

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110421\
 Data File : VW023205.D
 Acq On : 04 Nov 2021 16:23
 Operator : SY/MD
 Sample : M4445-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 08 01:58:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 08 01:45:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	137025	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	137176	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	67742	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	44286	5.159	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 103.200%		
7) Chloroethane-d5	1.568	69	37442	5.352	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 107.000%		
11) 1,1-Dichloroethene-d2	2.111	63	61506	3.827	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 76.600%		
20) 2-Butanone-d5	3.892	46	93962	72.449	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 144.900%#		
24) Chloroform-d	4.352	84	90817	4.964	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 99.200%		
26) 1,2-Dichloroethane-d4	5.037	65	43692	5.311	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 106.200%		
32) Benzene-d6	5.053	84	180357	5.124	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 102.400%		
36) 1,2-Dichloropropane-d6	6.072	67	53194	5.134	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 102.600%		
41) Toluene-d8	7.316	98	158189	4.796	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 96.000%		
43) trans-1,3-Dichloroprop...	7.625	79	19753	5.028	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 100.600%		
46) 2-Hexanone-d5	8.088	63	74005	51.198	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 102.400%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	34538	4.635	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 92.800%		
66) 1,2-Dichlorobenzene-d4	11.625	152	62025	5.499	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 110.000%		
Target Compounds						
						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	885	0.103	ug/L #	17
12) 1,1-Dichloroethene	2.111	96	634	0.078	ug/L #	1
13) Acetone	2.182	43	12127	12.649	ug/L	77
15) Methyl Acetate	2.182	43	11782	3.213	ug/L #	56
33) Benzene	5.104	78	20094	0.524	ug/L	100
37) 1,2-Dichloropropane	6.072	63	6114	0.683	ug/L #	83
42) Toluene	7.394	91	40868	0.997	ug/L	99
48) 2-Hexanone	8.152	43	3046	1.023	ug/L #	90
52) Ethylbenzene	9.021	91	6295	0.146	ug/L	99
53) m,p-xylene	9.140	106	7630	0.449	ug/L	96
54) o-xylene	9.548	106	7324	0.460	ug/L	94
60) Isopropylbenzene	10.741	105	3012	0.077	ug/L	94
61) 1,2,3-Trichloropropane	11.249	75	7316	1.626	ug/L #	64
62) 1,3,5-Trimethylbenzene	10.918	105	10761	0.334	ug/L	97
63) 1,2,4-Trimethylbenzene	10.918	105	10761	0.335	ug/L	97
71) Naphthalene	13.512	128	2674	0.146	ug/L	97

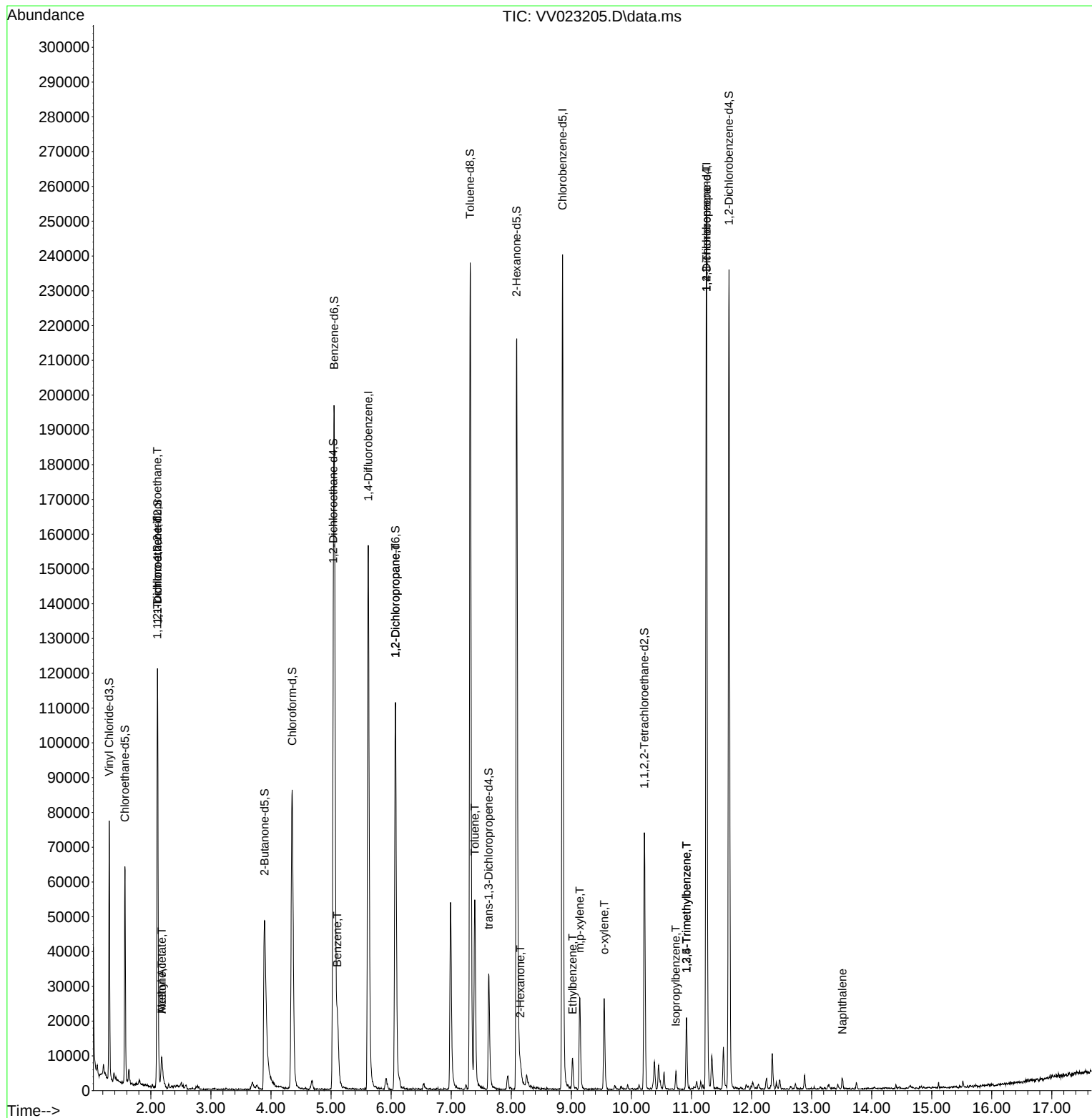
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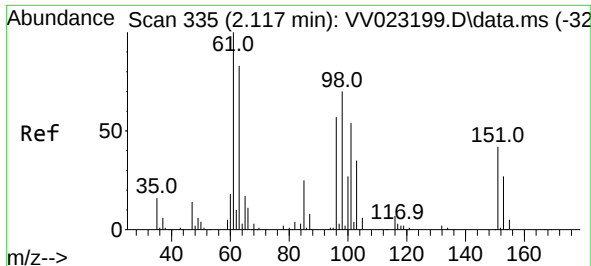
Instrument :
MSVOA_V
ClientSampleId :

