

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100721\
 Data File : VX024650.D
 Acq On : 07 Oct 2021 17:00
 Operator : JC/MD
 Sample : M4000-18ME
 Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EW911ME

Quant Time: Oct 07 23:09:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML100721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 07 23:05:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	220188	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	194000	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	98678	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	58676	43.039	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.080%
7) Chloroethane-d5	1.648	69	24140	26.899	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	53.800%#
11) 1,1-Dichloroethene-d2	2.269	63	88890	33.209	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.420%
21) 2-Butanone-d5	4.513	46	77791	69.406	ug/L	0.05
Spiked Amount	100.000	Range	40 - 130	Recovery	=	69.410%
24) Chloroform-d	5.068	84	132371	47.942	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.880%
26) 1,2-Dichloroethane-d4	5.964	65	100712	51.574	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.140%
32) Benzene-d6	5.970	84	275119	50.342	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.680%
36) 1,2-Dichloropropane-d6	7.311	67	85043	49.754	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.500%
41) Toluene-d8	8.652	98	244943	46.004	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.000%
43) trans-1,3-Dichloroprop...	8.957	79	35879	42.363	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.720%
47) 2-Hexanone-d5	9.402	63	78437	97.748	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.750%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	114240	48.529	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.060%
66) 1,2-Dichlorobenzene-d4	12.323	152	99310	51.436	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.880%
Target Compounds						Qvalue
6) Bromomethane	1.599	94	826	0.934	ug/L	97
12) 1,1-Dichloroethene	2.269	96	928	0.734	ug/L #	1
15) Methyl Acetate	2.733	43	4480	2.538	ug/L #	81
16) Methylene chloride	2.782	84	2298	1.510	ug/L	91
34) Trichloroethene	7.128	95	39112	23.704	ug/L	92
35) Methylcyclohexane	7.378	83	12351	4.708	ug/L	94
39) cis-1,3-Dichloropropene	8.329	75	2609	1.102	ug/L	87
42) Toluene	8.720	91	14252	2.130	ug/L	92
44) trans-1,3-Dichloropropene	8.957	75	1982	0.857	ug/L	88
52) Ethylbenzene	10.195	91	5421	0.787	ug/L	99
53) m,p-Xylene	10.305	106	7837	2.912	ug/L	89
54) o-Xylene	10.646	106	4420	1.644	ug/L	94
60) Isopropylbenzene	11.384	105	5541	0.815	ug/L	98
62) 1,3,5-Trimethylbenzene	11.457	105	4135	0.693	ug/L	98
63) 1,2,4-Trimethylbenzene	11.756	105	12786	2.191	ug/L	96
71) Naphthalene	13.780	128	22242	3.460	ug/L	99

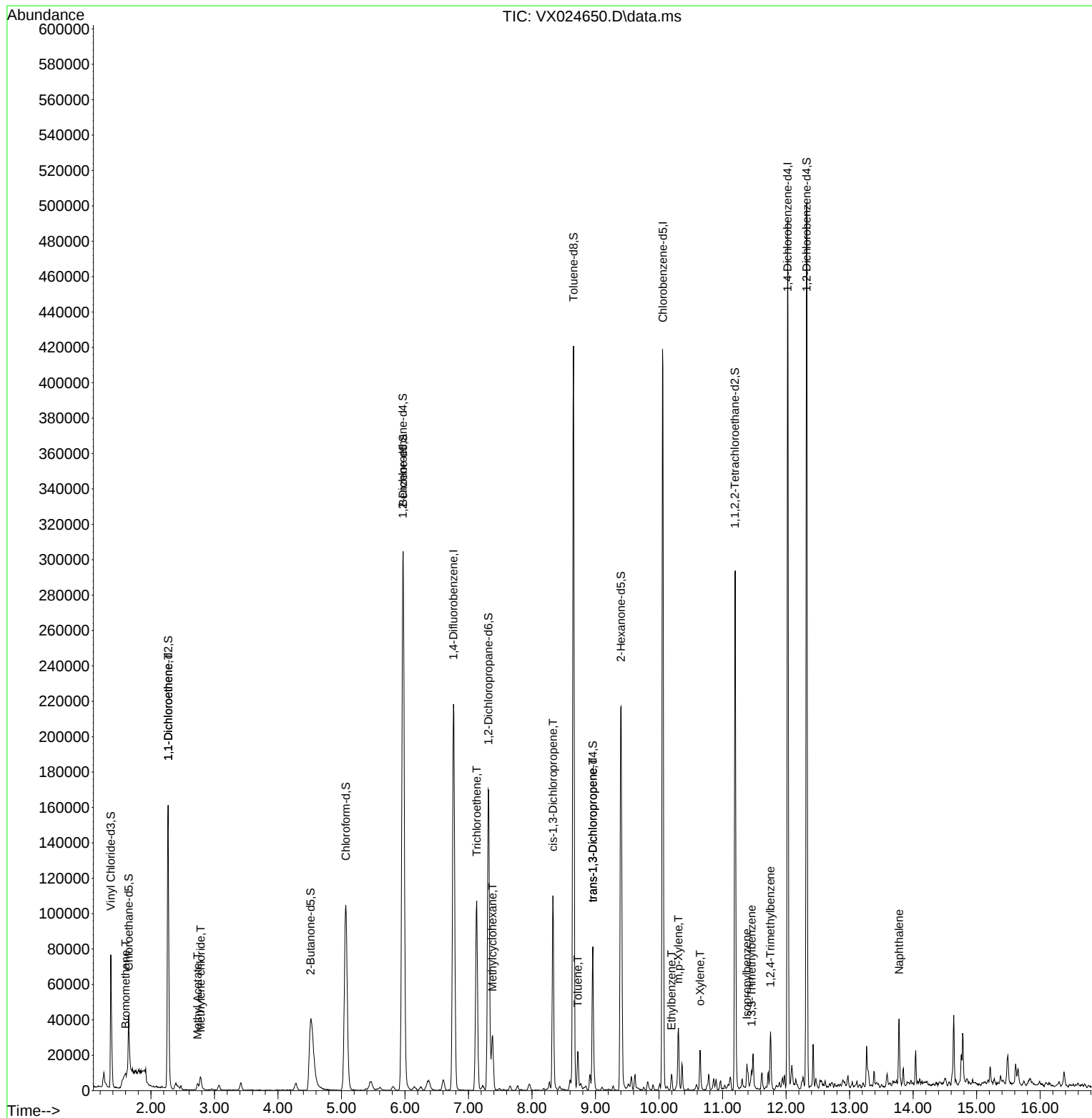
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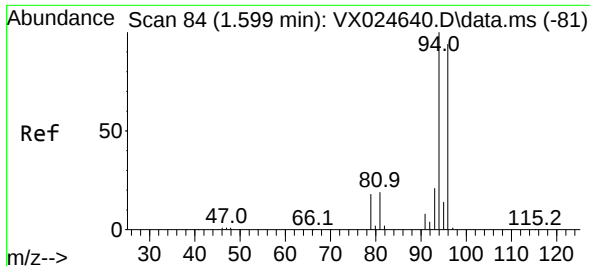
Instrument :
MSVOA_X
ClientSampleId :
EW911ME

