

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081322\
 Data File : VN073870.D
 Acq On : 13 Aug 2022 16:01
 Operator : JC\MD
 Sample : VN0813WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0813WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/15/2022
 Supervised By : Mahesh Dadoda 08/16/2022

Quant Time: Aug 14 02:35:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 05:09:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	536790	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	771029	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	695391	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	353146	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	243741	37.260	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	74.520%		
35) Dibromofluoromethane	7.951	113	218071	45.041	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.080%		
50) Toluene-d8	10.380	98	783366	41.117	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	82.240%#		
62) 4-Bromofluorobenzene	12.668	95	282675	42.690	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	85.380%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	91942	17.659	ug/l	98
3) Chloromethane	2.269	50	96054	13.522	ug/l	99
4) Vinyl Chloride	2.404	62	124441	13.666	ug/l	99
5) Bromomethane	2.798	94	88501	16.758	ug/l	98
6) Chloroethane	2.963	64	85117	14.517	ug/l	95
7) Trichlorofluoromethane	3.316	101	162657	17.333	ug/l	98
8) Diethyl Ether	3.769	74	61340	17.408	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.140	101	96994	18.681	ug/l	92
10) Methyl Iodide	4.345	142	109824	20.806	ug/l	98
11) Tert butyl alcohol	5.281	59	127220	90.176	ug/l	100
12) 1,1-Dichloroethene	4.116	96	86763	17.036	ug/l	90
13) Acrolein	3.987	56	37624	26.900	ug/l	97
14) Allyl chloride	4.757	41	122299	15.020	ug/l	93
15) Acrylonitrile	5.469	53	306151	78.449	ug/l	100
16) Acetone	4.216	43	257351	73.245	ug/l	99
17) Carbon Disulfide	4.457	76	202926	15.027	ug/l	99
18) Methyl Acetate	4.775	43	146561	16.766	ug/l	97
19) Methyl tert-butyl Ether	5.528	73	324867	18.672	ug/l	98
20) Methylene Chloride	5.016	84	106746	17.340	ug/l	95
21) trans-1,2-Dichloroethene	5.516	96	94176	17.082	ug/l	90
22) Diisopropyl ether	6.410	45	281446	16.021	ug/l	97
23) Vinyl Acetate	6.345	43	1236018	83.922	ug/l	99
24) 1,1-Dichloroethane	6.298	63	168556	15.597	ug/l	96
25) 2-Butanone	7.257	43	421286	77.208	ug/l	98
26) 2,2-Dichloropropane	7.245	77	153823	18.500	ug/l	98
27) cis-1,2-Dichloroethene	7.245	96	118536	17.451	ug/l	94
28) Bromochloromethane	7.580	49	62221	13.712	ug/l #	80
29) Tetrahydrofuran	7.610	42	267918	77.660	ug/l	94
30) Chloroform	7.745	83	190733	16.939	ug/l	96
31) Cyclohexane	8.022	56	150130	15.415	ug/l	93
32) 1,1,1-Trichloroethane	7.939	97	167247	17.889	ug/l	97
36) 1,1-Dichloropropene	8.151	75	129517	18.769	ug/l	98
37) Ethyl Acetate	7.333	43	157833	17.368	ug/l	97
38) Carbon Tetrachloride	8.133	117	149691	21.359	ug/l	94
39) Methylcyclohexane	9.392	83	170736	20.706	ug/l	95
40) Benzene	8.386	78	417485	18.631	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.557	41	71238	17.324	ug/l	95
42) 1,2-Dichloroethane	8.463	62	146938	19.457	ug/l	98
43) Isopropyl Acetate	8.492	43	239889	19.544	ug/l	98
44) Trichloroethene	9.151	130	120956	21.286	ug/l	95
45) 1,2-Dichloropropane	9.427	63	101382	18.101	ug/l	96
46) Dibromomethane	9.516	93	80430	20.691	ug/l	91
47) Bromodichloromethane	9.698	83	150579	20.183	ug/l	99
48) Methyl methacrylate	9.492	41	105512	19.638	ug/l	90
49) 1,4-Dioxane	9.504	88	62005	409.396	ug/l	90
51) 4-Methyl-2-Pentanone	10.269	43	814491	92.516	ug/l	99
52) Toluene	10.445	92	277119	20.247	ug/l	100
53) t-1,3-Dichloropropene	10.657	75	158386	21.489	ug/l	98
54) cis-1,3-Dichloropropene	10.127	75	170600	20.540	ug/l	97
55) 1,1,2-Trichloroethane	10.839	97	117704	20.623	ug/l	99
56) Ethyl methacrylate	10.704	69	175159	22.267	ug/l	97
57) 1,3-Dichloropropane	10.986	76	189852	19.606	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.980	63	348647	90.366	ug/l	93
59) 2-Hexanone	11.027	43	629932	94.442	ug/l	99
60) Dibromochloromethane	11.180	129	129106	22.738	ug/l	98
61) 1,2-Dibromoethane	11.286	107	124988	21.263	ug/l	99
64) Tetrachloroethene	10.916	164	113425	20.524	ug/l	91
65) Chlorobenzene	11.710	112	312221	21.138	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.780	131	120946	22.829	ug/l	97
67) Ethyl Benzene	11.786	91	514113	20.631	ug/l	99
68) m/p-Xylenes	11.892	106	419942	44.186	ug/l	97
69) o-Xylene	12.221	106	208691	22.523	ug/l	97
70) Styrene	12.233	104	337822	22.776	ug/l	98
71) Bromoform	12.398	173	106788	24.420	ug/l #	100
73) Isopropylbenzene	12.515	105	523305	20.243	ug/l	97
74) N-amyl acetate	12.327	43	197985	20.270	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.768	83	179838	18.028	ug/l	98
76) 1,2,3-Trichloropropane	12.821	75	153065m	21.845	ug/l	
77) Bromobenzene	12.798	156	146767	21.801	ug/l	87
78) n-propylbenzene	12.862	91	574906	19.765	ug/l	97
79) 2-Chlorotoluene	12.945	91	359347	19.794	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	442027	20.778	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.568	75	56699	20.807	ug/l	97
82) 4-Chlorotoluene	13.045	91	340796	19.807	ug/l	95
83) tert-Butylbenzene	13.262	119	399558	21.204	ug/l	97
84) 1,2,4-Trimethylbenzene	13.310	105	443085	21.181	ug/l	99
85) sec-Butylbenzene	13.439	105	536949	20.617	ug/l	98
86) p-Isopropyltoluene	13.557	119	457396	22.278	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	252436	20.543	ug/l	97
88) 1,4-Dichlorobenzene	13.633	146	257265	20.924	ug/l	98
89) n-Butylbenzene	13.880	91	347040	20.774	ug/l	98
90) Hexachloroethane	14.151	117	79417	19.496	ug/l	88
91) 1,2-Dichlorobenzene	13.927	146	265081	21.288	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.539	75	41839	20.875	ug/l	83
93) 1,2,4-Trichlorobenzene	15.198	180	161935	26.188	ug/l	98
94) Hexachlorobutadiene	15.298	225	82720	24.606	ug/l	98
95) Naphthalene	15.433	128	542566	27.039	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	169351	26.021	ug/l	99

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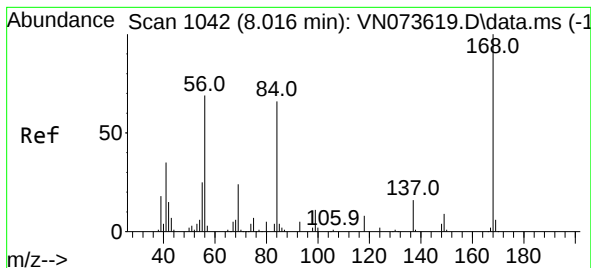
Manual Integrations
APPROVED

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 10 05:09:32 2022
Response via : Initial Calibration

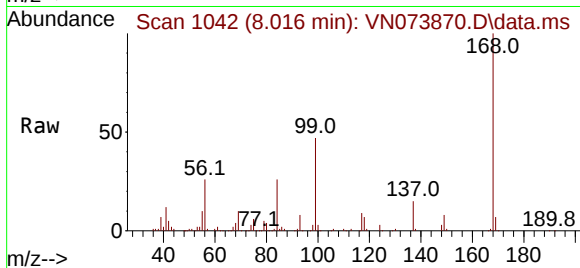
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073870.D
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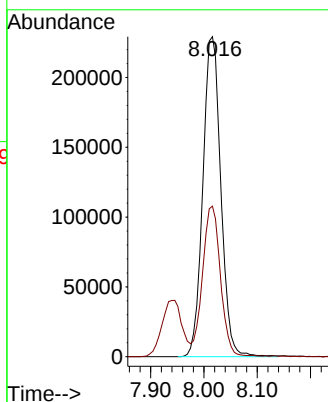
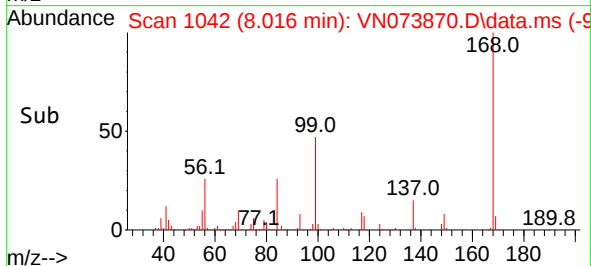
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBSD01



Tgt Ion:168 Resp: 536790
Ion Ratio Lower Upper
168 100
99 46.9 42.3 63.5

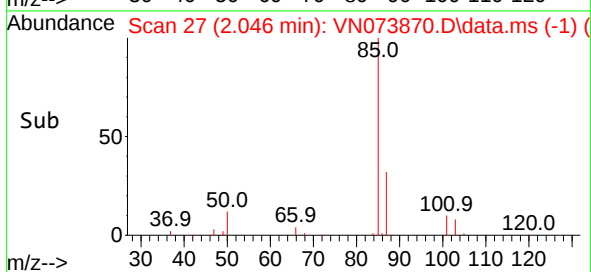
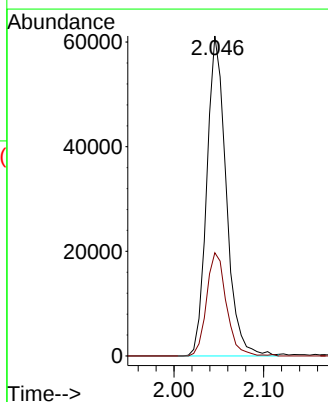
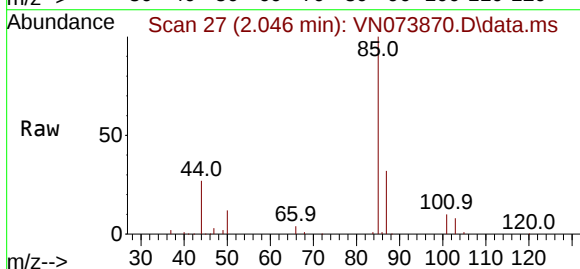
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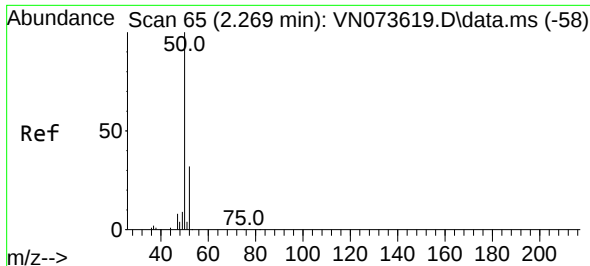
Reviewed By :John Carlone 08/15/2022
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#2
Dichlorodifluoromethane
Concen: 17.659 ug/l
RT: 2.046 min Scan# 27
Delta R.T. -0.000 min
Lab File: VN073870.D
Acq: 13 Aug 2022 16:01

