

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW082823\
 Data File : VW031949.D
 Acq On : 28 Aug 2023 17:33
 Operator : SY/MD
 Sample : 04175-10ME
 Misc : 5.00g/5.0mL/100uL5.0mL/MSVOA_V/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 29 00:09:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 26 00:50:15 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	210246	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	204946	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	105482	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	59826	45.468	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.940%
7) Chloroethane-d5	1.526	69	35434	30.720	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	61.440%#
11) 1,1-Dichloroethene-d2	2.040	65	28669	46.531	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.060%
21) 2-Butanone-d5	3.812	46	134378	129.850	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	129.850%
24) Chloroform-d	4.252	84	162447	56.484	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.960%
26) 1,2-Dichloroethane-d4	4.944	65	110623	57.960	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.920%
32) Benzene-d6	4.960	84	317269	56.732	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.460%
36) 1,2-Dichloropropane-d6	5.992	67	114352	63.529	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	127.060%#
41) Toluene-d8	7.246	98	280803	54.495	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.980%
43) trans-1,3-Dichloroprop...	7.558	79	54932	58.880	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	117.760%
47) 2-Hexanone-d5	8.040	63	23559	42.703	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	42.700%#
56) 1,1,2,2-Tetrachloroeth...	10.165	84	164893	70.891	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	141.780%#
66) 1,2-Dichlorobenzene-d4	11.570	152	118314	61.530	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	123.060%#
Target Compounds						
6) Bromomethane	1.484	94	996	1.214	ug/L	99
13) Acetone	2.137	43	3272	3.552	ug/L	95
14) Carbon disulfide	2.220	76	6686	2.663	ug/L	100
16) Methylene chloride	2.442	84	2669	1.885	ug/L	98
29) Cyclohexane	4.574	56	3577	1.676	ug/L #	88
35) Methylcyclohexane	6.047	83	10373	4.631	ug/L	89
44) trans-1,3-Dichloropropene	7.561	75	2154	0.826	ug/L #	75
51) Chlorobenzene	8.821	112	36593	9.091	ug/L	97
52) Ethylbenzene	8.956	91	39805	5.547	ug/L	99
53) m,p-Xylene	9.082	106	16799	6.305	ug/L	92
54) o-Xylene	9.493	106	3437	1.297	ug/L	85
57) 1,1,2,2-Tetrachloroethane	10.175	83	4881	2.187	ug/L #	64
60) Isopropylbenzene	9.876	105	19075	2.700	ug/L	96
62) 1,3,5-Trimethylbenzene	10.487	105	3969	0.668	ug/L	97
63) 1,2,4-Trimethylbenzene	10.860	105	69078	11.553	ug/L	98
71) Naphthalene	13.445	128	44382	6.270	ug/L #	93

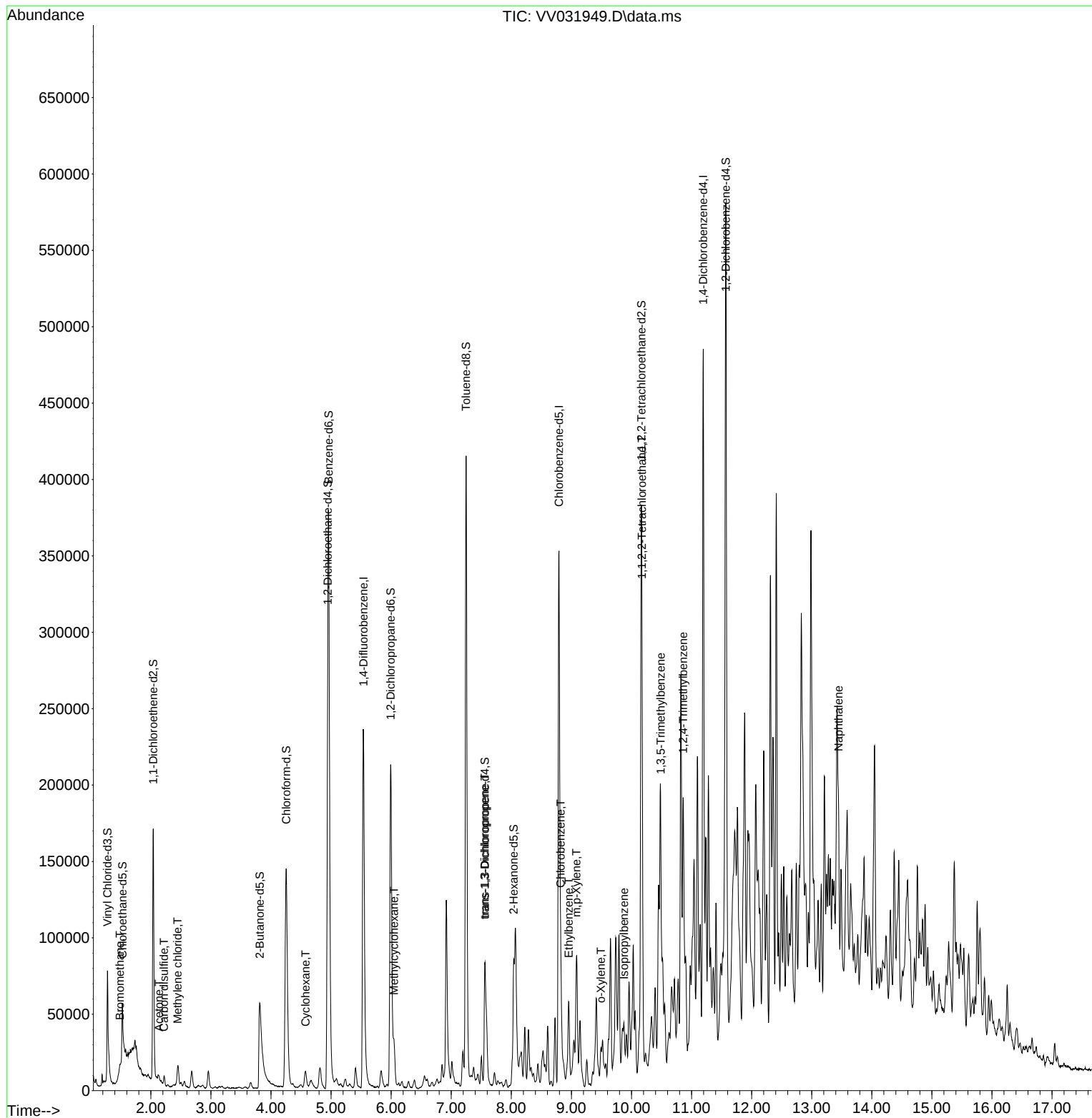
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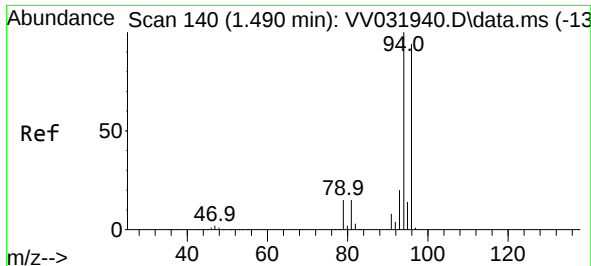
Instrument :
MSVOA_V
ClientSampleId :