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Quant Title : VOC Analysis
QLast Update : Thu Oct 07 23:05:28 2021
Response via : Initial Calibration

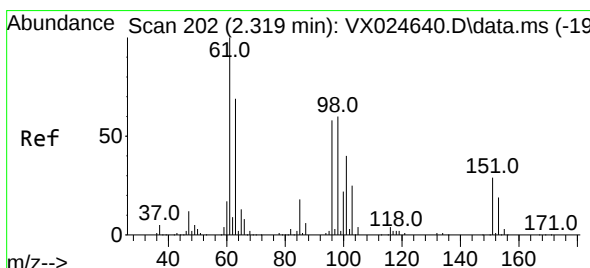
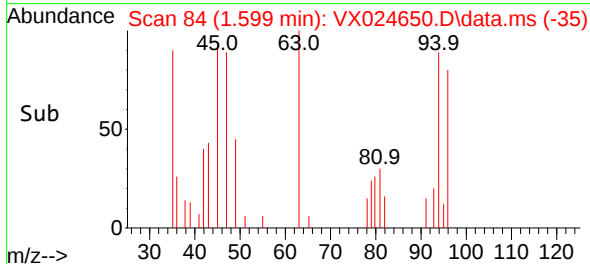
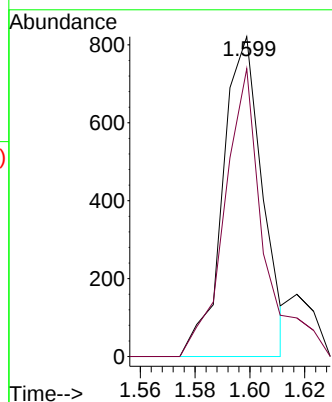
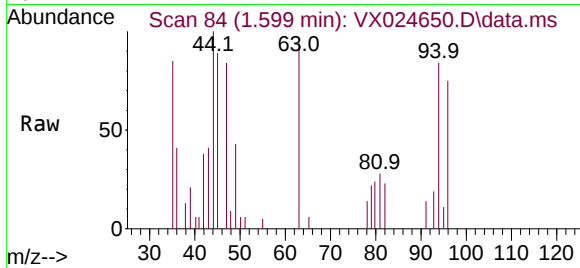




#6
Bromomethane
Concen: 0.934 ug/L
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX024650.D
Acq: 07 Oct 2021 17:00

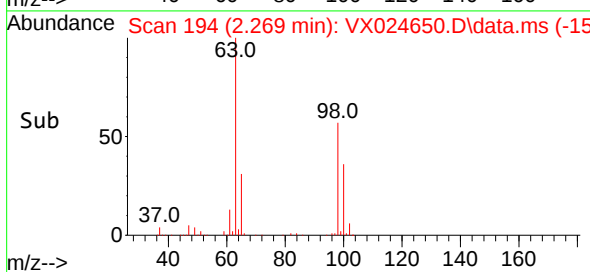
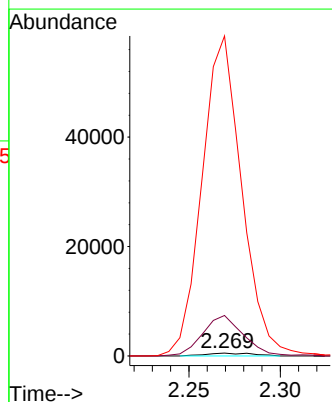
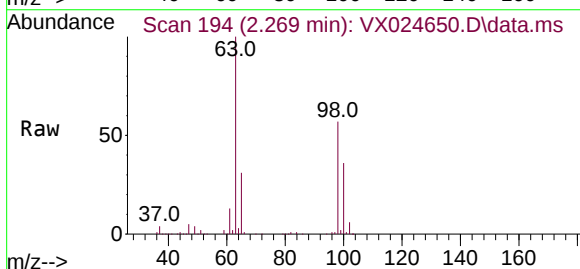
Instrument :
MSVOA_X
ClientSampled :
EW911ME

