

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110822\
 Data File : VN075208.D
 Acq On : 08 Nov 2022 14:06
 Operator : JC\MD
 Sample : N5504-02RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SV34211LRE

Manual Integrations
 APPROVED

Reviewed By :John Carlone 11/09/2022
 Supervised By :Mahesh Dadoda 11/09/2022

Quant Time: Nov 09 01:32:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.283	168	101727	50.000	ug/l	0.05
34) 1,4-Difluorobenzene	9.141	114	187791	50.000	ug/l	0.04
63) Chlorobenzene-d5	11.876	117	174809	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	91697	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.635	65	73792	53.837	ug/l	0.05
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.680%			
35) Dibromofluoromethane	8.230	113	2861	2.595	ug/l	0.06
Spiked Amount 50.000	Range 75 - 124		Recovery = 5.200%#			
50) Toluene-d8	10.588	98	228928	53.524	ug/l	0.02
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.040%			
62) 4-Bromofluorobenzene	12.853	95	83767	55.753	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.500%			
Target Compounds					Qvalue	
16) Acetone	4.712	43	467540m	805.593	ug/l	
25) 2-Butanone	7.606	43	30406	33.308	ug/l	98
29) Tetrahydrofuran	7.953	42	10327m	17.507	ug/l	
51) 4-Methyl-2-Pentanone	10.482	43	3631	1.938	ug/l	88
52) Toluene	10.653	92	8944	2.560	ug/l	97
59) 2-Hexanone	11.224	43	2423	1.704	ug/l	66
67) Ethyl Benzene	11.971	91	20540	3.060	ug/l	96
68) m/p-Xylenes	12.071	106	48259	17.916	ug/l	98
69) o-Xylene	12.406	106	32267	12.113	ug/l	98
78) n-propylbenzene	13.041	91	23432	2.835	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	70909	11.468	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	346764	55.429	ug/l	99
85) sec-Butylbenzene	13.618	105	7871m	1.024	ug/l	
86) p-Isopropyltoluene	13.735	119	8376	1.320	ug/l	97
89) n-Butylbenzene	14.059	91	7849	1.536	ug/l #	73

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

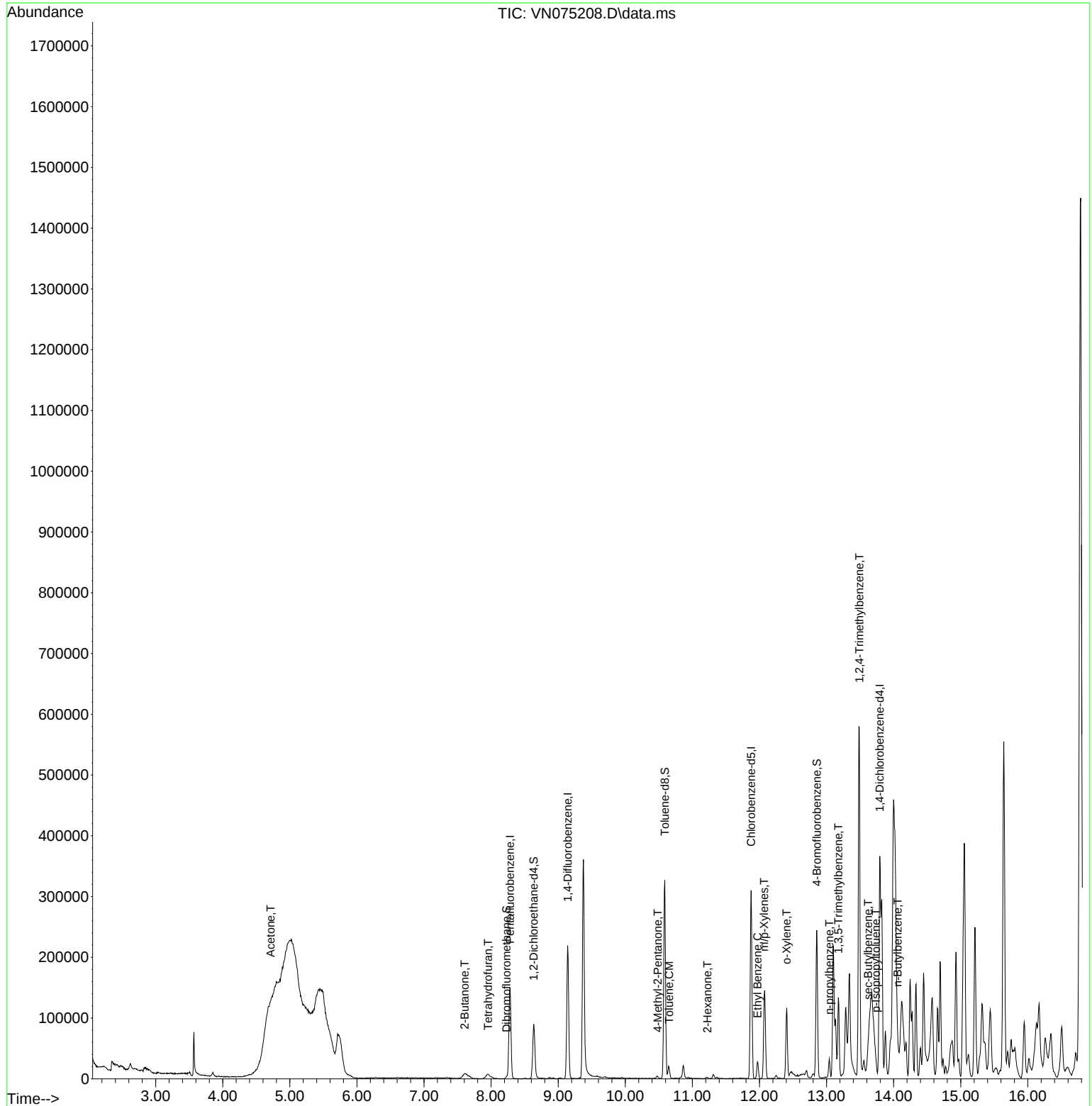
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110822\
Data File : VN075208.D
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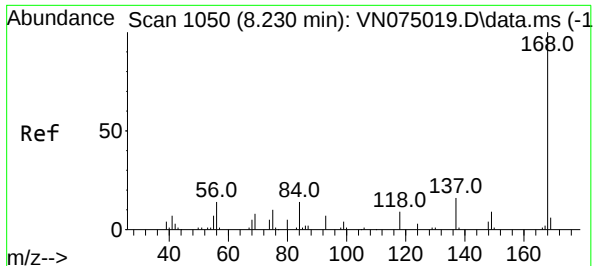
Instrument :
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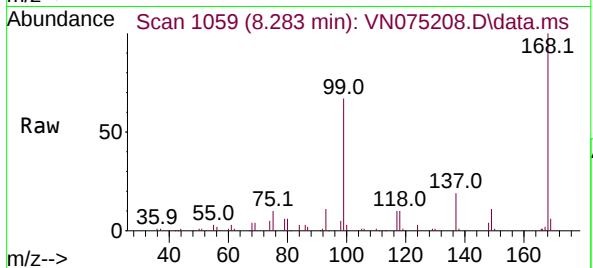
Quant Time: Nov 09 01:32:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 09:48:49 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.283 min Scan# 1059
Delta R.T. 0.053 min
Lab File: VN075208.D
Acq: 08 Nov 2022 14:06

