

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\WX120921\
 Data File : VX025664.D
 Acq On : 09 Dec 2021 16:50
 Operator : JC/MD
 Sample : M4886-07ME
 Misc : 5.48g/5mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 10 02:01:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML112221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 10 01:57:45 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	119316	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	108692	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	59565	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	33990	41.743	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.480%
7) Chloroethane-d5	1.648	69	19376	28.831	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	57.660%#
11) 1,1-Dichloroethene-d2	2.282	63	50161	38.635	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.280%
21) 2-Butanone-d5	4.483	46	45424	74.939	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	74.940%
24) Chloroform-d	5.068	84	61235	43.029	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.060%
26) 1,2-Dichloroethane-d4	5.958	65	40825	46.023	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.040%
32) Benzene-d6	5.977	84	134086	46.547	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.100%
36) 1,2-Dichloropropane-d6	7.312	67	38740	43.436	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.880%
41) Toluene-d8	8.653	98	125310	46.086	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.180%
43) trans-1,3-Dichloroprop...	8.958	79	17572	39.187	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.380%
47) 2-Hexanone-d5	9.397	63	33190	71.489	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	71.490%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	52532	41.676	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.360%
66) 1,2-Dichlorobenzene-d4	12.323	152	51386	43.985	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.960%
Target Compounds						Qvalue
13) Acetone	2.416	43	1203	2.414	ug/L	69
15) Methyl Acetate	2.721	43	1592	1.976	ug/L #	92
33) Benzene	6.038	78	4164	1.434	ug/L	100
35) Methylcyclohexane	7.318	83	9708	8.076	ug/L #	20
37) 1,2-Dichloropropane	7.312	63	4473	6.142	ug/L #	85
39) cis-1,3-Dichloropropene	8.330	75	1350	1.138	ug/L #	71
42) Toluene	8.720	91	8530	2.664	ug/L	89
44) trans-1,3-Dichloropropene	8.964	75	846	0.742	ug/L	90
52) Ethylbenzene	10.201	91	3068	0.891	ug/L	100
53) m,p-Xylene	10.305	106	19286	13.834	ug/L	97
54) o-Xylene	10.646	106	8461	6.063	ug/L	91
60) Isopropylbenzene	11.616	105	3662	0.957	ug/L	98
62) 1,3,5-Trimethylbenzene	11.457	105	22437	7.008	ug/L	97
63) 1,2,4-Trimethylbenzene	11.756	105	60868	18.815	ug/L #	80
68) 1,2-Dibromo-3-chloropr...	12.969	75	3541	12.504	ug/L #	1
71) Naphthalene	13.786	128	4982370	1367.530	ug/L	95

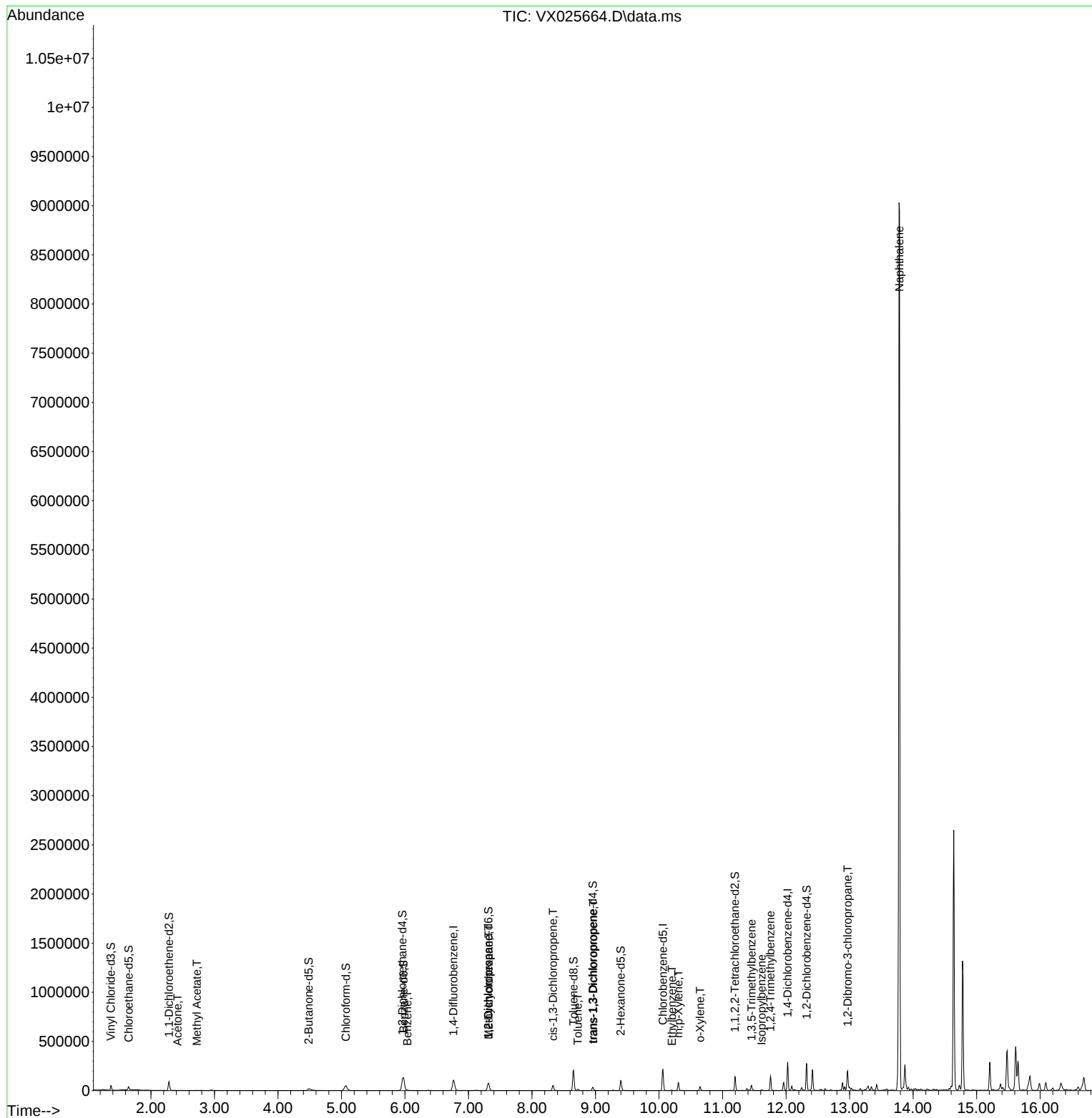
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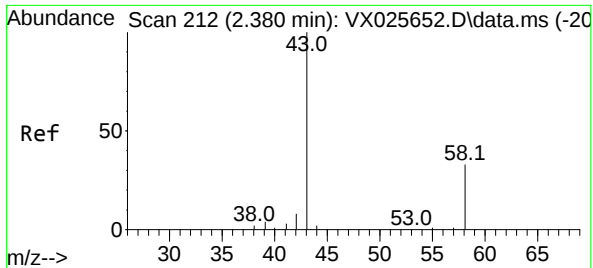
Instrument :
MSVOA_X
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120921\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM112221WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 10 01:57:45 2021
Response via : Initial Calibration





