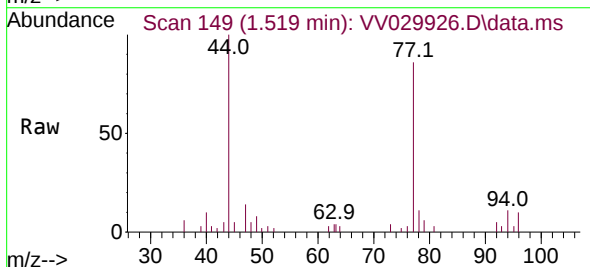
Instrument :
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 ClientSampleId :
 EX9H1

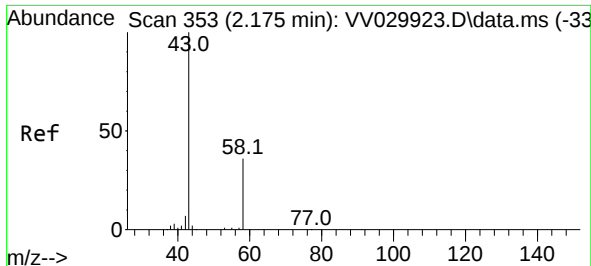
Tgt Ion: 62 Resp: 96151
 Ion Ratio Lower Upper
 62 100
 64 17.5 23.2 43.2#



#6
 Bromomethane
 Concen: 0.095 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.000 min
 Lab File: VV029926.D
 Acq: 24 Jan 2023 16:28

Tgt Ion: 94 Resp: 758
 Ion Ratio Lower Upper
 94 100
 96 86.0 65.9 122.5





#13

Acetone

Concen: 17.236 ug/L

RT: 2.243 min Scan# 31

Delta R.T. 0.067 min

Lab File: VV029926.D

Acq: 24 Jan 2023 16:28

Instrument :

MSVOA_V

ClientSampleId :

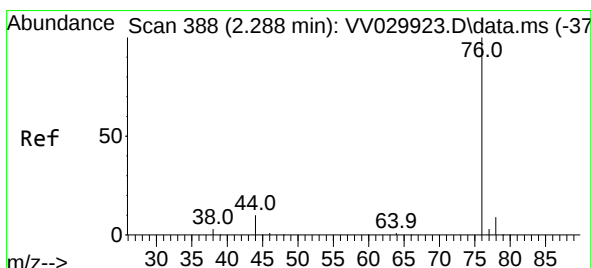
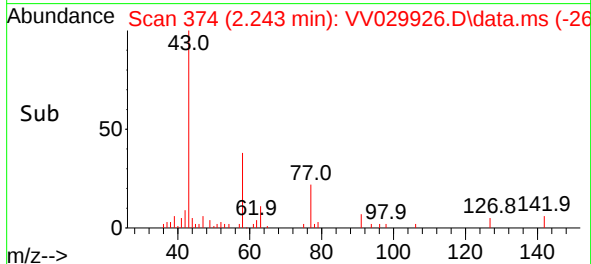
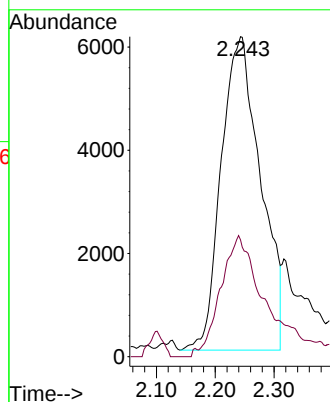
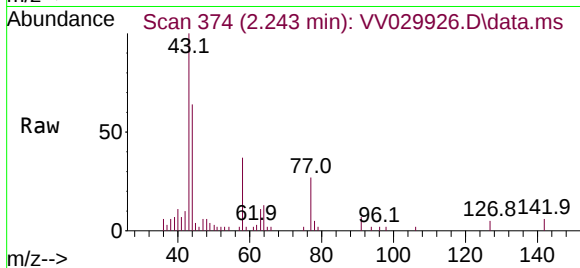
EX9H1