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
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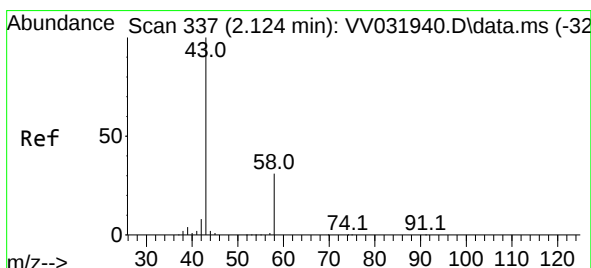
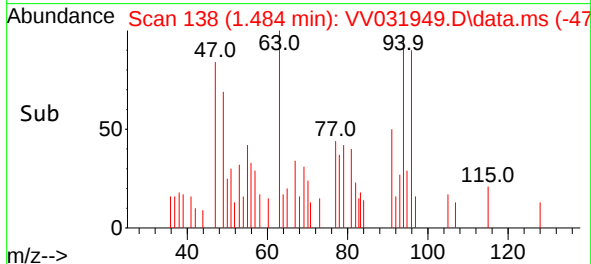
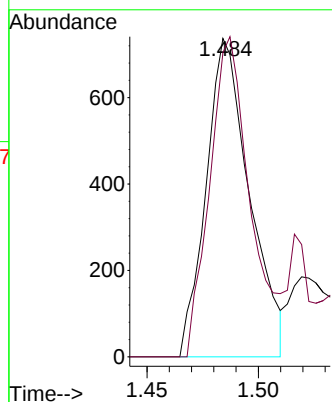
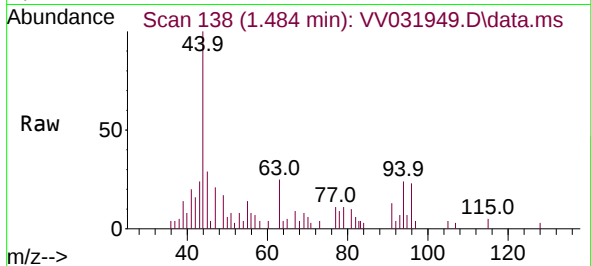




#6
Bromomethane
Concen: 1.214 ug/L
RT: 1.484 min Scan# 11
Delta R.T. -0.006 min
Lab File: VV031949.D
Acq: 28 Aug 2023 17:33

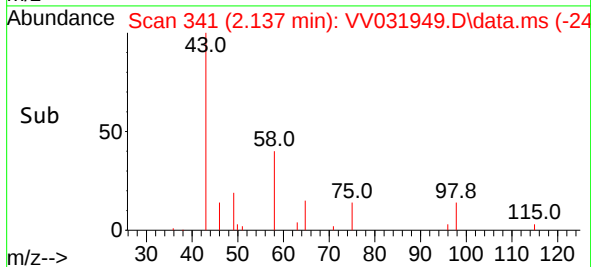
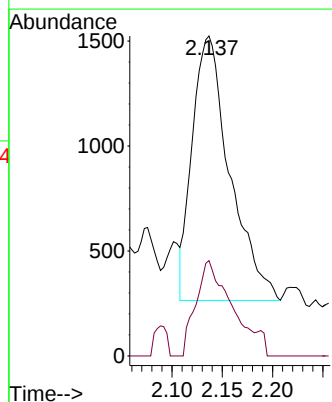
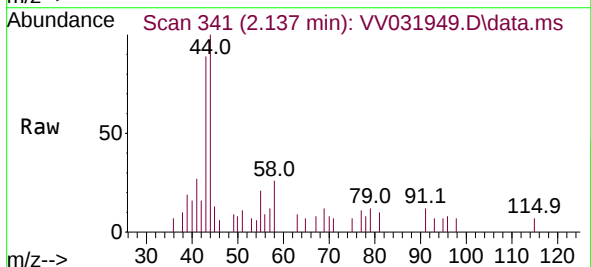
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ClientSampleId :