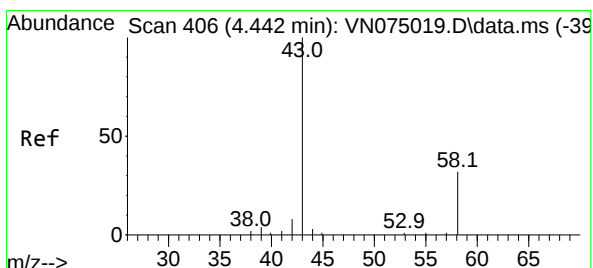
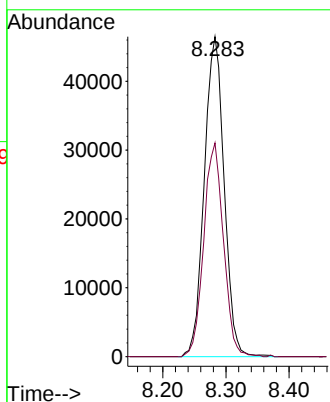
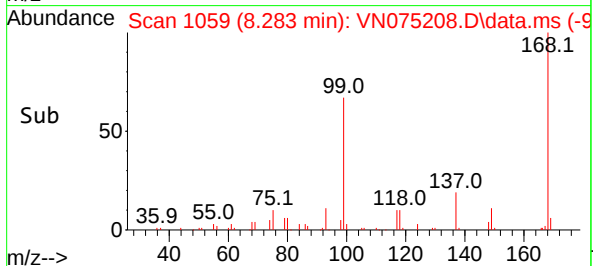
Instrument :
MSVOA_N
ClientSampleId :
SV34211LRE



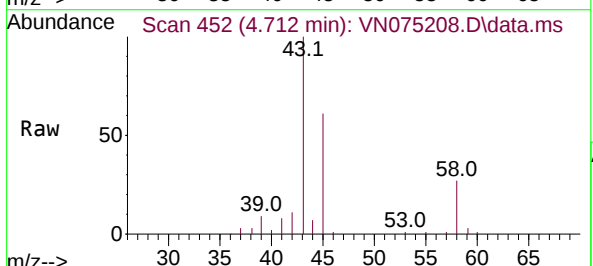
Tgt Ion:168 Resp: 10172
Ion Ratio Lower Upper
168 100
99 66.8 51.6 77.4

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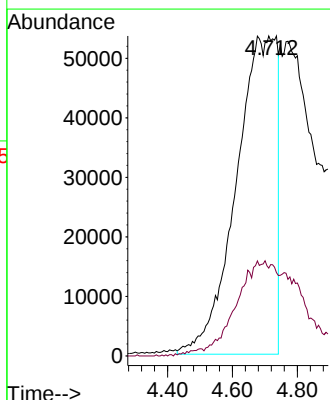
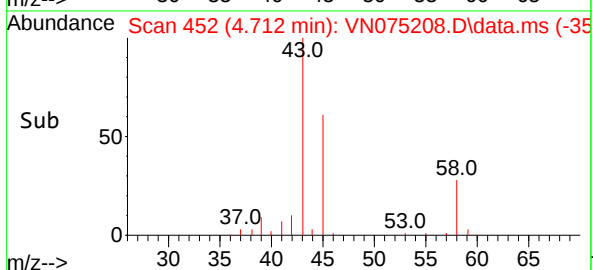
Reviewed By :John Carlone 11/09/2022
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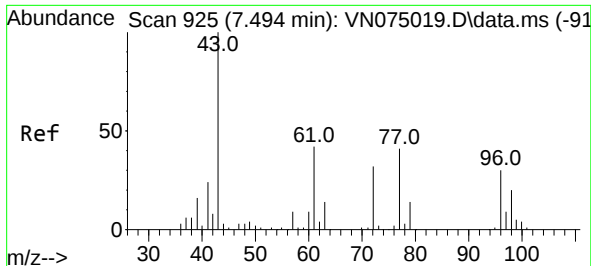


#16
Acetone
Concen: 805.593 ug/l m
RT: 4.712 min Scan# 452
Delta R.T. 0.270 min
Lab File: VN075208.D
Acq: 08 Nov 2022 14:06



Tgt Ion: 43 Resp: 467540
Ion Ratio Lower Upper
43 100
58 27.4 25.5 38.3





#25

2-Butanone

Concen: 33.308 ug/l

RT: 7.606 min Scan# 94

Delta R.T. 0.112 min

Lab File: VN075208.D

Acq: 08 Nov 2022 14:06

Instrument :

MSVOA_N

ClientSampleId :

SV34211LRE

Tgt Ion: 43 Resp: 30406

Ion Ratio Lower Upper

43 100

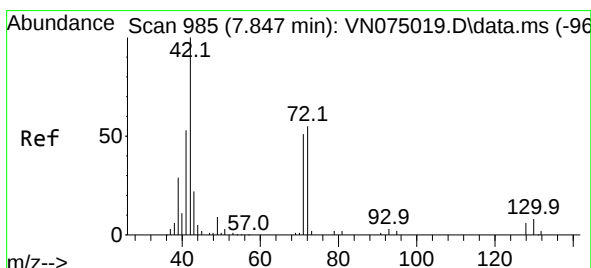
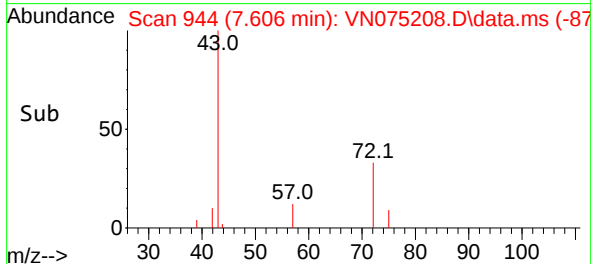
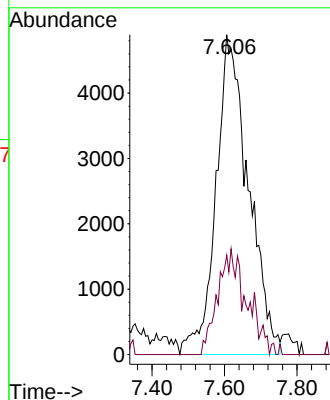
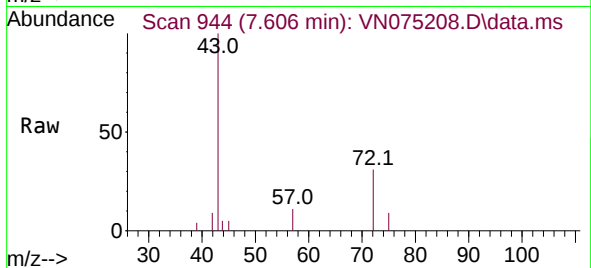
72 31.1 25.5 38.3

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#29

Tetrahydrofuran

Concen: 17.507 ug/l m

RT: 7.953 min Scan# 1003

Delta R.T. 0.106 min

Lab File: VN075208.D

Acq: 08 Nov 2022 14:06

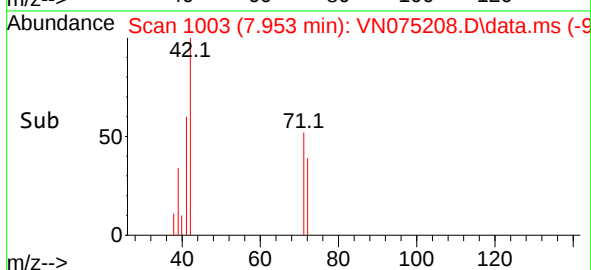
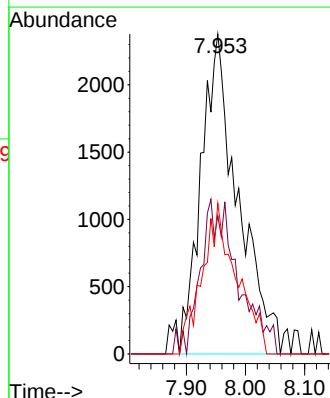
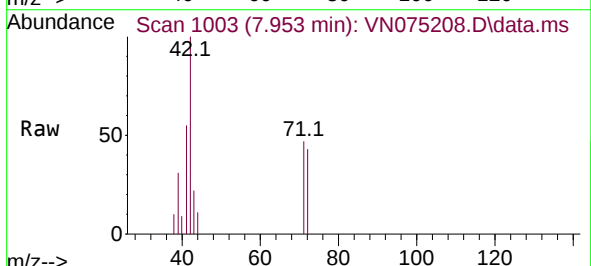
Tgt Ion: 42 Resp: 10327