Tgt Ion: 43 Resp: 28277

Ion Ratio Lower Upper

43 100

58 40.3 0.0 68.8



#14

Carbon disulfide

Concen: 1.278 ug/L

RT: 2.285 min Scan# 387

Delta R.T. -0.003 min

Lab File: VV029926.D

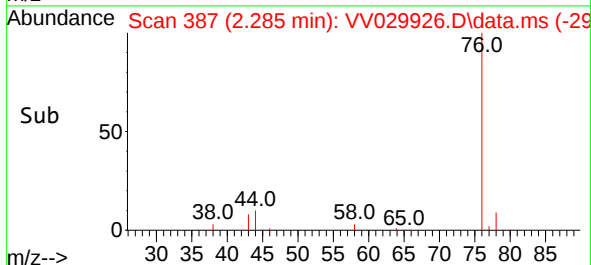
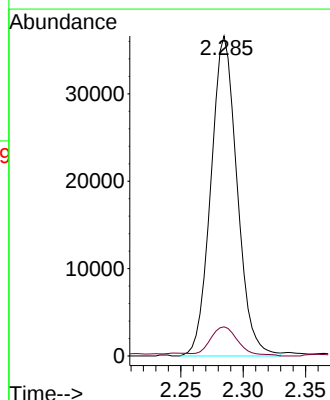
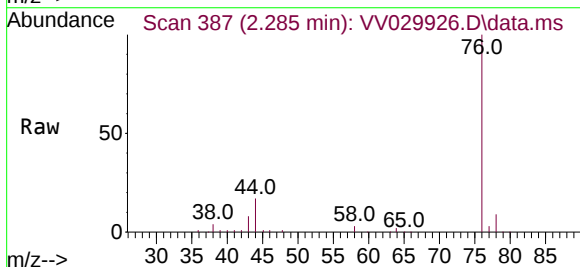
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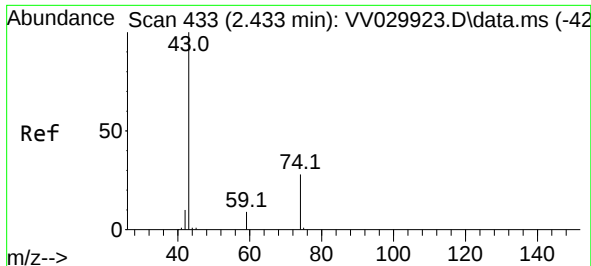
Tgt Ion: 76 Resp: 53708

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0

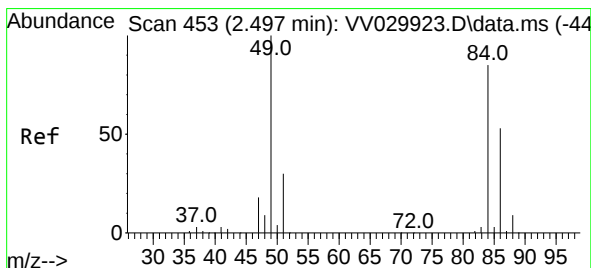
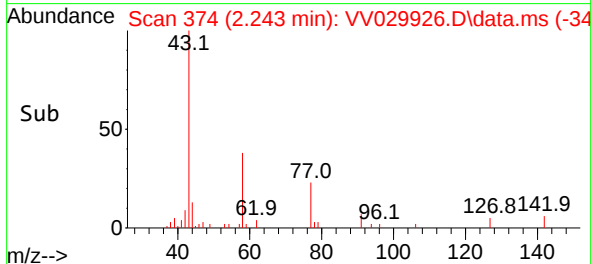
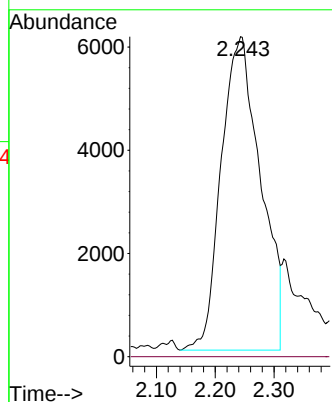
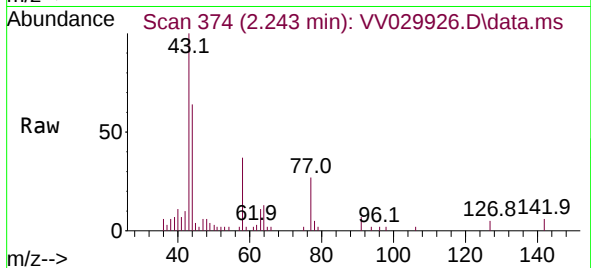




