

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110821\
 Data File : VW023282.D
 Acq On : 08 Nov 2021 16:33
 Operator : SY/MD
 Sample : M4445-23
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 09 05:16:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 09 05:13:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	120835	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	123652	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	60929	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	33671	4.448	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.000%
7) Chloroethane-d5	1.568	69	30666	4.971	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.400%
11) 1,1-Dichloroethene-d2	2.108	63	50057	3.532	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.600%
20) 2-Butanone-d5	3.886	46	90149	69.125	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	138.240%#
24) Chloroform-d	4.352	84	80428	4.985	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
26) 1,2-Dichloroethane-d4	5.034	65	38655	5.328	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.600%
32) Benzene-d6	5.053	84	151186	4.765	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
36) 1,2-Dichloropropane-d6	6.072	67	48462	5.189	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.800%
41) Toluene-d8	7.320	98	129232	4.347	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.000%
43) trans-1,3-Dichloroprop...	7.625	79	16877	4.766	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.400%
46) 2-Hexanone-d5	8.088	63	63860	49.011	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.020%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	32231	4.799	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	53952	5.318	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.400%
Target Compounds						Qvalue
13) Acetone	2.179	43	14486	18.179	ug/L	93
15) Methyl Acetate	2.365	43	583	0.258	ug/L #	47
33) Benzene	5.104	78	13896	0.402	ug/L	100
35) Methylcyclohexane	6.124	83	734	0.051	ug/L #	70
37) 1,2-Dichloropropane	6.069	63	5383	0.667	ug/L #	83
39) cis-1,3-Dichloropropene	6.989	75	1401	0.121	ug/L #	82
42) Toluene	7.394	91	28439	0.769	ug/L	95
48) 2-Hexanone	8.149	43	4649	1.773	ug/L #	51
52) Ethylbenzene	9.017	91	4298	0.110	ug/L	98
53) m,p-xylene	9.140	106	5687	0.372	ug/L	98
54) o-xylene	9.548	106	5529	0.385	ug/L	94
60) Isopropylbenzene	10.455	105	4652	0.133	ug/L	93
61) 1,2,3-Trichloropropane	11.249	75	6661	1.646	ug/L #	65
62) 1,3,5-Trimethylbenzene	10.541	105	2078	0.072	ug/L	91
63) 1,2,4-Trimethylbenzene	10.918	105	8291	0.287	ug/L	97
71) Naphthalene	13.509	128	2108	0.128	ug/L #	95

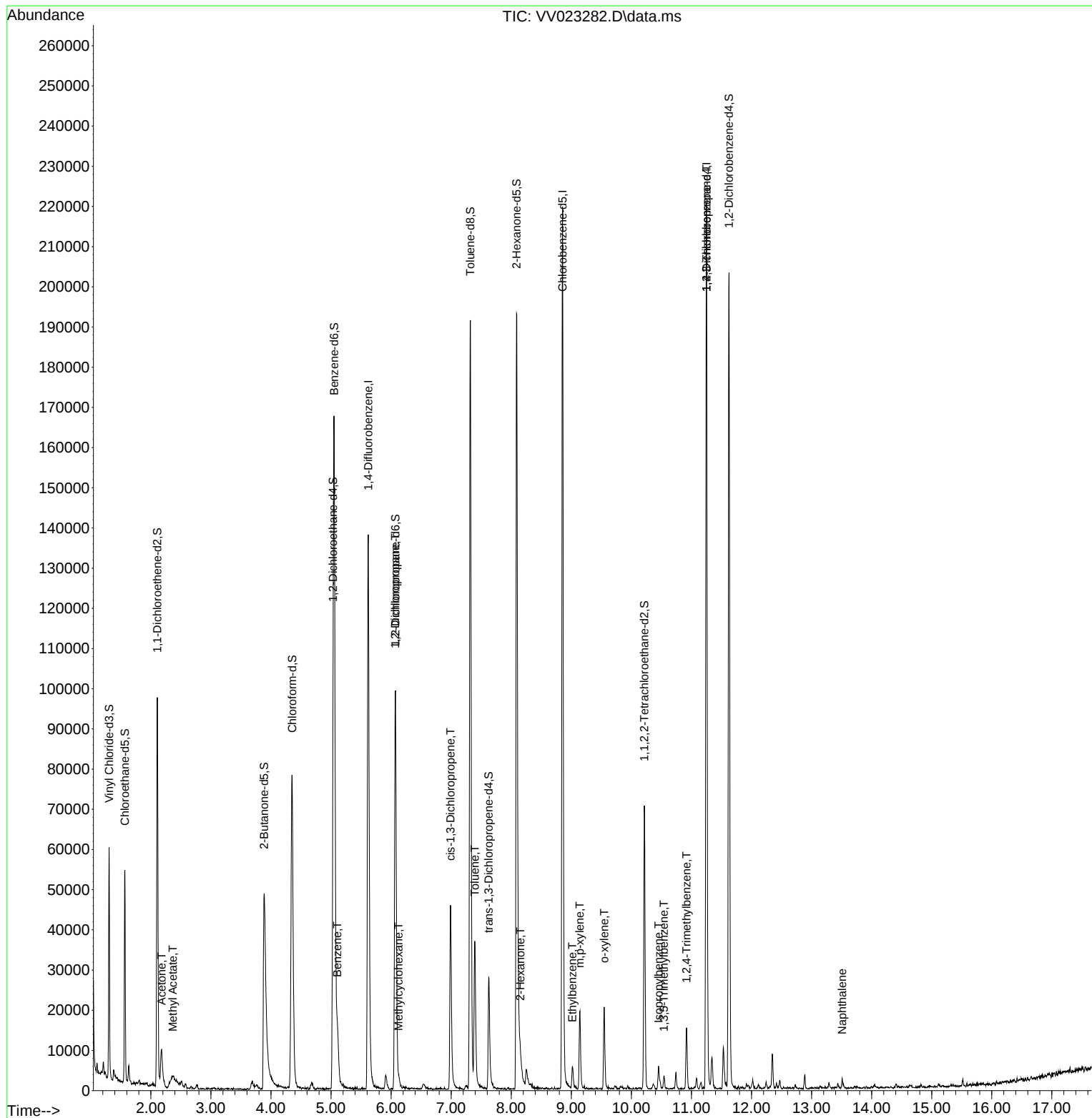
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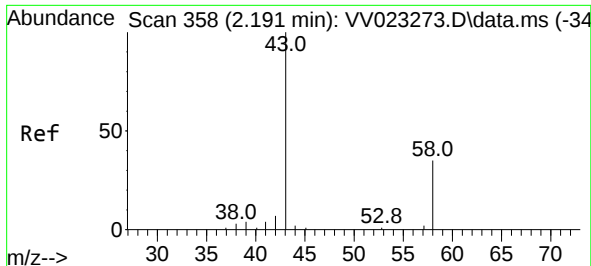
Instrument :
MSVOA_V
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110821\
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Quant Time: Nov 09 05:16:42 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 09 05:13:22 2021
Response via : Initial Calibration