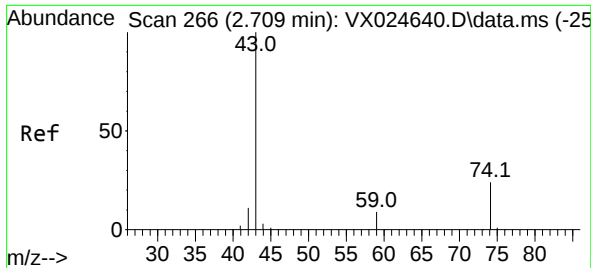
Tgt Ion: 94 Resp: 826
Ion Ratio Lower Upper
94 100
96 90.0 64.8 120.3



#12
1,1-Dichloroethene
Concen: 0.734 ug/L
RT: 2.269 min Scan# 194
Delta R.T. -0.049 min
Lab File: VX024650.D
Acq: 07 Oct 2021 17:00

Tgt Ion: 96 Resp: 928
Ion Ratio Lower Upper
96 100
61 1404.9 115.5 214.5#
63 11120.9 77.3 143.7#

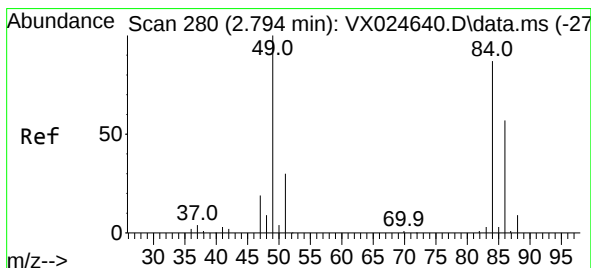
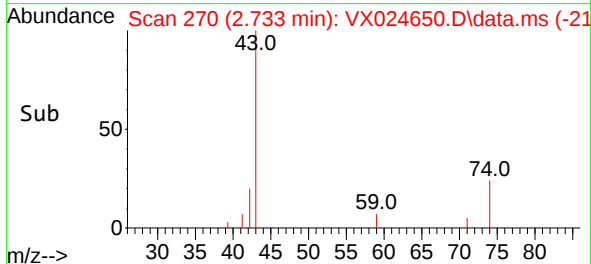
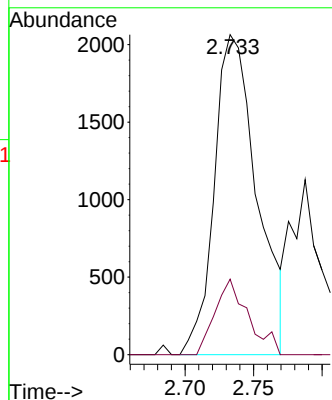
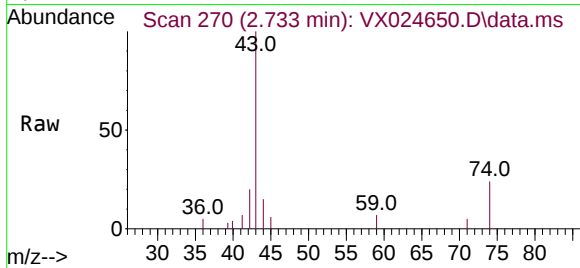




#15
Methyl Acetate
Concen: 2.538 ug/L
RT: 2.733 min Scan# 270
Delta R.T. 0.024 min
Lab File: VX024650.D
Acq: 07 Oct 2021 17:00

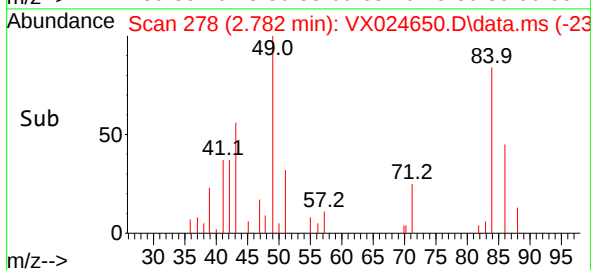
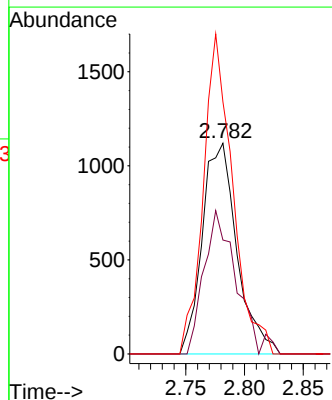
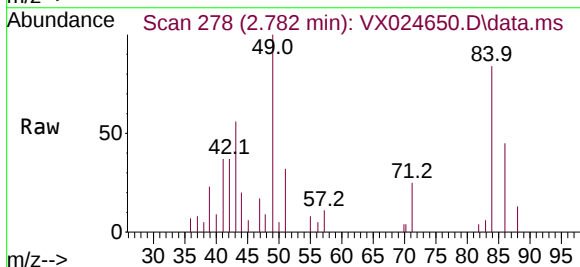
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ClientSampleID :
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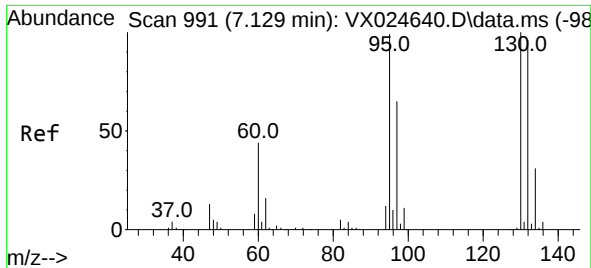
Tgt Ion: 43 Resp: 4480
Ion Ratio Lower Upper
43 100
74 17.1 21.7 32.5#



