

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122822\
 Data File : VU052587.D
 Acq On : 28 Dec 2022 14:43
 Operator : JC/MD
 Sample : N6171-20DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBQD6DL

Quant Time: Dec 29 00:26:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 29 00:24:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	199833	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	182458	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	91617	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	54974	2.715	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	54.400%
7) Chloroethane-d5	1.912	69	57556	3.297	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	66.000%
11) 1,1-Dichloroethene-d2	2.565	65	26613	3.055	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.000%
20) 2-Butanone-d5	4.639	46	312729	49.813	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.620%
24) Chloroform-d	5.060	84	136118	3.985	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.600%
26) 1,2-Dichloroethane-d4	5.700	65	78014	3.938	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.800%
32) Benzene-d6	5.723	84	274073	4.381	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
36) 1,2-Dichloropropane-d6	6.687	67	98061	4.554	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.000%
41) Toluene-d8	7.893	98	225547	4.295	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.800%
43) trans-1,3-Dichloroprop...	8.176	79	33641	4.562	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.200%
46) 2-Hexanone-d5	8.629	63	213968	53.039	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.080%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	81665	4.467	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.400%
66) 1,2-Dichlorobenzene-d4	12.188	152	90604	4.858	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.200%
Target Compounds						Qvalue
15) Methyl Acetate	3.041	43	95043	9.322	ug/L #	55
16) Methylene chloride	3.044	84	15283	0.723	ug/L	92
22) cis-1,2-Dichloroethene	4.661	96	11426	0.675	ug/L	97
25) Chloroform	5.121	83	22465	0.691	ug/L #	22
27) 1,2-Dichloroethane	5.774	62	4528	0.202	ug/L #	1
30) Cyclohexane	5.385	56	153289	6.177	ug/L	99
33) Benzene	5.771	78	422994	6.436	ug/L	100
35) Methylcyclohexane	6.761	83	62721	2.707	ug/L	89
42) Toluene	7.967	91	79969	1.269	ug/L	94
45) 1,1,2-Trichloroethane	8.365	97	5805	0.447	ug/L #	20
52) Ethylbenzene	9.568	91	300755	4.612	ug/L	99
53) m,p-Xylene	9.690	106	207296	8.621	ug/L	99
54) o-Xylene	10.099	106	7963	0.345	ug/L	94
60) Isopropylbenzene	10.478	105	47801	0.805	ug/L	99
62) 1,3,5-Trimethylbenzene	11.082	105	15686	0.320	ug/L	95
71) Naphthalene	14.082	128	83035	2.248	ug/L	100

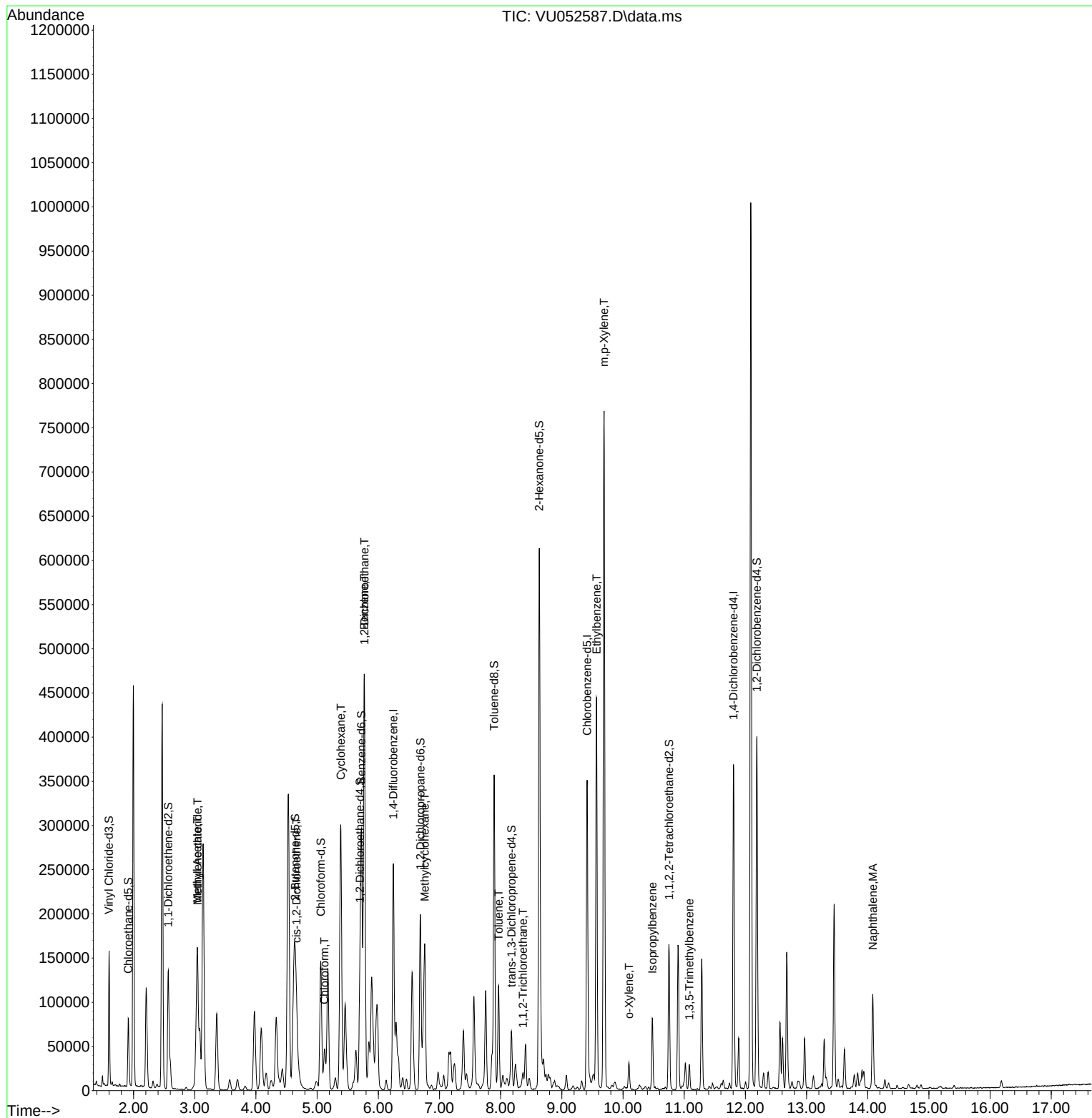
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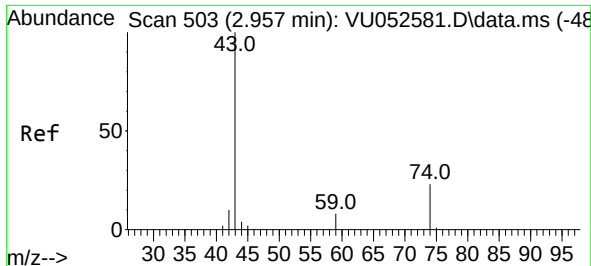
Instrument :
MSVOA_U
ClientSampleId :
GBQD6DL

