

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120721\
 Data File : VX025573.D
 Acq On : 07 Dec 2021 12:47
 Operator : JC/MD
 Sample : M4881-09ME
 Misc : 4.25g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 08 05:33:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML112221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 08 05:26:42 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	91782	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	82792	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	41936	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	25409	40.565	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.140%
7) Chloroethane-d5	1.648	69	13816	26.725	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	53.460%#
11) 1,1-Dichloroethene-d2	2.276	63	38201	38.250	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.500%
21) 2-Butanone-d5	4.495	46	43361	92.996	ug/L	0.04
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.000%
24) Chloroform-d	5.062	84	53006	48.420	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.840%
26) 1,2-Dichloroethane-d4	5.958	65	35617	52.198	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.400%
32) Benzene-d6	5.970	84	115486	52.631	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.260%
36) 1,2-Dichloropropane-d6	7.312	67	34613	50.949	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.900%
41) Toluene-d8	8.653	98	104764	50.583	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.160%
43) trans-1,3-Dichloroprop...	8.958	79	12195	35.704	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.400%
47) 2-Hexanone-d5	9.403	63	30482	86.196	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.200%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	46441	48.369	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.740%
66) 1,2-Dichlorobenzene-d4	12.323	152	42764	51.992	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.980%
Target Compounds						
					Qvalue	
13) Acetone	2.422	43	1537	4.009	ug/L	65
15) Methyl Acetate	2.752	43	2797	4.514	ug/L #	100
29) Cyclohexane	5.464	56	6752	7.960	ug/L	97
33) Benzene	6.037	78	2187	0.989	ug/L	100
35) Methylcyclohexane	7.379	83	26361	28.790	ug/L	98
39) cis-1,3-Dichloropropene	8.330	75	920	1.018	ug/L #	66
42) Toluene	8.720	91	18154	7.443	ug/L	98
44) trans-1,3-Dichloropropene	8.952	75	602	0.693	ug/L #	67
45) 1,1,2-Trichloroethane	9.104	97	1266	2.150	ug/L #	18
52) Ethylbenzene	10.201	91	6686	2.550	ug/L	93
53) m,p-Xylene	10.305	106	14424	13.584	ug/L	97
54) o-Xylene	10.646	106	9615	9.046	ug/L	97
60) Isopropylbenzene	10.963	105	3770	1.399	ug/L	96
62) 1,3,5-Trimethylbenzene	11.457	105	2951	1.309	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	10929	4.799	ug/L #	80
71) Naphthalene	13.780	128	24358	9.496	ug/L	99

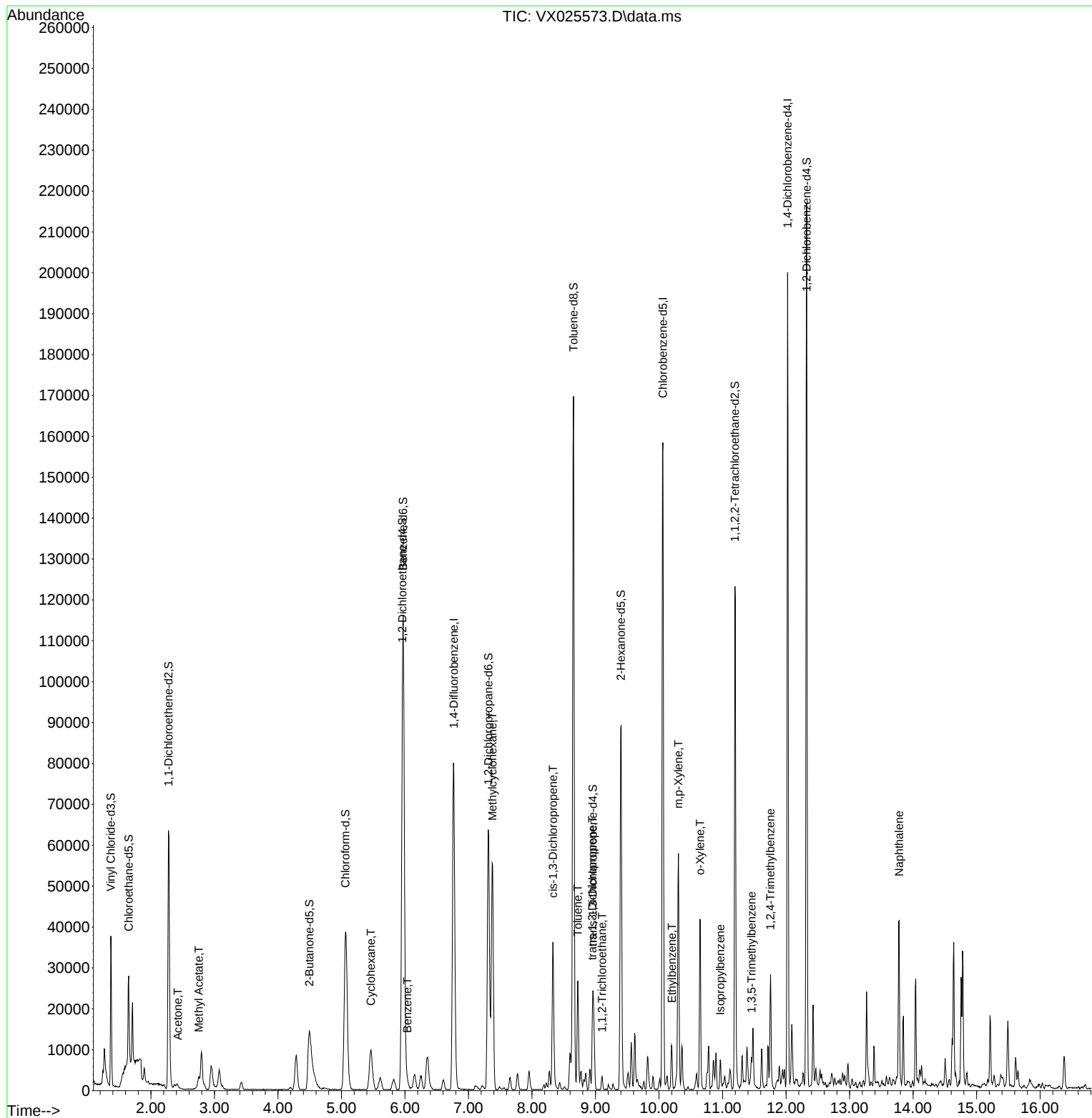
(#) = qualifier out of range (m) = manual integration (+) = signals summed