#16
Methylene chloride
Concen: 1.510 ug/L
RT: 2.782 min Scan# 278
Delta R.T. -0.013 min
Lab File: VX024650.D
Acq: 07 Oct 2021 17:00

Tgt Ion: 84 Resp: 2298
Ion Ratio Lower Upper
84 100
86 54.1 44.2 82.0
49 119.6 77.8 144.6



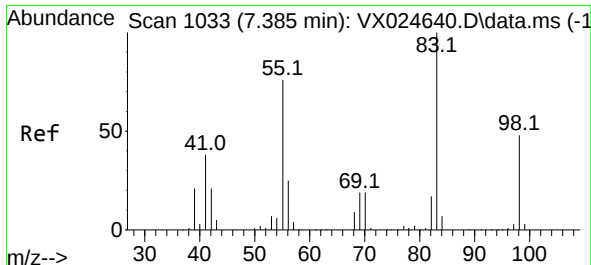
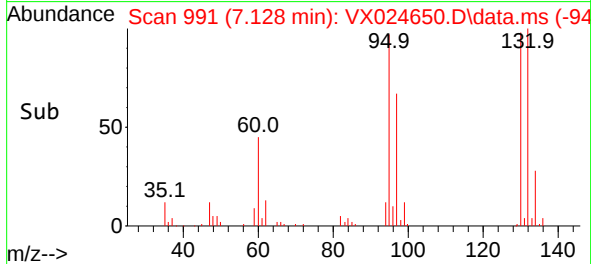
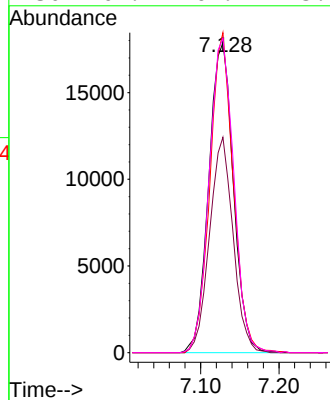
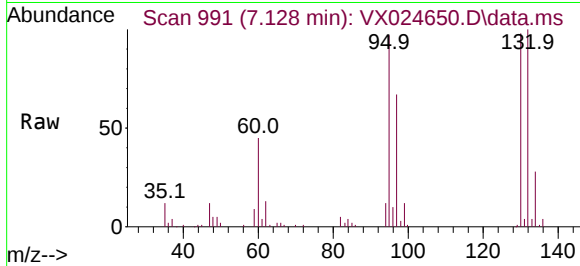


#34
Trichloroethene
Concen: 23.704 ug/L
RT: 7.128 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX024650.D
Acq: 07 Oct 2021 17:00

Instrument :
MSVOA_X
ClientSampleId :
EW911ME

Tgt Ion: 95 Resp: 39112

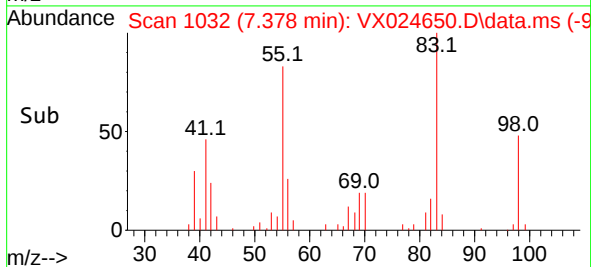
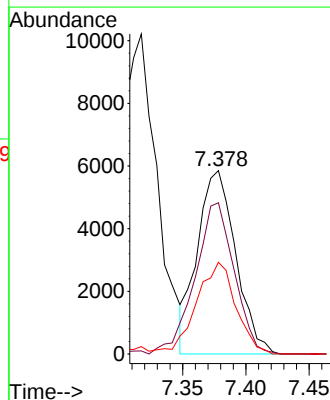
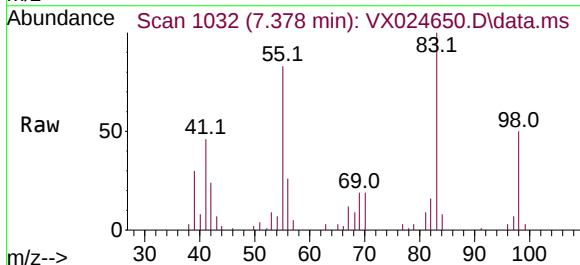
Ion	Ratio	Lower	Upper
95	100		
97	69.5	44.5	82.7
132	103.3	65.2	121.0
130	101.4	67.7	125.7

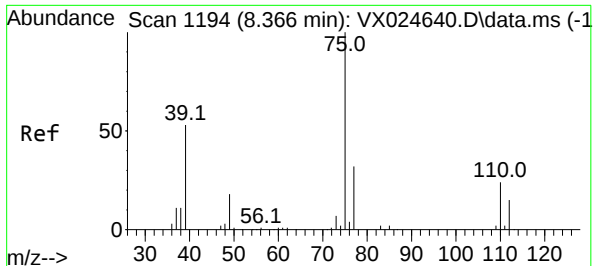


#35
Methylcyclohexane
Concen: 4.708 ug/L
RT: 7.378 min Scan# 1032
Delta R.T. -0.007 min
Lab File: VX024650.D
Acq: 07 Oct 2021 17:00