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration

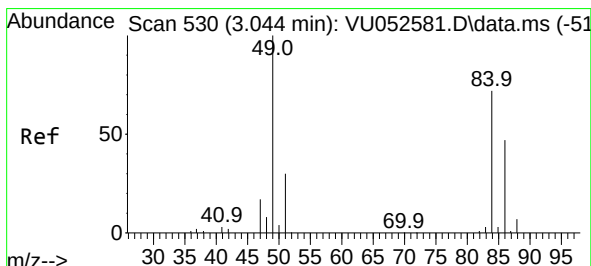
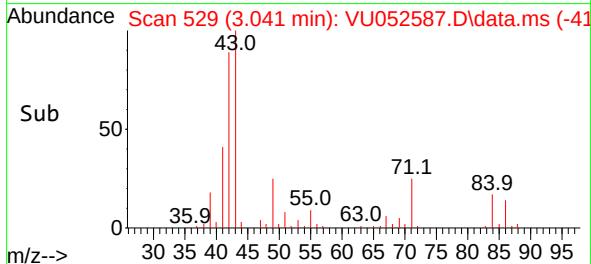
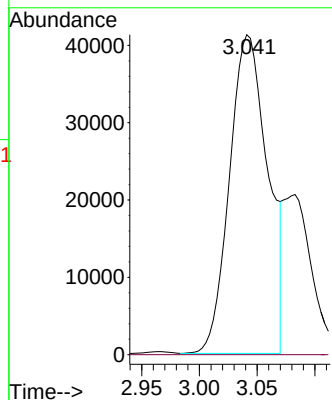
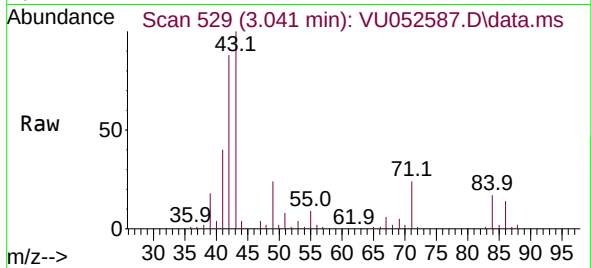




#15
Methyl Acetate
Concen: 9.322 ug/L
RT: 3.041 min Scan# 51
Delta R.T. 0.084 min
Lab File: VU052587.D
Acq: 28 Dec 2022 14:43

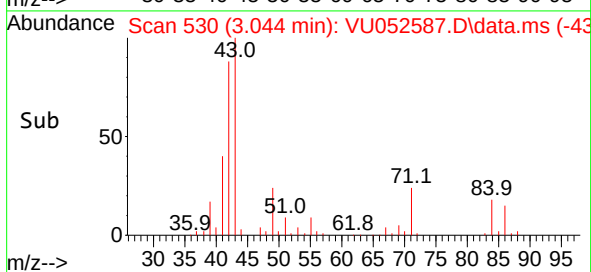
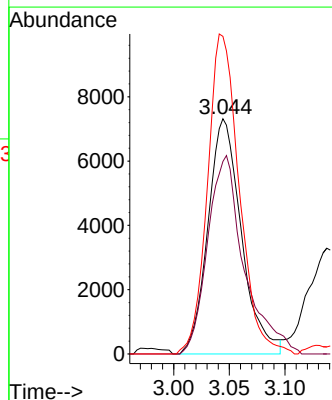
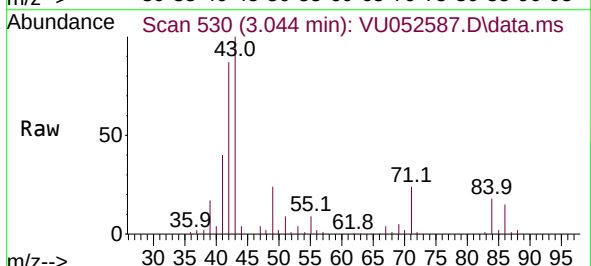
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MSVOA_U
ClientSampleId :
GBQD6DL