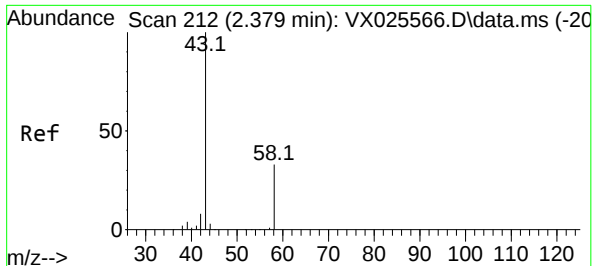
Instrument :
MSVOA_X
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120721\
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Quant Title : VOC Analysis
QLast Update : Wed Dec 08 05:26:42 2021
Response via : Initial Calibration

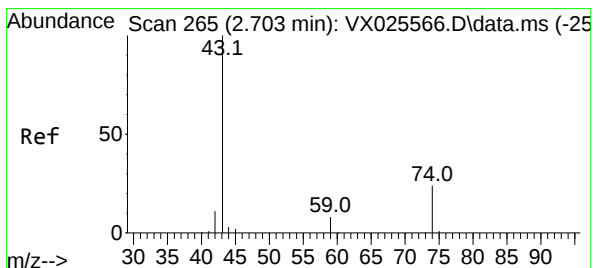
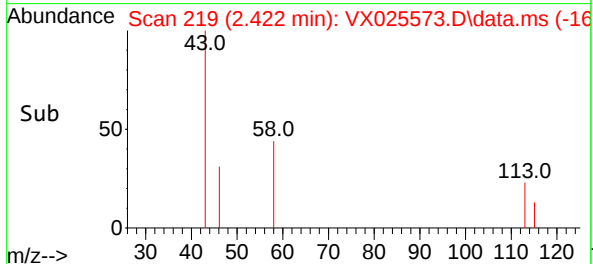
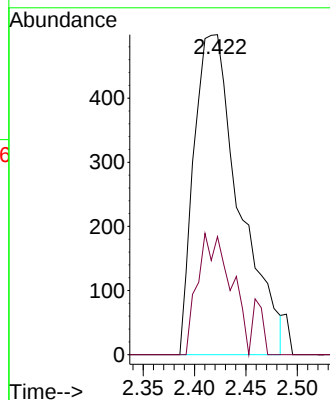
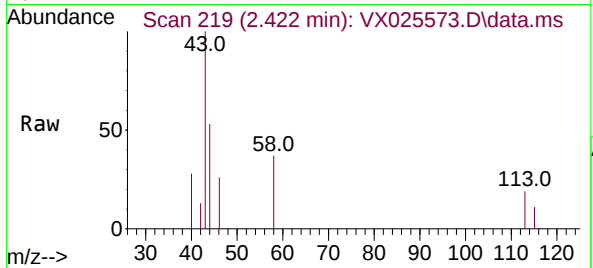




#13
Acetone
Concen: 4.009 ug/L
RT: 2.422 min Scan# 21
Delta R.T. 0.043 min
Lab File: VX025573.D
Acq: 07 Dec 2021 12:47

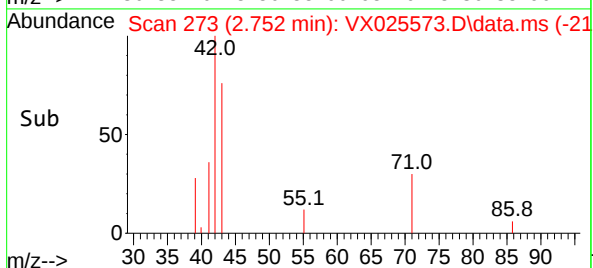
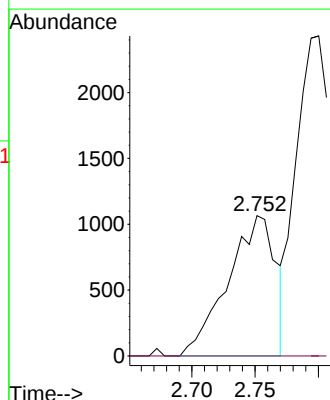
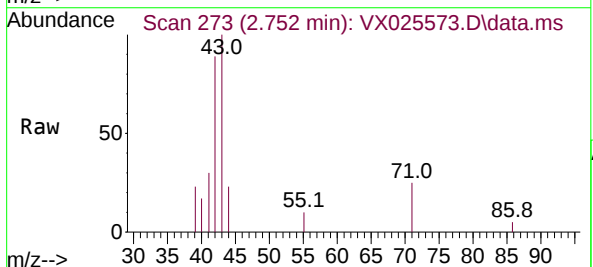
Instrument :
MSVOA_X
ClientSampleId :

