

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122521\
 Data File : VX026040.D
 Acq On : 25 Dec 2021 17:40
 Operator : JC/MD
 Sample : M5213-03 10X
 Misc : 5.02G/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 27 05:16:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 23 21:00:32 2021
 Response via : Initial Calibration

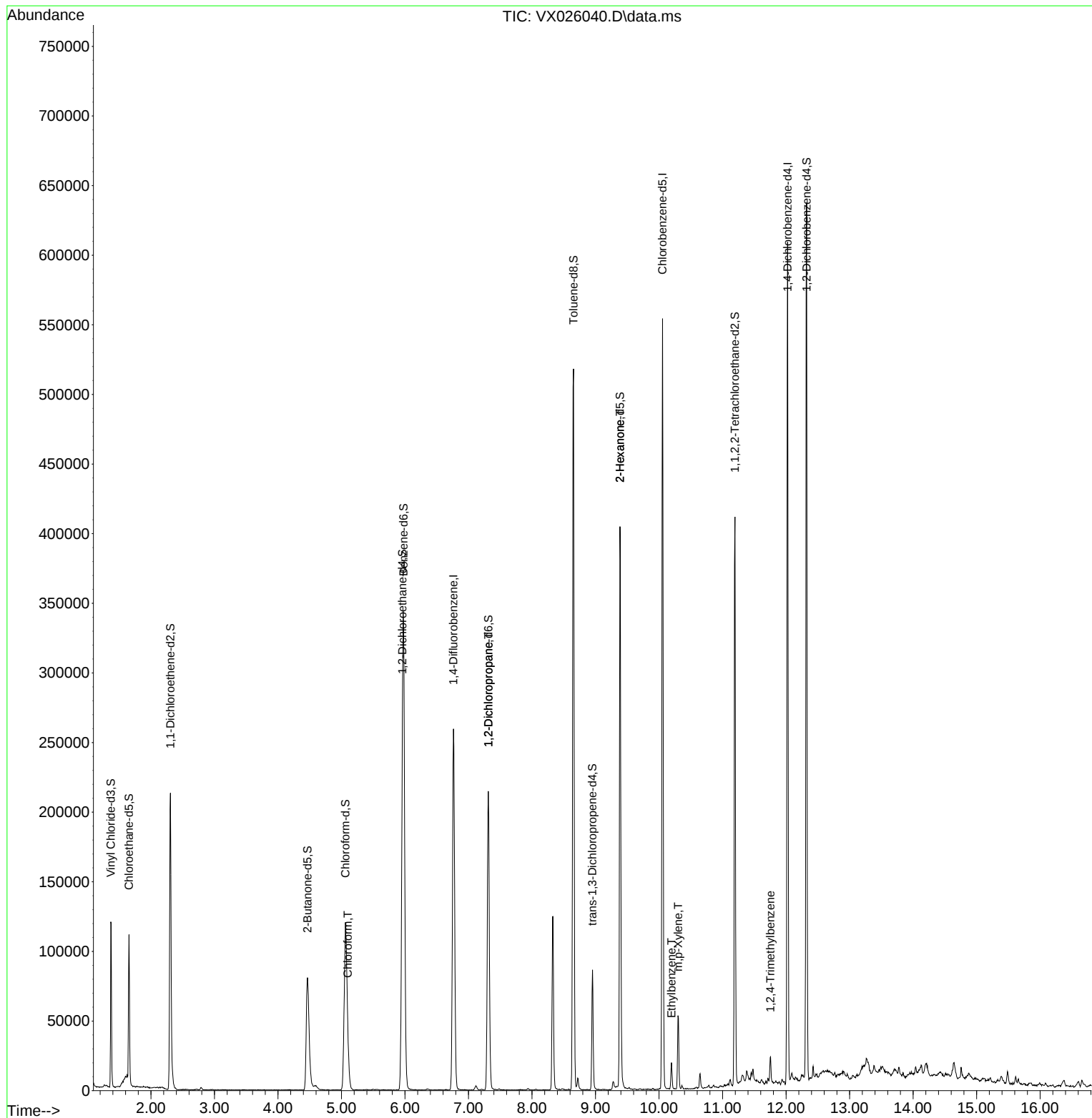
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	257863	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	235840	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	118826	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	75737	41.418	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.840%
7) Chloroethane-d5	1.654	69	65410	44.760	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.520%
11) 1,1-Dichloroethene-d2	2.306	63	118861	32.801	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.600%
21) 2-Butanone-d5	4.464	46	137245	86.569	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.570%
24) Chloroform-d	5.062	84	136650	37.342	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	74.680%
26) 1,2-Dichloroethane-d4	5.958	65	112471	45.395	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.780%
32) Benzene-d6	5.976	84	331545	48.841	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.680%
36) 1,2-Dichloropropane-d6	7.312	67	104863	49.696	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.400%
41) Toluene-d8	8.653	98	301210	47.524	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.040%
43) trans-1,3-Dichloroprop...	8.951	79	37091	40.402	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.800%
47) 2-Hexanone-d5	9.384	63	115076	105.669	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.670%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	151133	48.574	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.140%
66) 1,2-Dichlorobenzene-d4	12.323	152	119745	53.328	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.660%
Target Compounds						
25) Chloroform	5.098	83	26000	7.161	ug/L	98
37) 1,2-Dichloropropane	7.312	63	11925	6.273	ug/L #	85
48) 2-Hexanone	9.384	43	14581	5.999	ug/L #	66
52) Ethylbenzene	10.195	91	10021	1.159	ug/L	97
53) m,p-Xylene	10.299	106	11926	3.612	ug/L	95
63) 1,2,4-Trimethylbenzene	11.756	105	7316	1.068	ug/L #	80

