

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070721\
 Data File : VN067649.D
 Acq On : 7 Jul 2021 21:37
 Operator : JC/MD
 Sample : M2928-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TOTE-COMP-64-66

Manual Integrations
 APPROVED

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 7/8/2021 6:04:55 PM

Quant Time: Jul 08 06:11:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 07 16:18:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	462591	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1031832	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	888656	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	365430	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	338190	48.374	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.740%		
35) Dibromofluoromethane	8.018	113	235268	37.739	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	75.480%		
50) Toluene-d8	10.443	98	1203656	46.127	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	92.260%		
62) 4-Bromofluorobenzene	12.733	95	402130	43.625	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	87.240%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.374	59	50900	50.665	ug/l	98
13) Acrolein	4.041	56	11244	19.124	ug/l	88
16) Acetone	4.277	43	1127690	512.625	ug/l	93
17) Carbon Disulfide	4.508	76	14388m	1.263	ug/l	
18) Methyl Acetate	4.856	43	36748	5.947	ug/l #	88
25) 2-Butanone	7.335	43	226075	61.889	ug/l	93
37) Ethyl Acetate	7.415	43	61707	6.645	ug/l	98
39) Methylcyclohexane	9.459	83	15485	1.476	ug/l	89
40) Benzene	8.456	78	777649	27.105	ug/l	98
51) 4-Methyl-2-Pentanone	10.333	43	66790	6.655	ug/l	93
52) Toluene	10.507	92	683054	36.345	ug/l	99
67) Ethyl Benzene	11.848	91	290482	8.743	ug/l	97
68) m/p-Xylenes	11.950	106	452235	35.986	ug/l	87
69) o-Xylene	12.283	106	352461	28.527	ug/l	87
73) Isopropylbenzene	12.581	105	63135	2.141	ug/l	98
78) n-propylbenzene	12.924	91	103920	3.116	ug/l	96
80) 1,3,5-Trimethylbenzene	13.061	105	259255	10.852	ug/l	93
84) 1,2,4-Trimethylbenzene	13.372	105	589441	25.180	ug/l	93
86) p-Isopropyltoluene	13.618	119	32819	1.442	ug/l	93
95) Naphthalene	15.509	128	1881971	101.860	ug/l	100

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

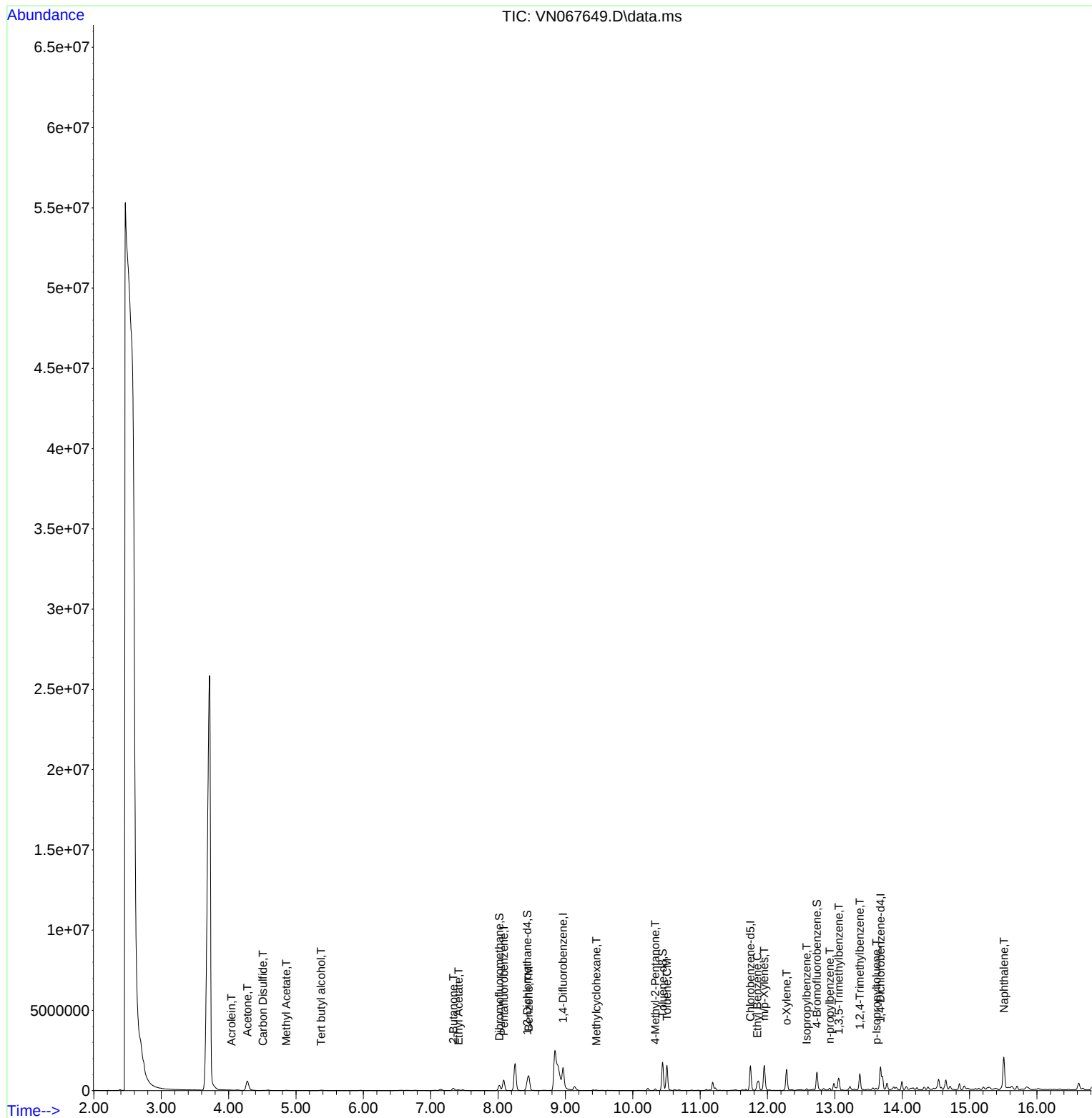
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070721\
Data File : VN067649.D
Acq On : 7 Jul 2021 21:37
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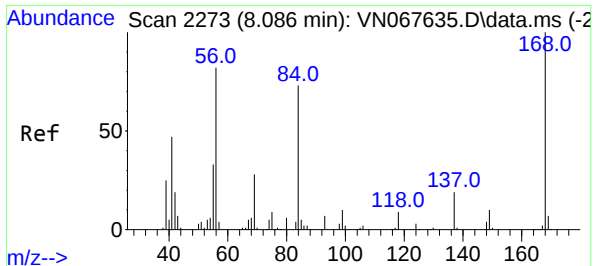
Instrument :
MSVOA_N
ClientSampleId :
TOTE-COMP-64-66

Manual Integrations
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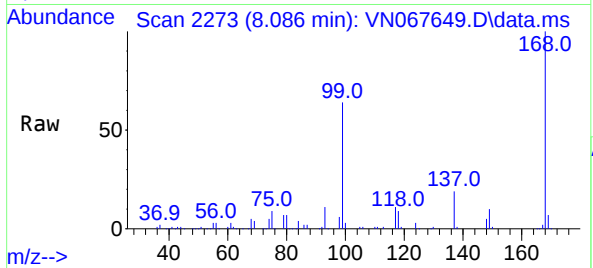
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Quant Time: Jul 08 06:11:16 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 07 16:18:53 2021
Response via : Initial Calibration

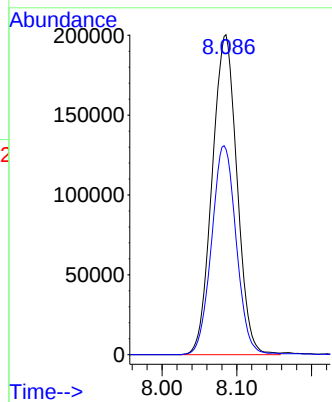
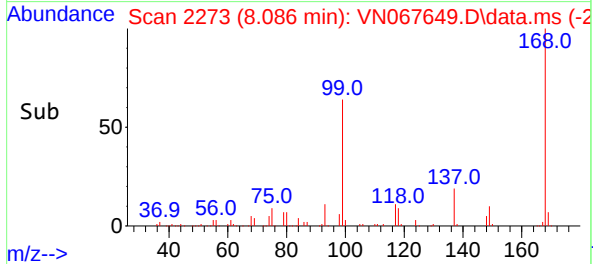




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.000 min
Lab File: VN067649.D
Acq: 7 Jul 2021 21:37



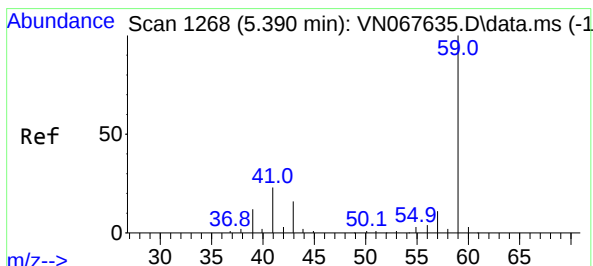
Tgt Ion:168 Resp: 462591
Ion Ratio Lower Upper
168 100
99 64.3 62.9 94.3



