

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022021\
 Data File : VU042375.D
 Acq On : 19 Feb 2021 20:31
 Operator : SY/MD
 Sample : M1404-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 NWB-1579-1582

Manual Integrations
 APPROVED

MMDadoda
 2/22/2021 12:34:50 PM

Quant Time: Feb 20 00:31:22 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U021721W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 19 02:55:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.382	168	147392	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.256	114	215797	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	191042	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.819	152	89440	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.710	65	104713	46.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.70%	
35) Dibromofluoromethane	5.298	113	72151	47.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.74%	
50) Toluene-d8	7.906	98	264193	48.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.86%	
62) 4-Bromofluorobenzene	10.639	95	92100	42.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.68%	
Target Compounds						Qvalue
16) Acetone	2.642	43	671325	484.19	ug/l	100
18) Methyl Acetate	2.960	43	17288m	6.87	ug/l	
25) 2-Butanone	4.719	43	62573	33.94	ug/l	99
37) Ethyl Acetate	4.812	43	13334	4.02	ug/l	96
51) 4-Methyl-2-Pentanone	7.800	43	32254	9.78	ug/l	98
52) Toluene	7.976	92	12094	3.27	ug/l	97
59) 2-Hexanone	8.693	43	2508	0.95	ug/l	99
67) Ethyl Benzene	9.578	91	3000	0.44	ug/l	90
68) m/p-Xylenes	9.700	106	4479	1.76	ug/l	95
69) o-Xylene	10.108	106	2782	1.12	ug/l	92
78) n-propylbenzene	10.912	91	2284	0.33	ug/l	97
80) 1,3,5-Trimethylbenzene	11.098	105	2289	0.45	ug/l	98
84) 1,2,4-Trimethylbenzene	11.475	105	7906	1.54	ug/l	90
85) sec-Butylbenzene	11.648	105	1677	0.29	ug/l	96
86) p-Isopropyltoluene	11.803	119	2264	0.42	ug/l	96
89) n-Butylbenzene	12.214	91	3621	0.76	ug/l #	67
95) Naphthalene	14.095	128	39254	8.47	ug/l	98

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

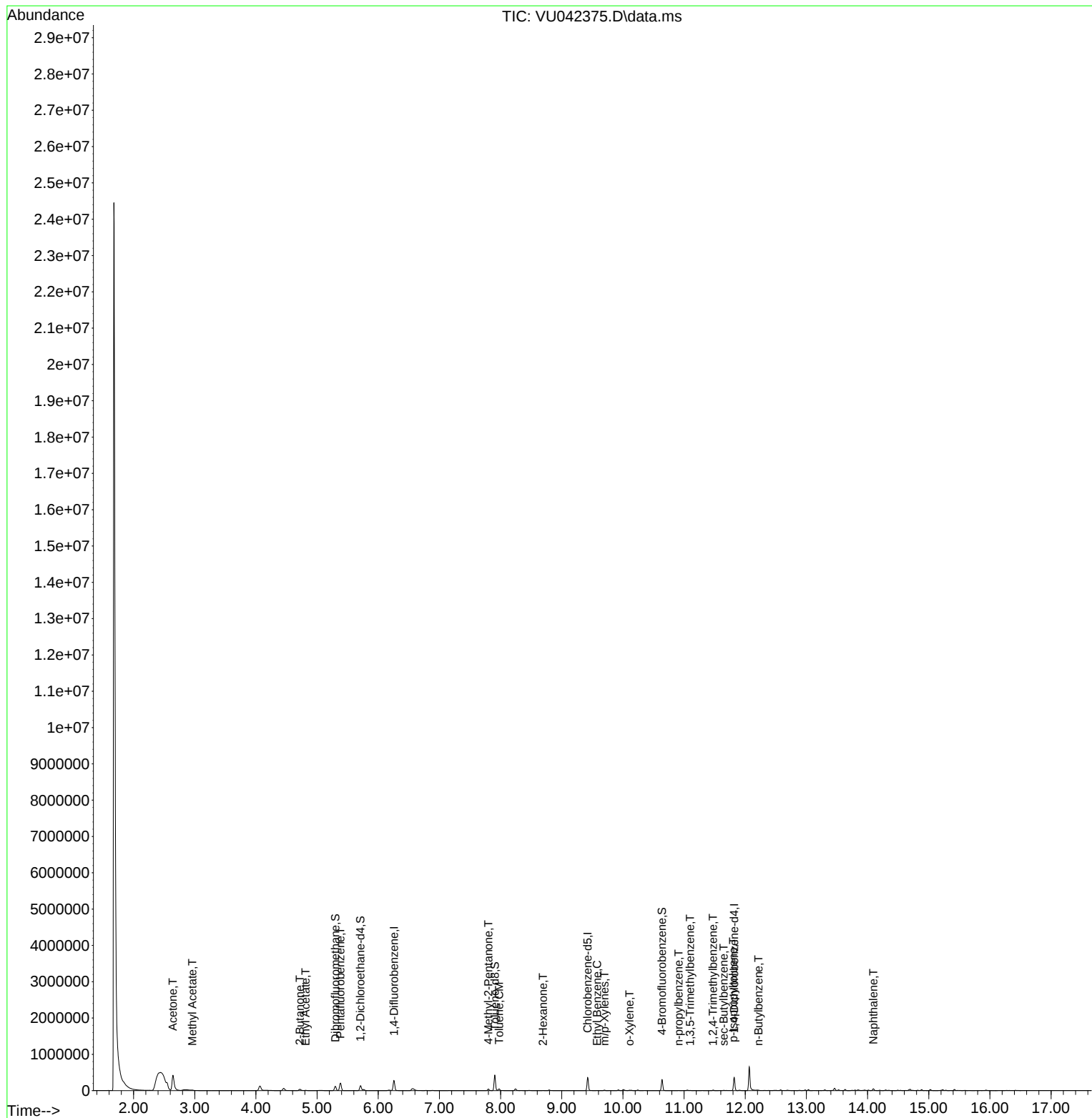
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022021\
Data File : VU042375.D
Acq On : 19 Feb 2021 20:31
Operator : SY/MD
Sample : M1404-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

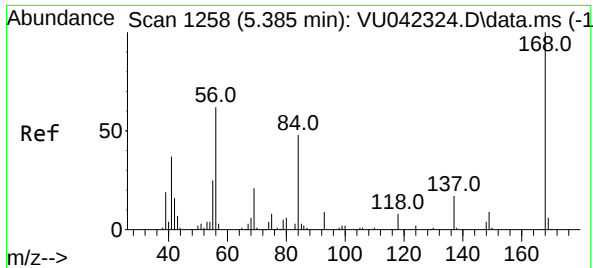
Instrument :
MSVOA_U
ClientSampleId :
NWB-1579-1582

Manual Integrations
APPROVED

MMDadoda
2/22/2021 12:34:50 PM

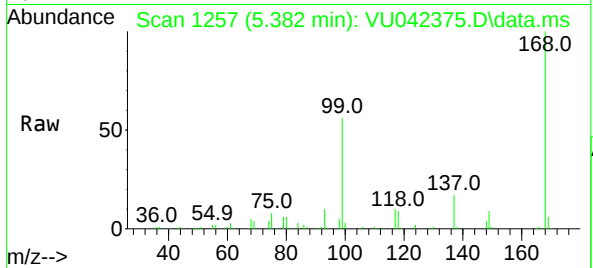
Quant Time: Feb 20 00:31:22 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U021721W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 19 02:55:52 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.382 min Scan# 1257
Delta R.T. -0.003 min
Lab File: VU042375.D
Acq: 19 Feb 2021 20:31

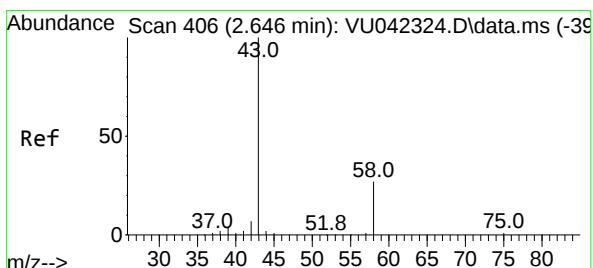
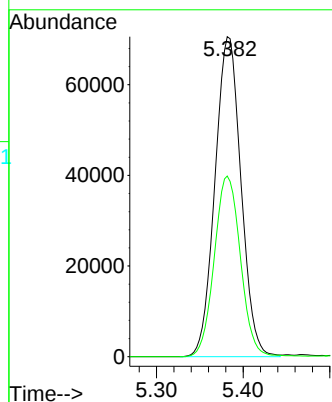
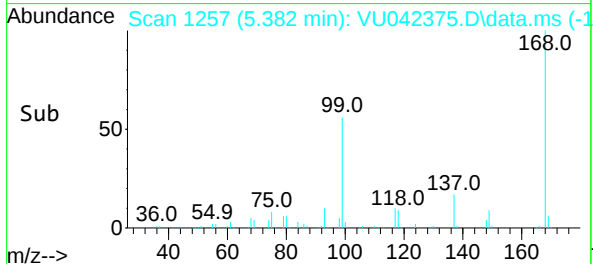
Instrument :
MSVOA_U
ClientSampleId :
NWB-1579-1582