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Nov 08 01:45:40 2021
Response via : Initial Calibration

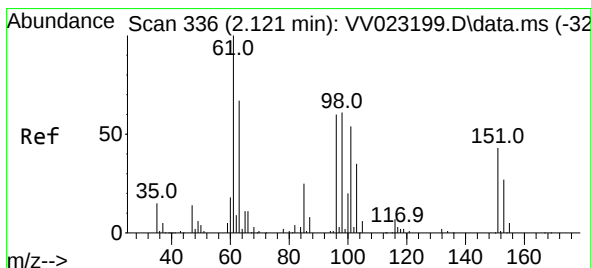
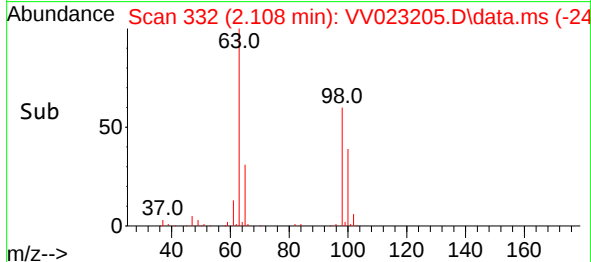
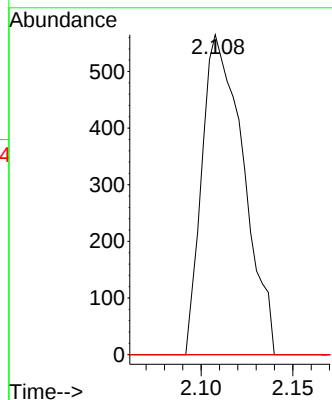
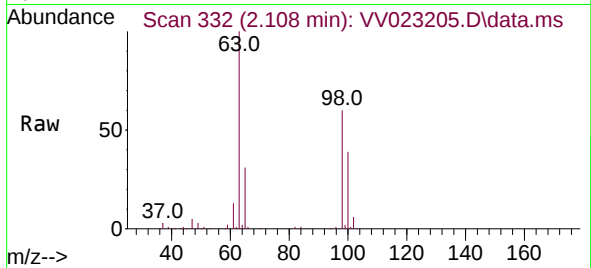




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.103 ug/L
RT: 2.108 min Scan# 311
Delta R.T. -0.010 min
Lab File: VV023205.D
Acq: 04 Nov 2021 16:23

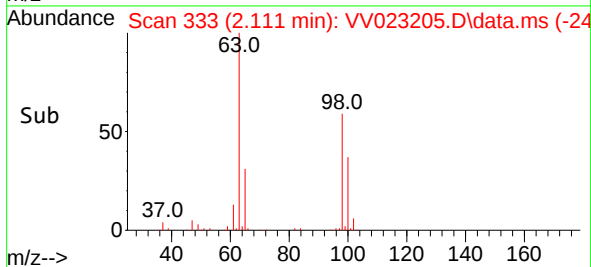
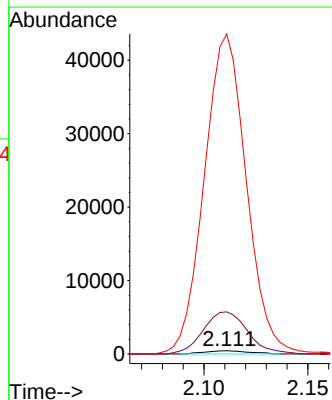
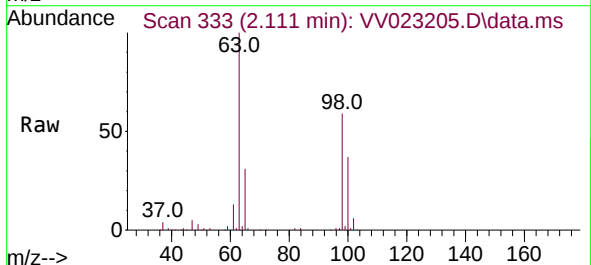
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MSVOA_V
ClientSampleId :