#13

Acetone

Concen: 18.179 ug/L

RT: 2.179 min Scan# 3

Delta R.T. -0.013 min

Lab File: VV023282.D

Acq: 08 Nov 2021 16:33

Instrument :

MSVOA_V

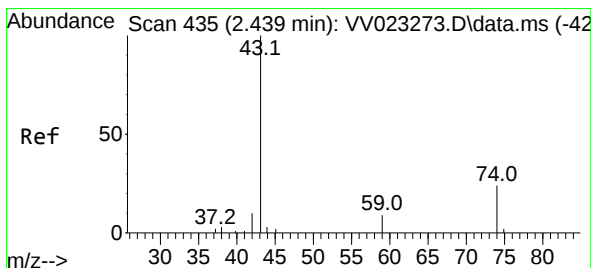
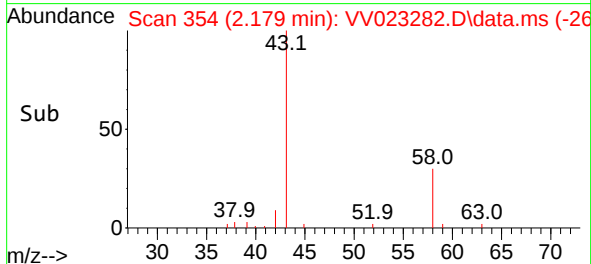
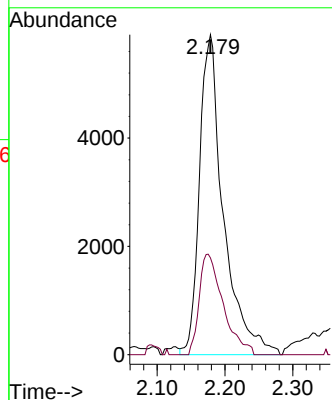
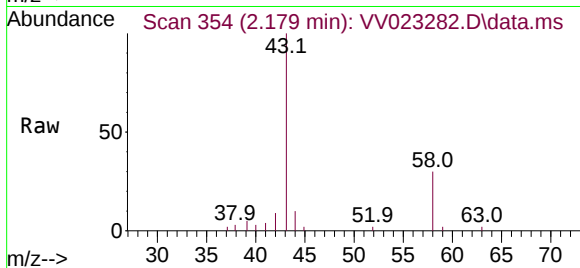
ClientSampleId :

Tgt Ion: 43 Resp: 14486

Ion Ratio Lower Upper

43 100

58 31.3 0.0 55.4



#15

Methyl Acetate

Concen: 0.258 ug/L

RT: 2.365 min Scan# 412

Delta R.T. -0.074 min

Lab File: VV023282.D

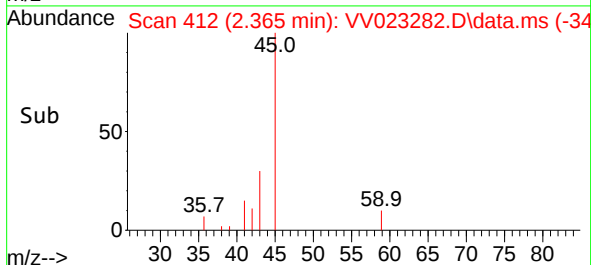
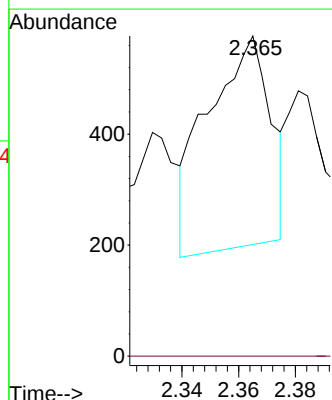
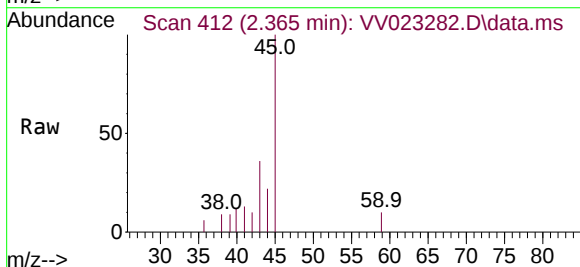
Acq: 08 Nov 2021 16:33