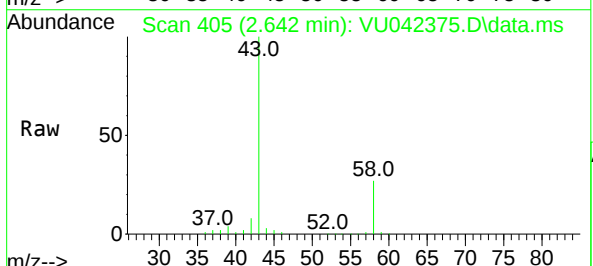
Tgt Ion:168 Resp: 147392
Ion Ratio Lower Upper
168 100
99 56.4 45.0 67.4

Manual Integrations
APPROVED

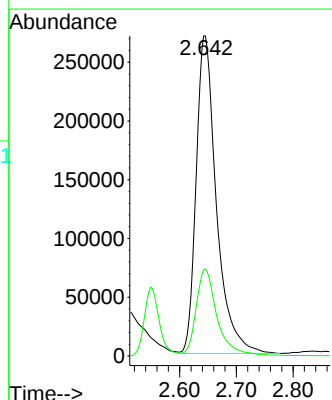
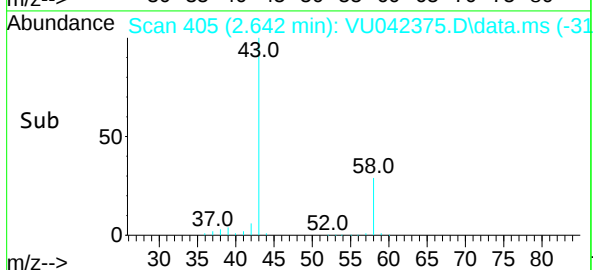
MMDadoda
2/22/2021 12:34:50 PM

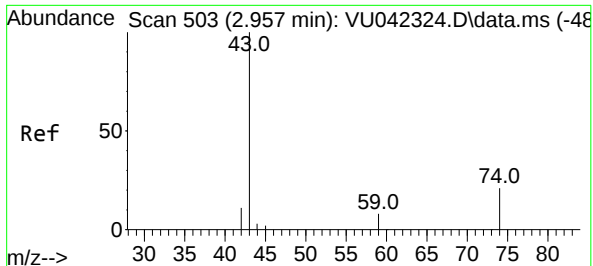


#16
Acetone
Concen: 484.19 ug/l
RT: 2.642 min Scan# 405
Delta R.T. -0.003 min
Lab File: VU042375.D
Acq: 19 Feb 2021 20:31

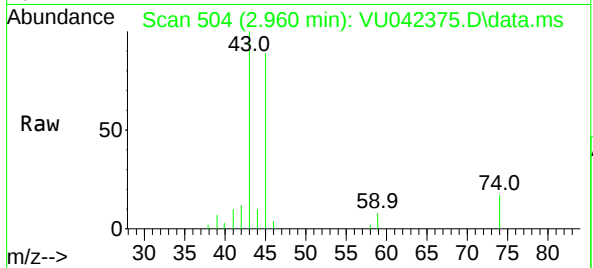


Tgt Ion: 43 Resp: 671325
Ion Ratio Lower Upper
43 100
58 26.9 21.5 32.3

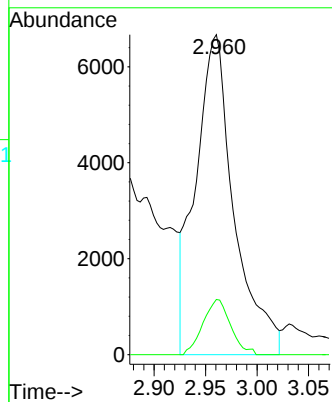
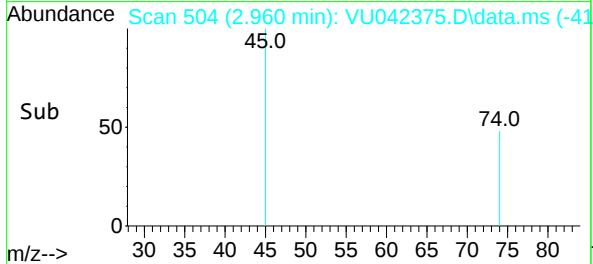




#18
Methyl Acetate
Concen: 6.87 ug/l m
RT: 2.960 min Scan# 504
Delta R.T. 0.003 min
Lab File: VU042375.D
Acq: 19 Feb 2021 20:31



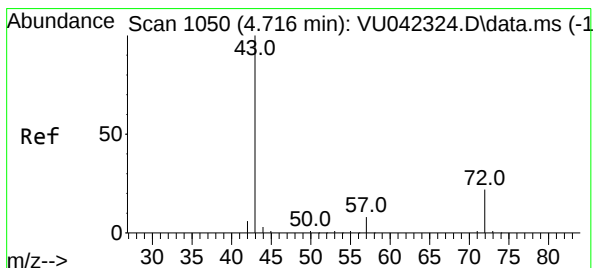
Tgt Ion: 43 Resp: 17288
Ion Ratio Lower Upper
43 100
74 12.4 16.6 25.0#



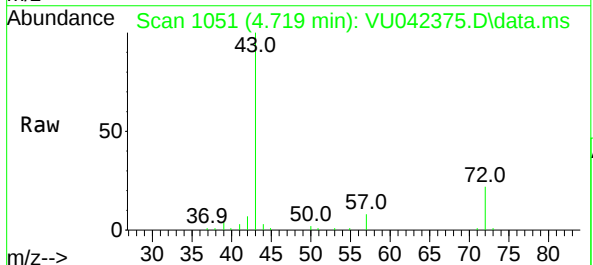
Instrument :
MSVOA_U
ClientSampleId :
NWB-1579-1582

Manual Integrations
APPROVED

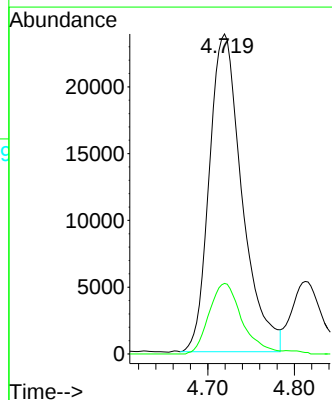
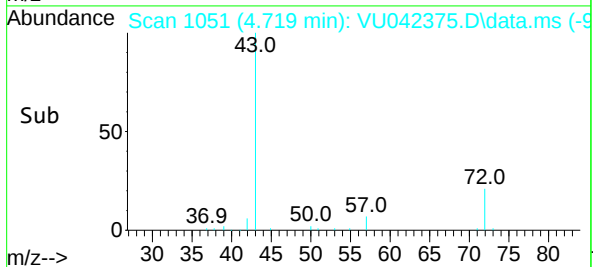
MMDadoda
2/22/2021 12:34:50 PM

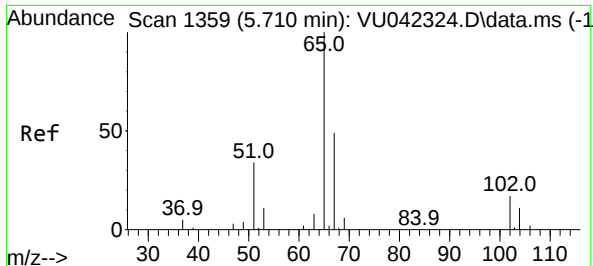


#25
2-Butanone
Concen: 33.94 ug/l
RT: 4.719 min Scan# 1051
Delta R.T. 0.003 min
Lab File: VU042375.D
Acq: 19 Feb 2021 20:31



Tgt Ion: 43 Resp: 62573
Ion Ratio Lower Upper
43 100
72 22.2 17.4 26.0





#33

1,2-Dichloroethane-d4

Concen: 46.85 ug/l

RT: 5.710 min Scan# 1359

Delta R.T. -0.000 min

Lab File: VU042375.D

Acq: 19 Feb 2021 20:31

Tgt Ion: 65 Resp: 104713

Ion Ratio Lower Upper

65 100

67 49.8 0.0 99.8

Instrument :

