

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070822\
 Data File : VN073387.D
 Acq On : 08 Jul 2022 12:50
 Operator : JC\MD
 Sample : VN0708WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0708WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/11/2022
 Supervised By : Mahesh Dadoda 07/11/2022

Quant Time: Jul 09 05:23:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	235954	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	395315	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	359716	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	164210	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	169598	49.790	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.580%		
35) Dibromofluoromethane	7.951	113	132701	50.455	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.900%		
50) Toluene-d8	10.374	98	456274	48.845	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.700%		
62) 4-Bromofluorobenzene	12.668	95	180773	50.358	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.720%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	62399	18.088	ug/l	98
3) Chloromethane	2.269	50	57948	17.302	ug/l	93
4) Vinyl Chloride	2.404	62	48912	17.188	ug/l	93
5) Bromomethane	2.804	94	24739	18.406	ug/l	99
6) Chloroethane	2.963	64	30707	18.344	ug/l	99
7) Trichlorofluoromethane	3.316	101	91598	18.619	ug/l	95
8) Diethyl Ether	3.769	74	39638	19.793	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.140	101	53775	18.499	ug/l	98
10) Methyl Iodide	4.357	142	51910	16.084	ug/l	96
11) Tert butyl alcohol	5.281	59	87147	105.614	ug/l	99
12) 1,1-Dichloroethene	4.116	96	50629	18.227	ug/l	95
13) Acrolein	3.981	56	52569	100.794	ug/l	94
14) Allyl chloride	4.763	41	110532	18.889	ug/l #	94
15) Acrylonitrile	5.475	53	226250	106.513	ug/l	99
16) Acetone	4.222	43	204036	106.714	ug/l	93
17) Carbon Disulfide	4.457	76	115841	16.084	ug/l	98
18) Methyl Acetate	4.775	43	117308	21.894	ug/l #	89
19) Methyl tert-butyl Ether	5.534	73	207181	20.465	ug/l	97
20) Methylene Chloride	5.016	84	62690	18.657	ug/l #	86
21) trans-1,2-Dichloroethene	5.510	96	51494	17.742	ug/l	93
22) Diisopropyl ether	6.410	45	224073	20.522	ug/l	96
23) Vinyl Acetate	6.345	43	997165	102.001	ug/l	95
24) 1,1-Dichloroethane	6.304	63	112837	19.969	ug/l	97
25) 2-Butanone	7.257	43	328914	108.050	ug/l	90
26) 2,2-Dichloropropane	7.239	77	95616	18.296	ug/l	98
27) cis-1,2-Dichloroethene	7.245	96	65837	18.732	ug/l	93
28) Bromochloromethane	7.586	49	52912	22.359	ug/l	84
29) Tetrahydrofuran	7.610	42	219731	105.419	ug/l #	86
30) Chloroform	7.745	83	111520	19.595	ug/l	98
31) Cyclohexane	8.016	56	99812	17.892	ug/l	89
32) 1,1,1-Trichloroethane	7.939	97	95015	18.734	ug/l	99
36) 1,1-Dichloropropene	8.151	75	78328	19.355	ug/l	98
37) Ethyl Acetate	7.333	43	127335	20.824	ug/l #	96
38) Carbon Tetrachloride	8.133	117	78765	18.821	ug/l	96
39) Methylcyclohexane	9.392	83	94850	18.826	ug/l	90
40) Benzene	8.386	78	246752	19.757	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	59338	20.009	ug/l	88
42) 1,2-Dichloroethane	8.463	62	94354	20.841	ug/l	98
43) Isopropyl Acetate	8.492	43	187562	21.343	ug/l	93
44) Trichloroethene	9.145	130	60519	19.041	ug/l	98
45) 1,2-Dichloropropane	9.427	63	65816	20.675	ug/l	96
46) Dibromomethane	9.516	93	43307	20.036	ug/l	93
47) Bromodichloromethane	9.692	83	87438	20.887	ug/l	98
48) Methyl methacrylate	9.492	41	82590	20.298	ug/l	90
49) 1,4-Dioxane	9.504	88	31673	410.037	ug/l #	82
51) 4-Methyl-2-Pentanone	10.269	43	627631	112.621	ug/l	90
52) Toluene	10.439	92	152058	19.701	ug/l	100
53) t-1,3-Dichloropropene	10.657	75	94974	20.608	ug/l	97
54) cis-1,3-Dichloropropene	10.122	75	102708	20.643	ug/l	93
55) 1,1,2-Trichloroethane	10.833	97	65033	20.466	ug/l	97
56) Ethyl methacrylate	10.698	69	105220	20.487	ug/l #	86
57) 1,3-Dichloropropane	10.980	76	112179	20.594	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	240307	104.913	ug/l	97
59) 2-Hexanone	11.021	43	473345	111.425	ug/l	90
60) Dibromochloromethane	11.174	129	63245	20.876	ug/l	98
61) 1,2-Dibromoethane	11.280	107	65630	20.678	ug/l	97
64) Tetrachloroethene	10.916	164	57348	19.524	ug/l	96
65) Chlorobenzene	11.710	112	157951	19.415	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.780	131	60844	20.333	ug/l	98
67) Ethyl Benzene	11.780	91	288961	19.565	ug/l	96
68) m/p-Xylenes	11.892	106	221107	39.667	ug/l	96
69) o-Xylene	12.216	106	111939	19.672	ug/l	98
70) Styrene	12.233	104	179560	20.438	ug/l	98
71) Bromoform	12.398	173	46241	21.119	ug/l #	99
73) Isopropylbenzene	12.515	105	291905	20.585	ug/l	98
74) N-amyl acetate	12.327	43	142382	20.053	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.768	83	99216	21.085	ug/l	100
76) 1,2,3-Trichloropropane	12.821	75	89109m	20.753	ug/l	
77) Bromobenzene	12.798	156	65989	20.016	ug/l	85
78) n-propylbenzene	12.857	91	321472	20.407	ug/l	98
79) 2-Chlorotoluene	12.945	91	204324	20.493	ug/l	97
80) 1,3,5-Trimethylbenzene	12.998	105	235987	20.418	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.568	75	31246	19.957	ug/l	93
82) 4-Chlorotoluene	13.045	91	191367	19.826	ug/l	98
83) tert-Butylbenzene	13.262	119	209836	20.251	ug/l	97
84) 1,2,4-Trimethylbenzene	13.304	105	233574	20.241	ug/l	99
85) sec-Butylbenzene	13.439	105	285173	20.495	ug/l	98
86) p-Isopropyltoluene	13.557	119	232034	20.644	ug/l	97
87) 1,3-Dichlorobenzene	13.551	146	116427	19.685	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	119961	20.243	ug/l	99
89) n-Butylbenzene	13.880	91	187911	20.063	ug/l	98
90) Hexachloroethane	14.145	117	42395	20.239	ug/l	88
91) 1,2-Dichlorobenzene	13.921	146	123496	20.497	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.545	75	24258	21.210	ug/l	91
93) 1,2,4-Trichlorobenzene	15.192	180	61974	19.755	ug/l	99
94) Hexachlorobutadiene	15.298	225	27811	19.942	ug/l	98
95) Naphthalene	15.433	128	247191	19.532	ug/l	100
96) 1,2,3-Trichlorobenzene	15.621	180	64769	20.014	ug/l	97

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ClientSampleId :
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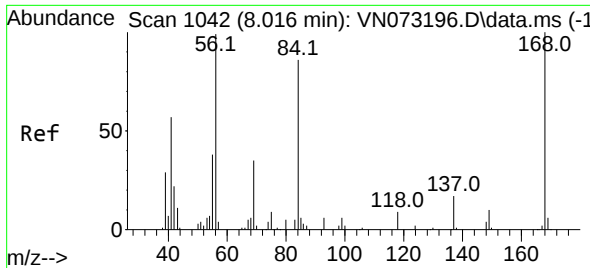
Manual Integrations
APPROVED

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 29 01:54:03 2022
Response via : Initial Calibration

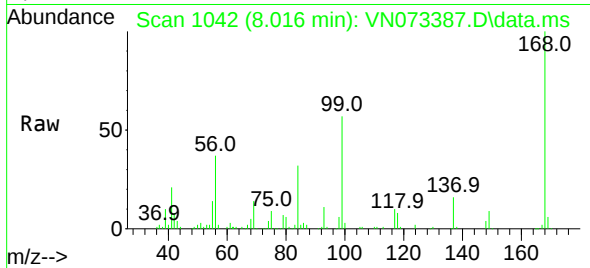
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073387.D
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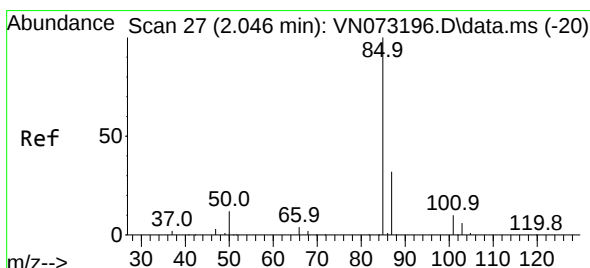
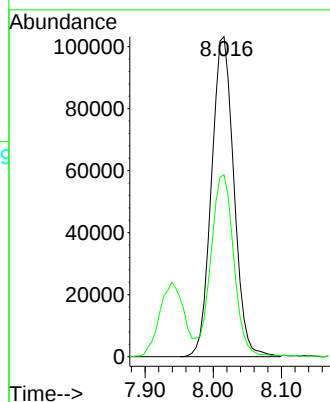
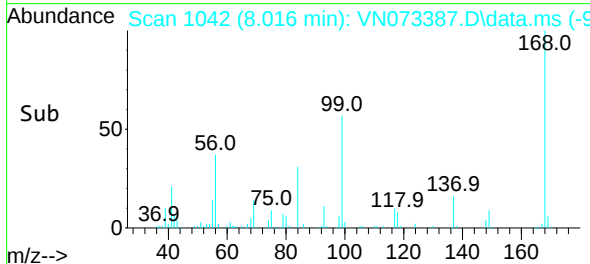
Instrument :
MSVOA_N
ClientSampleId :
VN0708WBSD01



Tgt Ion:168 Resp: 235954
Ion Ratio Lower Upper
168 100
99 56.4 42.3 63.5

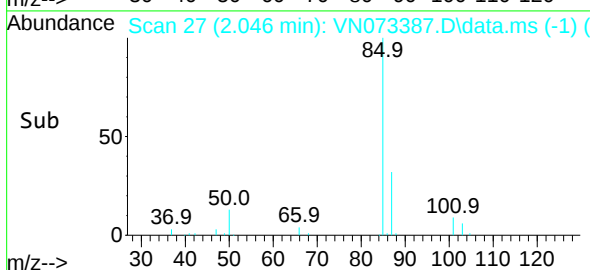
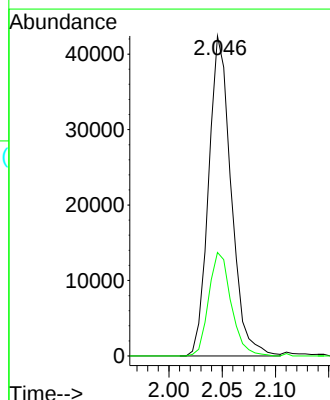
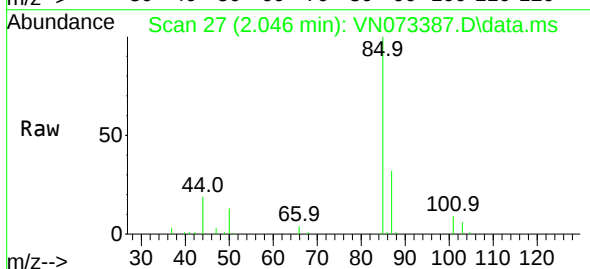
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#2
Dichlorodifluoromethane
Concen: 18.088 ug/l
RT: 2.046 min Scan# 27
Delta R.T. -0.000 min
Lab File: VN073387.D
Acq: 08 Jul 2022 12:50

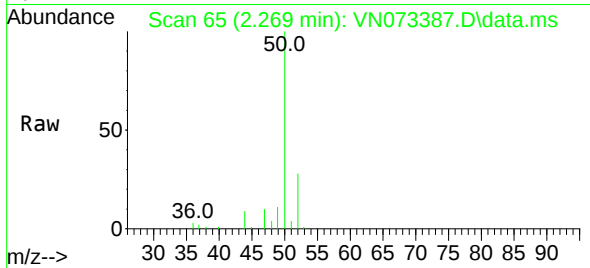
Tgt Ion: 85 Resp: 62399
Ion Ratio Lower Upper
85 100
87 32.3 15.7 47.1





#3
Chloromethane
Concen: 17.302 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN073387.D
Acq: 08 Jul 2022 12:50

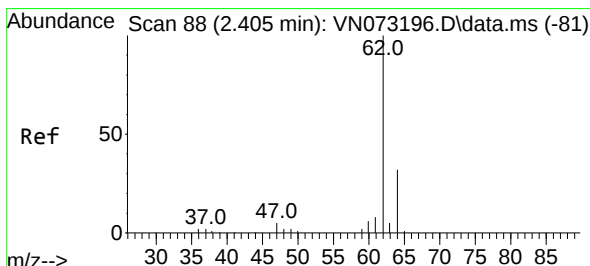
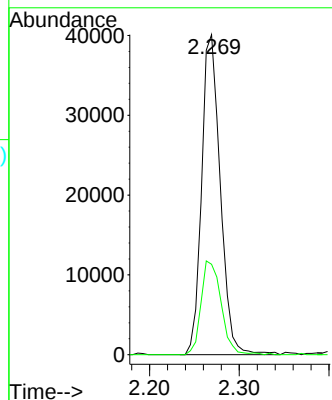
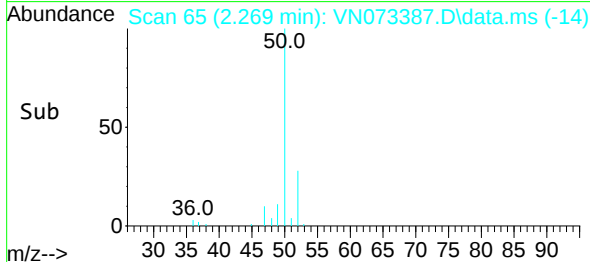
Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 57948
Ion Ratio Lower Upper
50 100
52 28.2 25.7 38.5

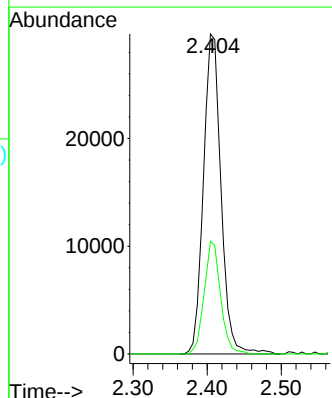
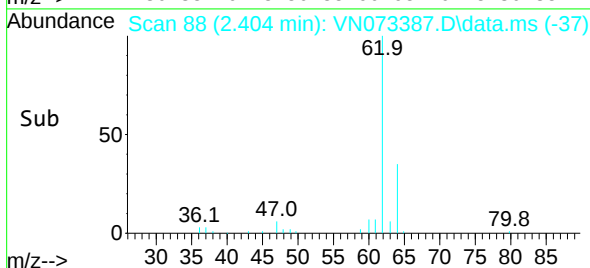
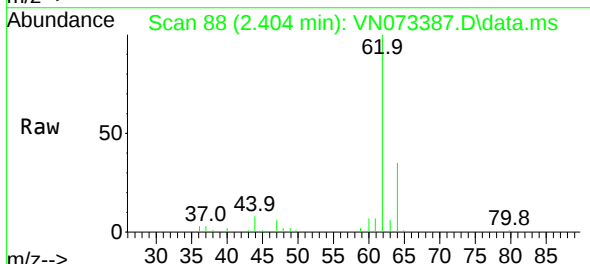
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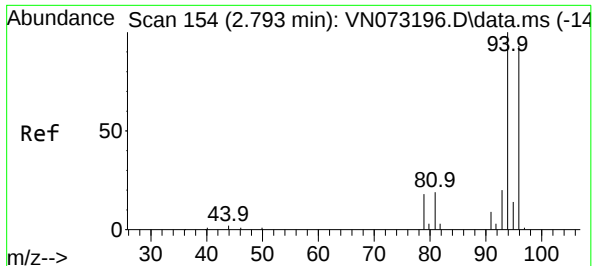
Reviewed By :John Carlone 07/11/2022
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#4
Vinyl Chloride
Concen: 17.188 ug/l
RT: 2.404 min Scan# 88
Delta R.T. -0.001 min
Lab File: VN073387.D
Acq: 08 Jul 2022 12:50

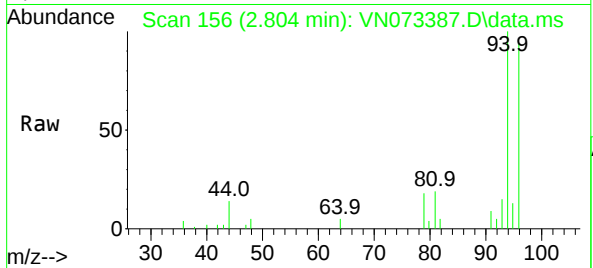
Tgt Ion: 62 Resp: 48912
Ion Ratio Lower Upper
62 100
64 35.3 25.0 37.4





#5
Bromomethane
Concen: 18.406 ug/l
RT: 2.804 min Scan# 156
Delta R.T. 0.011 min
Lab File: VN073387.D
Acq: 08 Jul 2022 12:50

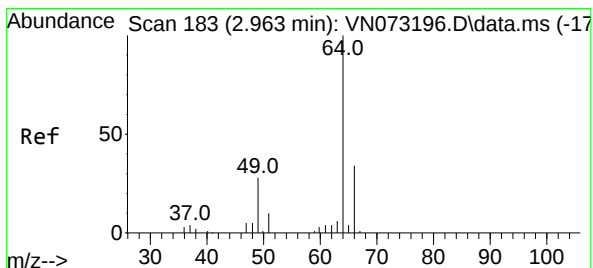
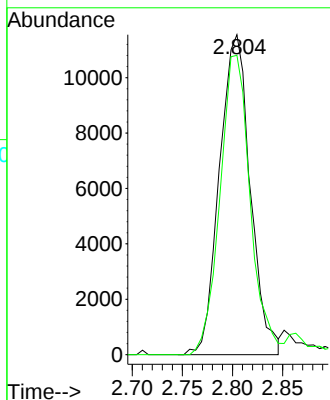
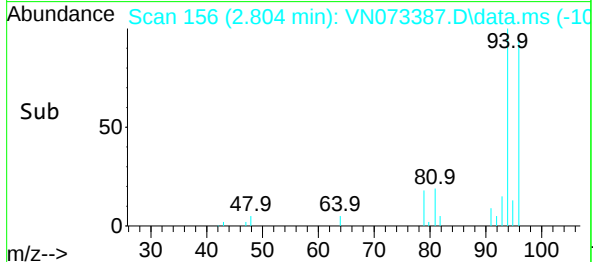
Instrument :
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Tgt Ion: 94 Resp: 24739
Ion Ratio Lower Upper
94 100
96 93.6 76.0 114.0

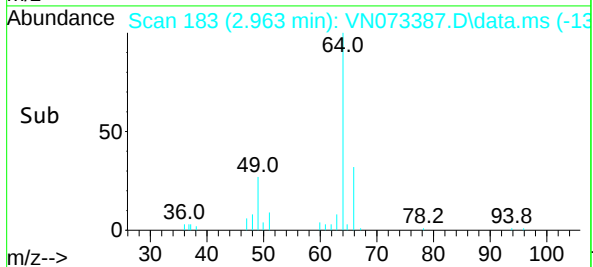
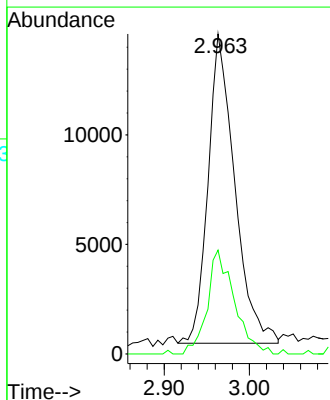
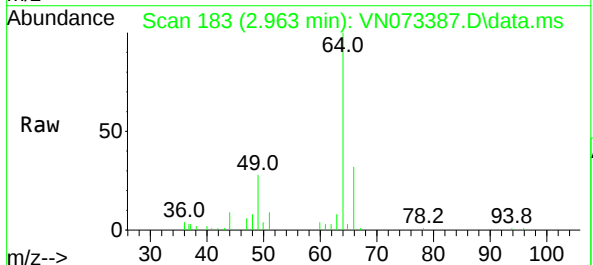
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#6
Chloroethane
Concen: 18.344 ug/l
RT: 2.963 min Scan# 183
Delta R.T. 0.000 min
Lab File: VN073387.D
Acq: 08 Jul 2022 12:50

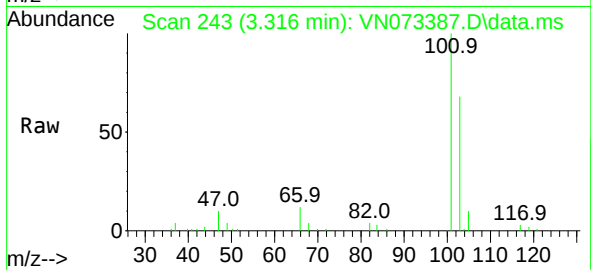
Tgt Ion: 64 Resp: 30707
Ion Ratio Lower Upper
64 100
66 33.6 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 18.619 ug/l
 RT: 3.316 min Scan# 243
 Delta R.T. 0.000 min
 Lab File: VN073387.D
 Acq: 08 Jul 2022 12:50

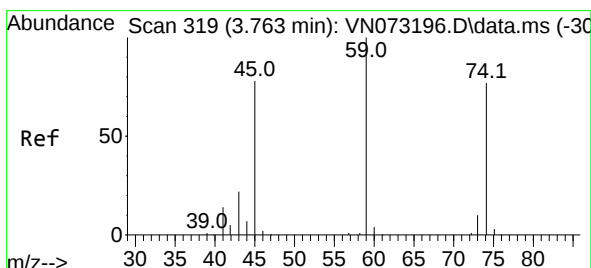
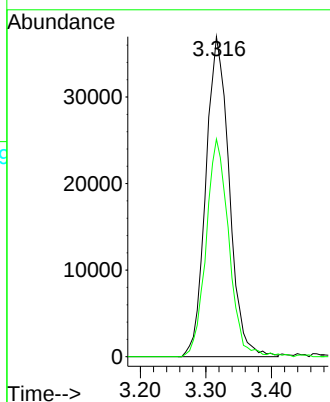
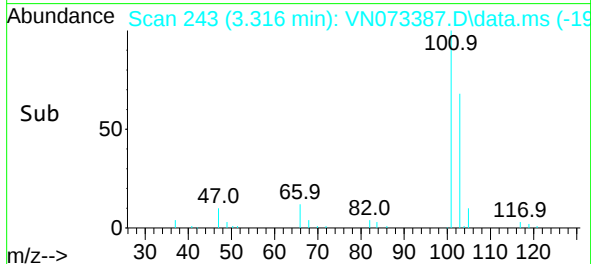
Instrument :
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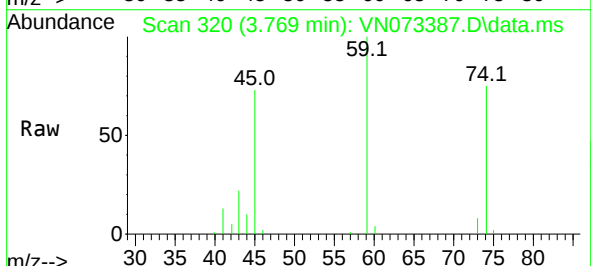
Tgt Ion:101 Resp: 91598
 Ion Ratio Lower Upper
 101 100
 103 68.0 51.5 77.3