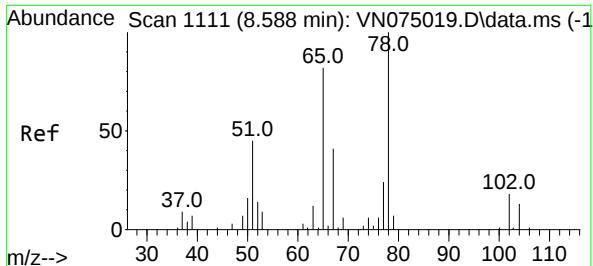
Ion Ratio Lower Upper

42 100

72 19.3 43.0 64.6#

71 43.8 39.9 59.9





#33

1,2-Dichloroethane-d4

Concen: 53.837 ug/l

RT: 8.635 min Scan# 1111

Delta R.T. 0.047 min

Lab File: VN075208.D

Acq: 08 Nov 2022 14:06

Instrument :

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ClientSampleId :

SV34211LRE

Tgt Ion: 65 Resp: 73792

Ion Ratio Lower Upper

65 100

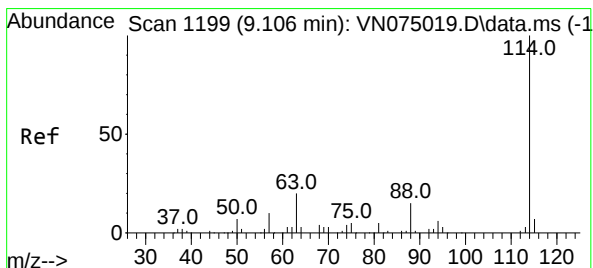
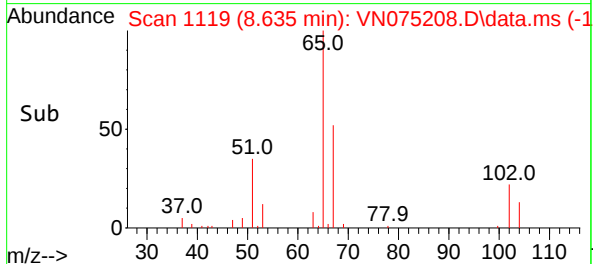
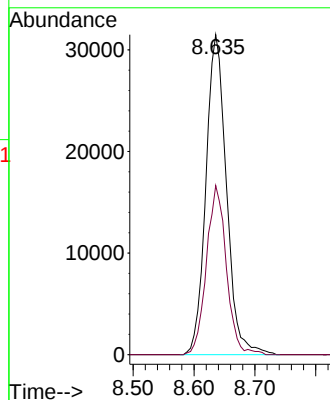
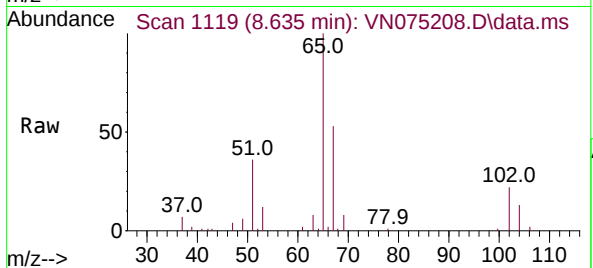
67 51.2 0.0 102.0

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.141 min Scan# 1205

Delta R.T. 0.035 min

Lab File: VN075208.D

Acq: 08 Nov 2022 14:06

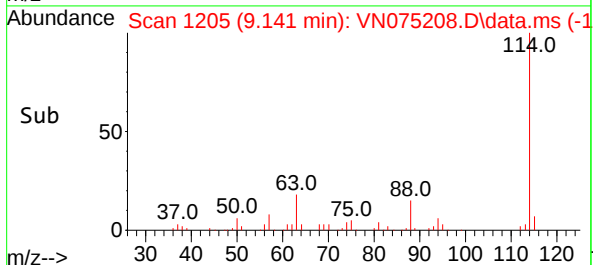
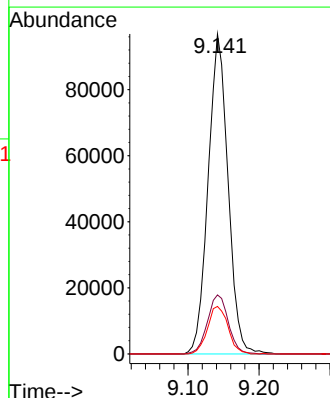
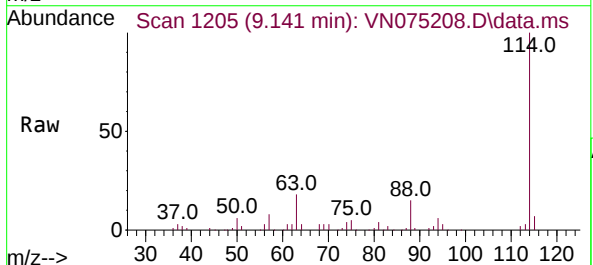
Tgt Ion:114 Resp: 187791

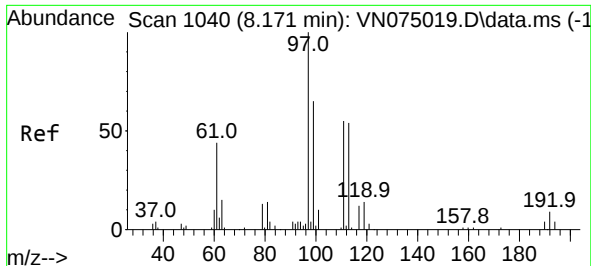
Ion Ratio Lower Upper

114 100

63 18.4 0.0 39.6

88 14.8 0.0 29.0





#35

Dibromofluoromethane

Concen: 2.595 ug/l

RT: 8.230 min Scan# 1040

Delta R.T. 0.059 min

Lab File: VN075208.D

Acq: 08 Nov 2022 14:06

Instrument :

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ClientSampleId :

SV34211LRE

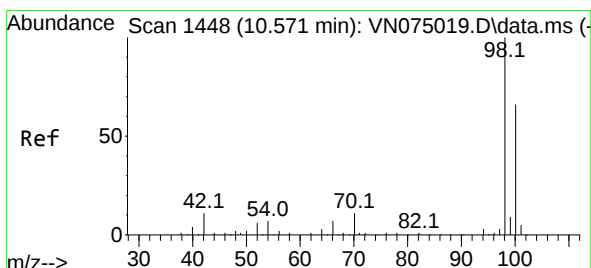
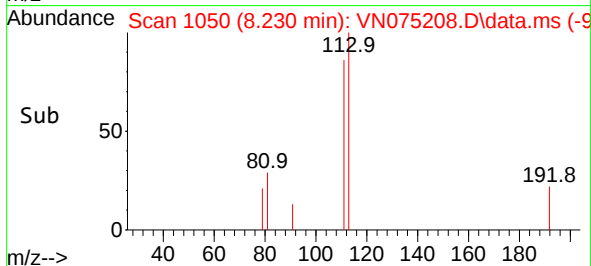
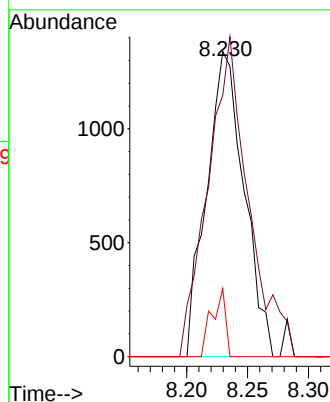
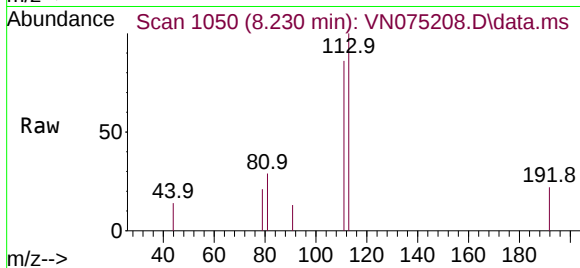
Tgt Ion:	113	Resp:	286
Ion Ratio	Lower	Upper	
113	100		
111	113.8	80.5	120.7
192	8.2	13.2	19.8

