

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120321\
 Data File : VN069719.D
 Acq On : 3 Dec 2021 15:38
 Operator : JC/MD
 Sample : M4922-05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE132D4-20211129

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/04/2021
 Supervised By : Mahesh Dadoda 12/06/2021

Quant Time: Dec 04 05:32:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	1467898	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2549530	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	2611765	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	997985	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	1085911	47.91	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.82%		
35) Dibromofluoromethane	8.024	113	754132	47.22	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.44%		
50) Toluene-d8	10.443	98	3236269	50.47	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.94%		
62) 4-Bromofluorobenzene	12.733	95	1215703	52.33	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	104.66%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.075	85	5088	0.30	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.207	101	54362	3.75	ug/l	97
12) 1,1-Dichloroethene	4.175	96	10270	0.73	ug/l #	82
27) cis-1,2-Dichloroethene	7.329	96	24408	1.33	ug/l	98
44) Trichloroethene	9.217	130	2574683	145.41	ug/l	90
49) 1,4-Dioxane	9.574	88	5075	11.34	ug/l #	70
64) Tetrachloroethene	10.977	164	53343	3.01	ug/l	94
95) Naphthalene	15.509	128	4848	4.08	ug/l #	82

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

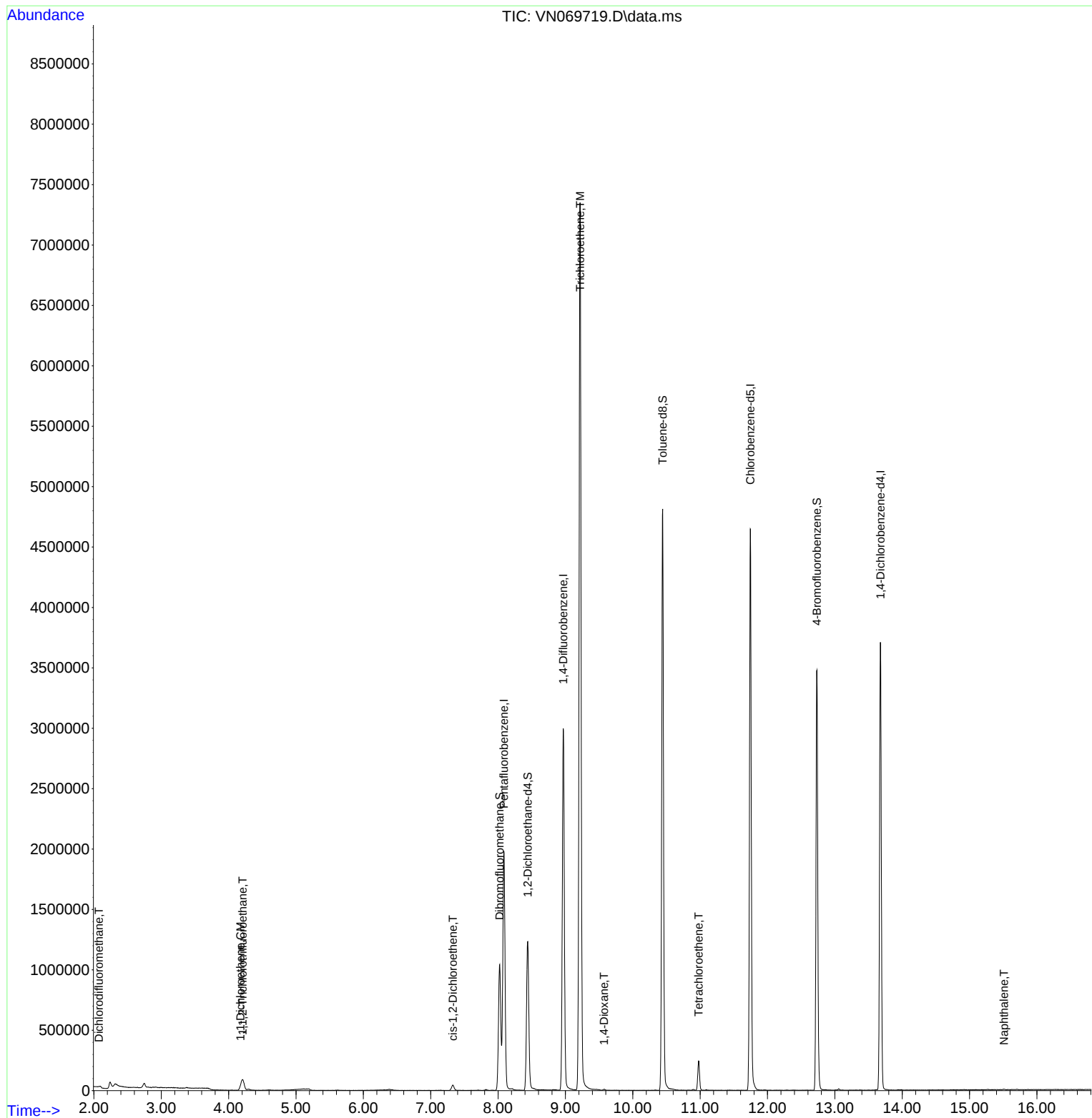
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120321\
Data File : VN069719.D
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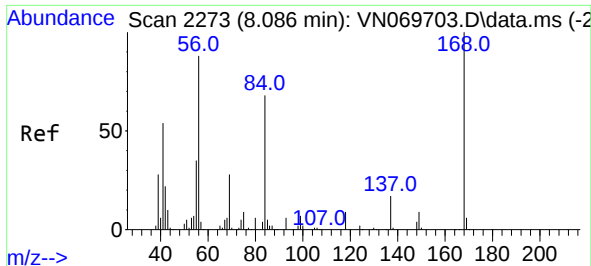
Instrument :
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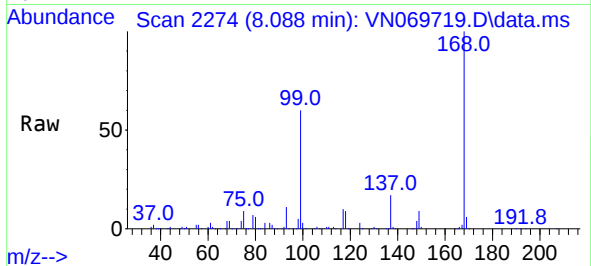
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 03 08:46:47 2021
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069719.D
Acq: 3 Dec 2021 15:38