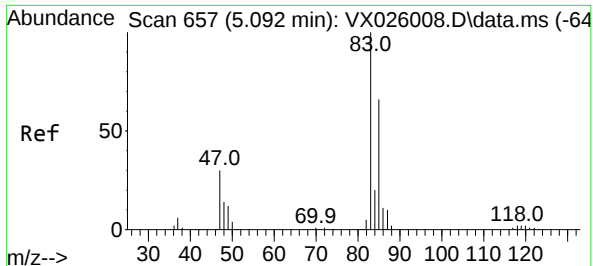
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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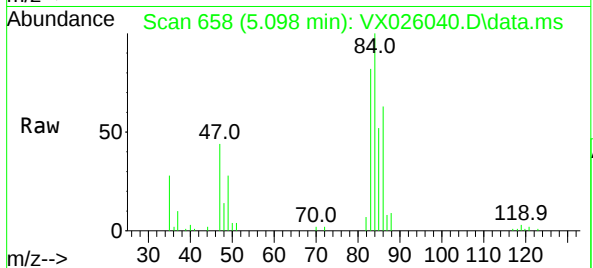
Quant Time: Dec 27 05:16:20 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM122321WMA.M
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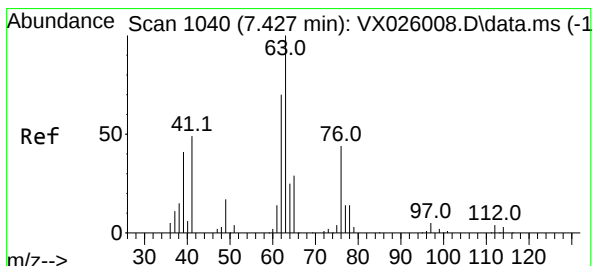
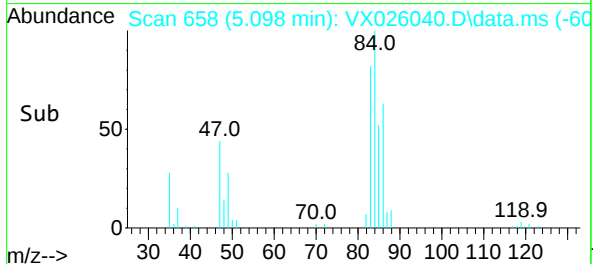
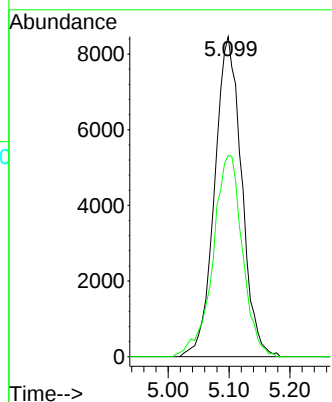


#25
Chloroform
Concen: 7.161 ug/L
RT: 5.098 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX026040.D
Acq: 25 Dec 2021 17:40

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ClientSampleId :

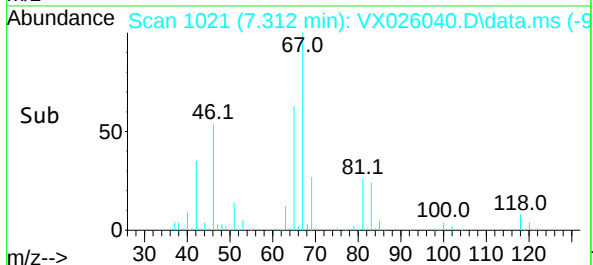
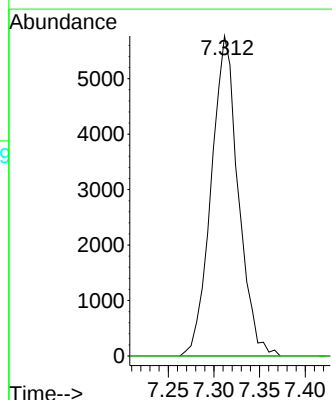
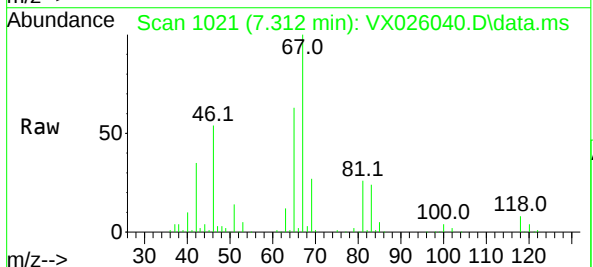