Manual Integrations

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#50

Toluene-d8

Concen: 53.524 ug/l

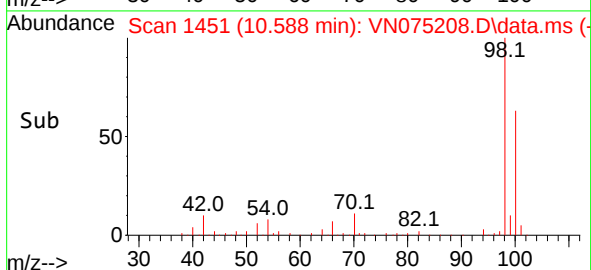
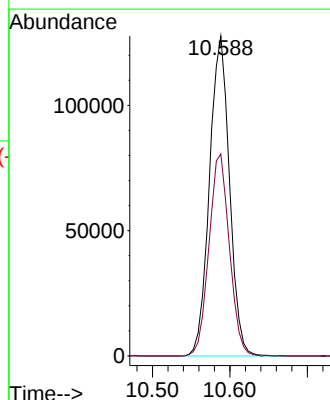
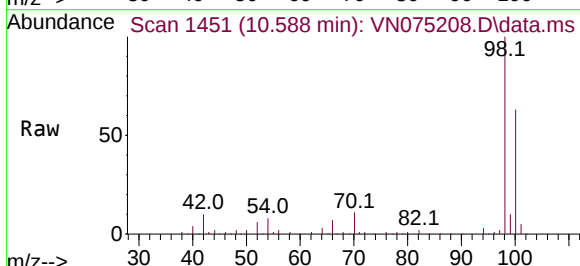
RT: 10.588 min Scan# 1451

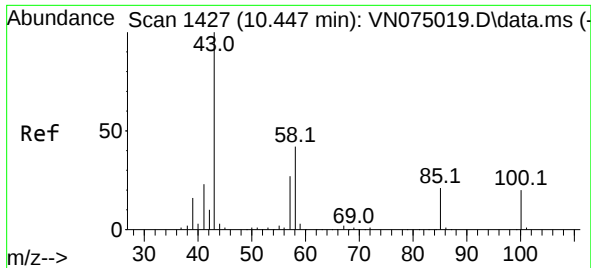
Delta R.T. 0.017 min

Lab File: VN075208.D

Acq: 08 Nov 2022 14:06

Tgt Ion:	98	Resp:	228928
Ion Ratio	Lower	Upper	
98	100		
100	64.4	53.0	79.6





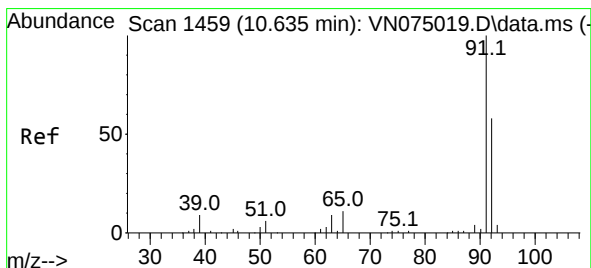
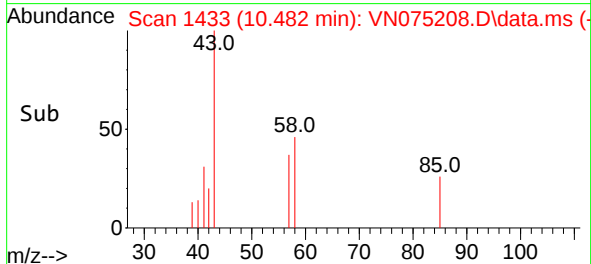
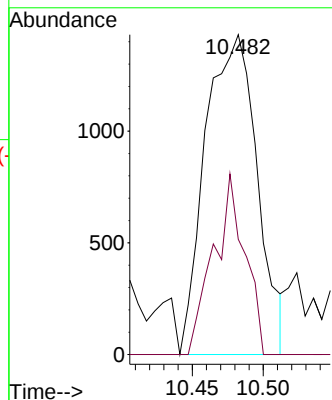
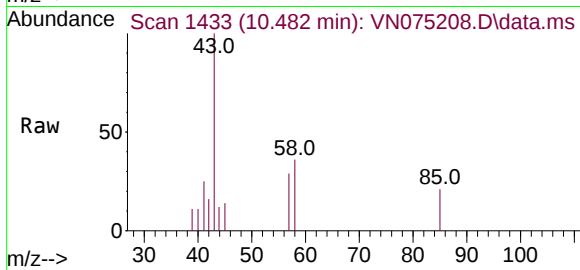
#51
4-Methyl-2-Pentanone
Concen: 1.938 ug/l
RT: 10.482 min Scan# 1427
Delta R.T. 0.035 min
Lab File: VN075208.D
Acq: 08 Nov 2022 14:06

Instrument :
MSVOA_N
ClientSampleId :
SV34211LRE

Tgt Ion: 43 Resp: 363
Ion Ratio Lower Upper
43 100
58 34.1 33.6 50.4

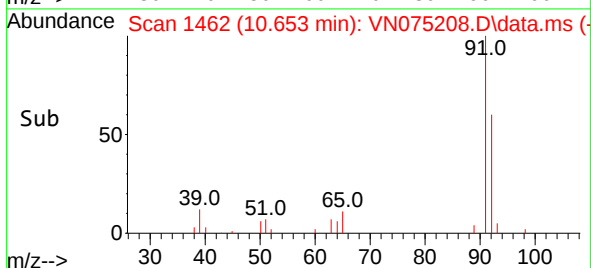
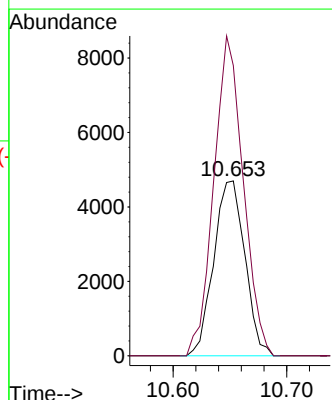
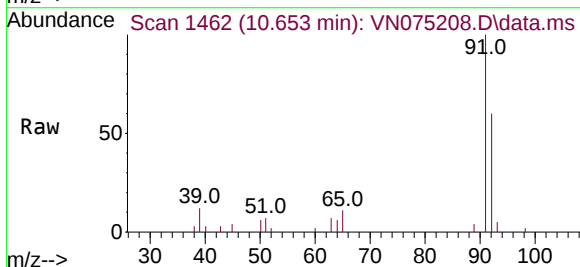
Manual Integrations
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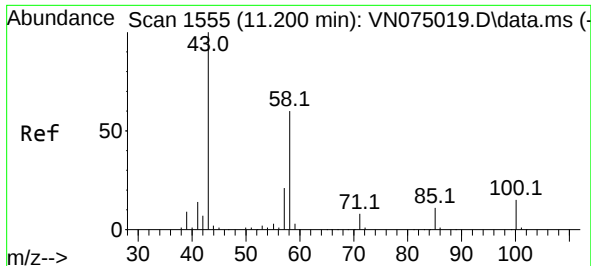
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022