MSVOA_U

ClientSampleId :

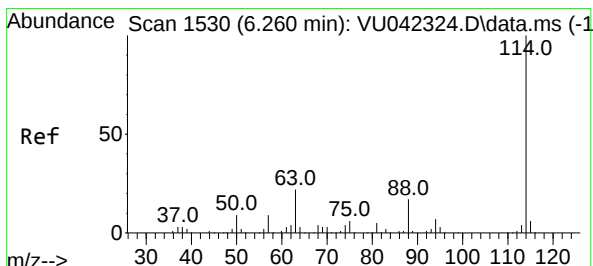
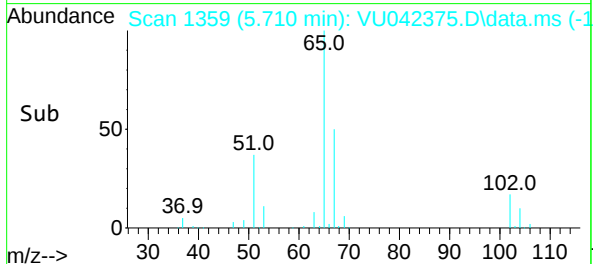
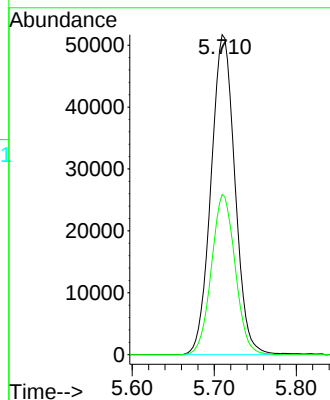
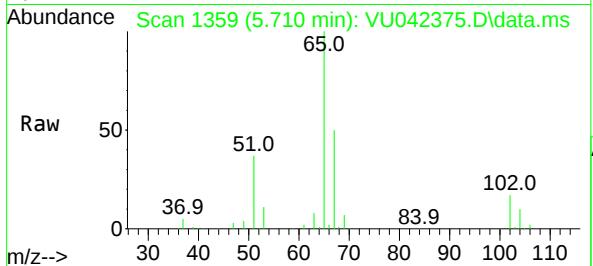
NWB-1579-1582

Manual Integrations

APPROVED

MMDadoda

2/22/2021 12:34:50 PM



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.256 min Scan# 1529

Delta R.T. -0.003 min

Lab File: VU042375.D

Acq: 19 Feb 2021 20:31

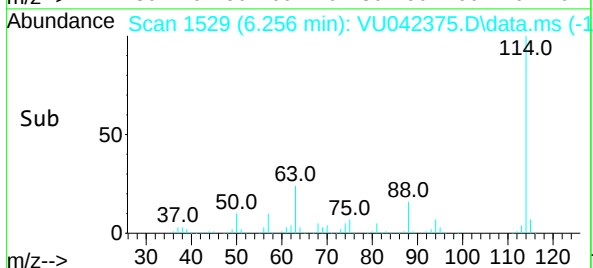
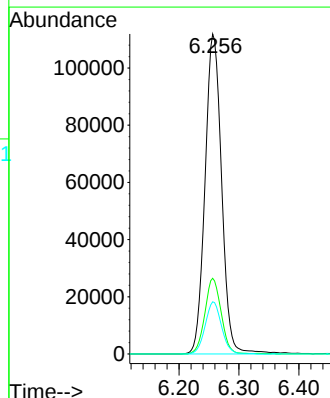
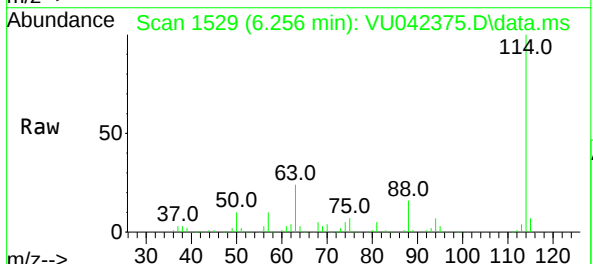
Tgt Ion: 114 Resp: 215797

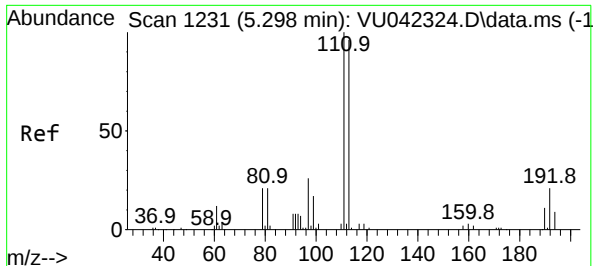
Ion Ratio Lower Upper

114 100

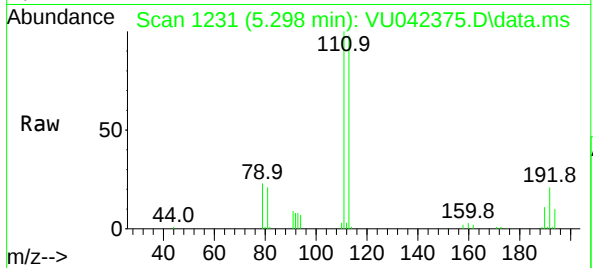
63 23.7 0.0 44.2

88 16.3 0.0 33.4





#35
Dibromofluoromethane
Concen: 47.37 ug/l
RT: 5.298 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VU042375.D
Acq: 19 Feb 2021 20:31

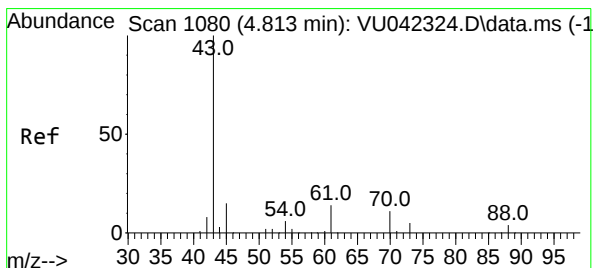
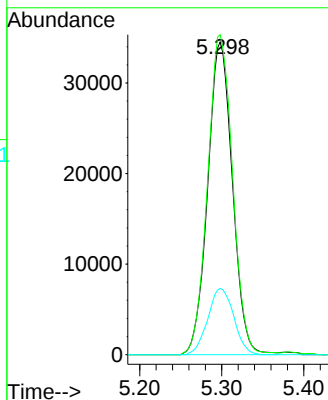
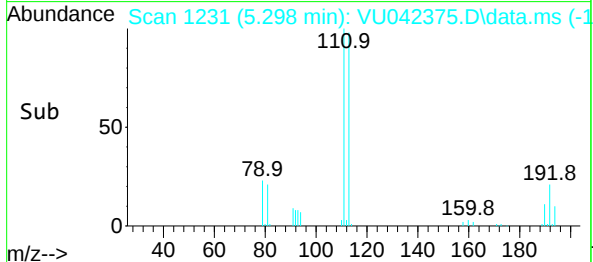


Tgt Ion: 113 Resp: 72151
Ion Ratio Lower Upper
113 100
111 103.4 81.8 122.8
192 22.2 17.2 25.8

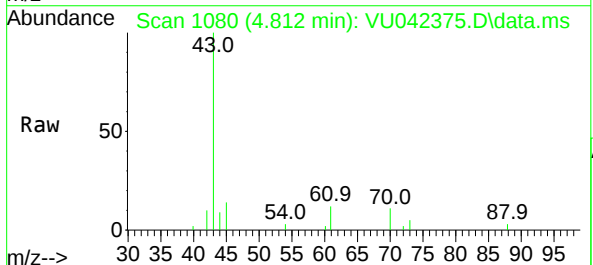
Instrument :
MSVOA_U
ClientSampleId :
NWB-1579-1582

Manual Integrations
APPROVED

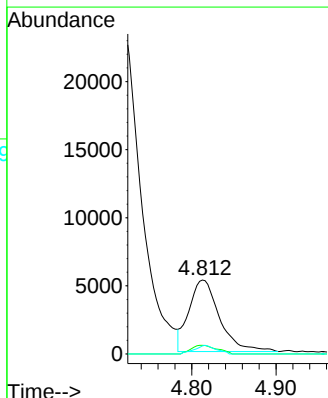
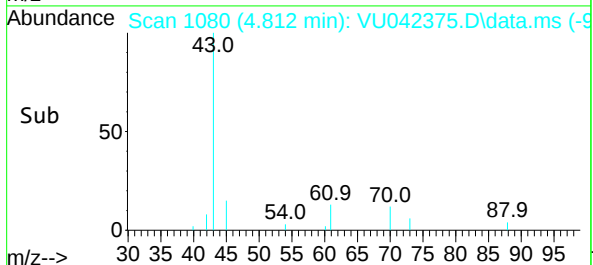
MMDadoda
2/22/2021 12:34:50 PM