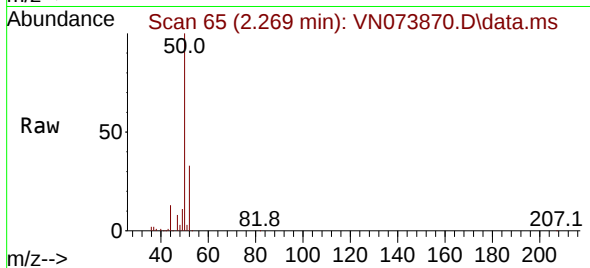
Tgt Ion: 85 Resp: 91942
Ion Ratio Lower Upper
85 100
87 32.2 15.7 47.1





#3
Chloromethane
Concen: 13.522 ug/l
RT: 2.269 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN073870.D
Acq: 13 Aug 2022 16:01

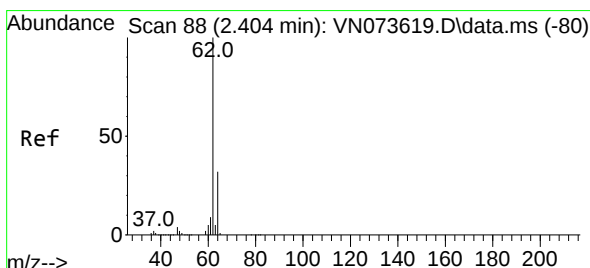
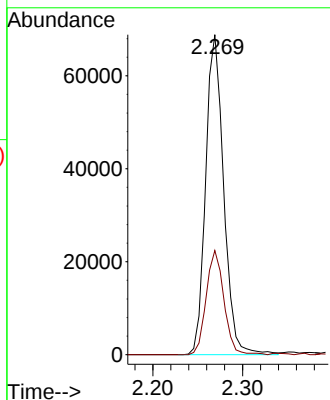
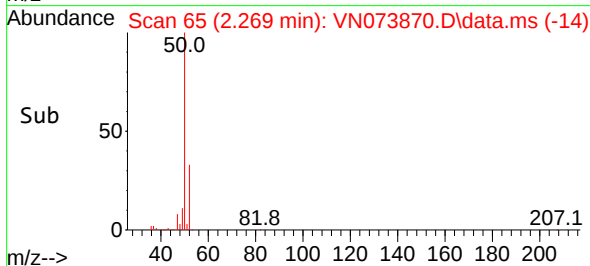
Instrument :
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Tgt Ion: 50 Resp: 96054
Ion Ratio Lower Upper
50 100
52 32.5 25.7 38.5

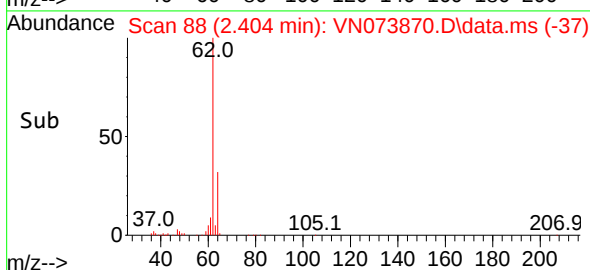
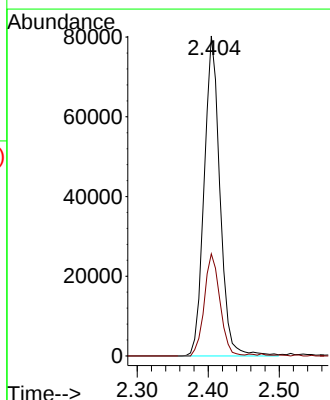
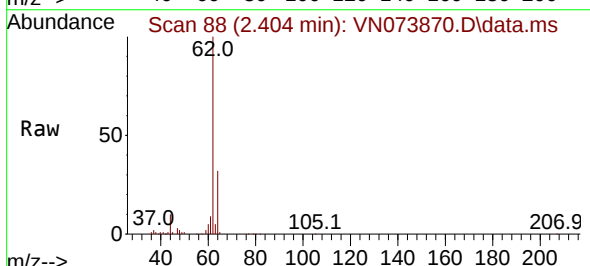
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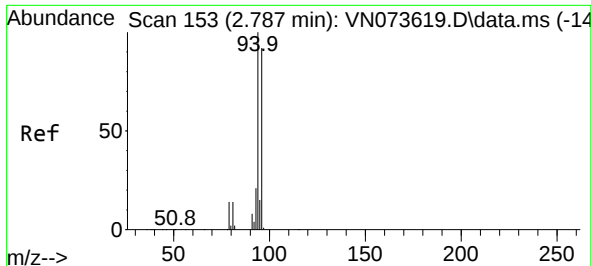
Reviewed By :John Carlone 08/15/2022
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#4
Vinyl Chloride
Concen: 13.666 ug/l
RT: 2.404 min Scan# 88
Delta R.T. -0.000 min
Lab File: VN073870.D
Acq: 13 Aug 2022 16:01

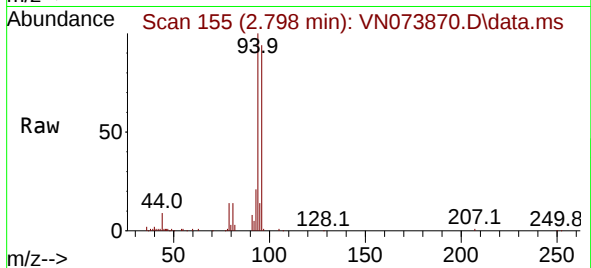
Tgt Ion: 62 Resp: 124441
Ion Ratio Lower Upper
62 100
64 31.9 25.0 37.4





#5
Bromomethane
Concen: 16.758 ug/l
RT: 2.798 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN073870.D
Acq: 13 Aug 2022 16:01

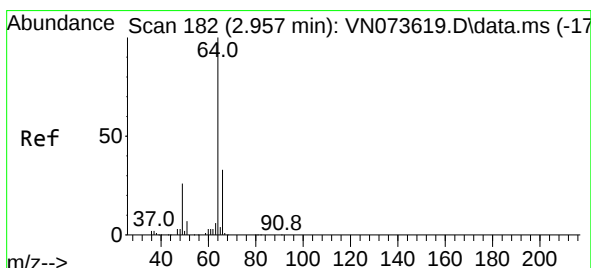
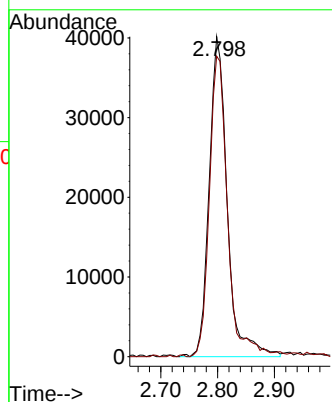
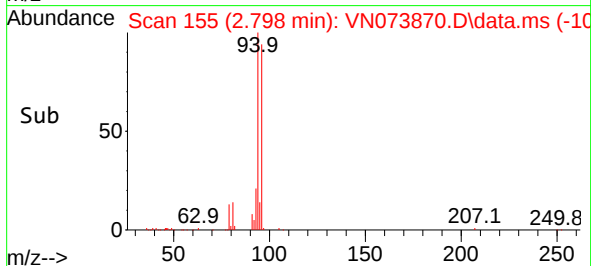
Instrument :
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Tgt Ion: 94 Resp: 8850
Ion Ratio Lower Upper
94 100
96 93.4 76.0 114.0

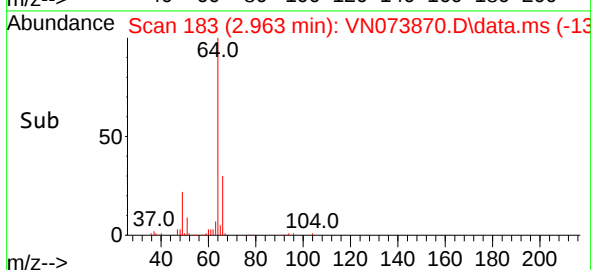
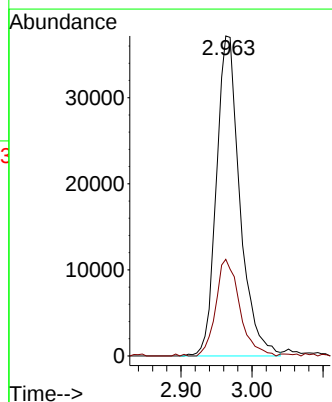
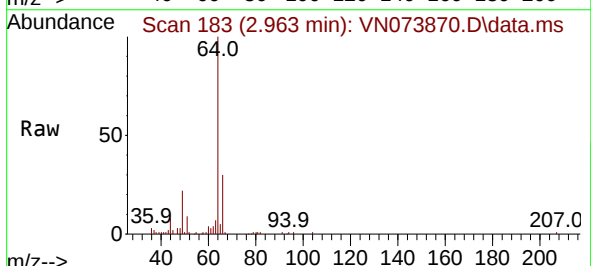
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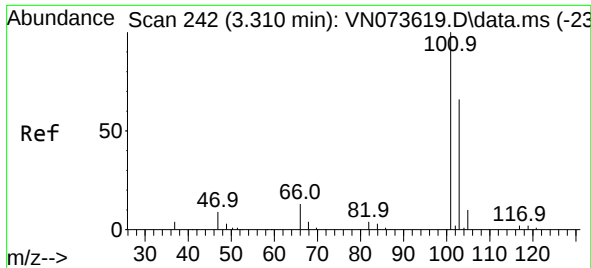
Reviewed By :John Carlone 08/15/2022
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#6
Chloroethane
Concen: 14.517 ug/l
RT: 2.963 min Scan# 183
Delta R.T. 0.006 min
Lab File: VN073870.D
Acq: 13 Aug 2022 16:01

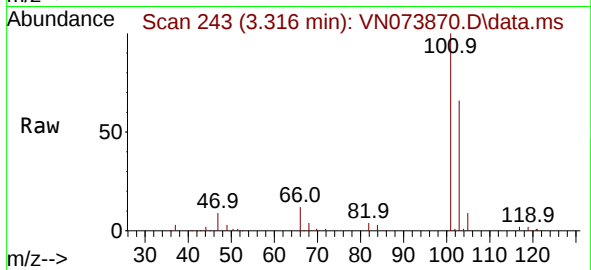
Tgt Ion: 64 Resp: 85117
Ion Ratio Lower Upper
64 100
66 30.2 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 17.333 ug/l
 RT: 3.316 min Scan# 242
 Delta R.T. 0.006 min
 Lab File: VN073870.D
 Acq: 13 Aug 2022 16:01

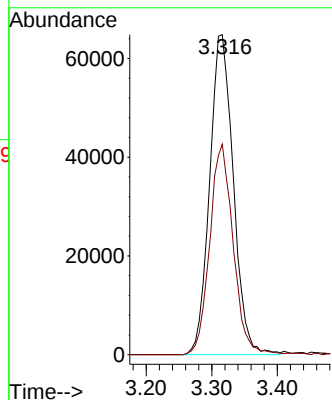
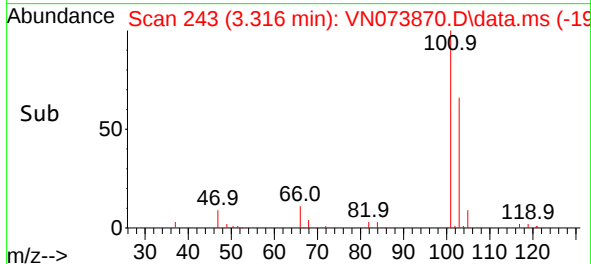
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0813WBSD01