#13

Acetone

Concen: 2.414 ug/L

RT: 2.416 min Scan# 21

Delta R.T. 0.037 min

Lab File: VX025664.D

Acq: 09 Dec 2021 16:50

Instrument :

MSVOA_X

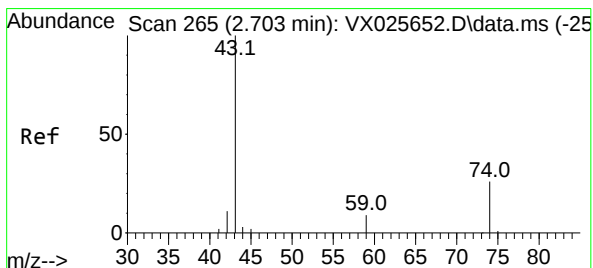
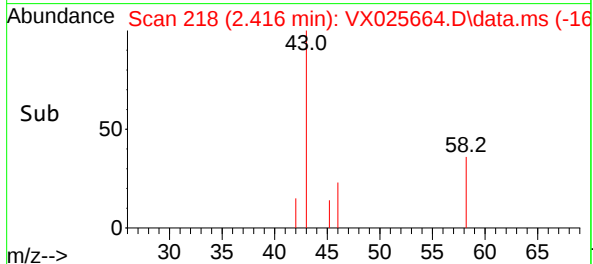
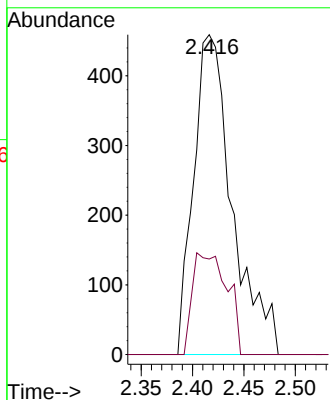
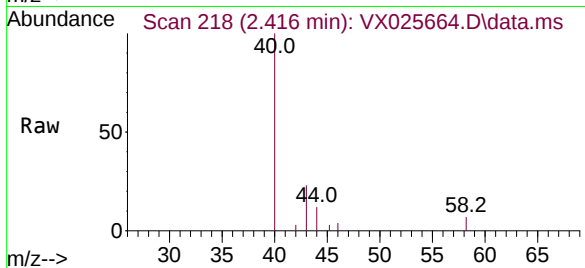
ClientSampleId :

Tgt Ion: 43 Resp: 1203

Ion Ratio Lower Upper

43 100

58 15.0 0.0 65.6



#15

Methyl Acetate

Concen: 1.976 ug/L

RT: 2.721 min Scan# 268

Delta R.T. 0.018 min

Lab File: VX025664.D

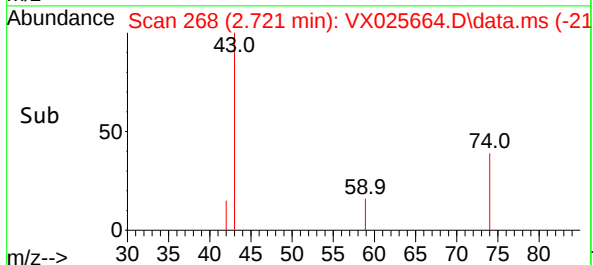
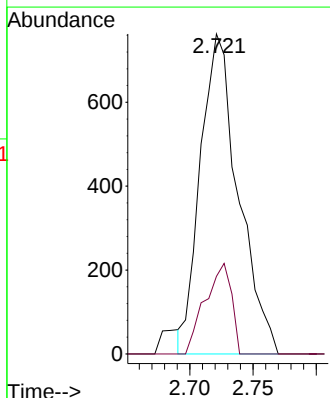
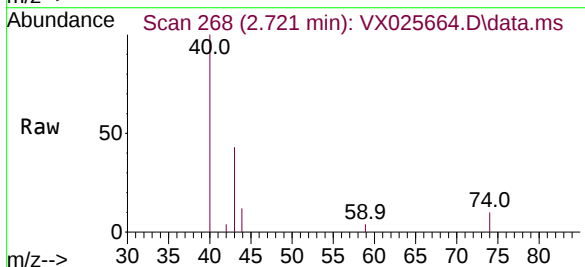
Acq: 09 Dec 2021 16:50