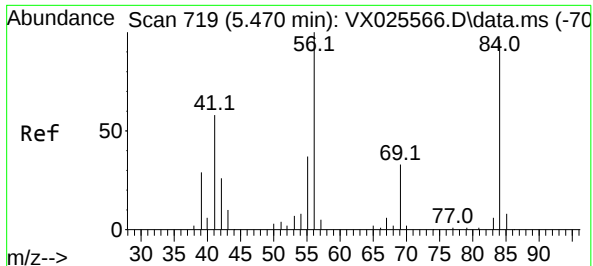
Tgt Ion: 43 Resp: 1537
Ion Ratio Lower Upper
43 100
58 12.9 0.0 65.6



#15
Methyl Acetate
Concen: 4.514 ug/L
RT: 2.752 min Scan# 273
Delta R.T. 0.049 min
Lab File: VX025573.D
Acq: 07 Dec 2021 12:47

Tgt Ion: 43 Resp: 2797
Ion Ratio Lower Upper
43 100
74 0.0 0.1 0.1#





#29

Cyclohexane

Concen: 7.960 ug/L

RT: 5.464 min Scan# 718

Delta R.T. -0.006 min

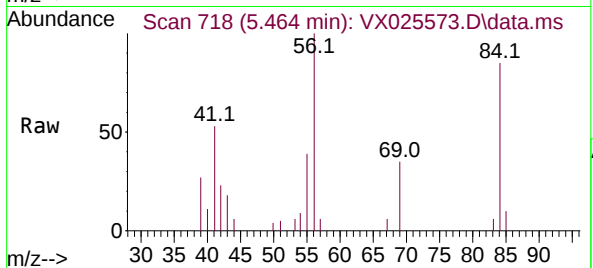
Lab File: VX025573.D

Acq: 07 Dec 2021 12:47

Instrument :

MSVOA_X

ClientSampleId :



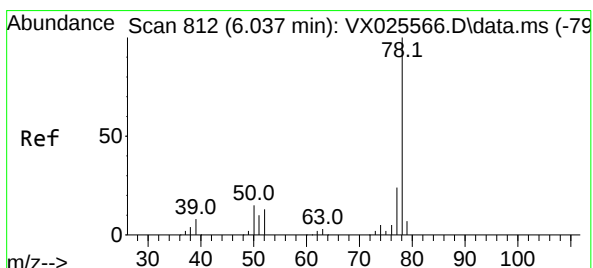
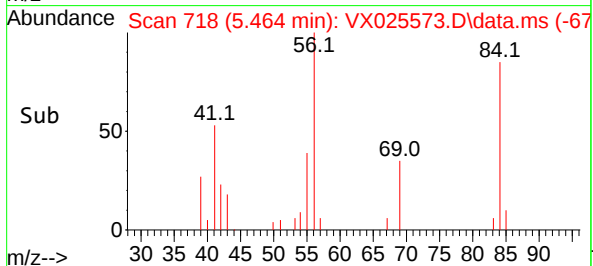
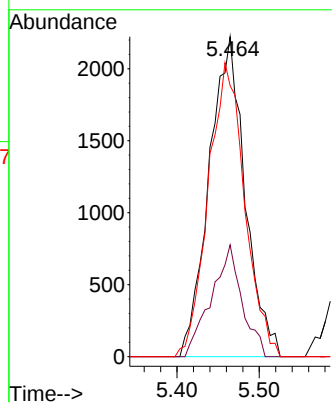
Tgt Ion: 56 Resp: 6752

Ion Ratio Lower Upper

56 100

69 29.7 25.4 38.2

84 92.8 76.6 114.8



#33

Benzene

Concen: 0.989 ug/L

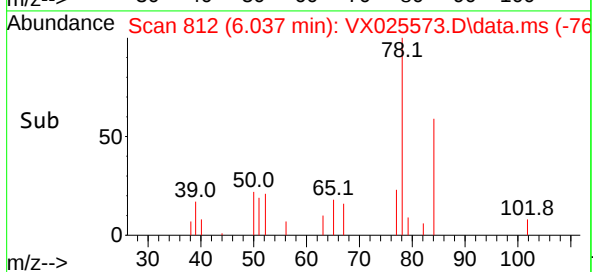
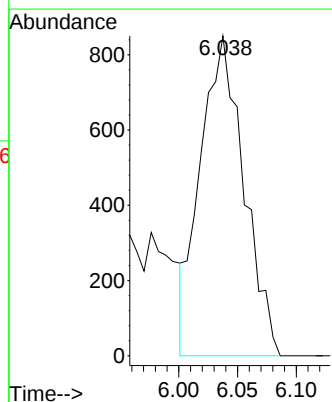
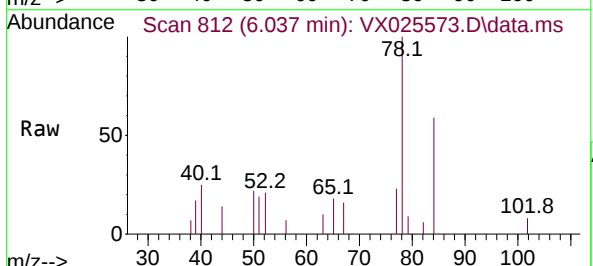
RT: 6.037 min Scan# 812