#52
Toluene
Concen: 2.560 ug/l
RT: 10.653 min Scan# 1462
Delta R.T. 0.018 min
Lab File: VN075208.D
Acq: 08 Nov 2022 14:06

Tgt Ion: 92 Resp: 8944
Ion Ratio Lower Upper
92 100
91 172.9 135.4 203.2





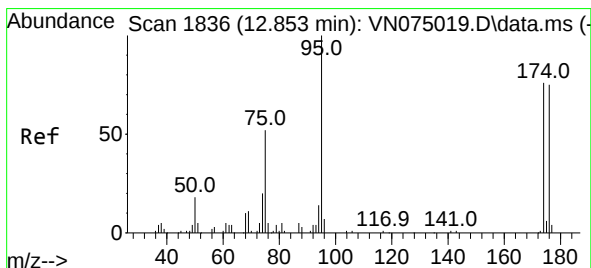
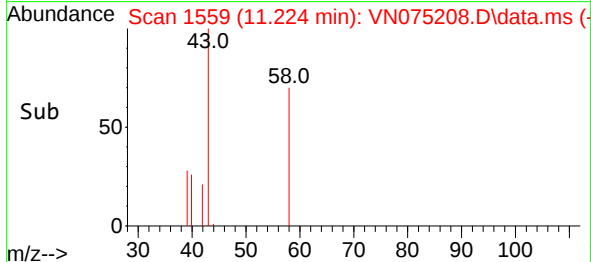
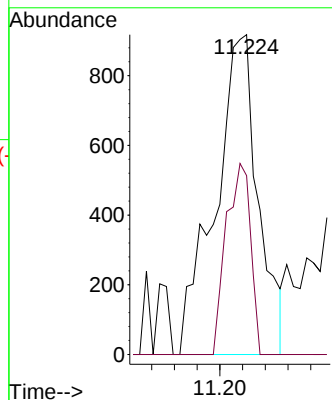
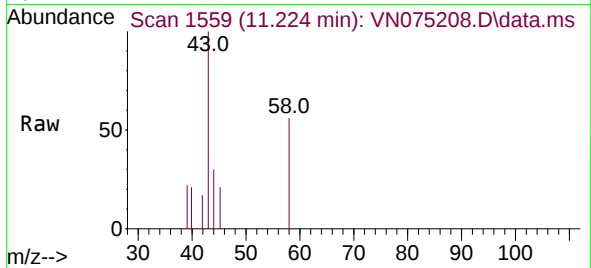
#59
2-Hexanone
Concen: 1.704 ug/l
RT: 11.224 min Scan# 1559
Delta R.T. 0.024 min
Lab File: VN075208.D
Acq: 08 Nov 2022 14:06

Instrument :
MSVOA_N
ClientSampleId :
SV34211LRE

Tgt Ion: 43 Resp: 2423
Ion Ratio Lower Upper
43 100
58 33.7 29.6 88.8

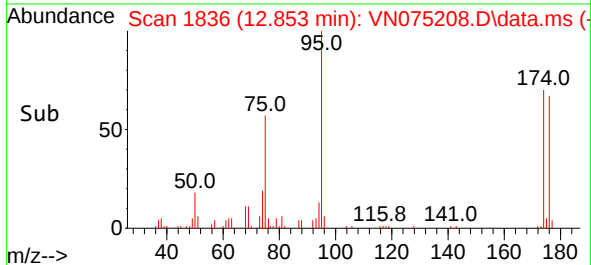
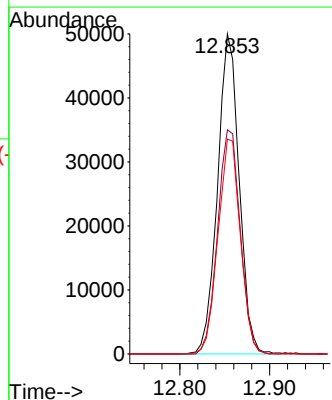
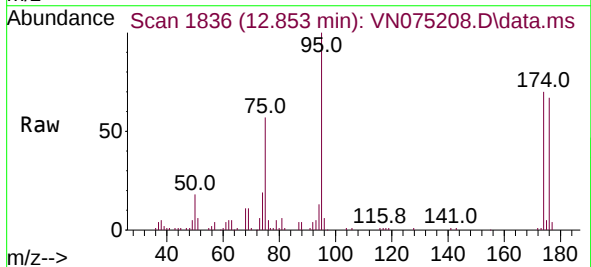
Manual Integrations
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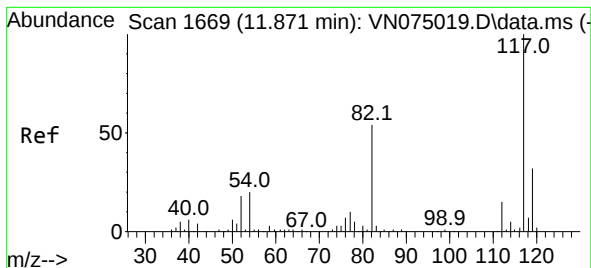
Reviewed By :John Carlone 11/09/2022
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#62
4-Bromofluorobenzene
Concen: 55.753 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075208.D
Acq: 08 Nov 2022 14:06

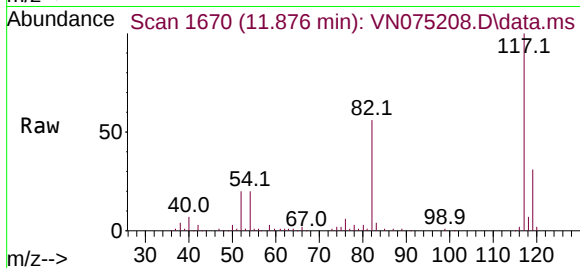
Tgt Ion: 95 Resp: 83767
Ion Ratio Lower Upper
95 100
174 73.3 0.0 147.4
176 69.6 0.0 142.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.876 min Scan# 1669
Delta R.T. 0.005 min
Lab File: VN075208.D
Acq: 08 Nov 2022 14:06

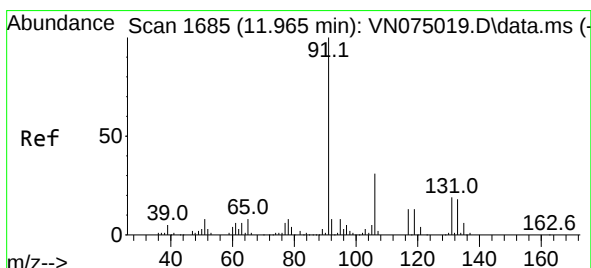
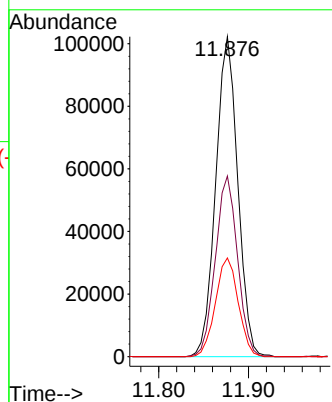
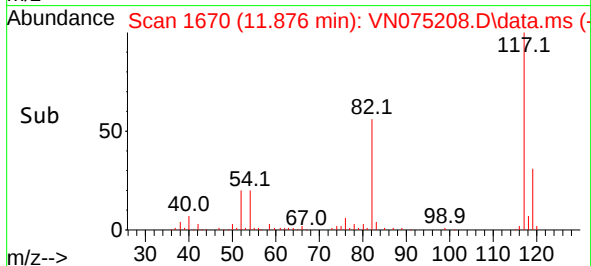
Instrument :
MSVOA_N
ClientSampleId :
SV34211LRE