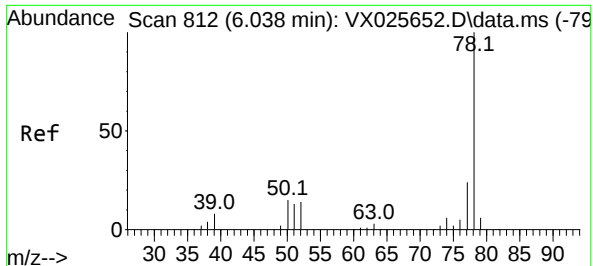
Tgt Ion: 43 Resp: 1592

Ion Ratio Lower Upper

43 100

74 19.6 0.1 0.1#

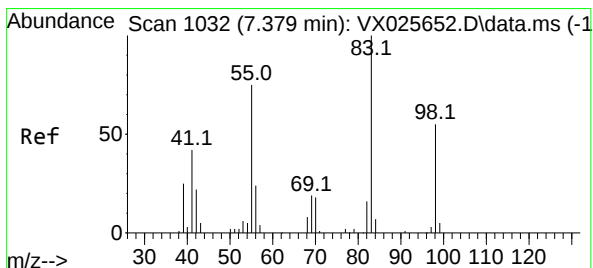
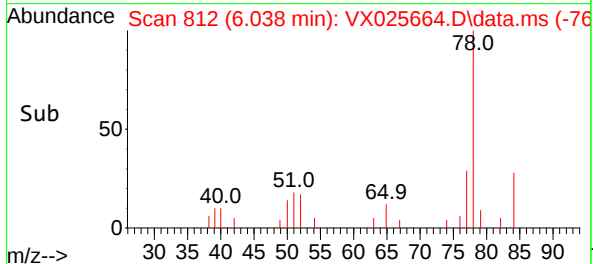
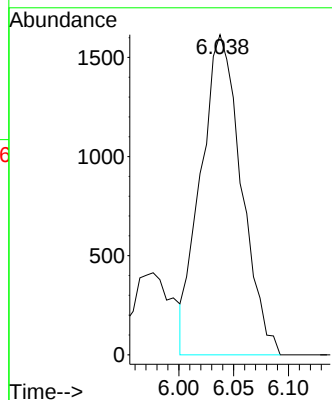
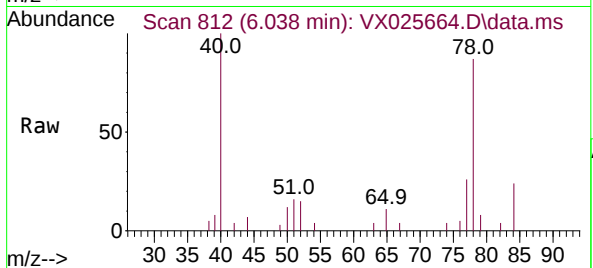




#33
Benzene
Concen: 1.434 ug/L
RT: 6.038 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX025664.D
Acq: 09 Dec 2021 16:50

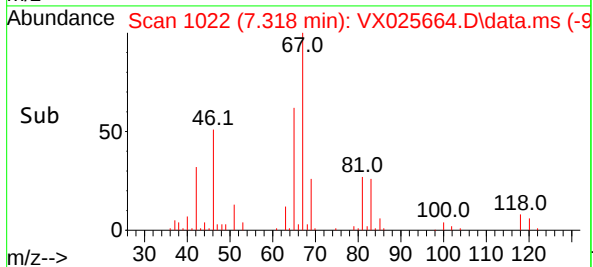
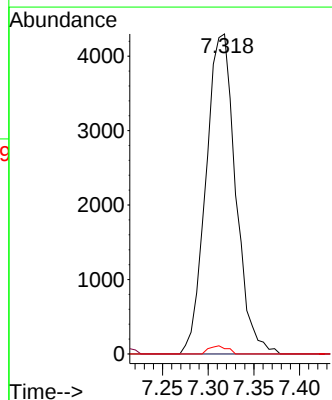
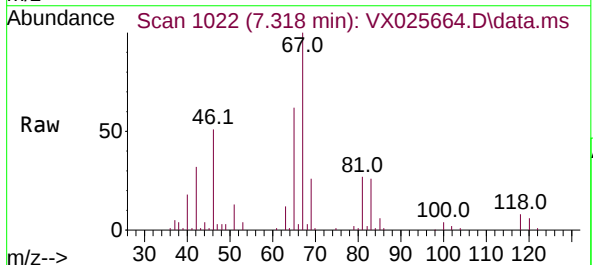
Instrument :
MSVOA_X
ClientSampleId :

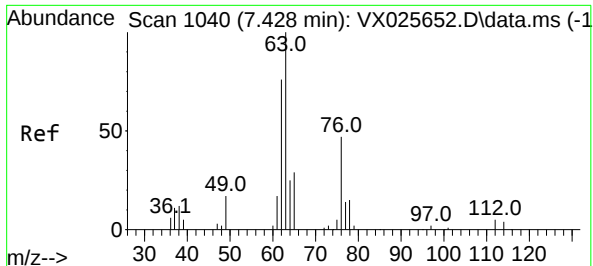
Tgt Ion: 78 Resp: 4164



#35
Methylcyclohexane
Concen: 8.076 ug/L
RT: 7.318 min Scan# 1022
Delta R.T. -0.061 min
Lab File: VX025664.D
Acq: 09 Dec 2021 16:50