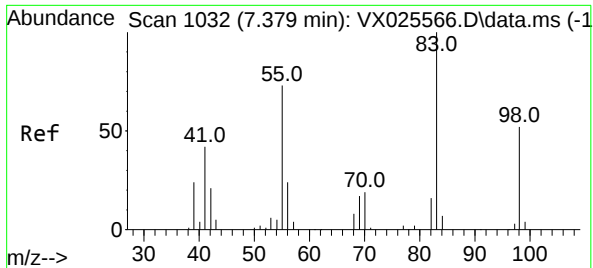
Delta R.T. 0.000 min

Lab File: VX025573.D

Acq: 07 Dec 2021 12:47

Tgt Ion: 78 Resp: 2187

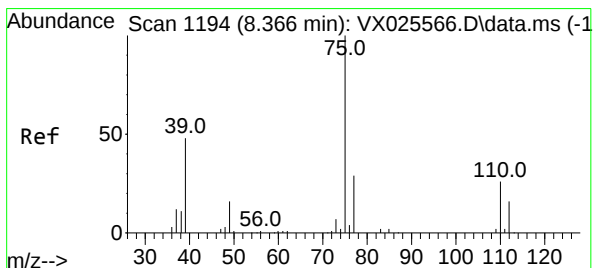
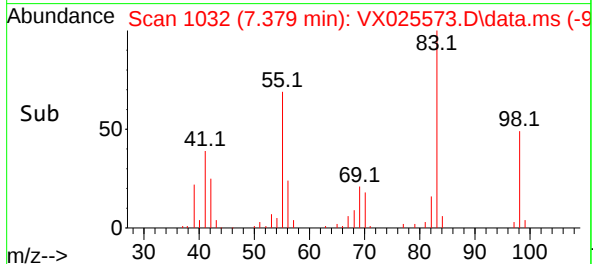
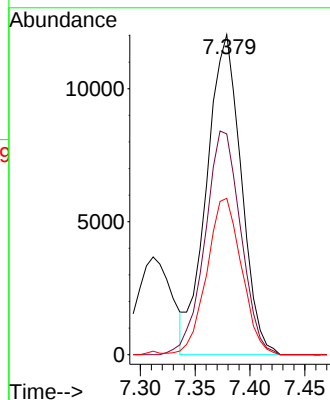
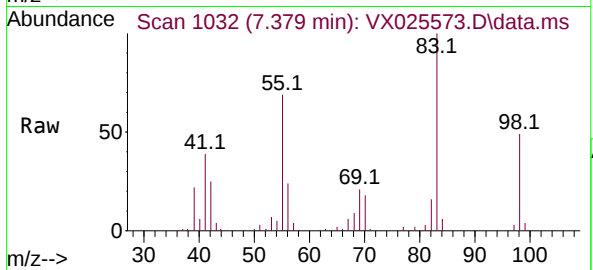




#35
Methylcyclohexane
Concen: 28.790 ug/L
RT: 7.379 min Scan# 1188
Delta R.T. 0.000 min
Lab File: VX025573.D
Acq: 07 Dec 2021 12:47

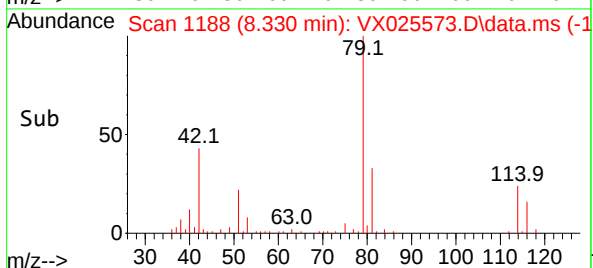
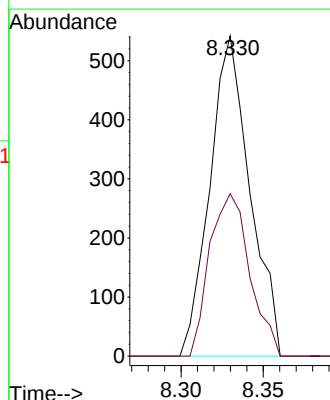
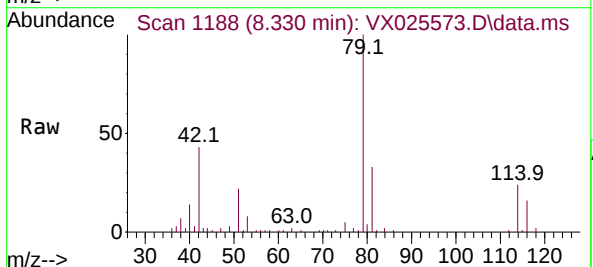
Instrument :
MSVOA_X
ClientSampleId :

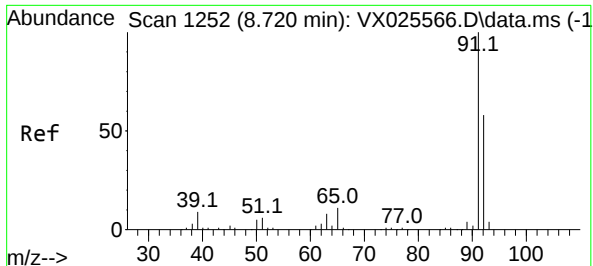
Tgt Ion: 83 Resp: 26361
Ion Ratio Lower Upper
83 100
55 72.3 57.3 85.9
98 49.2 41.1 61.7



#39
cis-1,3-Dichloropropene
Concen: 1.018 ug/L
RT: 8.330 min Scan# 1188
Delta R.T. -0.036 min
Lab File: VX025573.D
Acq: 07 Dec 2021 12:47

Tgt Ion: 75 Resp: 920
Ion Ratio Lower Upper
75 100
77 50.7 22.3 41.3#





#42

Toluene

Concen: 7.443 ug/L

RT: 8.720 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX025573.D

Acq: 07 Dec 2021 12:47

Instrument :