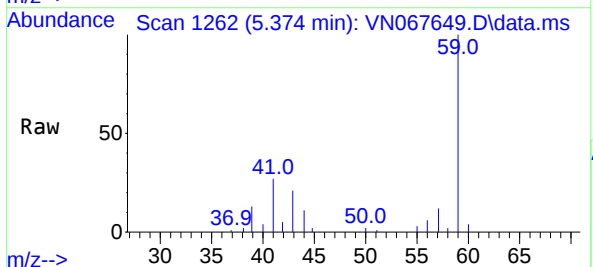
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ClientSampleId :
TOTE-COMP-64-66

Manual Integrations
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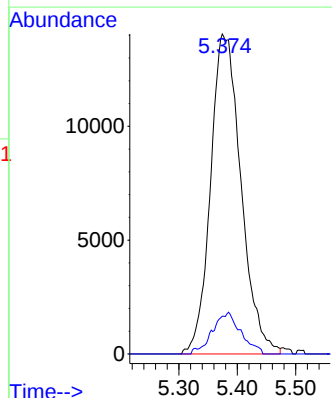
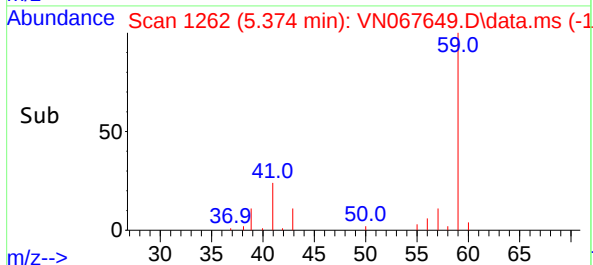
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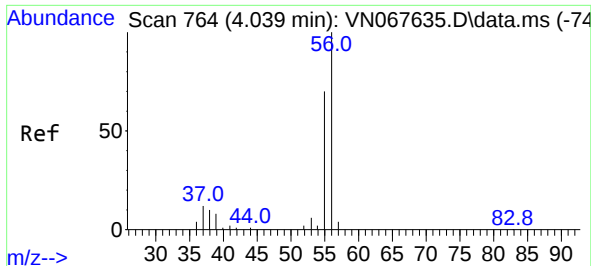


#11
Tert butyl alcohol
Concen: 50.665 ug/l
RT: 5.374 min Scan# 1262
Delta R.T. -0.016 min
Lab File: VN067649.D
Acq: 7 Jul 2021 21:37



Tgt Ion: 59 Resp: 50900
Ion Ratio Lower Upper
59 100
57 11.7 8.7 13.1





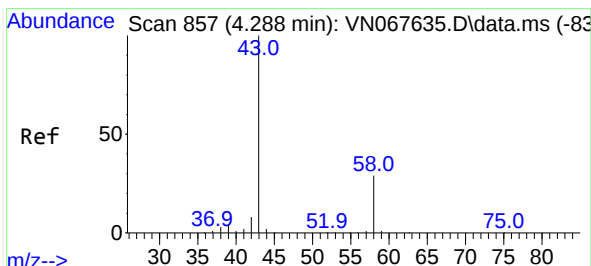
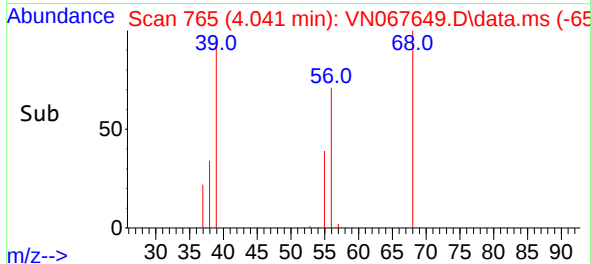
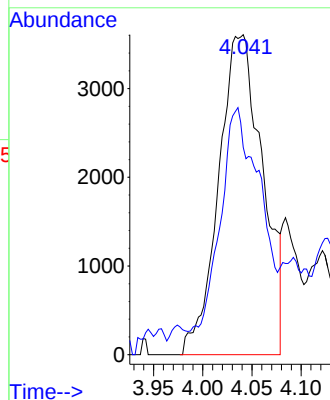
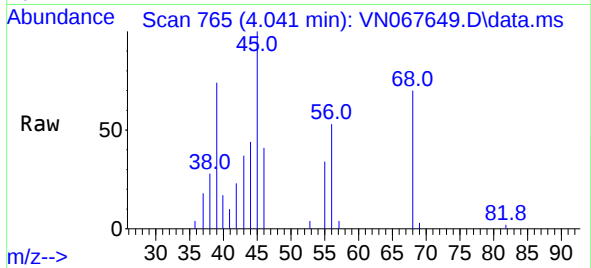
#13
Acrolein
Concen: 19.124 ug/l
RT: 4.041 min Scan# 765
Delta R.T. 0.002 min
Lab File: VN067649.D
Acq: 7 Jul 2021 21:37

Tgt Ion: 56 Resp: 11244
Ion Ratio Lower Upper
56 100
55 61.5 57.4 86.0

Instrument :
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ClientSampleId :
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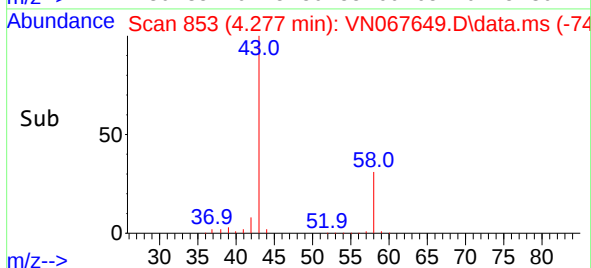
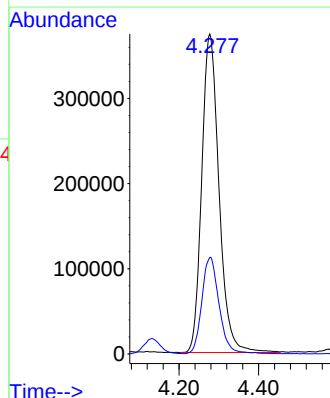
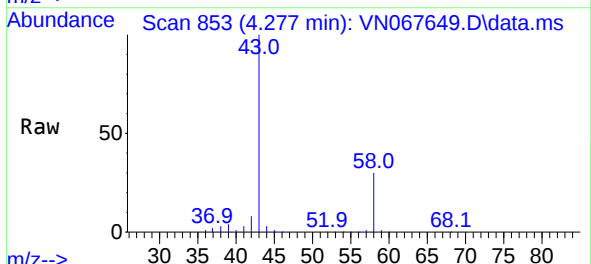
Manual Integrations
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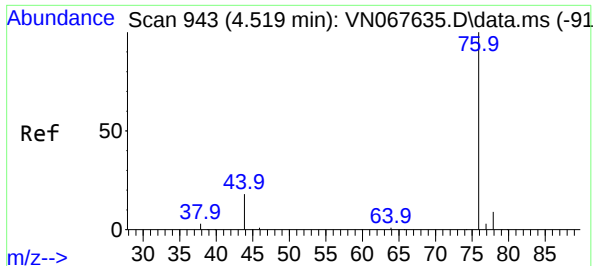
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#16
Acetone
Concen: 512.625 ug/l
RT: 4.277 min Scan# 853
Delta R.T. -0.011 min
Lab File: VN067649.D
Acq: 7 Jul 2021 21:37

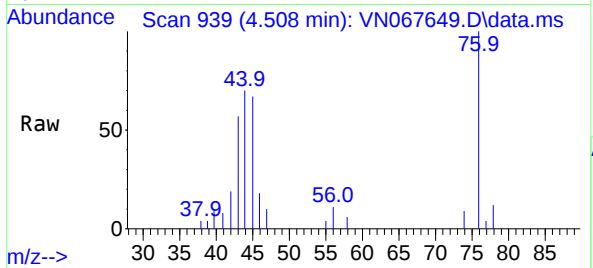
Tgt Ion: 43 Resp: 1127690
Ion Ratio Lower Upper
43 100
58 30.1 21.2 31.8



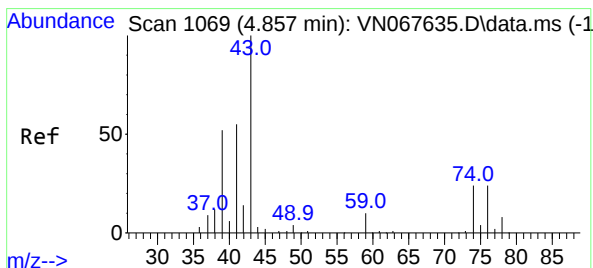
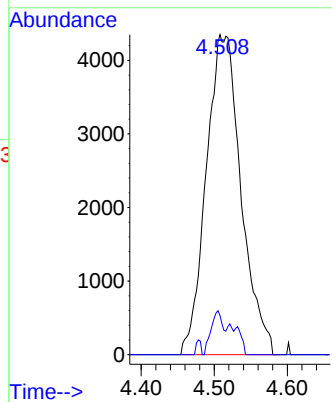
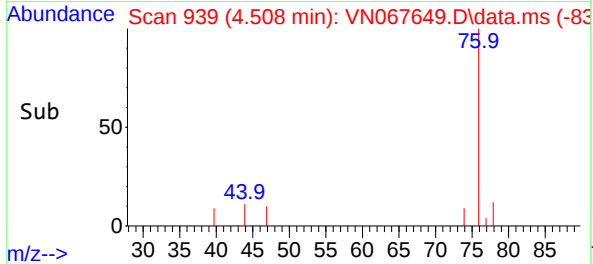