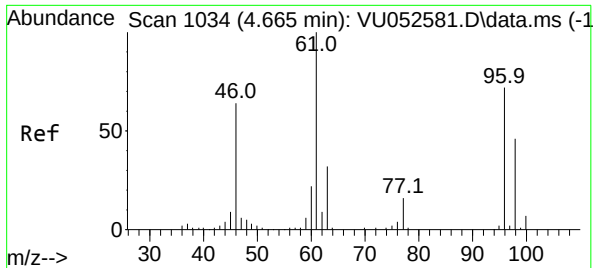
Tgt Ion: 43 Resp: 95043
Ion Ratio Lower Upper
43 100
74 0.0 16.9 25.3#



#16
Methylene chloride
Concen: 0.723 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU052587.D
Acq: 28 Dec 2022 14:43

Tgt Ion: 84 Resp: 15283
Ion Ratio Lower Upper
84 100
86 81.8 44.7 83.1
49 135.0 93.3 173.3





#22

cis-1,2-Dichloroethene

Concen: 0.675 ug/L

RT: 4.661 min Scan# 1176

Delta R.T. -0.003 min

Lab File: VU052587.D

Acq: 28 Dec 2022 14:43

Instrument :

MSVOA_U

ClientSampleId :

GBQD6DL

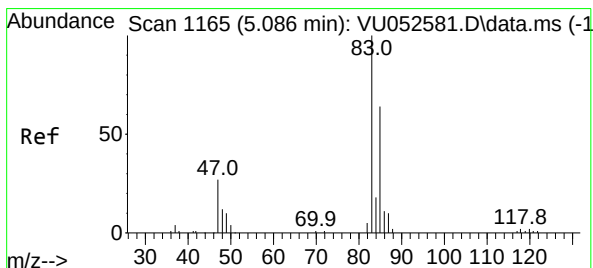
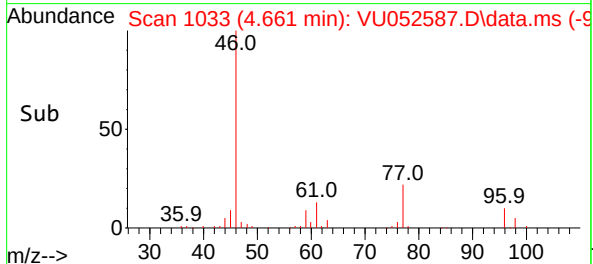
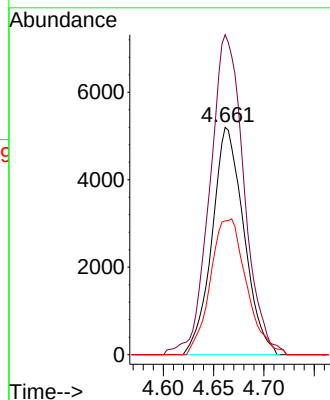
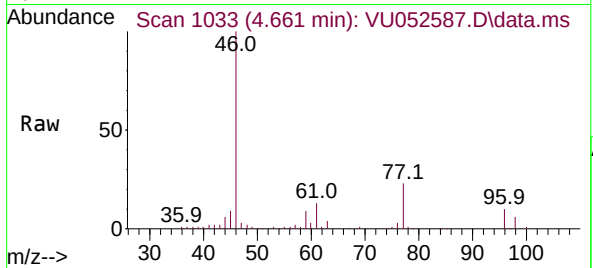
Tgt Ion: 96 Resp: 11426

Ion Ratio Lower Upper

96 100

61 140.7 96.9 180.1

98 58.8 44.7 83.1



#25

Chloroform

Concen: 0.691 ug/L

RT: 5.121 min Scan# 1176

Delta R.T. 0.035 min

Lab File: VU052587.D

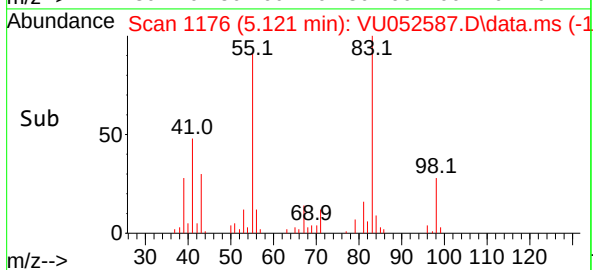
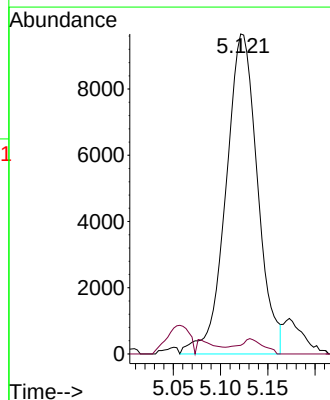
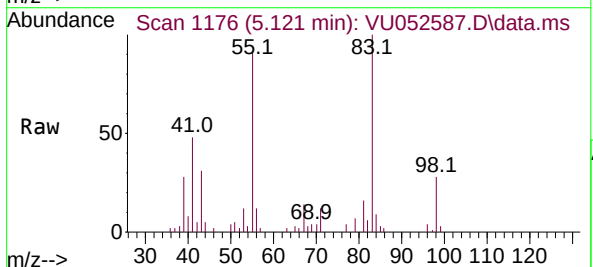
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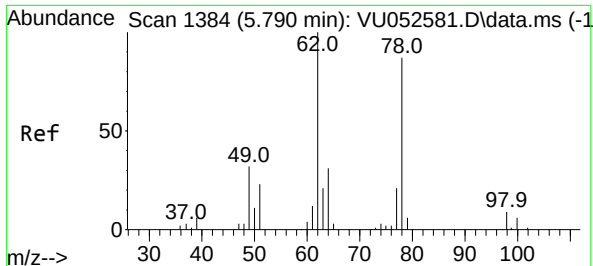
Tgt Ion: 83 Resp: 22465