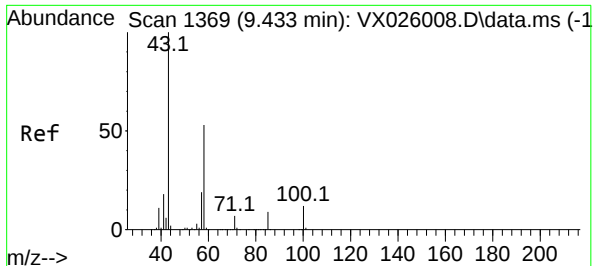
Tgt Ion: 83 Resp: 26000
Ion Ratio Lower Upper
83 100
85 62.8 44.9 83.5



#37
1,2-Dichloropropane
Concen: 6.273 ug/L
RT: 7.312 min Scan# 1021
Delta R.T. -0.122 min
Lab File: VX026040.D
Acq: 25 Dec 2021 17:40

Tgt Ion: 63 Resp: 11925
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#

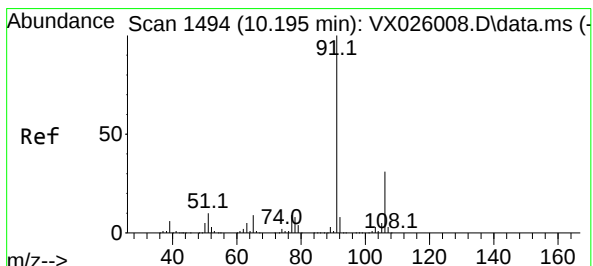
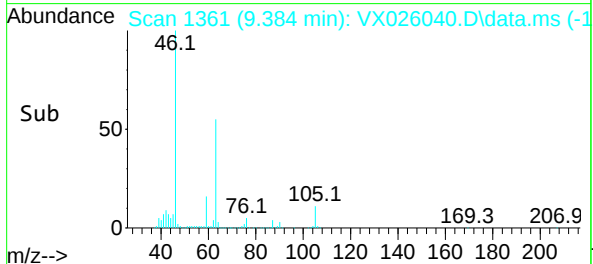
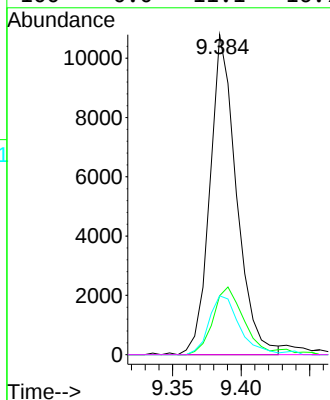
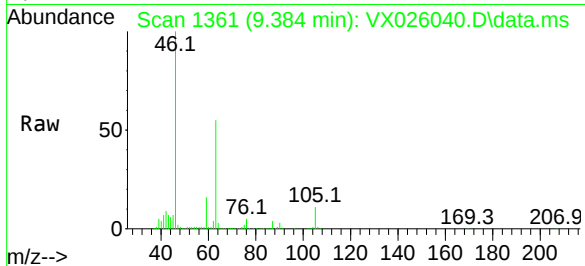




#48
2-Hexanone
Concen: 5.999 ug/L
RT: 9.384 min Scan# 11
Delta R.T. -0.049 min
Lab File: VX026040.D
Acq: 25 Dec 2021 17:40