Manual Integrations
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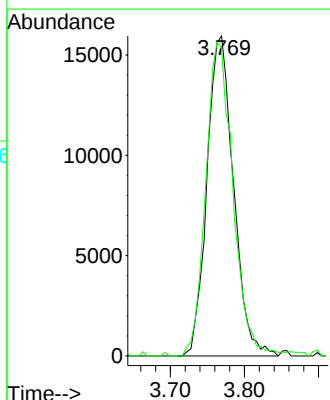
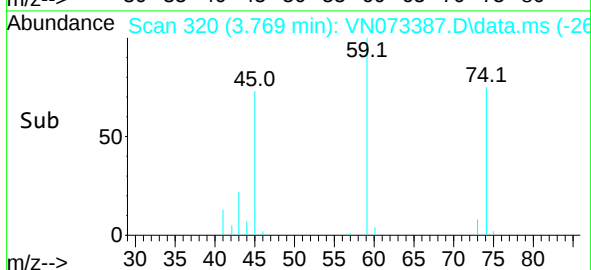
Reviewed By :John Carlone 07/11/2022
 Supervised By :Mahesh Dadoda 07/11/2022



#8
 Diethyl Ether
 Concen: 19.793 ug/l
 RT: 3.769 min Scan# 320
 Delta R.T. 0.006 min
 Lab File: VN073387.D
 Acq: 08 Jul 2022 12:50



Tgt Ion: 74 Resp: 39638
 Ion Ratio Lower Upper
 74 100
 45 100.6 42.9 128.5





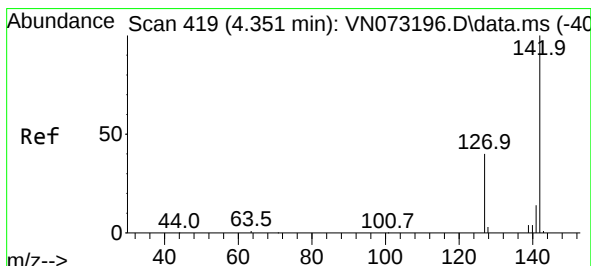
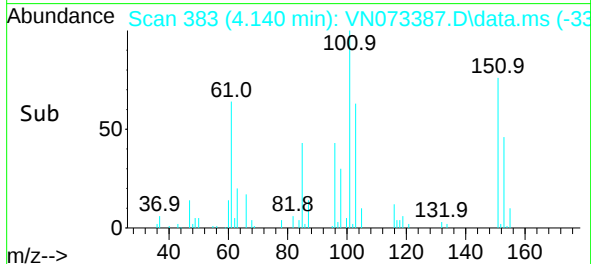
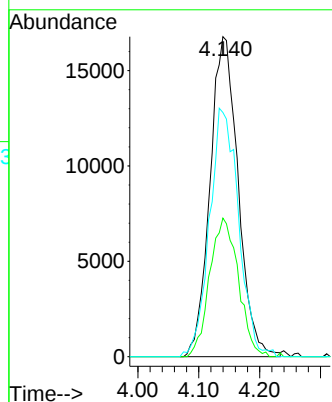
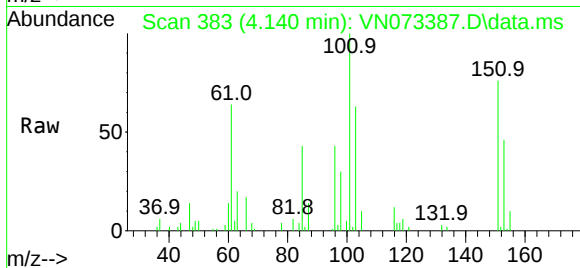
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.499 ug/l
RT: 4.140 min Scan# 383
Delta R.T. -0.000 min
Lab File: VN073387.D
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Tgt Ion:101 Resp: 5377
Ion Ratio Lower Upper
101 100
85 44.2 34.7 52.1
151 80.3 63.0 94.4

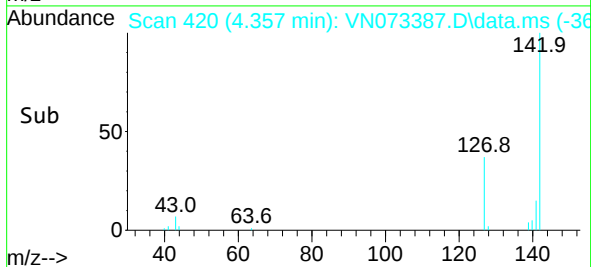
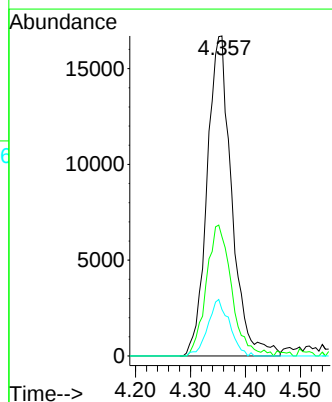
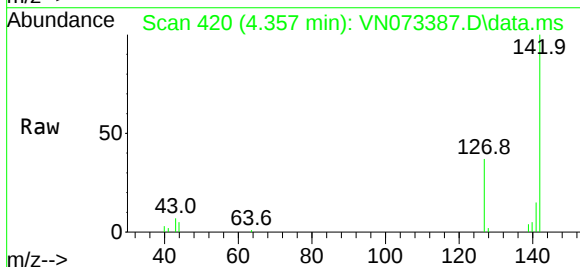
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#10
Methyl Iodide
Concen: 16.084 ug/l
RT: 4.357 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN073387.D
Acq: 08 Jul 2022 12:50

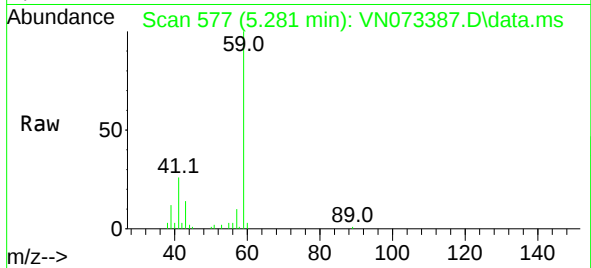
Tgt Ion:142 Resp: 51910
Ion Ratio Lower Upper
142 100
127 41.6 31.3 46.9
141 15.6 11.2 16.8





#11
Tert butyl alcohol
Concen: 105.614 ug/l
RT: 5.281 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN073387.D
Acq: 08 Jul 2022 12:50

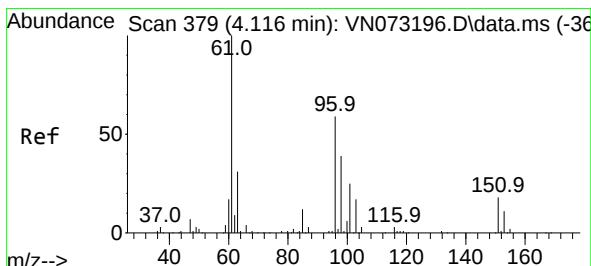
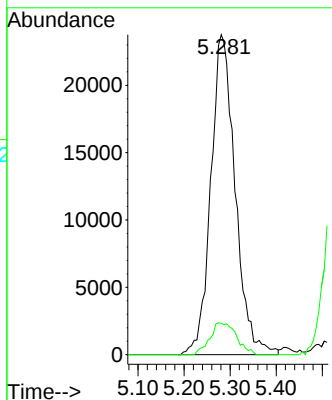
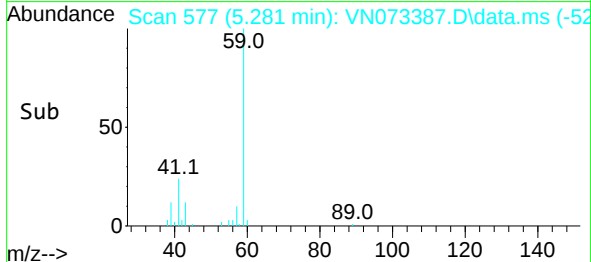
Instrument :
MSVOA_N
ClientSampleId :
VN0708WBSD01



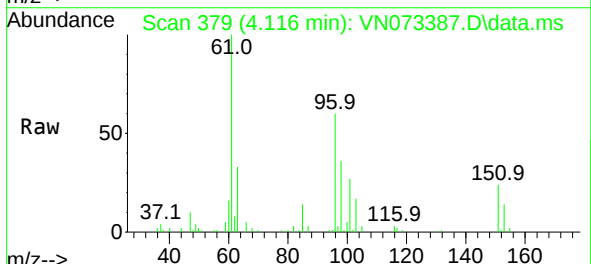
Tgt Ion: 59 Resp: 8714
Ion Ratio Lower Upper
59 100
57 10.9 8.3 12.5

Manual Integrations
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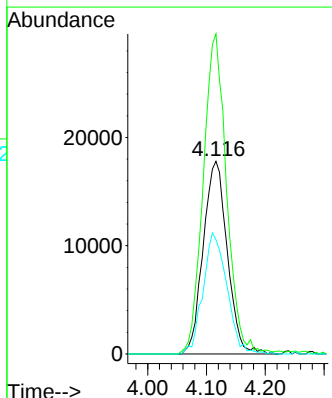
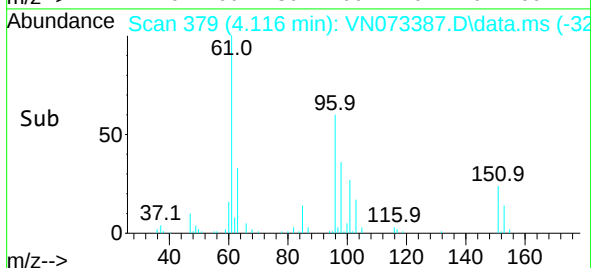
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#12
1,1-Dichloroethene
Concen: 18.227 ug/l
RT: 4.116 min Scan# 379
Delta R.T. 0.000 min
Lab File: VN073387.D
Acq: 08 Jul 2022 12:50



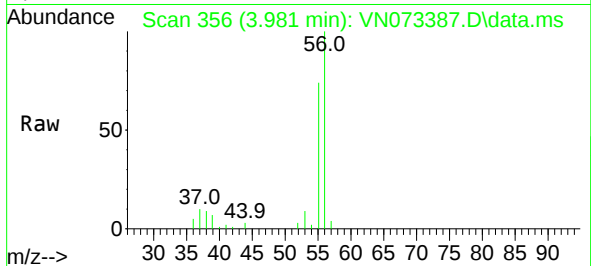
Tgt Ion: 96 Resp: 50629
Ion Ratio Lower Upper
96 100
61 166.1 127.6 191.4
98 59.3 51.2 76.8





#13
Acrolein
Concen: 100.794 ug/l
RT: 3.981 min Scan# 356
Delta R.T. -0.000 min
Lab File: VN073387.D
Acq: 08 Jul 2022 12:50

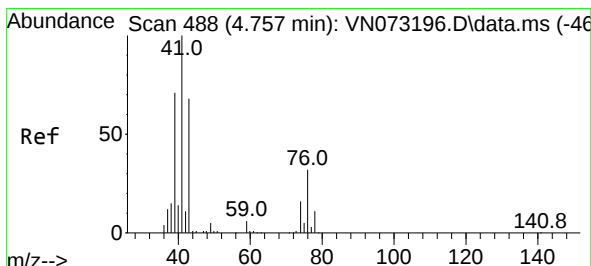
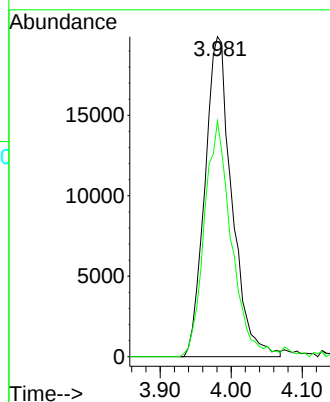
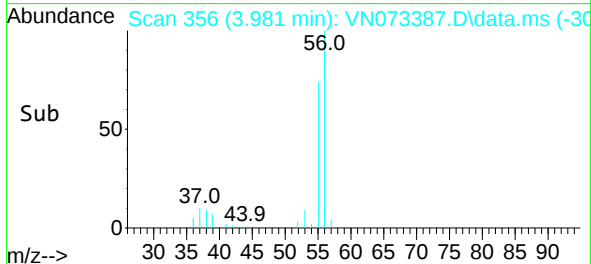
Instrument :
MSVOA_N
ClientSampleId :
VN0708WBSD01



Tgt Ion: 56 Resp: 52569
Ion Ratio Lower Upper
56 100
55 73.6 54.8 82.2

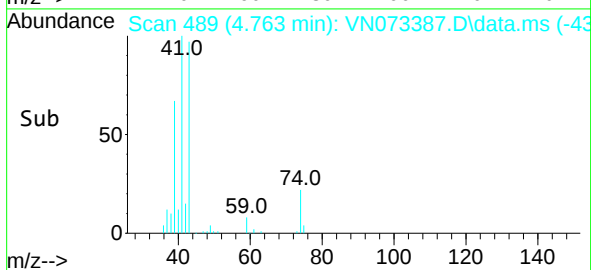
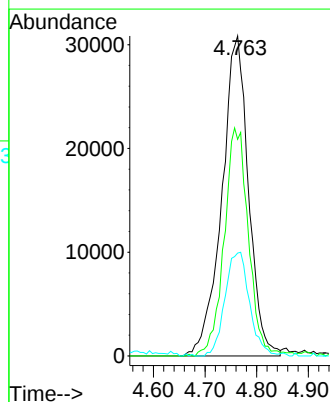
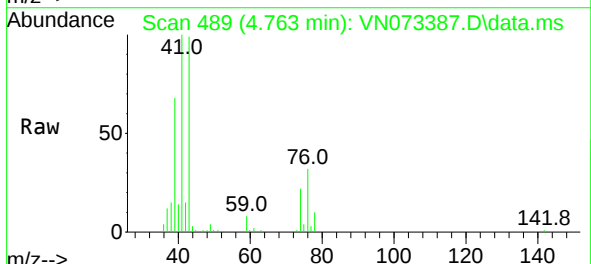
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#14
Allyl chloride
Concen: 18.889 ug/l
RT: 4.763 min Scan# 489
Delta R.T. 0.006 min
Lab File: VN073387.D
Acq: 08 Jul 2022 12:50

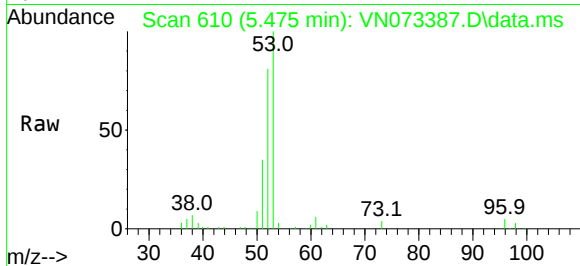
Tgt Ion: 41 Resp: 110532
Ion Ratio Lower Upper
41 100
39 65.0 53.2 79.8
76 29.7 29.9 44.9#





#15
Acrylonitrile
Concen: 106.513 ug/l
RT: 5.475 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN073387.D
Acq: 08 Jul 2022 12:50

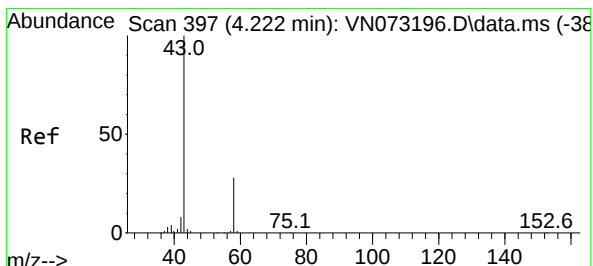
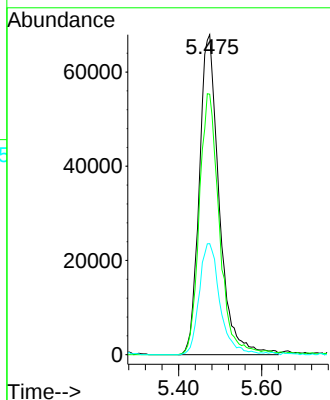
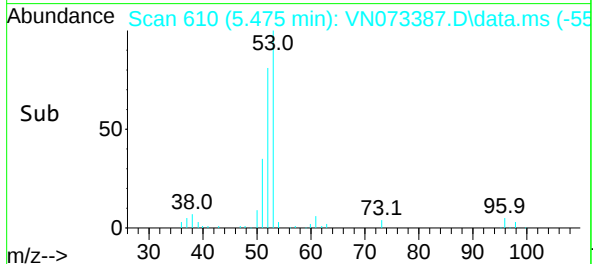
Instrument :
MSVOA_N
ClientSampleId :
VN0708WBSD01



Tgt Ion: 53 Resp: 226250
Ion Ratio Lower Upper
53 100
52 81.4 66.4 99.6
51 36.0 28.5 42.7

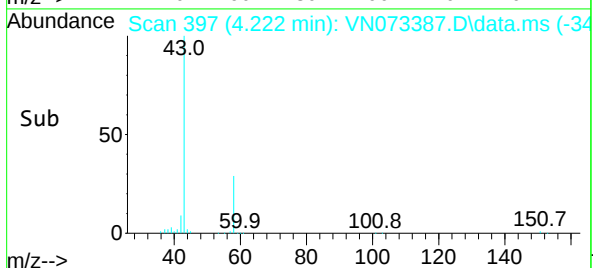
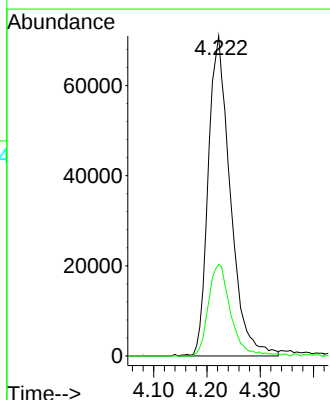
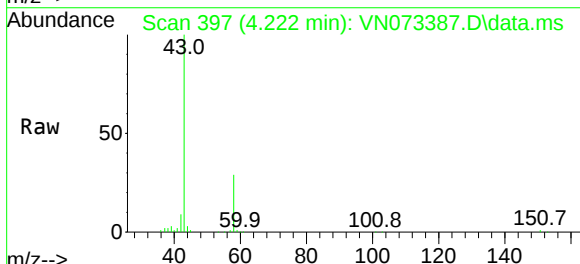
Manual Integrations
APPROVED

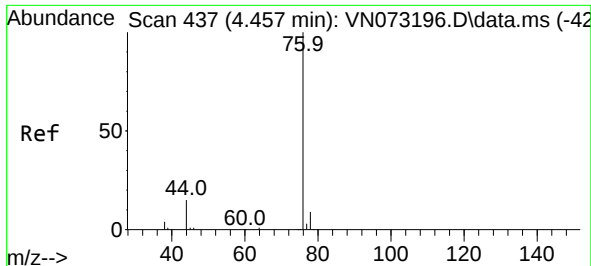
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#16
Acetone
Concen: 106.714 ug/l
RT: 4.222 min Scan# 397
Delta R.T. -0.000 min
Lab File: VN073387.D
Acq: 08 Jul 2022 12:50

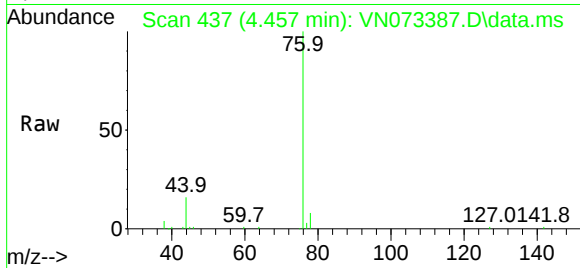
Tgt Ion: 43 Resp: 204036
Ion Ratio Lower Upper
43 100
58 28.7 26.0 39.0





#17
Carbon Disulfide
Concen: 16.084 ug/l
RT: 4.457 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN073387.D
Acq: 08 Jul 2022 12:50

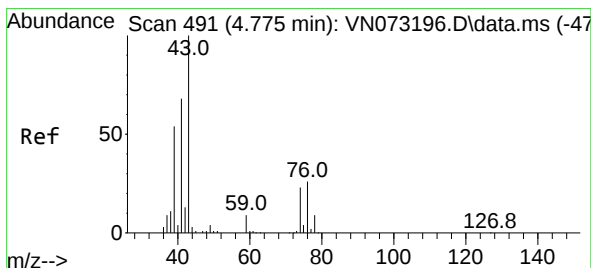
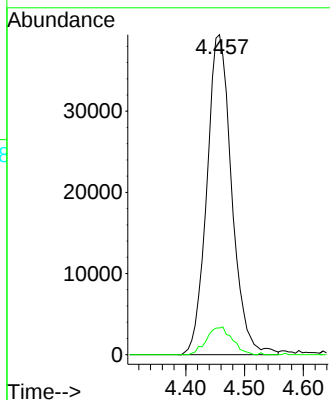
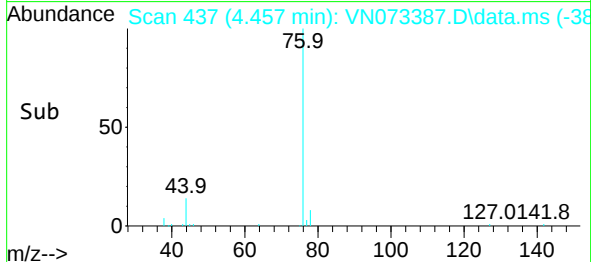
Instrument :
MSVOA_N
ClientSampleId :
VN0708WBSD01



Tgt Ion: 76 Resp: 11584
Ion Ratio Lower Upper
76 100
78 8.4 7.2 10.8

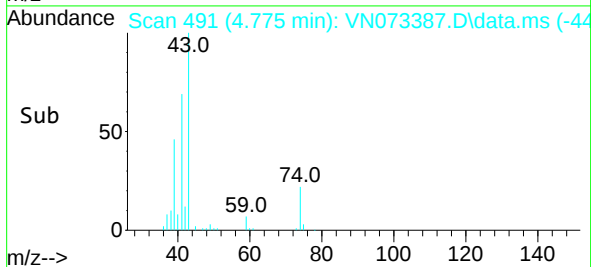
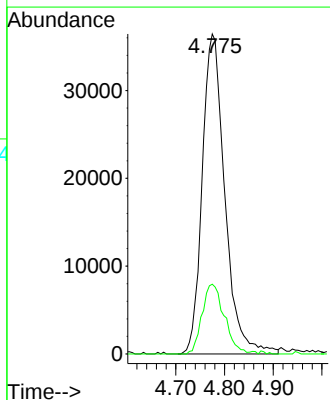
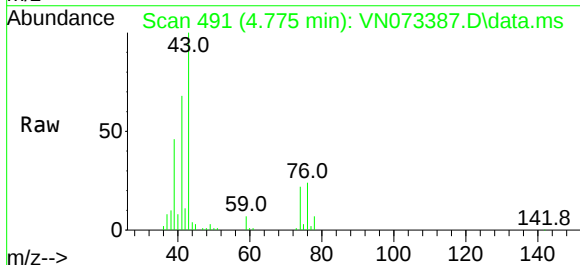
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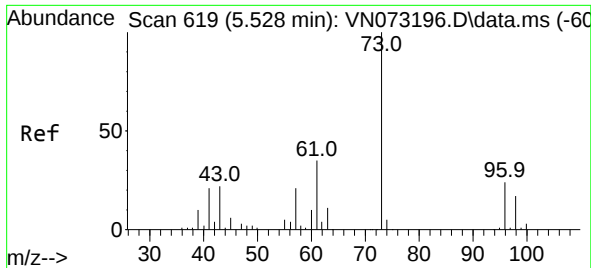
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#18
Methyl Acetate
Concen: 21.894 ug/l
RT: 4.775 min Scan# 491
Delta R.T. -0.000 min
Lab File: VN073387.D
Acq: 08 Jul 2022 12:50