Ion Ratio Lower Upper

83 100

85 2.7 44.7 83.1#





#27

1,2-Dichloroethane

Concen: 0.202 ug/L

RT: 5.774 min Scan# 11

Delta R.T. -0.016 min

Lab File: VU052587.D

Acq: 28 Dec 2022 14:43

Instrument :

MSVOA_U

ClientSampleId :

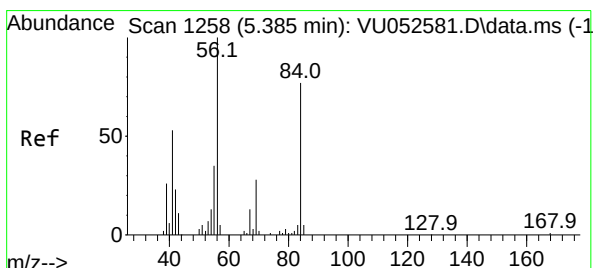
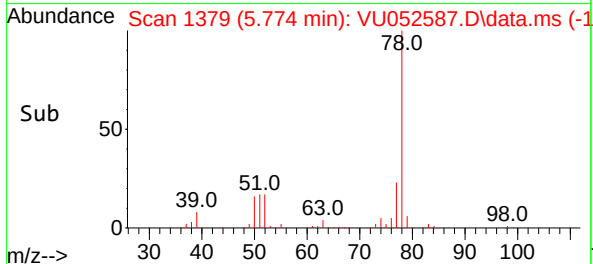
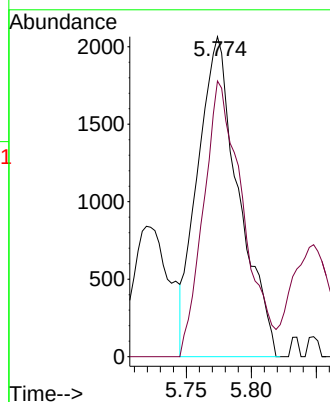
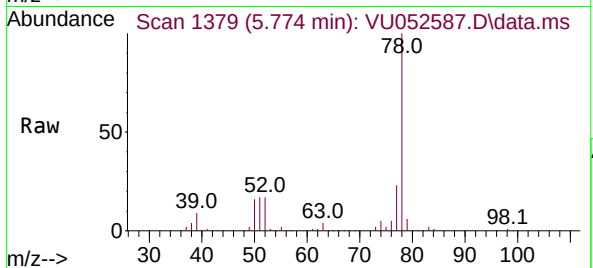
GBQD6DL

Tgt Ion: 62 Resp: 4528

Ion Ratio Lower Upper

62 100

98 86.2 7.4 11.2#



#30

Cyclohexane

Concen: 6.177 ug/L

RT: 5.385 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VU052587.D

Acq: 28 Dec 2022 14:43

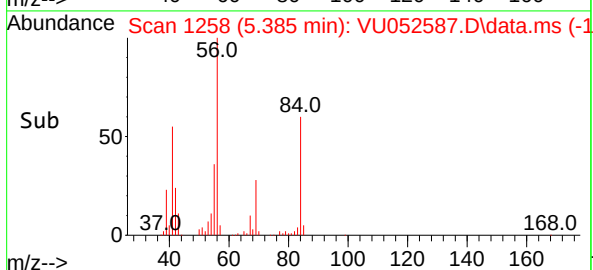
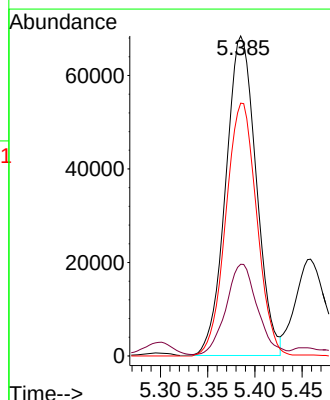
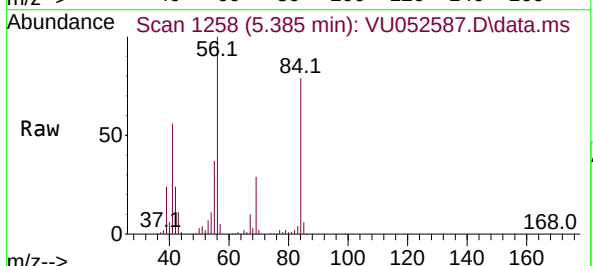
Tgt Ion: 56 Resp: 153289