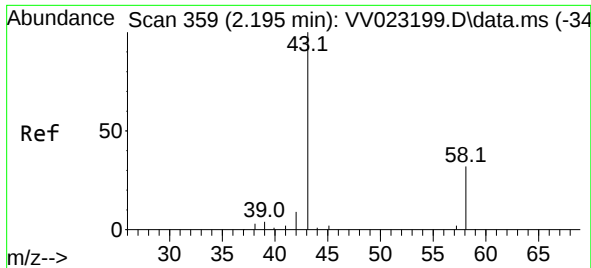
Tgt Ion:101 Resp: 885
Ion Ratio Lower Upper
101 100
85 0.0 35.4 53.0#
151 0.0 64.3 96.5#



#12
1,1-Dichloroethene
Concen: 0.078 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.010 min
Lab File: VV023205.D
Acq: 04 Nov 2021 16:23

Tgt Ion: 96 Resp: 634
Ion Ratio Lower Upper
96 100
61 1325.7 117.7 218.7#
63 10087.0 80.5 149.5#

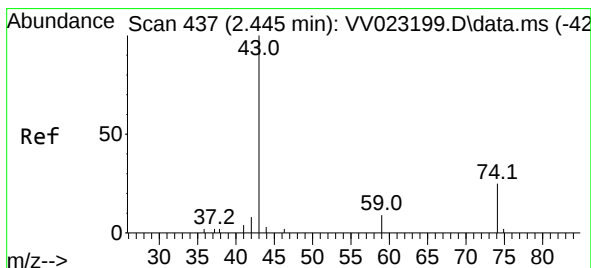
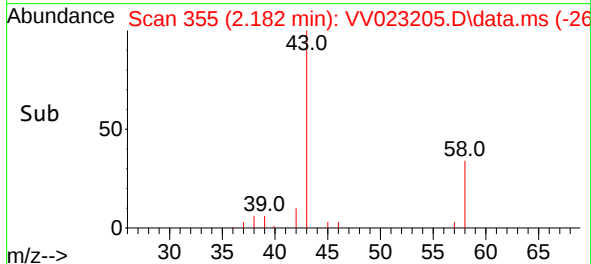
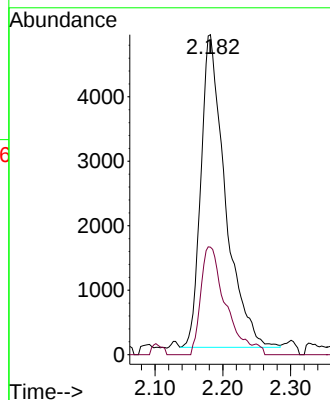
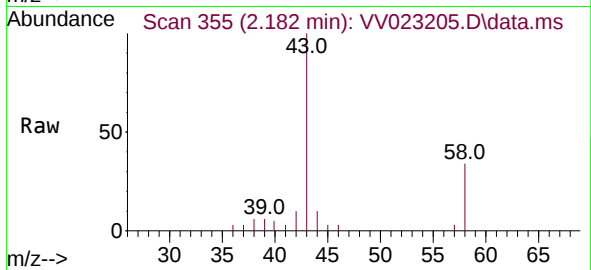




#13
Acetone
Concen: 12.649 ug/L
RT: 2.182 min Scan# 355
Delta R.T. -0.013 min
Lab File: VV023205.D
Acq: 04 Nov 2021 16:23

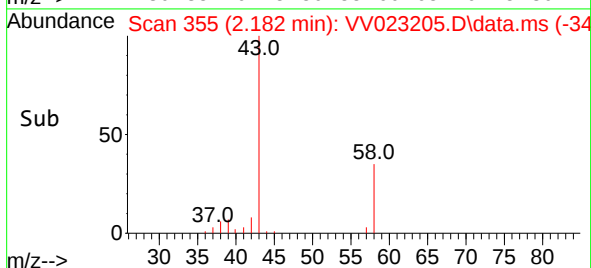
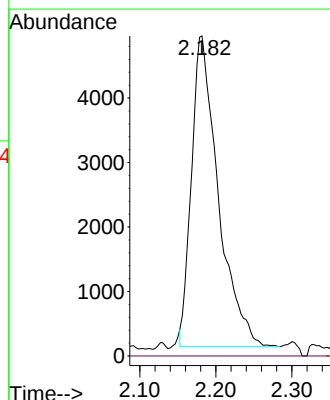
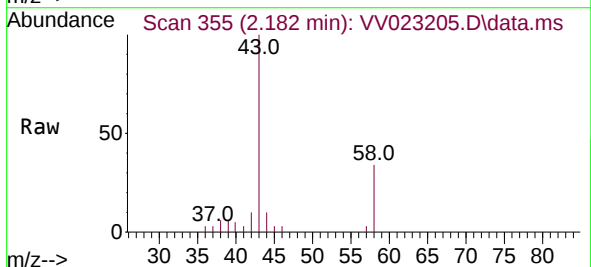
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ClientSampleId :

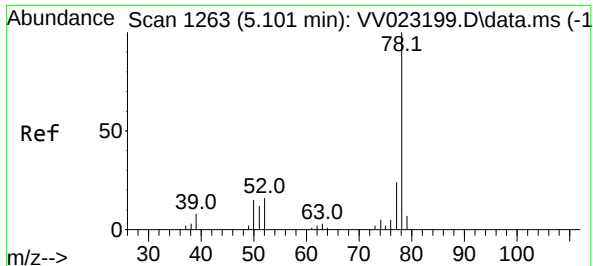
Tgt Ion: 43 Resp: 12127
Ion Ratio Lower Upper
43 100
58 34.2 0.0 45.8