MSVOA_X

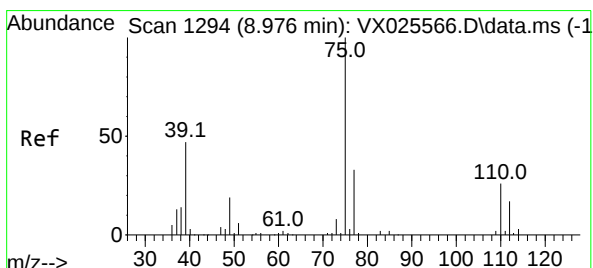
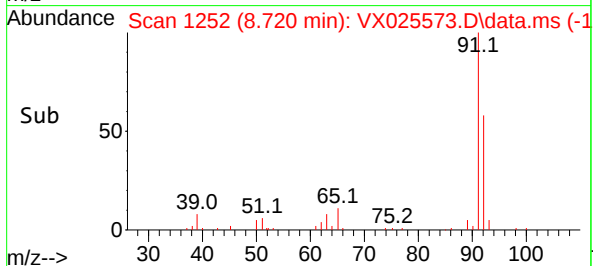
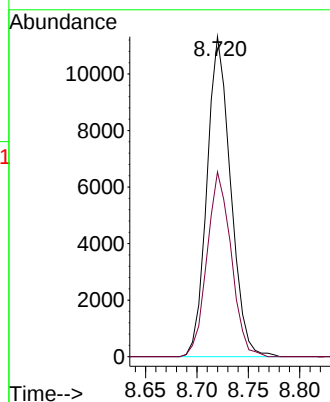
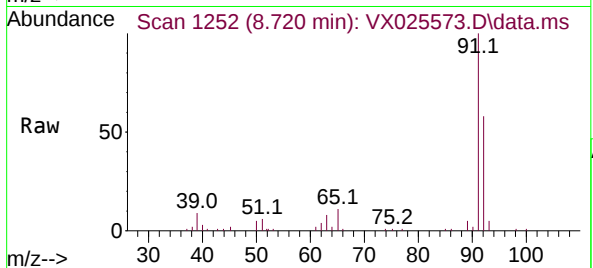
ClientSampleId :

Tgt Ion: 91 Resp: 18154

Ion Ratio Lower Upper

91 100

92 57.8 41.2 76.6



#44

trans-1,3-Dichloropropene

Concen: 0.693 ug/L

RT: 8.952 min Scan# 1290

Delta R.T. -0.024 min

Lab File: VX025573.D

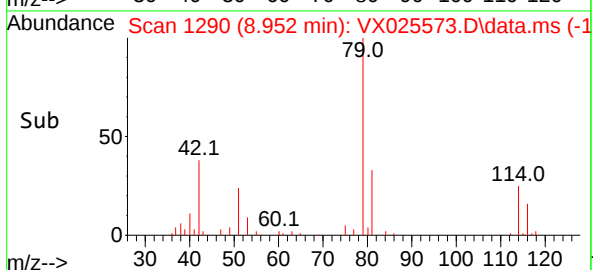
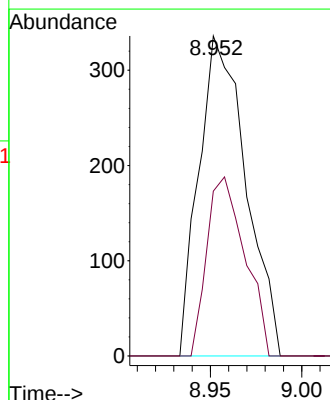
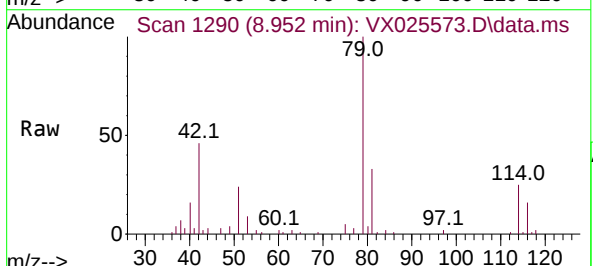
Acq: 07 Dec 2021 12:47