Tgt Ion: 83 Resp: 9708
Ion Ratio Lower Upper
83 100
55 0.7 57.3 85.9#
98 1.6 41.1 61.7#





#37

1,2-Dichloropropane

Concen: 6.142 ug/L

RT: 7.312 min Scan# 1188

Delta R.T. -0.116 min

Lab File: VX025664.D

Acq: 09 Dec 2021 16:50

Instrument :

MSVOA_X

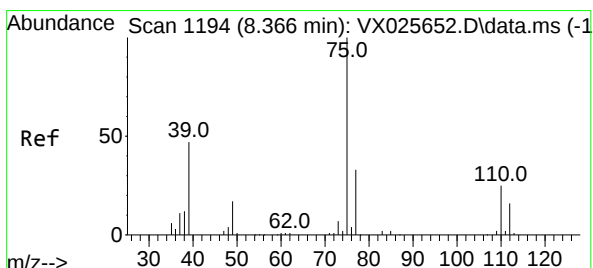
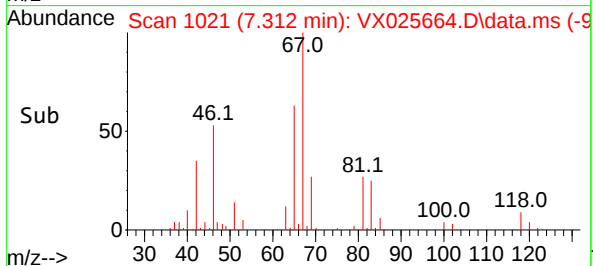
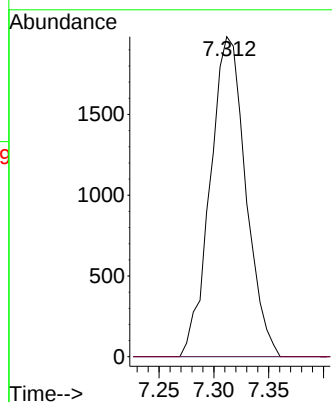
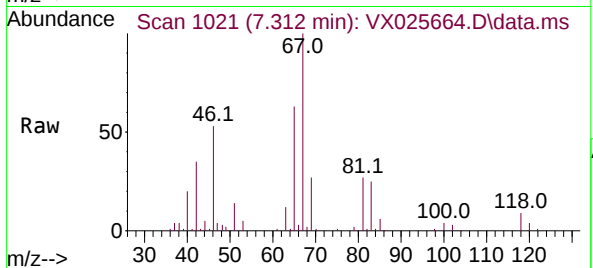
ClientSampleId :

Tgt Ion: 63 Resp: 4473

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#39

cis-1,3-Dichloropropene

Concen: 1.138 ug/L

RT: 8.330 min Scan# 1188

Delta R.T. -0.037 min

Lab File: VX025664.D

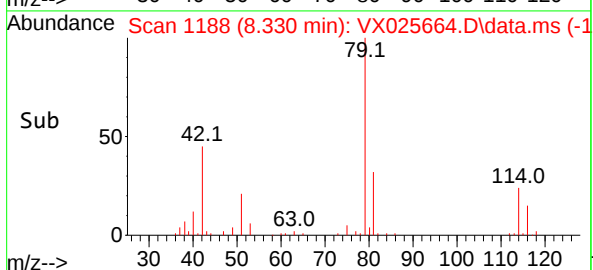
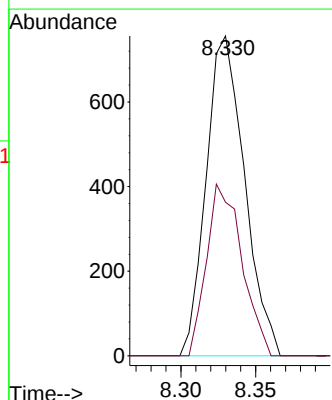
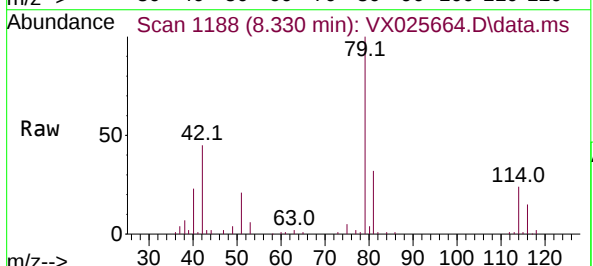
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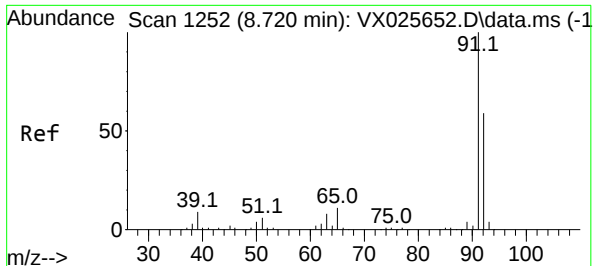
Tgt Ion: 75 Resp: 1350

Ion Ratio Lower Upper

75 100

77 48.0 22.3 41.3#





#42

Toluene

Concen: 2.664 ug/L

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX025664.D

Acq: 09 Dec 2021 16:50

Instrument :