#15
Methyl Acetate
Concen: 3.213 ug/L
RT: 2.182 min Scan# 355
Delta R.T. -0.264 min
Lab File: VV023205.D
Acq: 04 Nov 2021 16:23

Tgt Ion: 43 Resp: 11782
Ion Ratio Lower Upper
43 100
74 0.0 16.0 24.0#

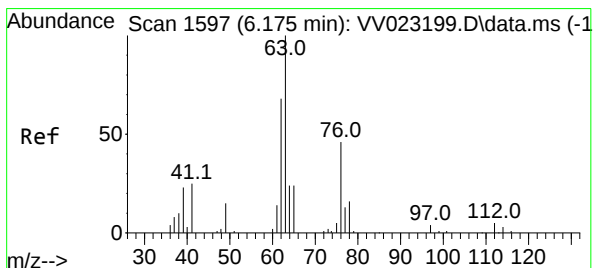
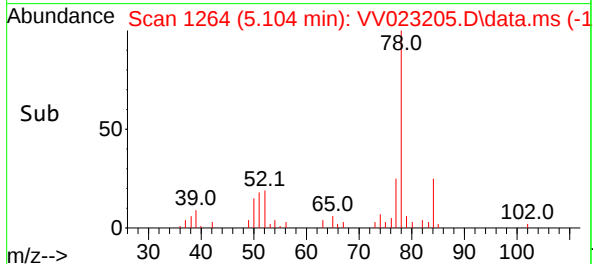
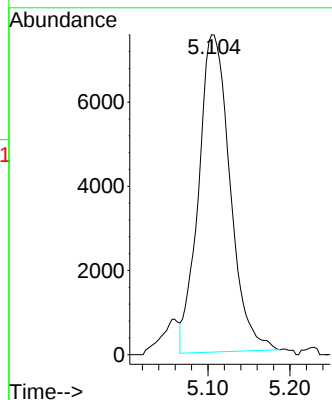
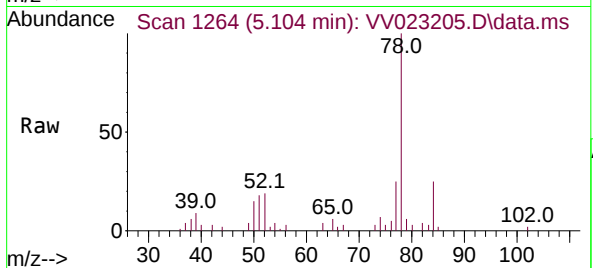




#33
Benzene
Concen: 0.524 ug/L
RT: 5.104 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV023205.D
Acq: 04 Nov 2021 16:23

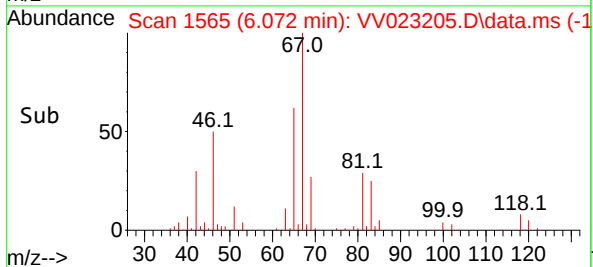
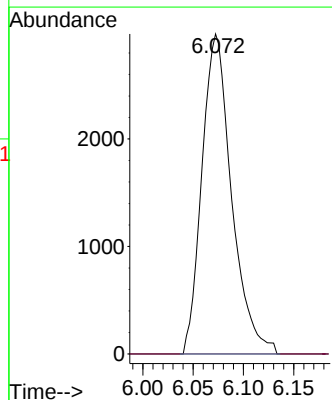
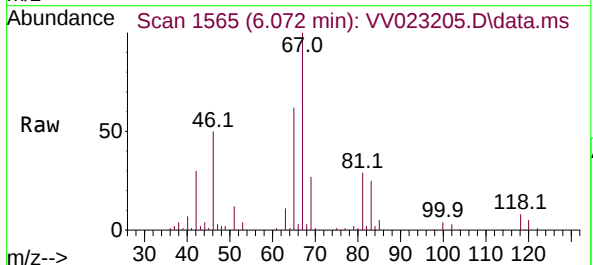
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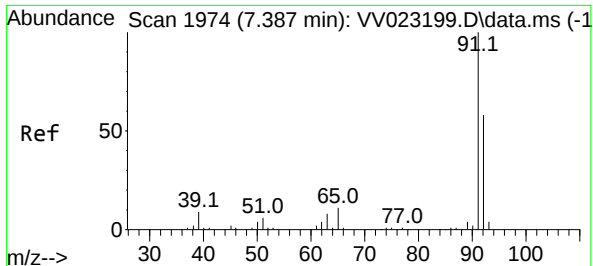
Tgt Ion: 78 Resp: 20094



#37
1,2-Dichloropropane
Concen: 0.683 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.103 min
Lab File: VV023205.D
Acq: 04 Nov 2021 16:23

Tgt Ion: 63 Resp: 6114
Ion Ratio Lower Upper
63 100
112 0.0 4.5 6.7#





#42

Toluene

Concen: 0.997 ug/L

RT: 7.394 min Scan# 1974

Delta R.T. 0.006 min

Lab File: VV023205.D

Acq: 04 Nov 2021 16:23

Instrument :