Tgt Ion:117 Resp: 174809
Ion Ratio Lower Upper
117 100
82 56.4 43.1 64.7
119 30.8 25.5 38.3

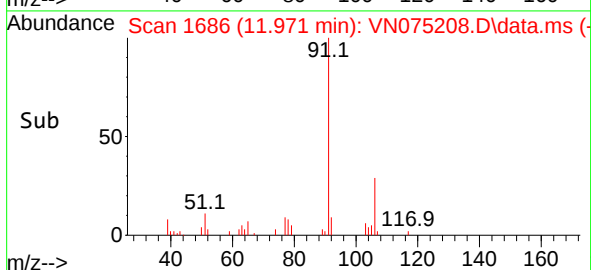
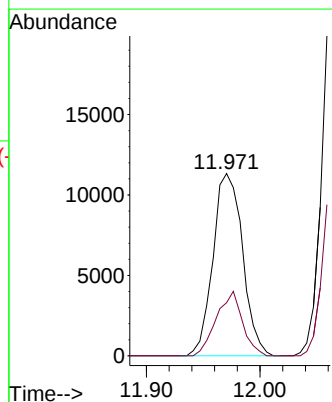
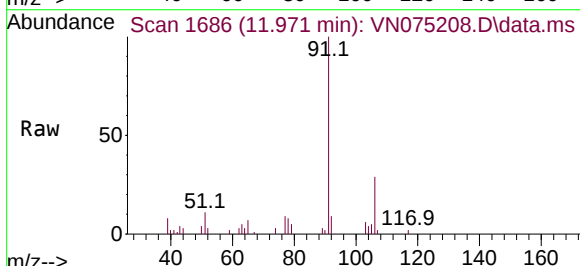
Manual Integrations
APPROVED

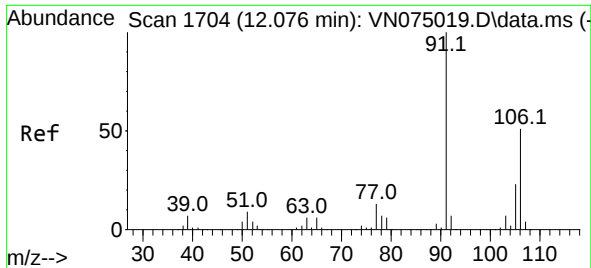
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022



#67
Ethyl Benzene
Concen: 3.060 ug/l
RT: 11.971 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN075208.D
Acq: 08 Nov 2022 14:06

Tgt Ion: 91 Resp: 20540
Ion Ratio Lower Upper
91 100
106 29.2 24.9 37.3





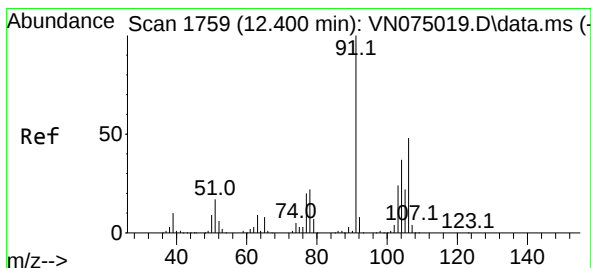
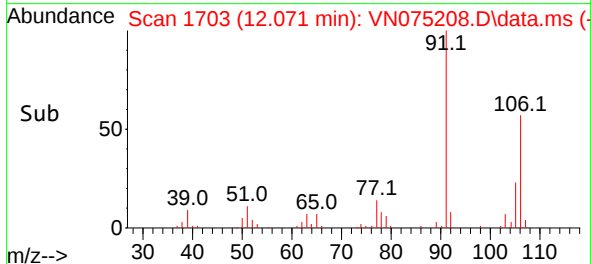
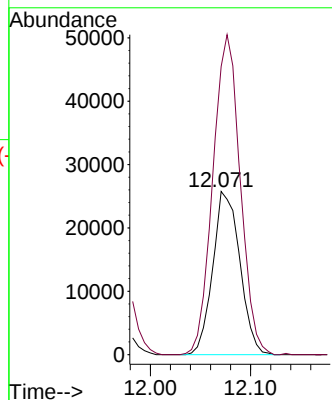
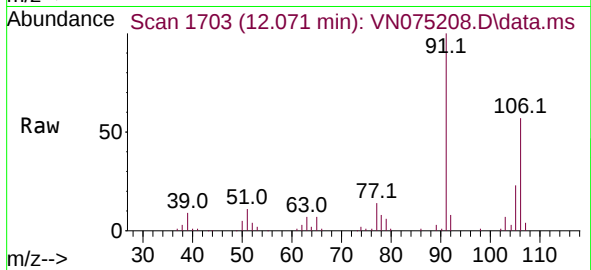
#68
m/p-Xylenes
Concen: 17.916 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.005 min
Lab File: VN075208.D
Acq: 08 Nov 2022 14:06

Instrument :
MSVOA_N
ClientSampleId :
SV34211LRE

Tgt Ion:106 Resp: 48259
Ion Ratio Lower Upper
106 100
91 198.4 156.0 234.0

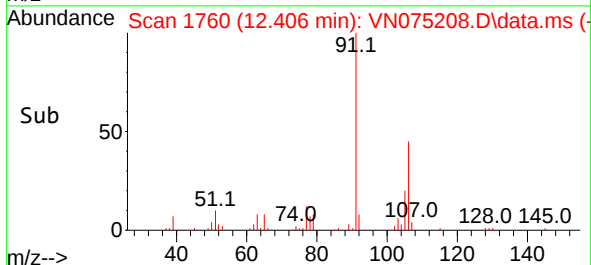
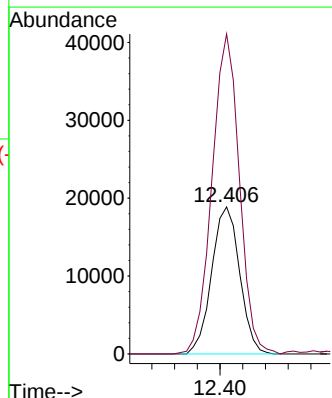
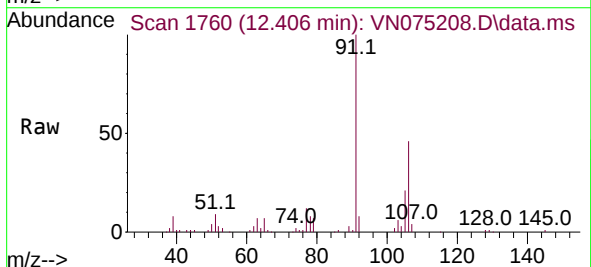
Manual Integrations
APPROVED

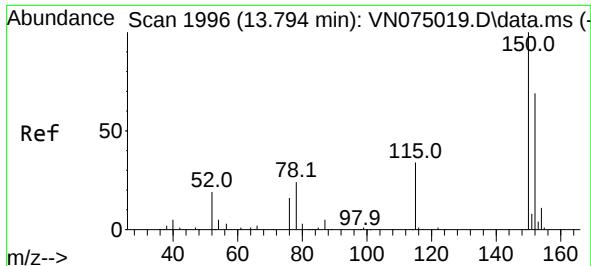
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022



#69
o-Xylene
Concen: 12.113 ug/l
RT: 12.406 min Scan# 1760
Delta R.T. 0.006 min
Lab File: VN075208.D
Acq: 08 Nov 2022 14:06