MSVOA_X

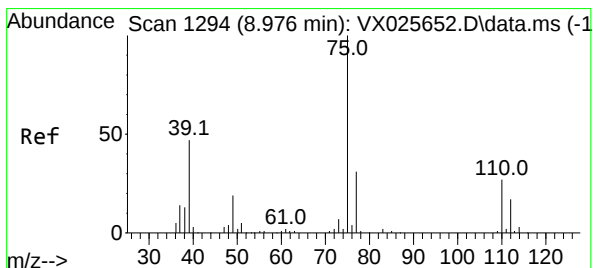
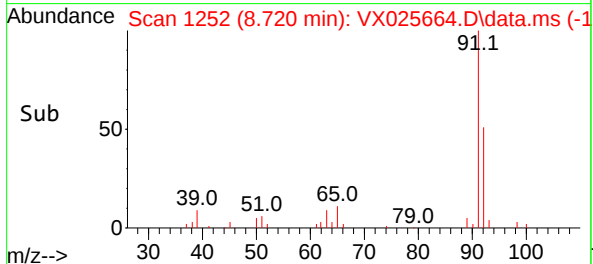
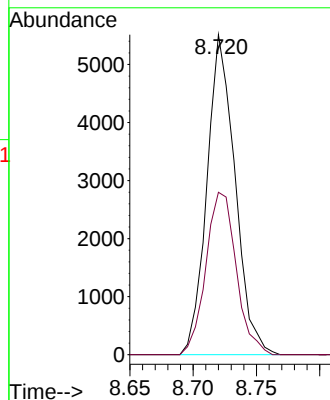
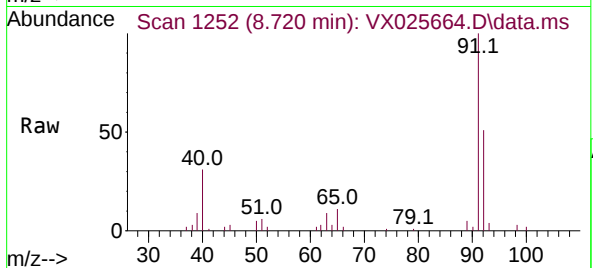
ClientSampleId :

Tgt Ion: 91 Resp: 8530

Ion Ratio Lower Upper

91 100

92 50.8 41.2 76.6



#44

trans-1,3-Dichloropropene

Concen: 0.742 ug/L

RT: 8.964 min Scan# 1292

Delta R.T. -0.012 min

Lab File: VX025664.D

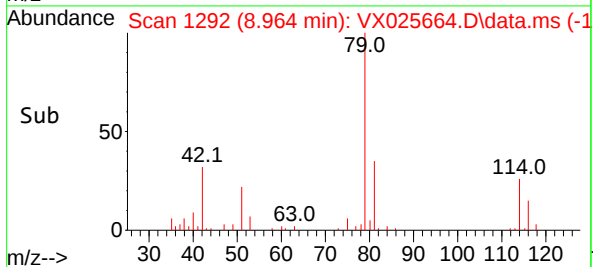
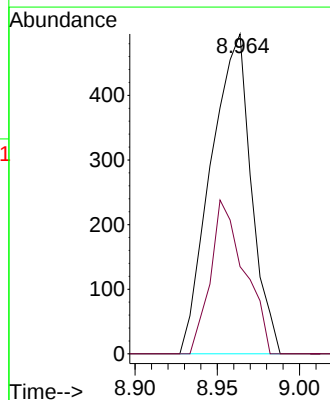
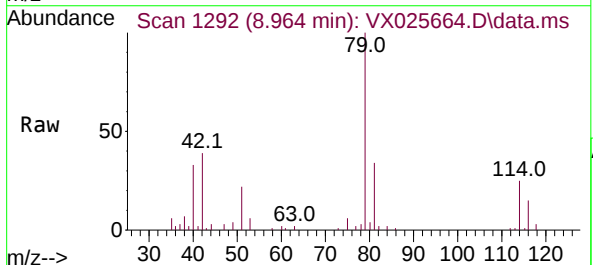
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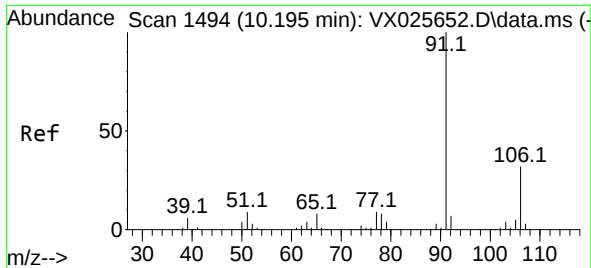
Tgt Ion: 75 Resp: 846