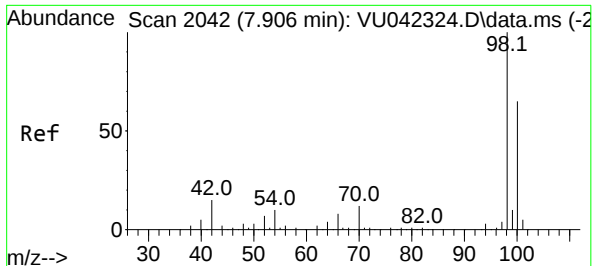


#37
Ethyl Acetate
Concen: 4.02 ug/l
RT: 4.812 min Scan# 1080
Delta R.T. -0.000 min
Lab File: VU042375.D
Acq: 19 Feb 2021 20:31



Tgt Ion: 43 Resp: 13334
Ion Ratio Lower Upper
43 100
61 10.1 10.1 15.1
70 8.4 7.2 10.8





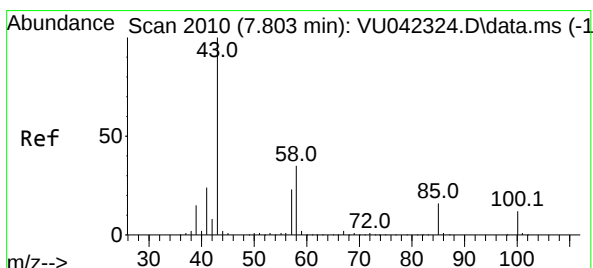
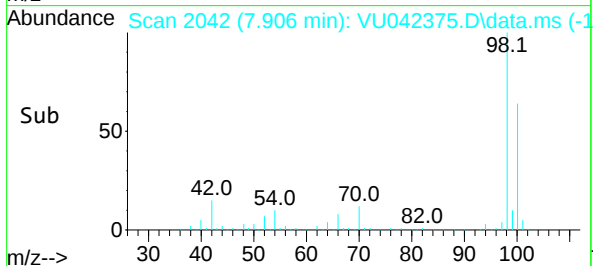
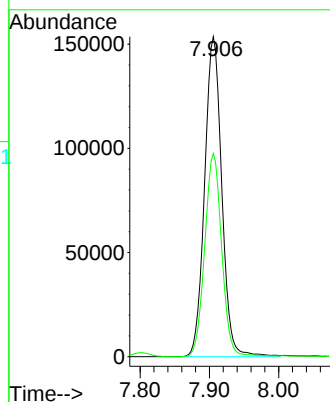
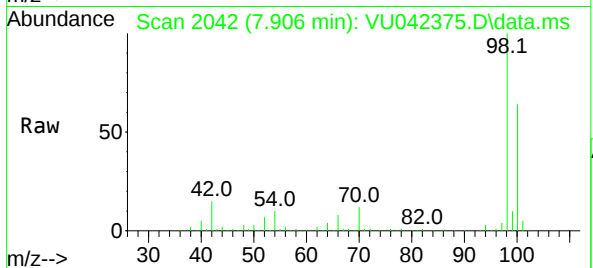
#50
Toluene-d8
Concen: 48.43 ug/l
RT: 7.906 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VU042375.D
Acq: 19 Feb 2021 20:31

Tgt Ion: 98 Resp: 264193
Ion Ratio Lower Upper
98 100
100 62.9 50.2 75.2

Instrument :
MSVOA_U
ClientSampleId :
NWB-1579-1582

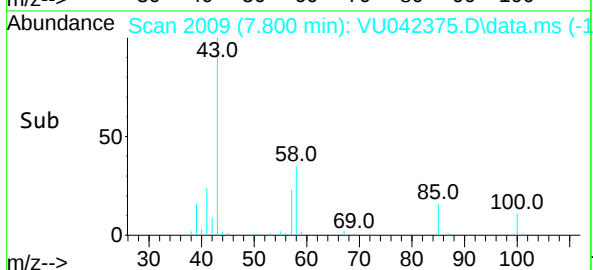
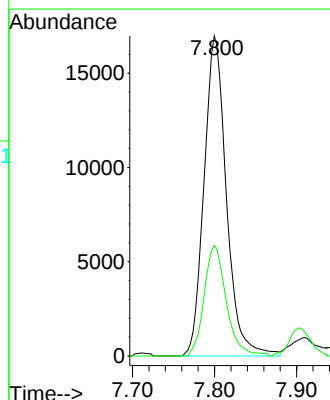
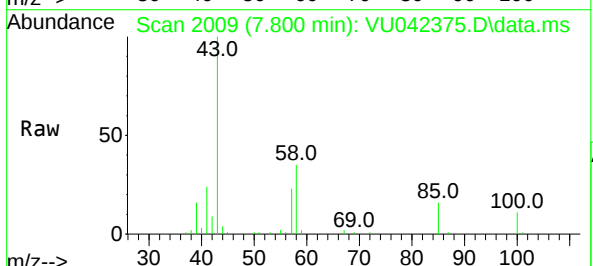
Manual Integrations
APPROVED

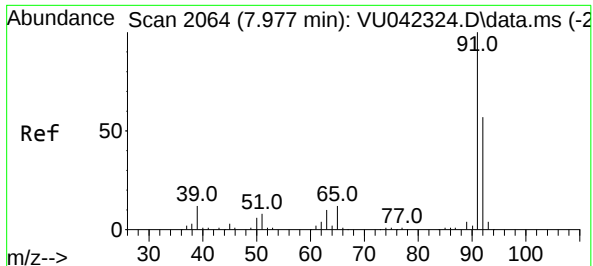
MMDadoda
2/22/2021 12:34:50 PM



#51
4-Methyl-2-Pentanone
Concen: 9.78 ug/l
RT: 7.800 min Scan# 2009
Delta R.T. -0.003 min
Lab File: VU042375.D
Acq: 19 Feb 2021 20:31

Tgt Ion: 43 Resp: 32254
Ion Ratio Lower Upper
43 100
58 34.1 28.1 42.1





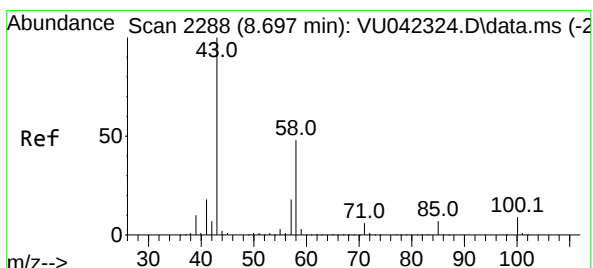
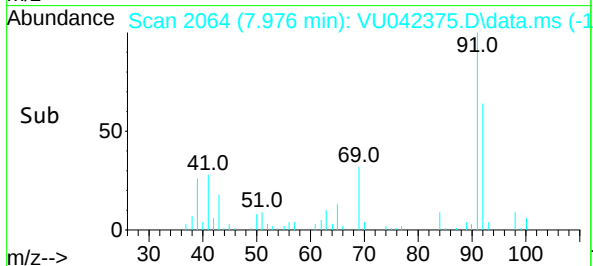
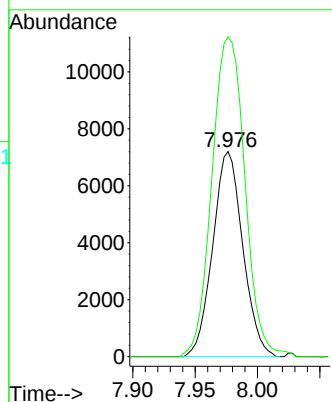
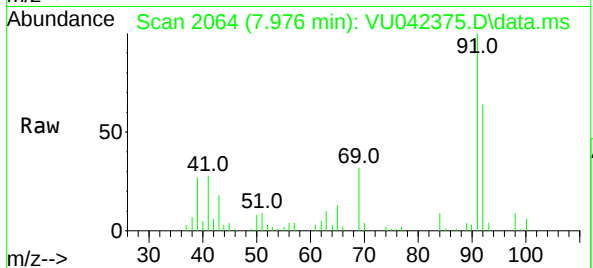
#52
Toluene
Concen: 3.27 ug/l
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU042375.D
Acq: 19 Feb 2021 20:31