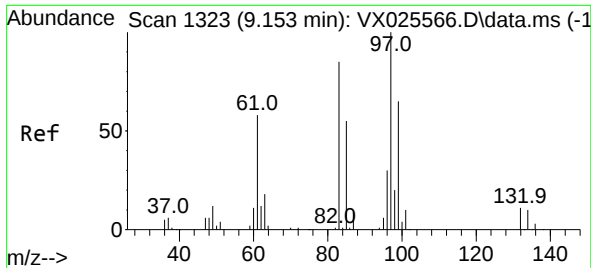
Tgt Ion: 75 Resp: 602

Ion Ratio Lower Upper

75 100

77 51.5 23.0 42.8#





#45

1,1,2-Trichloroethane

Concen: 2.150 ug/L

RT: 9.104 min Scan# 1

Delta R.T. -0.049 min

Lab File: VX025573.D

Acq: 07 Dec 2021 12:47

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 97 Resp: 1266

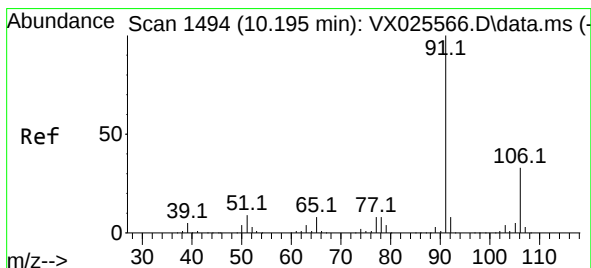
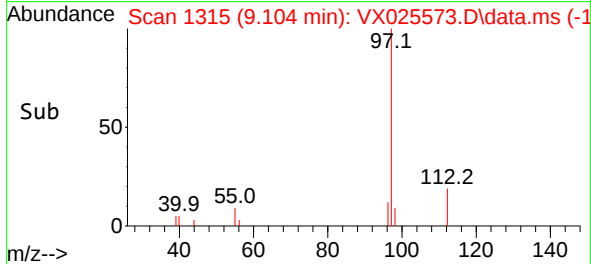
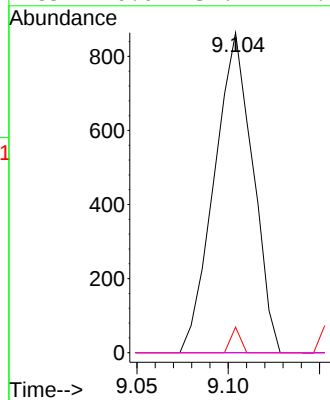
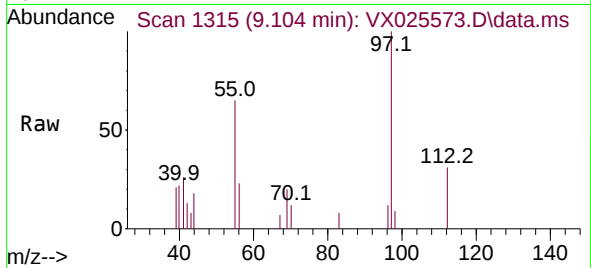
Ion Ratio Lower Upper

97 100

99 0.0 46.0 85.4#

83 8.0 59.6 110.8#

85 0.0 39.1 72.7#



#52

Ethylbenzene

Concen: 2.550 ug/L

RT: 10.201 min Scan# 1495

Delta R.T. 0.006 min

Lab File: VX025573.D

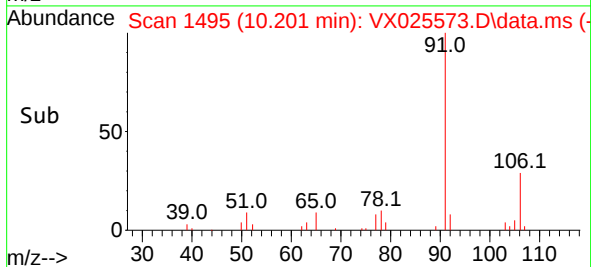
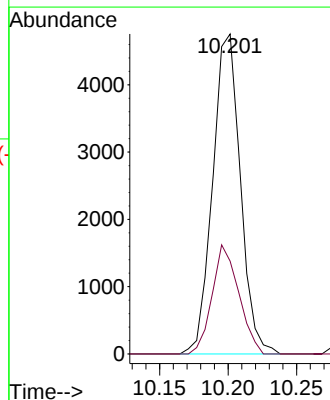
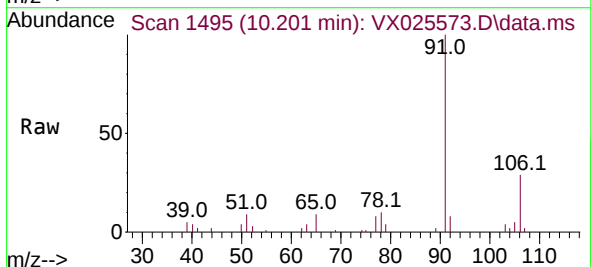
Acq: 07 Dec 2021 12:47

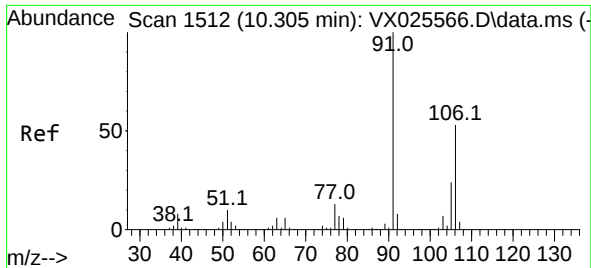
Tgt Ion: 91 Resp: 6686

Ion Ratio Lower Upper

91 100

106 29.0 23.1 42.9

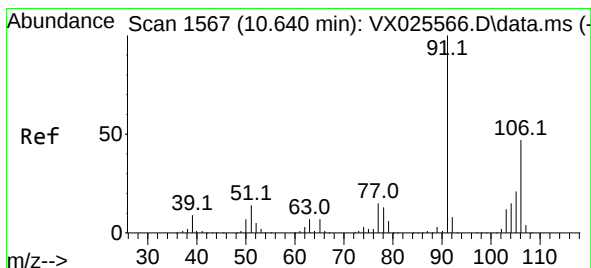
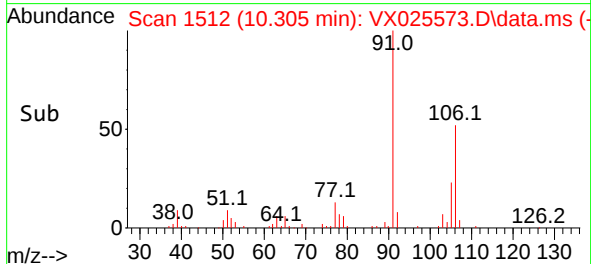
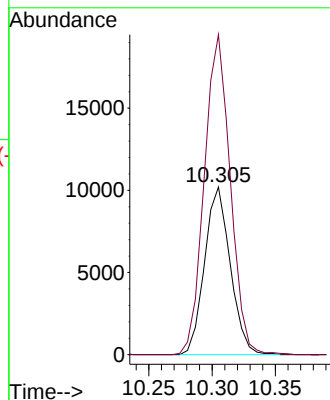
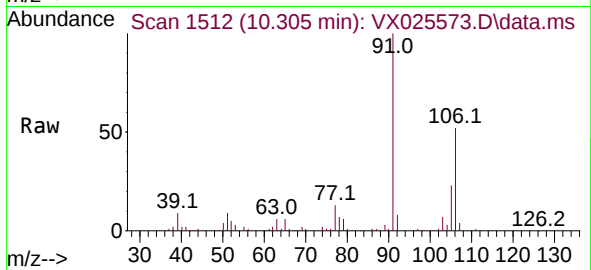