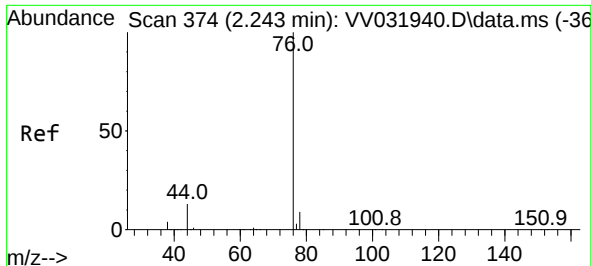
Tgt Ion: 94 Resp: 996
Ion Ratio Lower Upper
94 100
96 95.5 66.4 123.4



#13
Acetone
Concen: 3.552 ug/L
RT: 2.137 min Scan# 341
Delta R.T. 0.010 min
Lab File: VV031949.D
Acq: 28 Aug 2023 17:33

Tgt Ion: 43 Resp: 3272
Ion Ratio Lower Upper
43 100
58 33.3 0.0 61.0

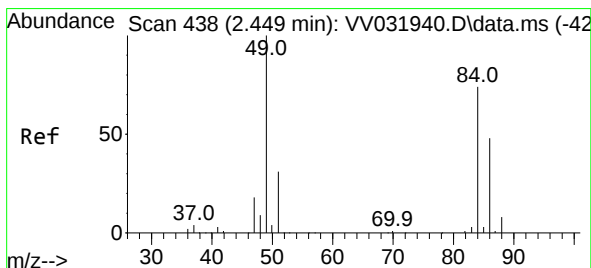
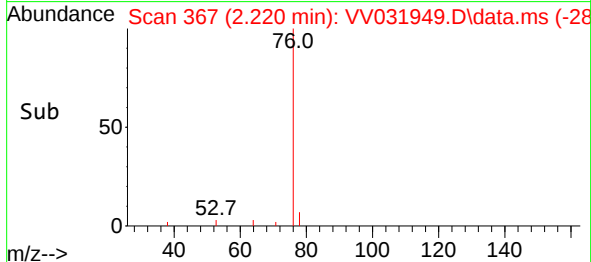
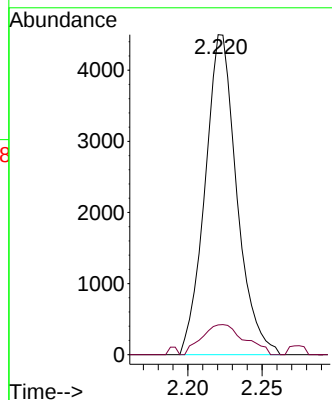
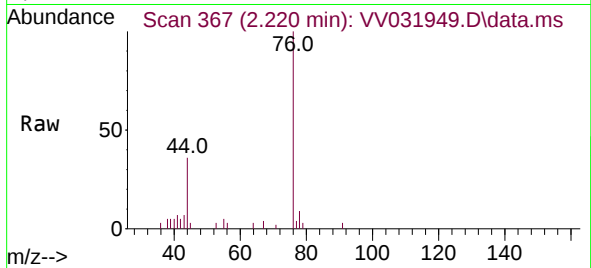




#14
Carbon disulfide
Concen: 2.663 ug/L
RT: 2.220 min Scan# 30
Delta R.T. -0.022 min
Lab File: VV031949.D
Acq: 28 Aug 2023 17:33

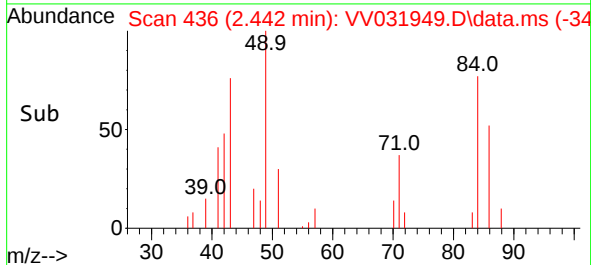
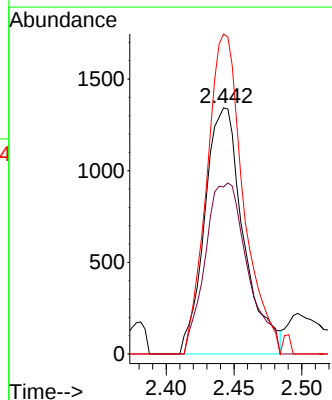
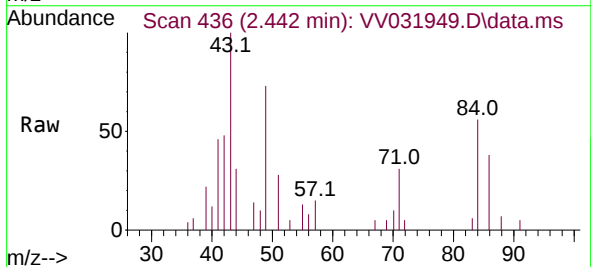
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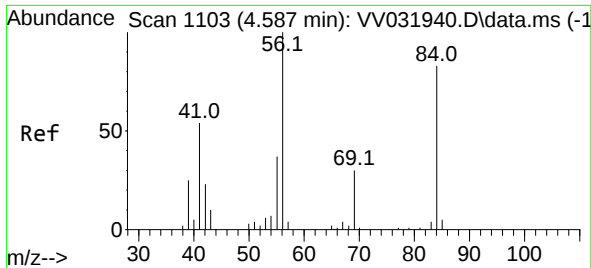
Tgt Ion: 76 Resp: 6686
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0