#17
Carbon Disulfide
Concen: 1.263 ug/l m
RT: 4.508 min Scan# 939
Delta R.T. -0.011 min
Lab File: VN067649.D
Acq: 7 Jul 2021 21:37

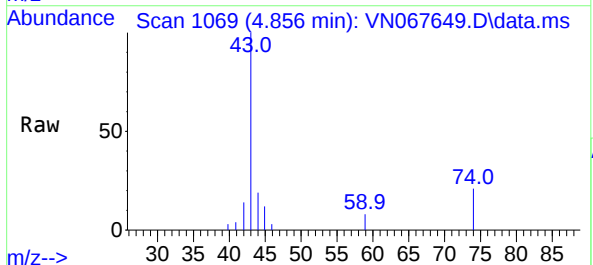
Instrument :
MSVOA_N
ClientSampleId :
TOTE-COMP-64-66



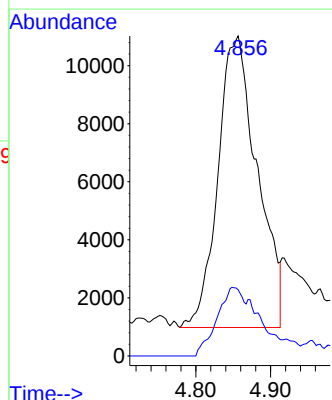
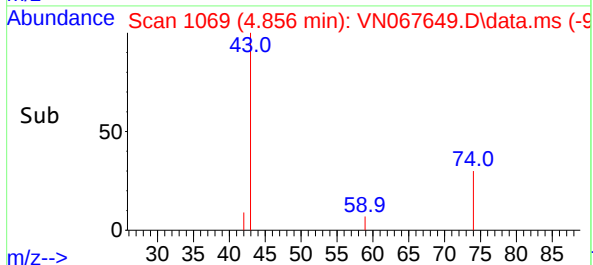
Tgt Ion: 76 Resp: 14388
Ion Ratio Lower Upper
76 100
78 12.2 7.7 11.5#

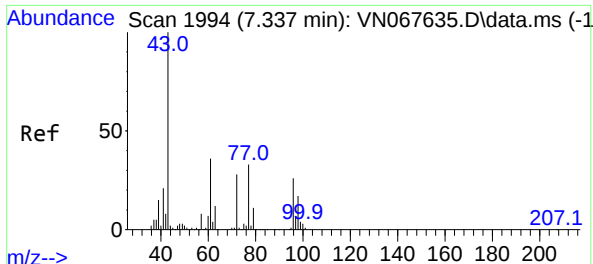


#18
Methyl Acetate
Concen: 5.947 ug/l
RT: 4.856 min Scan# 1069
Delta R.T. -0.001 min
Lab File: VN067649.D
Acq: 7 Jul 2021 21:37



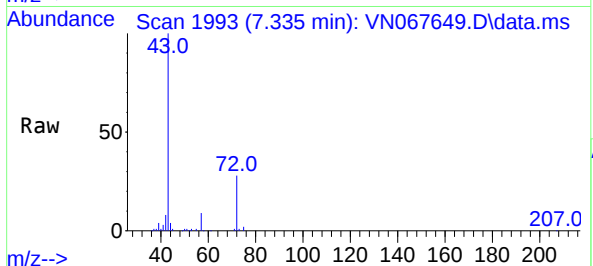
Tgt Ion: 43 Resp: 36748
Ion Ratio Lower Upper
43 100
74 15.9 17.4 26.0#





#25
2-Butanone
Concen: 61.889 ug/l
RT: 7.335 min Scan# 1993
Delta R.T. -0.002 min
Lab File: VN067649.D
Acq: 7 Jul 2021 21:37

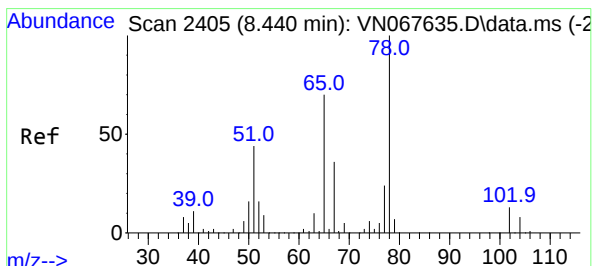
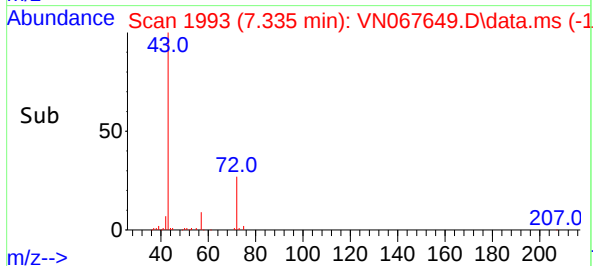
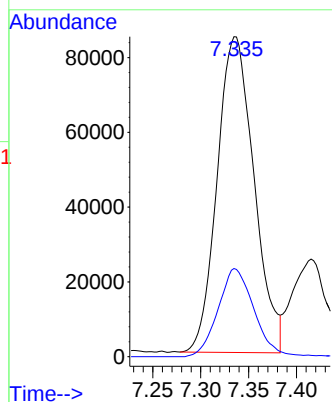
Instrument :
MSVOA_N
ClientSampleId :
TOTE-COMP-64-66



Tgt Ion: 43 Resp: 226075
Ion Ratio Lower Upper
43 100
72 28.0 19.7 29.5

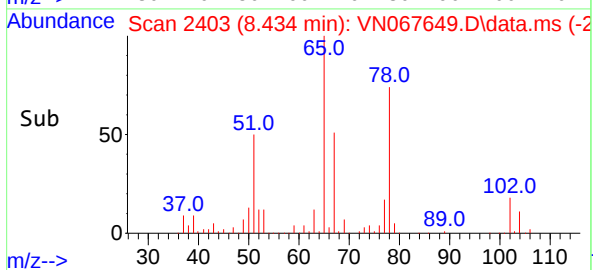
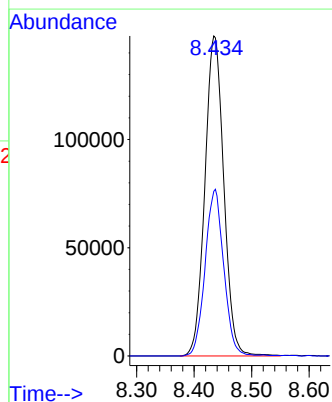
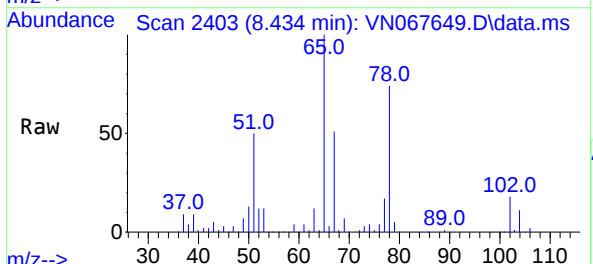
Manual Integrations
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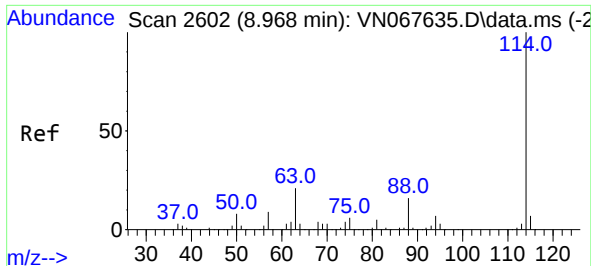
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#33
1,2-Dichloroethane-d4
Concen: 48.374 ug/l
RT: 8.434 min Scan# 2403
Delta R.T. -0.006 min
Lab File: VN067649.D
Acq: 7 Jul 2021 21:37