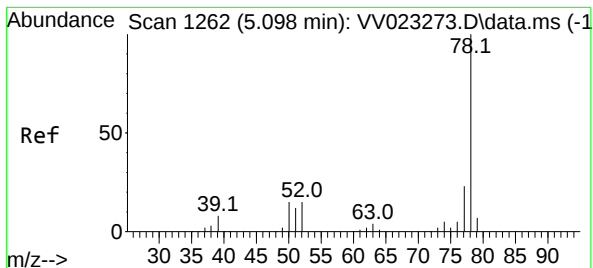
Tgt Ion: 43 Resp: 583

Ion Ratio Lower Upper

43 100

74 0.0 22.2 33.2#





#33

Benzene

Concen: 0.402 ug/L

RT: 5.104 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV023282.D

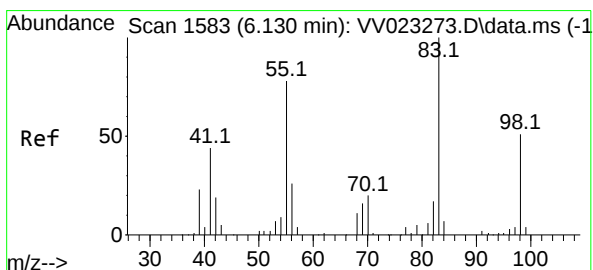
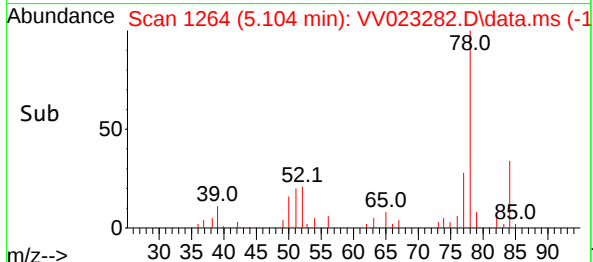
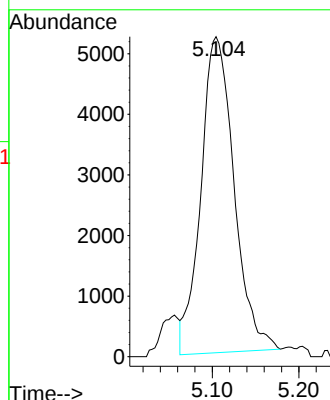
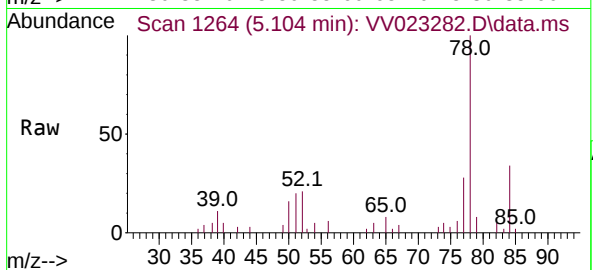
Acq: 08 Nov 2021 16:33

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 78 Resp: 13896



#35

Methylcyclohexane

Concen: 0.051 ug/L

RT: 6.124 min Scan# 1581

Delta R.T. -0.007 min

Lab File: VV023282.D

Acq: 08 Nov 2021 16:33

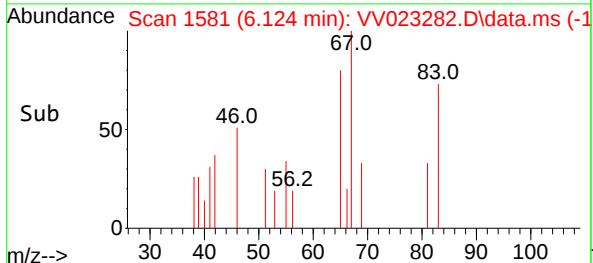
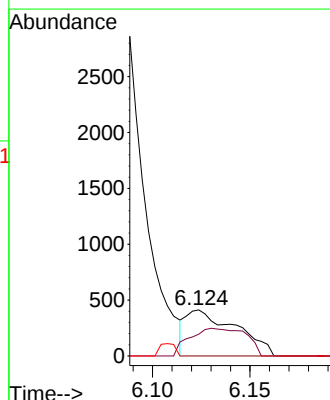
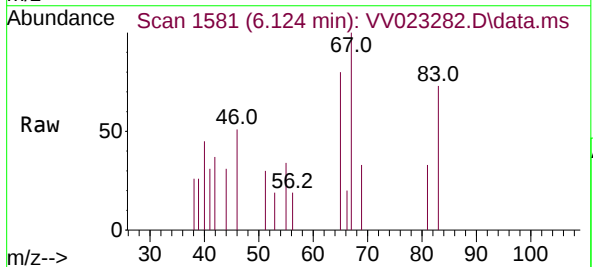
Tgt Ion: 83 Resp: 734

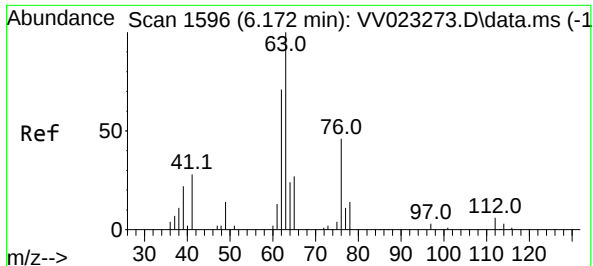
Ion Ratio Lower Upper

83 100

55 67.7 62.8 94.2

98 8.3 37.9 56.9#





#37

1,2-Dichloropropane

Concen: 0.667 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV023282.D

Acq: 08 Nov 2021 16:33

Instrument :