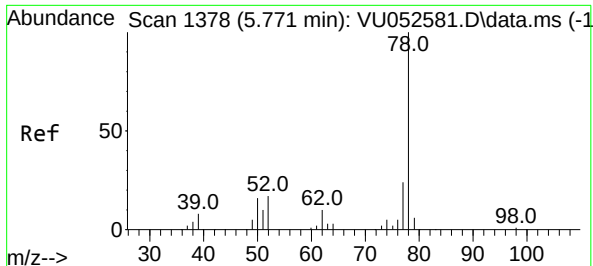
Ion Ratio Lower Upper

56 100

69 29.7 23.0 34.6

84 80.2 64.4 96.6

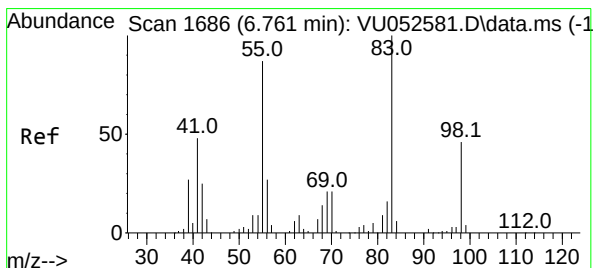
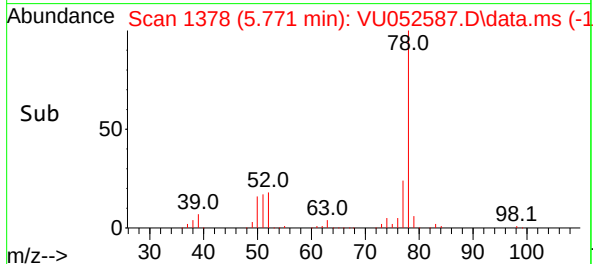
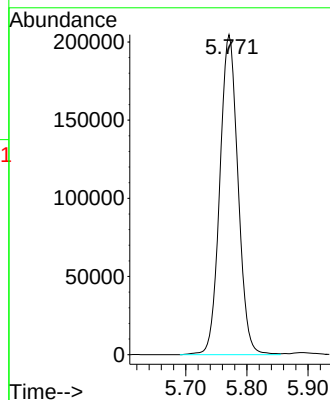
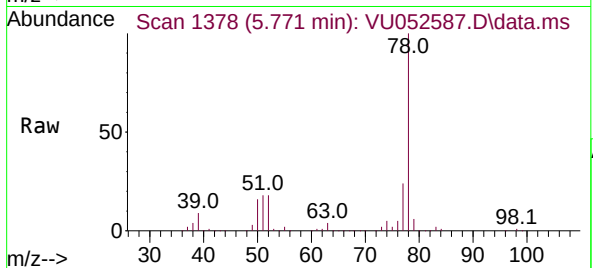




#33
Benzene
Concen: 6.436 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VU052587.D
Acq: 28 Dec 2022 14:43

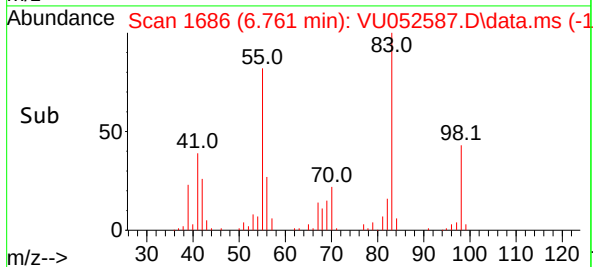
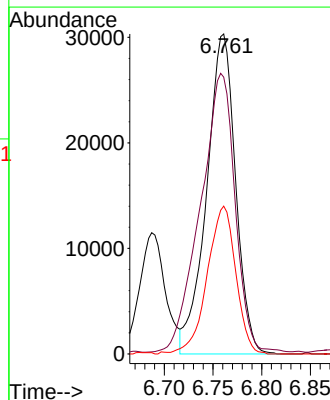
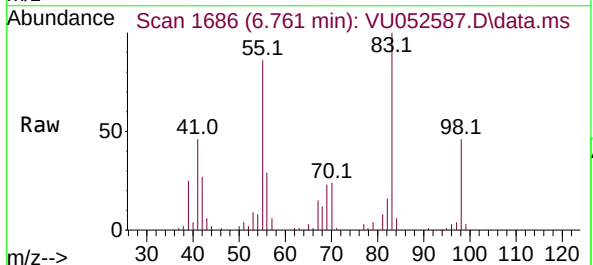
Instrument :
MSVOA_U
ClientSampleId :
GBQD6DL

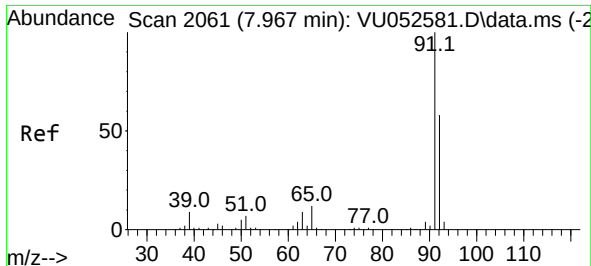
Tgt Ion: 78 Resp: 422994



#35
Methylcyclohexane
Concen: 2.707 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VU052587.D
Acq: 28 Dec 2022 14:43

Tgt Ion: 83 Resp: 62721
Ion Ratio Lower Upper
83 100
55 104.0 71.4 107.0
98 45.4 36.5 54.7





#42

Toluene

Concen: 1.269 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VU052587.D

Acq: 28 Dec 2022 14:43

Instrument :

MSVOA_U

ClientSampleId :