#16
Methylene chloride
Concen: 1.885 ug/L
RT: 2.442 min Scan# 436
Delta R.T. -0.006 min
Lab File: VV031949.D
Acq: 28 Aug 2023 17:33

Tgt Ion: 84 Resp: 2669
Ion Ratio Lower Upper
84 100
86 67.9 44.6 82.8
49 130.0 91.6 170.2

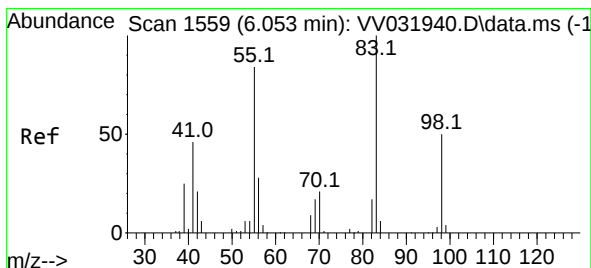
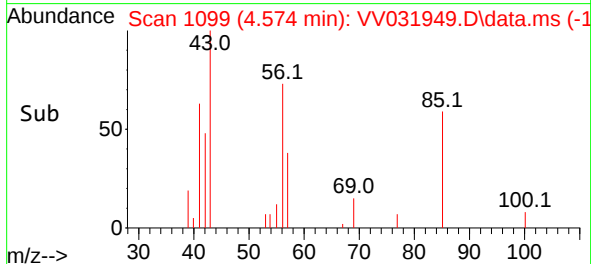
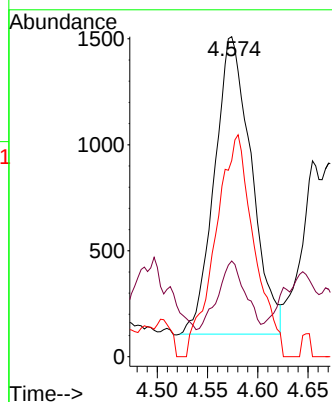
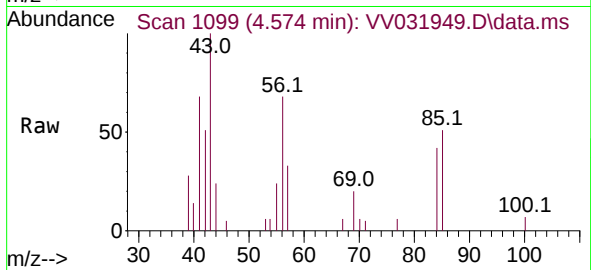




#29
Cyclohexane
Concen: 1.676 ug/L
RT: 4.574 min Scan# 1099
Delta R.T. -0.010 min
Lab File: VV031949.D
Acq: 28 Aug 2023 17:33

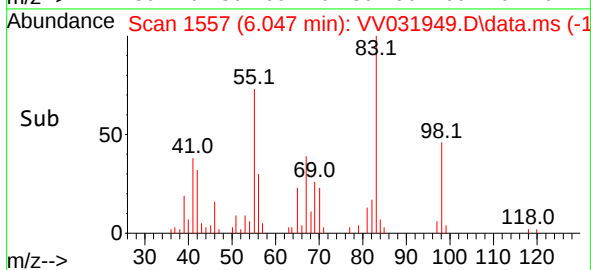
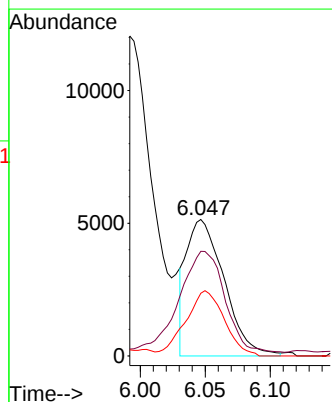
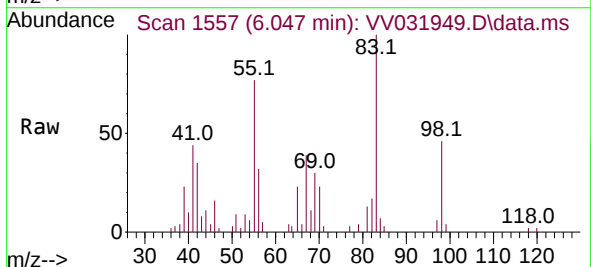
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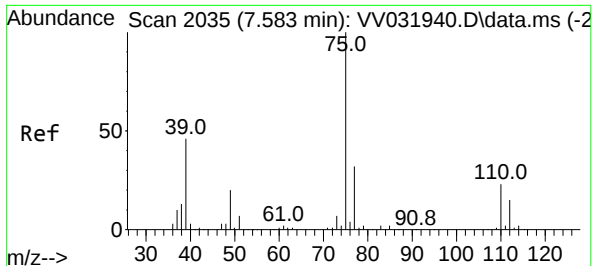
Tgt Ion: 56 Resp: 3577
Ion Ratio Lower Upper
56 100
69 16.7 24.2 36.4#
84 78.2 67.5 101.3



#35
Methylcyclohexane
Concen: 4.631 ug/L
RT: 6.047 min Scan# 1557
Delta R.T. -0.006 min
Lab File: VV031949.D
Acq: 28 Aug 2023 17:33

Tgt Ion: 83 Resp: 10373
Ion Ratio Lower Upper
83 100
55 90.3 62.2 93.2
98 49.3 36.7 55.1