MSVOA_V

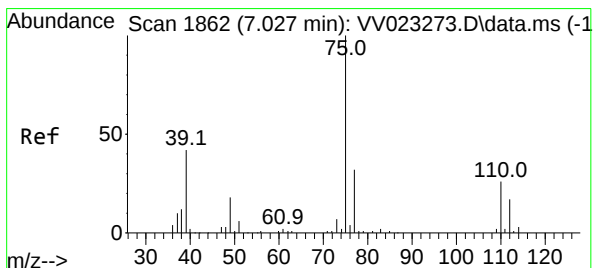
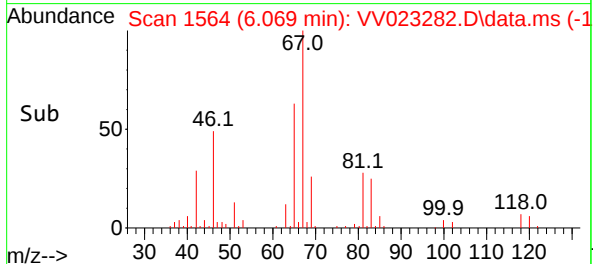
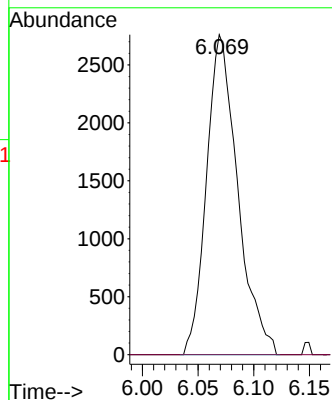
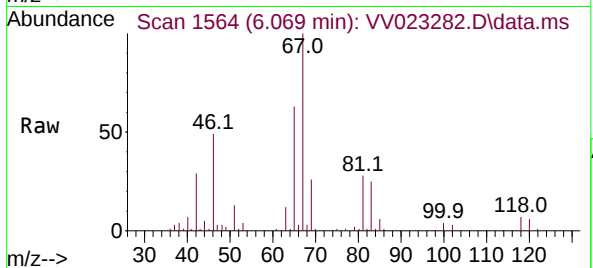
ClientSampleId :

Tgt Ion: 63 Resp: 5383

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#



#39

cis-1,3-Dichloropropene

Concen: 0.121 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.039 min

Lab File: VV023282.D

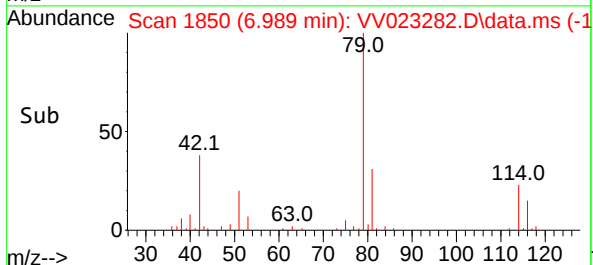
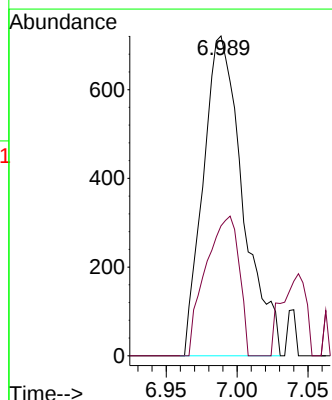
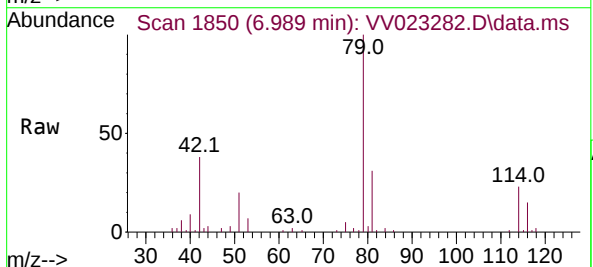
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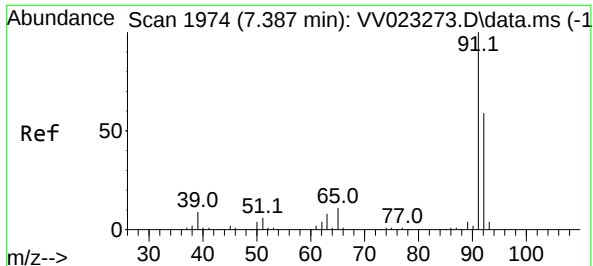
Tgt Ion: 75 Resp: 1401

Ion Ratio Lower Upper

75 100

77 40.6 21.6 40.2#





#42

Toluene

Concen: 0.769 ug/L

RT: 7.394 min Scan# 1974

Delta R.T. 0.006 min

Lab File: VV023282.D

Acq: 08 Nov 2021 16:33

Instrument :