Tgt Ion: 83 Resp: 12351

Ion	Ratio	Lower	Upper
83	100		
55	84.0	61.2	91.8
98	50.3	38.7	58.1



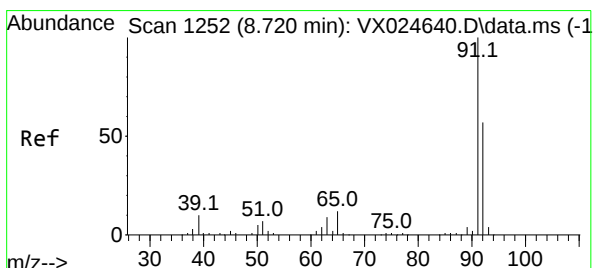
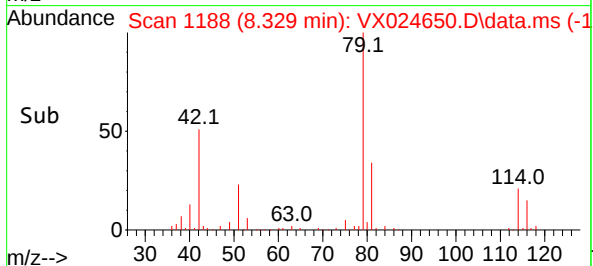
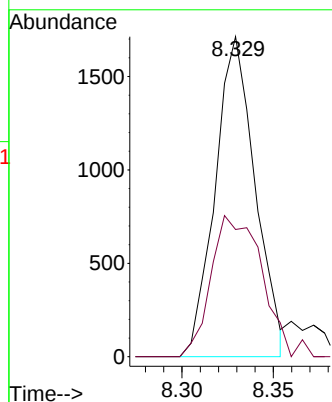
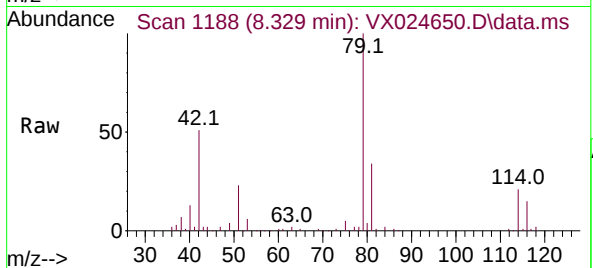


#39

cis-1,3-Dichloropropene
Concen: 1.102 ug/L
RT: 8.329 min Scan# 1188
Delta R.T. -0.037 min
Lab File: VX024650.D
Acq: 07 Oct 2021 17:00

Instrument :
MSVOA_X
ClientSampleId :
EW911ME

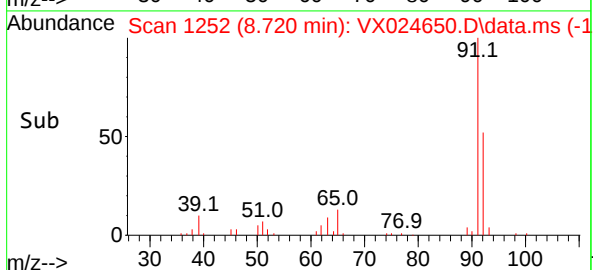
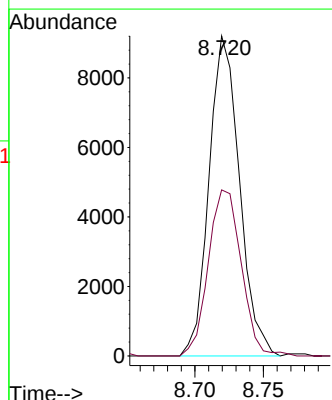
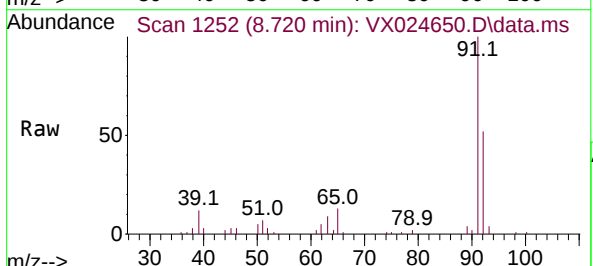
Tgt Ion: 75 Resp: 2609
Ion Ratio Lower Upper
75 100
77 39.8 22.7 42.3

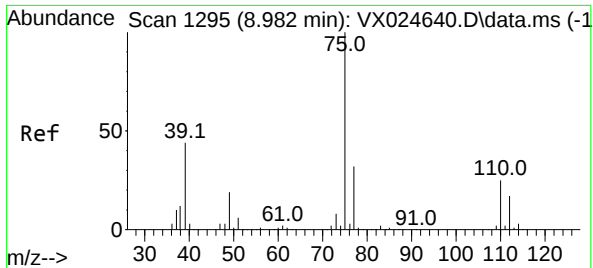


#42

Toluene
Concen: 2.130 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX024650.D
Acq: 07 Oct 2021 17:00