Tgt Ion:101 Resp: 16265
 Ion Ratio Lower Upper
 101 100
 103 65.8 51.5 77.3

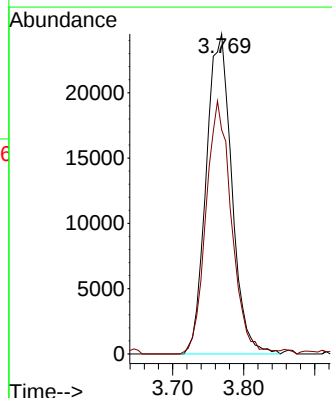
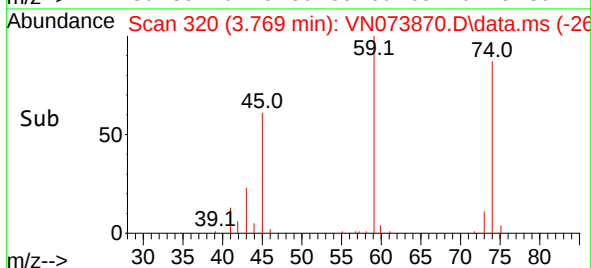
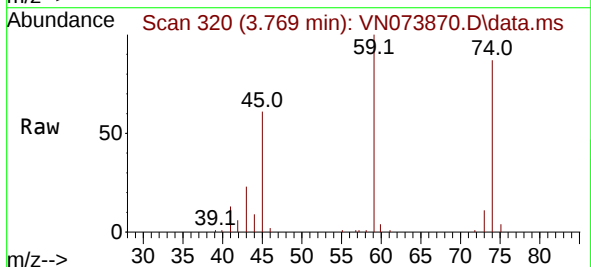
Manual Integrations
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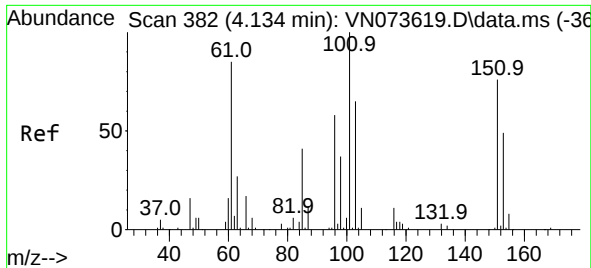
Reviewed By :John Carlone 08/15/2022
 Supervised By :Mahesh Dadoda 08/16/2022



#8
 Diethyl Ether
 Concen: 17.408 ug/l
 RT: 3.769 min Scan# 320
 Delta R.T. 0.006 min
 Lab File: VN073870.D
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Tgt Ion: 74 Resp: 61340
 Ion Ratio Lower Upper
 74 100
 45 79.0 42.9 128.5





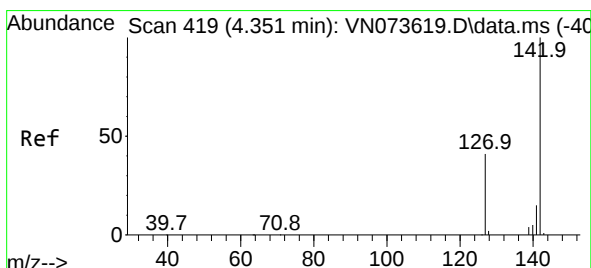
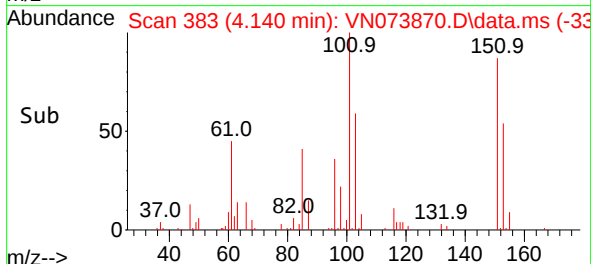
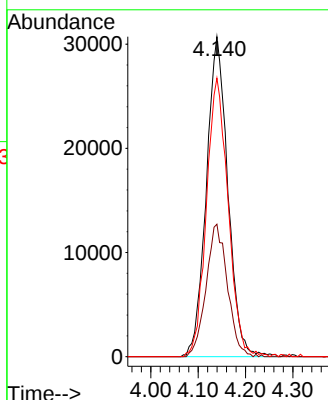
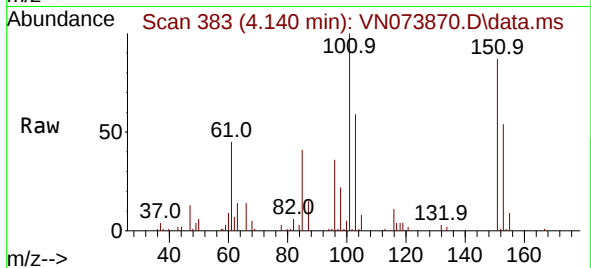
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.681 ug/l
RT: 4.140 min Scan# 382
Delta R.T. 0.006 min
Lab File: VN073870.D
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Tgt Ion:101 Resp: 96994
Ion Ratio Lower Upper
101 100
85 41.1 34.7 52.1
151 87.7 63.0 94.4

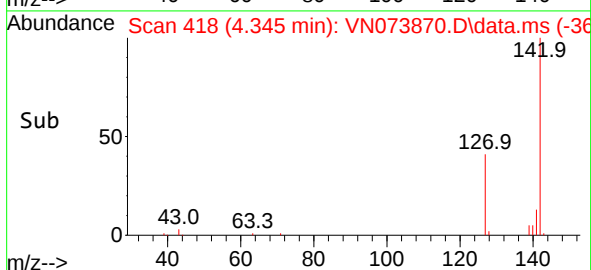
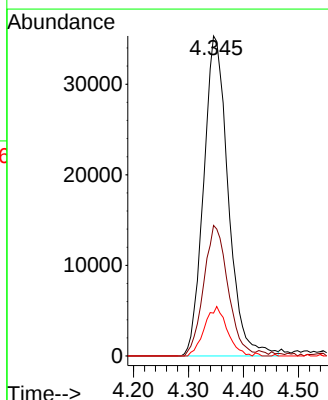
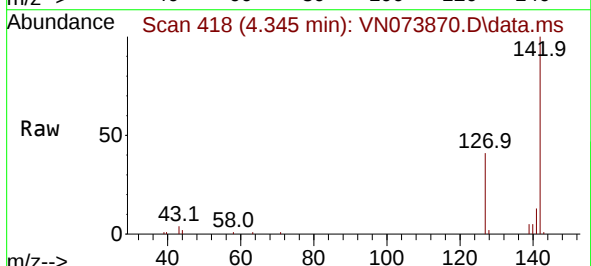
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/15/2022
Supervised By :Mahesh Dadoda 08/16/2022



#10
Methyl Iodide
Concen: 20.806 ug/l
RT: 4.345 min Scan# 418
Delta R.T. -0.006 min
Lab File: VN073870.D
Acq: 13 Aug 2022 16:01

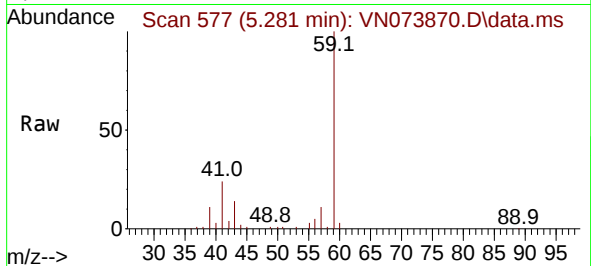
Tgt Ion:142 Resp: 109824
Ion Ratio Lower Upper
142 100
127 40.3 31.3 46.9
141 14.3 11.2 16.8





#11
Tert butyl alcohol
Concen: 90.176 ug/l
RT: 5.281 min Scan# 51
Delta R.T. -0.011 min
Lab File: VN073870.D
Acq: 13 Aug 2022 16:01

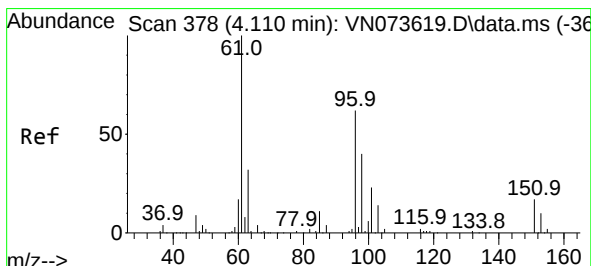
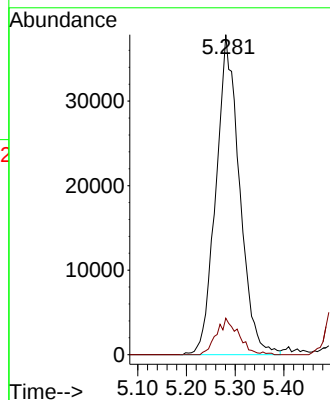
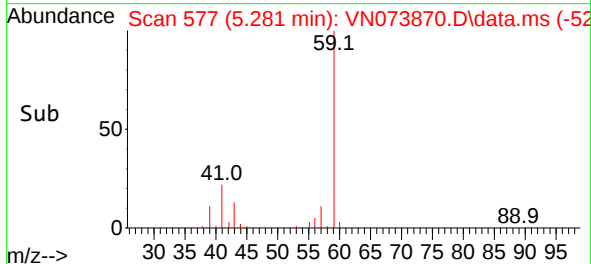
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBSD01



Tgt Ion: 59 Resp: 127220
Ion Ratio Lower Upper
59 100
57 10.5 8.3 12.5

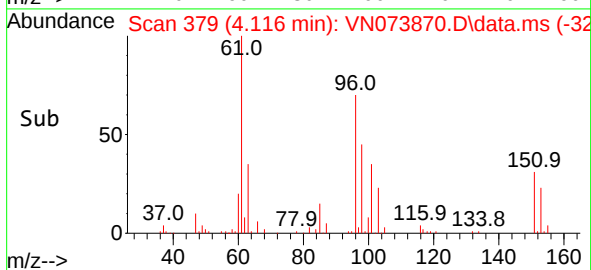
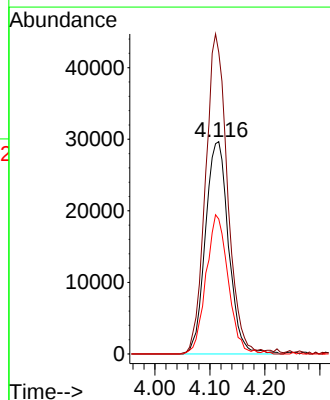
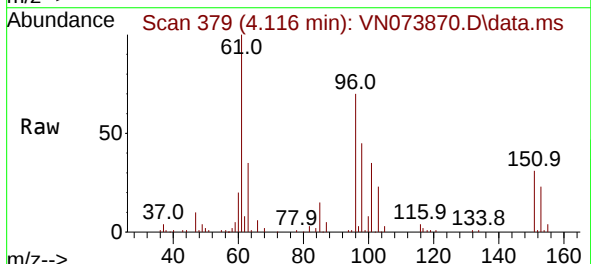
Manual Integrations
APPROVED

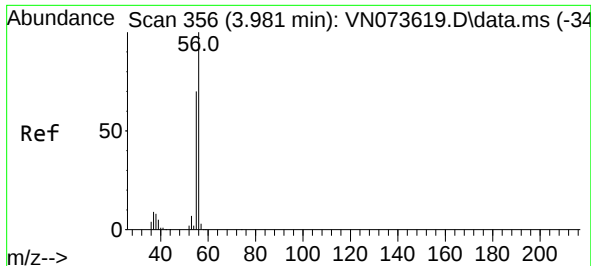
Reviewed By :John Carlone 08/15/2022
Supervised By :Mahesh Dadoda 08/16/2022