Ion Ratio Lower Upper

75 100

77 27.3 23.0 42.8

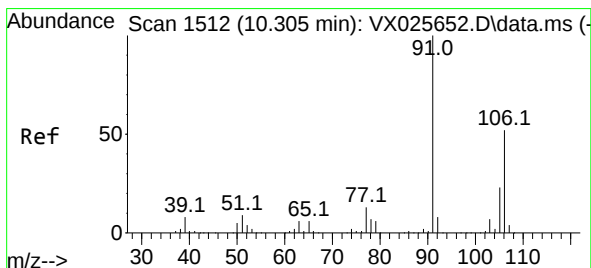
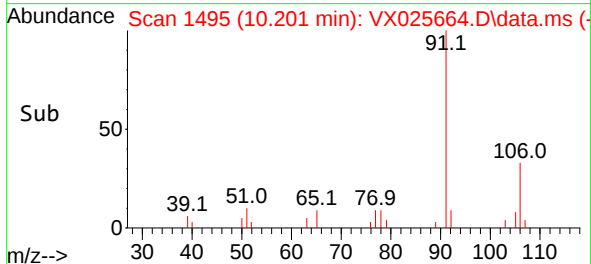
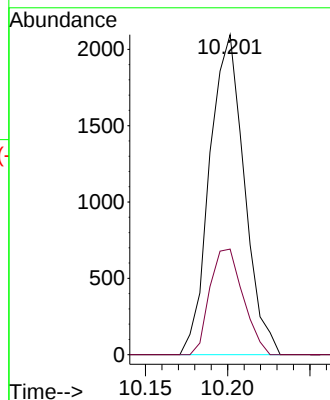
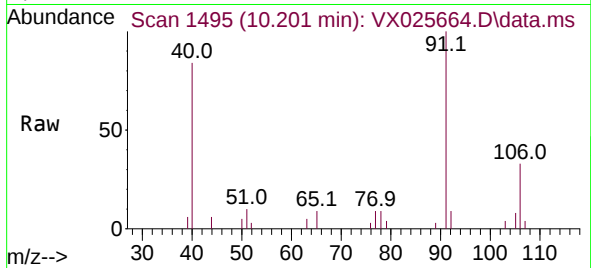




#52
Ethylbenzene
Concen: 0.891 ug/L
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX025664.D
Acq: 09 Dec 2021 16:50

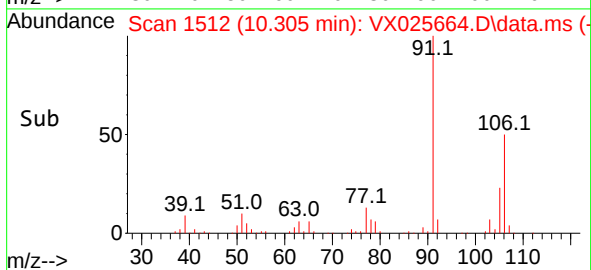
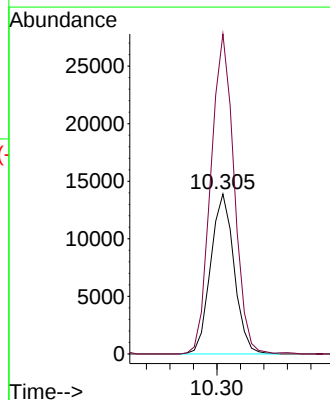
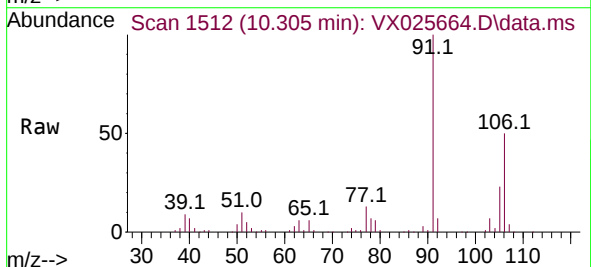
Instrument :
MSVOA_X
ClientSampleId :

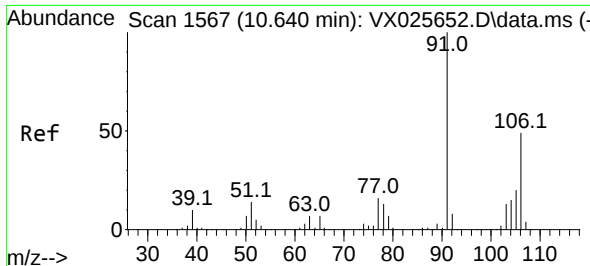
Tgt Ion: 91 Resp: 3068
Ion Ratio Lower Upper
91 100
106 33.0 23.1 42.9



#53
m,p-Xylene
Concen: 13.834 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX025664.D
Acq: 09 Dec 2021 16:50

Tgt Ion:106 Resp: 19286
Ion Ratio Lower Upper
106 100
91 200.0 136.8 254.2

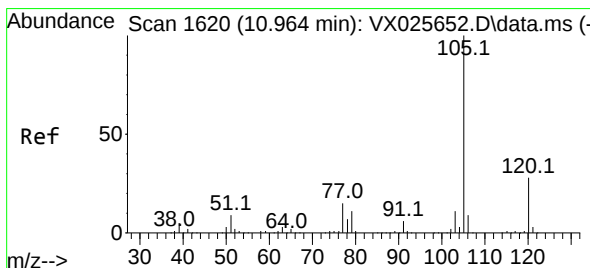
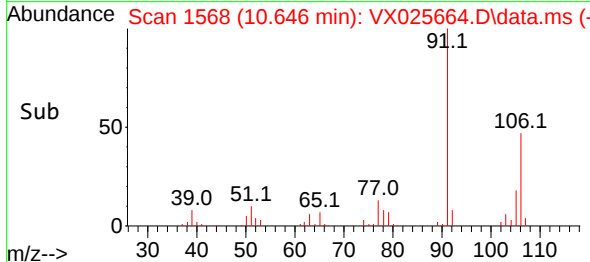
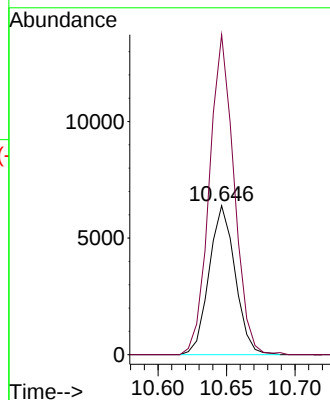
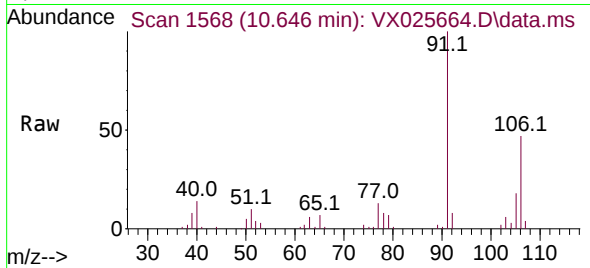