MSVOA_V

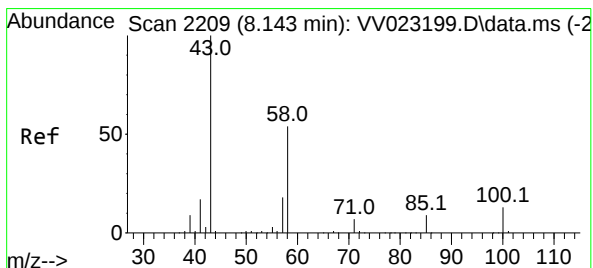
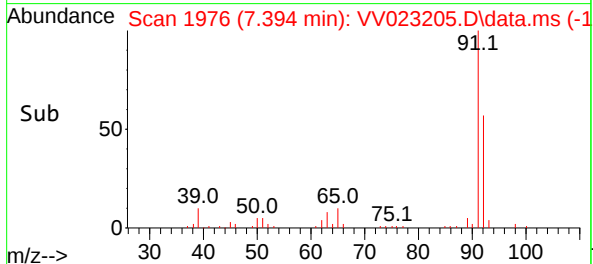
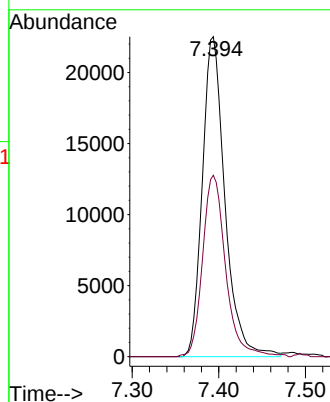
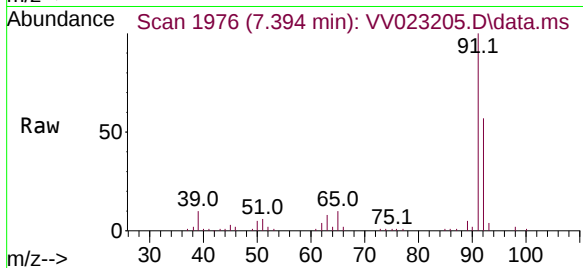
ClientSampleId :

Tgt Ion: 91 Resp: 40868

Ion Ratio Lower Upper

91 100

92 56.7 40.4 75.0



#48

2-Hexanone

Concen: 1.023 ug/L

RT: 8.152 min Scan# 2212

Delta R.T. 0.010 min

Lab File: VV023205.D

Acq: 04 Nov 2021 16:23

Tgt Ion: 43 Resp: 3046

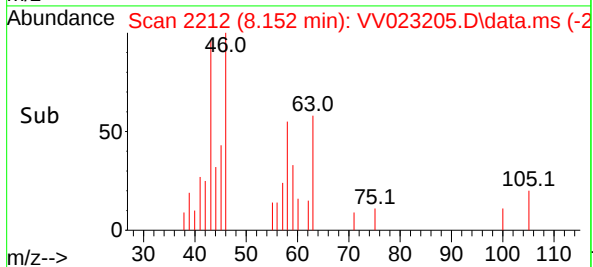
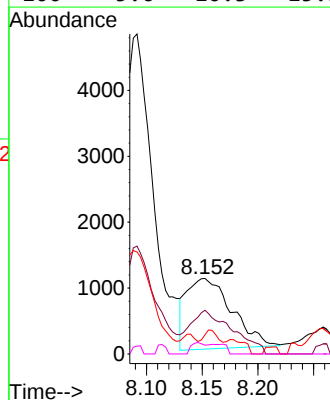
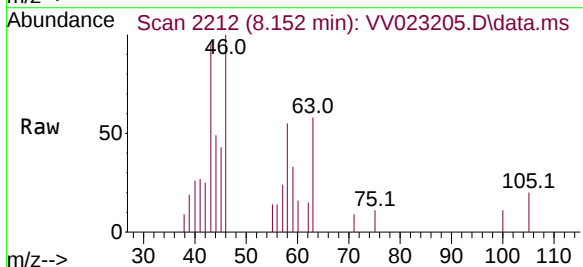
Ion Ratio Lower Upper