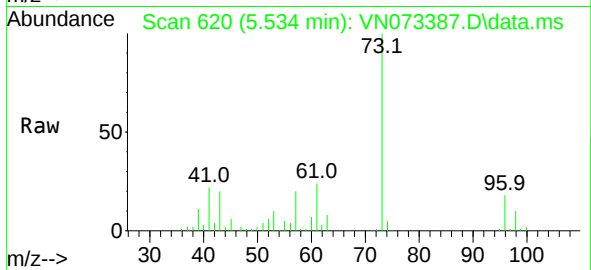
Tgt Ion: 43 Resp: 117308
Ion Ratio Lower Upper
43 100
74 21.4 21.6 32.4#





#19
Methyl tert-butyl Ether
Concen: 20.465 ug/l
RT: 5.534 min Scan# 619
Delta R.T. 0.006 min
Lab File: VN073387.D
Acq: 08 Jul 2022 12:50

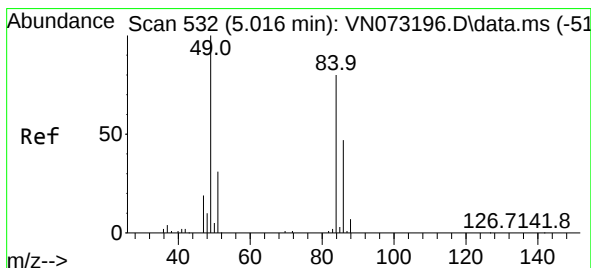
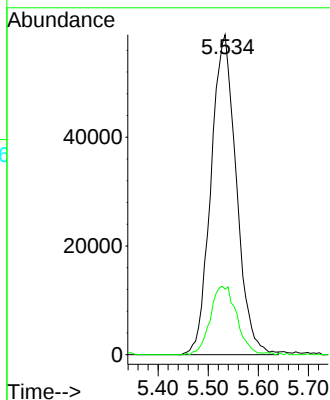
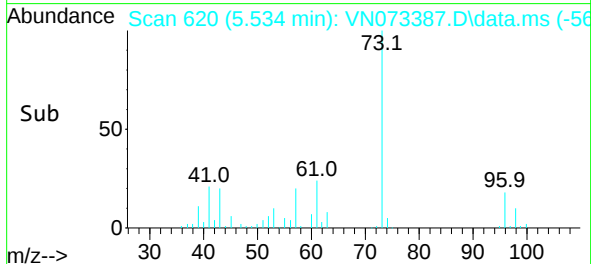
Instrument :
MSVOA_N
ClientSampleId :
VN0708WBSD01



Tgt Ion: 73 Resp: 20718
Ion Ratio Lower Upper
73 100
57 20.4 17.6 26.4

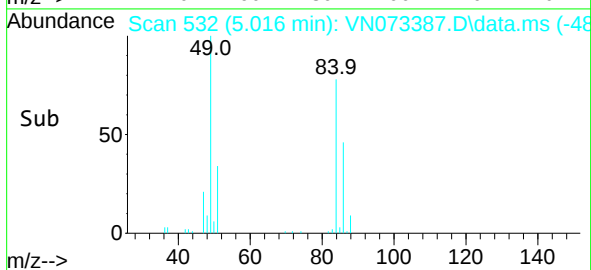
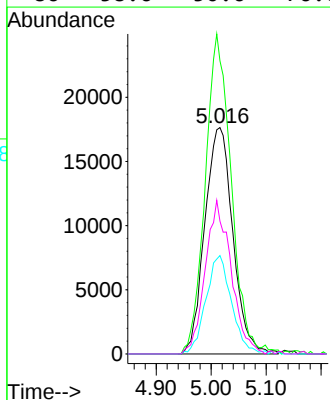
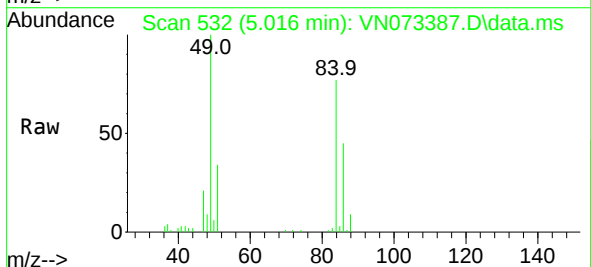
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#20
Methylene Chloride
Concen: 18.657 ug/l
RT: 5.016 min Scan# 532
Delta R.T. -0.000 min
Lab File: VN073387.D
Acq: 08 Jul 2022 12:50

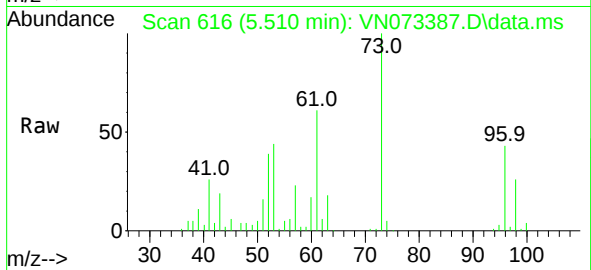
Tgt Ion: 84 Resp: 62690
Ion Ratio Lower Upper
84 100
49 129.4 88.3 132.5
51 43.5 28.2 42.2#
86 58.6 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 17.742 ug/l
RT: 5.510 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN073387.D
Acq: 08 Jul 2022 12:50

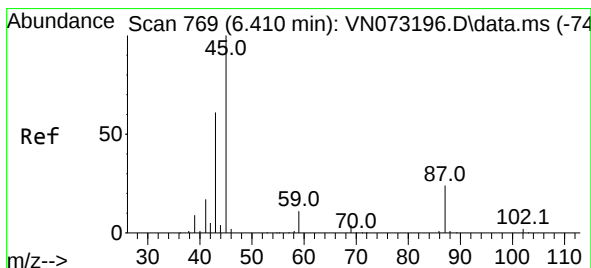
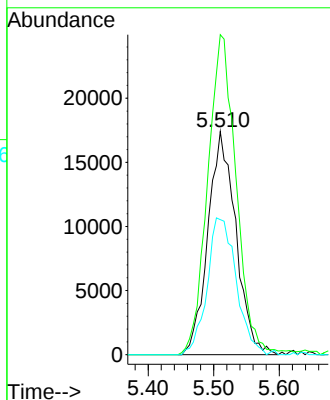
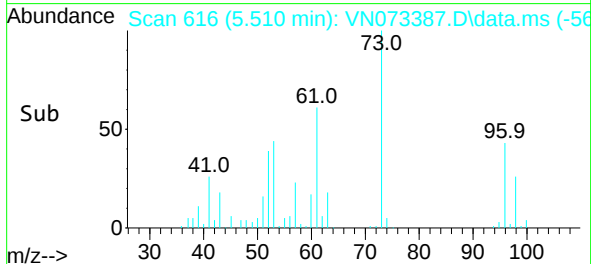
Instrument :
MSVOA_N
ClientSampleId :
VN0708WBSD01



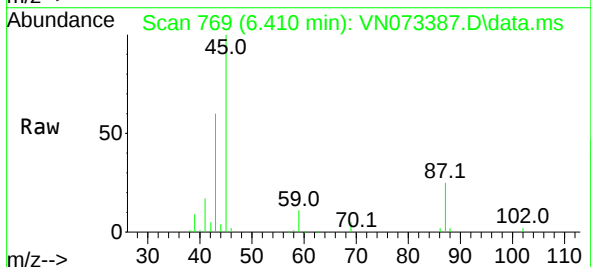
Tgt Ion: 96 Resp: 51494
Ion Ratio Lower Upper
96 100
61 143.4 105.8 158.8
98 60.5 50.3 75.5

Manual Integrations
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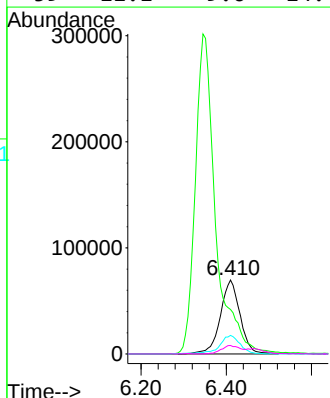
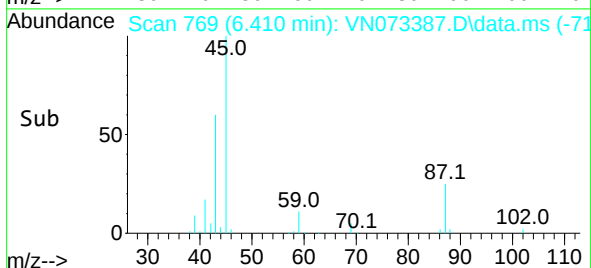
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#22
Diisopropyl ether
Concen: 20.522 ug/l
RT: 6.410 min Scan# 769
Delta R.T. -0.000 min
Lab File: VN073387.D
Acq: 08 Jul 2022 12:50



Tgt Ion: 45 Resp: 224073
Ion Ratio Lower Upper
45 100
43 58.9 46.6 70.0
87 25.2 24.3 36.5
59 11.1 9.6 14.4





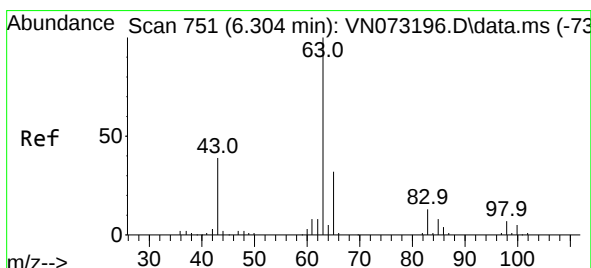
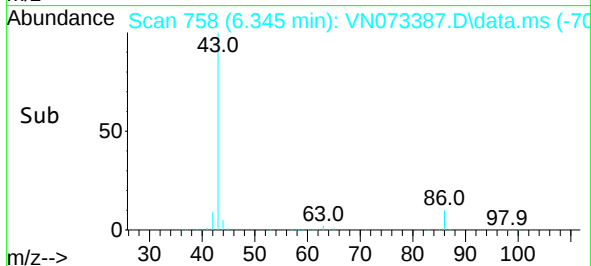
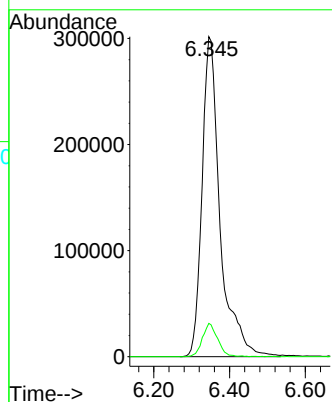
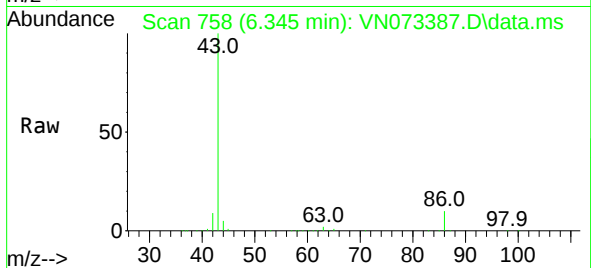
#23
 Vinyl Acetate
 Concen: 102.001 ug/l
 RT: 6.345 min Scan# 758
 Delta R.T. -0.006 min
 Lab File: VN073387.D
 Acq: 08 Jul 2022 12:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0708WBSD01

Tgt Ion: 43 Resp: 99716
 Ion Ratio Lower Upper
 43 100
 86 10.4 10.0 15.0

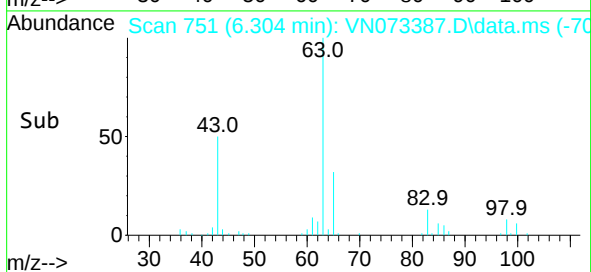
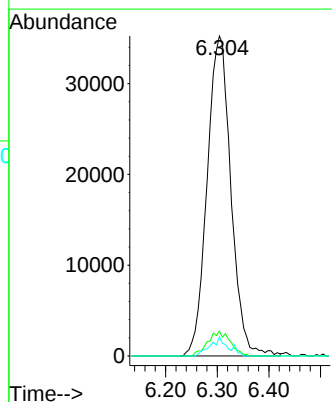
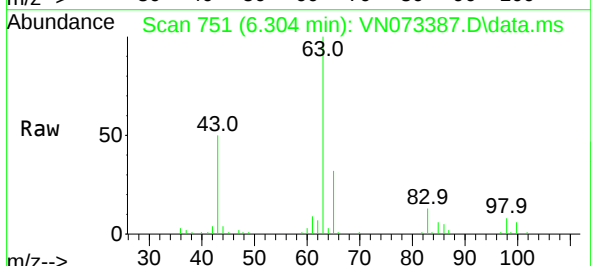
Manual Integrations
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Reviewed By :John Carlone 07/11/2022
 Supervised By :Mahesh Dadoda 07/11/2022



#24
 1,1-Dichloroethane
 Concen: 19.969 ug/l
 RT: 6.304 min Scan# 751
 Delta R.T. 0.000 min
 Lab File: VN073387.D
 Acq: 08 Jul 2022 12:50

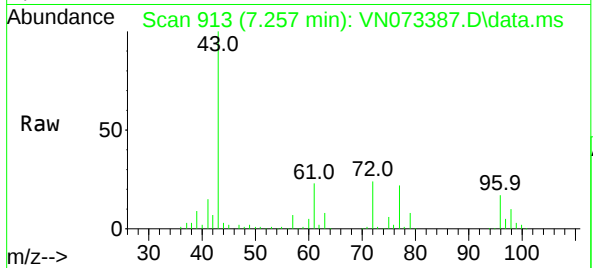
Tgt Ion: 63 Resp: 112837
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.5 10.4
 100 6.0 2.3 6.8





#25
2-Butanone
Concen: 108.050 ug/l
RT: 7.257 min Scan# 913
Delta R.T. 0.000 min
Lab File: VN073387.D
Acq: 08 Jul 2022 12:50

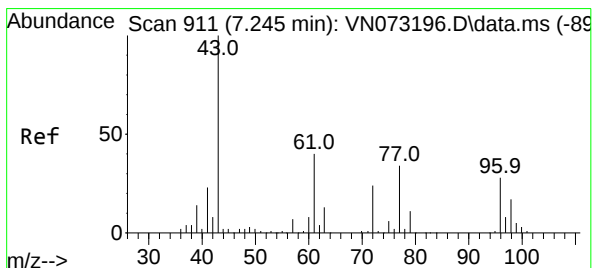
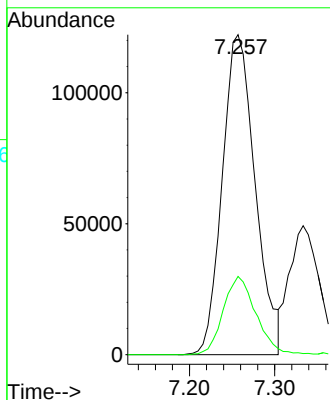
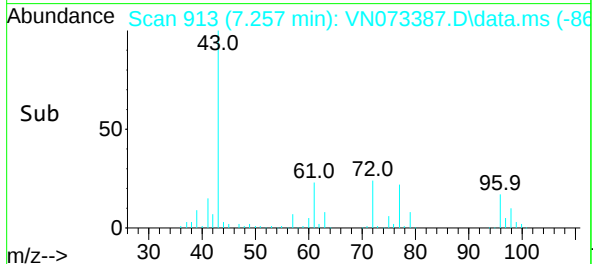
Instrument :
MSVOA_N
ClientSampleId :
VN0708WBSD01



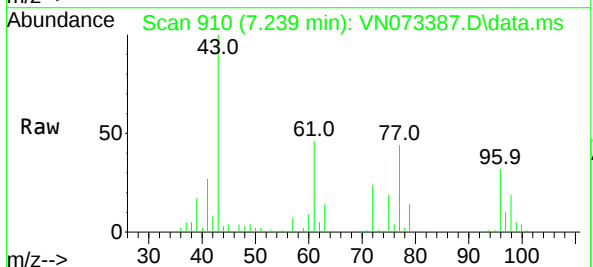
Tgt Ion: 43 Resp: 328914
Ion Ratio Lower Upper
43 100
72 24.5 23.7 35.5

Manual Integrations
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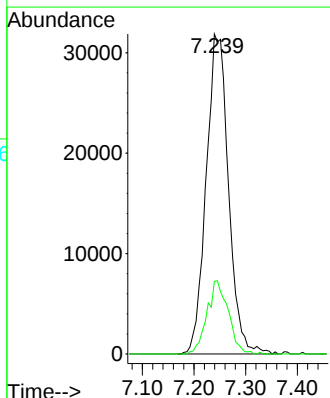
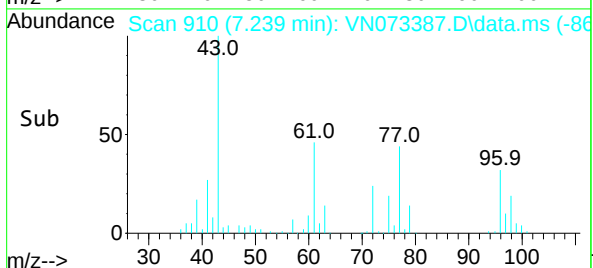
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

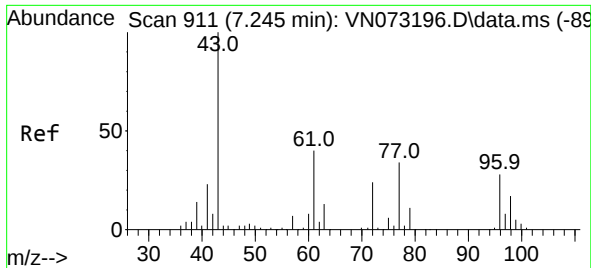


#26
2,2-Dichloropropane
Concen: 18.296 ug/l
RT: 7.239 min Scan# 910
Delta R.T. -0.006 min
Lab File: VN073387.D
Acq: 08 Jul 2022 12:50



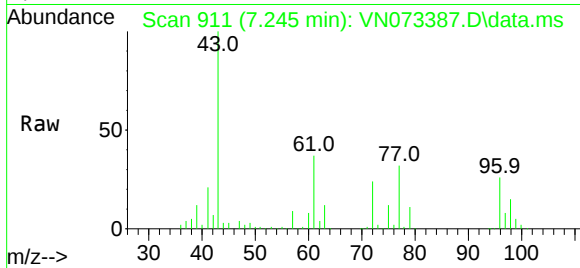
Tgt Ion: 77 Resp: 95616
Ion Ratio Lower Upper
77 100
97 21.8 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 18.732 ug/l
 RT: 7.245 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VN073387.D
 Acq: 08 Jul 2022 12:50

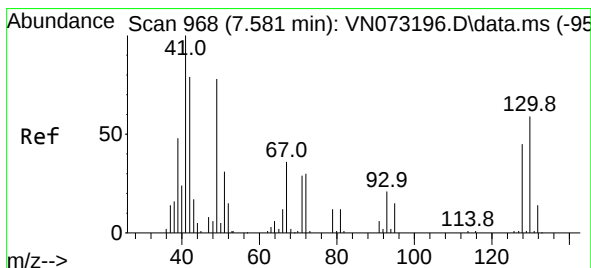
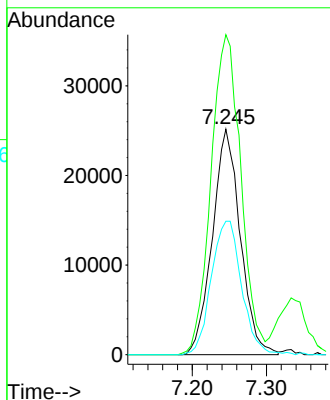
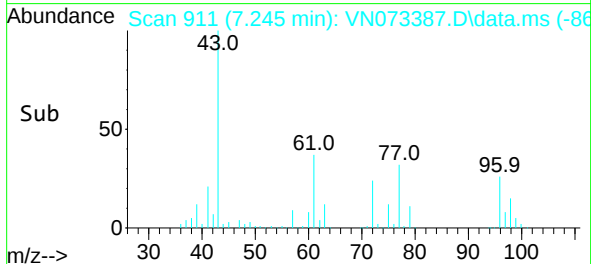
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0708WBSD01



Tgt Ion: 96 Resp: 6583
 Ion Ratio Lower Upper
 96 100
 61 151.9 0.0 280.6
 98 64.3 0.0 128.4

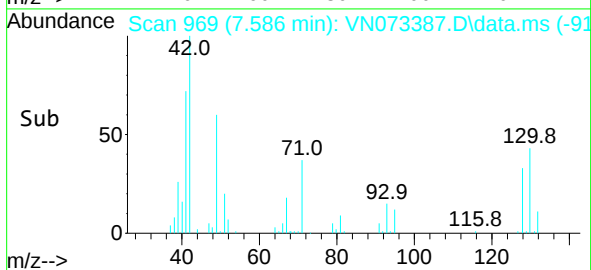
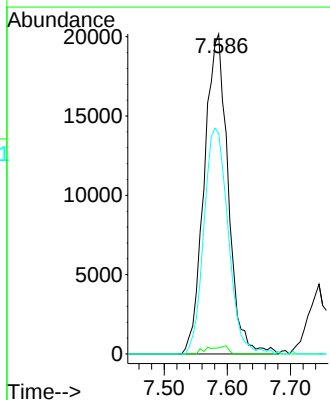
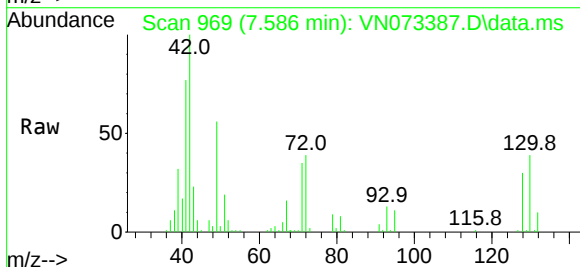
Manual Integrations
 APPROVED

Reviewed By :John Carlone 07/11/2022
 Supervised By :Mahesh Dadoda 07/11/2022



#28
 Bromochloromethane
 Concen: 22.359 ug/l
 RT: 7.586 min Scan# 969
 Delta R.T. 0.005 min
 Lab File: VN073387.D
 Acq: 08 Jul 2022 12:50

Tgt Ion: 49 Resp: 52912
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.6
 130 72.1 69.7 104.5