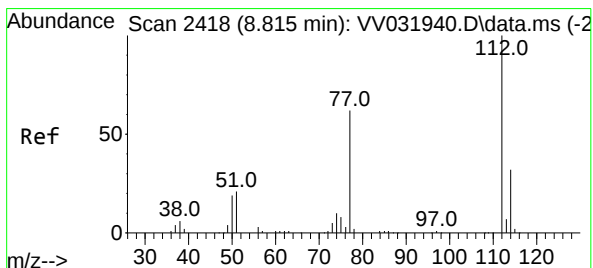
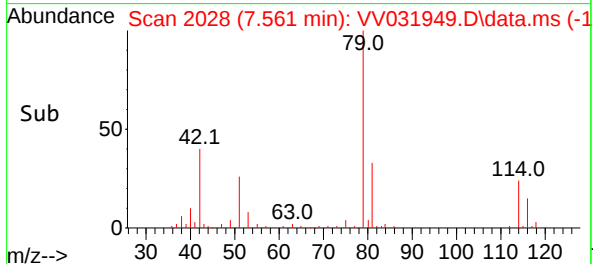
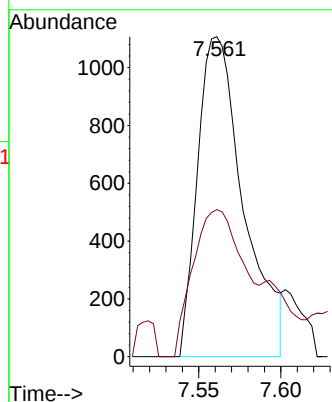
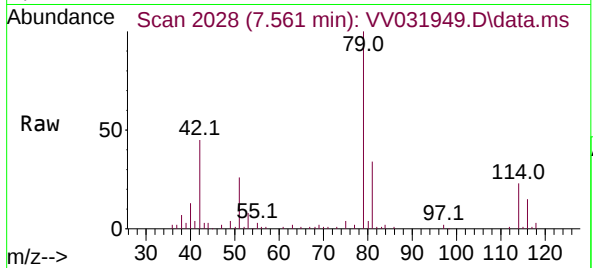




#44
trans-1,3-Dichloropropene
Concen: 0.826 ug/L
RT: 7.561 min Scan# 2035
Delta R.T. -0.022 min
Lab File: VV031949.D
Acq: 28 Aug 2023 17:33

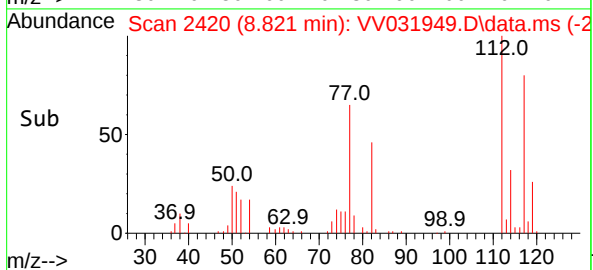
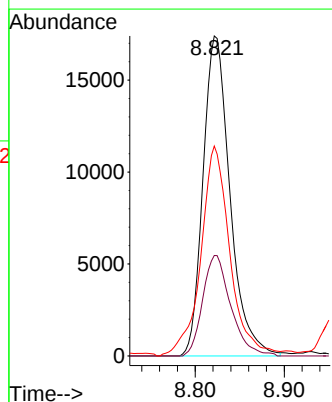
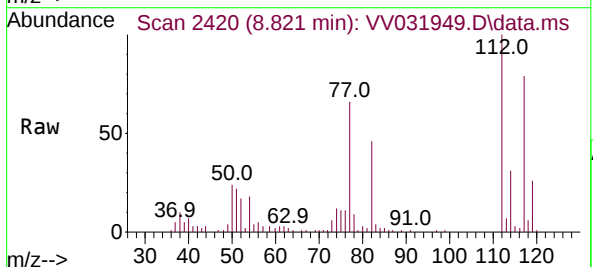
Instrument :
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ClientSampleId :

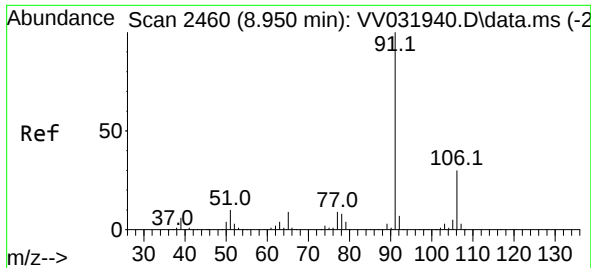
Tgt Ion: 75 Resp: 2154
Ion Ratio Lower Upper
75 100
77 46.0 22.5 41.9#



#51
Chlorobenzene
Concen: 9.091 ug/L
RT: 8.821 min Scan# 2420
Delta R.T. 0.007 min
Lab File: VV031949.D
Acq: 28 Aug 2023 17:33

Tgt Ion: 112 Resp: 36593
Ion Ratio Lower Upper
112 100
114 31.4 22.0 40.8
77 65.6 49.4 74.0