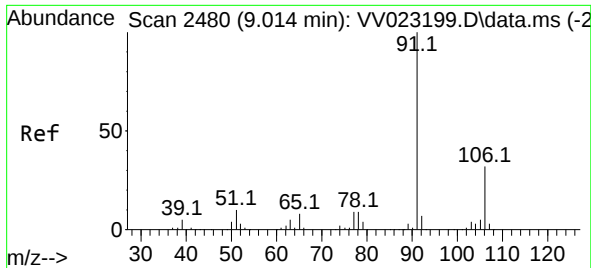
43 100

58 57.7 43.0 64.6

57 10.1 14.9 22.3#

100 5.6 10.3 15.5#

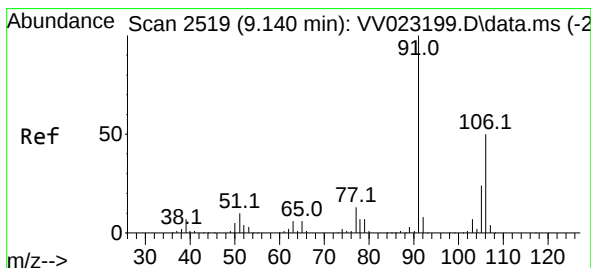
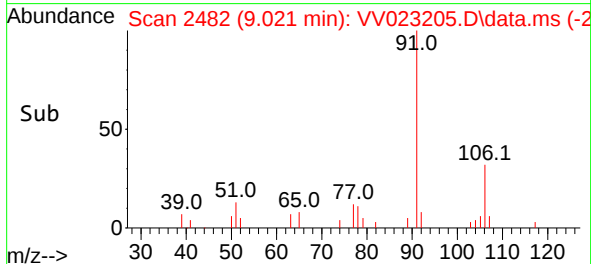
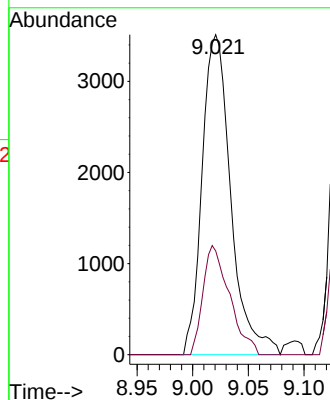
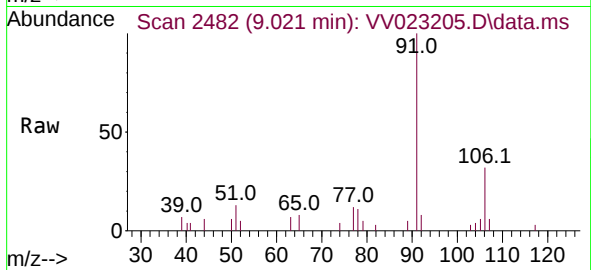




#52
Ethylbenzene
Concen: 0.146 ug/L
RT: 9.021 min Scan# 2480
Delta R.T. 0.006 min
Lab File: VV023205.D
Acq: 04 Nov 2021 16:23

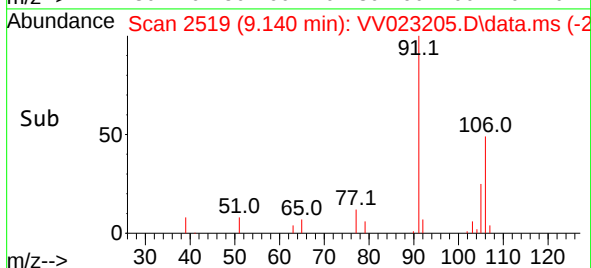
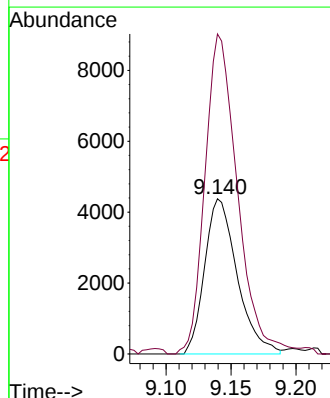
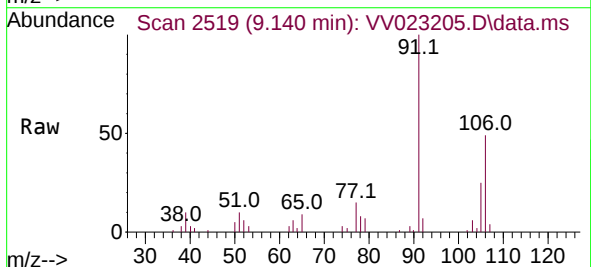
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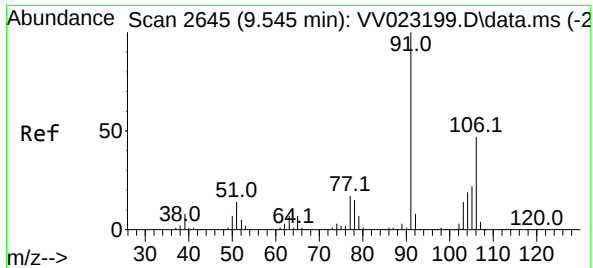
Tgt Ion: 91 Resp: 6295
Ion Ratio Lower Upper
91 100
106 32.4 22.3 41.5



#53
m,p-xylene
Concen: 0.449 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. -0.000 min
Lab File: VV023205.D
Acq: 04 Nov 2021 16:23

Tgt Ion: 106 Resp: 7630
Ion Ratio Lower Upper
106 100
91 206.1 140.1 260.1

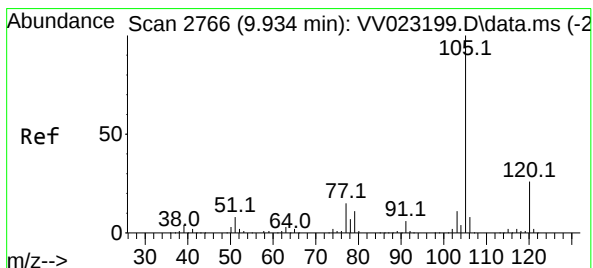
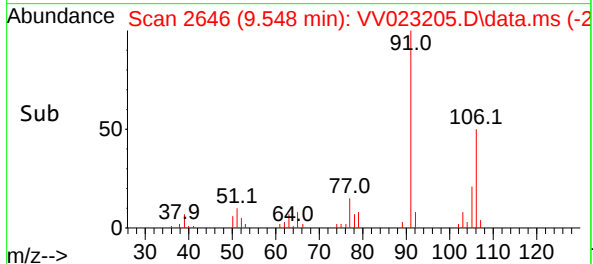
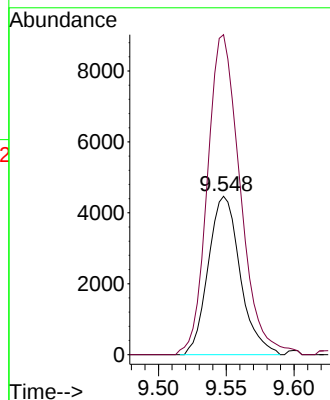
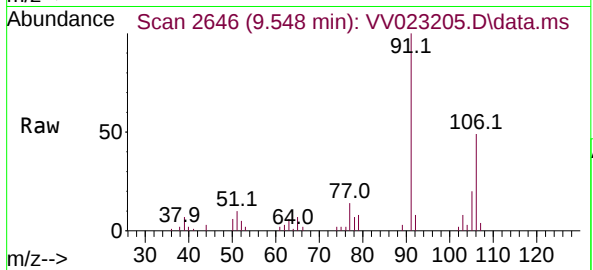