Tgt Ion: 65 Resp: 338190
Ion Ratio Lower Upper
65 100
67 51.1 0.0 98.6





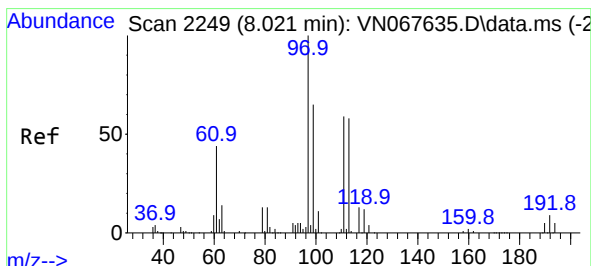
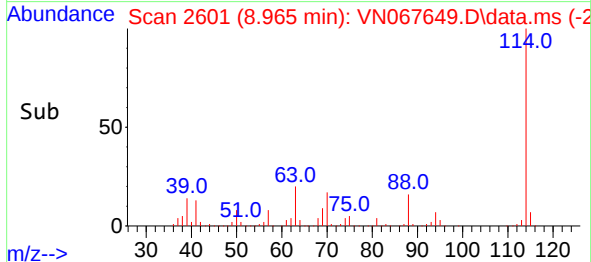
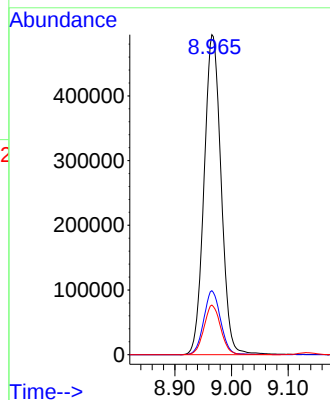
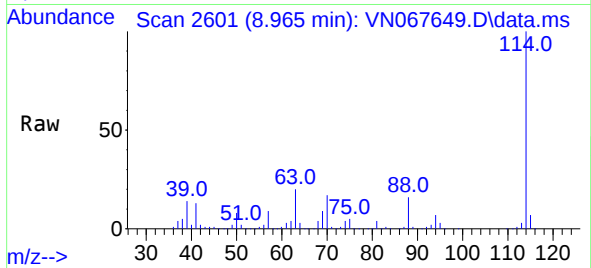
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.965 min Scan# 2601
Delta R.T. -0.003 min
Lab File: VN067649.D
Acq: 7 Jul 2021 21:37

Tgt Ion:114 Resp: 1031832
Ion Ratio Lower Upper
114 100
63 20.0 0.0 49.0
88 15.5 0.0 36.6

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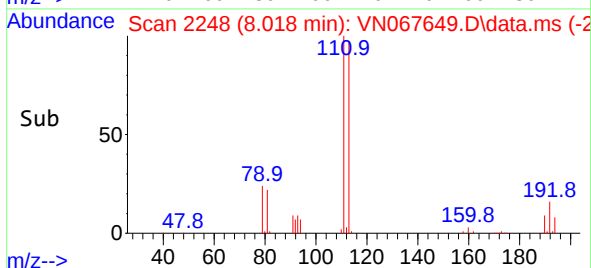
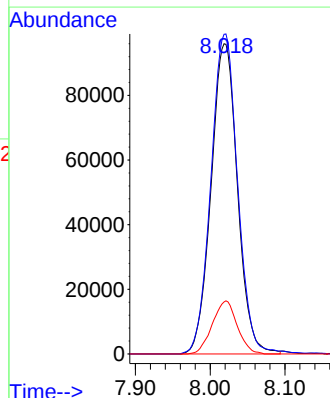
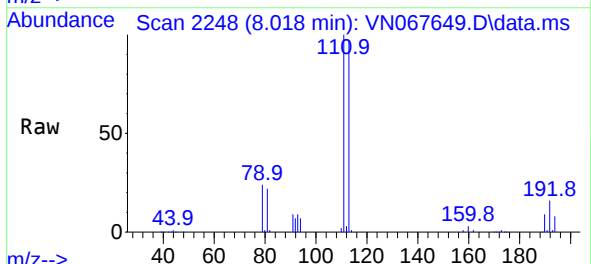
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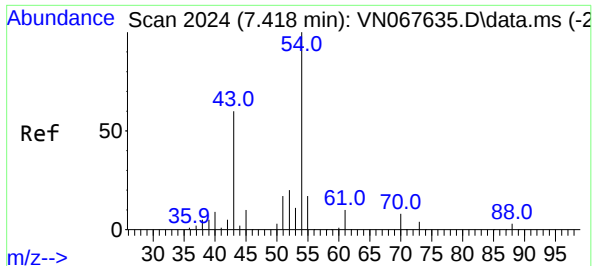
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#35
Dibromofluoromethane
Concen: 37.739 ug/l
RT: 8.018 min Scan# 2248
Delta R.T. -0.003 min
Lab File: VN067649.D
Acq: 7 Jul 2021 21:37

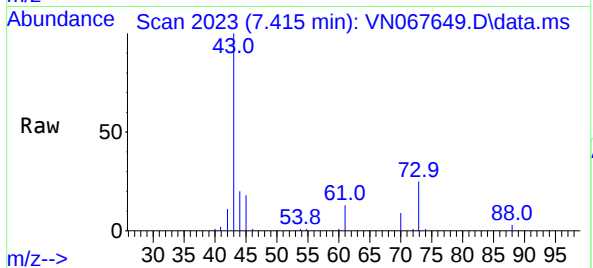
Tgt Ion:113 Resp: 235268
Ion Ratio Lower Upper
113 100
111 104.7 83.8 125.8
192 16.1 13.4 20.0





#37
Ethyl Acetate
Concen: 6.645 ug/l
RT: 7.415 min Scan# 2023
Delta R.T. -0.003 min
Lab File: VN067649.D
Acq: 7 Jul 2021 21:37

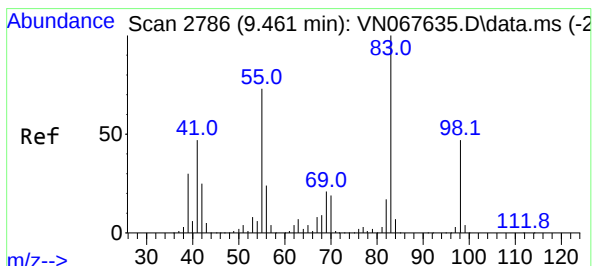
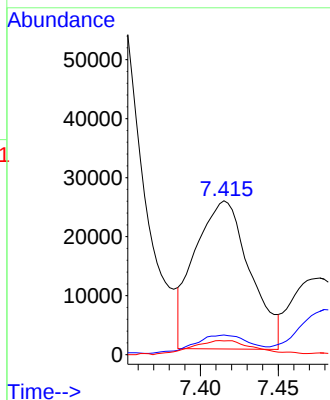
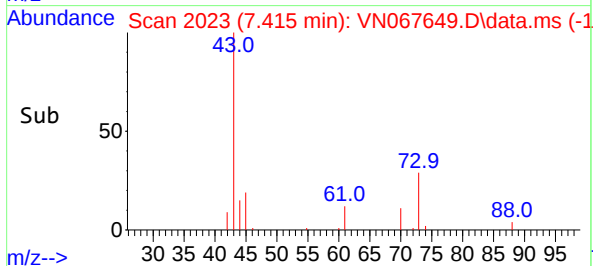
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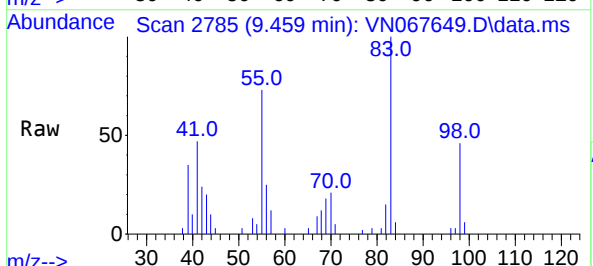
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Ion Ratio Lower Upper
43 100
61 12.6 10.6 16.0
70 10.9 8.1 12.1

Manual Integrations
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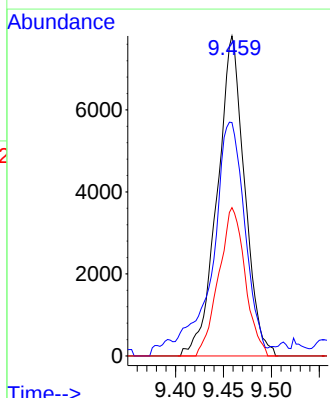
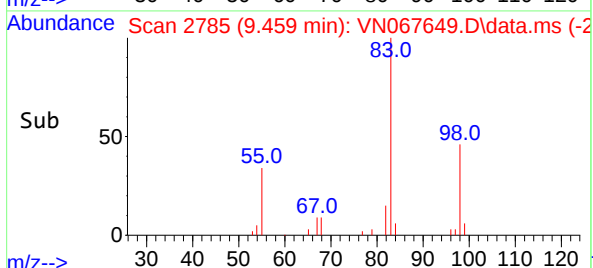
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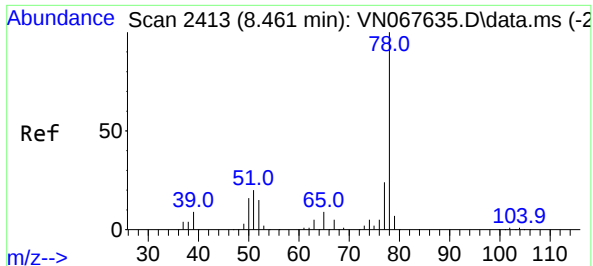


#39
Methylcyclohexane
Concen: 1.476 ug/l
RT: 9.459 min Scan# 2785
Delta R.T. -0.002 min
Lab File: VN067649.D
Acq: 7 Jul 2021 21:37



Tgt Ion: 83 Resp: 15485
Ion Ratio Lower Upper
83 100
55 69.9 66.6 99.8
98 46.3 35.3 52.9