Tgt Ion: 91 Resp: 14252
Ion Ratio Lower Upper
91 100
92 51.9 40.5 75.1

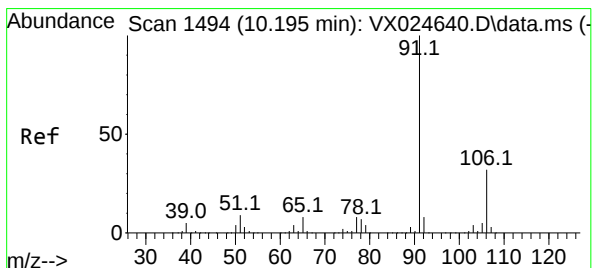
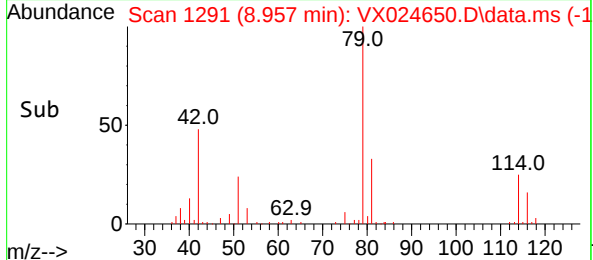
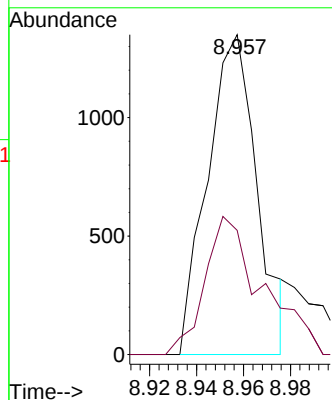
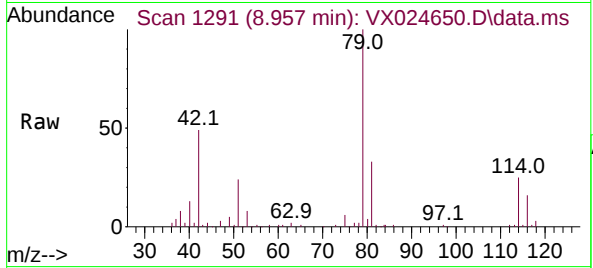




#44
trans-1,3-Dichloropropene
Concen: 0.857 ug/L
RT: 8.957 min Scan# 1291
Delta R.T. -0.025 min
Lab File: VX024650.D
Acq: 07 Oct 2021 17:00

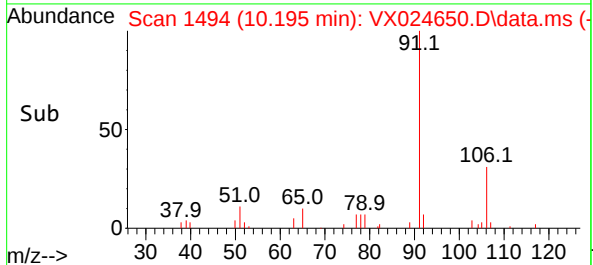
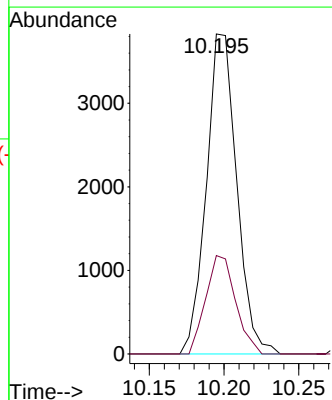
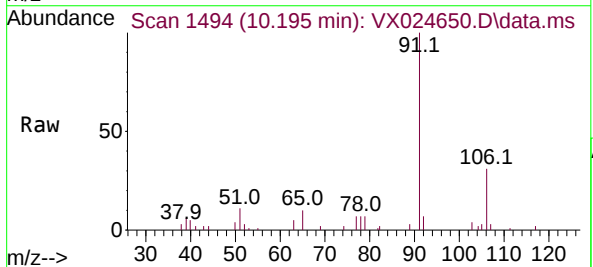
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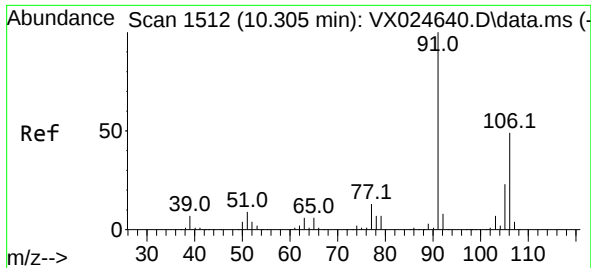
Tgt Ion: 75 Resp: 1982
Ion Ratio Lower Upper
75 100
77 38.8 22.4 41.6



#52
Ethylbenzene
Concen: 0.787 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX024650.D
Acq: 07 Oct 2021 17:00

Tgt Ion: 91 Resp: 5421
Ion Ratio Lower Upper
91 100
106 30.7 21.0 39.0

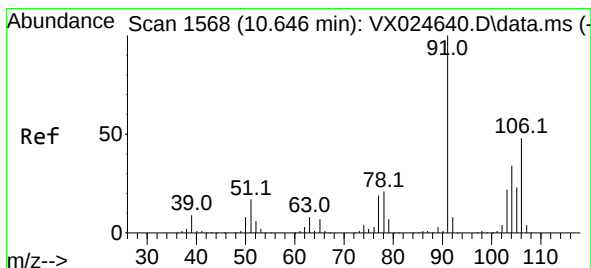
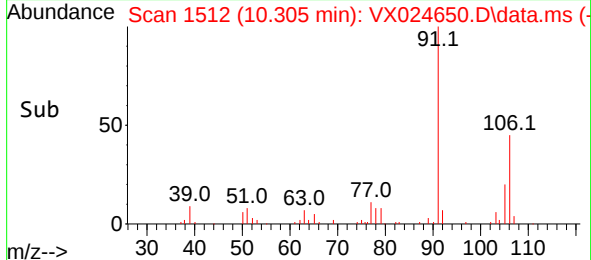
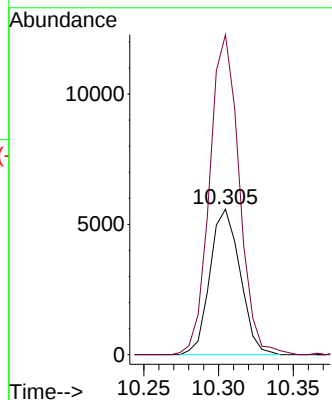
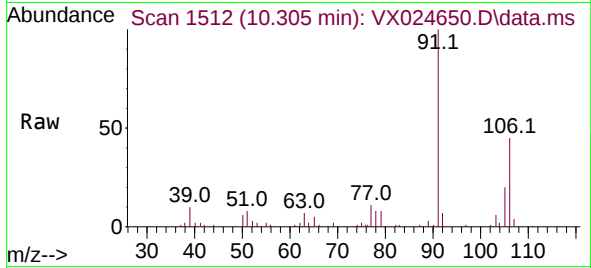