#15
Methyl Acetate
Concen: 6.618 ug/L
RT: 2.243 min Scan# 31
Delta R.T. -0.190 min
Lab File: VV029926.D
Acq: 24 Jan 2023 16:28

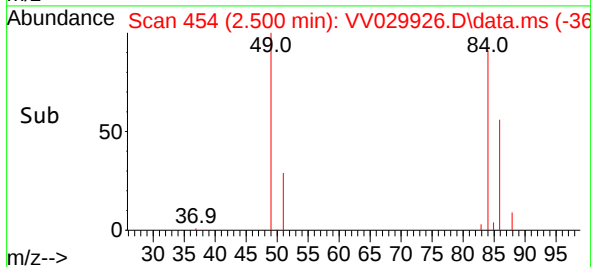
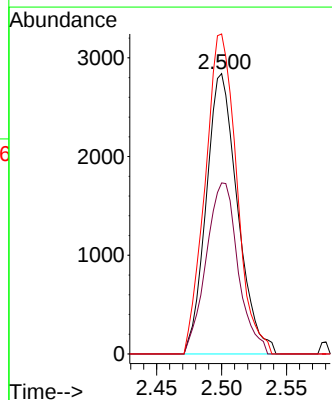
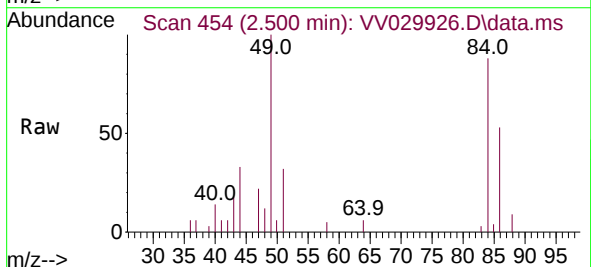
Instrument :
MSVOA_V
ClientSampleId :
EX9H1

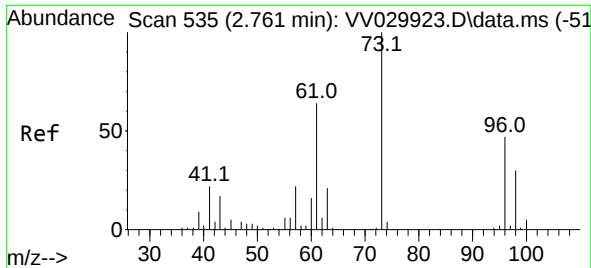
Tgt Ion: 43 Resp: 28277
Ion Ratio Lower Upper
43 100
74 0.0 23.4 35.0#



#16
Methylene chloride
Concen: 0.263 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.003 min
Lab File: VV029926.D
Acq: 24 Jan 2023 16:28

Tgt Ion: 84 Resp: 4771
Ion Ratio Lower Upper
84 100
86 61.0 45.0 83.6
49 114.2 71.5 132.7

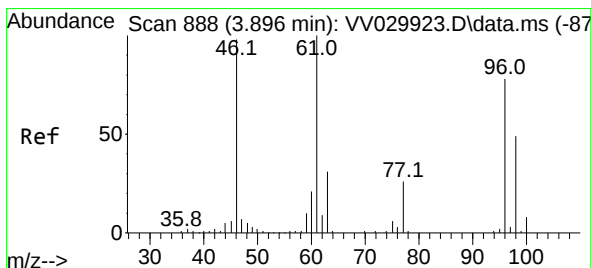
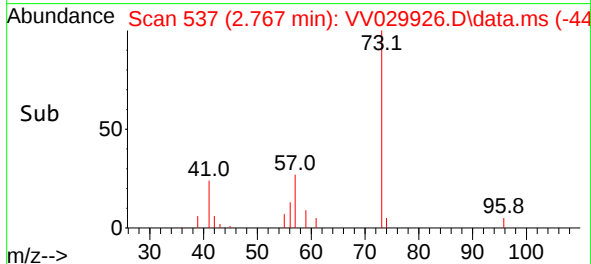
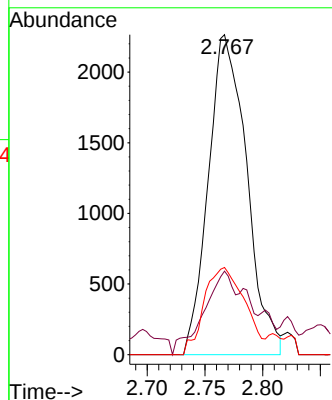
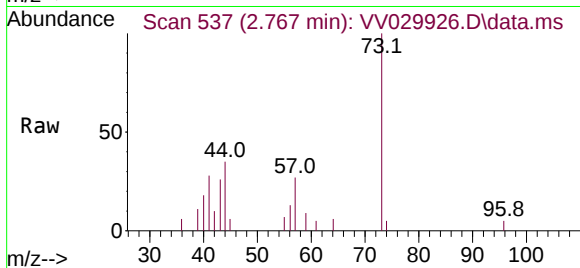