#54
o-xylene
Concen: 0.460 ug/L
RT: 9.548 min Scan# 20
Delta R.T. 0.003 min
Lab File: VV023205.D
Acq: 04 Nov 2021 16:23

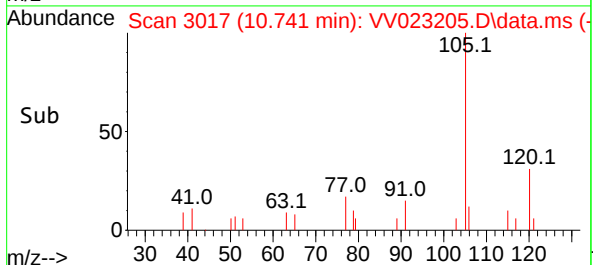
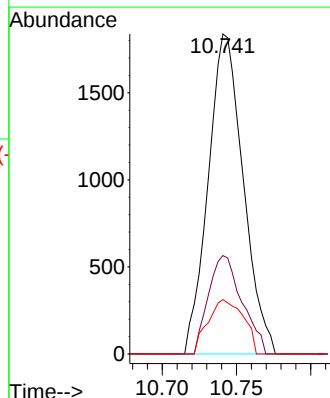
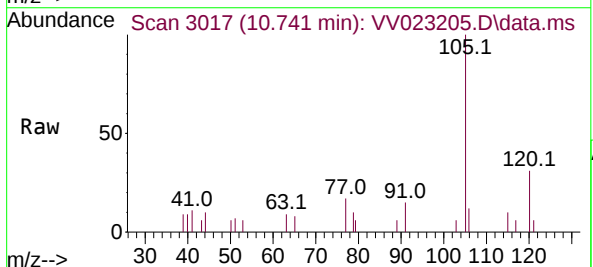
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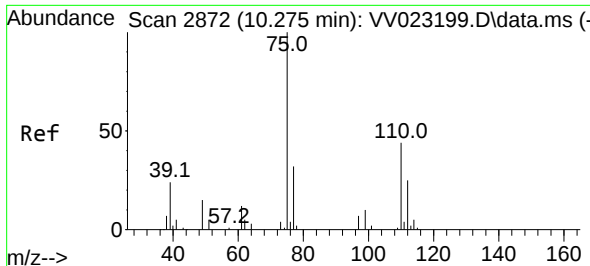
Tgt Ion:106 Resp: 7324
Ion Ratio Lower Upper
106 100
91 202.1 148.1 275.1



#60
Isopropylbenzene
Concen: 0.077 ug/L
RT: 10.741 min Scan# 3017
Delta R.T. 0.807 min
Lab File: VV023205.D
Acq: 04 Nov 2021 16:23

Tgt Ion:105 Resp: 3012
Ion Ratio Lower Upper
105 100
120 29.5 20.9 31.3
77 17.2 12.0 18.0

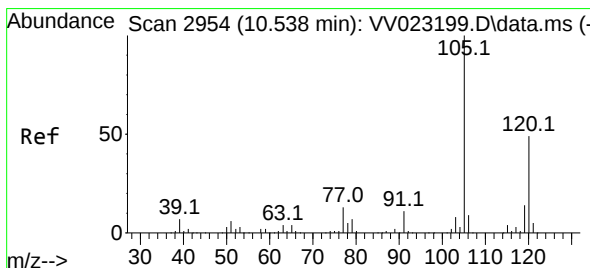
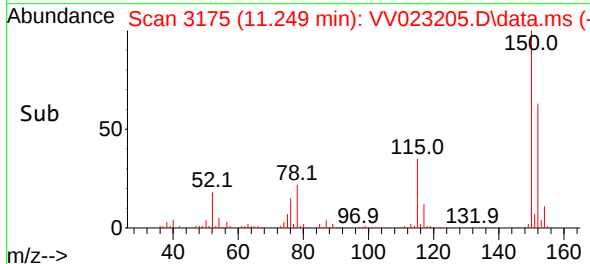
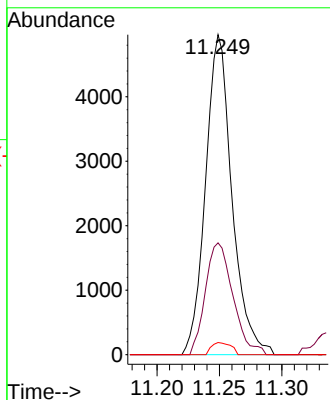
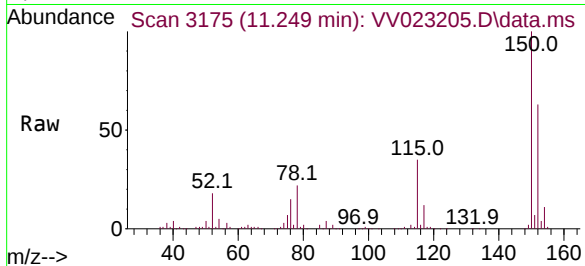




#61
 1,2,3-Trichloropropane
 Concen: 1.626 ug/L
 RT: 11.249 min Scan# 3175
 Delta R.T. 0.974 min
 Lab File: VV023205.D
 Acq: 04 Nov 2021 16:23