#29

Tetrahydrofuran

Concen: 105.419 ug/l

RT: 7.610 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN073387.D

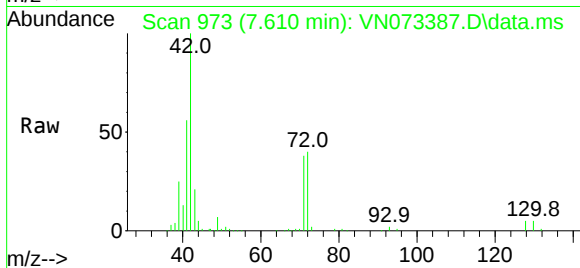
Acq: 08 Jul 2022 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0708WBSD01



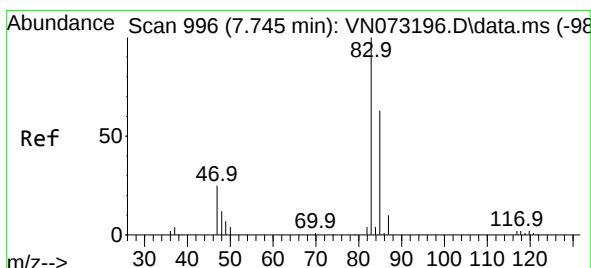
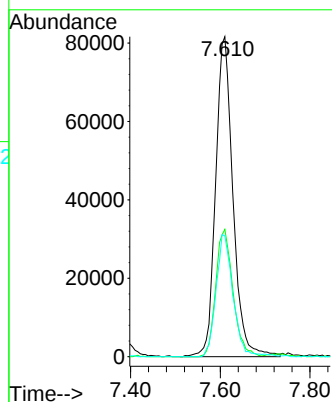
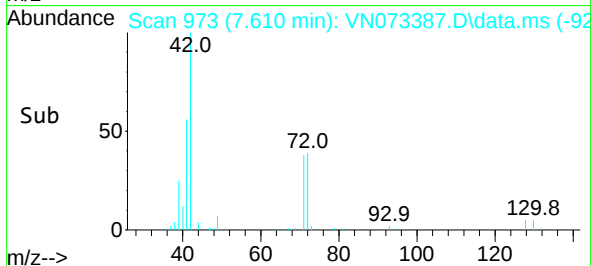
Tgt Ion:	42	Resp:	21973
Ion	Ratio	Lower	Upper
42	100		
72	39.6	39.7	59.5
71	37.4	36.6	55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#30

Chloroform

Concen: 19.595 ug/l

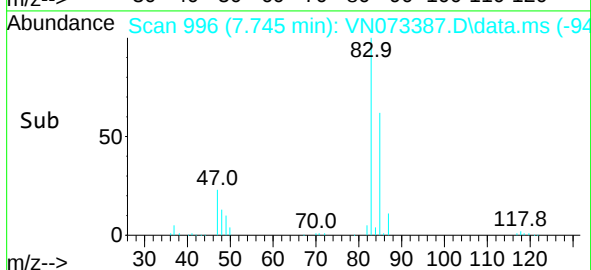
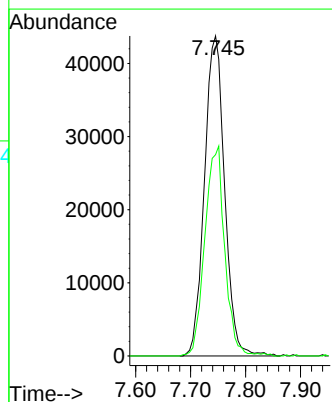
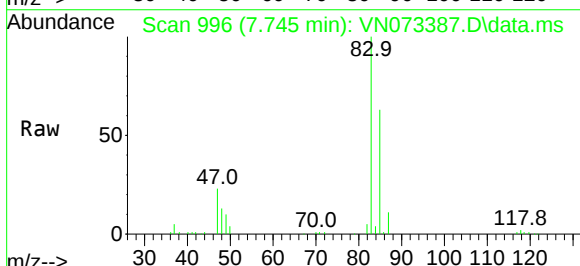
RT: 7.745 min Scan# 996

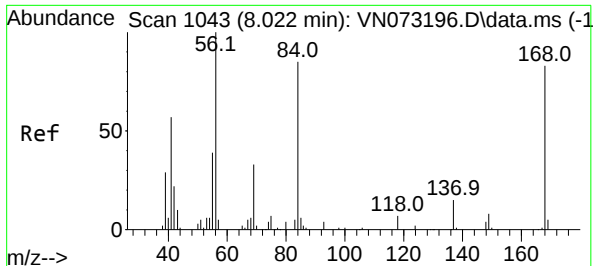
Delta R.T. 0.000 min

Lab File: VN073387.D

Acq: 08 Jul 2022 12:50

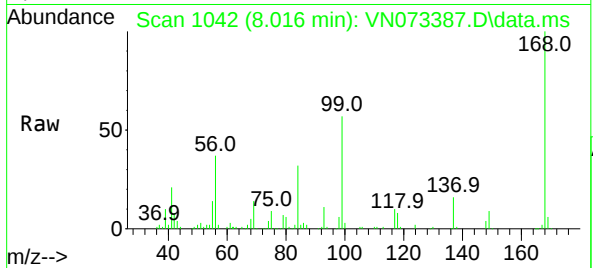
Tgt Ion:	83	Resp:	111520
Ion	Ratio	Lower	Upper
83	100		
85	62.9	51.8	77.8





#31
Cyclohexane
Concen: 17.892 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073387.D
Acq: 08 Jul 2022 12:50

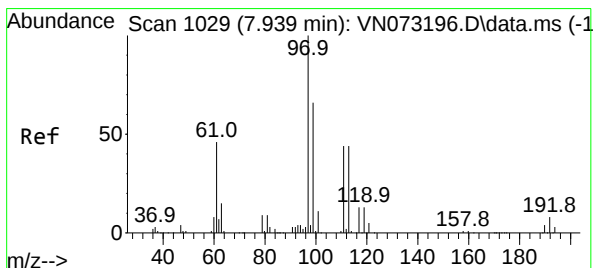
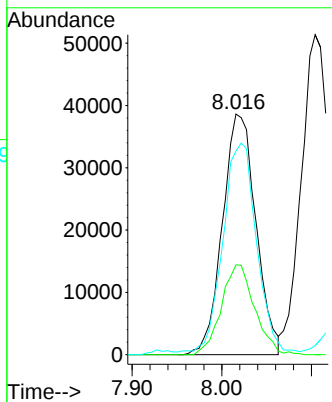
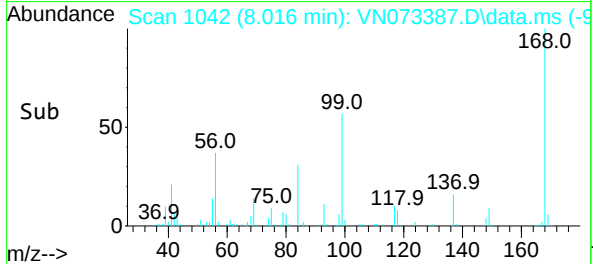
Instrument :
MSVOA_N
ClientSampleId :
VN0708WBSD01



Tgt Ion: 56 Resp: 9981
Ion Ratio Lower Upper
56 100
69 37.4 27.8 41.8
84 83.4 76.9 115.3

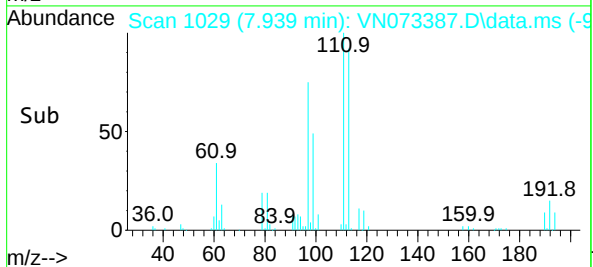
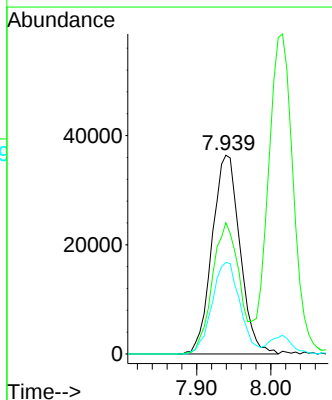
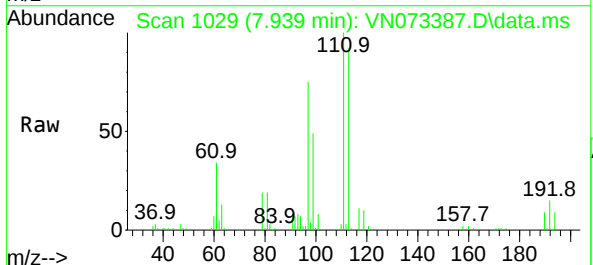
Manual Integrations
APPROVED

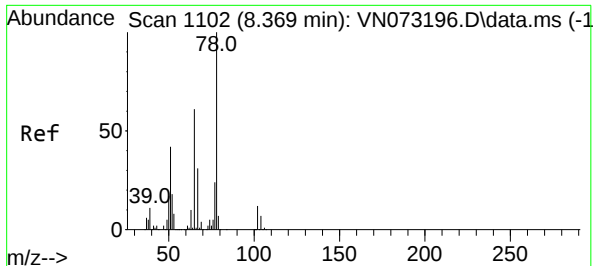
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#32
1,1,1-Trichloroethane
Concen: 18.734 ug/l
RT: 7.939 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VN073387.D
Acq: 08 Jul 2022 12:50

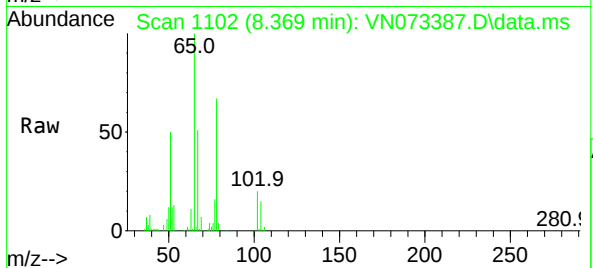
Tgt Ion: 97 Resp: 95015
Ion Ratio Lower Upper
97 100
99 62.5 50.6 76.0
61 46.4 36.0 54.0





#33
1,2-Dichloroethane-d4
Concen: 49.790 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073387.D
Acq: 08 Jul 2022 12:50

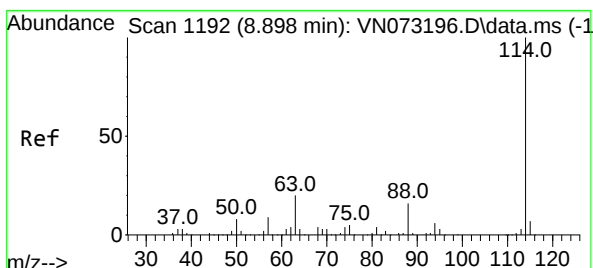
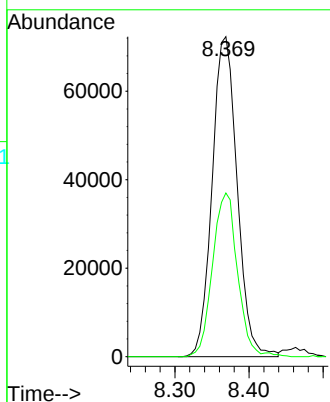
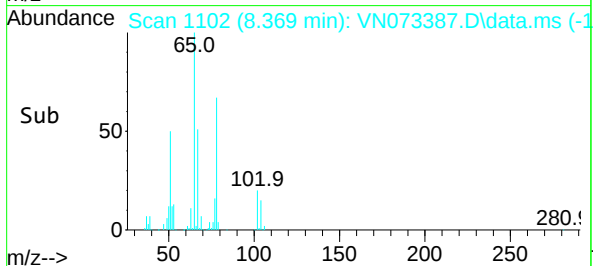
Instrument :
MSVOA_N
ClientSampleId :
VN0708WBSD01



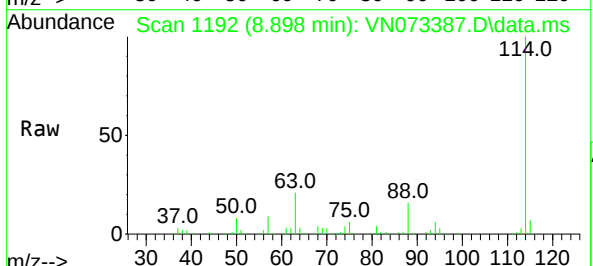
Tgt Ion: 65 Resp: 169598
Ion Ratio Lower Upper
65 100
67 51.1 0.0 104.8

Manual Integrations
APPROVED

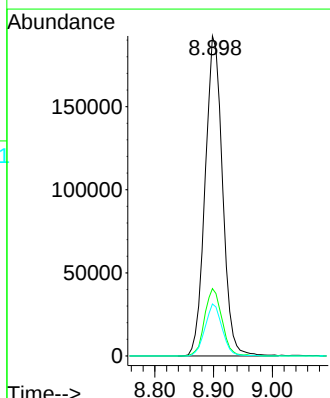
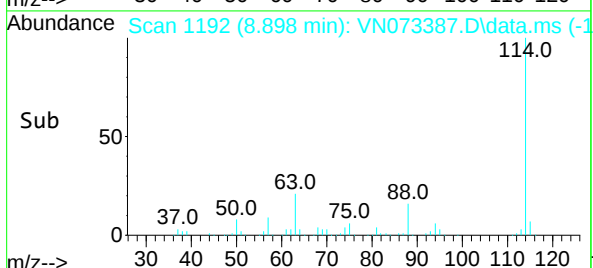
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.898 min Scan# 1192
Delta R.T. 0.000 min
Lab File: VN073387.D
Acq: 08 Jul 2022 12:50



Tgt Ion:114 Resp: 395315
Ion Ratio Lower Upper
114 100
63 21.0 0.0 40.0
88 16.3 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.455 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073387.D

Acq: 08 Jul 2022 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0708WBSD01

Tgt Ion:113 Resp: 13270

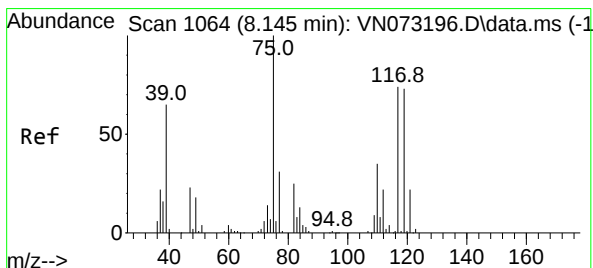
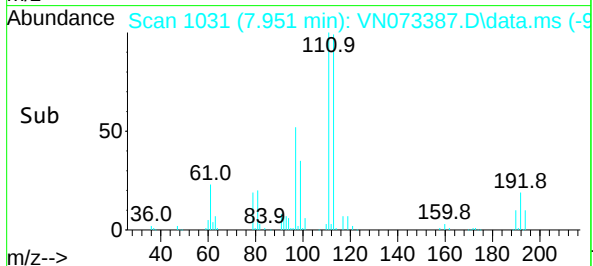
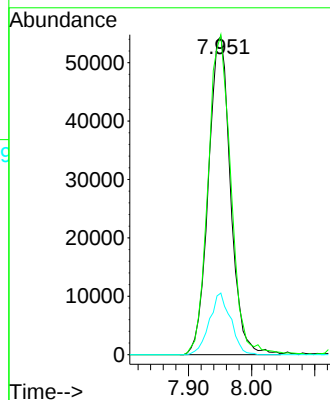
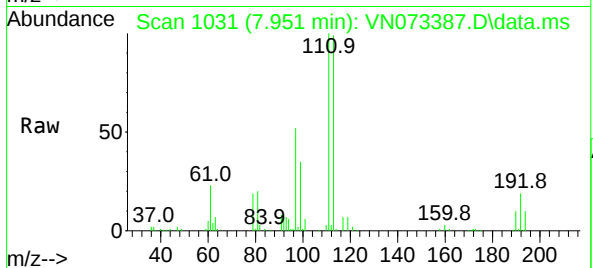
Ion	Ratio	Lower	Upper
113	100		
111	104.0	81.4	122.0
192	18.6	17.0	25.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#36

1,1-Dichloropropene

Concen: 19.355 ug/l

RT: 8.151 min Scan# 1065

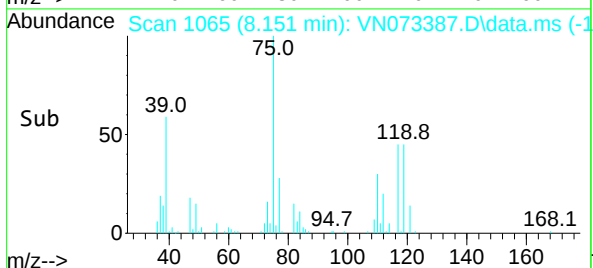
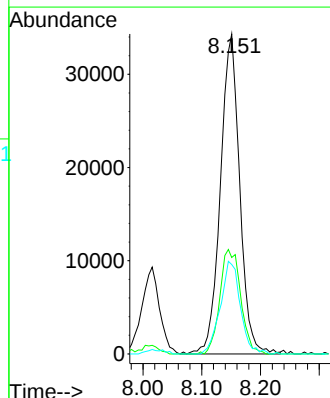
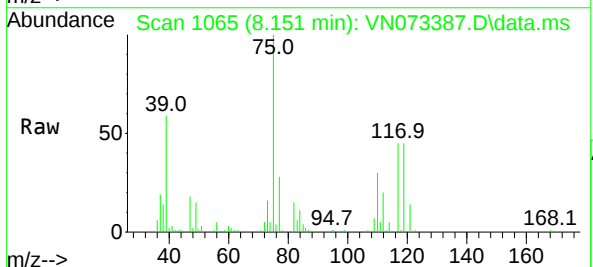
Delta R.T. 0.006 min

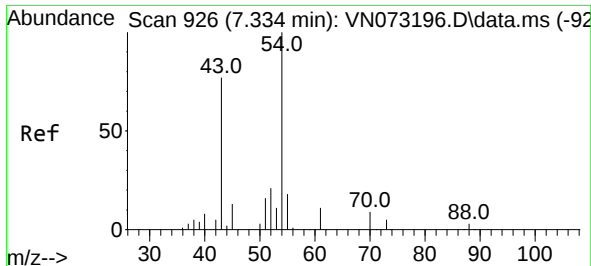
Lab File: VN073387.D

Acq: 08 Jul 2022 12:50

Tgt Ion: 75 Resp: 78328

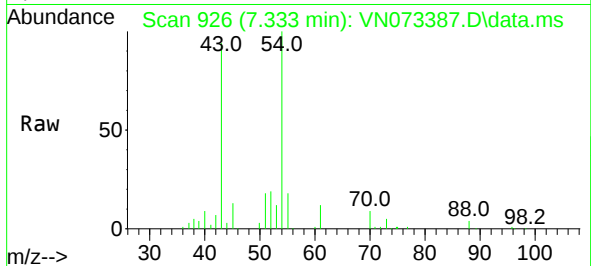
Ion	Ratio	Lower	Upper
75	100		
110	35.3	18.3	54.8
77	30.0	25.1	37.7





#37
Ethyl Acetate
Concen: 20.824 ug/l
RT: 7.333 min Scan# 91
Delta R.T. -0.001 min
Lab File: VN073387.D
Acq: 08 Jul 2022 12:50

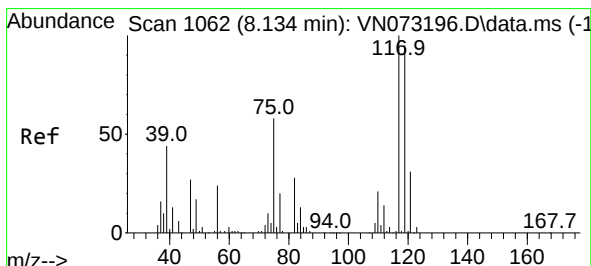
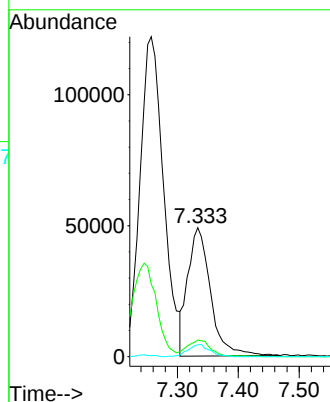
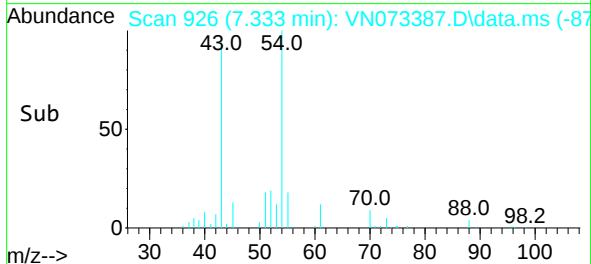
Instrument :
MSVOA_N
ClientSampleId :
VN0708WBSD01



Tgt Ion: 43 Resp: 12733
Ion Ratio Lower Upper
43 100
61 14.0 11.8 17.6
70 9.1 9.3 13.9

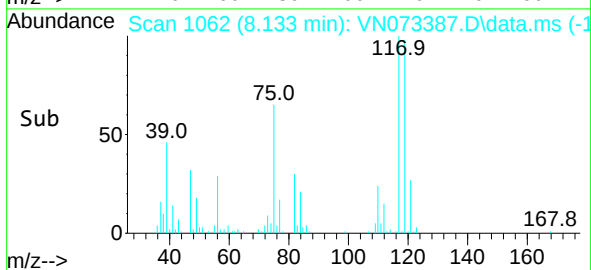
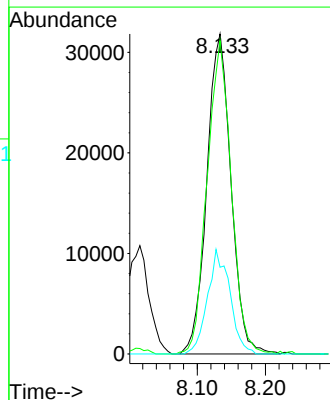
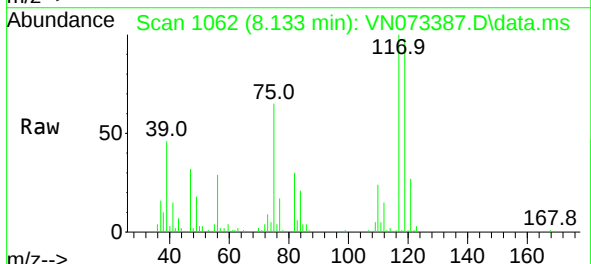
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#38
Carbon Tetrachloride
Concen: 18.821 ug/l
RT: 8.133 min Scan# 1062
Delta R.T. -0.001 min
Lab File: VN073387.D
Acq: 08 Jul 2022 12:50

Tgt Ion:117 Resp: 78765
Ion Ratio Lower Upper
117 100
119 97.3 75.8 113.8
121 27.1 24.6 37.0