#17
Methyl tert-butyl Ether
Concen: 0.207 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV029926.D
Acq: 24 Jan 2023 16:28

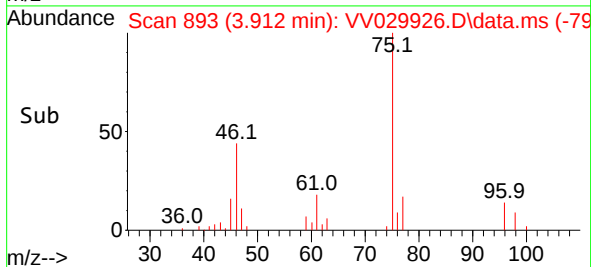
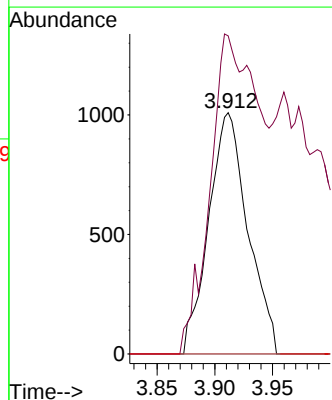
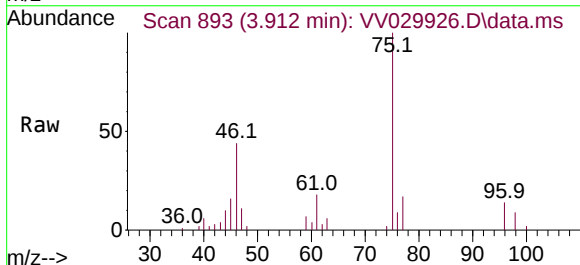
Instrument :
MSVOA_V
ClientSampleId :
EX9H1

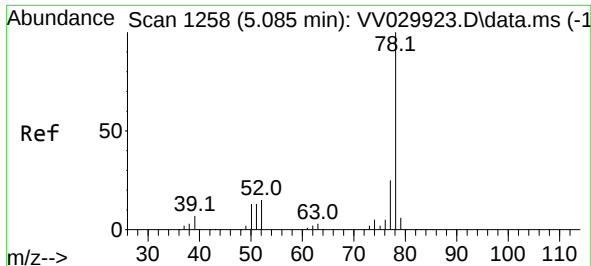
Tgt Ion: 73 Resp: 5225
Ion Ratio Lower Upper
73 100
43 20.4 13.0 19.4#
57 29.1 17.1 25.7#



#22
cis-1,2-Dichloroethene
Concen: 0.165 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.016 min
Lab File: VV029926.D
Acq: 24 Jan 2023 16:28

Tgt Ion: 96 Resp: 2385
Ion Ratio Lower Upper
96 100
61 131.8 80.0 148.6
68 0.0 0.0 0.0