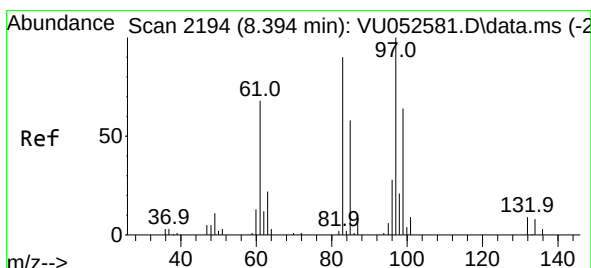
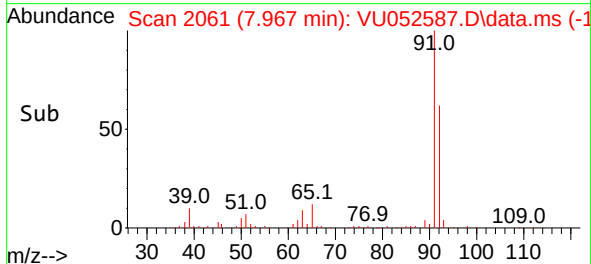
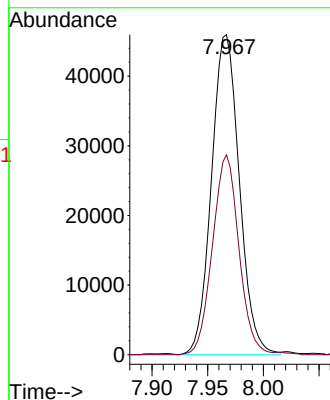
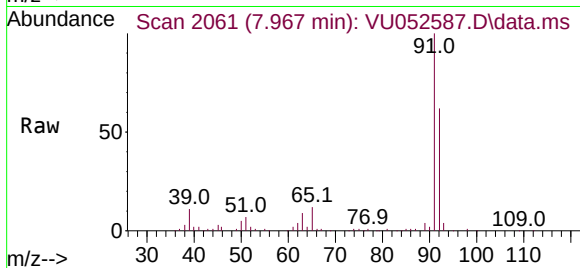
GBQD6DL

Tgt Ion: 91 Resp: 79969

Ion Ratio Lower Upper

91 100

92 62.4 40.6 75.4



#45

1,1,2-Trichloroethane

Concen: 0.447 ug/L

RT: 8.365 min Scan# 2185

Delta R.T. -0.029 min

Lab File: VU052587.D

Acq: 28 Dec 2022 14:43

Tgt Ion: 97 Resp: 5805

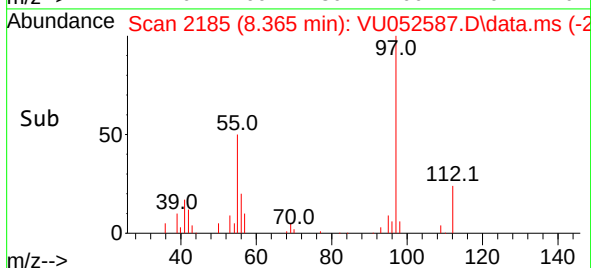
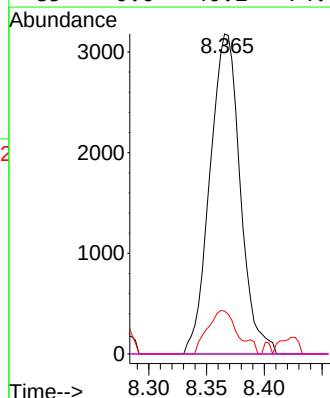
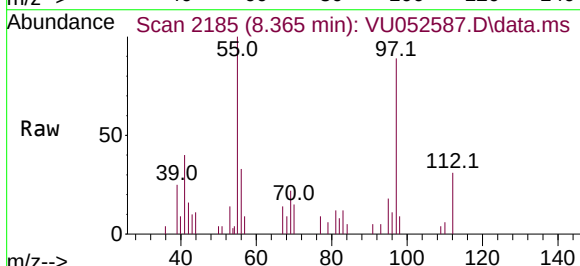
Ion Ratio Lower Upper

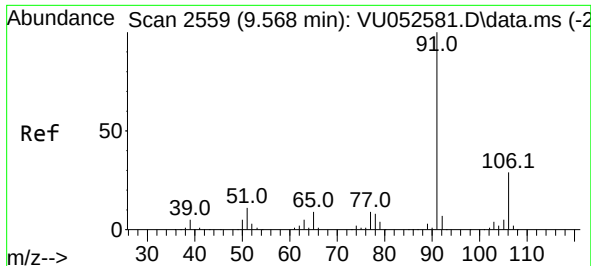
97 100

99 0.0 42.0 78.0#

83 13.3 63.2 117.4#

85 0.0 40.2 74.6#

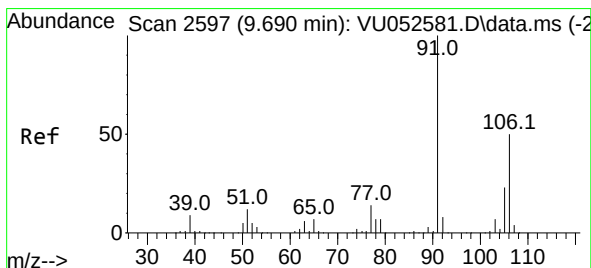
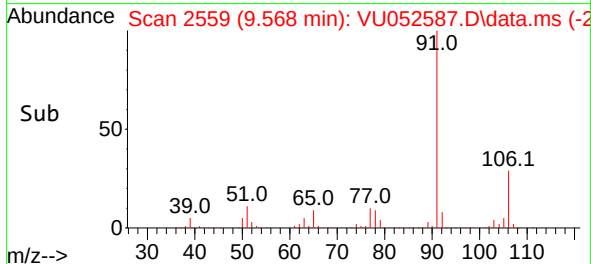
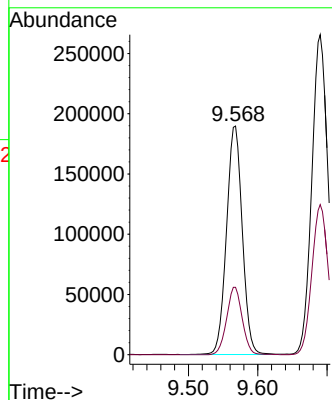
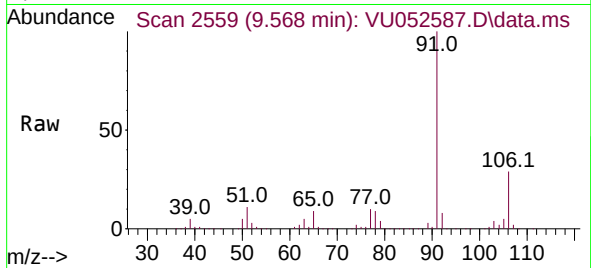