#12
1,1-Dichloroethene
Concen: 17.036 ug/l
RT: 4.116 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN073870.D
Acq: 13 Aug 2022 16:01

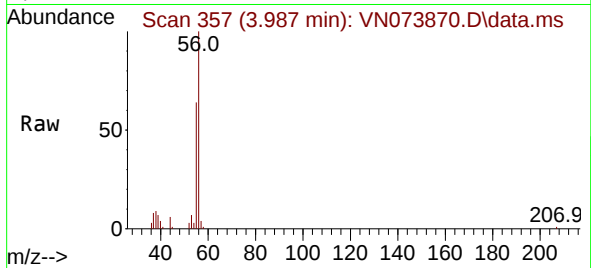
Tgt Ion: 96 Resp: 86763
Ion Ratio Lower Upper
96 100
61 142.1 127.6 191.4
98 63.5 51.2 76.8





#13
Acrolein
Concen: 26.900 ug/l
RT: 3.987 min Scan# 356
Delta R.T. 0.006 min
Lab File: VN073870.D
Acq: 13 Aug 2022 16:01

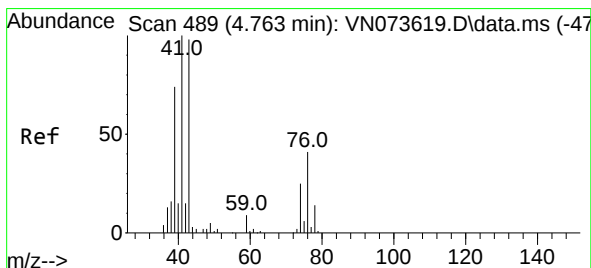
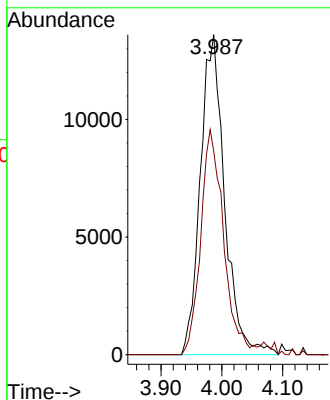
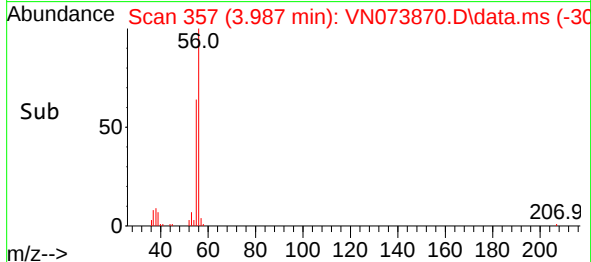
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBSD01



Tgt Ion: 56 Resp: 37624
Ion Ratio Lower Upper
56 100
55 66.4 54.8 82.2

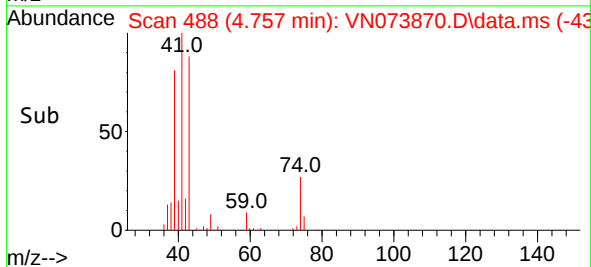
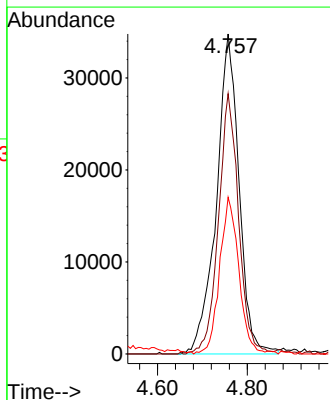
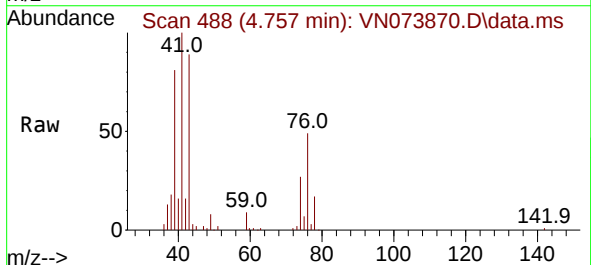
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/15/2022
Supervised By :Mahesh Dadoda 08/16/2022



#14
Allyl chloride
Concen: 15.020 ug/l
RT: 4.757 min Scan# 488
Delta R.T. -0.006 min
Lab File: VN073870.D
Acq: 13 Aug 2022 16:01

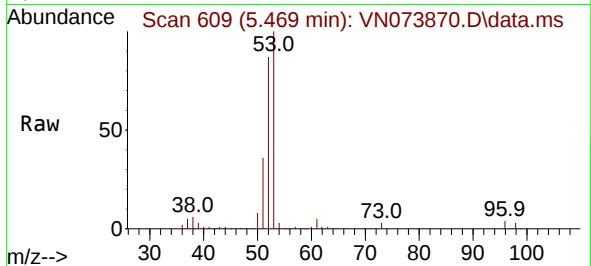
Tgt Ion: 41 Resp: 122299
Ion Ratio Lower Upper
41 100
39 72.2 53.2 79.8
76 41.3 29.9 44.9





#15
Acrylonitrile
Concen: 78.449 ug/l
RT: 5.469 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN073870.D
Acq: 13 Aug 2022 16:01

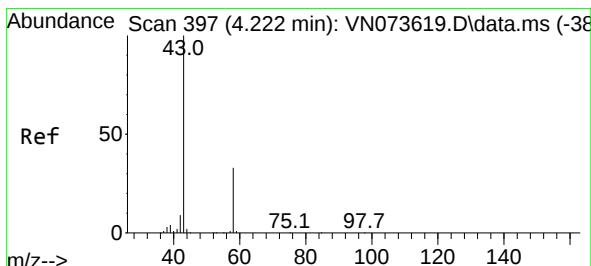
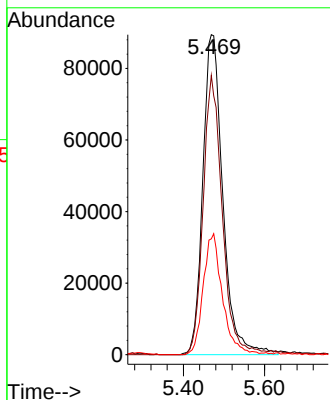
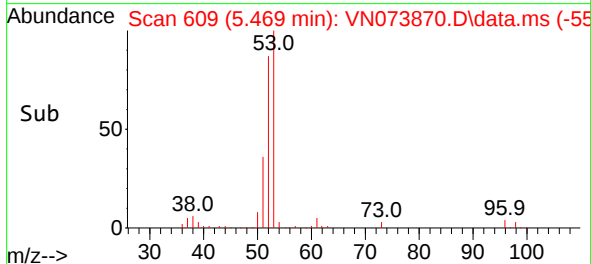
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBSD01



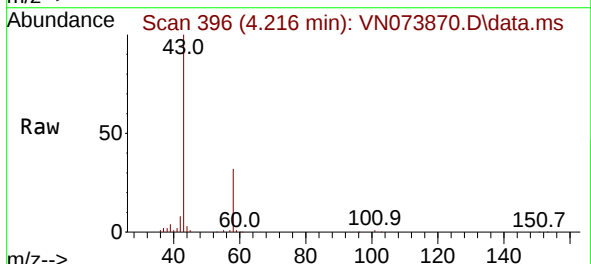
Tgt Ion: 53 Resp: 30615
Ion Ratio Lower Upper
53 100
52 83.1 66.4 99.6
51 36.4 28.5 42.7

Manual Integrations
APPROVED

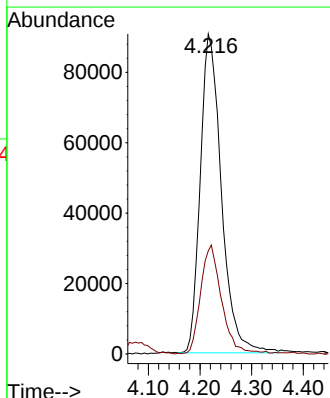
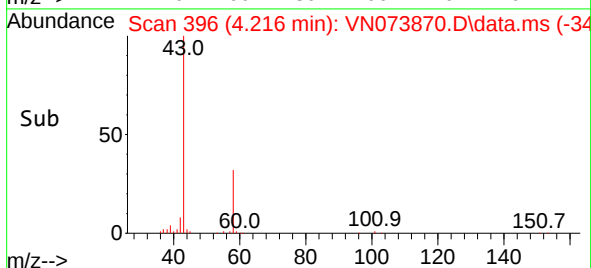
Reviewed By :John Carlone 08/15/2022
Supervised By :Mahesh Dadoda 08/16/2022

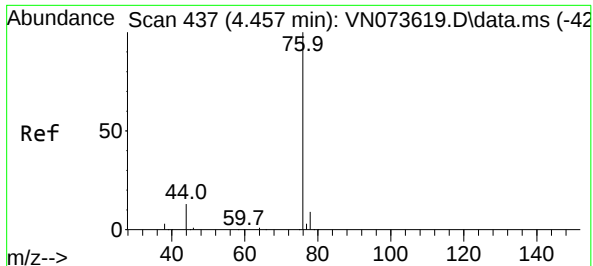


#16
Acetone
Concen: 73.245 ug/l
RT: 4.216 min Scan# 396
Delta R.T. -0.006 min
Lab File: VN073870.D
Acq: 13 Aug 2022 16:01



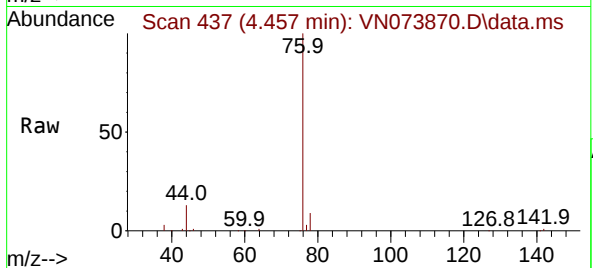
Tgt Ion: 43 Resp: 257351
Ion Ratio Lower Upper
43 100
58 32.1 26.0 39.0





#17
Carbon Disulfide
Concen: 15.027 ug/l
RT: 4.457 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN073870.D
Acq: 13 Aug 2022 16:01

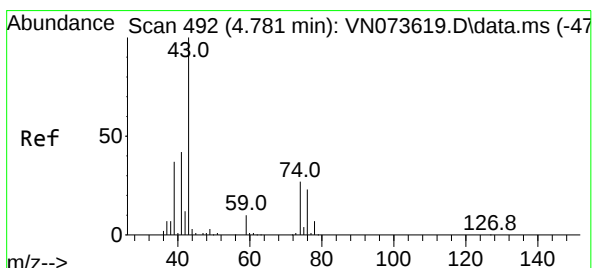
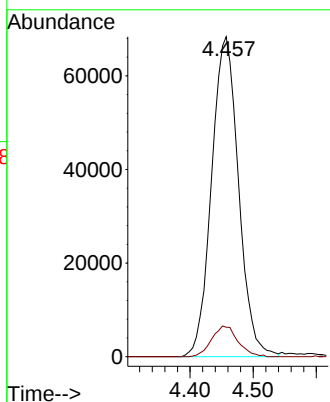
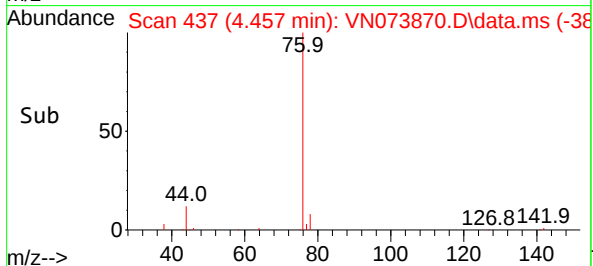
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBSD01