#53
m,p-Xylene
Concen: 13.584 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX025573.D
Acq: 07 Dec 2021 12:47

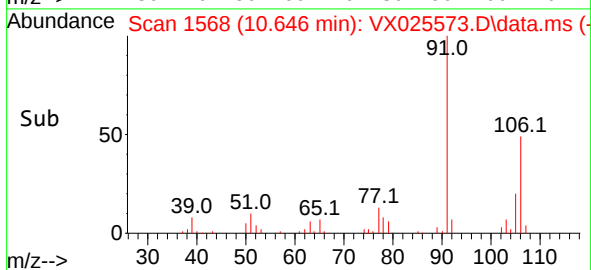
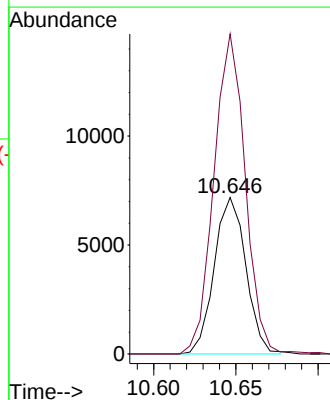
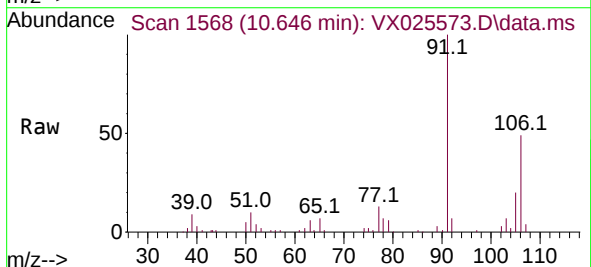
Instrument :
MSVOA_X
ClientSampleId :

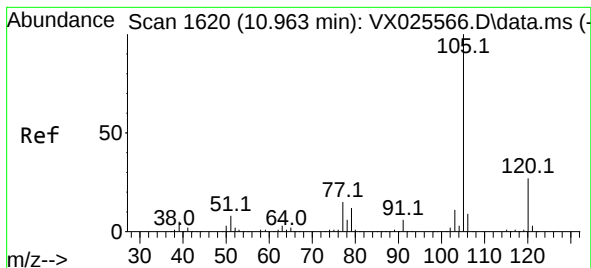
Tgt Ion:106 Resp: 14424
Ion Ratio Lower Upper
106 100
91 190.9 136.8 254.2



#54
o-Xylene
Concen: 9.046 ug/L
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX025573.D
Acq: 07 Dec 2021 12:47

Tgt Ion:106 Resp: 9615
Ion Ratio Lower Upper
106 100
91 204.5 140.5 260.9





#60

Isopropylbenzene

Concen: 1.399 ug/L

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX025573.D

Acq: 07 Dec 2021 12:47

Instrument :

MSVOA_X

ClientSampleId :

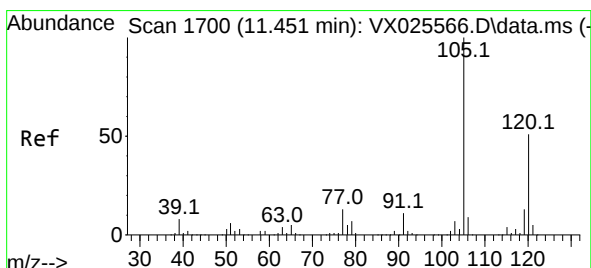
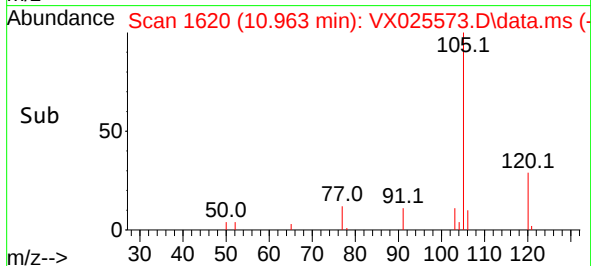
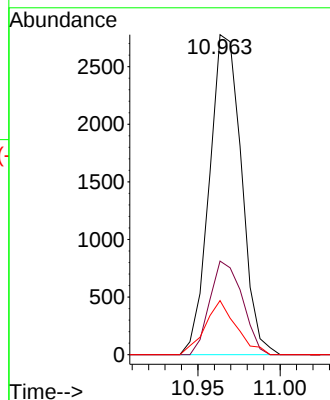
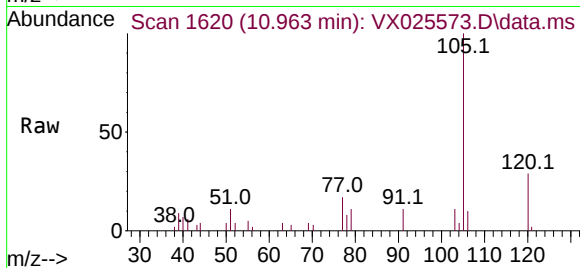
Tgt Ion:105 Resp: 3770