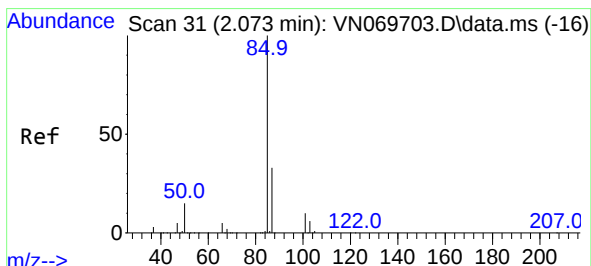
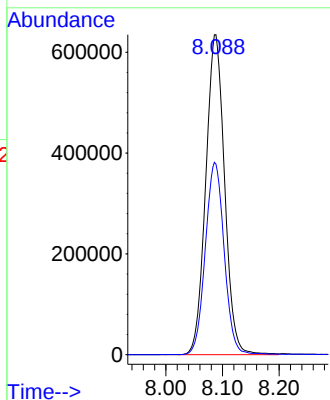
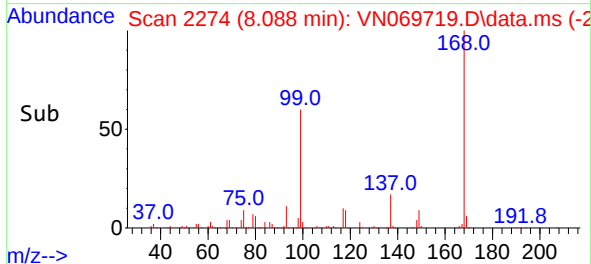
Instrument :
MSVOA_N
ClientSampleId :
RE132D4-20211129



Tgt Ion:168 Resp: 146789
Ion Ratio Lower Upper
168 100
99 59.5 41.3 61.9

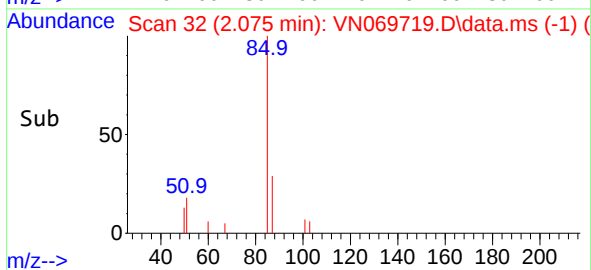
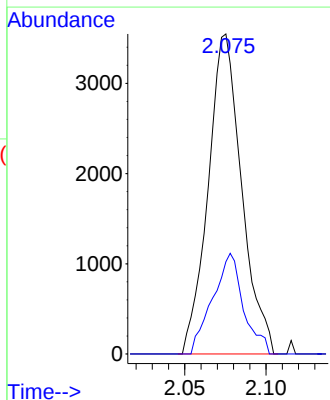
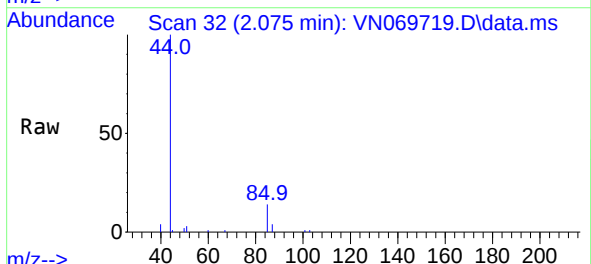
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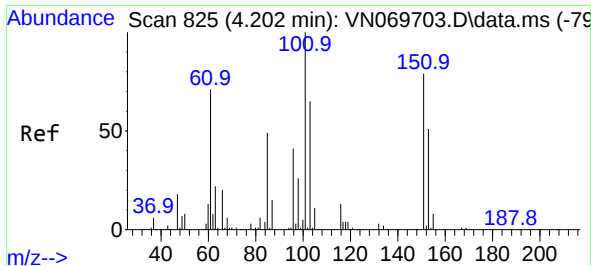
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#2
Dichlorodifluoromethane
Concen: 0.30 ug/l
RT: 2.075 min Scan# 32
Delta R.T. 0.003 min
Lab File: VN069719.D
Acq: 3 Dec 2021 15:38