Tgt Ion: 76 Resp: 202920
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

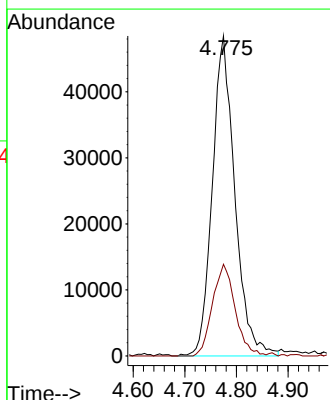
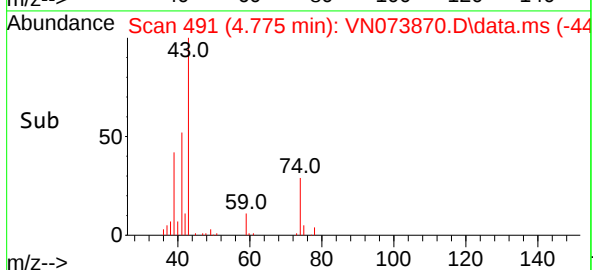
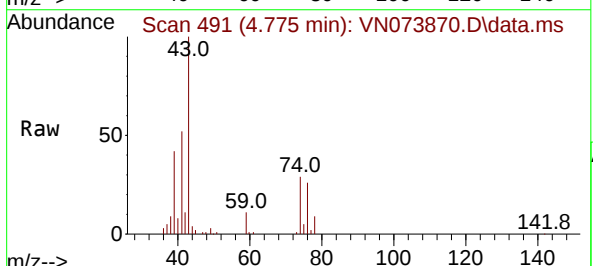
Manual Integrations
APPROVED

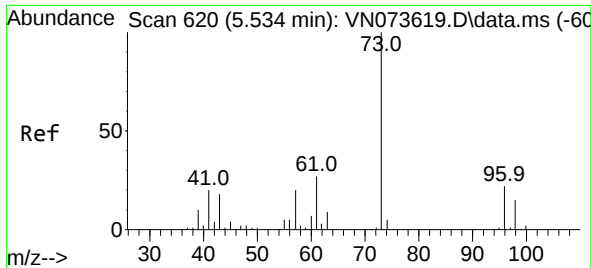
Reviewed By :John Carlone 08/15/2022
Supervised By :Mahesh Dadoda 08/16/2022



#18
Methyl Acetate
Concen: 16.766 ug/l
RT: 4.775 min Scan# 491
Delta R.T. -0.006 min
Lab File: VN073870.D
Acq: 13 Aug 2022 16:01

Tgt Ion: 43 Resp: 146561
Ion Ratio Lower Upper
43 100
74 28.8 21.6 32.4





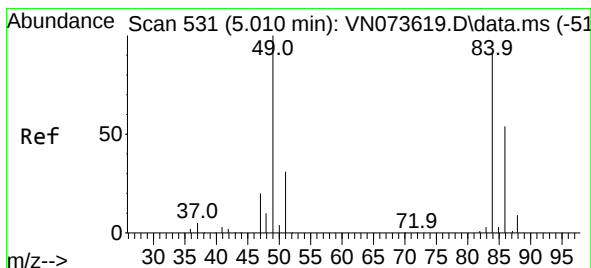
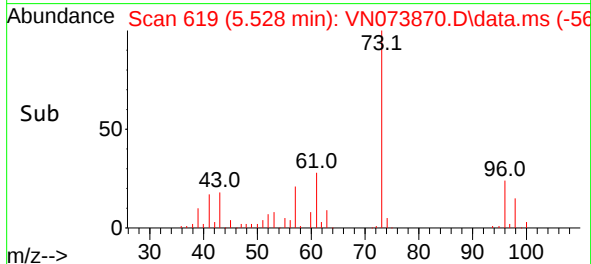
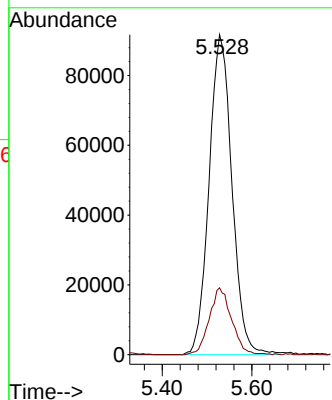
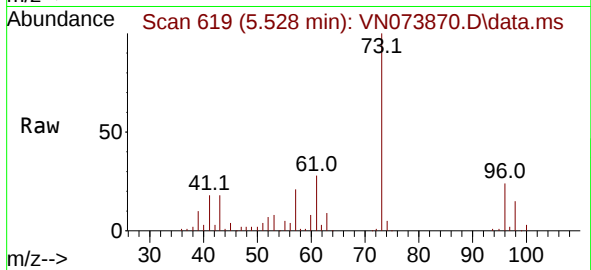
#19
Methyl tert-butyl Ether
Concen: 18.672 ug/l
RT: 5.528 min Scan# 619
Delta R.T. -0.006 min
Lab File: VN073870.D
Acq: 13 Aug 2022 16:01

Instrument :
MSVOA_N
ClientSampleId :
VN0813WBSD01

Tgt Ion: 73 Resp: 32486
Ion Ratio Lower Upper
73 100
57 20.9 17.6 26.4

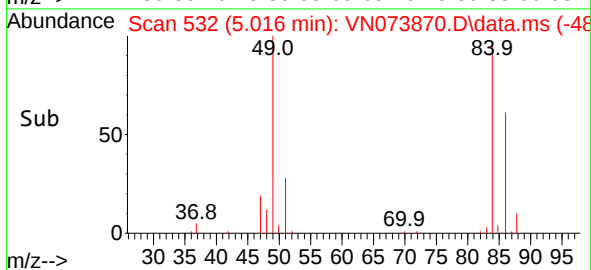
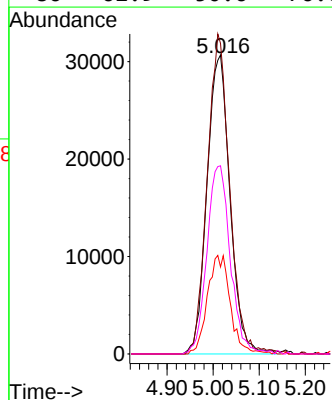
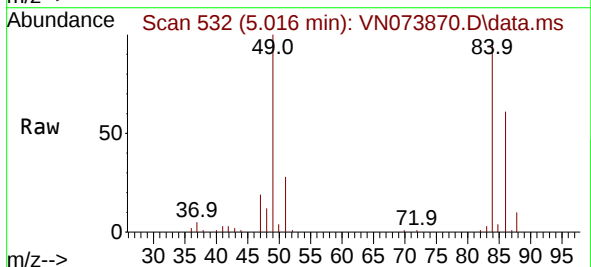
Manual Integrations
APPROVED

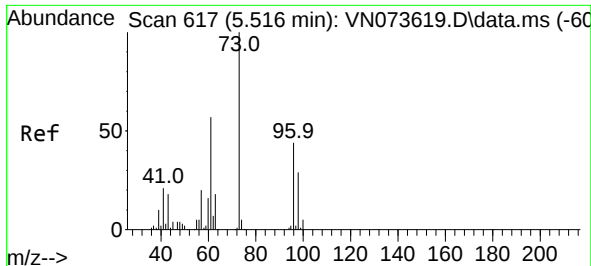
Reviewed By :John Carlone 08/15/2022
Supervised By :Mahesh Dadoda 08/16/2022



#20
Methylene Chloride
Concen: 17.340 ug/l
RT: 5.016 min Scan# 532
Delta R.T. 0.006 min
Lab File: VN073870.D
Acq: 13 Aug 2022 16:01

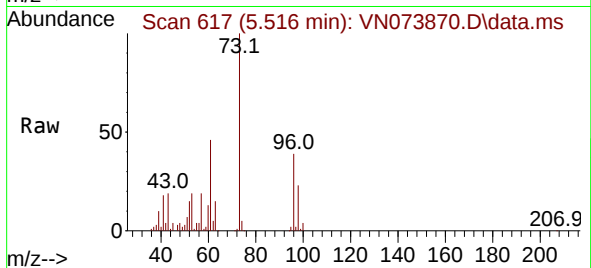
Tgt Ion: 84 Resp: 106746
Ion Ratio Lower Upper
84 100
49 103.9 88.3 132.5
51 29.1 28.2 42.2
86 62.9 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 17.082 ug/l
RT: 5.516 min Scan# 617
Delta R.T. -0.000 min
Lab File: VN073870.D
Acq: 13 Aug 2022 16:01

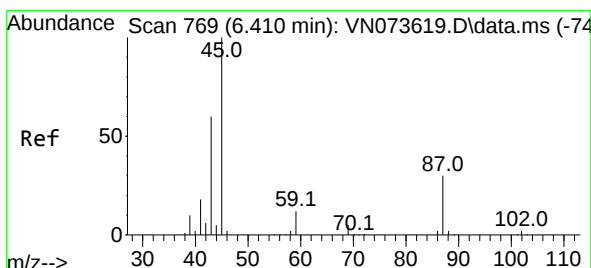
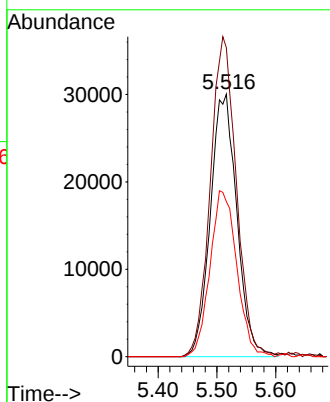
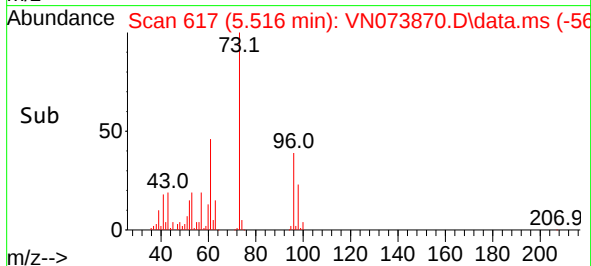
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBSD01



Tgt Ion: 96 Resp: 94170
Ion Ratio Lower Upper
96 100
61 117.7 105.8 158.8
98 59.0 50.3 75.5

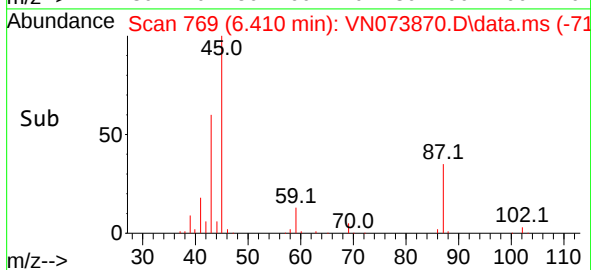
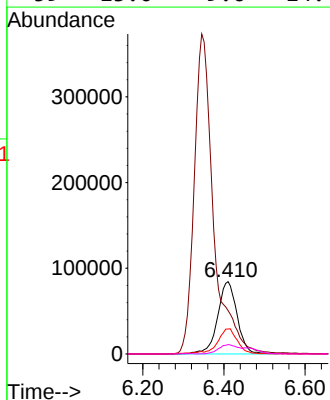
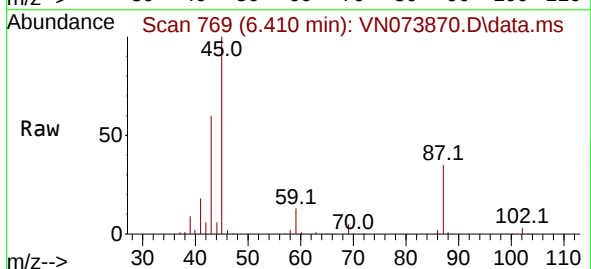
Manual Integrations
APPROVED