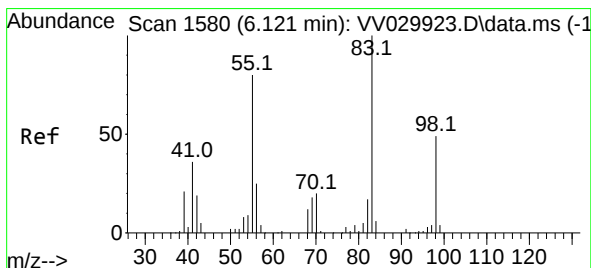
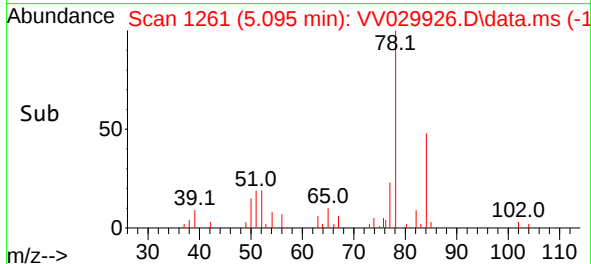
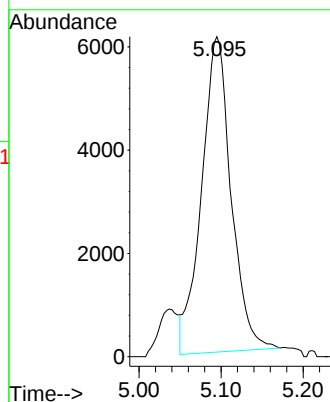
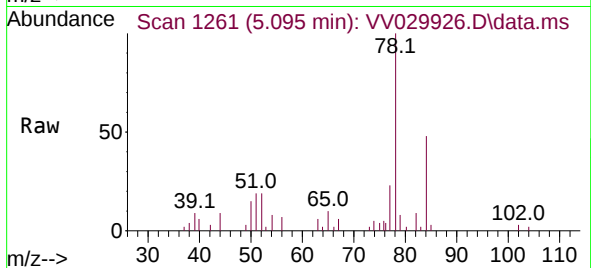




#33
Benzene
Concen: 0.270 ug/L
RT: 5.095 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV029926.D
Acq: 24 Jan 2023 16:28

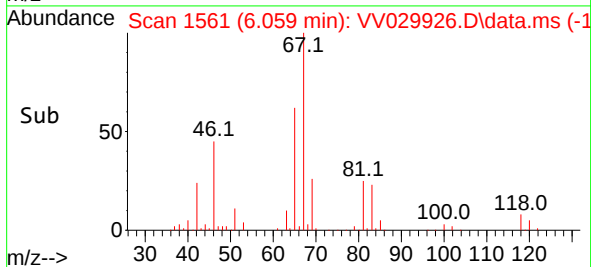
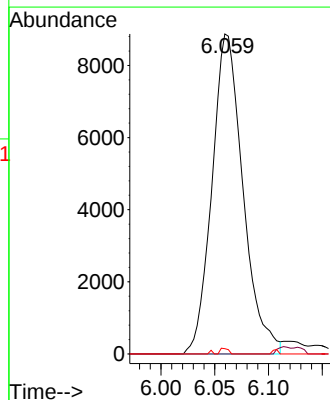
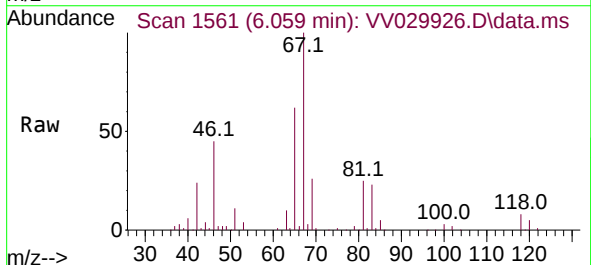
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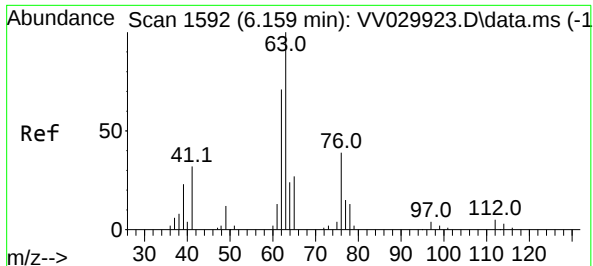
Tgt Ion: 78 Resp: 15285



#35
Methylcyclohexane
Concen: 0.733 ug/L
RT: 6.059 min Scan# 1561
Delta R.T. -0.061 min
Lab File: VV029926.D
Acq: 24 Jan 2023 16:28

Tgt Ion: 83 Resp: 17792
Ion Ratio Lower Upper
83 100
55 0.0 57.3 85.9#
98 0.5 39.0 58.6#





#37

1,2-Dichloropropane

Concen: 0.594 ug/L

RT: 6.063 min Scan# 11

Delta R.T. -0.097 min

Lab File: VV029926.D

Acq: 24 Jan 2023 16:28

Instrument :