Tgt Ion: 85 Resp: 5088
Ion Ratio Lower Upper
85 100
87 28.8 16.3 48.9





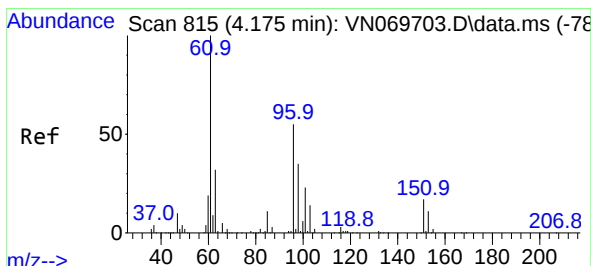
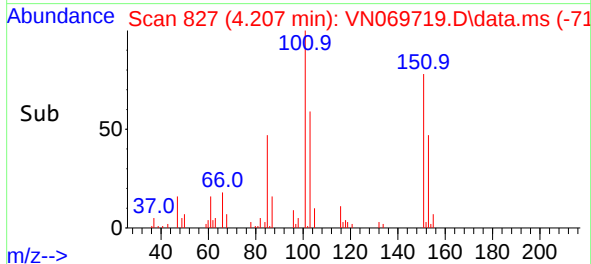
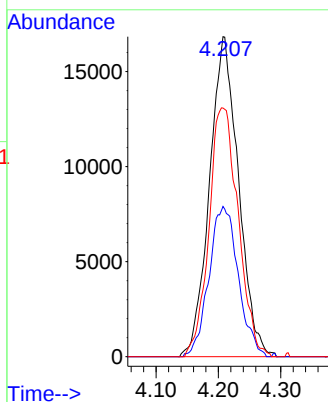
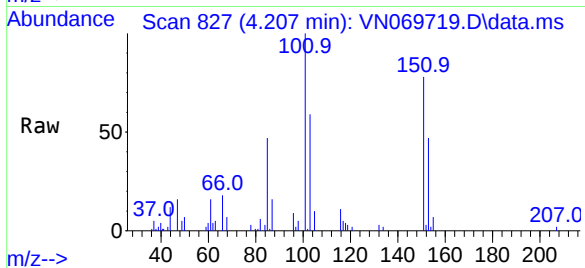
#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.75 ug/l
RT: 4.207 min Scan# 81
Delta R.T. 0.005 min
Lab File: VN069719.D
Acq: 3 Dec 2021 15:38

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Tgt Ion:101 Resp: 5436
Ion Ratio Lower Upper
101 100
85 47.5 37.2 55.8
151 78.6 65.9 98.9

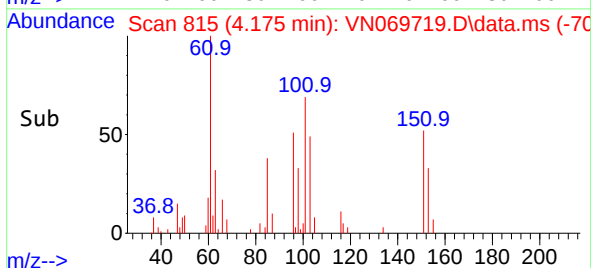
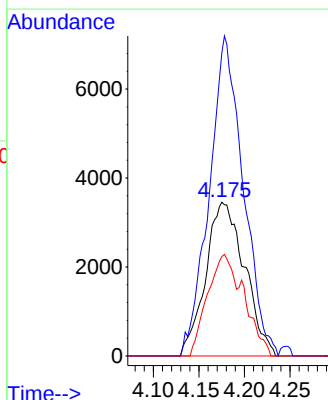
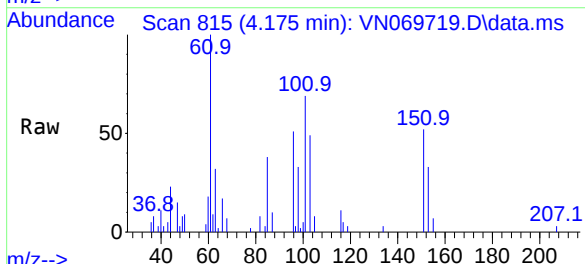
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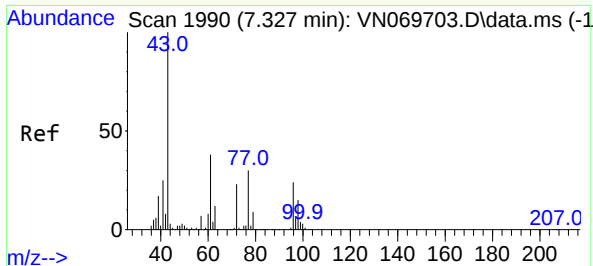
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#12
1,1-Dichloroethene
Concen: 0.73 ug/l
RT: 4.175 min Scan# 815
Delta R.T. 0.000 min
Lab File: VN069719.D
Acq: 3 Dec 2021 15:38

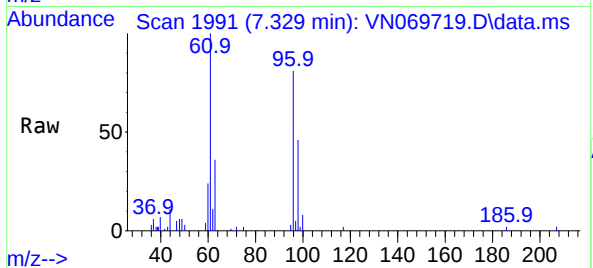
Tgt Ion: 96 Resp: 10270
Ion Ratio Lower Upper
96 100
61 197.4 131.0 196.6#
98 64.8 52.4 78.6