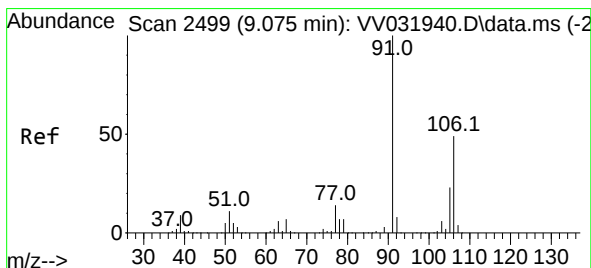
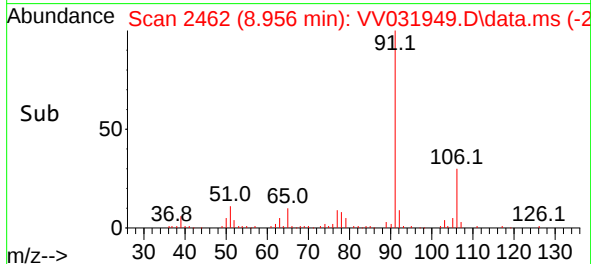
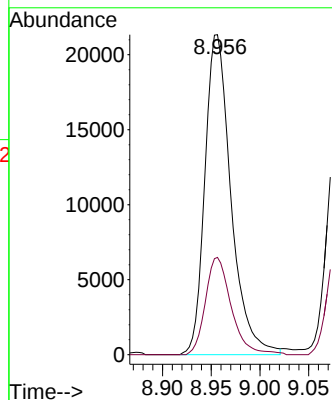
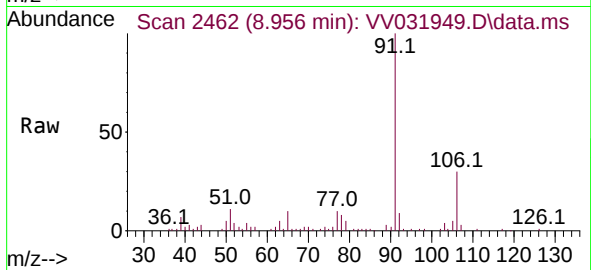




#52
Ethylbenzene
Concen: 5.547 ug/L
RT: 8.956 min Scan# 2460
Delta R.T. 0.010 min
Lab File: VV031949.D
Acq: 28 Aug 2023 17:33

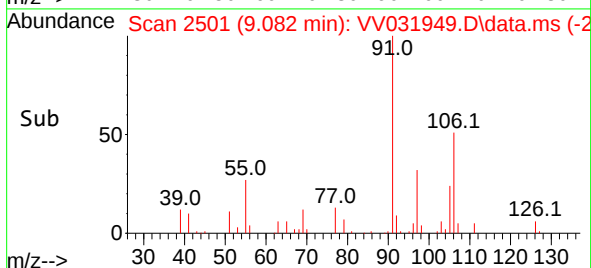
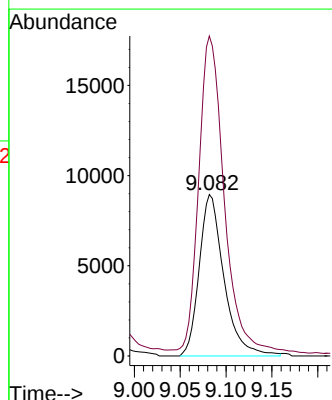
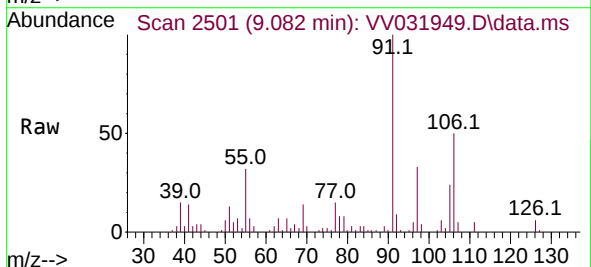
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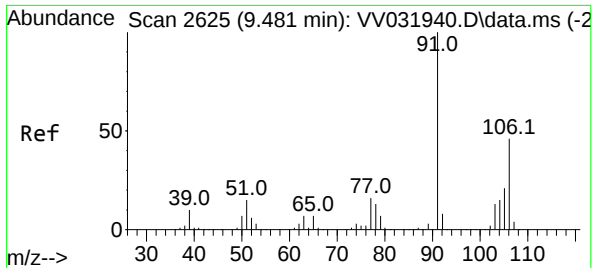
Tgt Ion: 91 Resp: 39805
Ion Ratio Lower Upper
91 100
106 30.4 21.5 39.9



#53
m,p-Xylene
Concen: 6.305 ug/L
RT: 9.082 min Scan# 2501
Delta R.T. 0.007 min
Lab File: VV031949.D
Acq: 28 Aug 2023 17:33

Tgt Ion:106 Resp: 16799
Ion Ratio Lower Upper
106 100
91 198.2 147.0 273.0

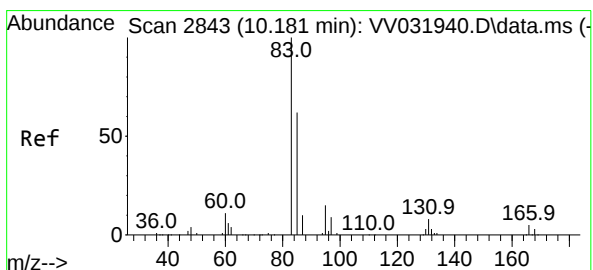
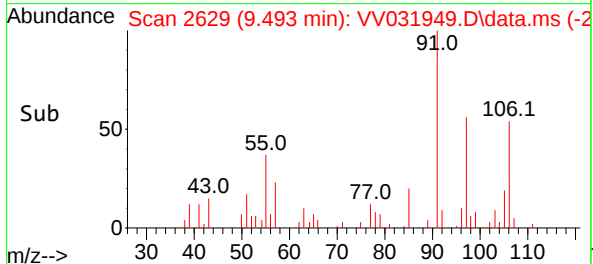
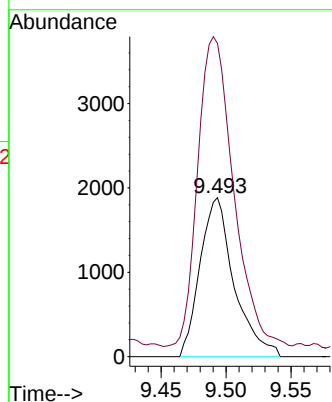
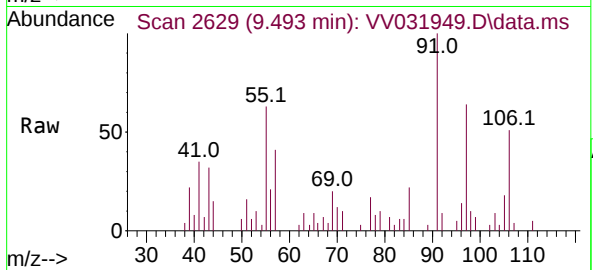