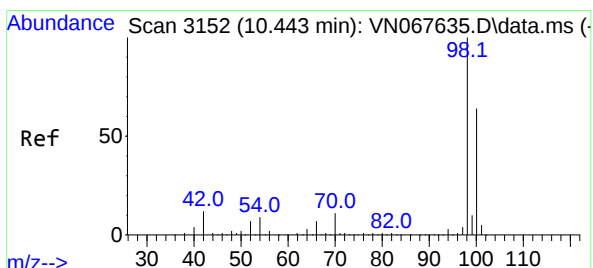
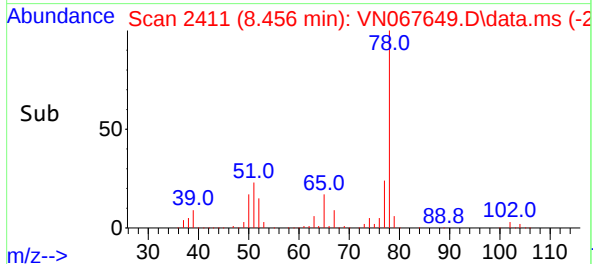
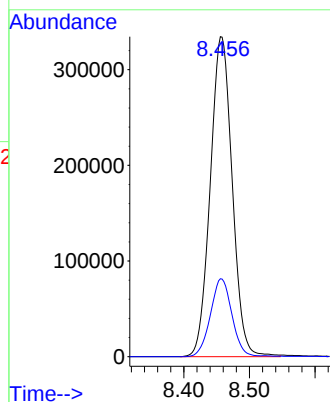
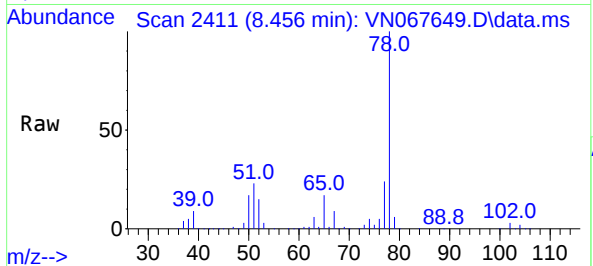
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Benzene
Concen: 27.105 ug/l
RT: 8.456 min Scan# 2411
Delta R.T. -0.005 min
Lab File: VN067649.D
Acq: 7 Jul 2021 21:37

Tgt Ion: 78 Resp: 777649
Ion Ratio Lower Upper
78 100
77 24.4 18.9 28.3

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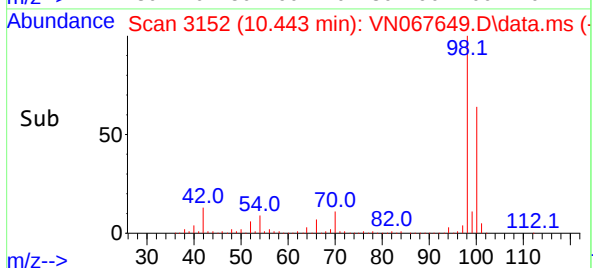
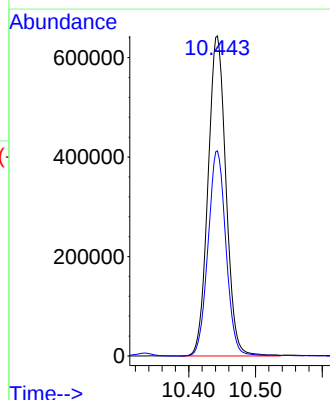
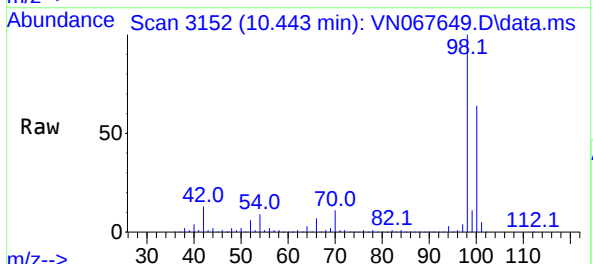
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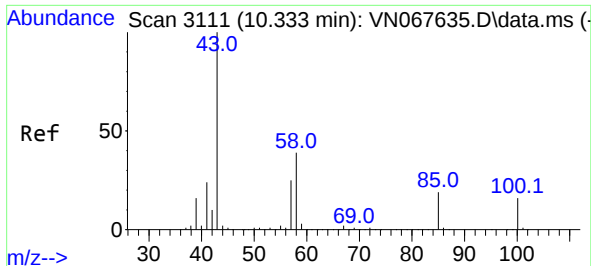
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#50
Toluene-d8
Concen: 46.127 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN067649.D
Acq: 7 Jul 2021 21:37

Tgt Ion: 98 Resp: 1203656
Ion Ratio Lower Upper
98 100
100 63.7 51.7 77.5





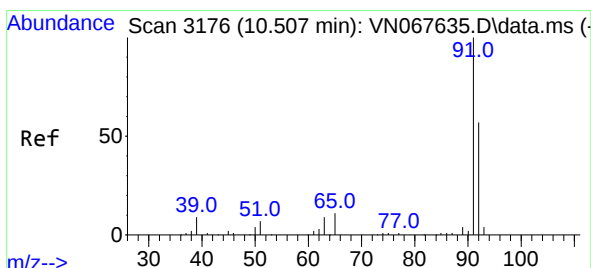
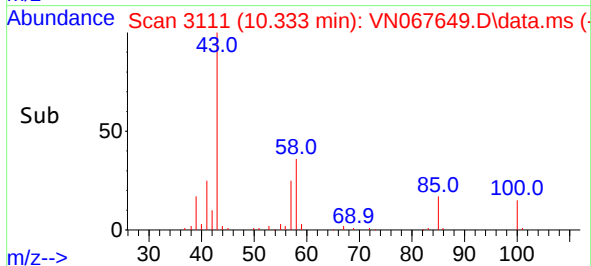
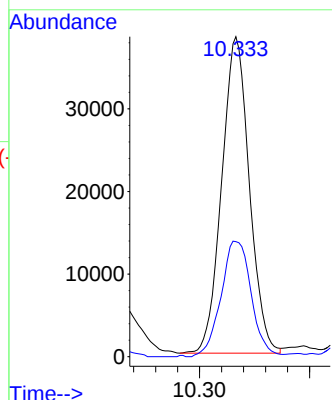
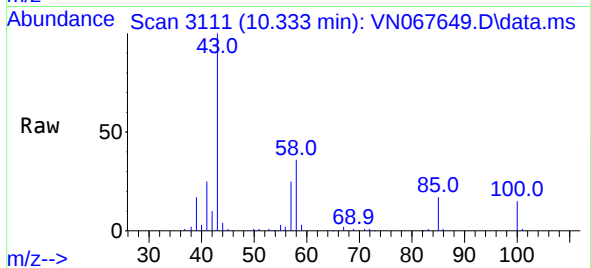
#51
4-Methyl-2-Pentanone
Concen: 6.655 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.000 min
Lab File: VN067649.D
Acq: 7 Jul 2021 21:37

Tgt Ion: 43 Resp: 66790
Ion Ratio Lower Upper
43 100
58 39.9 28.6 43.0

Instrument :
MSVOA_N
ClientSampleId :
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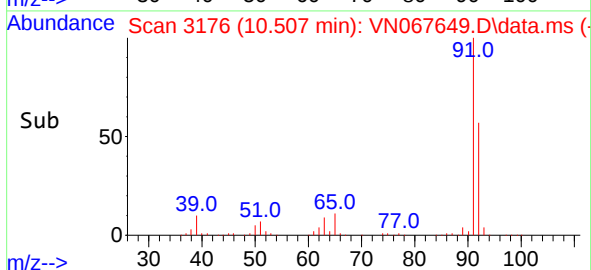
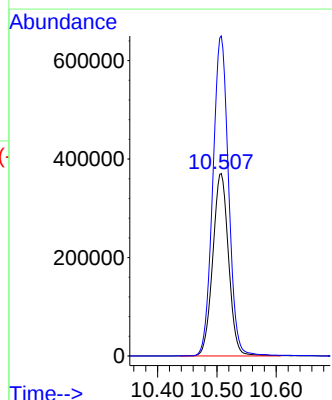
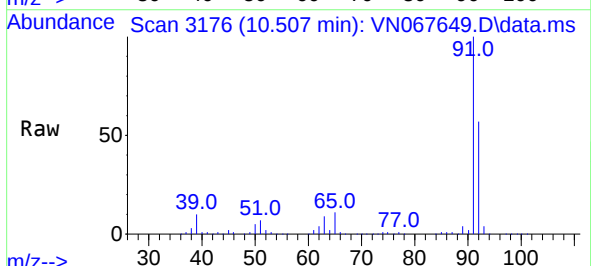
Manual Integrations
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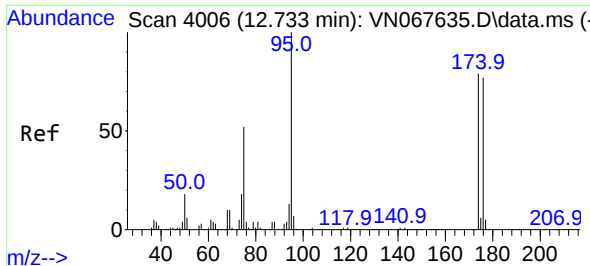
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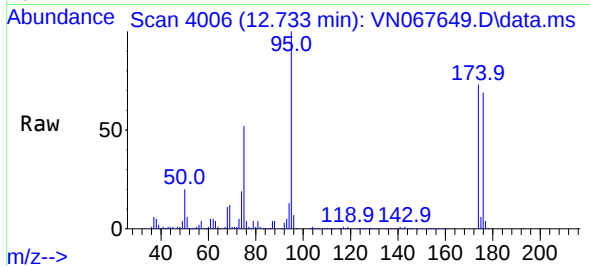
#52
Toluene
Concen: 36.345 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN067649.D
Acq: 7 Jul 2021 21:37