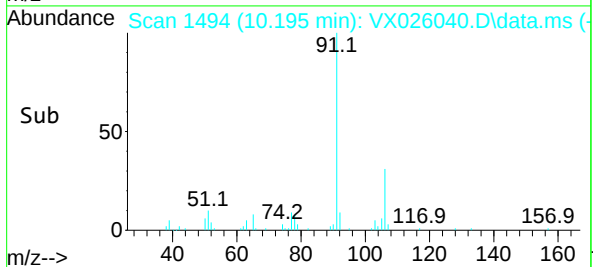
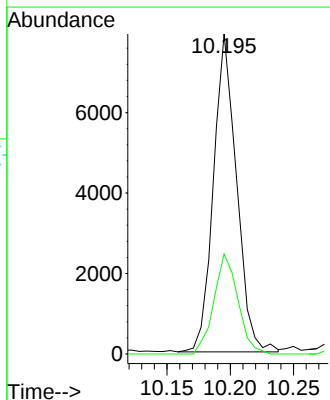
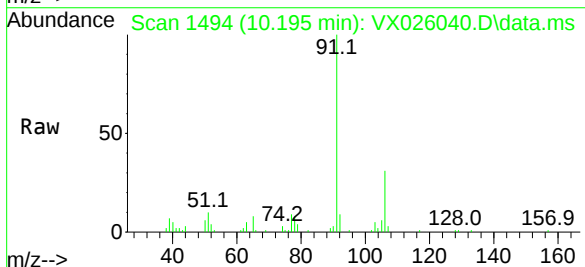
Instrument :
MSVOA_X
ClientSampleId :

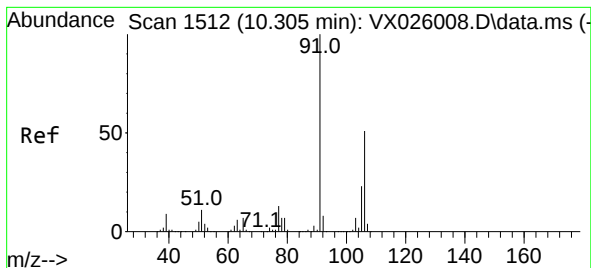
Tgt Ion: 43 Resp: 14581
Ion Ratio Lower Upper
43 100
58 24.0 44.2 66.4#
57 21.0 15.1 22.7
100 0.0 11.1 16.7#



#52
Ethylbenzene
Concen: 1.159 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX026040.D
Acq: 25 Dec 2021 17:40

Tgt Ion: 91 Resp: 10021
Ion Ratio Lower Upper
91 100
106 31.3 23.1 42.9





#53

m,p-Xylene

Concen: 3.612 ug/L

RT: 10.299 min Scan# 1511

Delta R.T. -0.006 min

Lab File: VX026040.D

Acq: 25 Dec 2021 17:40

Instrument :

MSVOA_X

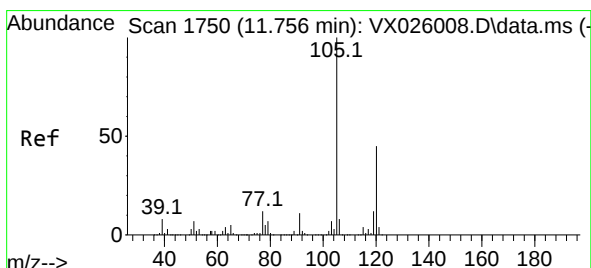
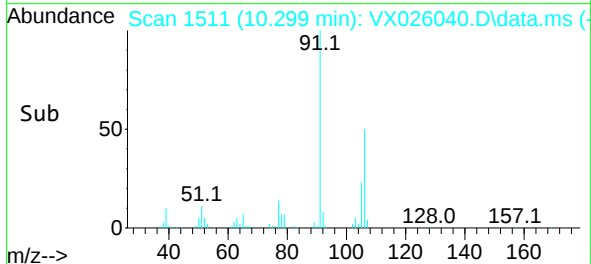
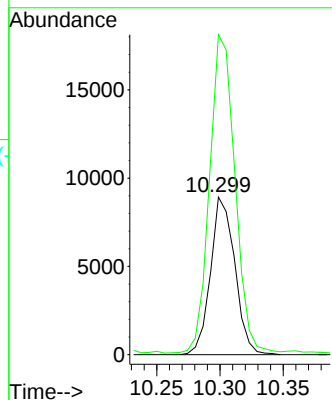
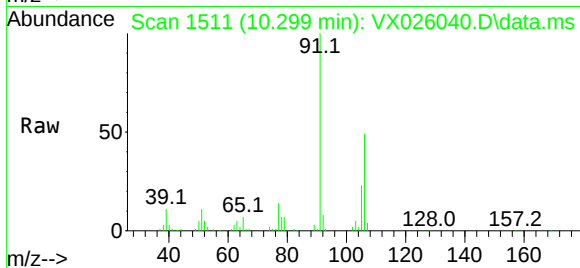
ClientSampleId :

Tgt Ion:106 Resp: 11926

Ion Ratio Lower Upper

106 100

91 203.0 136.8 254.2



#63

1,2,4-Trimethylbenzene

Concen: 1.068 ug/L

RT: 11.756 min Scan# 1750

Delta R.T. -0.000 min

Lab File: VX026040.D

Acq: 25 Dec 2021 17:40

Tgt Ion:105 Resp: 7316

Ion Ratio Lower Upper

105 100

120 48.2 0.1 0.1#