#54
o-Xylene
Concen: 6.063 ug/L
RT: 10.646 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX025664.D
Acq: 09 Dec 2021 16:50

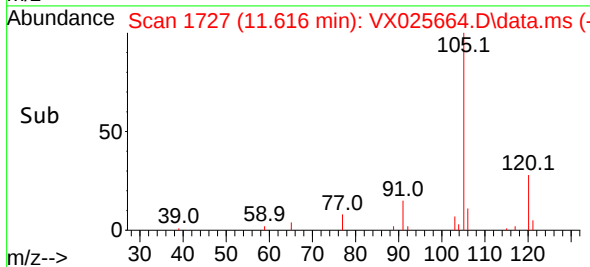
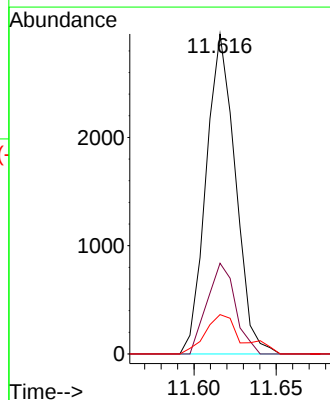
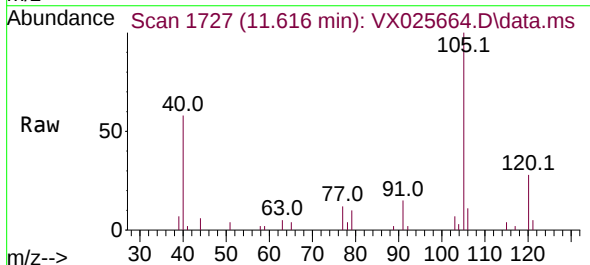
Instrument :
MSVOA_X
ClientSampleId :

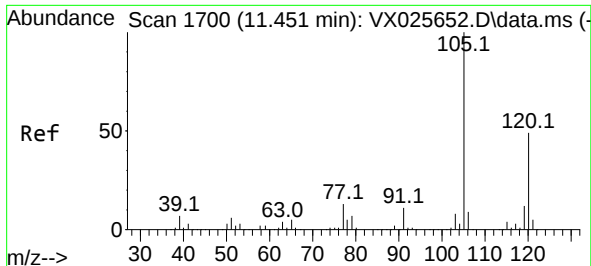
Tgt Ion:106 Resp: 8461
Ion Ratio Lower Upper
106 100
91 214.8 140.5 260.9



#60
Isopropylbenzene
Concen: 0.957 ug/L
RT: 11.616 min Scan# 1727
Delta R.T. 0.652 min
Lab File: VX025664.D
Acq: 09 Dec 2021 16:50

Tgt Ion:105 Resp: 3662
Ion Ratio Lower Upper
105 100
120 27.4 22.3 33.5
77 12.3 11.5 17.3





#62

1,3,5-Trimethylbenzene

Concen: 7.008 ug/L

RT: 11.457 min Scan# 1701

Delta R.T. 0.006 min

Lab File: VX025664.D

Acq: 09 Dec 2021 16:50

Instrument :

MSVOA_X

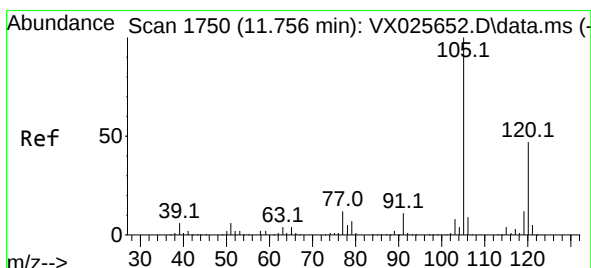
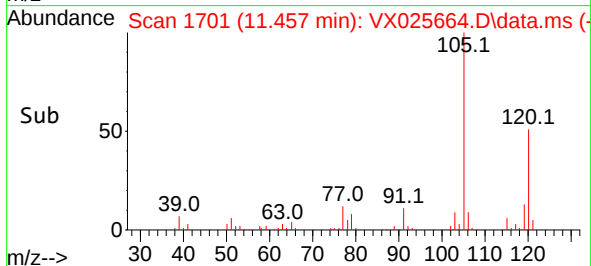
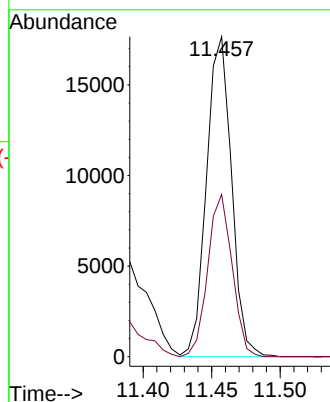
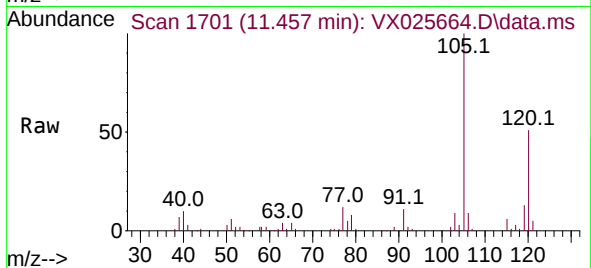
ClientSampleId :