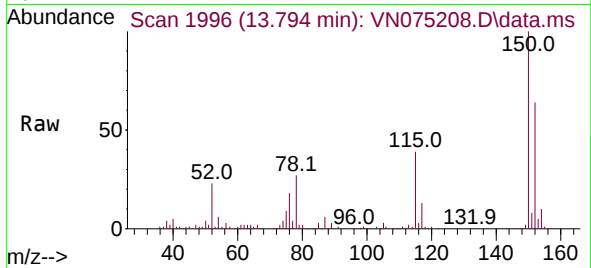
Tgt Ion:106 Resp: 32267
Ion Ratio Lower Upper
106 100
91 212.7 105.2 315.5





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075208.D
Acq: 08 Nov 2022 14:06

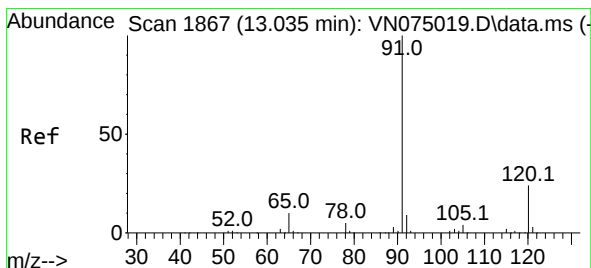
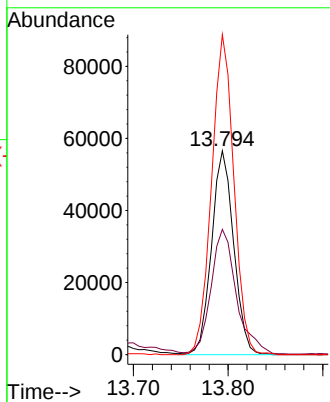
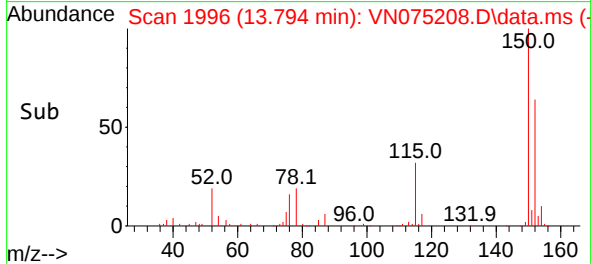
Instrument :
MSVOA_N
ClientSampleId :
SV34211LRE



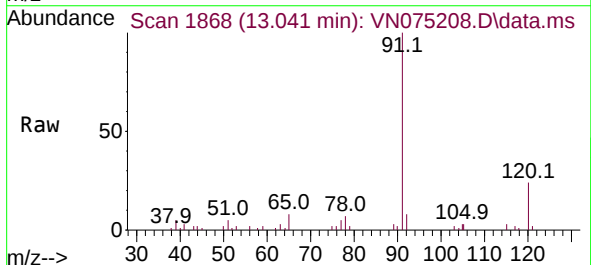
Tgt Ion:152 Resp: 91697
Ion Ratio Lower Upper
152 100
115 70.1 30.2 90.6
150 157.9 0.0 348.4

Manual Integrations
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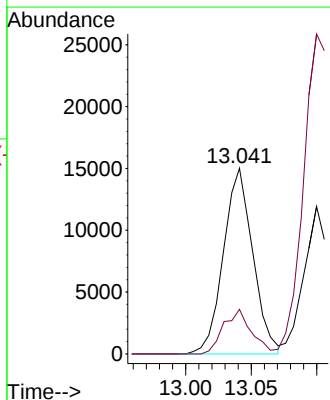
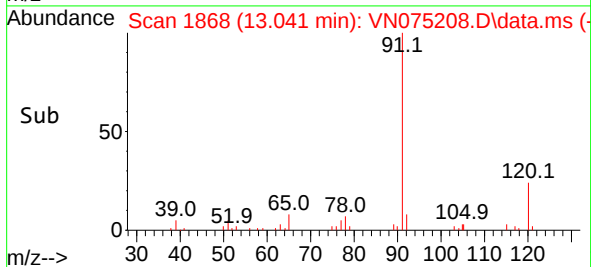
Reviewed By :John Carlone 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022

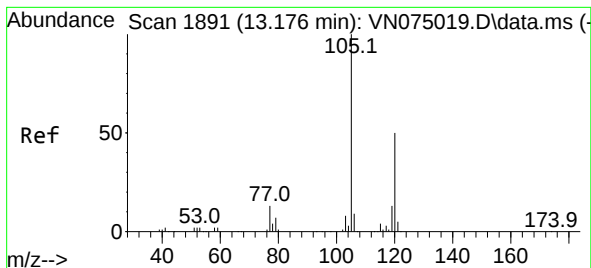


#78
n-propylbenzene
Concen: 2.835 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN075208.D
Acq: 08 Nov 2022 14:06



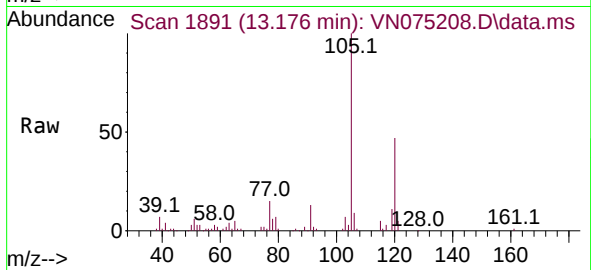
Tgt Ion: 91 Resp: 23432
Ion Ratio Lower Upper
91 100
120 22.7 11.9 35.5





#80
 1,3,5-Trimethylbenzene
 Concen: 11.468 ug/l
 RT: 13.176 min Scan# 1891
 Delta R.T. 0.000 min
 Lab File: VN075208.D
 Acq: 08 Nov 2022 14:06

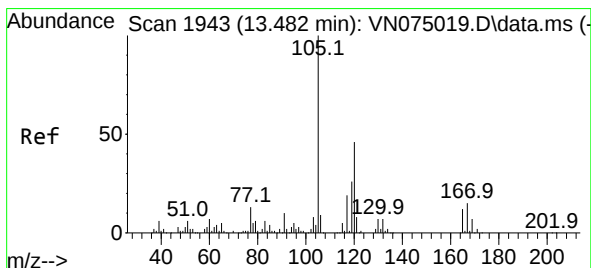
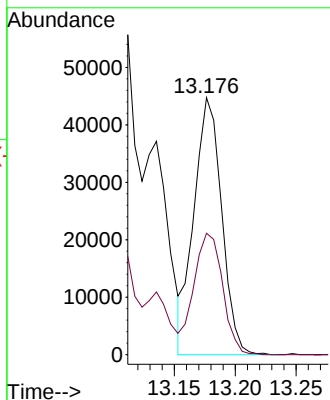
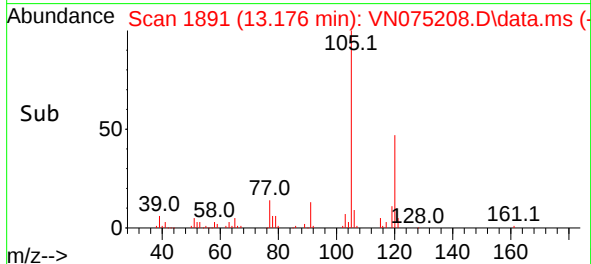
Instrument :
 MSVOA_N
 ClientSampleId :
 SV34211LRE



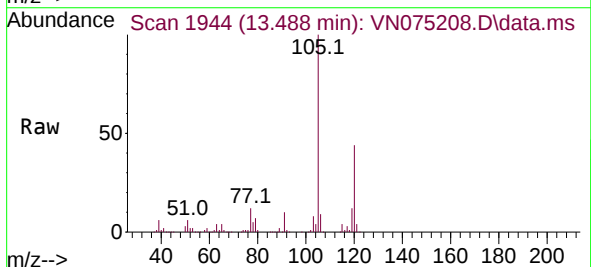
Tgt Ion:105 Resp: 70909
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.7 74.1