#39

Methylcyclohexane

Concen: 18.826 ug/l

RT: 9.392 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VN073387.D

Acq: 08 Jul 2022 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0708WBSD01

Tgt Ion: 83 Resp: 94850

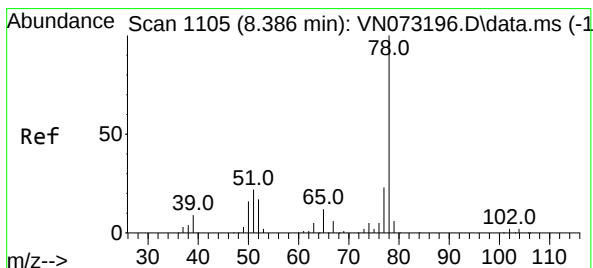
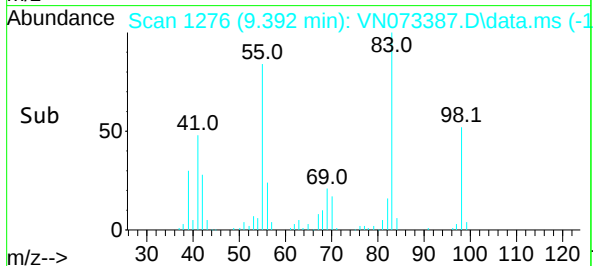
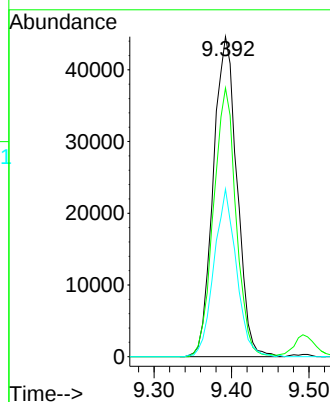
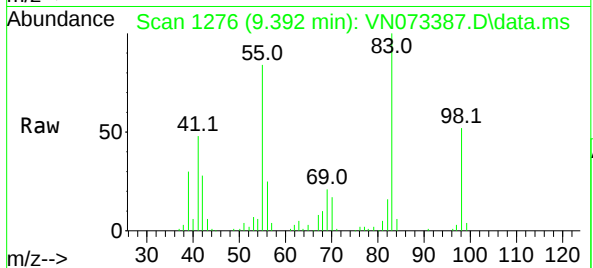
Ion	Ratio	Lower	Upper
83	100		
55	83.9	57.8	86.8
98	52.3	39.4	59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#40

Benzene

Concen: 19.757 ug/l

RT: 8.386 min Scan# 1105

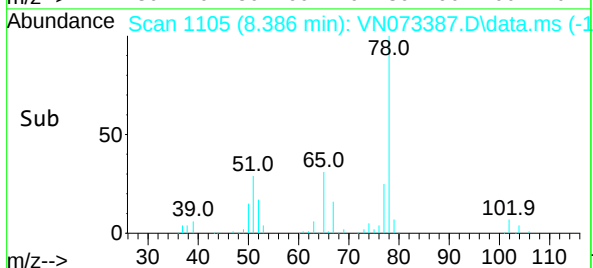
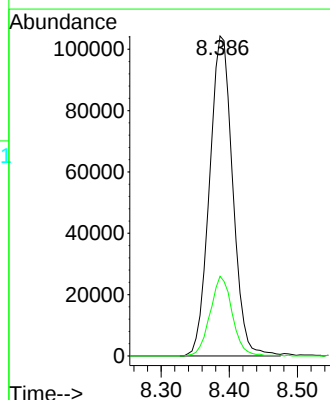
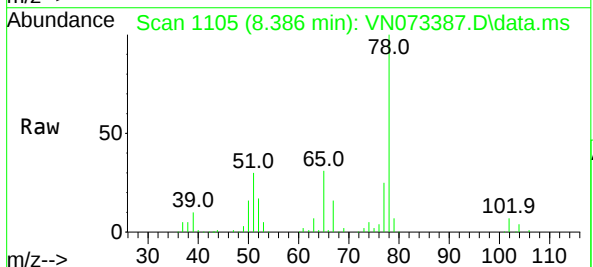
Delta R.T. 0.000 min

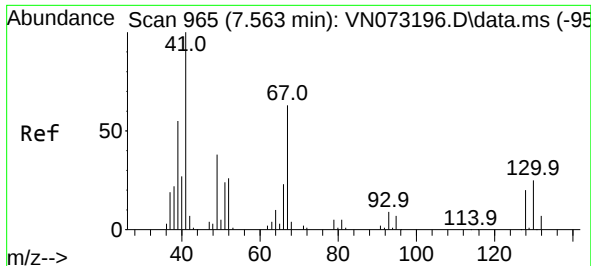
Lab File: VN073387.D

Acq: 08 Jul 2022 12:50

Tgt Ion: 78 Resp: 246752

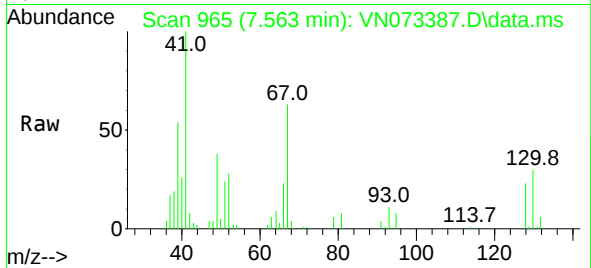
Ion	Ratio	Lower	Upper
78	100		
77	24.9	19.4	29.0





#41
Methacrylonitrile
Concen: 20.009 ug/l
RT: 7.563 min Scan# 965
Delta R.T. -0.000 min
Lab File: VN073387.D
Acq: 08 Jul 2022 12:50

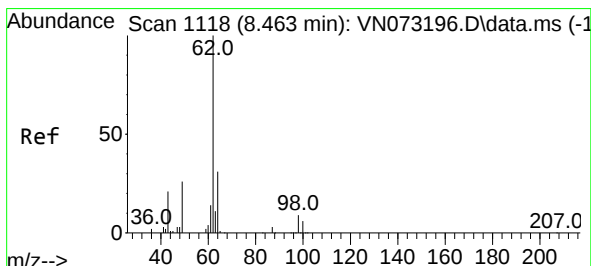
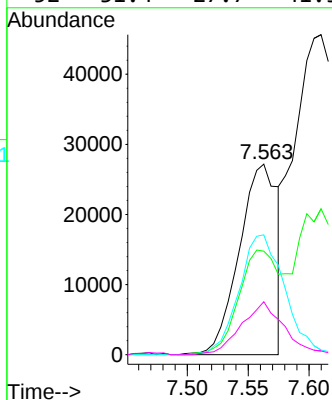
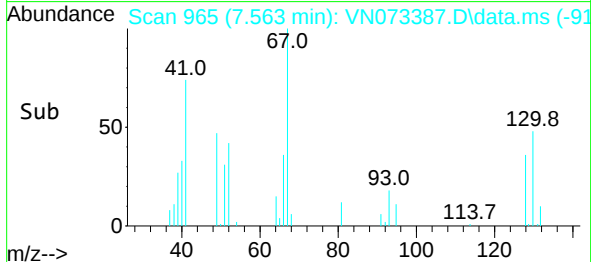
Instrument :
MSVOA_N
ClientSampleId :
VN0708WBSD01



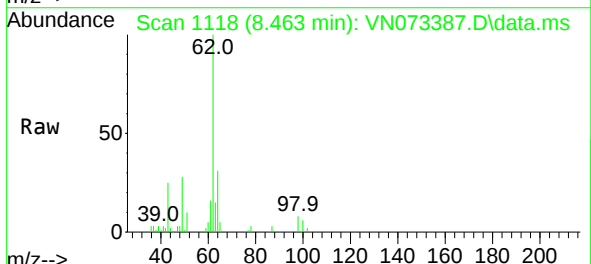
Tgt Ion: 41 Resp: 59338
Ion Ratio Lower Upper
41 100
39 54.6 48.6 73.0
67 75.5 73.4 110.2
52 31.4 27.7 41.5

Manual Integrations
APPROVED

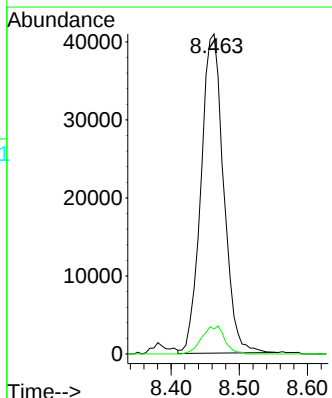
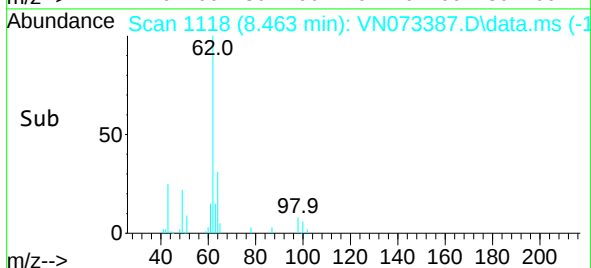
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#42
1,2-Dichloroethane
Concen: 20.841 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. -0.000 min
Lab File: VN073387.D
Acq: 08 Jul 2022 12:50



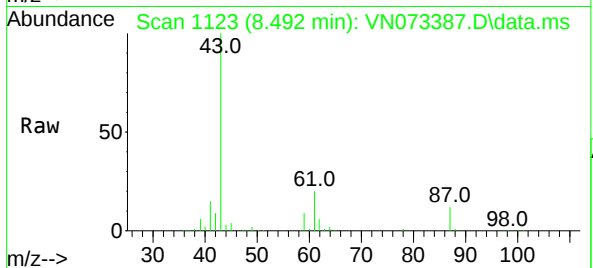
Tgt Ion: 62 Resp: 94354
Ion Ratio Lower Upper
62 100
98 8.9 0.0 19.4





#43
Isopropyl Acetate
Concen: 21.343 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN073387.D
Acq: 08 Jul 2022 12:50

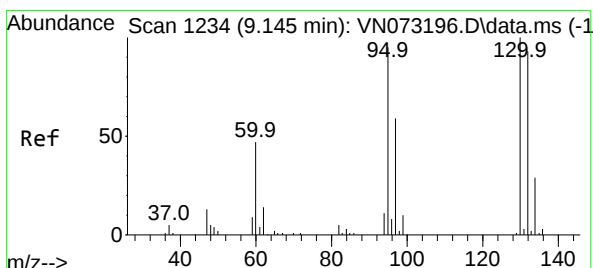
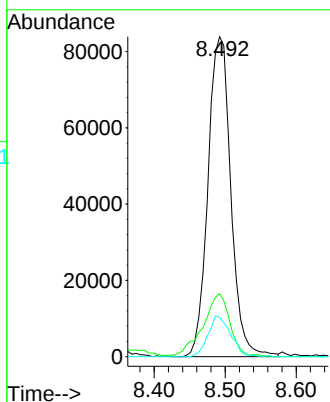
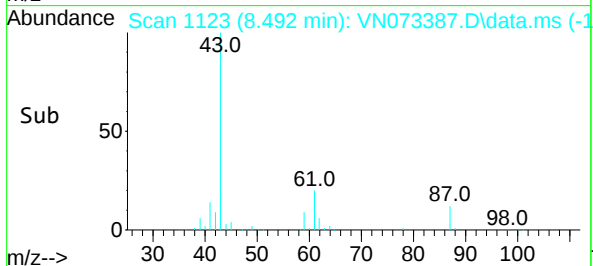
Instrument :
MSVOA_N
ClientSampleId :
VN0708WBSD01



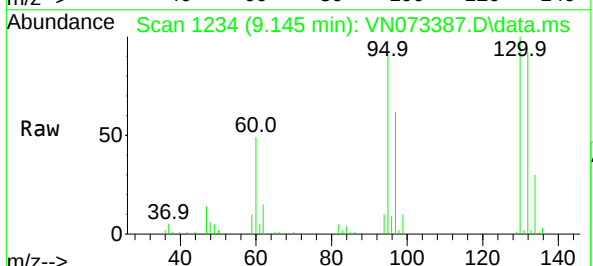
Tgt Ion: 43 Resp: 187562
Ion Ratio Lower Upper
43 100
61 23.5 21.9 32.9
87 12.5 12.0 18.0

Manual Integrations
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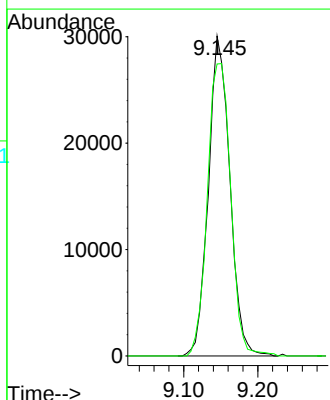
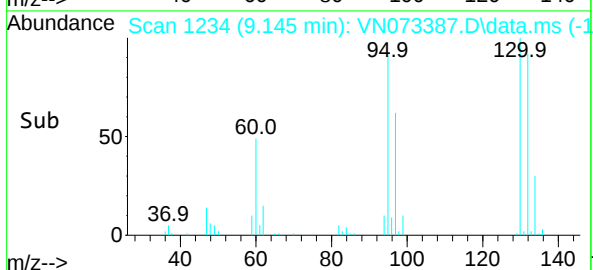
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#44
Trichloroethene
Concen: 19.041 ug/l
RT: 9.145 min Scan# 1234
Delta R.T. 0.000 min
Lab File: VN073387.D
Acq: 08 Jul 2022 12:50



Tgt Ion:130 Resp: 60519
Ion Ratio Lower Upper
130 100
95 91.3 0.0 186.8





#45

1,2-Dichloropropane

Concen: 20.675 ug/l

RT: 9.427 min Scan# 1281

Delta R.T. 0.005 min

Lab File: VN073387.D

Acq: 08 Jul 2022 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0708WBSD01

Tgt Ion: 63 Resp: 65810

Ion Ratio Lower Upper

63 100

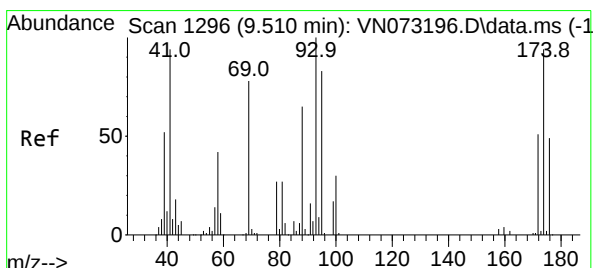
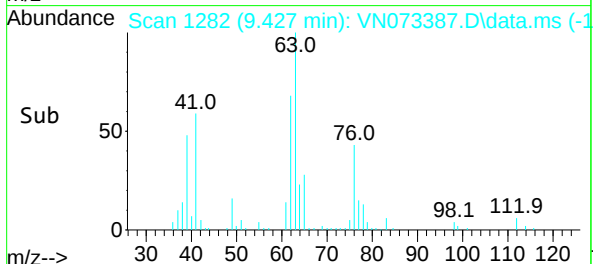
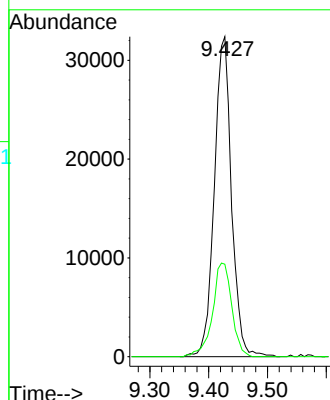
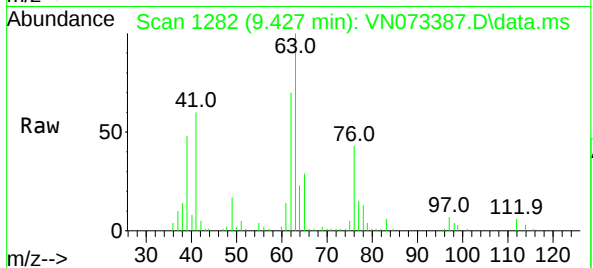
65 28.9 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#46

Dibromomethane

Concen: 20.036 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. 0.006 min

Lab File: VN073387.D

Acq: 08 Jul 2022 12:50

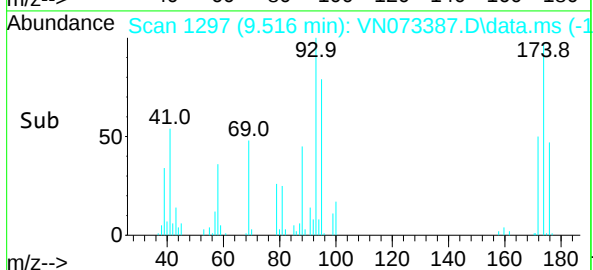
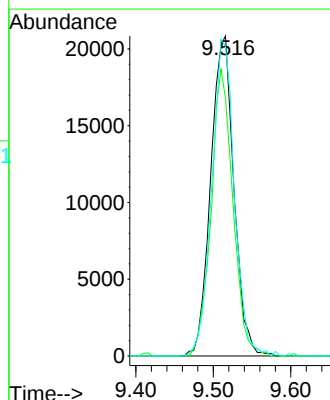
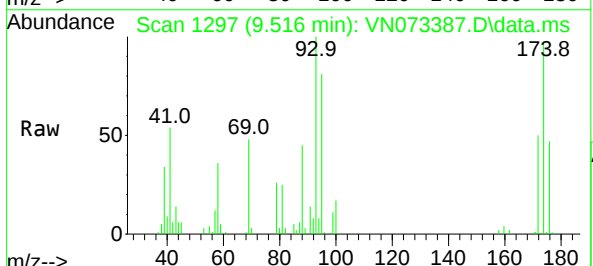
Tgt Ion: 93 Resp: 43307

Ion Ratio Lower Upper

93 100

95 84.4 66.9 100.3

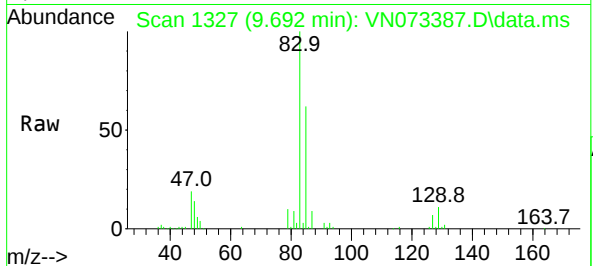
174 96.6 86.6 130.0





#47
Bromodichloromethane
Concen: 20.887 ug/l
RT: 9.692 min Scan# 1328
Delta R.T. -0.006 min
Lab File: VN073387.D
Acq: 08 Jul 2022 12:50

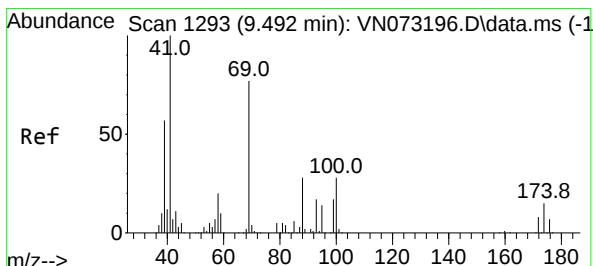
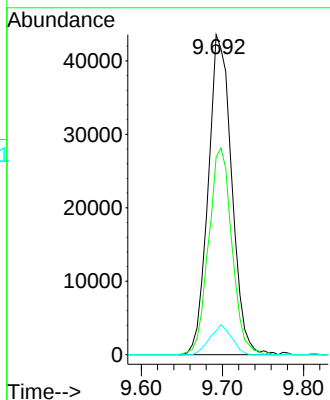
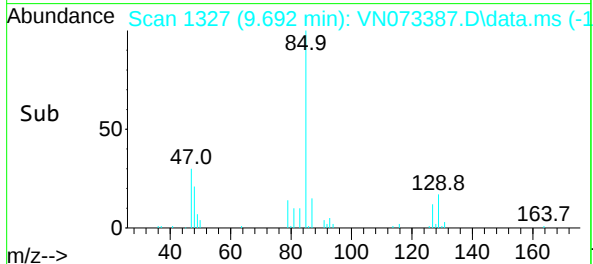
Instrument :
MSVOA_N
ClientSampleId :
VN0708WBSD01



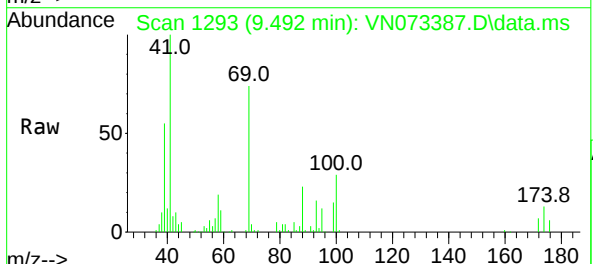
Tgt Ion: 83 Resp: 87438
Ion Ratio Lower Upper
83 100
85 61.7 50.5 75.7
127 7.4 6.8 10.2

Manual Integrations
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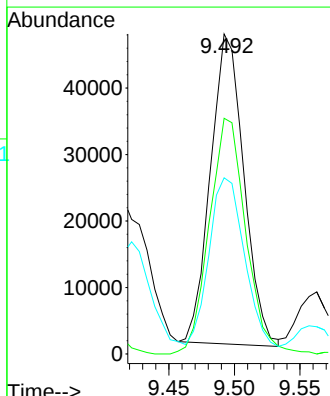
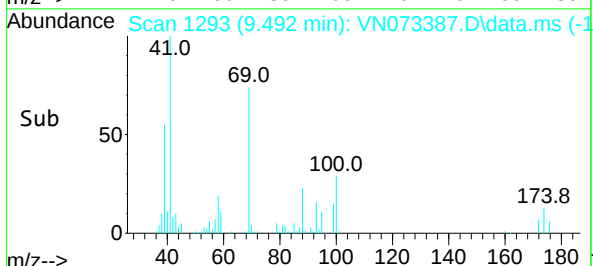
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#48
Methyl methacrylate
Concen: 20.298 ug/l
RT: 9.492 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VN073387.D
Acq: 08 Jul 2022 12:50



Tgt Ion: 41 Resp: 82590
Ion Ratio Lower Upper
41 100
69 83.1 74.7 112.1
39 62.7 45.6 68.4





#49

1,4-Dioxane

Concen: 410.037 ug/l

RT: 9.504 min Scan# 1295

Delta R.T. -0.000 min

Lab File: VN073387.D

Acq: 08 Jul 2022 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0708WBSD01

Tgt Ion: 88 Resp: 3167

Ion Ratio Lower Upper

88 100

43 35.5 20.2 30.4

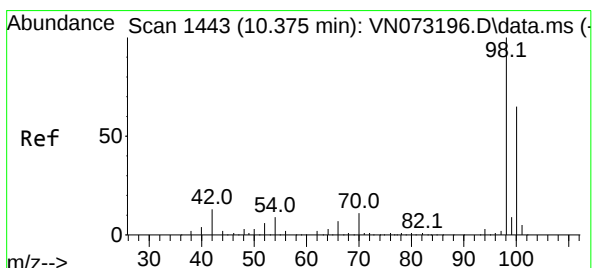
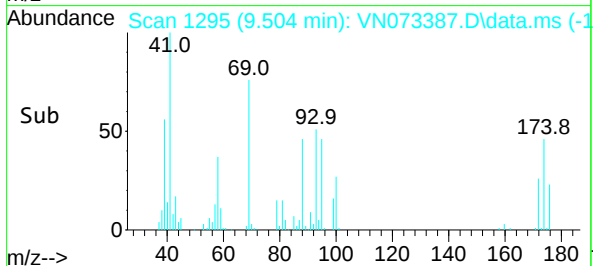
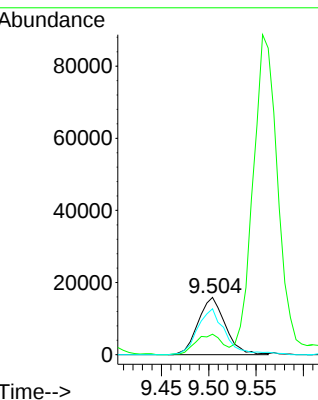
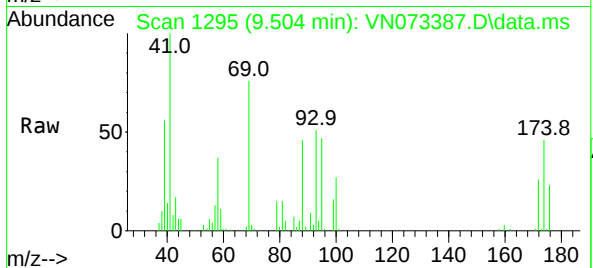
58 82.0 54.2 81.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#50