#27
 cis-1,2-Dichloroethene
 Concen: 1.33 ug/l
 RT: 7.329 min Scan# 1991
 Delta R.T. 0.003 min
 Lab File: VN069719.D
 Acq: 3 Dec 2021 15:38

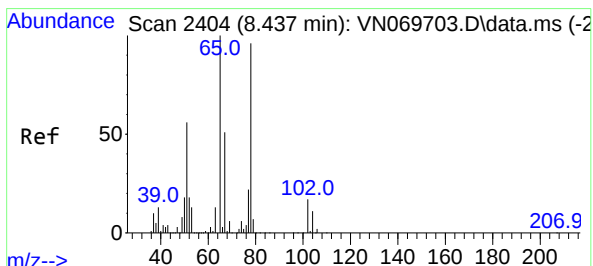
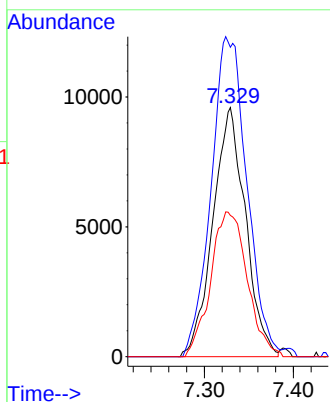
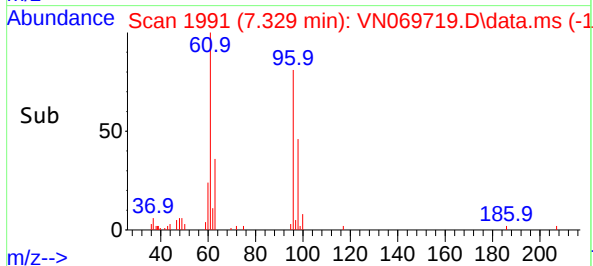
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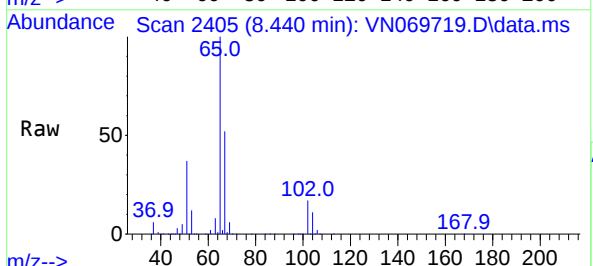
Tgt Ion: 96 Resp: 24408
 Ion Ratio Lower Upper
 96 100
 61 141.1 0.0 275.0
 98 65.3 0.0 129.6

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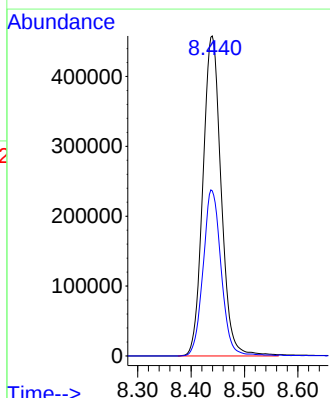
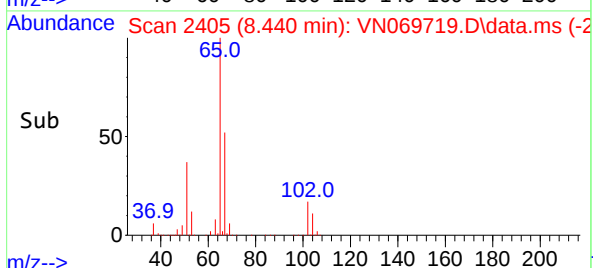
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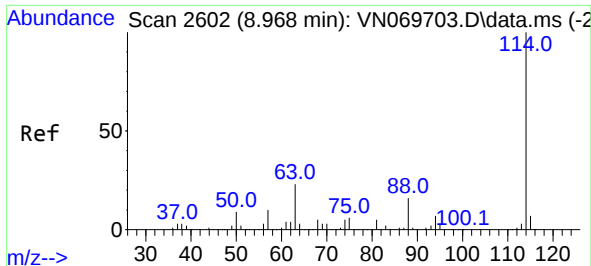


#33
 1,2-Dichloroethane-d4
 Concen: 47.91 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. 0.003 min
 Lab File: VN069719.D
 Acq: 3 Dec 2021 15:38



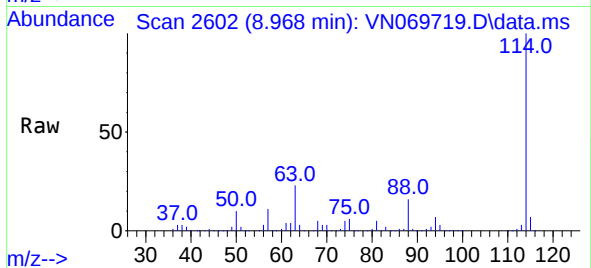
Tgt Ion: 65 Resp: 1085911
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 103.0





#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN069719.D
Acq: 3 Dec 2021 15:38