MSVOA_V

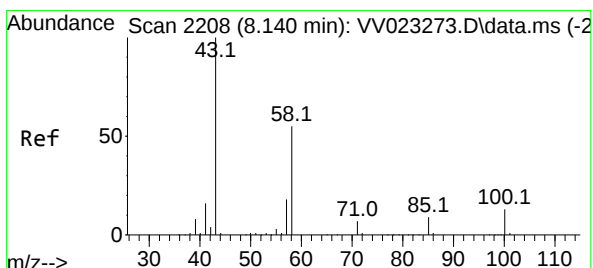
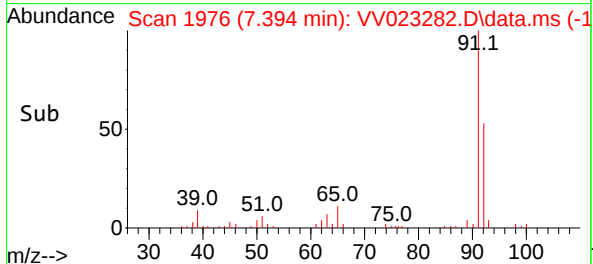
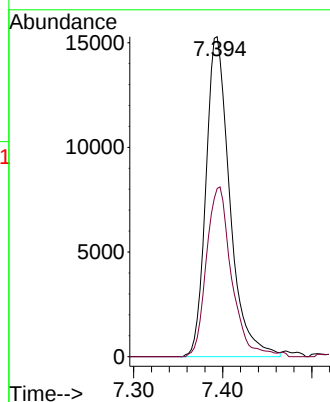
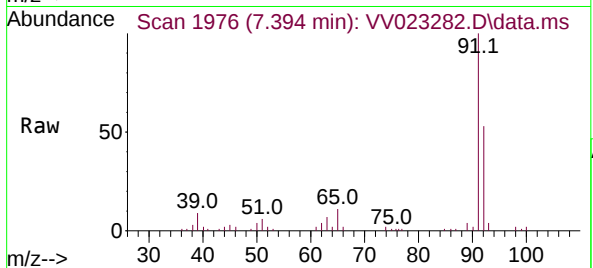
ClientSampleId :

Tgt Ion: 91 Resp: 28439

Ion Ratio Lower Upper

91 100

92 52.6 39.3 72.9



#48

2-Hexanone

Concen: 1.773 ug/L

RT: 8.149 min Scan# 2211

Delta R.T. 0.010 min

Lab File: VV023282.D

Acq: 08 Nov 2021 16:33

Tgt Ion: 43 Resp: 4649

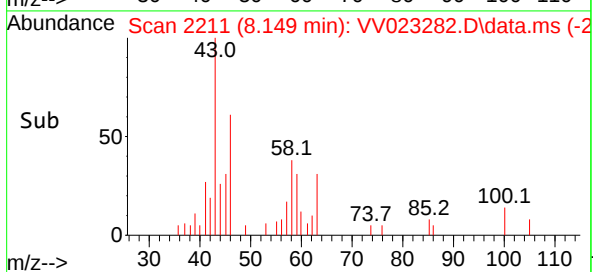
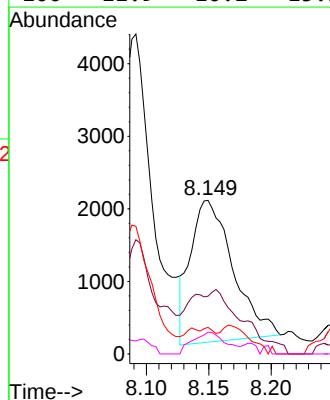
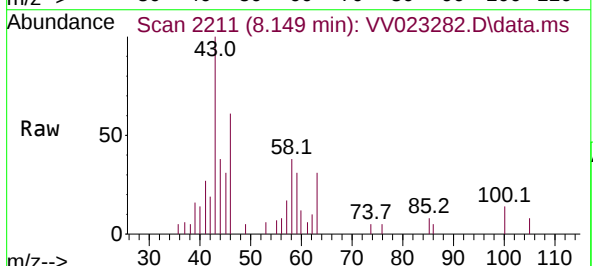
Ion Ratio Lower Upper

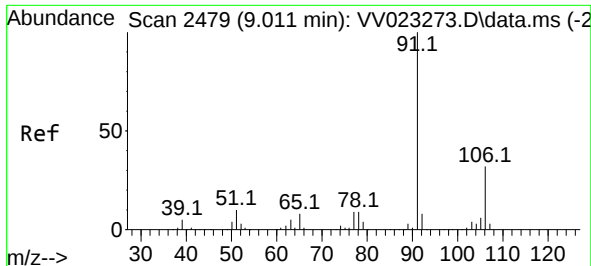
43 100

58 5.4 43.7 65.5#

57 6.6 14.1 21.1#

100 11.9 10.2 15.2

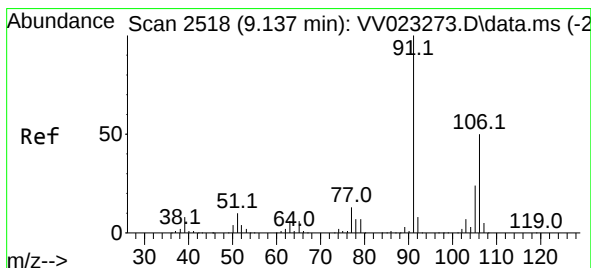
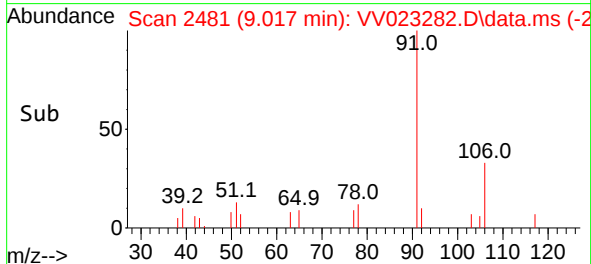
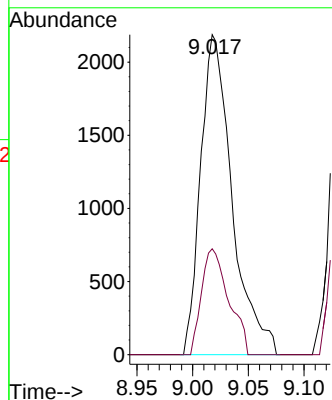
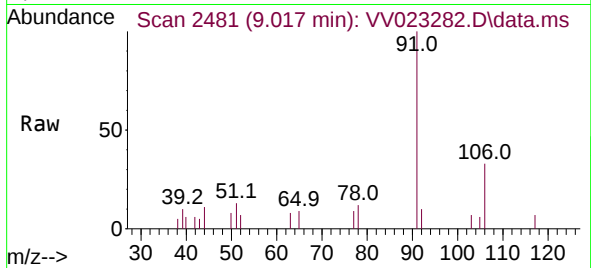