#53
m,p-Xylene
Concen: 2.912 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX024650.D
Acq: 07 Oct 2021 17:00

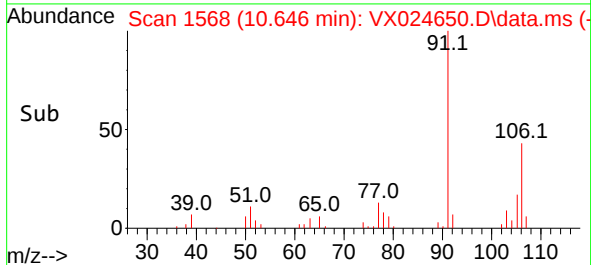
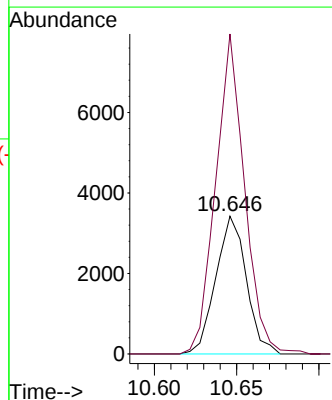
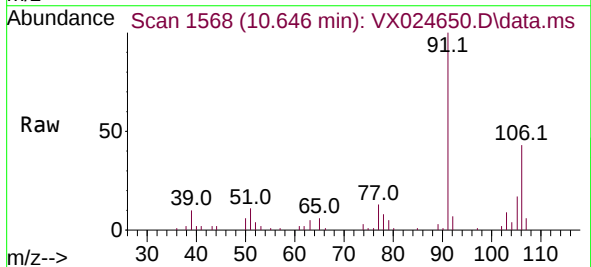
Instrument :
MSVOA_X
ClientSampled :
EW911ME

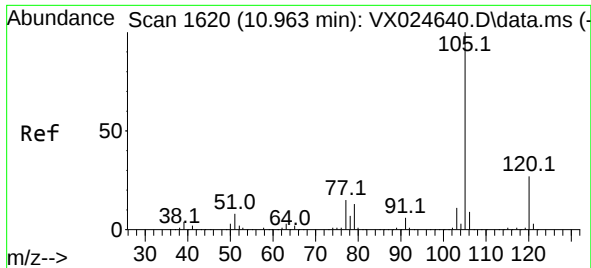
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Ion Ratio Lower Upper
106 100
91 220.0 142.5 264.6



#54
o-Xylene
Concen: 1.644 ug/L
RT: 10.646 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VX024650.D
Acq: 07 Oct 2021 17:00

Tgt Ion:106 Resp: 4420
Ion Ratio Lower Upper
106 100
91 232.3 156.2 290.0

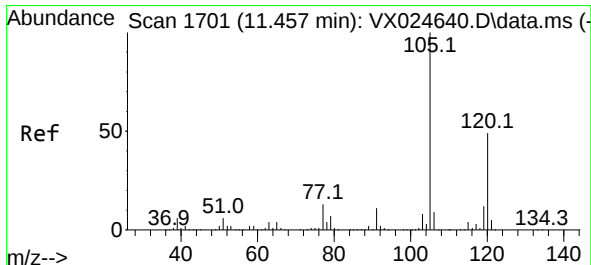
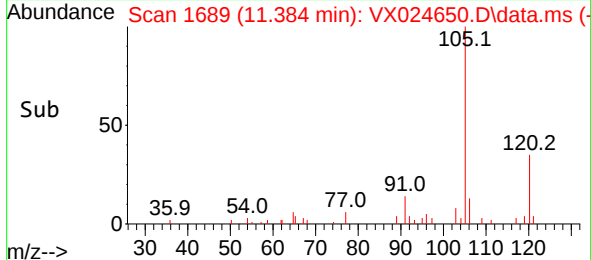
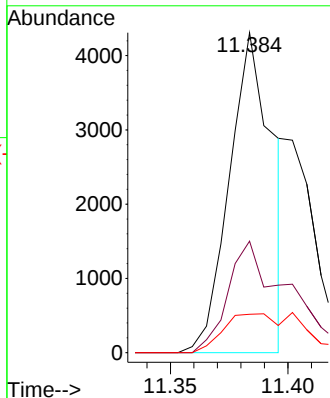
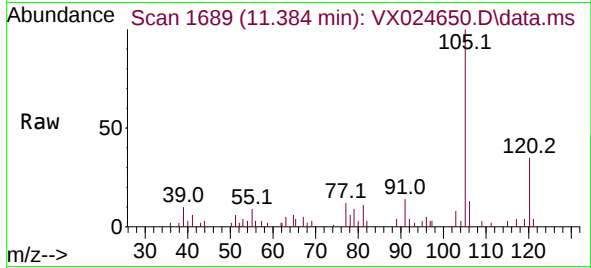