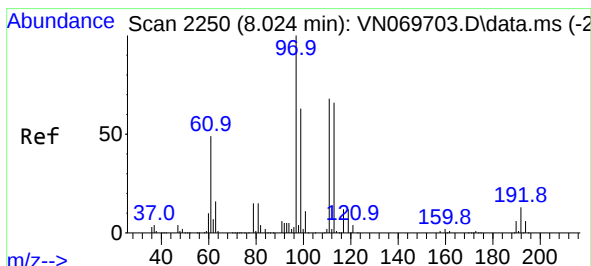
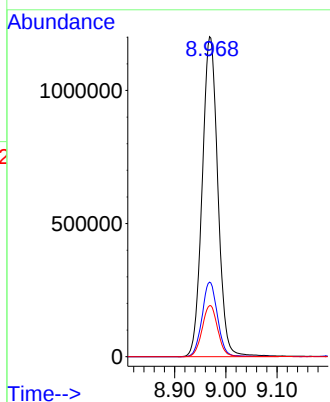
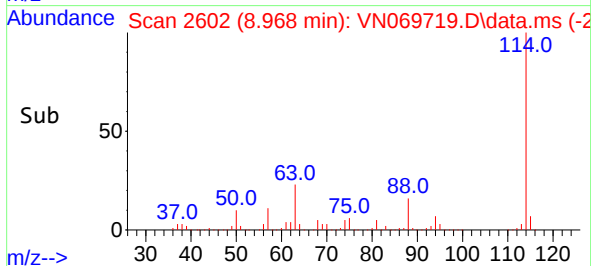
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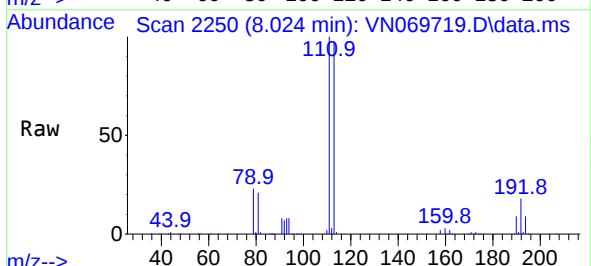
Tgt Ion:114 Resp: 2549530
Ion Ratio Lower Upper
114 100
63 23.3 0.0 37.8
88 15.9 0.0 27.4

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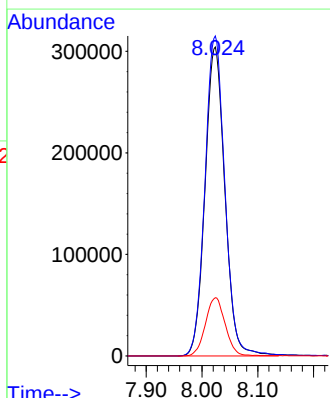
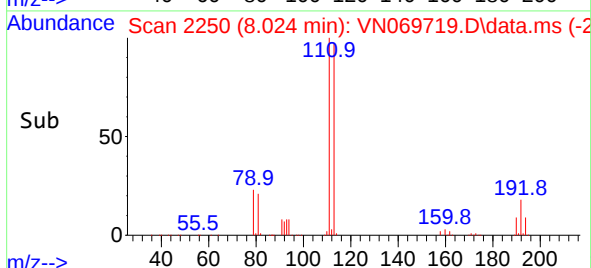
Reviewed By :John Carlone 12/04/2021
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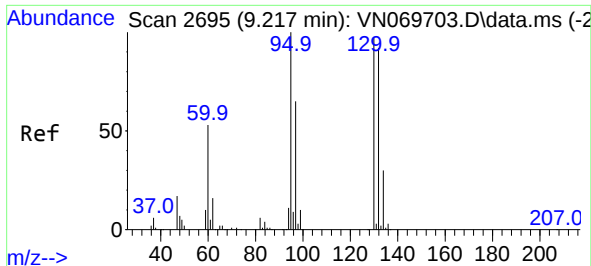


#35
Dibromofluoromethane
Concen: 47.22 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN069719.D
Acq: 3 Dec 2021 15:38



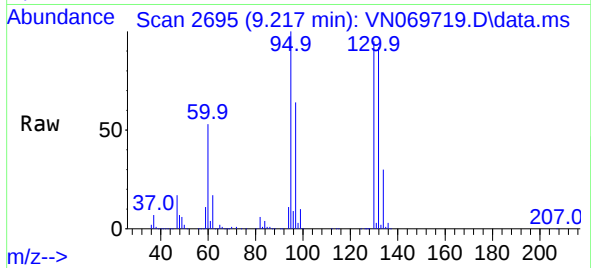
Tgt Ion:113 Resp: 754132
Ion Ratio Lower Upper
113 100
111 103.9 82.2 123.2
192 18.7 16.9 25.3





#44
Trichloroethene
Concen: 145.41 ug/l
RT: 9.217 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN069719.D
Acq: 3 Dec 2021 15:38

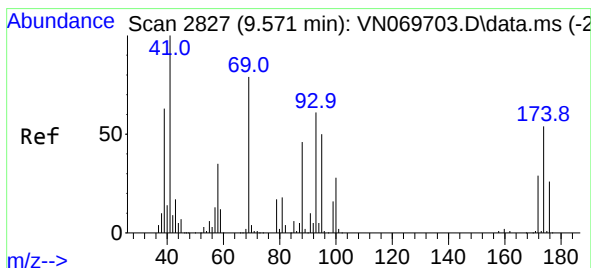
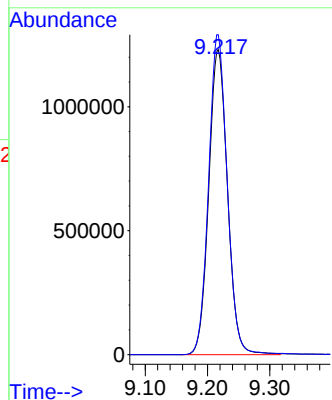
Instrument :
MSVOA_N
ClientSampleId :
RE132D4-20211129