#52
Ethylbenzene
Concen: 0.110 ug/L
RT: 9.017 min Scan# 2479
Delta R.T. 0.006 min
Lab File: VV023282.D
Acq: 08 Nov 2021 16:33

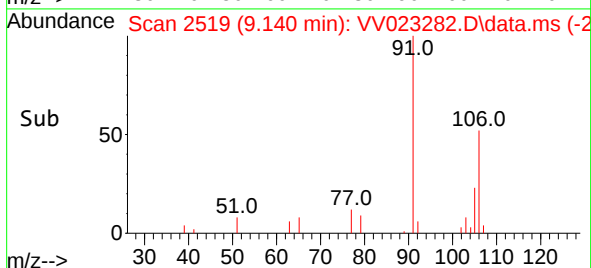
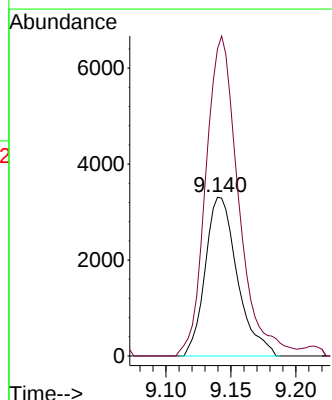
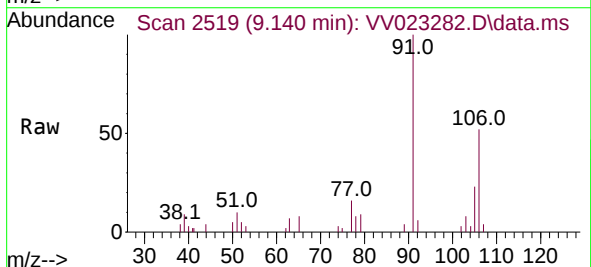
Instrument :
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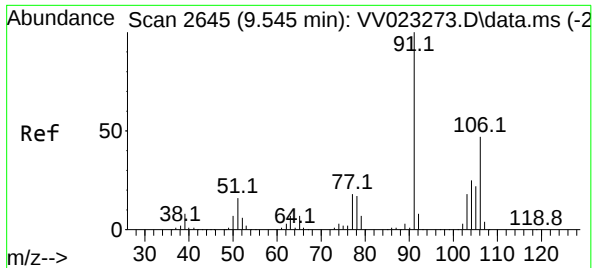
Tgt Ion: 91 Resp: 4298
Ion Ratio Lower Upper
91 100
106 33.1 22.5 41.9



#53
m,p-xylene
Concen: 0.372 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV023282.D
Acq: 08 Nov 2021 16:33

Tgt Ion: 106 Resp: 5687
Ion Ratio Lower Upper
106 100
91 193.5 137.2 254.8

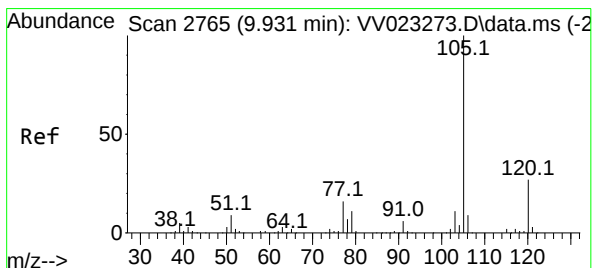
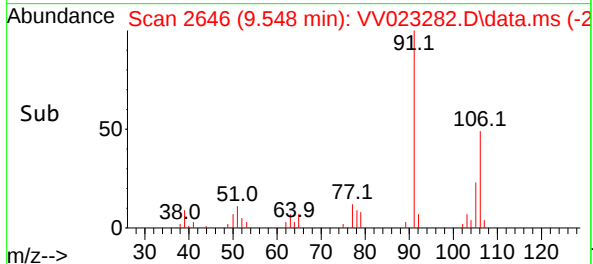
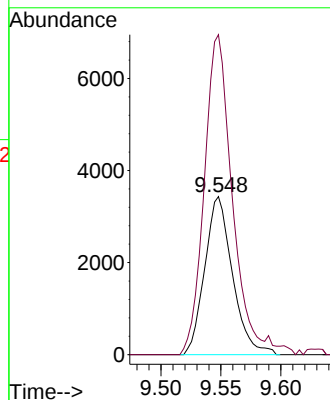
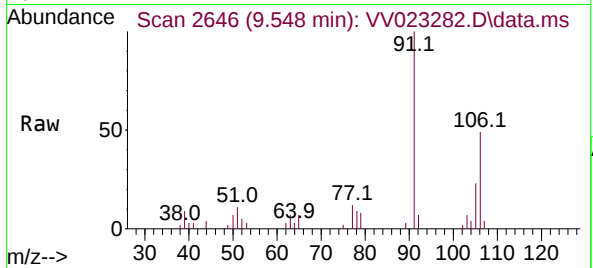