Tgt Ion: 92 Resp: 12094
Ion Ratio Lower Upper
92 100
91 171.1 140.3 210.5

Instrument :
MSVOA_U
ClientSampleId :
NWB-1579-1582

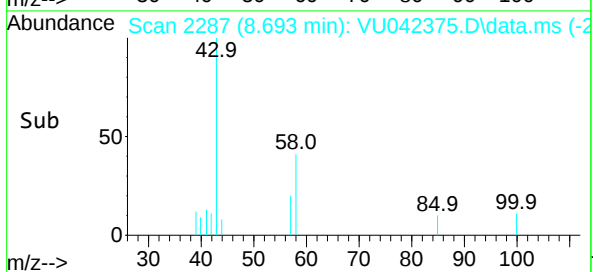
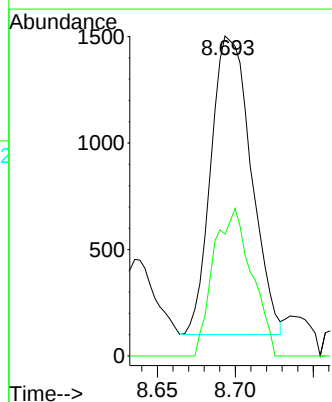
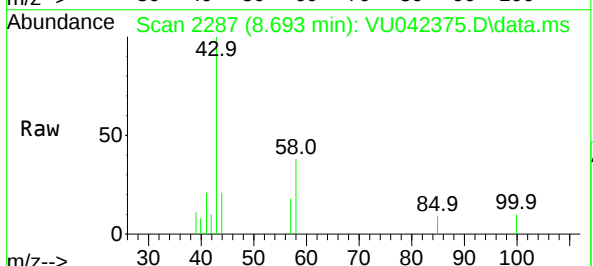
Manual Integrations
APPROVED

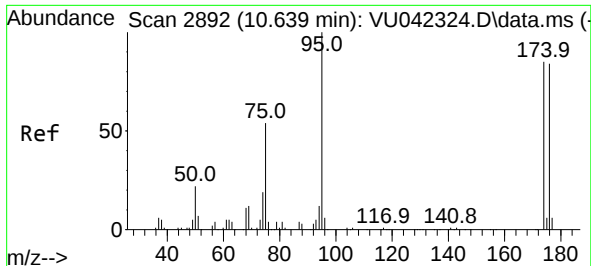
MMDadoda
2/22/2021 12:34:50 PM



#59
2-Hexanone
Concen: 0.95 ug/l
RT: 8.693 min Scan# 2287
Delta R.T. -0.003 min
Lab File: VU042375.D
Acq: 19 Feb 2021 20:31

Tgt Ion: 43 Resp: 2508
Ion Ratio Lower Upper
43 100
58 47.1 24.0 72.0





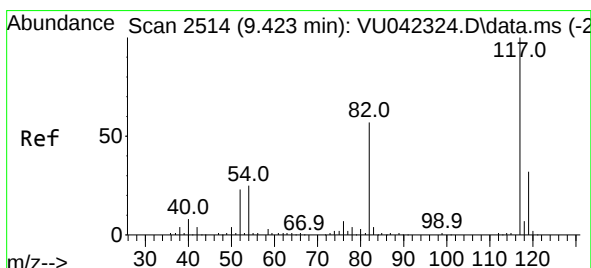
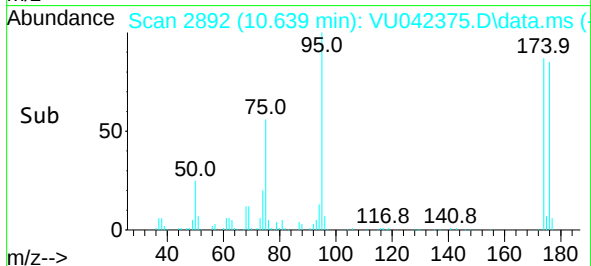
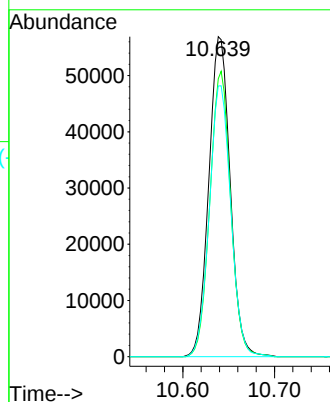
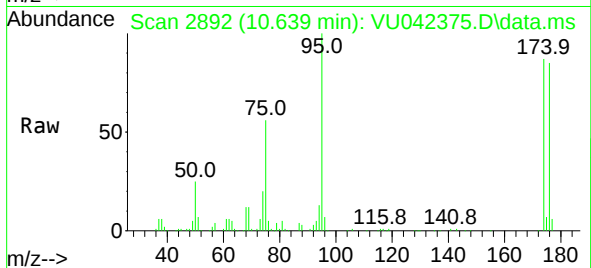
#62
4-Bromofluorobenzene
Concen: 42.84 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.000 min
Lab File: VU042375.D
Acq: 19 Feb 2021 20:31

Tgt Ion: 95 Resp: 92100
Ion Ratio Lower Upper
95 100
174 86.8 0.0 172.2
176 85.2 0.0 168.8

Instrument :
MSVOA_U
ClientSampleId :
NWB-1579-1582

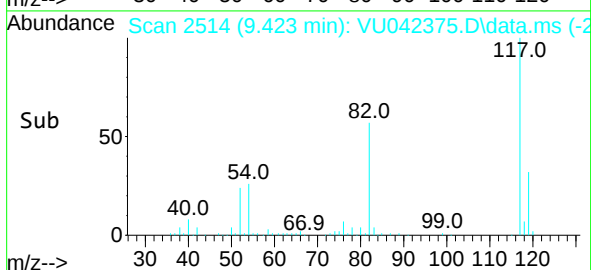
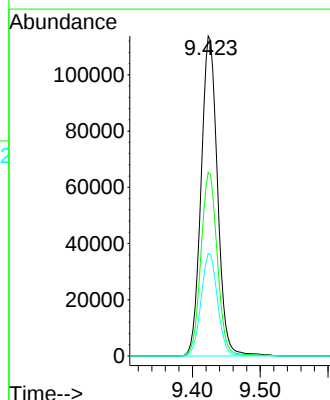
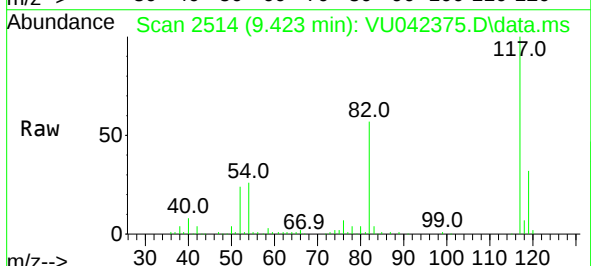
Manual Integrations
APPROVED

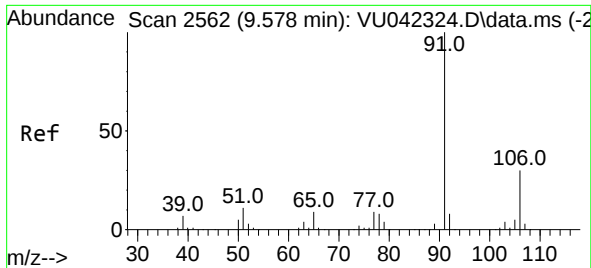
MMDadoda
2/22/2021 12:34:50 PM



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 9.423 min Scan# 2514
Delta R.T. -0.000 min
Lab File: VU042375.D
Acq: 19 Feb 2021 20:31

Tgt Ion: 117 Resp: 191042
Ion Ratio Lower Upper
117 100
82 57.4 45.8 68.6
119 32.0 25.8 38.8





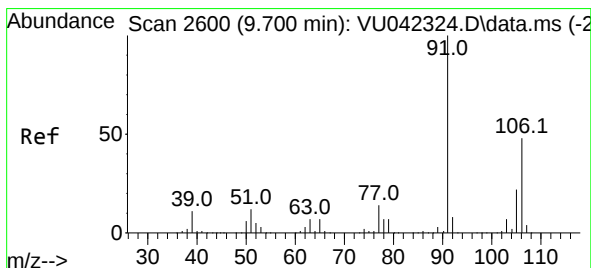
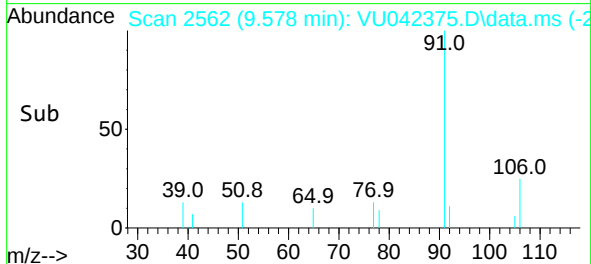
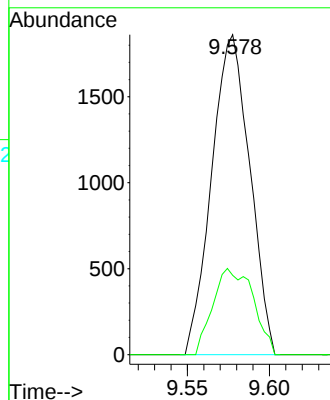
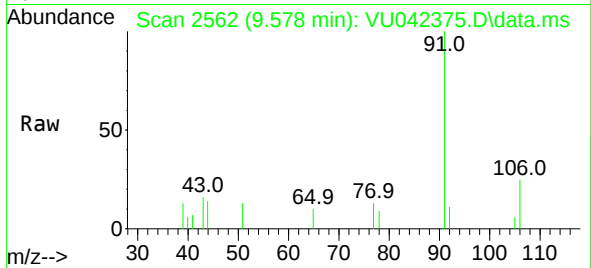
#67
Ethyl Benzene
Concen: 0.44 ug/l
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU042375.D
Acq: 19 Feb 2021 20:31