Tgt Ion:130 Resp: 257468
Ion Ratio Lower Upper
130 100
95 105.0 0.0 191.2

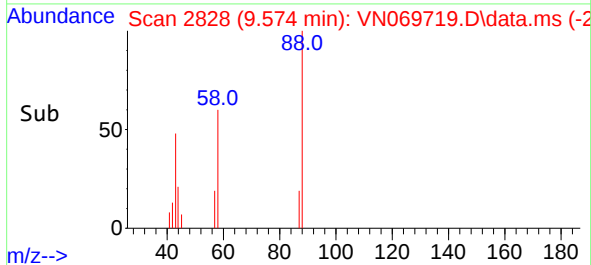
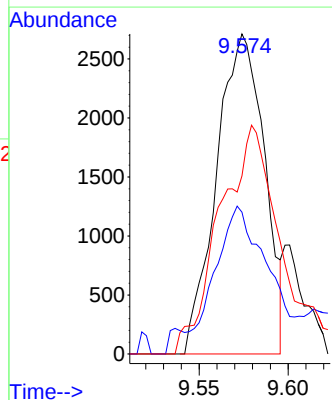
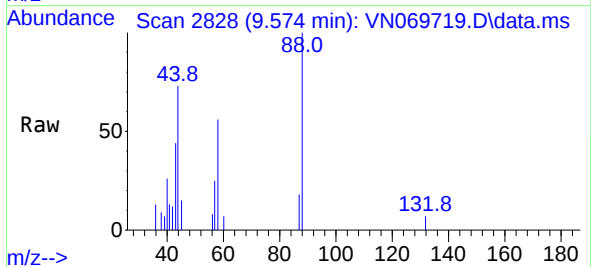
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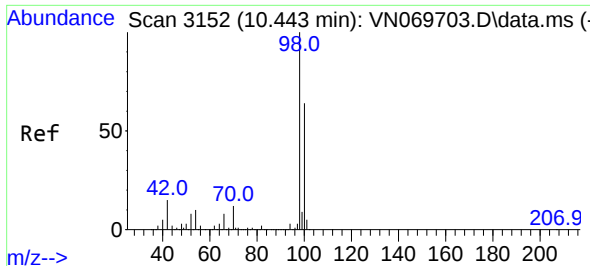
Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#49
1,4-Dioxane
Concen: 11.34 ug/l
RT: 9.574 min Scan# 2828
Delta R.T. 0.003 min
Lab File: VN069719.D
Acq: 3 Dec 2021 15:38

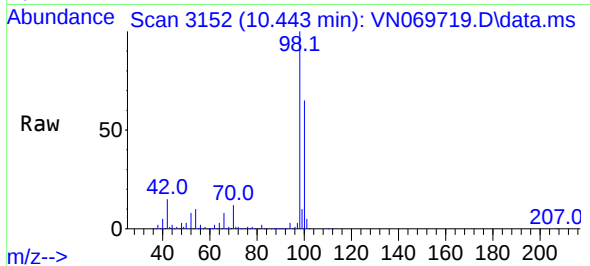
Tgt Ion: 88 Resp: 5075
Ion Ratio Lower Upper
88 100
43 37.3 23.4 35.2#
58 92.5 50.6 75.8#





#50
Toluene-d8
Concen: 50.47 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069719.D
Acq: 3 Dec 2021 15:38

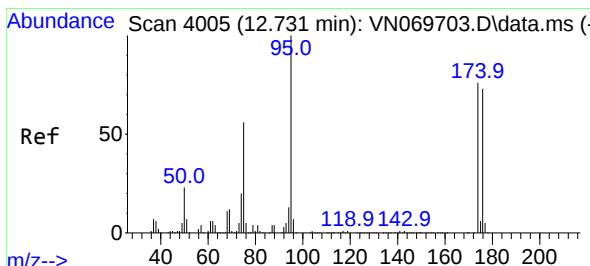
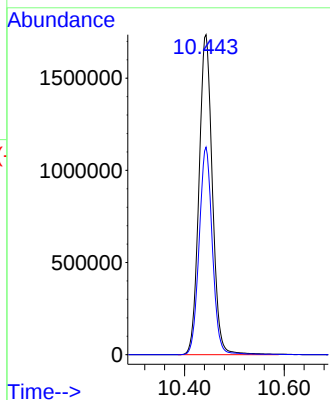
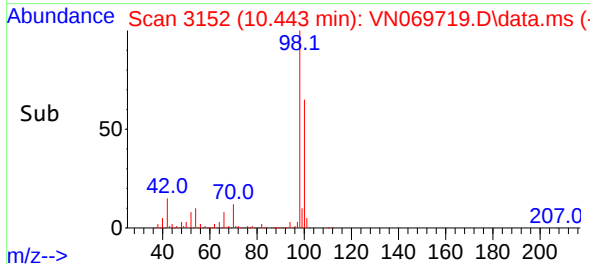
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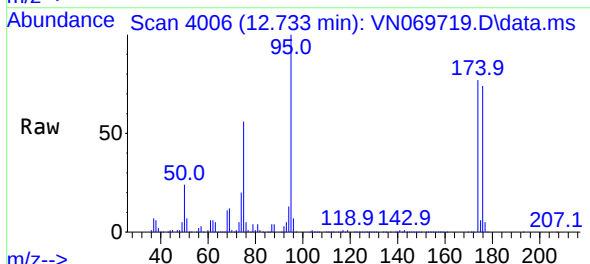
Tgt Ion: 98 Resp: 3236269
Ion Ratio Lower Upper
98 100
100 63.9 50.4 75.6