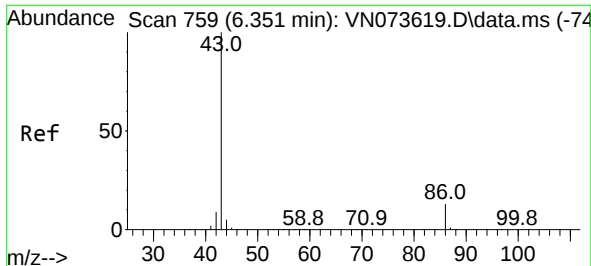
Reviewed By :John Carlone 08/15/2022
Supervised By :Mahesh Dadoda 08/16/2022



#22
Diisopropyl ether
Concen: 16.021 ug/l
RT: 6.410 min Scan# 769
Delta R.T. -0.000 min
Lab File: VN073870.D
Acq: 13 Aug 2022 16:01

Tgt Ion: 45 Resp: 281446
Ion Ratio Lower Upper
45 100
43 58.6 46.6 70.0
87 34.4 24.3 36.5
59 13.0 9.6 14.4





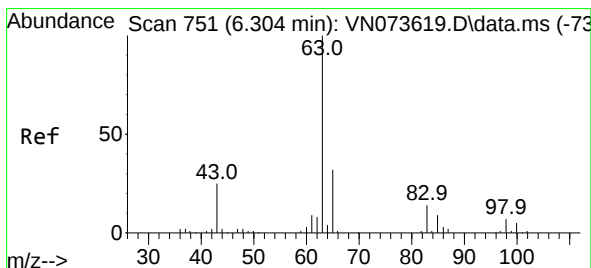
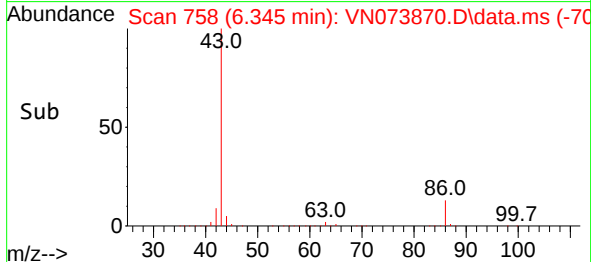
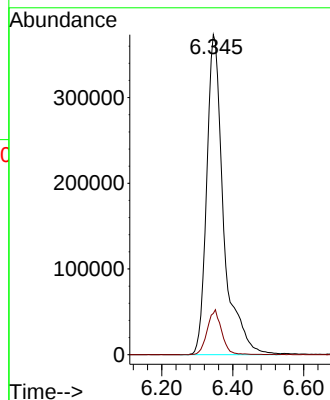
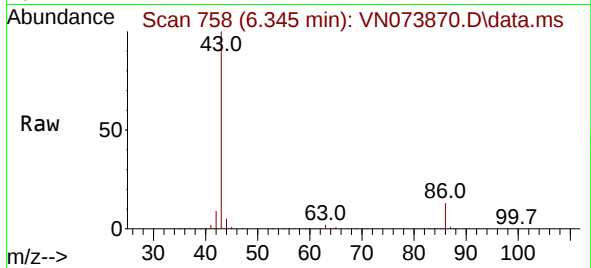
#23
 Vinyl Acetate
 Concen: 83.922 ug/l
 RT: 6.345 min Scan# 718
 Delta R.T. -0.006 min
 Lab File: VN073870.D
 Acq: 13 Aug 2022 16:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0813WBSD01

Tgt Ion: 43 Resp: 1236018
 Ion Ratio Lower Upper
 43 100
 86 12.9 10.0 15.0

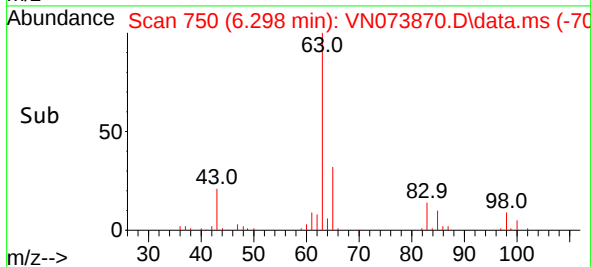
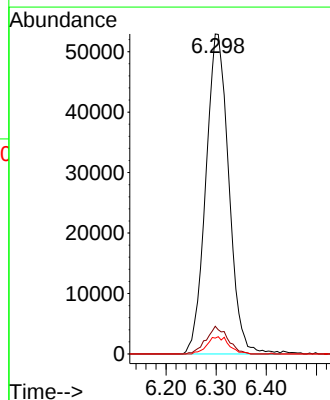
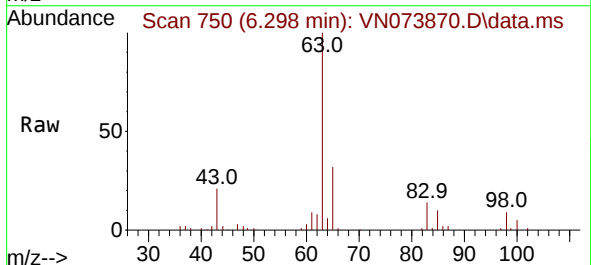
Manual Integrations
 APPROVED

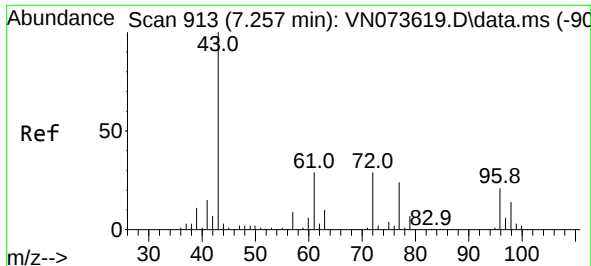
Reviewed By :John Carlone 08/15/2022
 Supervised By :Mahesh Dadoda 08/16/2022



#24
 1,1-Dichloroethane
 Concen: 15.597 ug/l
 RT: 6.298 min Scan# 750
 Delta R.T. -0.006 min
 Lab File: VN073870.D
 Acq: 13 Aug 2022 16:01

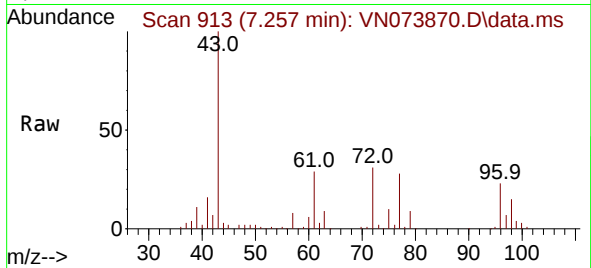
Tgt Ion: 63 Resp: 168556
 Ion Ratio Lower Upper
 63 100
 98 8.7 3.5 10.4
 100 4.9 2.3 6.8





#25
2-Butanone
Concen: 77.208 ug/l
RT: 7.257 min Scan# 913
Delta R.T. -0.000 min
Lab File: VN073870.D
Acq: 13 Aug 2022 16:01

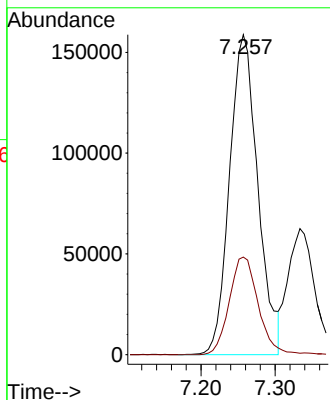
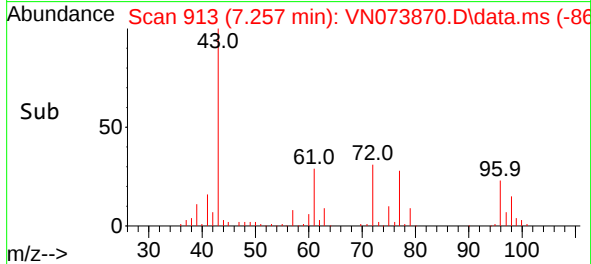
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBSD01



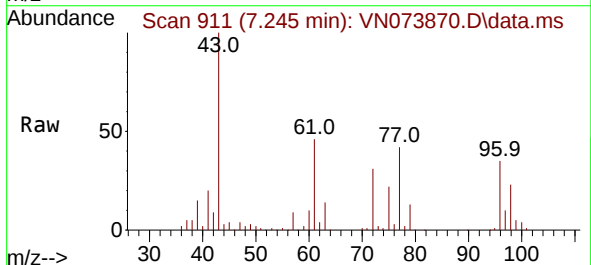
Tgt Ion: 43 Resp: 421280
Ion Ratio Lower Upper
43 100
72 30.5 23.7 35.5

Manual Integrations
APPROVED

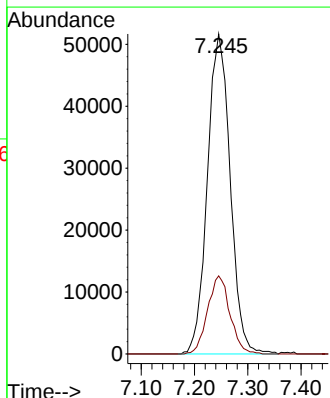
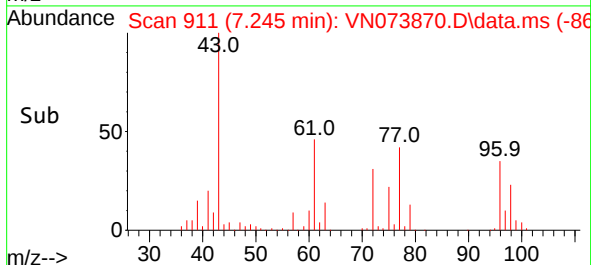
Reviewed By :John Carlone 08/15/2022
Supervised By :Mahesh Dadoda 08/16/2022



#26
2,2-Dichloropropane
Concen: 18.500 ug/l
RT: 7.245 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN073870.D
Acq: 13 Aug 2022 16:01



Tgt Ion: 77 Resp: 153823
Ion Ratio Lower Upper
77 100
97 23.8 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 17.451 ug/l

RT: 7.245 min Scan# 911

Delta R.T. -0.006 min

Lab File: VN073870.D

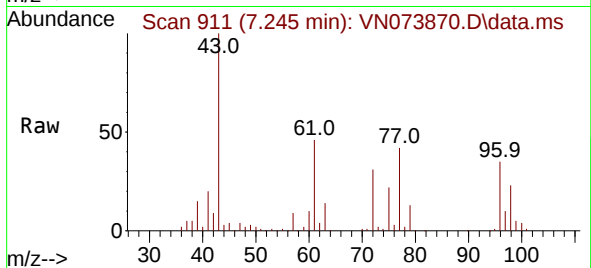
Acq: 13 Aug 2022 16:01

Instrument :

MSVOA_N

ClientSampleId :