Tgt Ion:105 Resp: 22437

Ion Ratio Lower Upper

105 100

120 49.3 41.0 61.4



#63

1,2,4-Trimethylbenzene

Concen: 18.815 ug/L

RT: 11.756 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VX025664.D

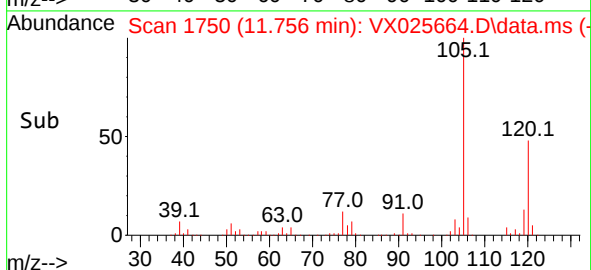
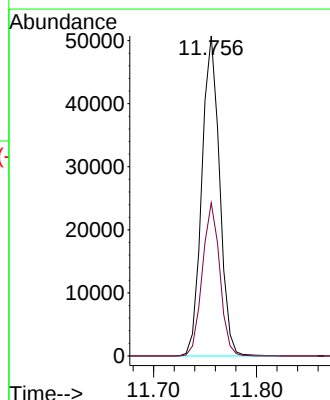
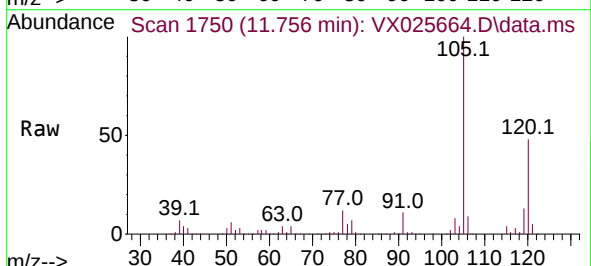
Acq: 09 Dec 2021 16:50

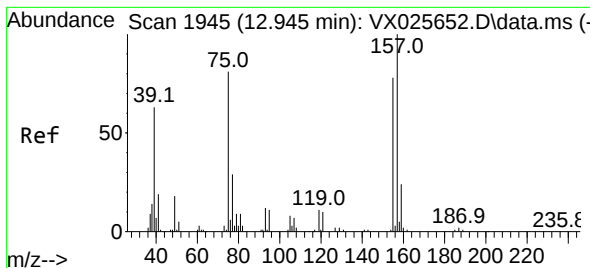
Tgt Ion:105 Resp: 60868

Ion Ratio Lower Upper

105 100

120 47.1 0.1 0.1#

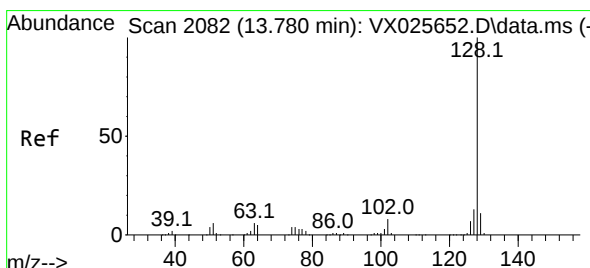
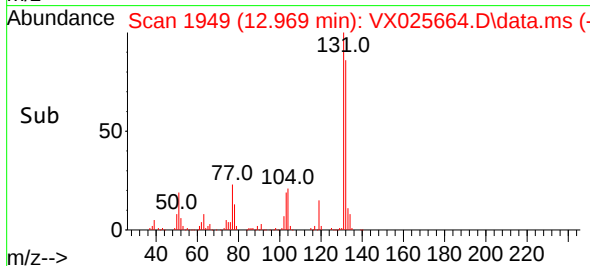
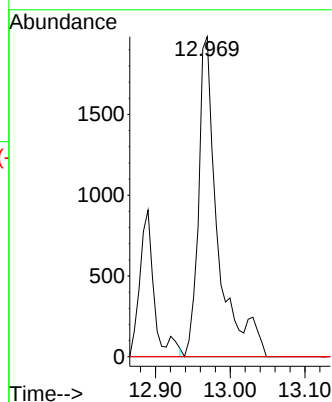
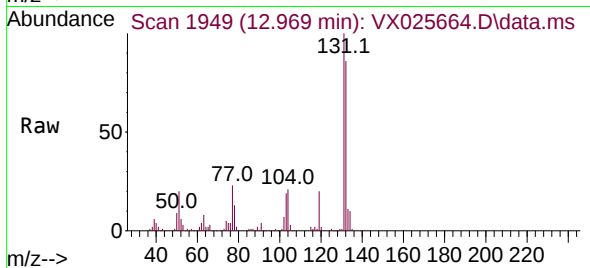




#68
1,2-Dibromo-3-chloropropane
Concen: 12.504 ug/L
RT: 12.969 min Scan# 1949
Delta R.T. 0.024 min
Lab File: VX025664.D
Acq: 09 Dec 2021 16:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 3541
Ion Ratio Lower Upper
75 100
155 0.0 79.4 119.2#
157 0.0 100.4 150.6#



#71
Naphthalene
Concen: 1367.530 ug/L
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX025664.D
Acq: 09 Dec 2021 16:50

Tgt Ion:128 Resp: 4982370
Ion Ratio Lower Upper
128 100
127 14.8 10.1 15.1
129 12.7 8.7 13.1