Toluene-d8

Concen: 48.845 ug/l

RT: 10.374 min Scan# 1443

Delta R.T. -0.001 min

Lab File: VN073387.D

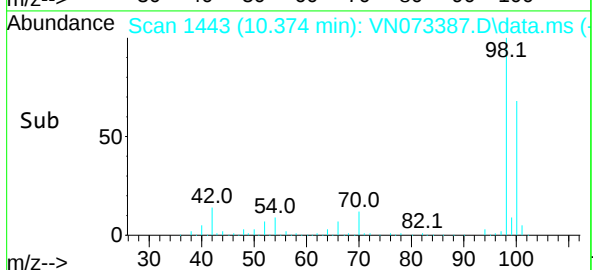
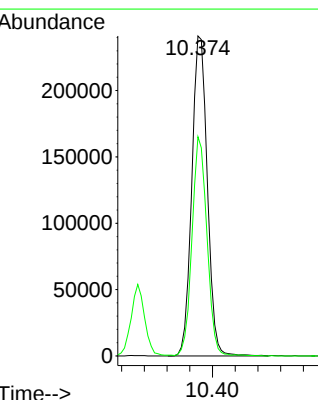
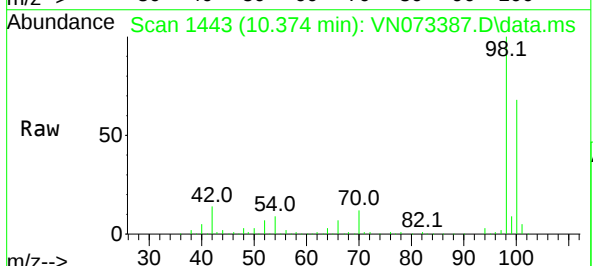
Acq: 08 Jul 2022 12:50

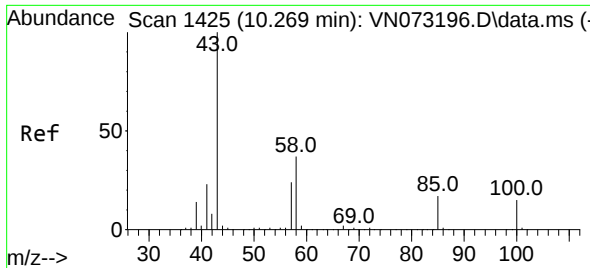
Tgt Ion: 98 Resp: 456274

Ion Ratio Lower Upper

98 100

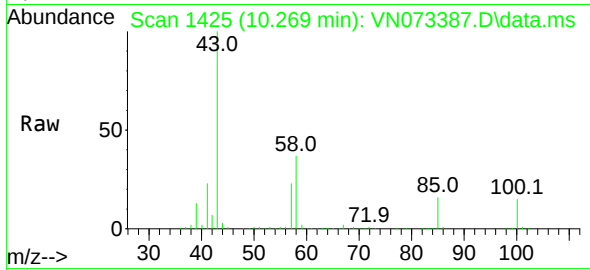
100 66.1 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 112.621 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VN073387.D
Acq: 08 Jul 2022 12:50

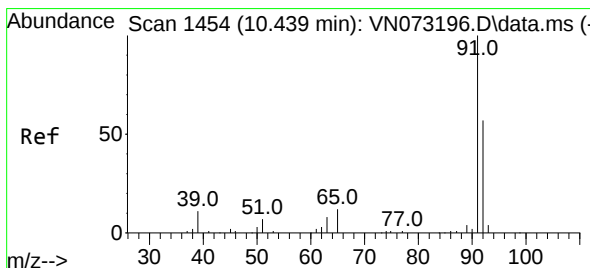
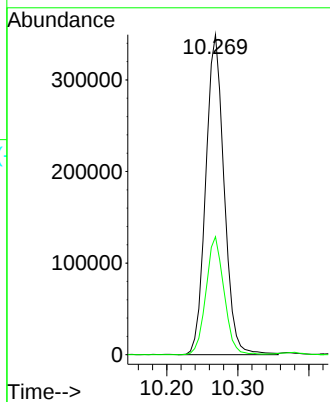
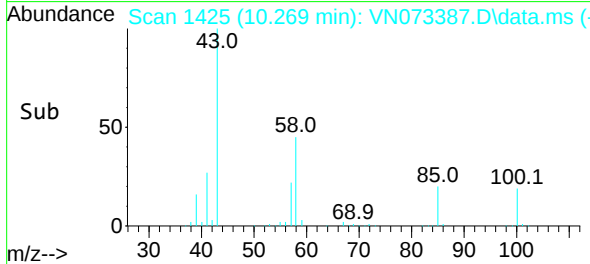
Instrument :
MSVOA_N
ClientSampleId :
VN0708WBSD01



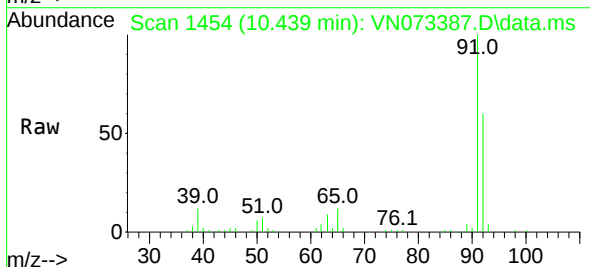
Tgt Ion: 43 Resp: 62763
Ion Ratio Lower Upper
43 100
58 36.2 34.1 51.1

Manual Integrations
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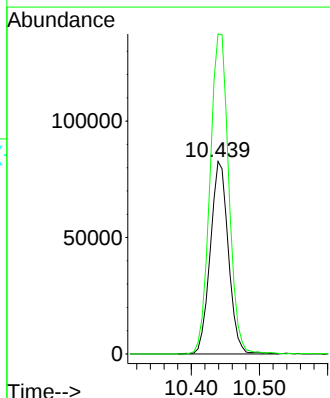
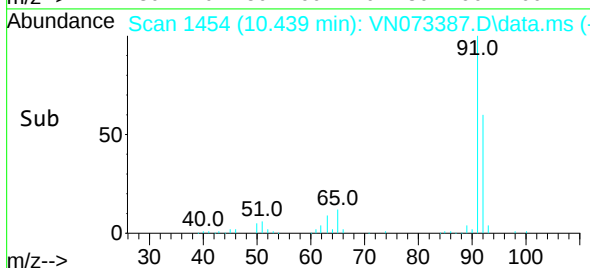
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#52
Toluene
Concen: 19.701 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN073387.D
Acq: 08 Jul 2022 12:50



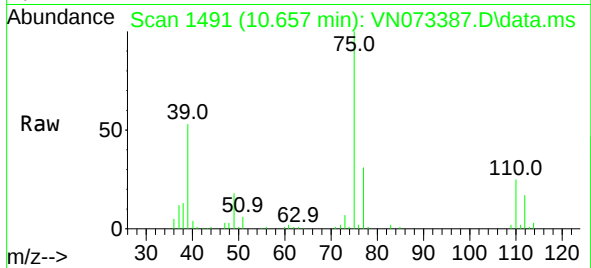
Tgt Ion: 92 Resp: 152058
Ion Ratio Lower Upper
92 100
91 173.6 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 20.608 ug/l
RT: 10.657 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN073387.D
Acq: 08 Jul 2022 12:50

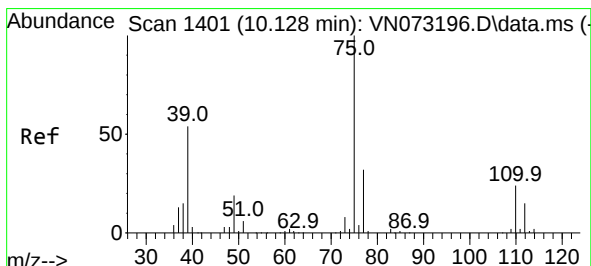
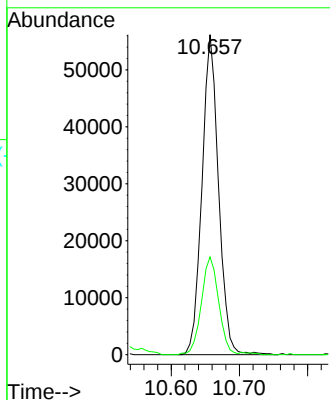
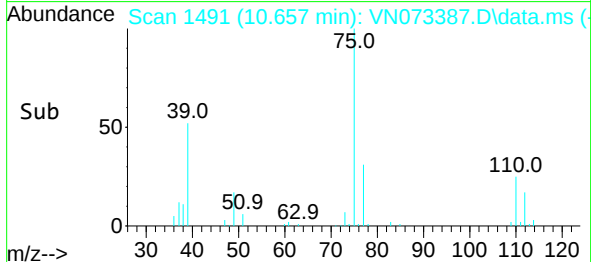
Instrument :
MSVOA_N
ClientSampleId :
VN0708WBSD01



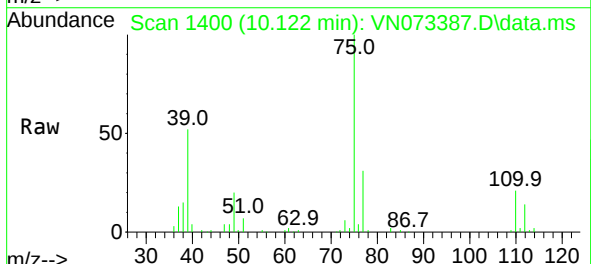
Tgt Ion: 75 Resp: 94974
Ion Ratio Lower Upper
75 100
77 30.5 25.6 38.4

Manual Integrations
APPROVED

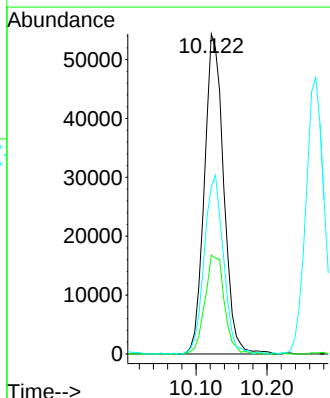
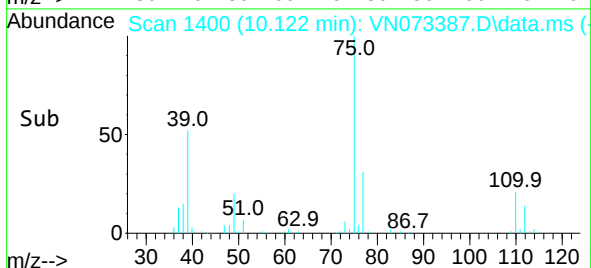
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

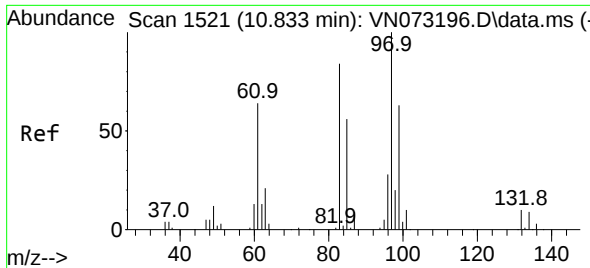


#54
cis-1,3-Dichloropropene
Concen: 20.643 ug/l
RT: 10.122 min Scan# 1400
Delta R.T. -0.006 min
Lab File: VN073387.D
Acq: 08 Jul 2022 12:50



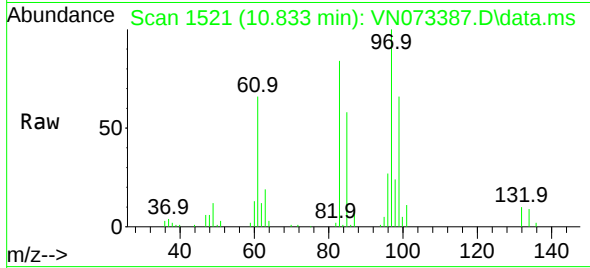
Tgt Ion: 75 Resp: 102708
Ion Ratio Lower Upper
75 100
77 30.9 25.2 37.8
39 52.2 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 20.466 ug/l
RT: 10.833 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VN073387.D
Acq: 08 Jul 2022 12:50

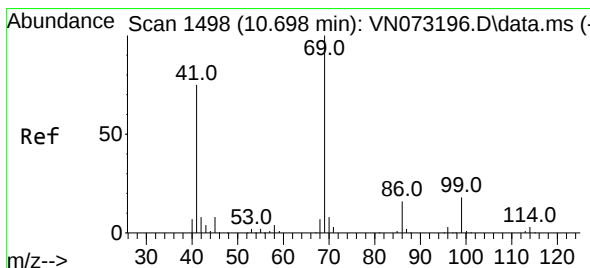
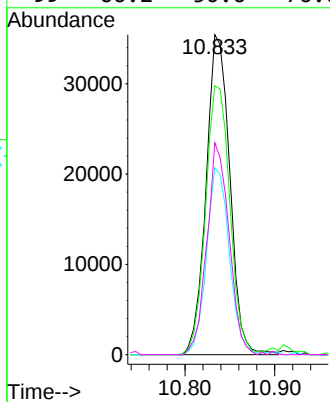
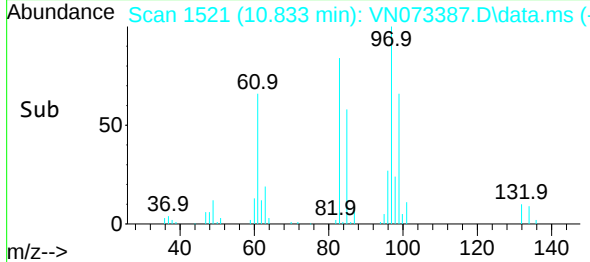
Instrument :
MSVOA_N
ClientSampleId :
VN0708WBSD01



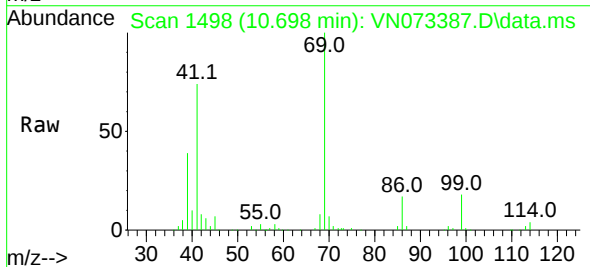
Tgt Ion: 97 Resp: 6503
Ion Ratio Lower Upper
97 100
83 84.0 66.2 99.4
85 58.4 43.9 65.9
99 66.2 50.6 76.0

Manual Integrations
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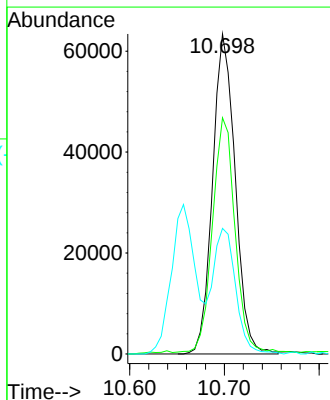
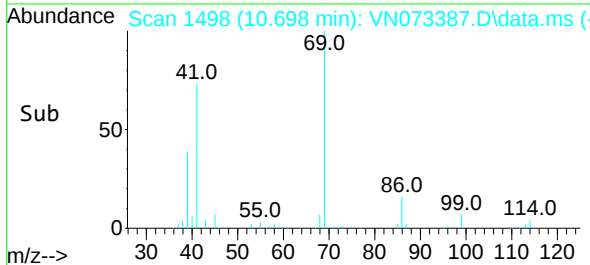
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#56
Ethyl methacrylate
Concen: 20.487 ug/l
RT: 10.698 min Scan# 1498
Delta R.T. -0.000 min
Lab File: VN073387.D
Acq: 08 Jul 2022 12:50



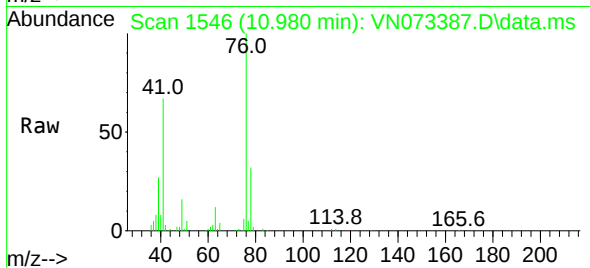
Tgt Ion: 69 Resp: 105220
Ion Ratio Lower Upper
69 100
41 72.7 47.8 71.6#
39 38.7 27.3 40.9





#57
1,3-Dichloropropane
Concen: 20.594 ug/l
RT: 10.980 min Scan# 112179
Delta R.T. 0.000 min
Lab File: VN073387.D
Acq: 08 Jul 2022 12:50

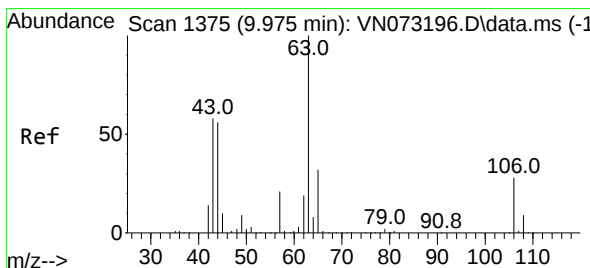
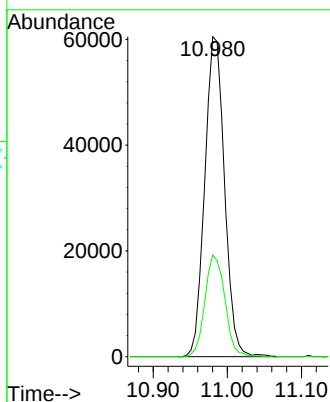
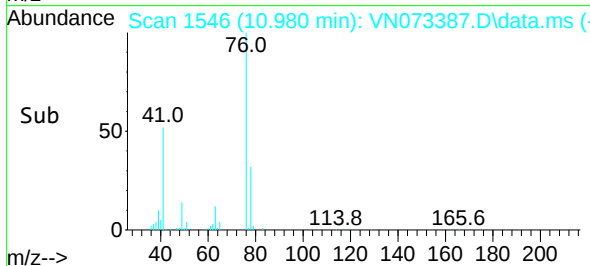
Instrument :
MSVOA_N
ClientSampleId :
VN0708WBSD01



Tgt Ion: 76 Resp: 112179
Ion Ratio Lower Upper
76 100
78 32.1 26.2 39.2

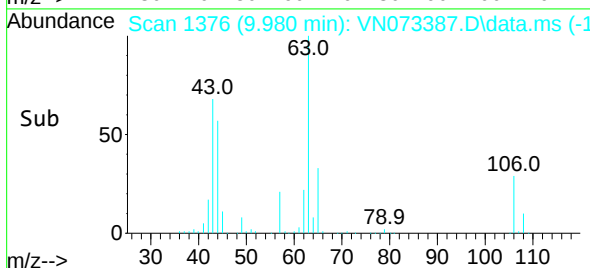
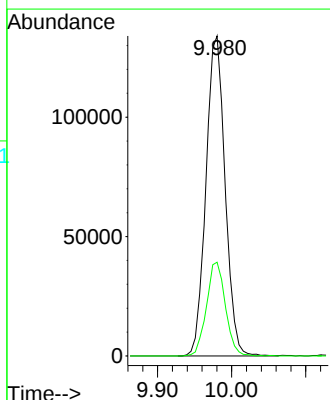
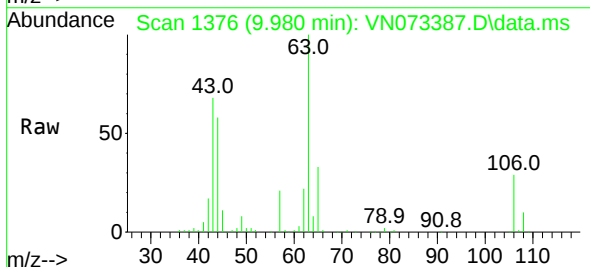
Manual Integrations
APPROVED

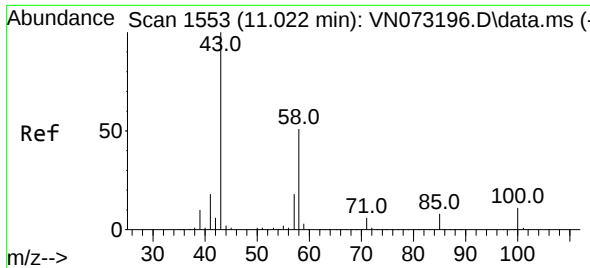
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#58
2-Chloroethyl Vinyl ether
Concen: 104.913 ug/l
RT: 9.980 min Scan# 1376
Delta R.T. 0.005 min
Lab File: VN073387.D
Acq: 08 Jul 2022 12:50

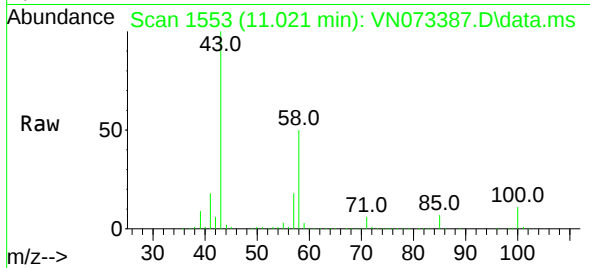
Tgt Ion: 63 Resp: 240307
Ion Ratio Lower Upper
63 100
106 28.9 24.6 36.8





#59
2-Hexanone
Concen: 111.425 ug/l
RT: 11.021 min Scan# 1553
Delta R.T. -0.001 min
Lab File: VN073387.D
Acq: 08 Jul 2022 12:50

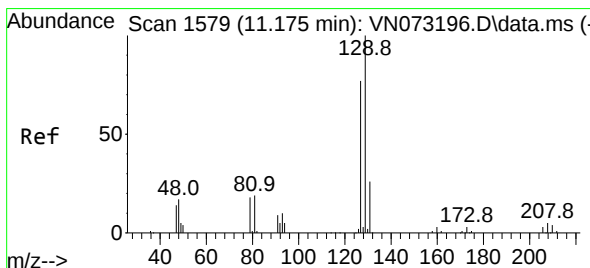
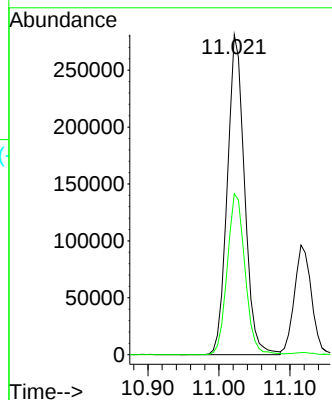
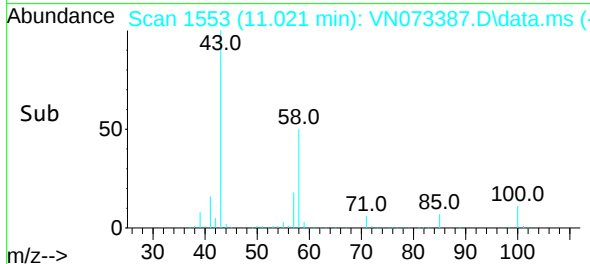
Instrument :
MSVOA_N
ClientSampleId :
VN0708WBSD01