VN0813WBSD01



Tgt Ion: 96 Resp: 118530

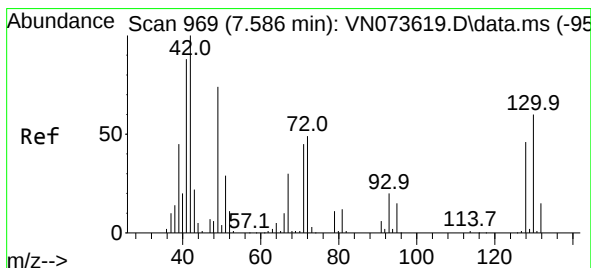
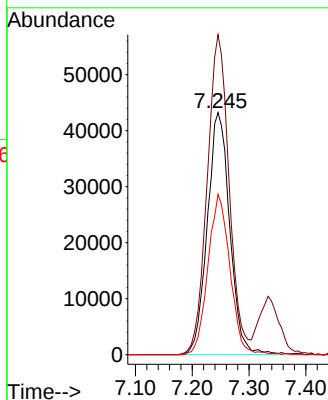
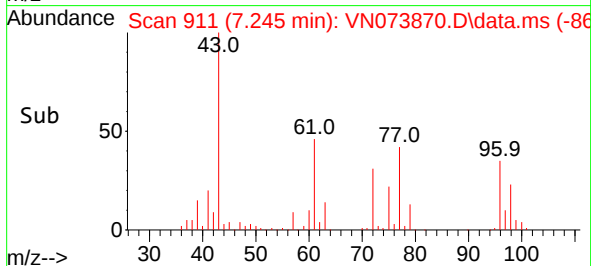
Ion	Ratio	Lower	Upper
96	100		
61	129.4	0.0	280.6
98	64.9	0.0	128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2022

Supervised By :Mahesh Dadoda 08/16/2022



#28

Bromochloromethane

Concen: 13.712 ug/l

RT: 7.580 min Scan# 968

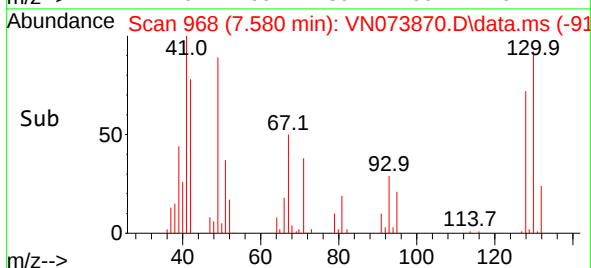
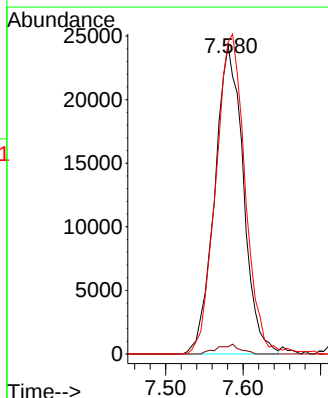
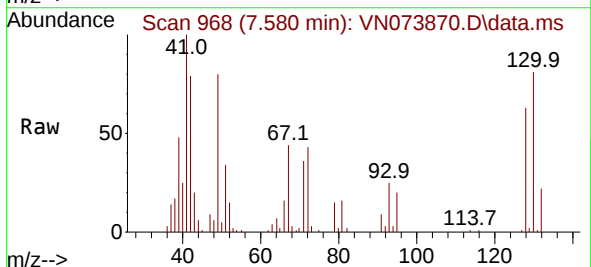
Delta R.T. -0.006 min

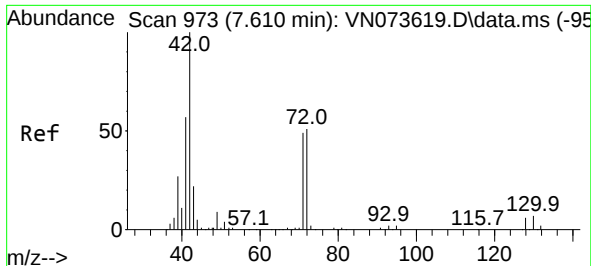
Lab File: VN073870.D

Acq: 13 Aug 2022 16:01

Tgt Ion: 49 Resp: 62221

Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.6
130	106.5	69.7	104.5#





#29

Tetrahydrofuran

Concen: 77.660 ug/l

RT: 7.610 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN073870.D

Acq: 13 Aug 2022 16:01

Instrument :

MSVOA_N

ClientSampleId :

VN0813WBSD01

Tgt Ion: 42 Resp: 267918

Ion Ratio Lower Upper

42 100

72 53.7 39.7 59.5

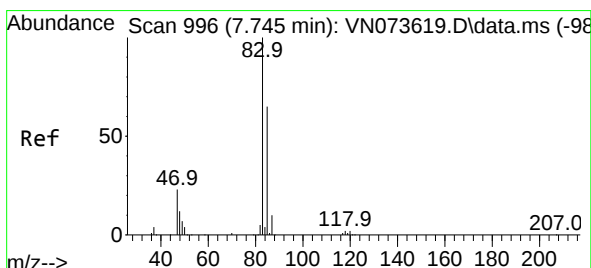
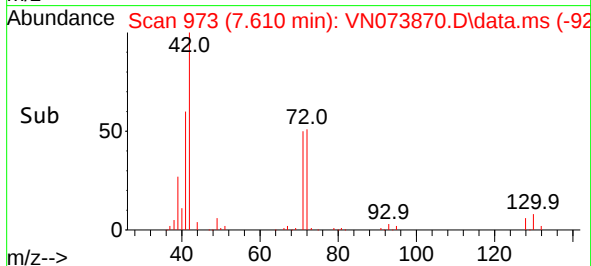
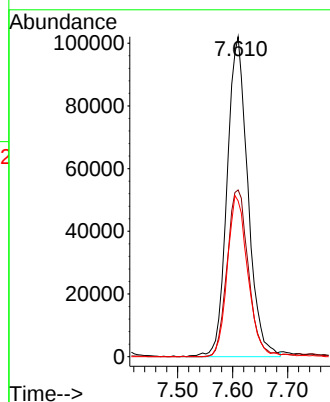
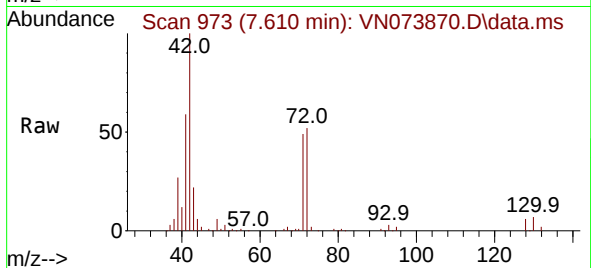
71 50.2 36.6 55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2022

Supervised By :Mahesh Dadoda 08/16/2022



#30

Chloroform

Concen: 16.939 ug/l

RT: 7.745 min Scan# 996

Delta R.T. -0.000 min

Lab File: VN073870.D

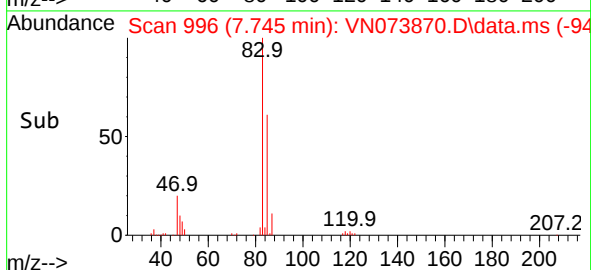
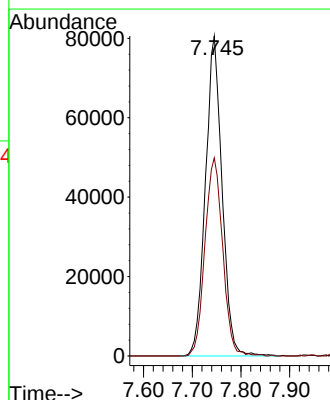
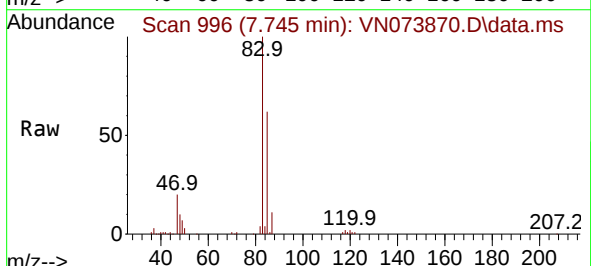
Acq: 13 Aug 2022 16:01

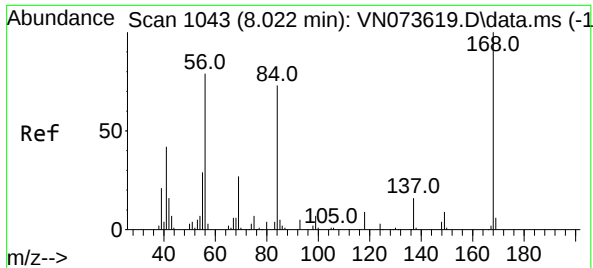
Tgt Ion: 83 Resp: 190733

Ion Ratio Lower Upper

83 100

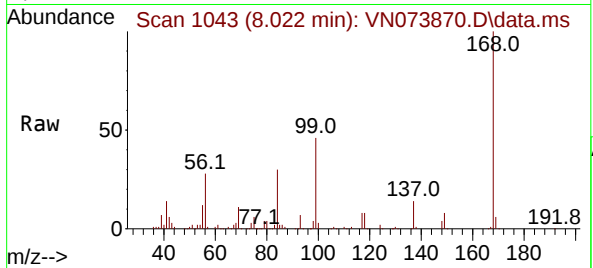
85 61.9 51.8 77.8





#31
Cyclohexane
Concen: 15.415 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN073870.D
Acq: 13 Aug 2022 16:01

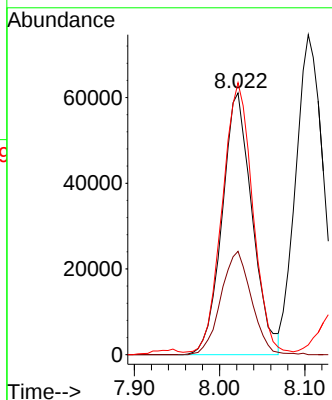
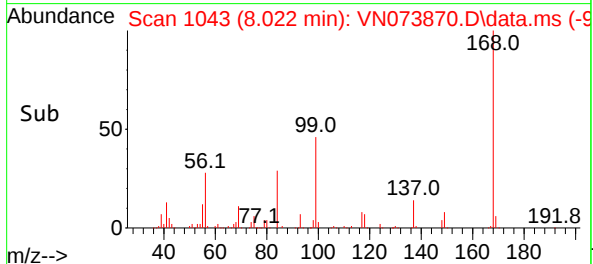
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBSD01



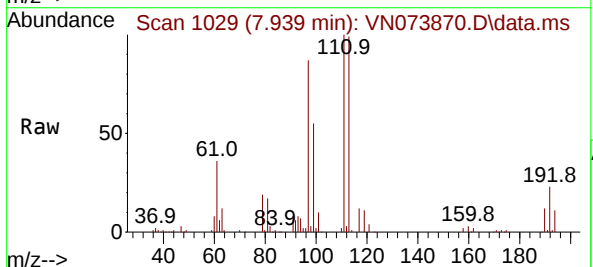
Tgt Ion: 56 Resp: 150130
Ion Ratio Lower Upper
56 100
69 39.0 27.8 41.8
84 102.6 76.9 115.3