Tgt Ion: 92 Resp: 683054
Ion Ratio Lower Upper
92 100
91 175.2 139.6 209.4

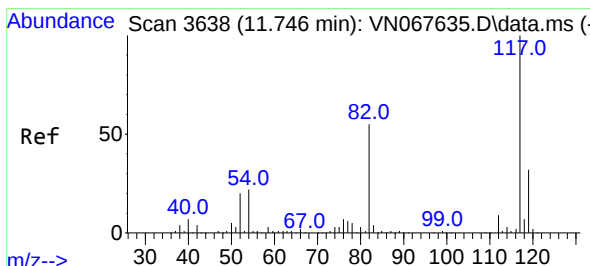
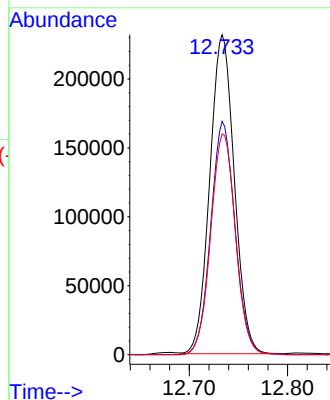
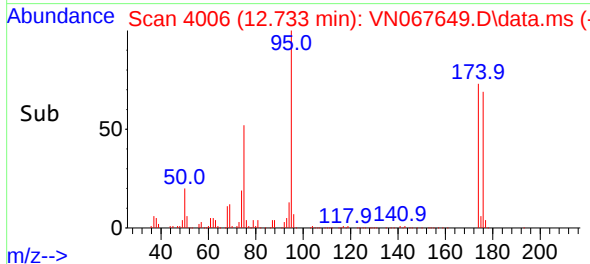




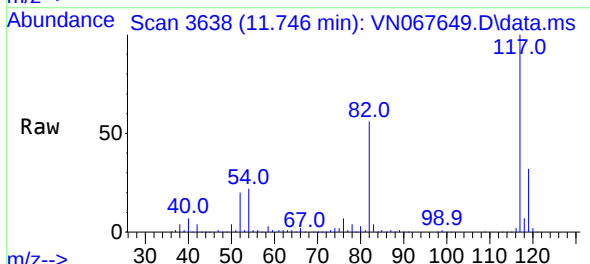
#62
4-Bromofluorobenzene
Concen: 43.625 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN067649.D
Acq: 7 Jul 2021 21:37



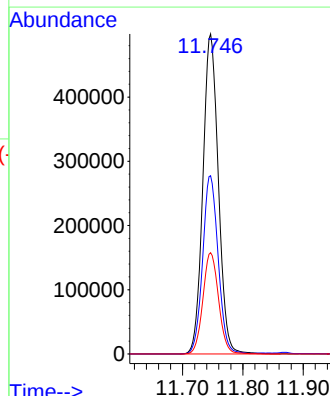
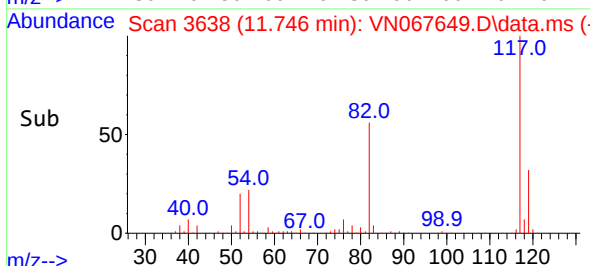
Tgt Ion: 95 Resp: 402130
Ion Ratio Lower Upper
95 100
174 72.4 0.0 122.0
176 69.7 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN067649.D
Acq: 7 Jul 2021 21:37



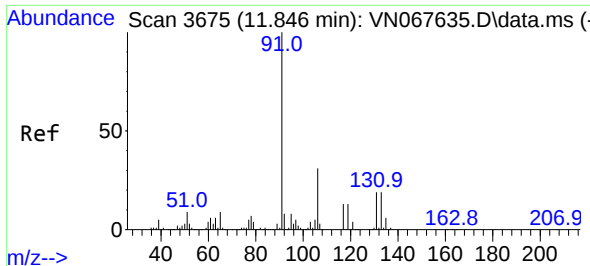
Tgt Ion: 117 Resp: 888656
Ion Ratio Lower Upper
117 100
82 55.7 53.1 79.7
119 31.7 25.5 38.3



Instrument :
MSVOA_N
ClientSampleId :
TOTE-COMP-64-66

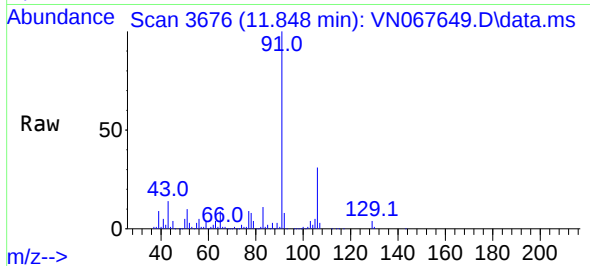
Manual Integrations
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#67
Ethyl Benzene
Concen: 8.743 ug/l
RT: 11.848 min Scan# 3676
Delta R.T. 0.002 min
Lab File: VN067649.D
Acq: 7 Jul 2021 21:37

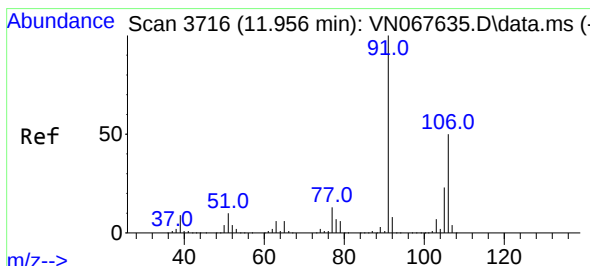
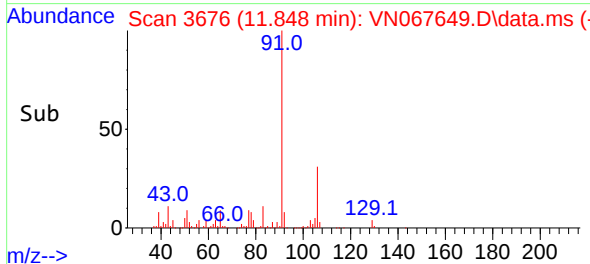
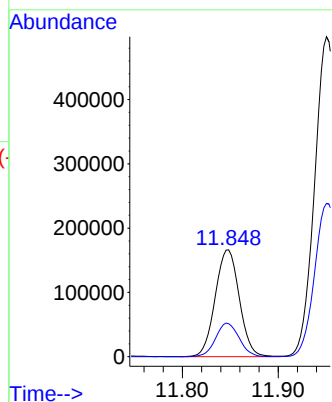
Instrument :
MSVOA_N
ClientSampleId :
TOTE-COMP-64-66



Tgt Ion: 91 Resp: 290482
Ion Ratio Lower Upper
91 100
106 30.9 23.4 35.0

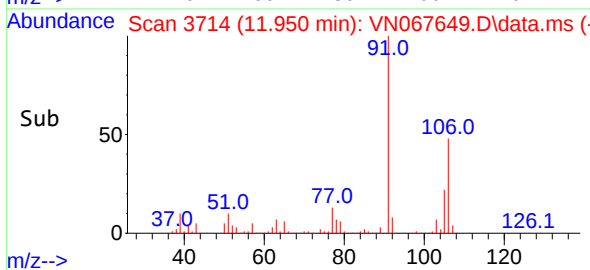
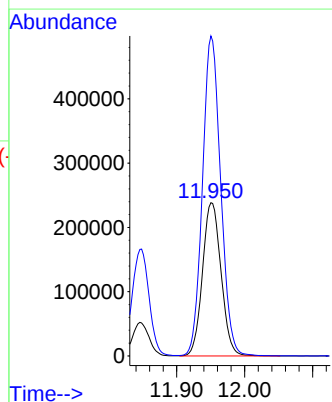
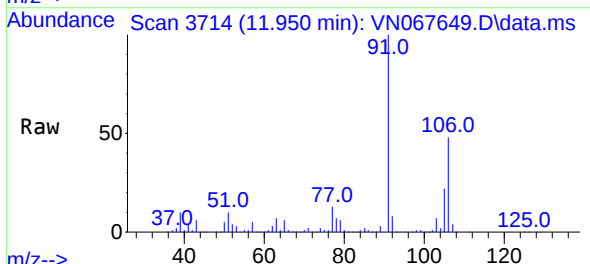
Manual Integrations
APPROVED

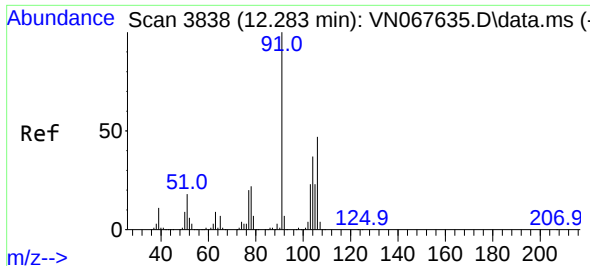
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#68
m/p-Xylenes
Concen: 35.986 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. -0.006 min
Lab File: VN067649.D
Acq: 7 Jul 2021 21:37