Ion Ratio Lower Upper

105 100

120 29.6 22.3 33.5

77 16.5 11.5 17.3



#62

1,3,5-Trimethylbenzene

Concen: 1.309 ug/L

RT: 11.457 min Scan# 1701

Delta R.T. 0.006 min

Lab File: VX025573.D

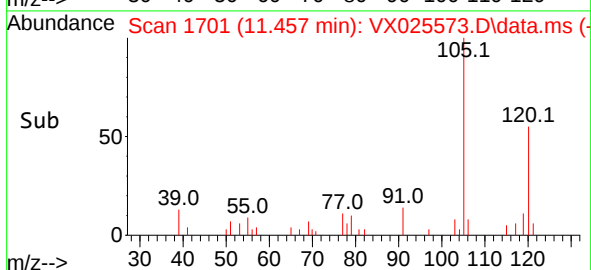
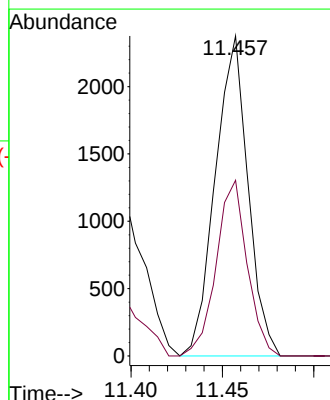
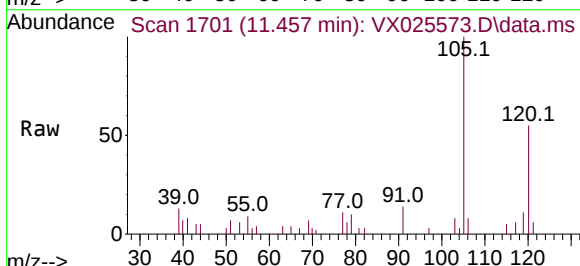
Acq: 07 Dec 2021 12:47

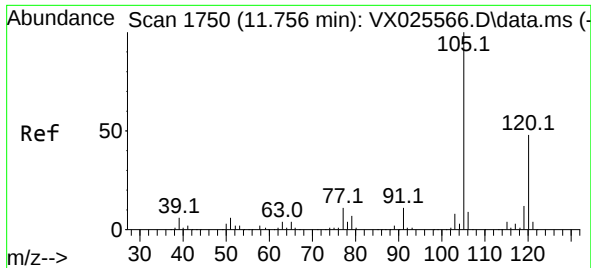
Tgt Ion:105 Resp: 2951

Ion Ratio Lower Upper

105 100

120 52.2 41.0 61.4

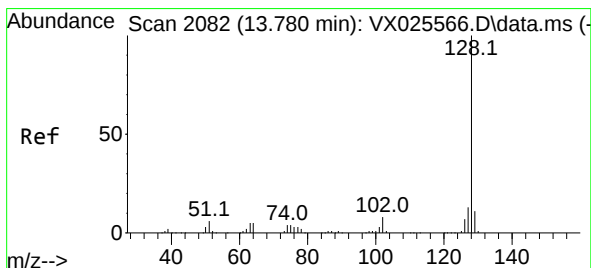
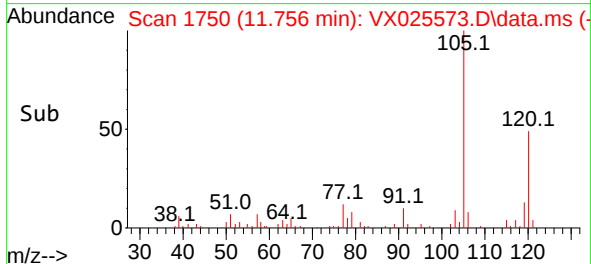
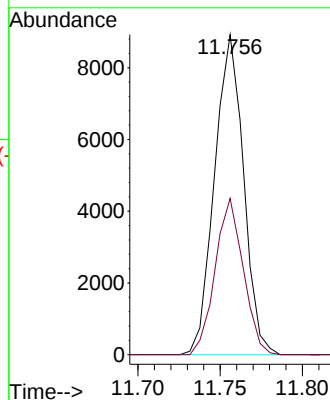
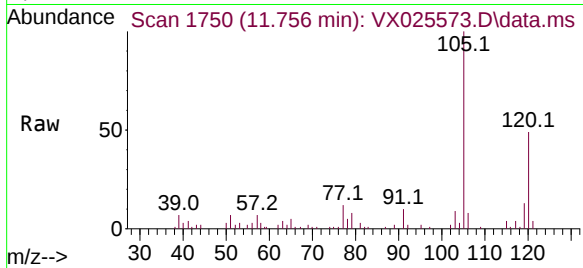




#63
1,2,4-Trimethylbenzene
Concen: 4.799 ug/L
RT: 11.756 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX025573.D
Acq: 07 Dec 2021 12:47

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:105 Resp: 10929
Ion Ratio Lower Upper
105 100
120 47.3 0.1 0.1#



#71
Naphthalene
Concen: 9.496 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX025573.D
Acq: 07 Dec 2021 12:47

Tgt Ion:128 Resp: 24358
Ion Ratio Lower Upper
128 100
127 12.9 10.1 15.1
129 10.8 8.7 13.1