Manual Integrations
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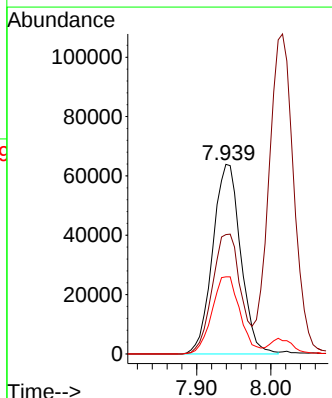
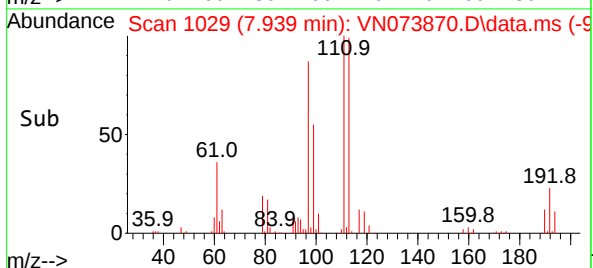
Reviewed By :John Carlone 08/15/2022
Supervised By :Mahesh Dadoda 08/16/2022

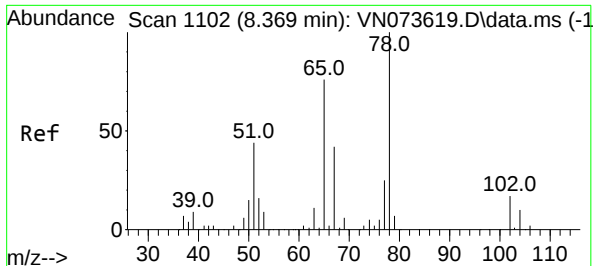


#32
1,1,1-Trichloroethane
Concen: 17.889 ug/l
RT: 7.939 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VN073870.D
Acq: 13 Aug 2022 16:01



Tgt Ion: 97 Resp: 167247
Ion Ratio Lower Upper
97 100
99 64.1 50.6 76.0
61 41.0 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 37.260 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073870.D

Acq: 13 Aug 2022 16:01

Instrument :

MSVOA_N

ClientSampleId :

VN0813WBSD01

Tgt Ion: 65 Resp: 24374

Ion Ratio Lower Upper

65 100

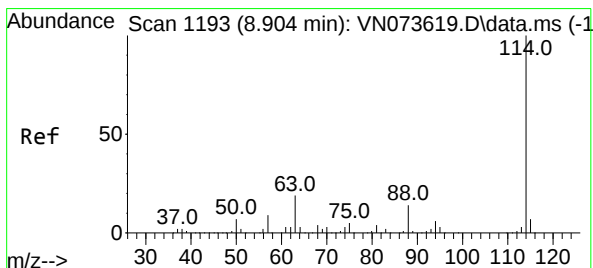
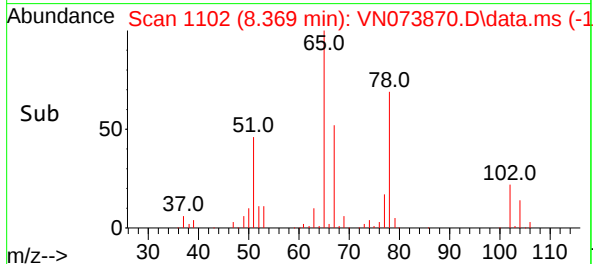
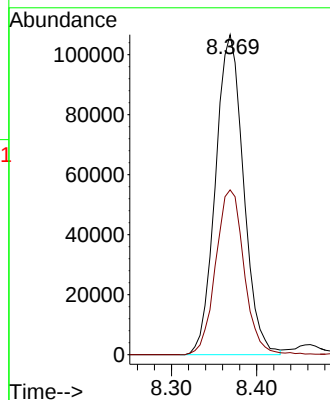
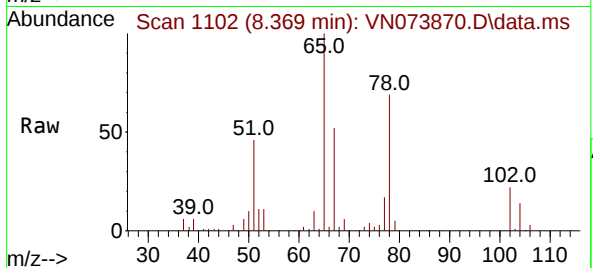
67 52.4 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2022

Supervised By :Mahesh Dadoda 08/16/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VN073870.D

Acq: 13 Aug 2022 16:01

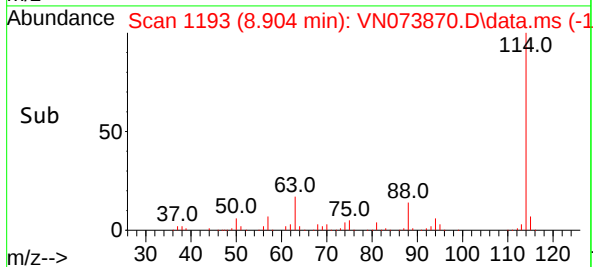
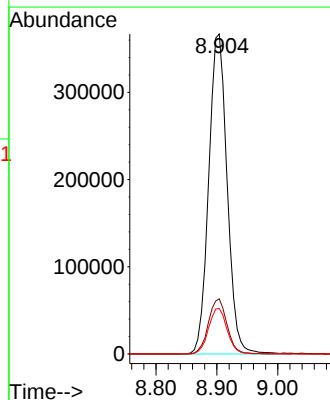
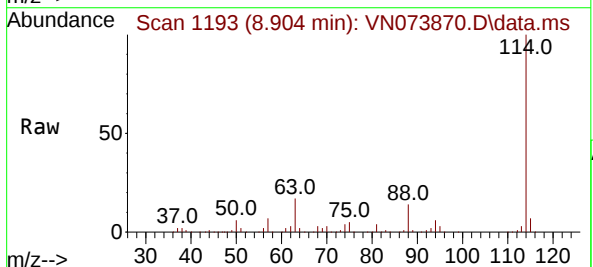
Tgt Ion:114 Resp: 771029

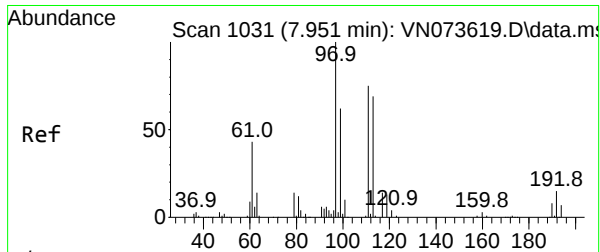
Ion Ratio Lower Upper

114 100

63 17.3 0.0 40.0

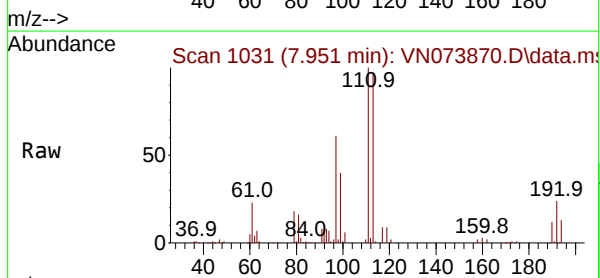
88 14.2 0.0 32.6





#35
Dibromofluoromethane
Concen: 45.041 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VN073870.D
Acq: 13 Aug 2022 16:01

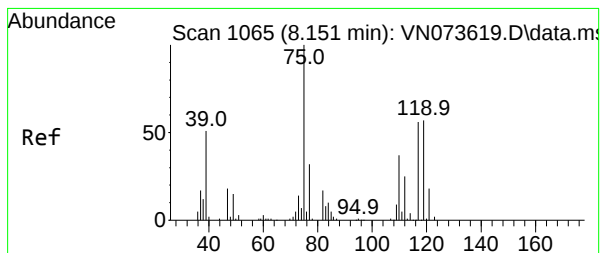
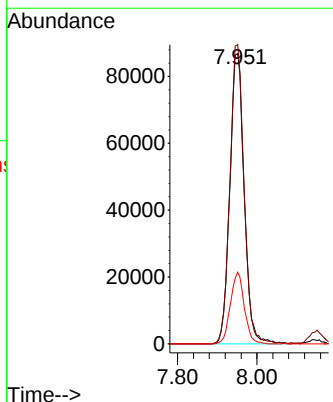
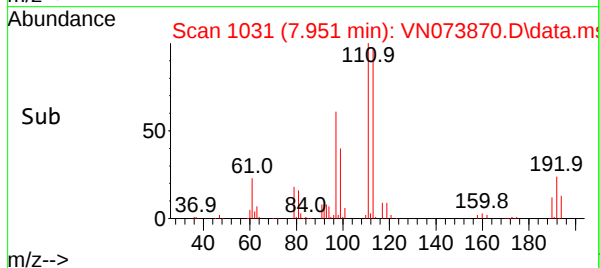
Instrument :
MSVOA_N
ClientSampleId :
VN0813WBSD01



Tgt Ion: 113 Resp: 21807
Ion Ratio Lower Upper
113 100
111 101.9 81.4 122.0
192 23.9 17.0 25.6

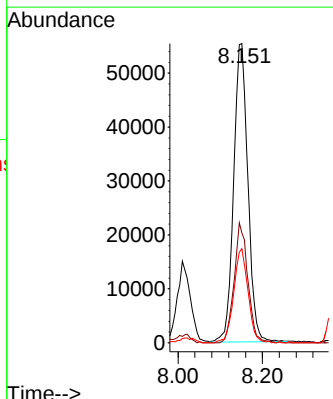
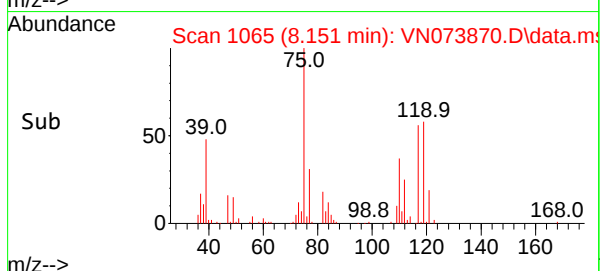
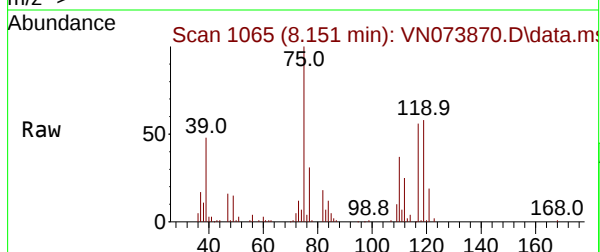
Manual Integrations
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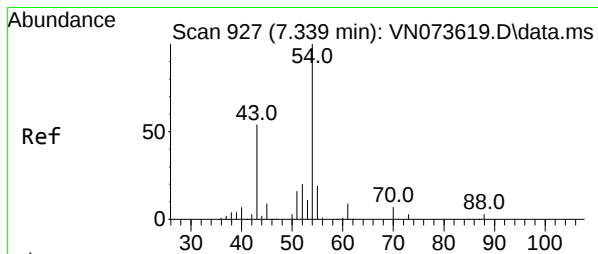
Reviewed By : John Carlone 08/15/2022
Supervised By : Mahesh Dadoda 08/16/2022



#36
1,1-Dichloropropene
Concen: 18.769 ug/l
RT: 8.151 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN073870.D
Acq: 13 Aug 2022 16:01

Tgt Ion: 75 Resp: 129517
Ion Ratio Lower Upper
75 100
110 38.7 18.3 54.8
77 31.9 25.1 37.7





#37

Ethyl Acetate

Concen: 17.368 ug/l

RT: 7.333 min Scan# 9

Delta R.T. -0.006 min

Lab File: VN073870.D

Acq: 13 Aug 2022 16:01

Instrument :

MSVOA_N

ClientSampleId :

VN0813WBSD01

Tgt Ion: 43 Resp: 15783

Ion Ratio Lower Upper

43 100

61 16.5 11.8 17.6

70 12.1 9.3 13.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/15/2022

Supervised By :Mahesh Dadoda 08/16/2022