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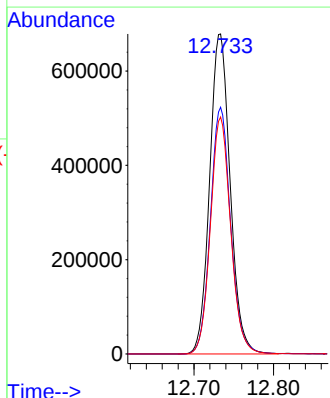
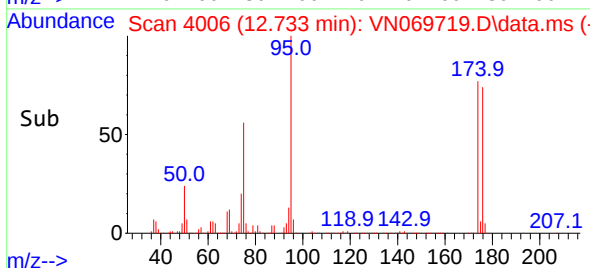
Reviewed By :John Carlone 12/04/2021
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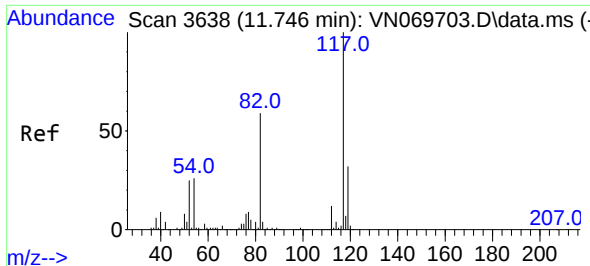


#62
4-Bromofluorobenzene
Concen: 52.33 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.002 min
Lab File: VN069719.D
Acq: 3 Dec 2021 15:38



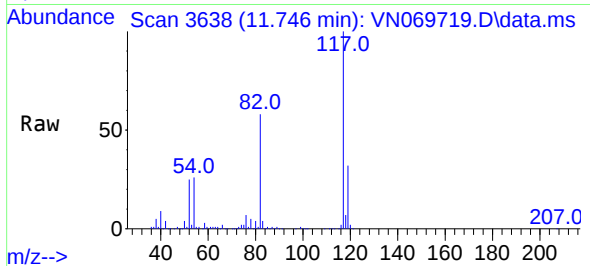
Tgt Ion: 95 Resp: 1215703
Ion Ratio Lower Upper
95 100
174 76.3 0.0 187.2
176 73.1 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069719.D
Acq: 3 Dec 2021 15:38

Instrument :
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ClientSampleId :
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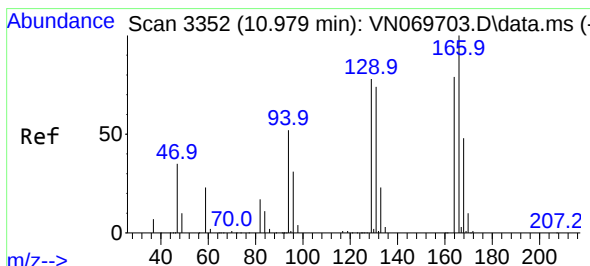
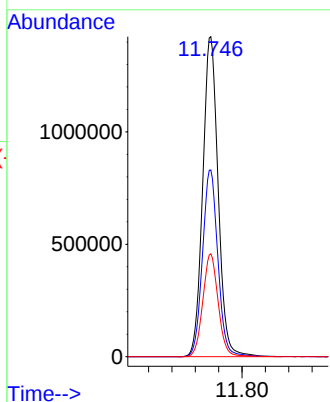
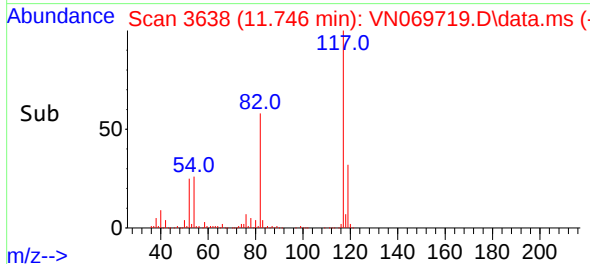


Tgt Ion:117 Resp: 261176

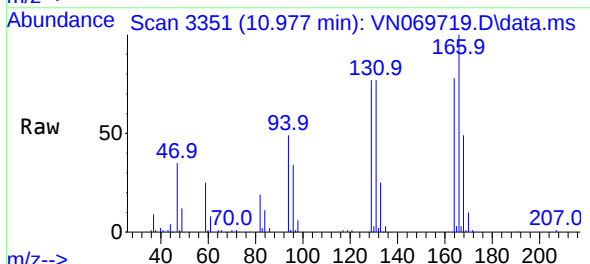
Ion	Ratio	Lower	Upper
117	100		
82	58.4	42.4	63.6
119	32.1	25.4	38.2