Tgt Ion: 91 Resp: 3000
Ion Ratio Lower Upper
91 100
106 24.8 24.1 36.1

Instrument :
MSVOA_U
ClientSampleId :
NWB-1579-1582

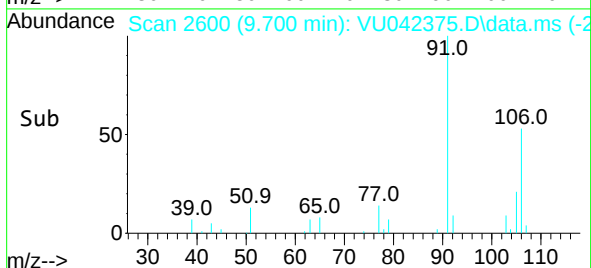
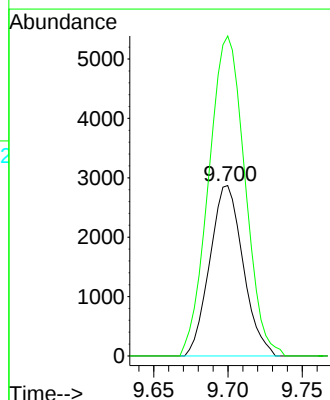
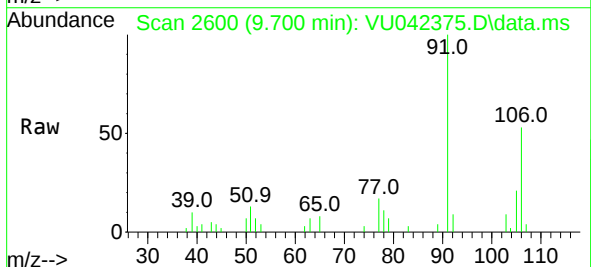
Manual Integrations
APPROVED

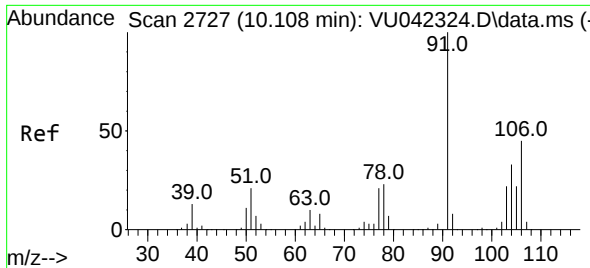
MMDadoda
2/22/2021 12:34:50 PM



#68
m/p-Xylenes
Concen: 1.76 ug/l
RT: 9.700 min Scan# 2600
Delta R.T. -0.000 min
Lab File: VU042375.D
Acq: 19 Feb 2021 20:31

Tgt Ion: 106 Resp: 4479
Ion Ratio Lower Upper
106 100
91 204.0 169.9 254.9





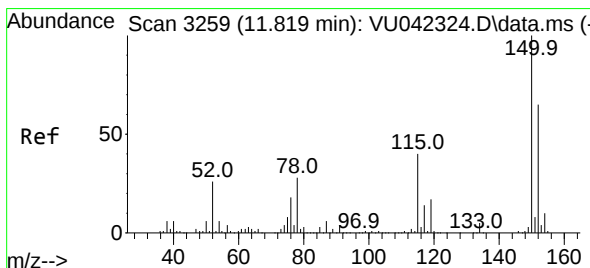
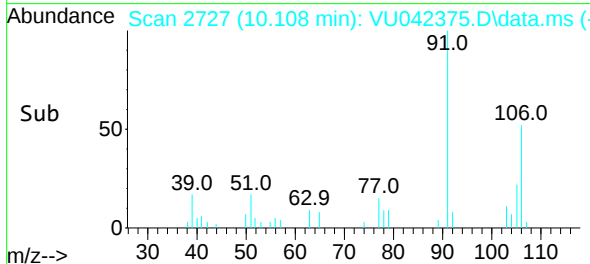
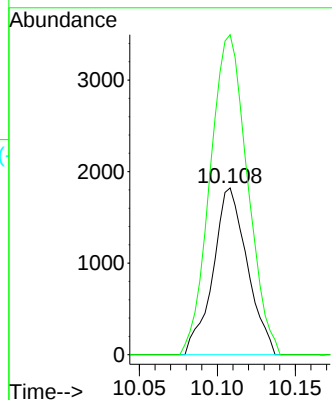
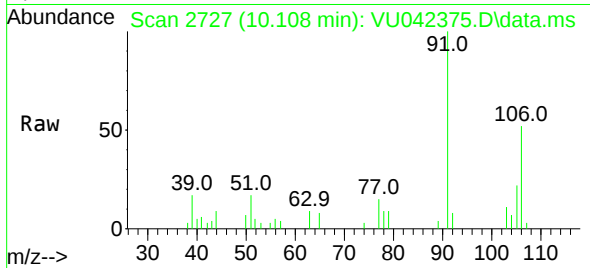
#69
o-Xylene
Concen: 1.12 ug/l
RT: 10.108 min Scan# 2727
Delta R.T. -0.000 min
Lab File: VU042375.D
Acq: 19 Feb 2021 20:31

Tgt Ion:106 Resp: 2782
Ion Ratio Lower Upper
106 100
91 209.2 111.2 333.6

Instrument :
MSVOA_U
ClientSampleId :
NWB-1579-1582

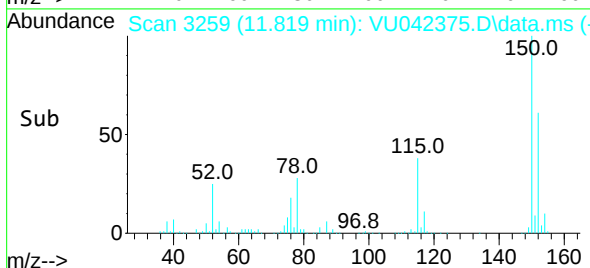
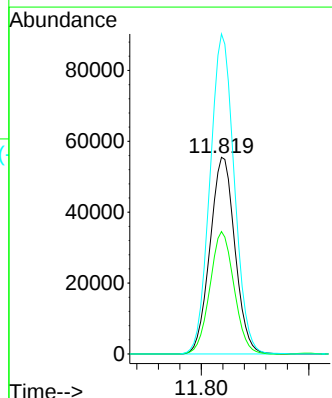
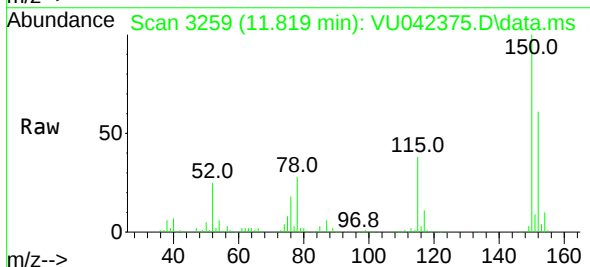
Manual Integrations
APPROVED

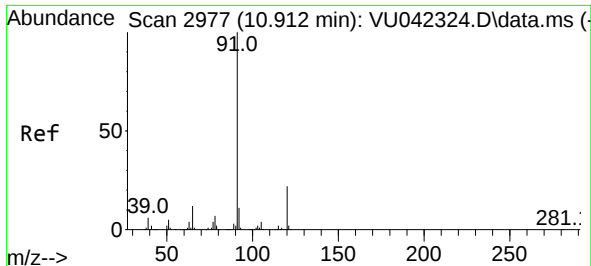
MMDadoda
2/22/2021 12:34:50 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 11.819 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VU042375.D
Acq: 19 Feb 2021 20:31

Tgt Ion:152 Resp: 89440
Ion Ratio Lower Upper
152 100
115 60.3 41.5 124.6
150 158.6 0.0 342.4