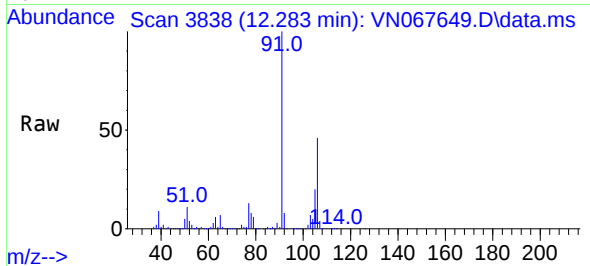
Tgt Ion: 106 Resp: 452235
Ion Ratio Lower Upper
106 100
91 204.7 180.6 270.8





#69
o-Xylene
Concen: 28.527 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. -0.000 min
Lab File: VN067649.D
Acq: 7 Jul 2021 21:37

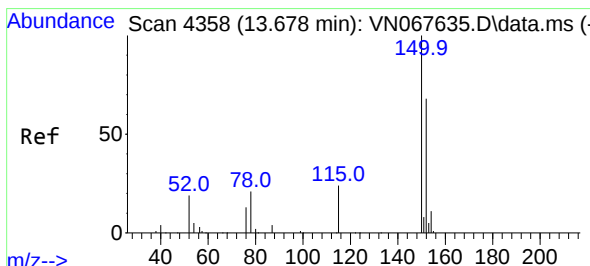
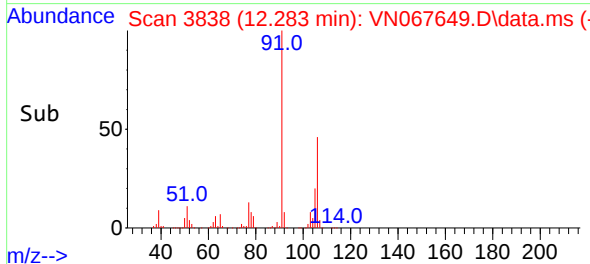
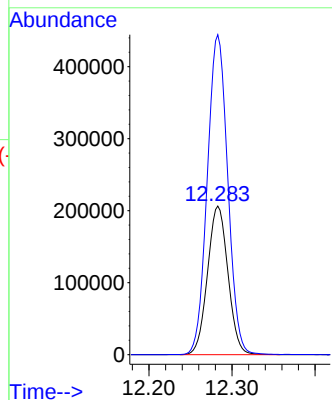
Instrument :
MSVOA_N
ClientSampleId :
TOTE-COMP-64-66



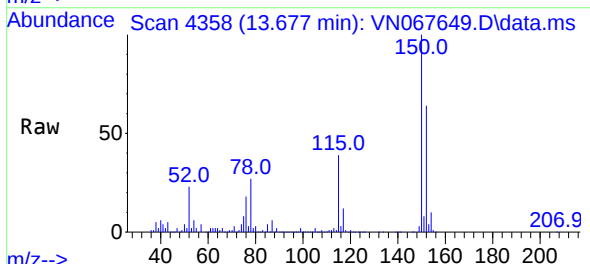
Tgt Ion:106 Resp: 352461
Ion Ratio Lower Upper
106 100
91 215.5 118.3 354.9

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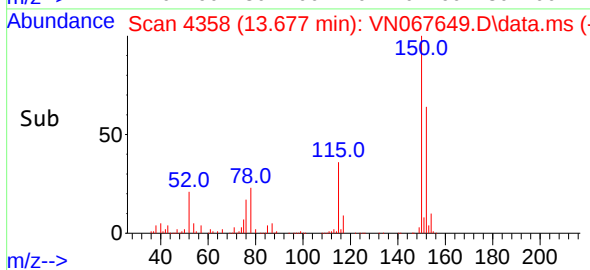
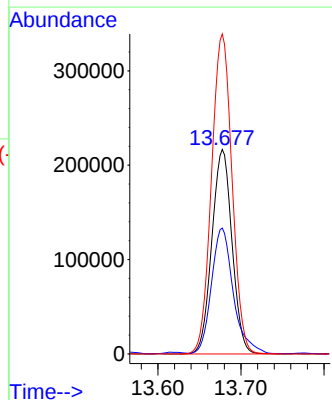
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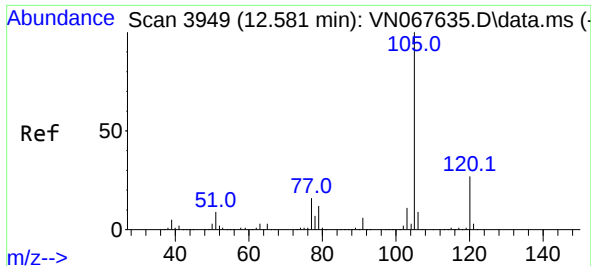


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. -0.000 min
Lab File: VN067649.D
Acq: 7 Jul 2021 21:37

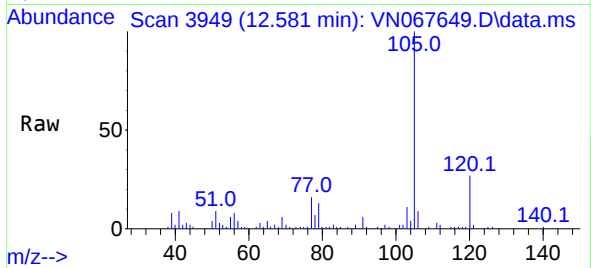


Tgt Ion:152 Resp: 365430
Ion Ratio Lower Upper
152 100
115 66.4 36.1 108.5
150 159.1 0.0 351.8

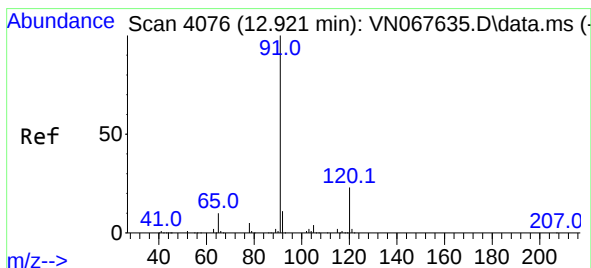
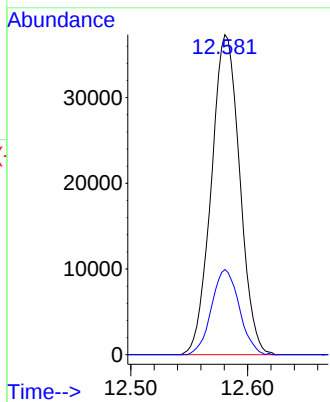
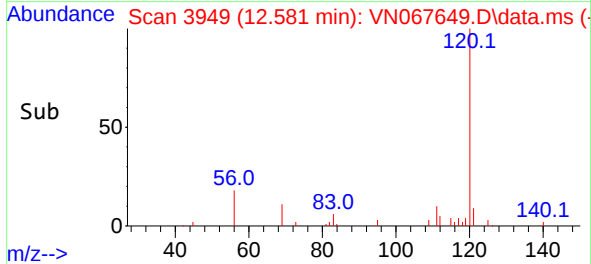




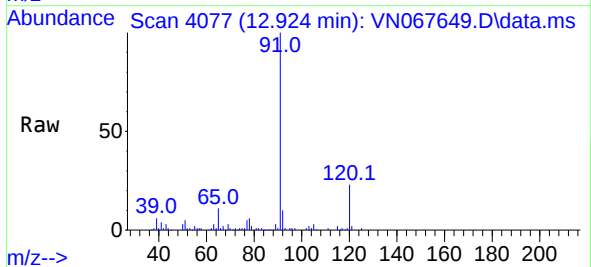
#73
Isopropylbenzene
Concen: 2.141 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. -0.000 min
Lab File: VN067649.D
Acq: 7 Jul 2021 21:37



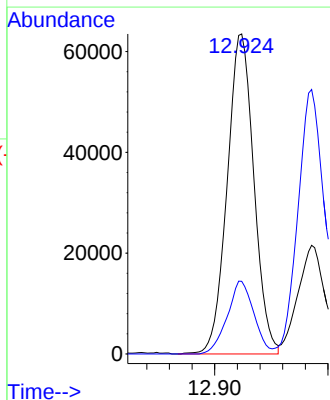
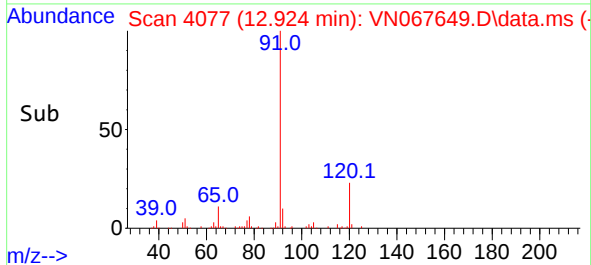
Tgt Ion: 105 Resp: 63135
Ion Ratio Lower Upper
105 100
120 25.9 12.5 37.5