#54
o-xylene
Concen: 0.385 ug/L
RT: 9.548 min Scan# 20
Delta R.T. 0.003 min
Lab File: VV023282.D
Acq: 08 Nov 2021 16:33

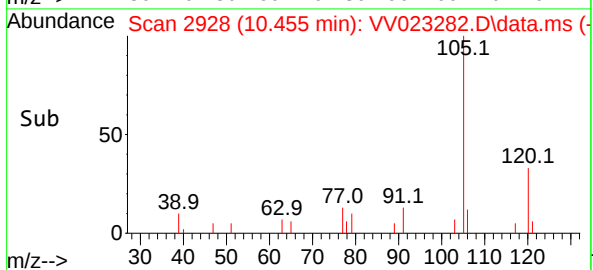
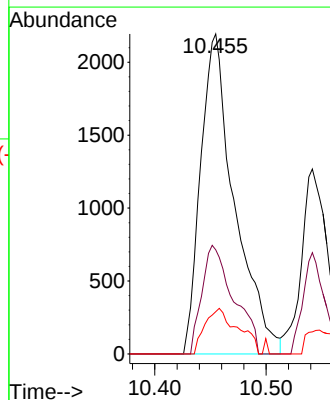
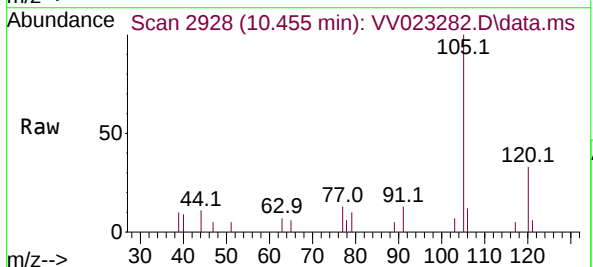
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MSVOA_V
ClientSampleId :

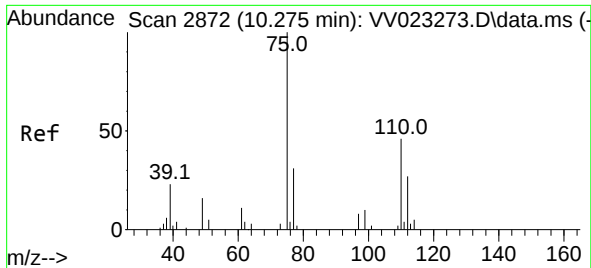
Tgt Ion:106 Resp: 5529
Ion Ratio Lower Upper
106 100
91 202.5 148.3 275.5



#60
Isopropylbenzene
Concen: 0.133 ug/L
RT: 10.455 min Scan# 2928
Delta R.T. 0.524 min
Lab File: VV023282.D
Acq: 08 Nov 2021 16:33

Tgt Ion:105 Resp: 4652
Ion Ratio Lower Upper
105 100
120 31.9 21.7 32.5
77 13.9 12.6 19.0

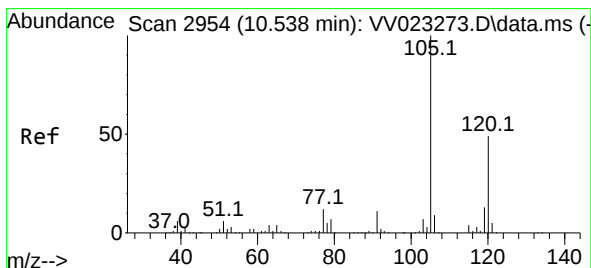
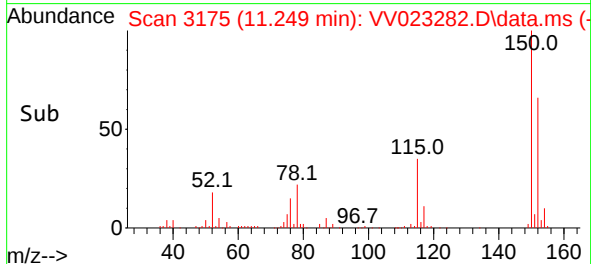
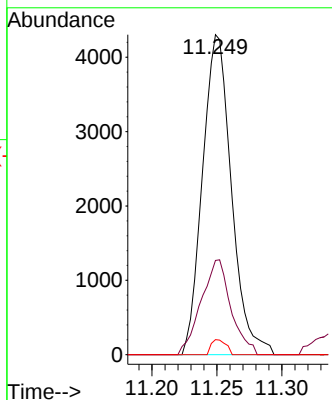
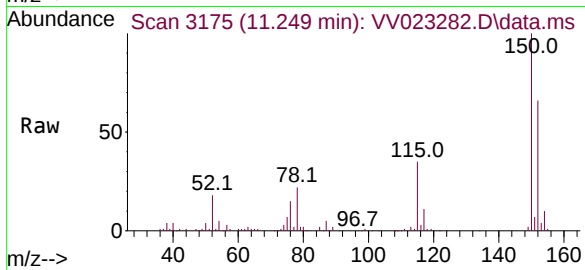




#61
 1,2,3-Trichloropropane
 Concen: 1.646 ug/L
 RT: 11.249 min Scan# 3175
 Delta R.T. 0.974 min
 Lab File: VV023282.D
 Acq: 08 Nov 2021 16:33