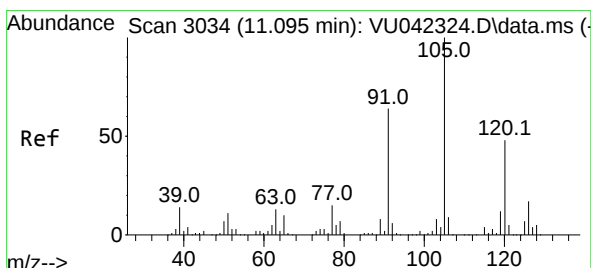
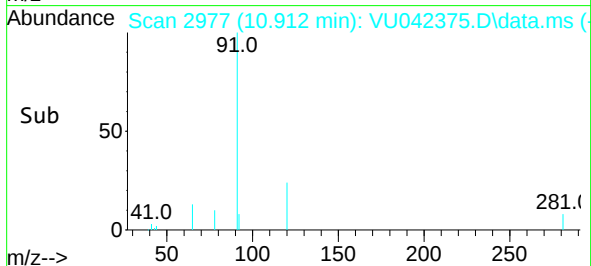
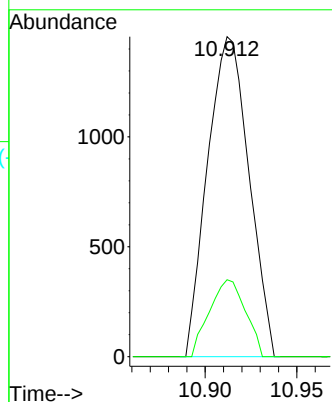
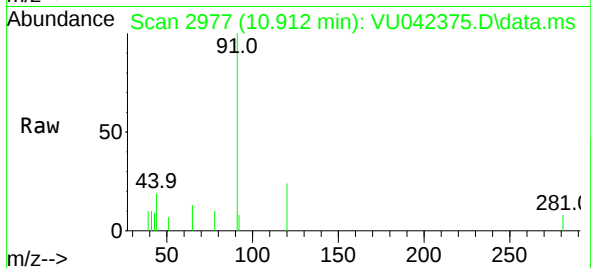
#78
n-propylbenzene
Concen: 0.33 ug/l
RT: 10.912 min Scan# 2977
Delta R.T. -0.000 min
Lab File: VU042375.D
Acq: 19 Feb 2021 20:31

Tgt Ion: 91 Resp: 2284
Ion Ratio Lower Upper
91 100
120 20.9 11.2 33.6

Instrument :
MSVOA_U
ClientSampleId :
NWB-1579-1582

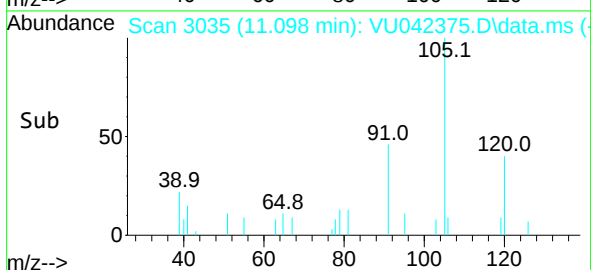
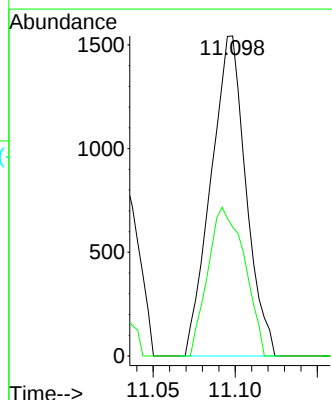
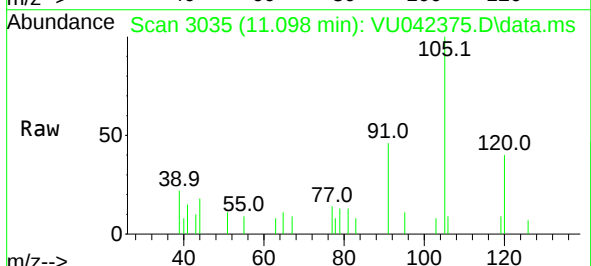
Manual Integrations
APPROVED

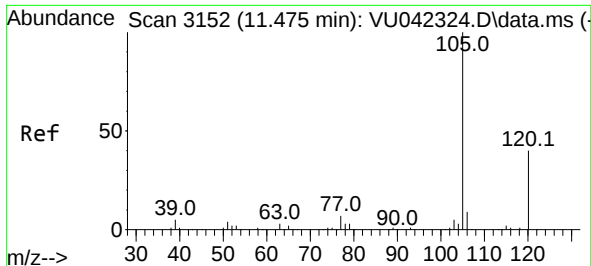
MMDadoda
2/22/2021 12:34:50 PM



#80
1,3,5-Trimethylbenzene
Concen: 0.45 ug/l
RT: 11.098 min Scan# 3035
Delta R.T. 0.003 min
Lab File: VU042375.D
Acq: 19 Feb 2021 20:31

Tgt Ion: 105 Resp: 2289
Ion Ratio Lower Upper
105 100
120 48.6 23.8 71.4





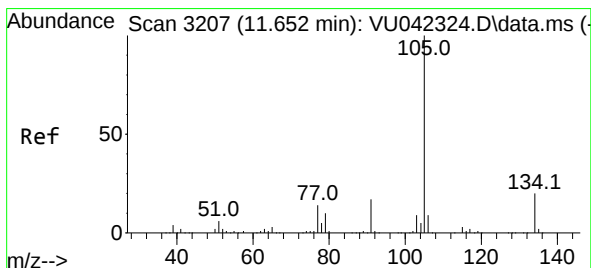
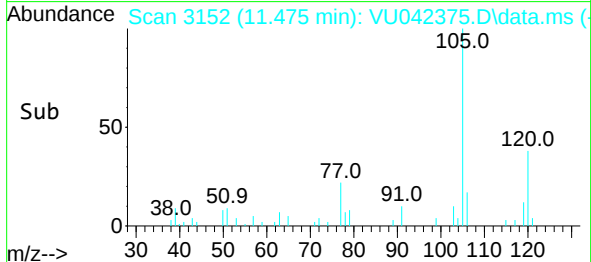
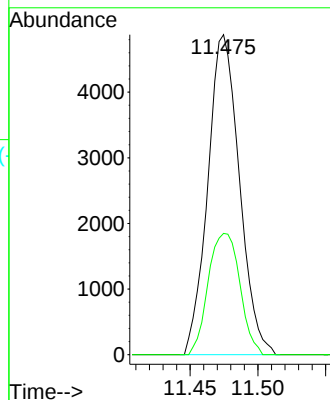
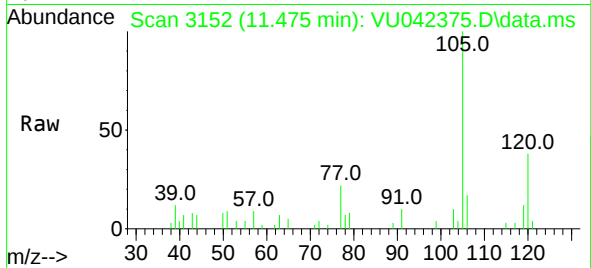
#84
1,2,4-Trimethylbenzene
Concen: 1.54 ug/l
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU042375.D
Acq: 19 Feb 2021 20:31

Tgt Ion:105 Resp: 7906
Ion Ratio Lower Upper
105 100
120 37.9 22.3 66.8

Instrument :
MSVOA_U
ClientSampleId :
NWB-1579-1582

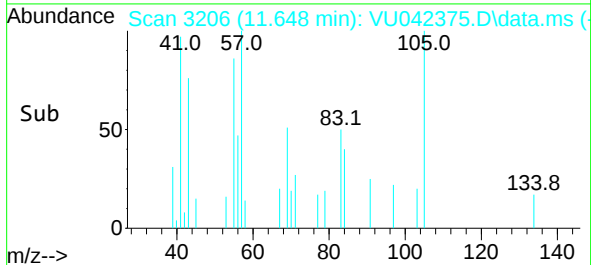
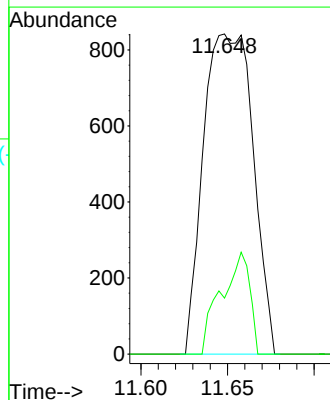
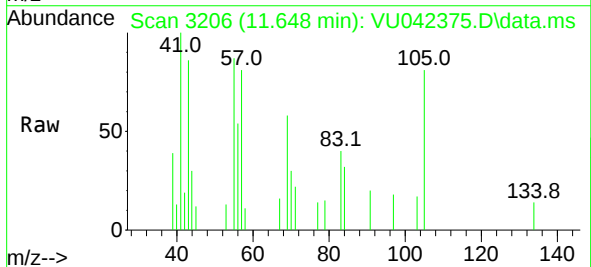
Manual Integrations
APPROVED