Manual Integrations
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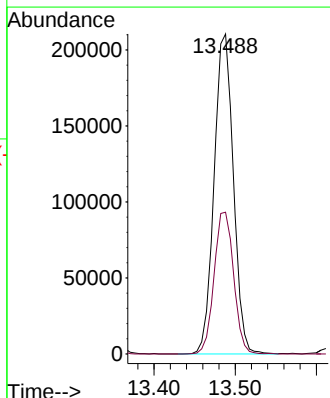
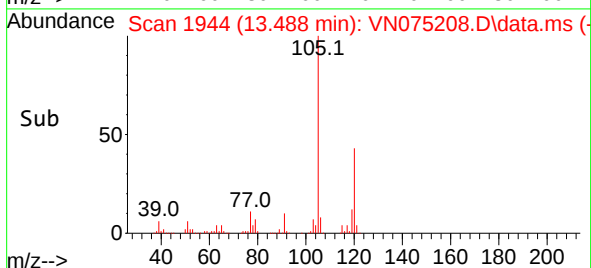
Reviewed By :John Carlone 11/09/2022
 Supervised By :Mahesh Dadoda 11/09/2022

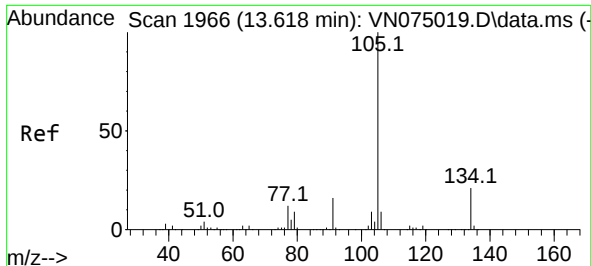


#84
 1,2,4-Trimethylbenzene
 Concen: 55.429 ug/l
 RT: 13.488 min Scan# 1944
 Delta R.T. 0.006 min
 Lab File: VN075208.D
 Acq: 08 Nov 2022 14:06



Tgt Ion:105 Resp: 346764
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.7 68.1





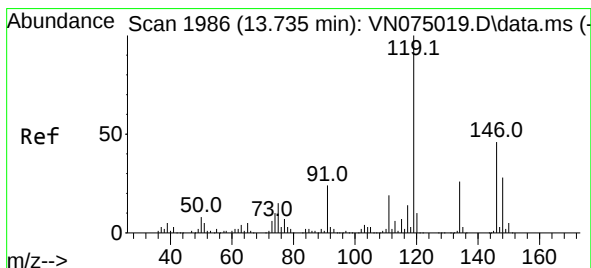
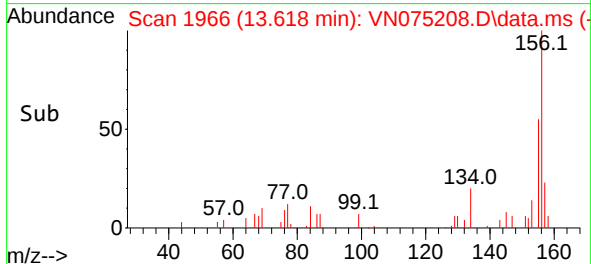
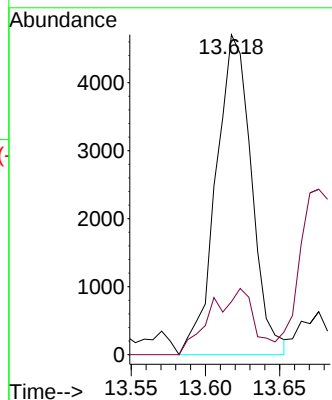
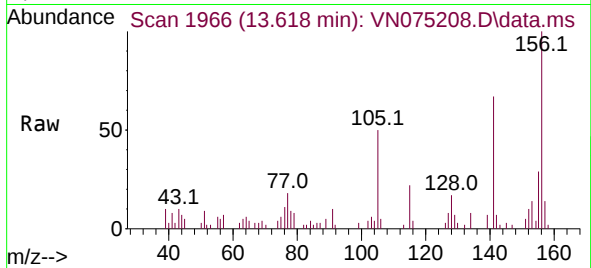
#85
 sec-Butylbenzene
 Concen: 1.024 ug/l m
 RT: 13.618 min Scan# 1966
 Delta R.T. -0.001 min
 Lab File: VN075208.D
 Acq: 08 Nov 2022 14:06

Instrument :
 MSVOA_N
 ClientSampleId :
 SV34211LRE

Tgt Ion:105 Resp: 787
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.2 30.6

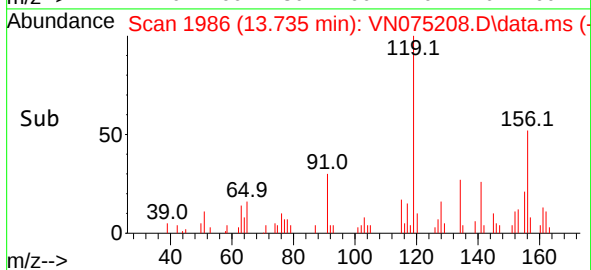
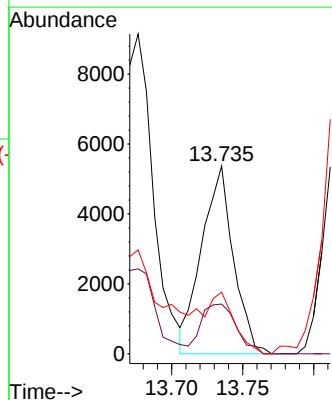
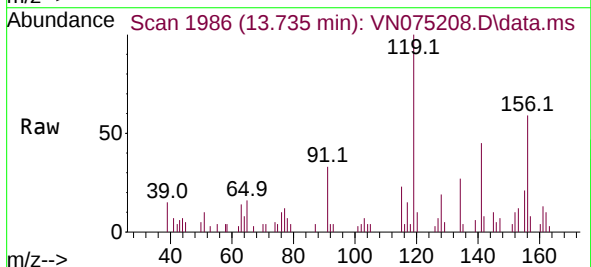
Manual Integrations
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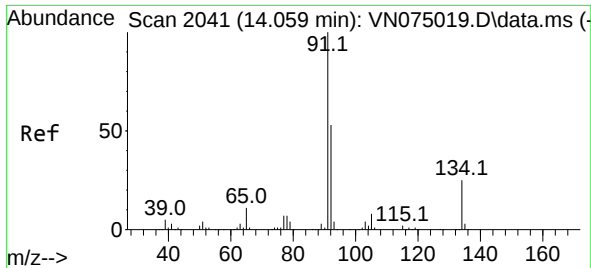
Reviewed By :John Carlone 11/09/2022
 Supervised By :Mahesh Dadoda 11/09/2022



#86
 p-Isopropyltoluene
 Concen: 1.320 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN075208.D
 Acq: 08 Nov 2022 14:06

Tgt Ion:119 Resp: 8376
 Ion Ratio Lower Upper
 119 100
 134 29.1 13.1 39.3
 91 24.1 11.9 35.5





#89

n-Butylbenzene

Concen: 1.536 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. -0.000 min

Lab File: VN075208.D

Acq: 08 Nov 2022 14:06

Instrument :

MSVOA_N

ClientSampleId :

SV34211LRE

Tgt Ion: 91 Resp: 7849

Ion	Ratio	Lower	Upper
91	100		
92	63.9	26.5	79.4
134	0.0	13.0	39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/09/2022

Supervised By :Mahesh Dadoda 11/09/2022