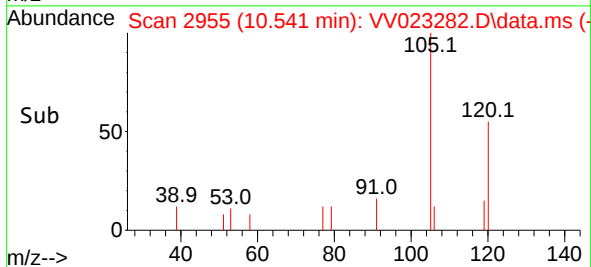
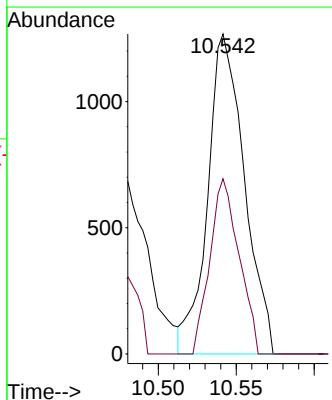
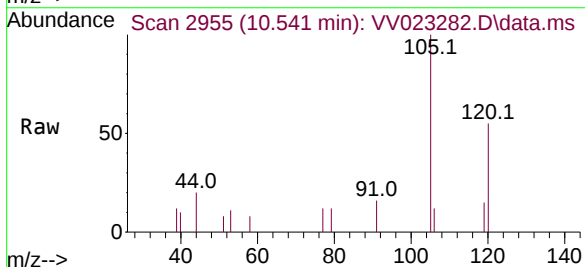
Instrument :
 MSVOA_V
 ClientSampleId :

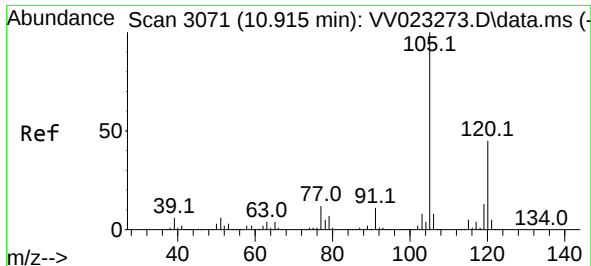
Tgt Ion: 75 Resp: 6661
 Ion Ratio Lower Upper
 75 100
 77 30.6 26.6 39.8
 110 2.4 31.8 47.6#



#62
 1,3,5-Trimethylbenzene
 Concen: 0.072 ug/L
 RT: 10.541 min Scan# 2955
 Delta R.T. 0.003 min
 Lab File: VV023282.D
 Acq: 08 Nov 2021 16:33

Tgt Ion: 105 Resp: 2078
 Ion Ratio Lower Upper
 105 100
 120 43.4 39.7 59.5

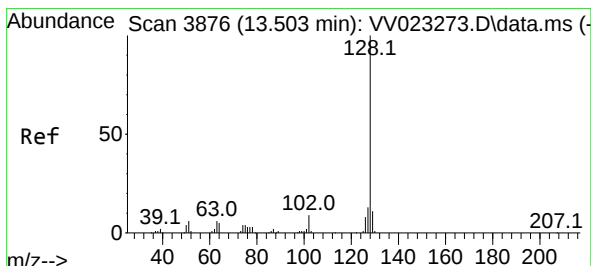
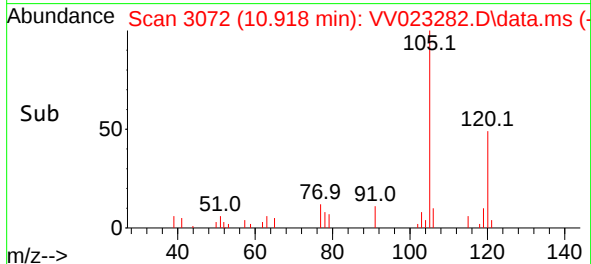
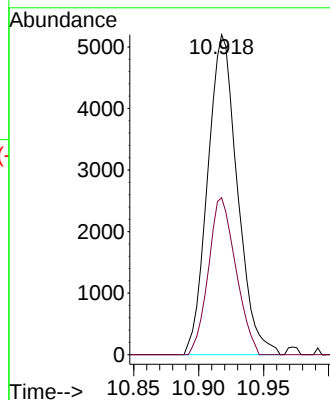
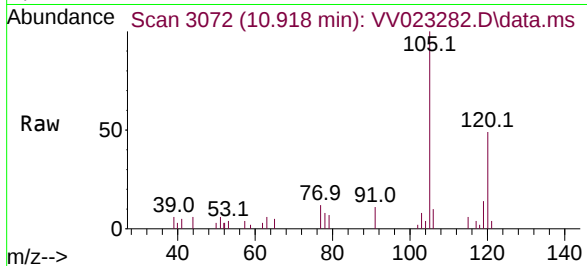




#63
1,2,4-Trimethylbenzene
Concen: 0.287 ug/L
RT: 10.918 min Scan# 3071
Delta R.T. 0.003 min
Lab File: VV023282.D
Acq: 08 Nov 2021 16:33

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 8291
Ion Ratio Lower Upper
105 100
120 45.1 37.4 56.2



#71
Naphthalene
Concen: 0.128 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.006 min
Lab File: VV023282.D
Acq: 08 Nov 2021 16:33

Tgt Ion:128 Resp: 2108
Ion Ratio Lower Upper
128 100
129 8.5 8.6 13.0#
127 11.2 10.5 15.7