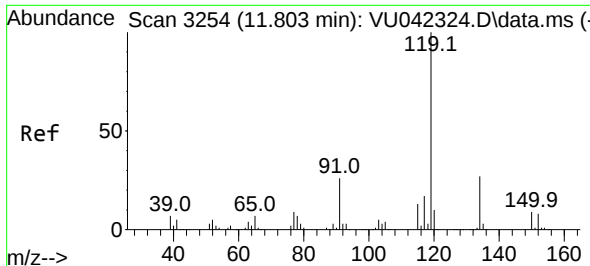
MMDadoda
2/22/2021 12:34:50 PM



#85
sec-Butylbenzene
Concen: 0.29 ug/l
RT: 11.648 min Scan# 3206
Delta R.T. -0.003 min
Lab File: VU042375.D
Acq: 19 Feb 2021 20:31

Tgt Ion:105 Resp: 1677
Ion Ratio Lower Upper
105 100
134 18.3 10.0 30.0





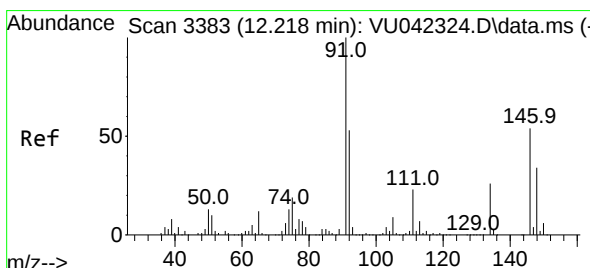
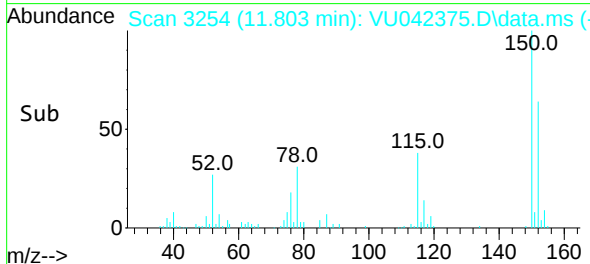
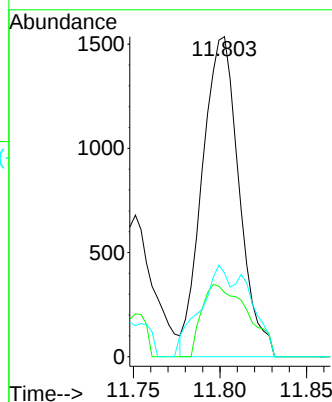
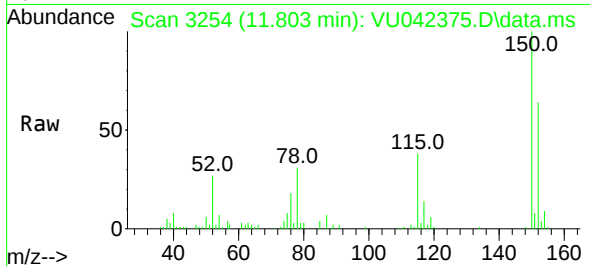
#86
p-Isopropyltoluene
Concen: 0.42 ug/l
RT: 11.803 min Scan# 3254
Delta R.T. -0.000 min
Lab File: VU042375.D
Acq: 19 Feb 2021 20:31

Tgt Ion:	119	Resp:	2264
Ion Ratio	Lower	Upper	
119	100		
134	28.1	13.2	39.6
91	23.1	12.8	38.3

Instrument :
MSVOA_U
ClientSampleId :
NWB-1579-1582

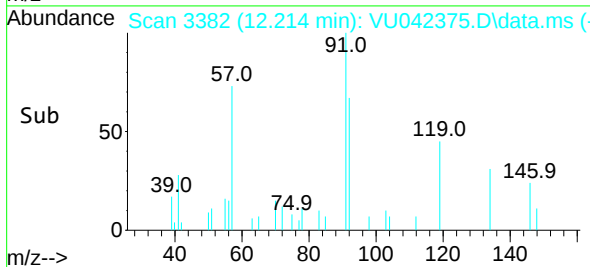
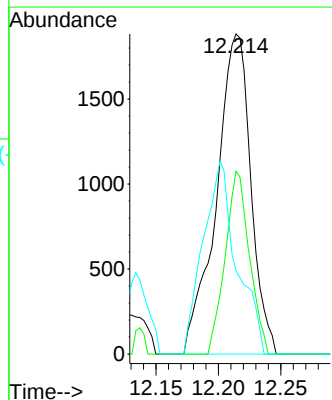
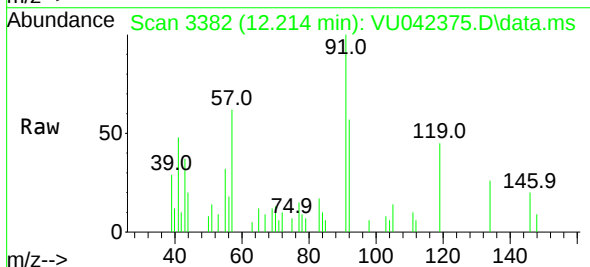
Manual Integrations
APPROVED

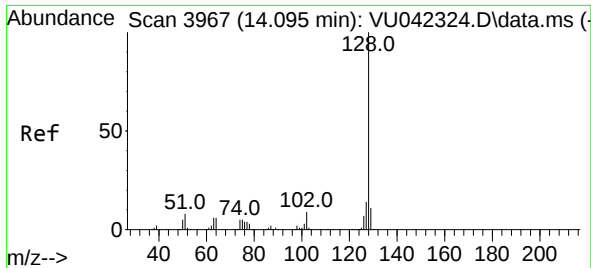
MMDadoda
2/22/2021 12:34:50 PM



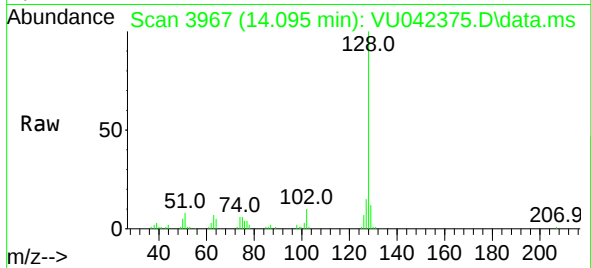
#89
n-Butylbenzene
Concen: 0.76 ug/l
RT: 12.214 min Scan# 3382
Delta R.T. -0.003 min
Lab File: VU042375.D
Acq: 19 Feb 2021 20:31

Tgt Ion:	91	Resp:	3621
Ion Ratio	Lower	Upper	
91	100		
92	40.2	26.2	78.6
134	58.6	12.7	38.1#

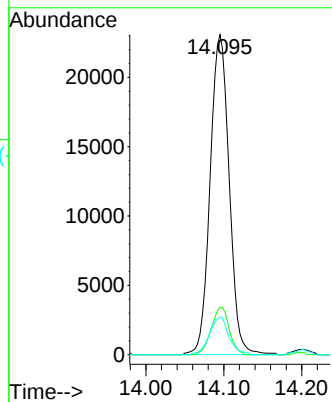
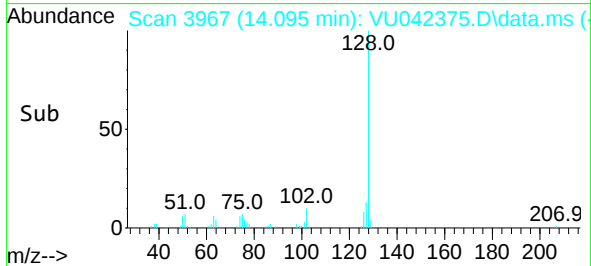




#95
Naphthalene
Concen: 8.47 ug/l
RT: 14.095 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VU042375.D
Acq: 19 Feb 2021 20:31



Tgt Ion:128 Resp: 39254
Ion Ratio Lower Upper
128 100
127 14.0 10.8 16.2
129 12.0 8.6 13.0



Instrument :
MSVOA_U
ClientSampleId :
NWB-1579-1582

Manual Integrations
APPROVED

MMDadoda
2/22/2021 12:34:50 PM