MSVOA_V

ClientSampleId :

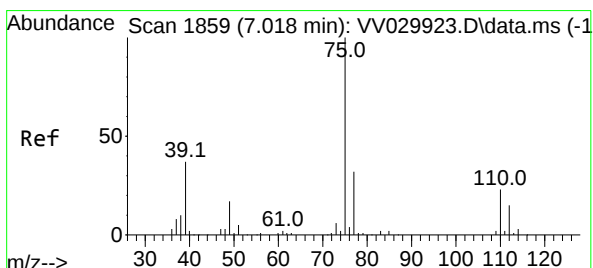
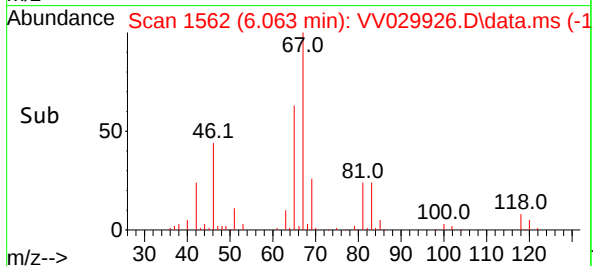
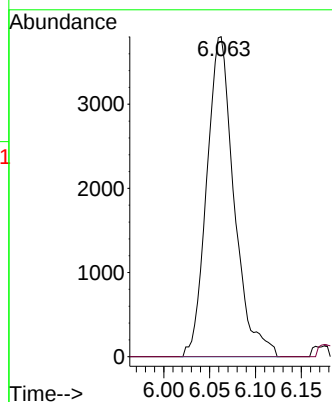
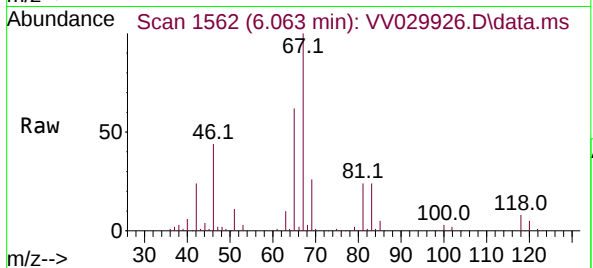
EX9H1

Tgt Ion: 63 Resp: 7887

Ion Ratio Lower Upper

63 100

112 2.2 3.9 5.9#



#39

cis-1,3-Dichloropropene

Concen: 0.083 ug/L

RT: 6.976 min Scan# 1846

Delta R.T. -0.042 min

Lab File: VV029926.D

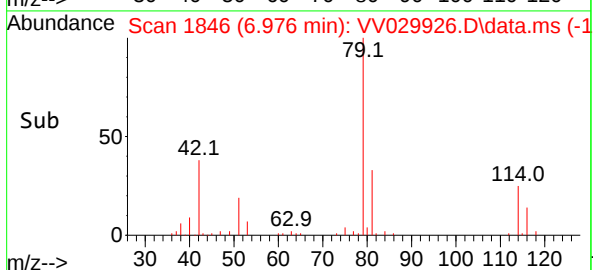
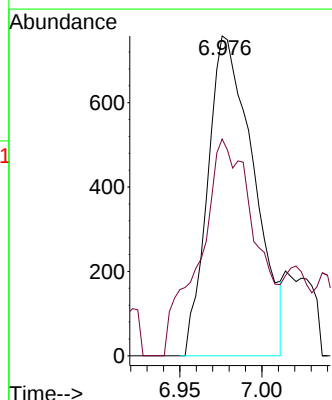
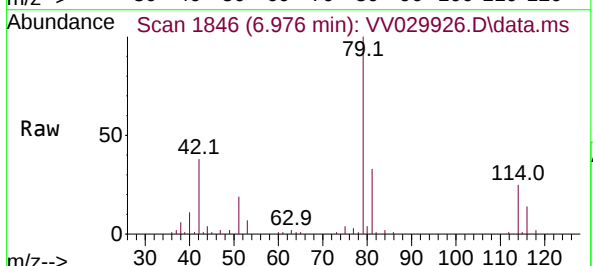
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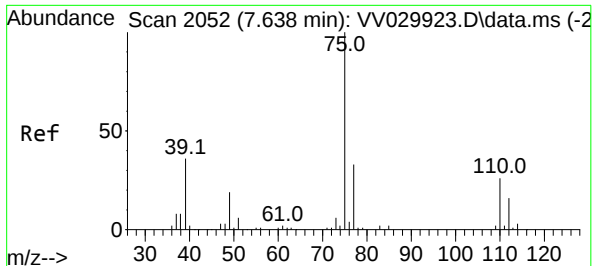
Tgt Ion: 75 Resp: 1471