#52
Ethylbenzene
Concen: 4.612 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU052587.D
Acq: 28 Dec 2022 14:43

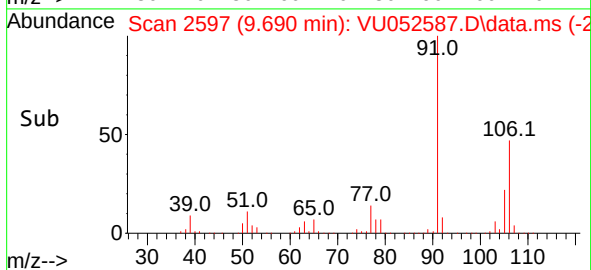
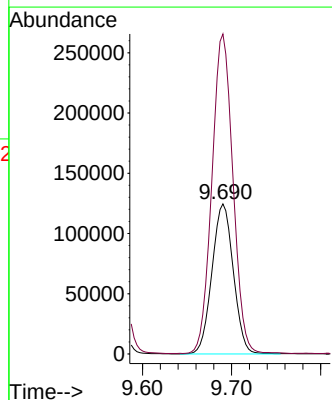
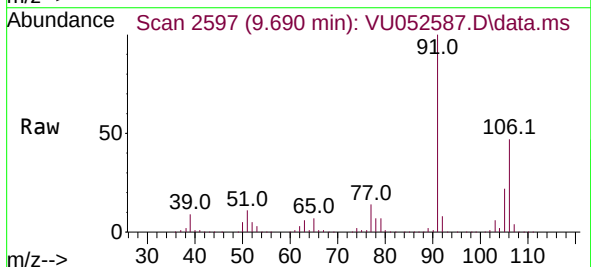
Instrument :
MSVOA_U
ClientSampleId :
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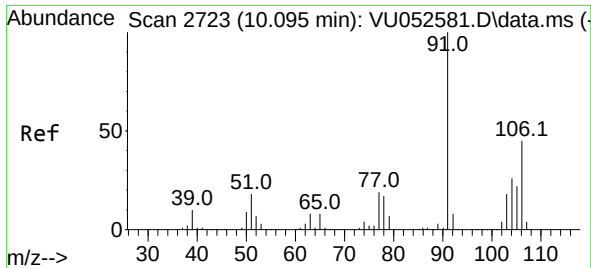
Tgt Ion: 91 Resp: 300755
Ion Ratio Lower Upper
91 100
106 29.5 20.9 38.7



#53
m,p-Xylene
Concen: 8.621 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. 0.000 min
Lab File: VU052587.D
Acq: 28 Dec 2022 14:43

Tgt Ion: 106 Resp: 207296
Ion Ratio Lower Upper
106 100
91 213.3 148.2 275.2

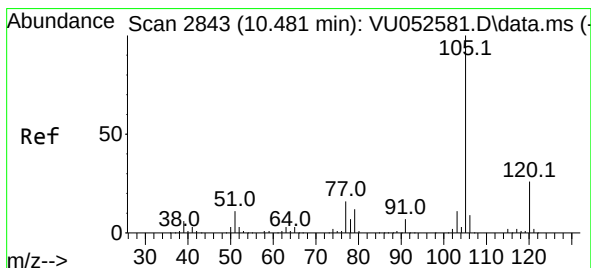
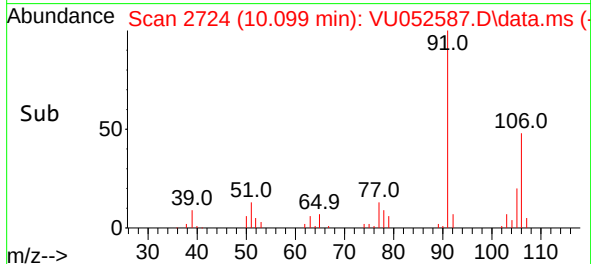
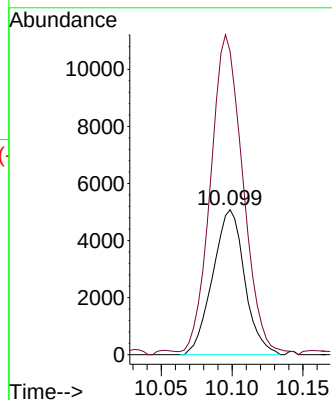
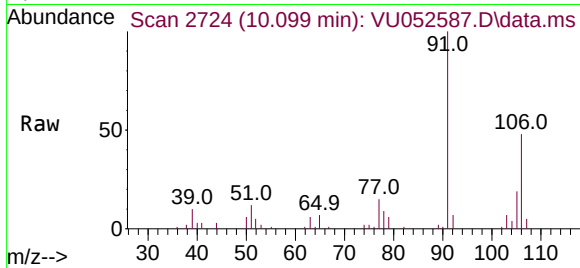




#54
o-Xylene
Concen: 0.345 ug/L
RT: 10.099 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU052587.D
Acq: 28 Dec 2022 14:43