#54
o-Xylene
Concen: 1.297 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. 0.013 min
Lab File: VV031949.D
Acq: 28 Aug 2023 17:33

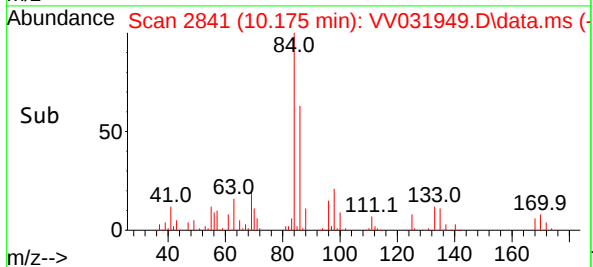
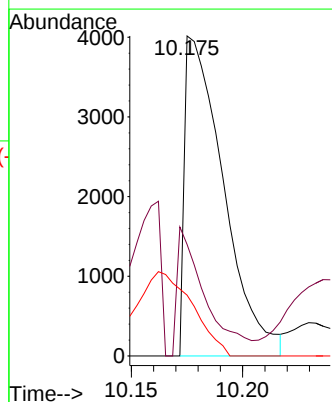
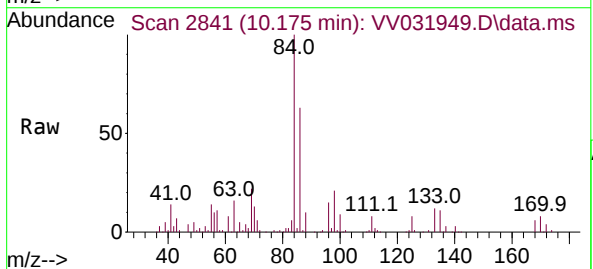
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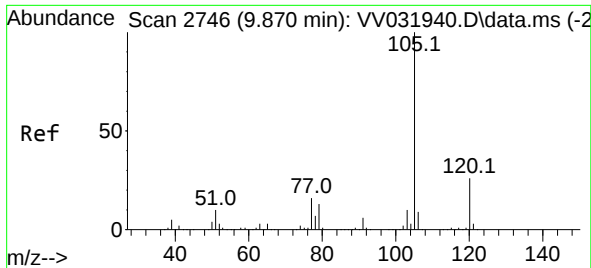
Tgt Ion:106 Resp: 3437
Ion Ratio Lower Upper
106 100
91 197.0 154.3 286.5



#57
1,1,2,2-Tetrachloroethane
Concen: 2.187 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. -0.006 min
Lab File: VV031949.D
Acq: 28 Aug 2023 17:33

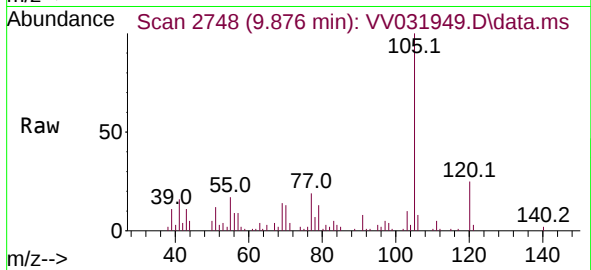
Tgt Ion: 83 Resp: 4881
Ion Ratio Lower Upper
83 100
85 34.9 45.1 83.9#
131 19.0 7.4 11.2#



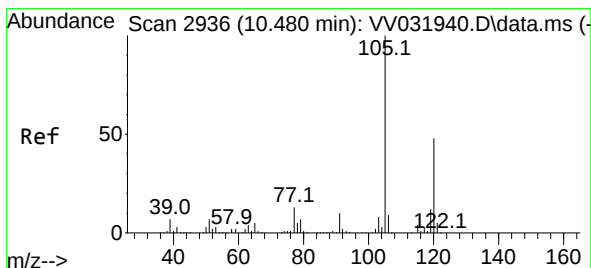
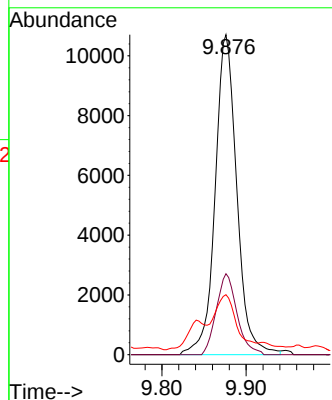
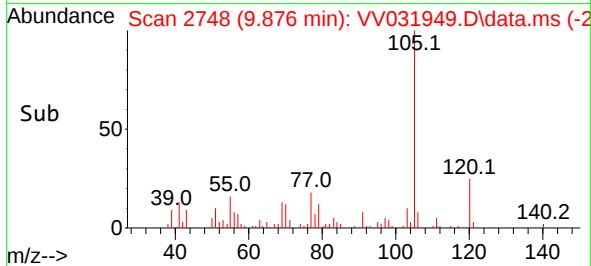