Tgt Ion: 43 Resp: 473345
Ion Ratio Lower Upper
43 100
58 51.8 29.7 89.1

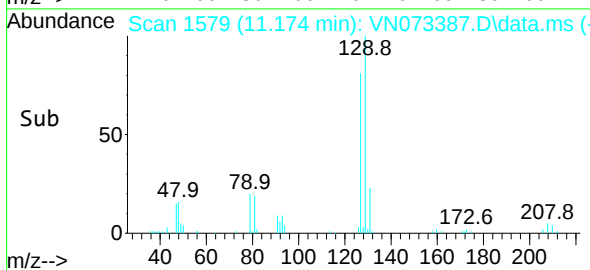
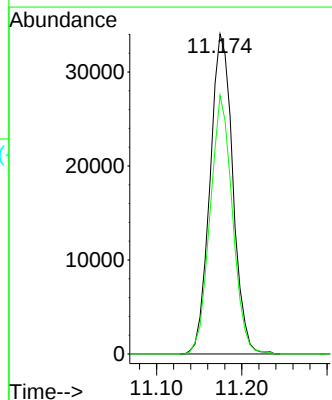
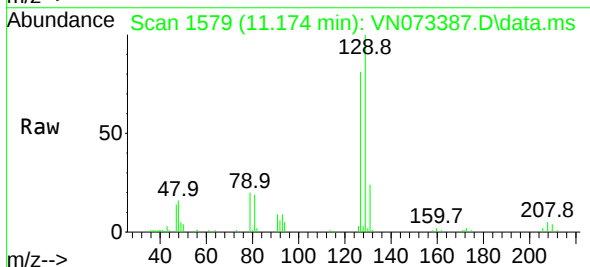
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#60
Dibromochloromethane
Concen: 20.876 ug/l
RT: 11.174 min Scan# 1579
Delta R.T. -0.001 min
Lab File: VN073387.D
Acq: 08 Jul 2022 12:50

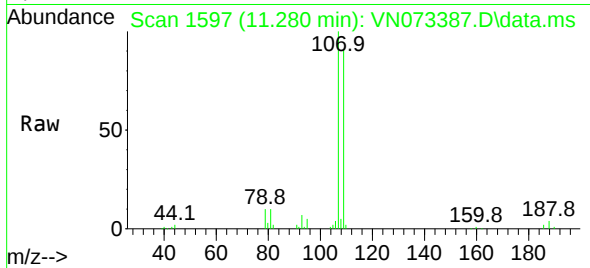
Tgt Ion:129 Resp: 63245
Ion Ratio Lower Upper
129 100
127 79.1 38.8 116.4





#61
1,2-Dibromoethane
Concen: 20.678 ug/l
RT: 11.280 min Scan# 1597
Delta R.T. 0.000 min
Lab File: VN073387.D
Acq: 08 Jul 2022 12:50

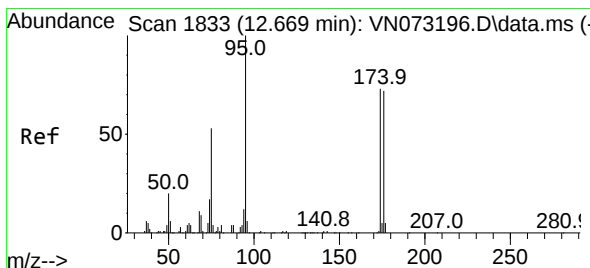
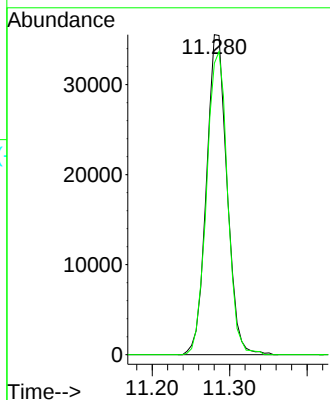
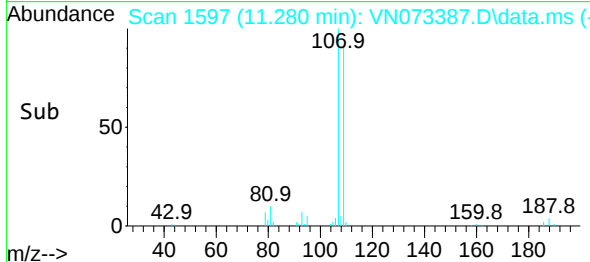
Instrument :
MSVOA_N
ClientSampleId :
VN0708WBSD01



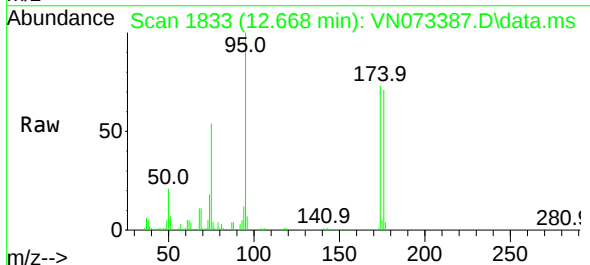
Tgt Ion:107 Resp: 65630
Ion Ratio Lower Upper
107 100
109 96.3 75.0 112.6

Manual Integrations
APPROVED

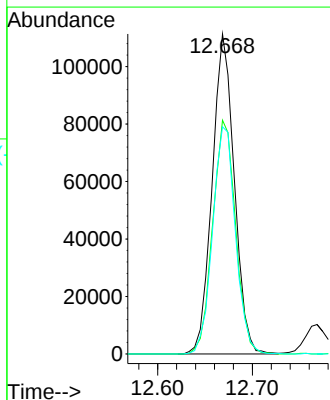
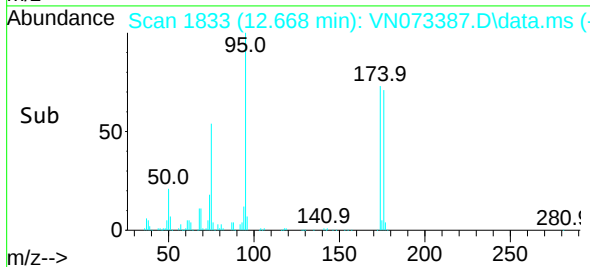
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#62
4-Bromofluorobenzene
Concen: 50.358 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN073387.D
Acq: 08 Jul 2022 12:50



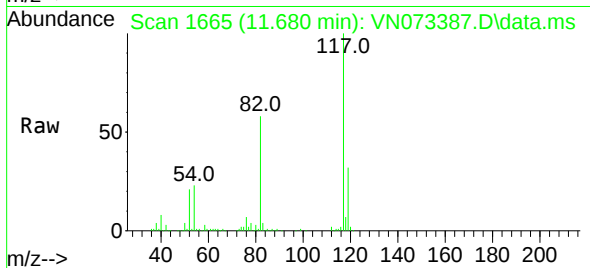
Tgt Ion: 95 Resp: 180773
Ion Ratio Lower Upper
95 100
174 75.6 0.0 167.6
176 73.4 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073387.D
Acq: 08 Jul 2022 12:50

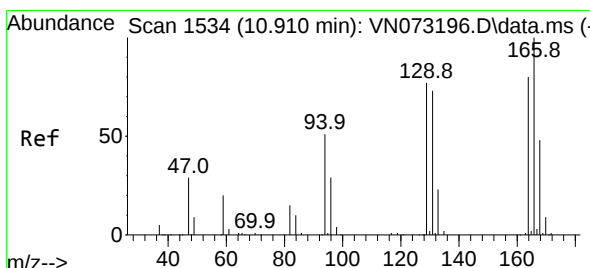
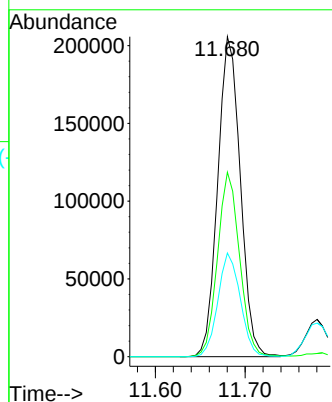
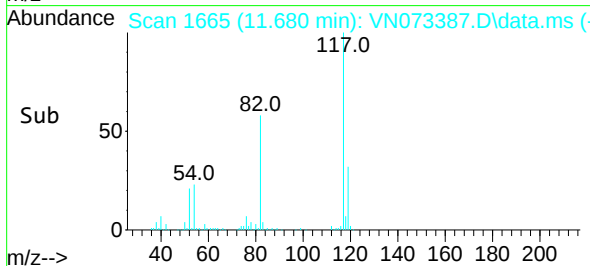
Instrument :
MSVOA_N
ClientSampleId :
VN0708WBSD01



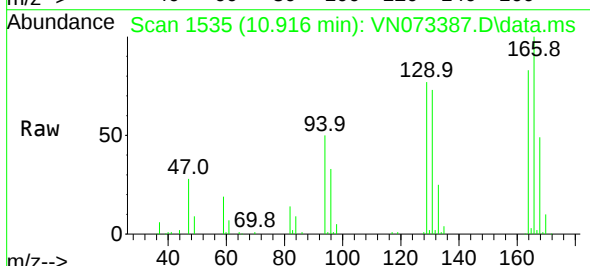
Tgt Ion:117 Resp: 359710
Ion Ratio Lower Upper
117 100
82 57.6 44.2 66.2
119 32.4 25.4 38.0

Manual Integrations
APPROVED

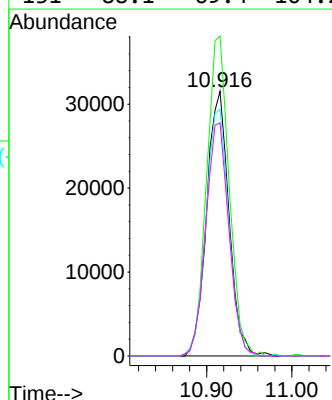
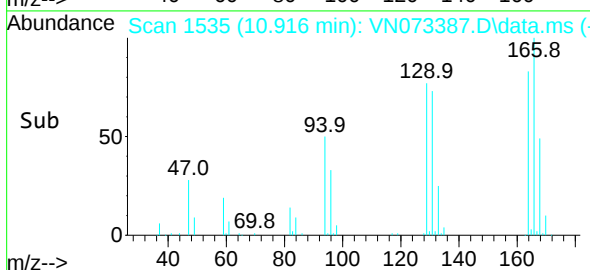
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

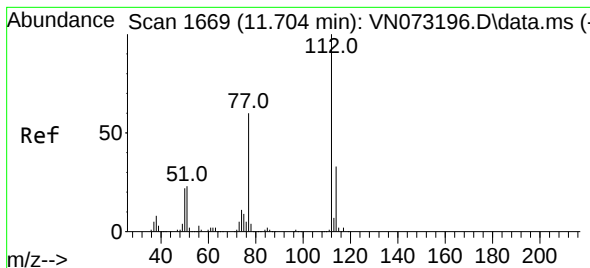


#64
Tetrachloroethene
Concen: 19.524 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. 0.006 min
Lab File: VN073387.D
Acq: 08 Jul 2022 12:50



Tgt Ion:164 Resp: 57348
Ion Ratio Lower Upper
164 100
166 120.9 104.2 156.2
129 93.2 73.9 110.9
131 88.1 69.4 104.2





#65

Chlorobenzene

Concen: 19.415 ug/l

RT: 11.710 min Scan# 1670

Delta R.T. 0.006 min

Lab File: VN073387.D

Acq: 08 Jul 2022 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0708WBSD01

Tgt Ion:112 Resp: 15795

Ion Ratio Lower Upper

112 100

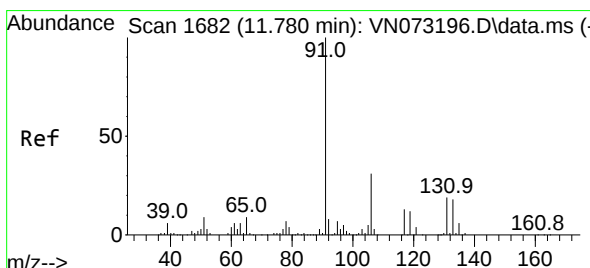
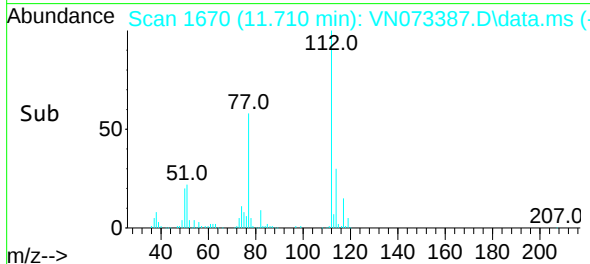
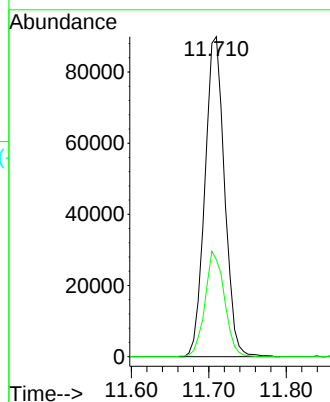
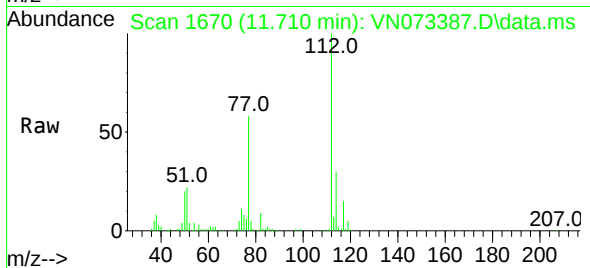
114 30.3 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#66

1,1,1,2-Tetrachloroethane

Concen: 20.333 ug/l

RT: 11.780 min Scan# 1682

Delta R.T. 0.000 min

Lab File: VN073387.D

Acq: 08 Jul 2022 12:50

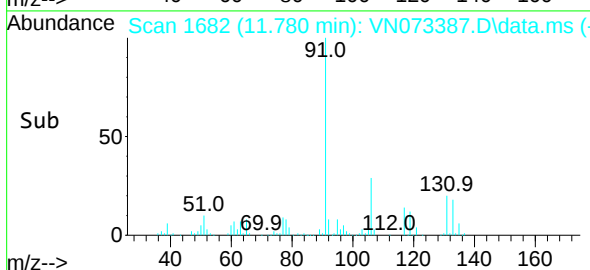
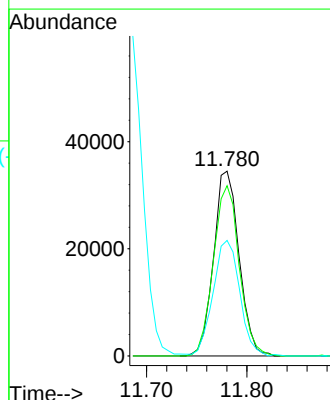
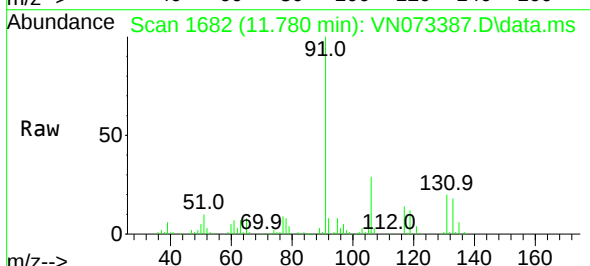
Tgt Ion:131 Resp: 60844

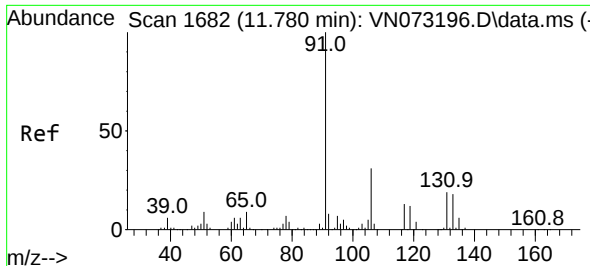
Ion Ratio Lower Upper

131 100

133 93.9 47.8 143.4

119 65.7 33.4 100.2





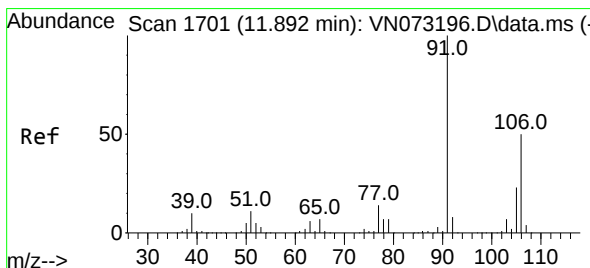
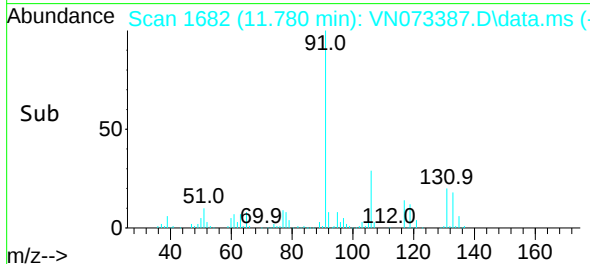
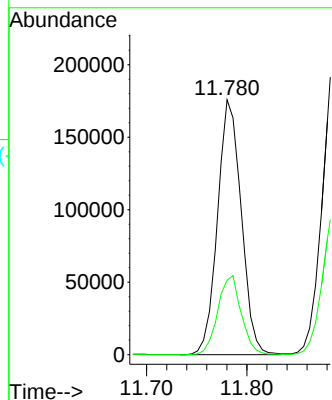
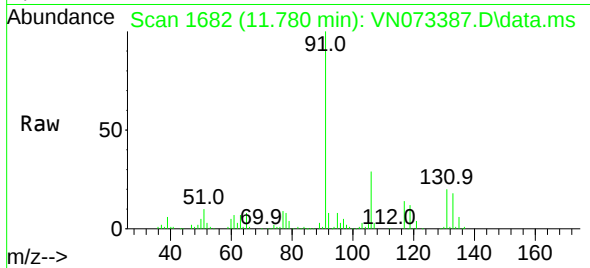
#67
Ethyl Benzene
Concen: 19.565 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073387.D
Acq: 08 Jul 2022 12:50

Instrument :
MSVOA_N
ClientSampleId :
VN0708WBSD01

Tgt Ion: 91 Resp: 28896
Ion Ratio Lower Upper
91 100
106 29.2 24.9 37.3

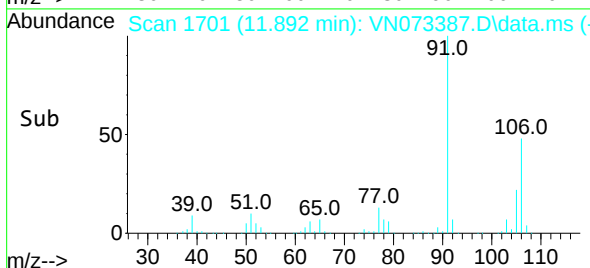
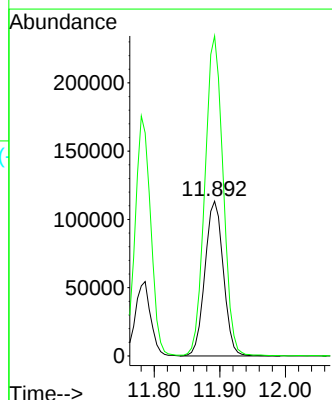
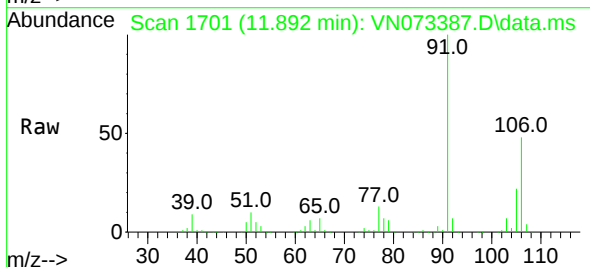
Manual Integrations
APPROVED

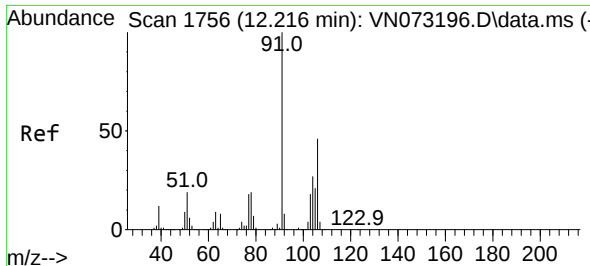
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#68
m/p-Xylenes
Concen: 39.667 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN073387.D
Acq: 08 Jul 2022 12:50

Tgt Ion:106 Resp: 221107
Ion Ratio Lower Upper
106 100
91 204.8 158.9 238.3





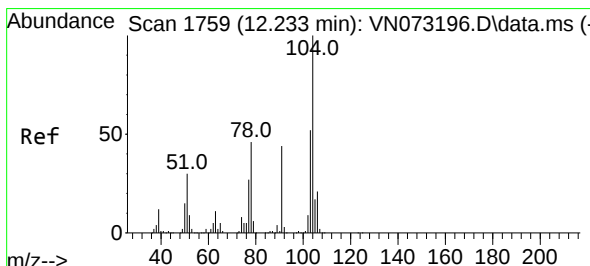
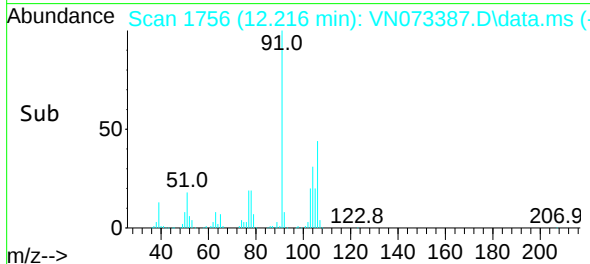
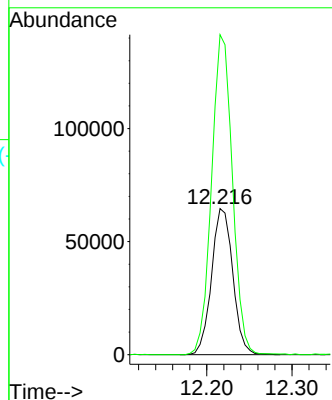
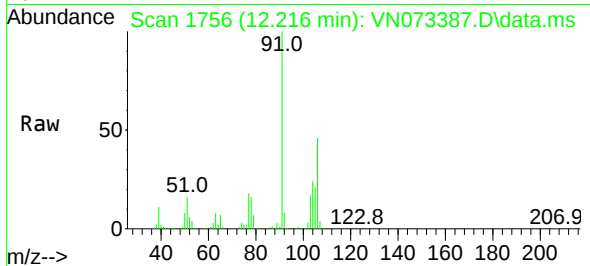
#69
o-Xylene
Concen: 19.672 ug/l
RT: 12.216 min Scan# 1756
Delta R.T. -0.000 min
Lab File: VN073387.D
Acq: 08 Jul 2022 12:50