#60
Isopropylbenzene
Concen: 0.815 ug/L
RT: 11.384 min Scan# 1689
Delta R.T. 0.420 min
Lab File: VX024650.D
Acq: 07 Oct 2021 17:00

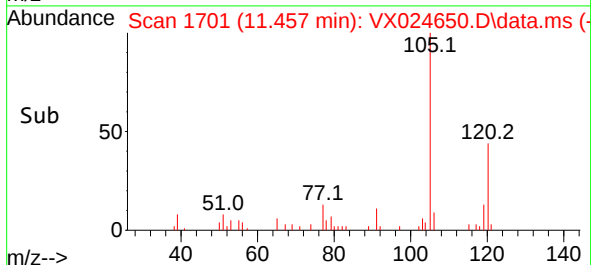
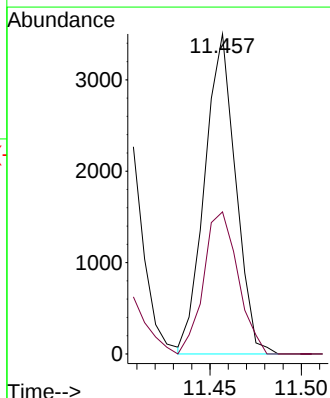
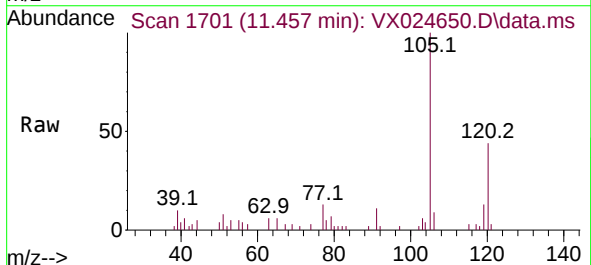
Instrument :
MSVOA_X
ClientSampleID :
EW911ME

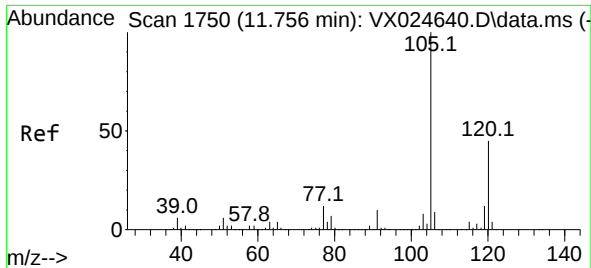
Tgt Ion:105 Resp: 5541
Ion Ratio Lower Upper
105 100
120 27.7 21.2 31.8
77 15.0 12.6 18.8



#62
1,3,5-Trimethylbenzene
Concen: 0.693 ug/L
RT: 11.457 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VX024650.D
Acq: 07 Oct 2021 17:00

Tgt Ion:105 Resp: 4135
Ion Ratio Lower Upper
105 100
120 49.2 38.0 57.0

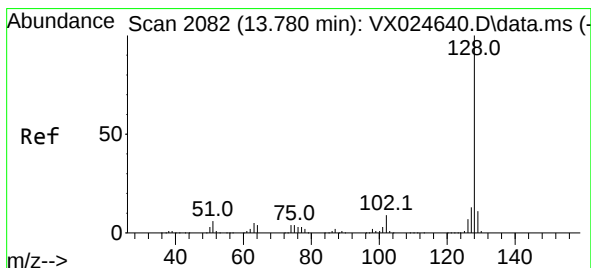
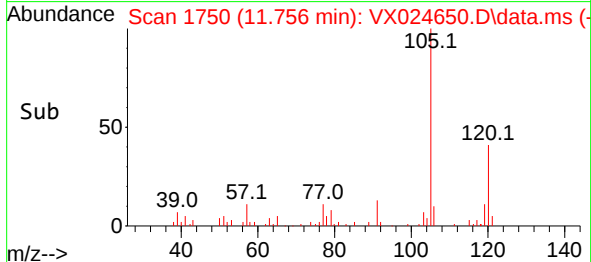
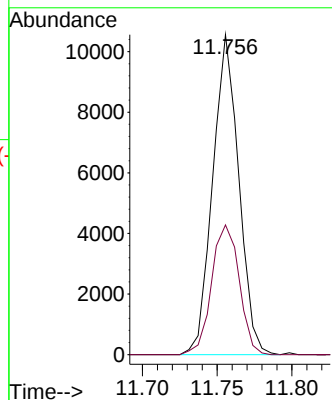
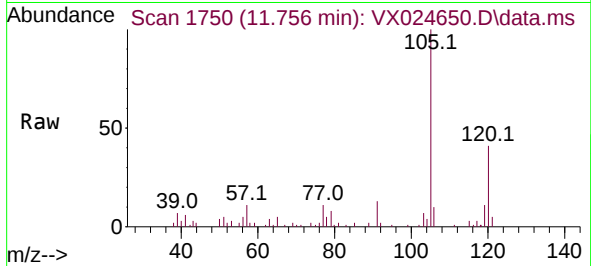




#63
1,2,4-Trimethylbenzene
Concen: 2.191 ug/L
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX024650.D
Acq: 07 Oct 2021 17:00

Instrument :
MSVOA_X
ClientSampleId :
EW911ME

Tgt Ion:105 Resp: 12786
Ion Ratio Lower Upper
105 100
120 43.0 36.4 54.6



#71
Naphthalene
Concen: 3.460 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX024650.D
Acq: 07 Oct 2021 17:00

Tgt Ion:128 Resp: 22242
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 11.2 8.6 13.0