Ion Ratio Lower Upper

75 100

77 67.8 22.4 41.6#

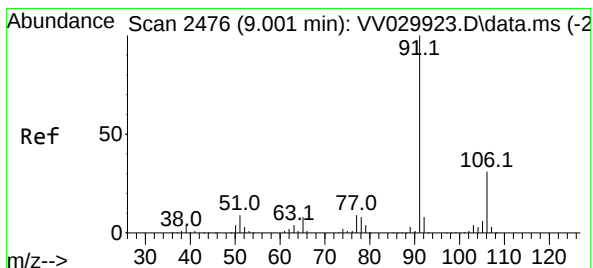
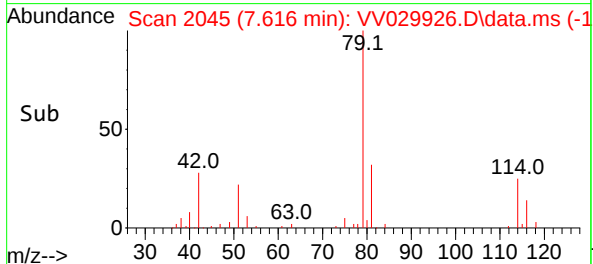
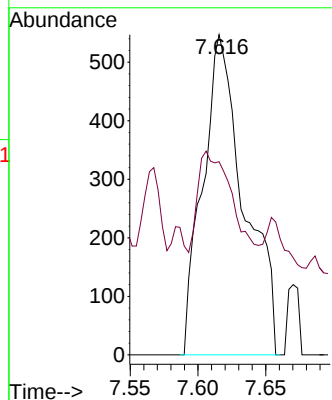
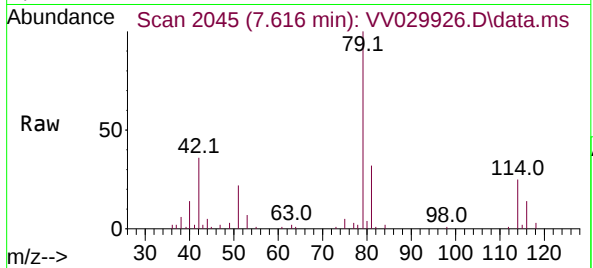




#44
trans-1,3-Dichloropropene
Concen: 0.081 ug/L
RT: 7.616 min Scan# 2045
Delta R.T. -0.023 min
Lab File: VV029926.D
Acq: 24 Jan 2023 16:28

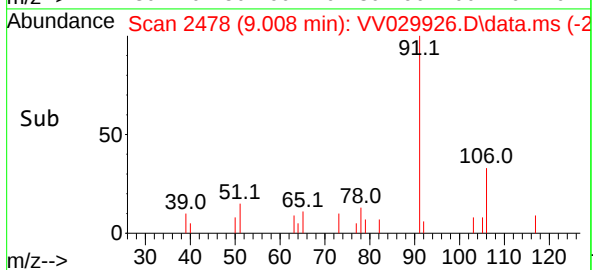
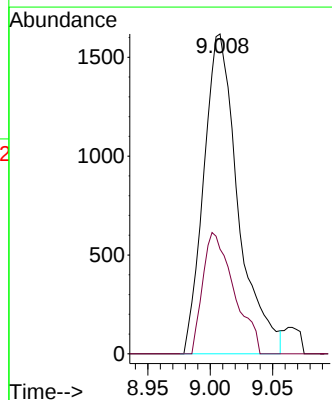
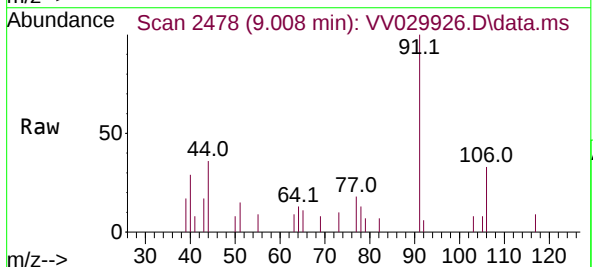
Instrument :
MSVOA_V
ClientSampleId :
EX9H1