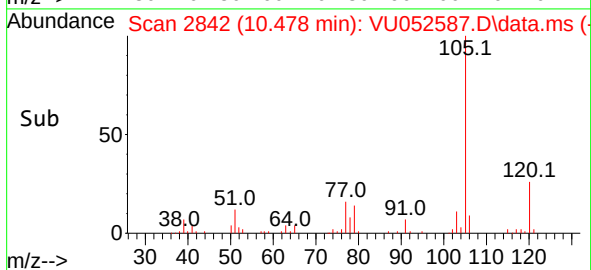
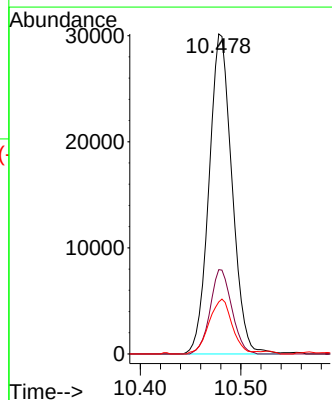
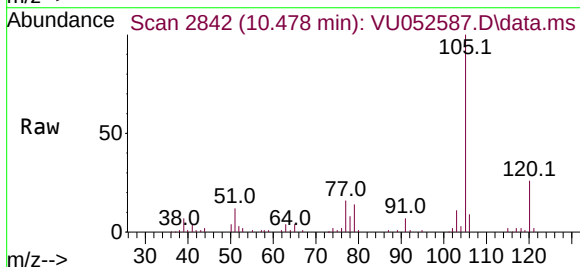
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MSVOA_U
ClientSampleId :
GBQD6DL

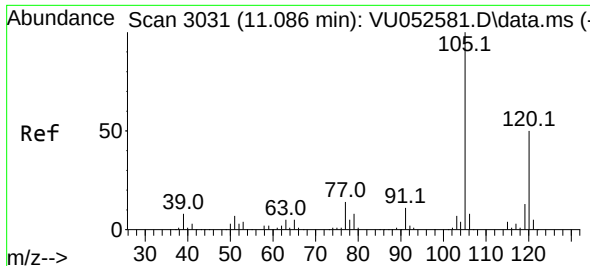
Tgt Ion:106 Resp: 7963
Ion Ratio Lower Upper
106 100
91 209.2 153.2 284.4



#60
Isopropylbenzene
Concen: 0.805 ug/L
RT: 10.478 min Scan# 2842
Delta R.T. -0.003 min
Lab File: VU052587.D
Acq: 28 Dec 2022 14:43

Tgt Ion:105 Resp: 47801
Ion Ratio Lower Upper
105 100
120 24.9 20.6 31.0
77 17.4 13.8 20.8

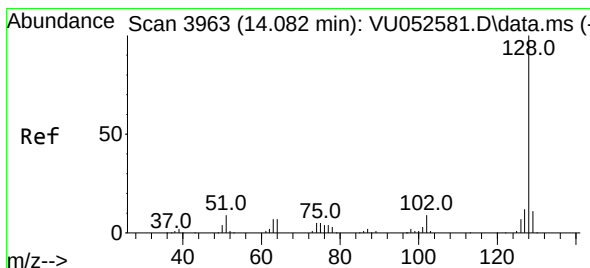
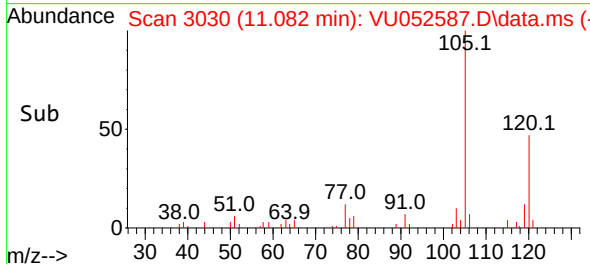
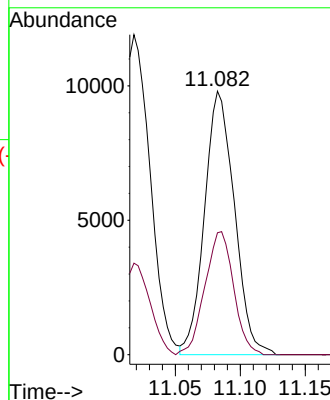
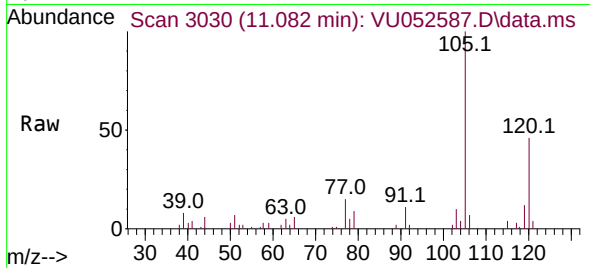




#62
1,3,5-Trimethylbenzene
Concen: 0.320 ug/L
RT: 11.082 min Scan# 3031
Delta R.T. -0.003 min
Lab File: VU052587.D
Acq: 28 Dec 2022 14:43

Instrument :
MSVOA_U
ClientSampleId :
GBQD6DL

Tgt Ion:105 Resp: 15686
Ion Ratio Lower Upper
105 100
120 44.8 38.6 57.8



#71
Naphthalene
Concen: 2.248 ug/L
RT: 14.082 min Scan# 3963
Delta R.T. 0.000 min
Lab File: VU052587.D
Acq: 28 Dec 2022 14:43

Tgt Ion:128 Resp: 83035
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.1 10.6 16.0