#60
Isopropylbenzene
Concen: 2.700 ug/L
RT: 9.876 min Scan# 21
Delta R.T. 0.007 min
Lab File: VV031949.D
Acq: 28 Aug 2023 17:33

Instrument :
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ClientSampleId :

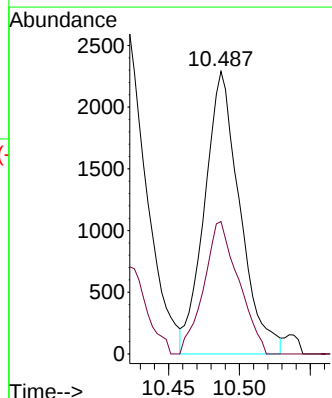
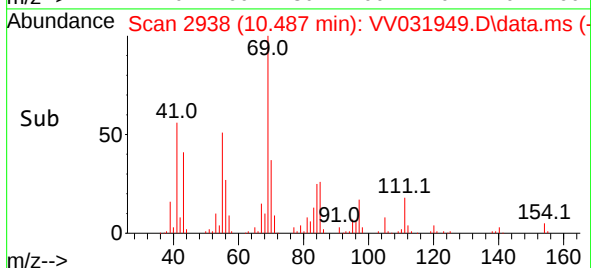
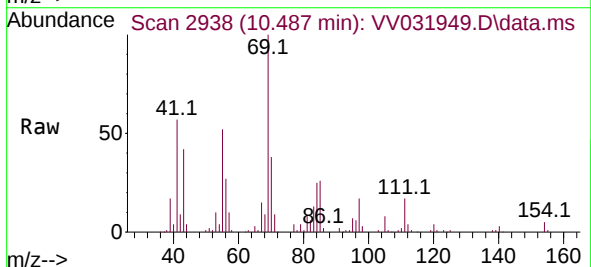


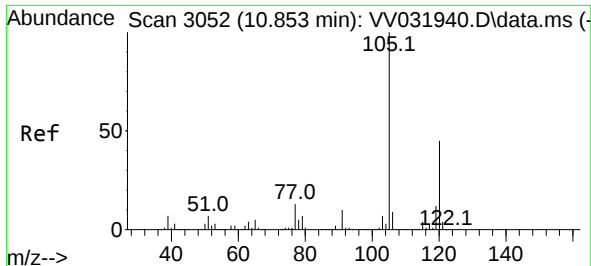
Tgt Ion:105 Resp: 19075
Ion Ratio Lower Upper
105 100
120 24.2 20.6 31.0
77 13.9 12.8 19.2



#62
1,3,5-Trimethylbenzene
Concen: 0.668 ug/L
RT: 10.487 min Scan# 2938
Delta R.T. 0.010 min
Lab File: VV031949.D
Acq: 28 Aug 2023 17:33

Tgt Ion:105 Resp: 3969
Ion Ratio Lower Upper
105 100
120 46.1 38.2 57.4

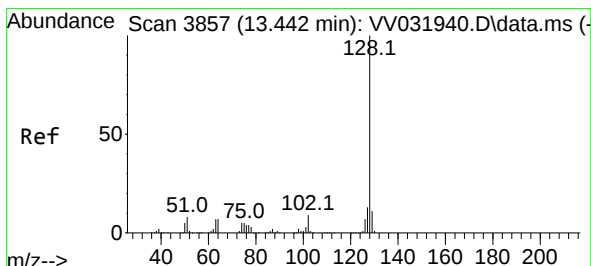
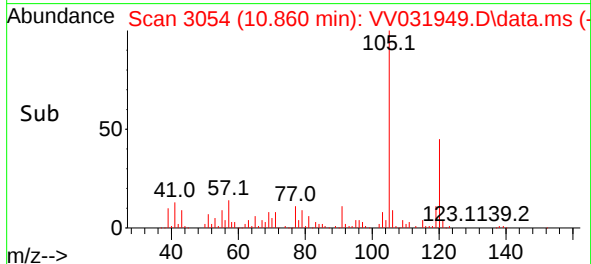
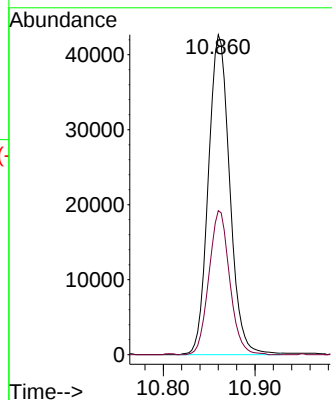
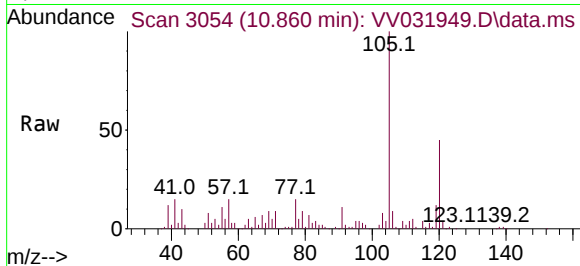




#63
1,2,4-Trimethylbenzene
Concen: 11.553 ug/L
RT: 10.860 min Scan# 3052
Delta R.T. 0.007 min
Lab File: VV031949.D
Acq: 28 Aug 2023 17:33

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 69078
Ion Ratio Lower Upper
105 100
120 43.6 35.9 53.9



#71
Naphthalene
Concen: 6.270 ug/L
RT: 13.445 min Scan# 3858
Delta R.T. 0.003 min
Lab File: VV031949.D
Acq: 28 Aug 2023 17:33

Tgt Ion:128 Resp: 44382
Ion Ratio Lower Upper
128 100
127 11.2 10.4 15.6
129 14.3 8.7 13.1#