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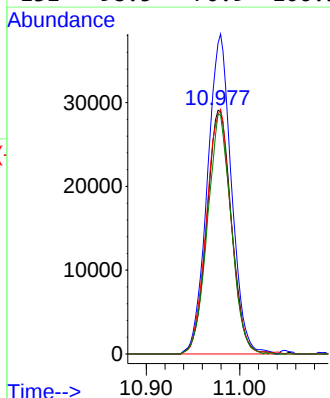
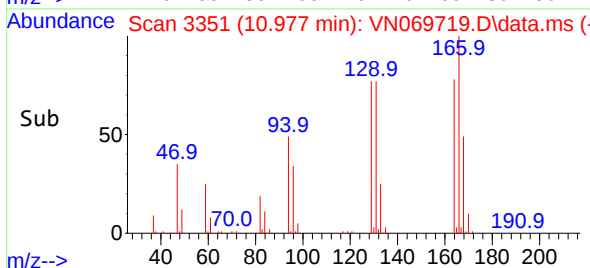


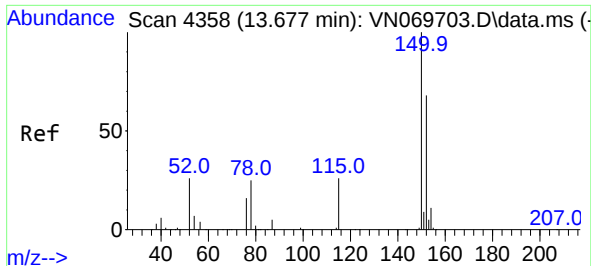
#64
Tetrachloroethene
Concen: 3.01 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.002 min
Lab File: VN069719.D
Acq: 3 Dec 2021 15:38



Tgt Ion:164 Resp: 53343

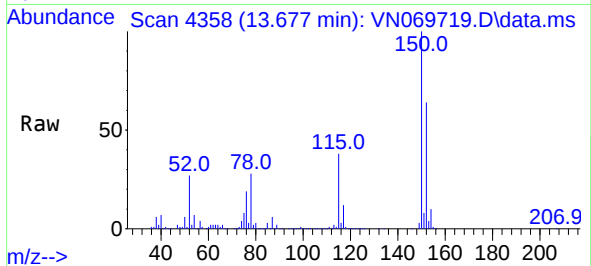
Ion	Ratio	Lower	Upper
164	100		
166	127.5	101.9	152.9
129	98.2	72.0	108.0
131	98.5	70.9	106.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.677 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN069719.D
Acq: 3 Dec 2021 15:38

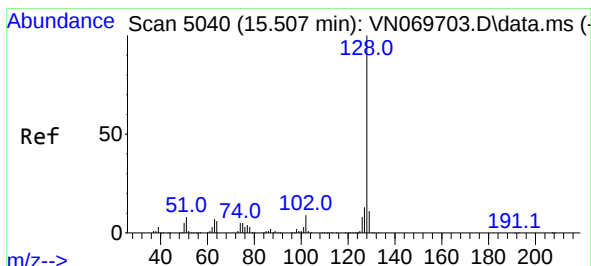
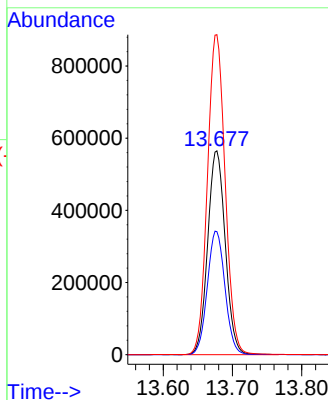
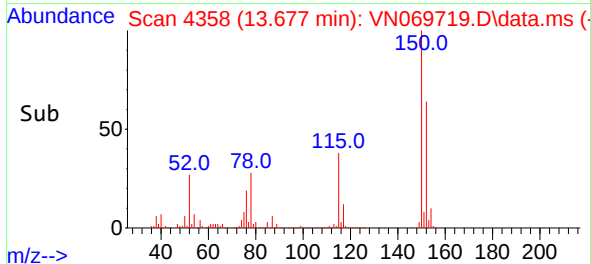
Instrument :
MSVOA_N
ClientSampleId :
RE132D4-20211129



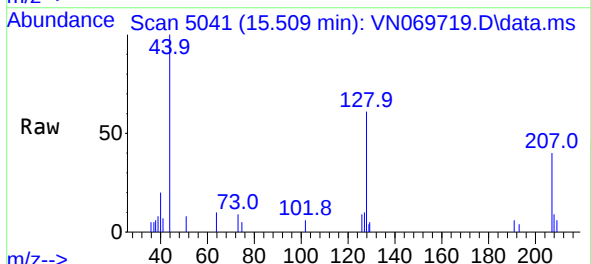
Tgt Ion:152 Resp: 997985
Ion Ratio Lower Upper
152 100
115 60.9 27.5 82.5
150 157.8 0.0 344.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/04/2021
Supervised By :Mahesh Dadoda 12/06/2021



#95
Naphthalene
Concen: 4.08 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN069719.D
Acq: 3 Dec 2021 15:38



Tgt Ion:128 Resp: 4848
Ion Ratio Lower Upper
128 100
127 7.3 10.5 15.7#
129 2.4 8.7 13.1#