#78
n-propylbenzene
Concen: 3.116 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. 0.003 min
Lab File: VN067649.D
Acq: 7 Jul 2021 21:37



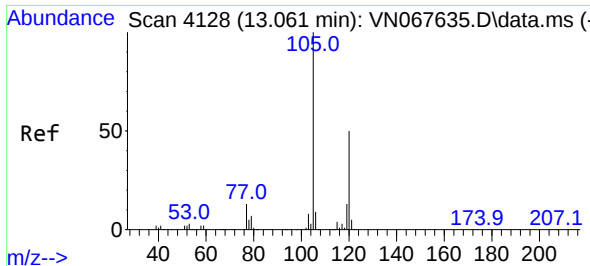
Tgt Ion: 91 Resp: 103920
Ion Ratio Lower Upper
91 100
120 22.6 10.4 31.4



Instrument :
MSVOA_N
ClientSampleId :
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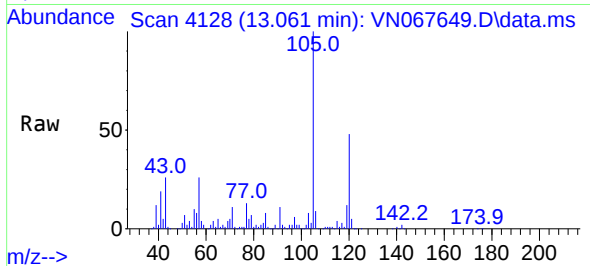
Manual Integrations
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#80
1,3,5-Trimethylbenzene
Concen: 10.852 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN067649.D
Acq: 7 Jul 2021 21:37

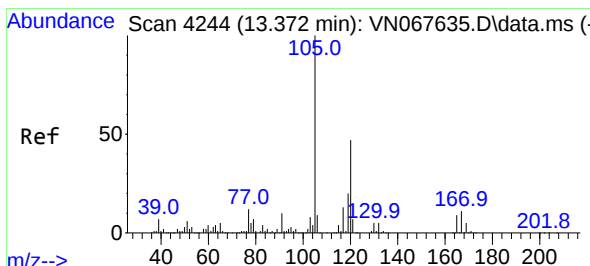
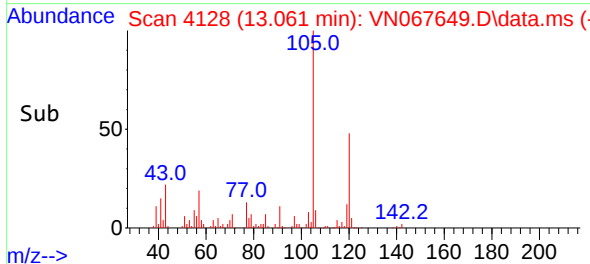
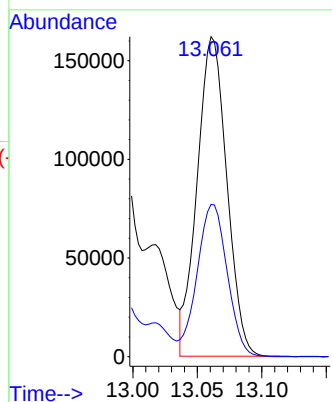
Instrument :
MSVOA_N
ClientSampleId :
TOTE-COMP-64-66



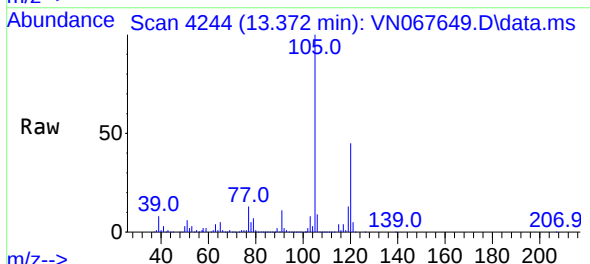
Tgt Ion:105 Resp: 259255
Ion Ratio Lower Upper
105 100
120 48.6 22.2 66.6

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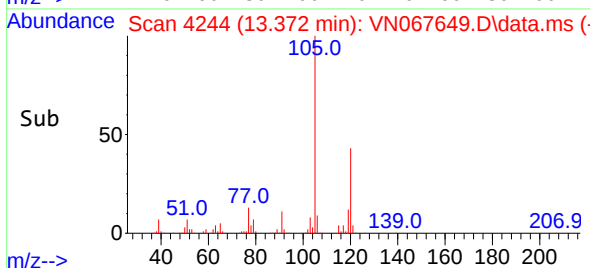
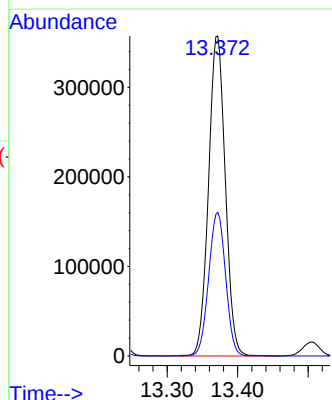
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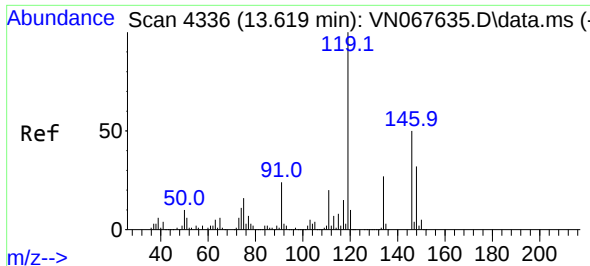


#84
1,2,4-Trimethylbenzene
Concen: 25.180 ug/l
RT: 13.372 min Scan# 4244
Delta R.T. -0.000 min
Lab File: VN067649.D
Acq: 7 Jul 2021 21:37



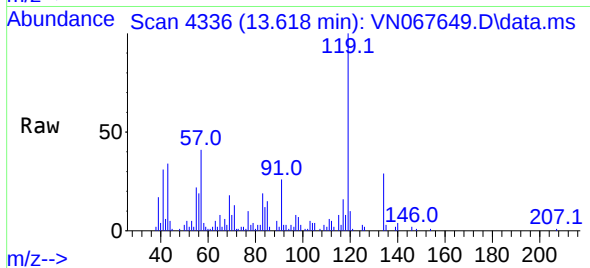
Tgt Ion:105 Resp: 589441
Ion Ratio Lower Upper
105 100
120 45.4 20.6 61.8





#86
p-Isopropyltoluene
Concen: 1.442 ug/l
RT: 13.618 min Scan# 4336
Delta R.T. -0.001 min
Lab File: VN067649.D
Acq: 7 Jul 2021 21:37

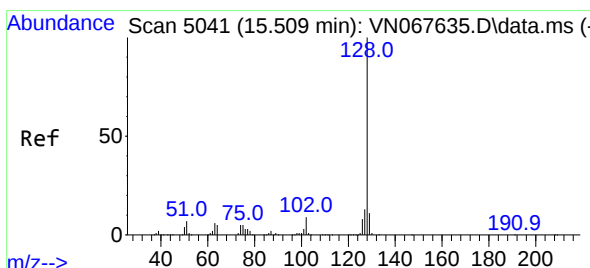
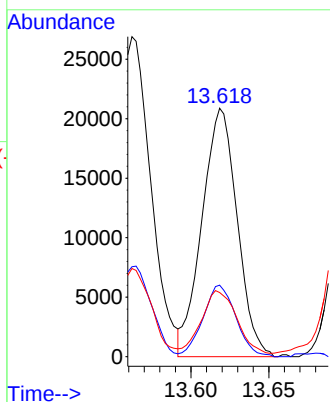
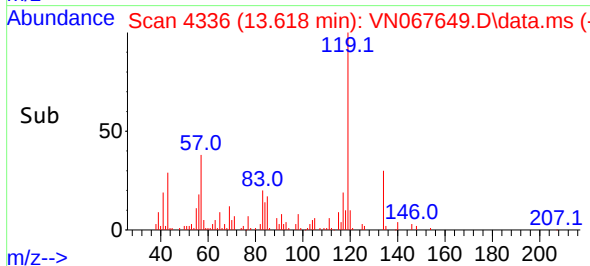
Instrument :
MSVOA_N
ClientSampleId :
TOTE-COMP-64-66



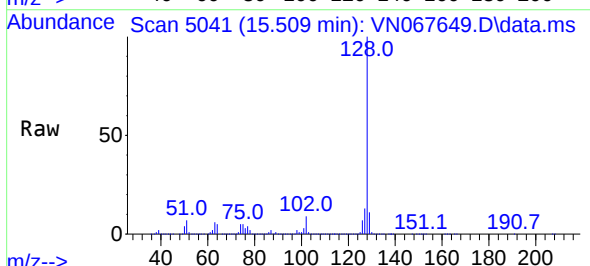
Tgt Ion:119 Resp: 32819
Ion Ratio Lower Upper
119 100
134 26.9 12.4 37.4
91 24.8 14.8 44.3

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#95
Naphthalene
Concen: 101.860 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.000 min
Lab File: VN067649.D
Acq: 7 Jul 2021 21:37



Tgt Ion:128 Resp: 1881971
Ion Ratio Lower Upper
128 100
127 13.3 10.6 15.8
129 10.9 8.6 12.8