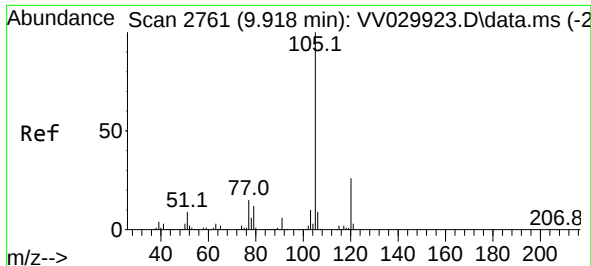
Tgt Ion: 75 Resp: 1162
Ion Ratio Lower Upper
75 100
77 60.3 21.9 40.7#



#52
Ethylbenzene
Concen: 0.048 ug/L
RT: 9.008 min Scan# 2478
Delta R.T. 0.006 min
Lab File: VV029926.D
Acq: 24 Jan 2023 16:28

Tgt Ion: 91 Resp: 3104
Ion Ratio Lower Upper
91 100
106 32.8 21.9 40.7

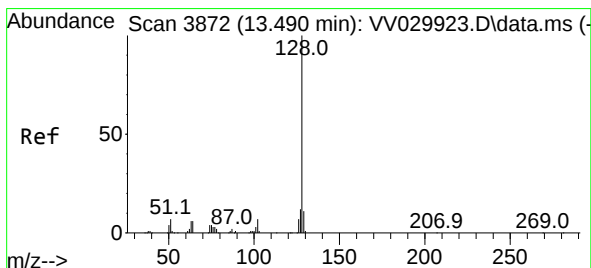
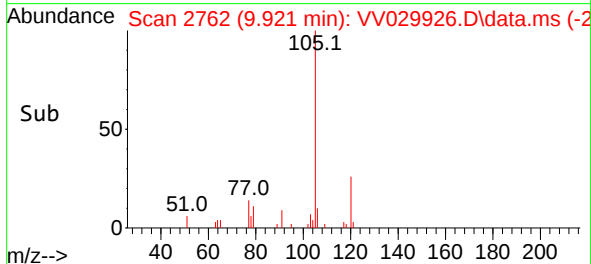
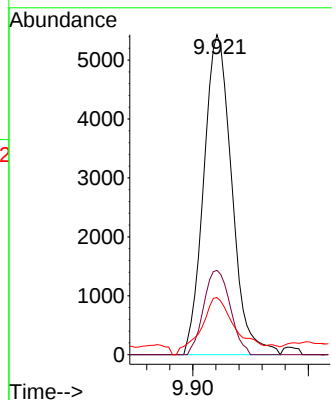
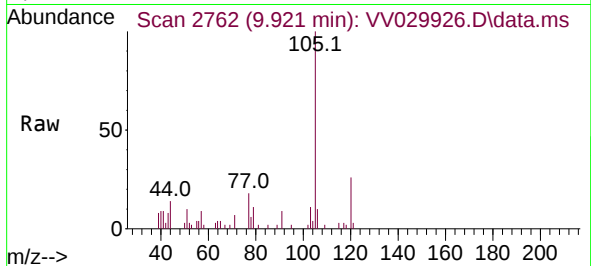




#60
Isopropylbenzene
Concen: 0.159 ug/L
RT: 9.921 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV029926.D
Acq: 24 Jan 2023 16:28

Instrument :
MSVOA_V
ClientSampleId :
EX9H1

Tgt Ion:105 Resp: 9159
Ion Ratio Lower Upper
105 100
120 24.9 21.2 31.8
77 22.1 11.8 17.8#



#71
Naphthalene
Concen: 0.277 ug/L
RT: 13.493 min Scan# 3873
Delta R.T. 0.003 min
Lab File: VV029926.D
Acq: 24 Jan 2023 16:28

Tgt Ion:128 Resp: 6586
Ion Ratio Lower Upper
128 100
129 12.7 8.6 12.8
127 14.0 10.0 15.0