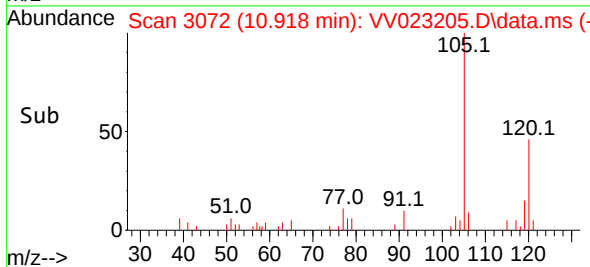
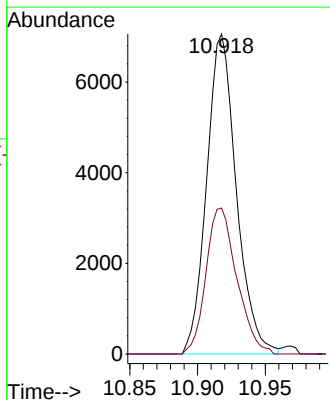
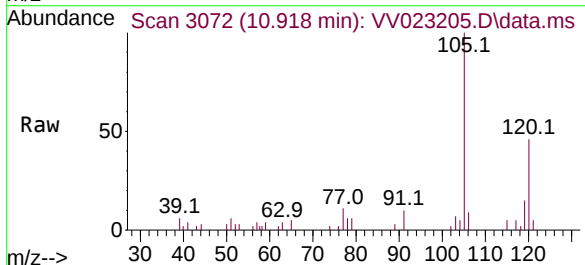
Instrument :
 MSVOA_V
 ClientSampleId :

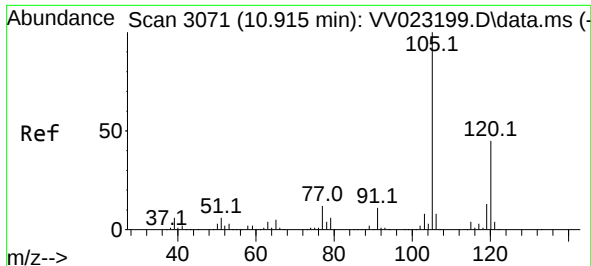
Tgt Ion: 75 Resp: 7316
 Ion Ratio Lower Upper
 75 100
 77 36.4 26.6 39.8
 110 2.8 33.0 49.4#



#62
 1,3,5-Trimethylbenzene
 Concen: 0.334 ug/L
 RT: 10.918 min Scan# 3072
 Delta R.T. 0.379 min
 Lab File: VV023205.D
 Acq: 04 Nov 2021 16:23

Tgt Ion: 105 Resp: 10761
 Ion Ratio Lower Upper
 105 100
 120 47.3 39.7 59.5

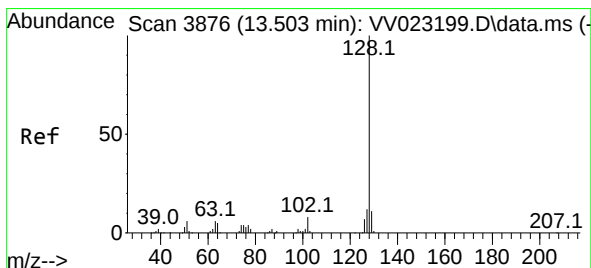
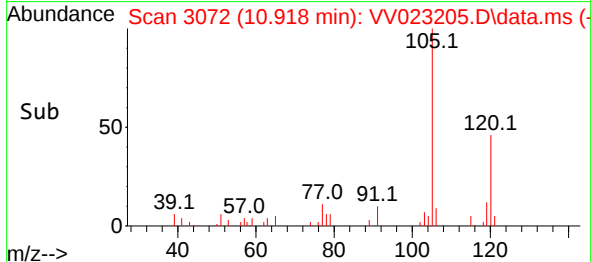
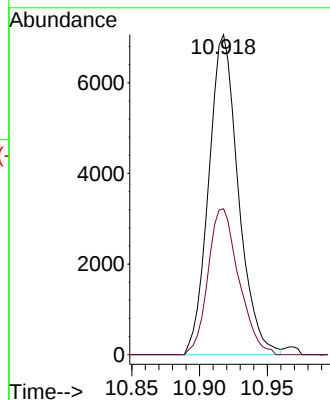
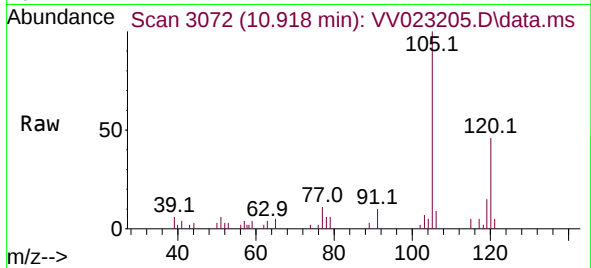




#63
1,2,4-Trimethylbenzene
Concen: 0.335 ug/L
RT: 10.918 min Scan# 3071
Delta R.T. 0.003 min
Lab File: VV023205.D
Acq: 04 Nov 2021 16:23

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 10761
Ion Ratio Lower Upper
105 100
120 47.3 36.5 54.7



#71
Naphthalene
Concen: 0.146 ug/L
RT: 13.512 min Scan# 3879
Delta R.T. 0.010 min
Lab File: VV023205.D
Acq: 04 Nov 2021 16:23

Tgt Ion:128 Resp: 2674
Ion Ratio Lower Upper
128 100
129 11.4 8.6 12.8
127 11.1 10.2 15.2