Instrument :
MSVOA_N
ClientSampleId :
VN0708WBSD01

Tgt Ion:106 Resp: 111939
Ion Ratio Lower Upper
106 100
91 215.2 106.0 318.0

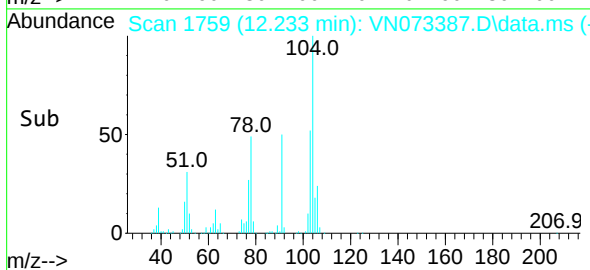
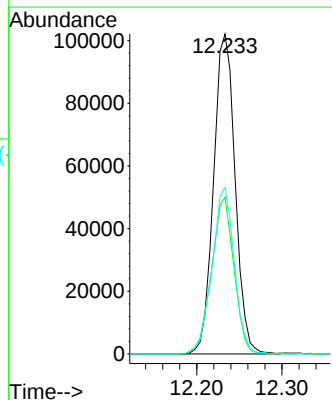
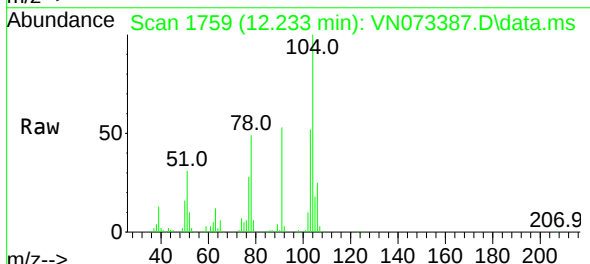
Manual Integrations
APPROVED

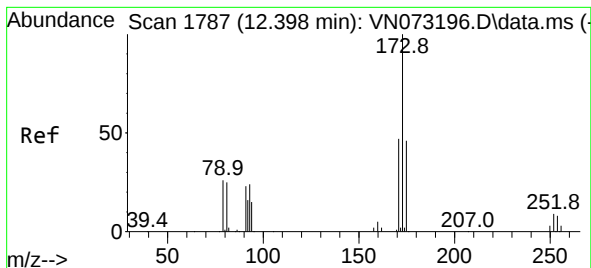
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#70
Styrene
Concen: 20.438 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN073387.D
Acq: 08 Jul 2022 12:50

Tgt Ion:104 Resp: 179560
Ion Ratio Lower Upper
104 100
78 51.1 39.5 59.3
103 53.9 44.0 66.0





#71

Bromoform

Concen: 21.119 ug/l

RT: 12.398 min Scan# 1787

Delta R.T. -0.000 min

Lab File: VN073387.D

Acq: 08 Jul 2022 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0708WBSD01

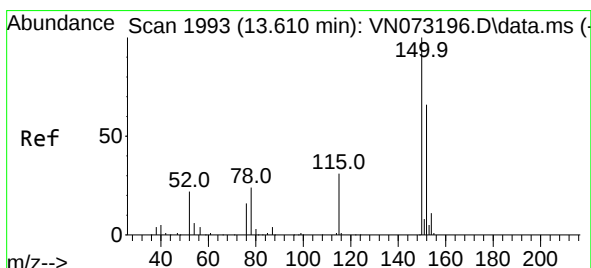
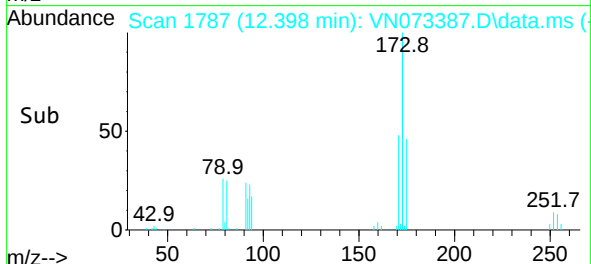
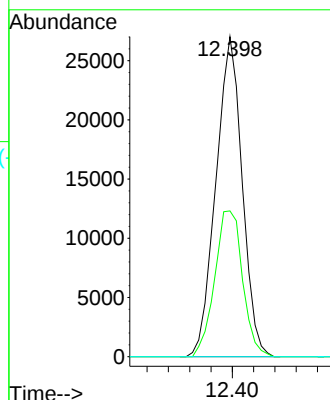
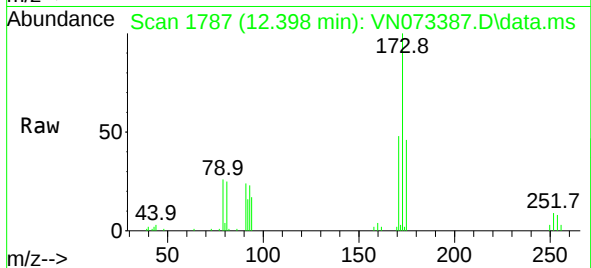
Tgt Ion:	173	Resp:	4624
Ion Ratio	Lower	Upper	
173	100		
175	48.4	24.6	73.6
254	0.0	0.1	0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

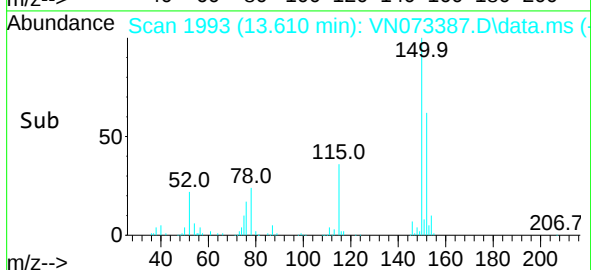
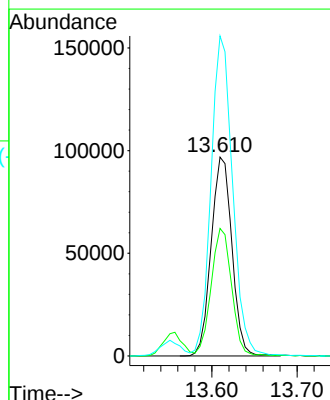
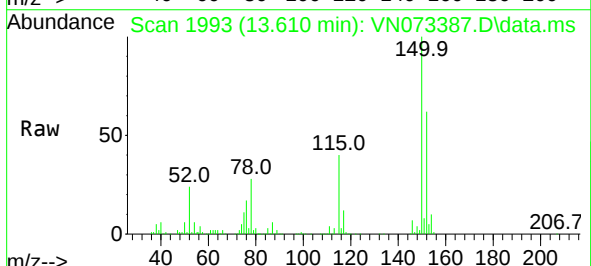
RT: 13.610 min Scan# 1993

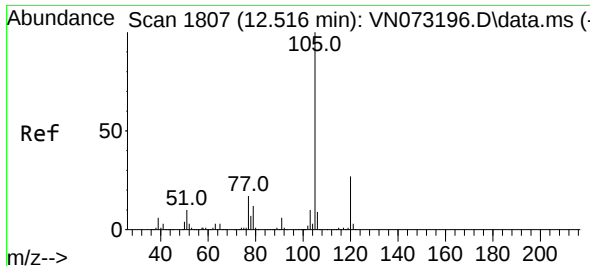
Delta R.T. -0.000 min

Lab File: VN073387.D

Acq: 08 Jul 2022 12:50

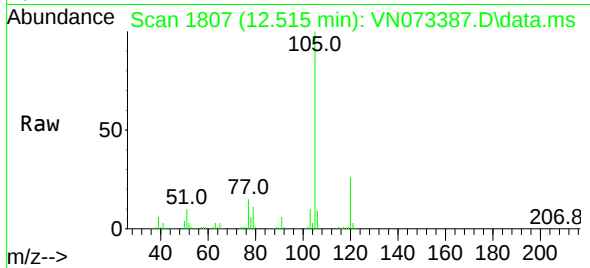
Tgt Ion:	152	Resp:	164210
Ion Ratio	Lower	Upper	
152	100		
115	62.5	28.9	86.7
150	167.3	0.0	356.2





#73
Isopropylbenzene
Concen: 20.585 ug/l
RT: 12.515 min Scan# 1807
Delta R.T. -0.001 min
Lab File: VN073387.D
Acq: 08 Jul 2022 12:50

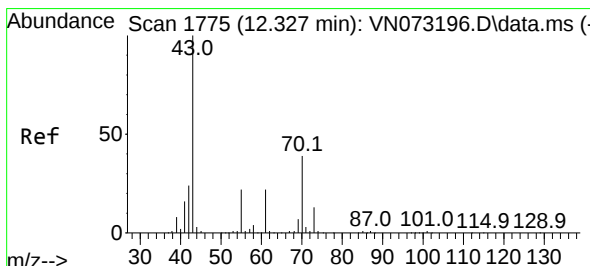
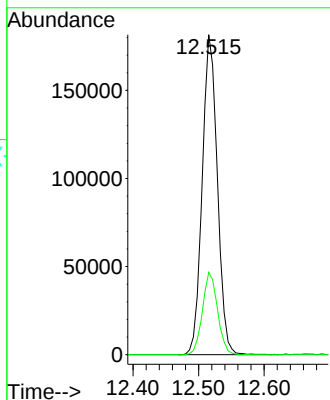
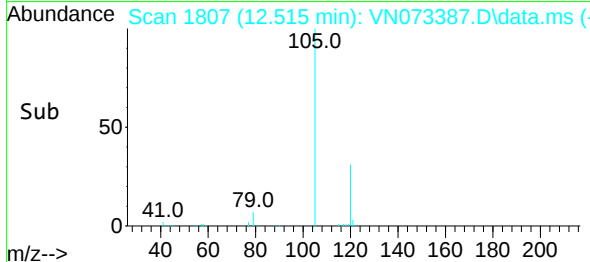
Instrument :
MSVOA_N
ClientSampleId :
VN0708WBSD01



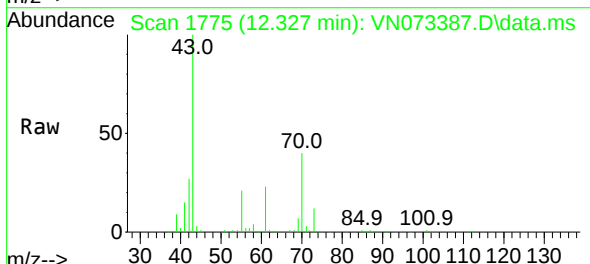
Tgt Ion: 105 Resp: 29190
Ion Ratio Lower Upper
105 100
120 25.6 13.5 40.4

Manual Integrations
APPROVED

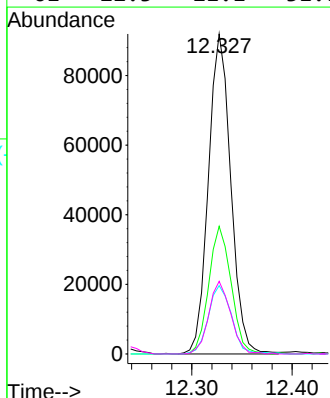
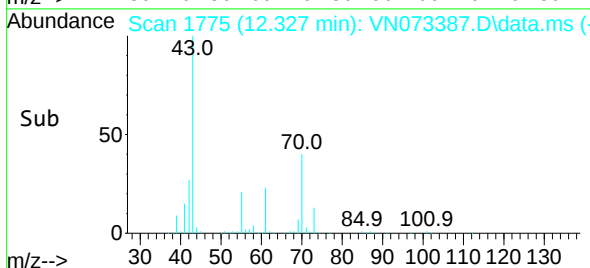
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

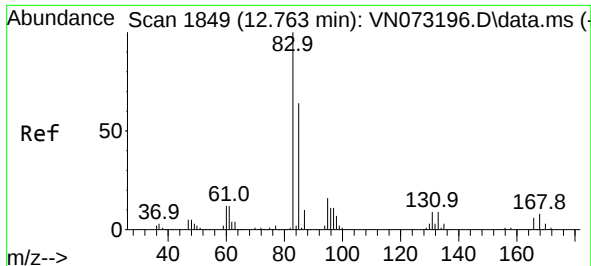


#74
N-ethyl acetate
Concen: 20.053 ug/l
RT: 12.327 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN073387.D
Acq: 08 Jul 2022 12:50



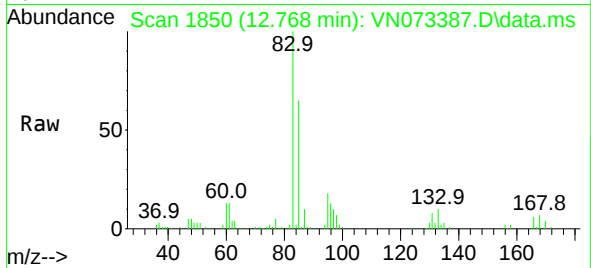
Tgt Ion: 43 Resp: 142382
Ion Ratio Lower Upper
43 100
70 39.8 39.0 58.4
55 22.2 21.1 31.7
61 22.3 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 21.085 ug/l
RT: 12.768 min Scan# 1849
Delta R.T. 0.005 min
Lab File: VN073387.D
Acq: 08 Jul 2022 12:50

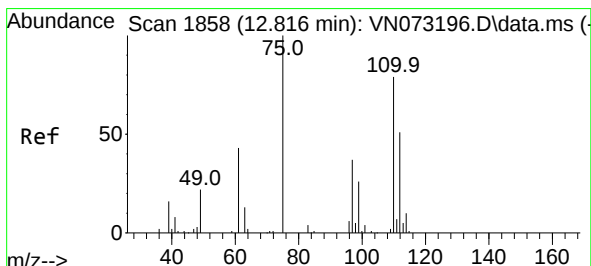
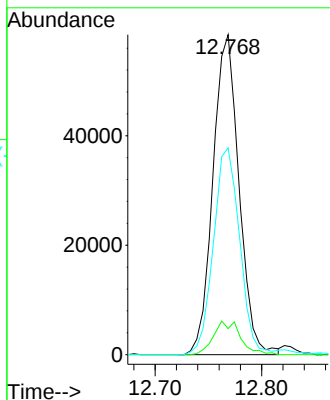
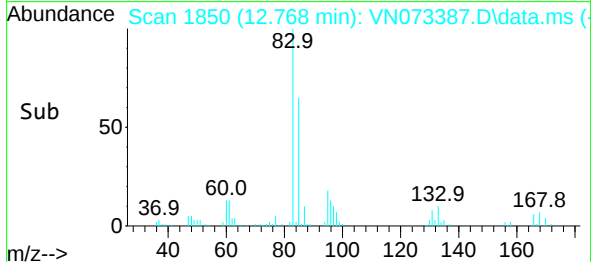
Instrument :
MSVOA_N
ClientSampleId :
VN0708WBSD01



Tgt Ion: 83 Resp: 99210
Ion Ratio Lower Upper
83 100
131 10.9 5.3 15.9
85 64.9 32.3 96.9

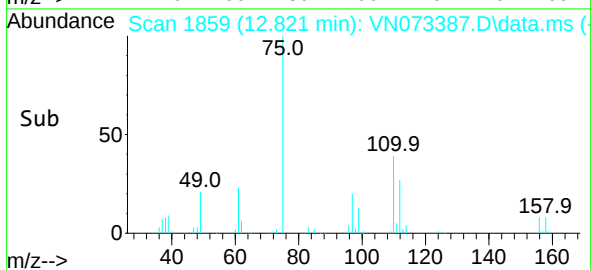
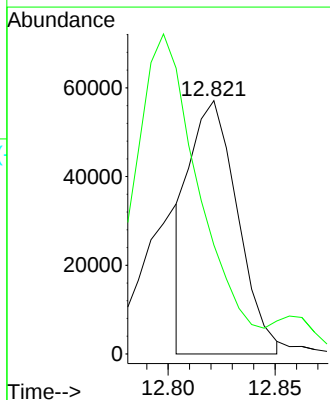
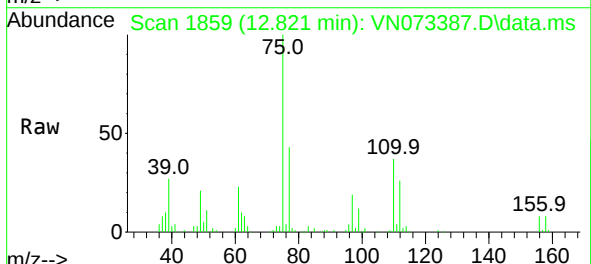
Manual Integrations
APPROVED

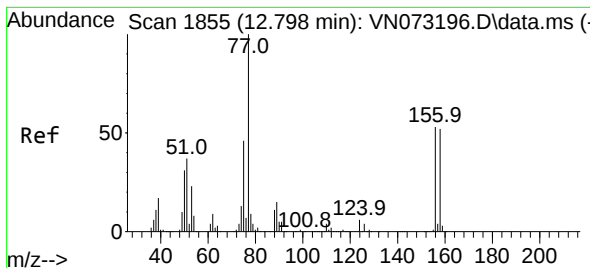
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#76
1,2,3-Trichloropropane
Concen: 20.753 ug/l m
RT: 12.821 min Scan# 1859
Delta R.T. 0.005 min
Lab File: VN073387.D
Acq: 08 Jul 2022 12:50

Tgt Ion: 75 Resp: 89109
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5#





#77

Bromobenzene

Concen: 20.016 ug/l

RT: 12.798 min Scan# 1855

Delta R.T. -0.000 min

Lab File: VN073387.D

Acq: 08 Jul 2022 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0708WBSD01

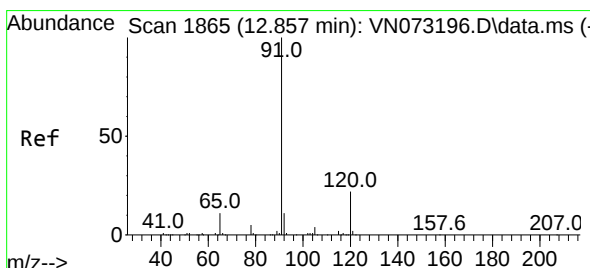
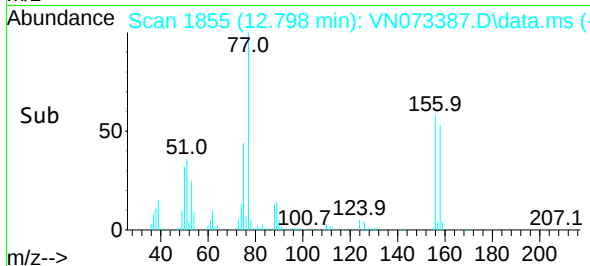
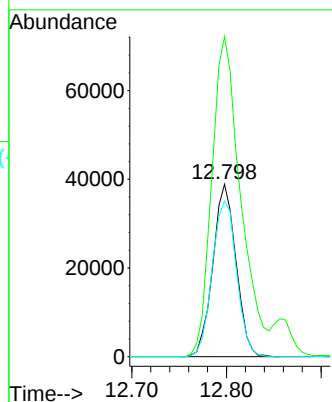
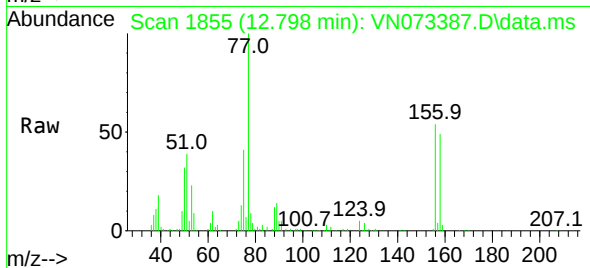
Tgt Ion:	156	Resp:	65989
Ion Ratio	Lower	Upper	
156	100		
77	231.9	100.5	301.5
158	94.9	48.9	146.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#78

n-propylbenzene

Concen: 20.407 ug/l

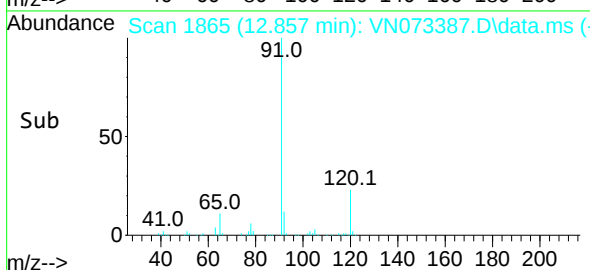
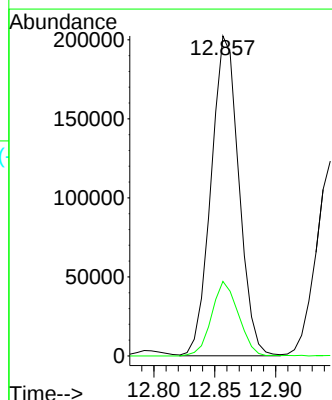
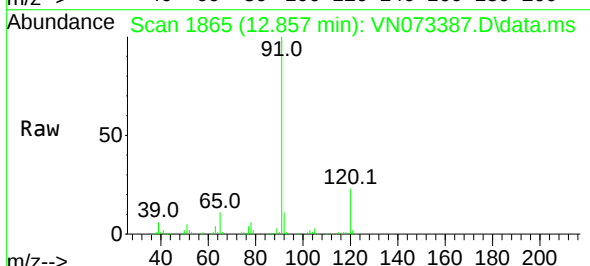
RT: 12.857 min Scan# 1865

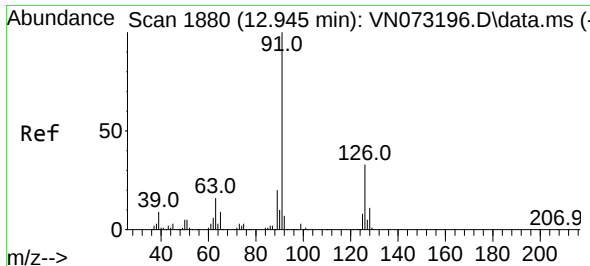
Delta R.T. -0.000 min

Lab File: VN073387.D

Acq: 08 Jul 2022 12:50

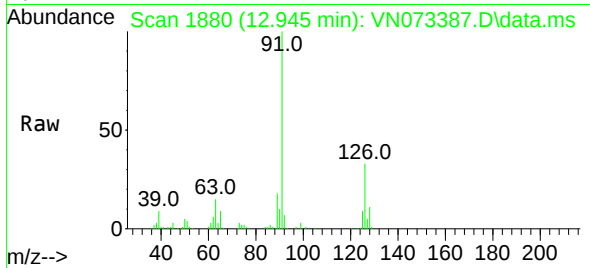
Tgt Ion:	91	Resp:	321472
Ion Ratio	Lower	Upper	
91	100		
120	22.6	11.9	35.5





#79
2-Chlorotoluene
Concen: 20.493 ug/l
RT: 12.945 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN073387.D
Acq: 08 Jul 2022 12:50

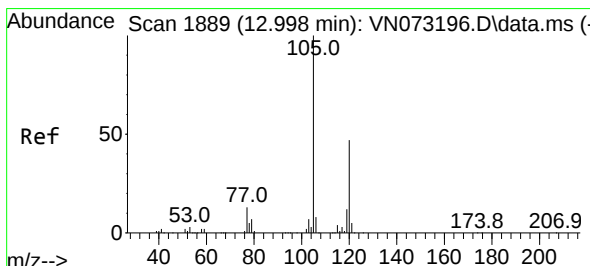
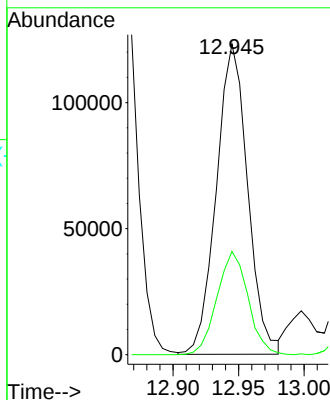
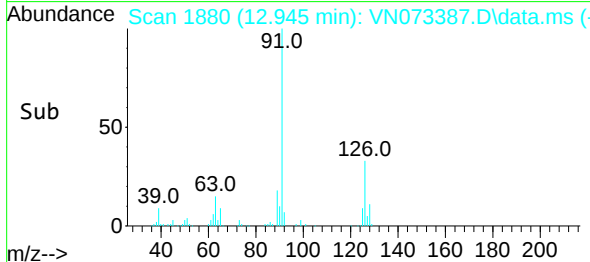
Instrument :
MSVOA_N
ClientSampleId :
VN0708WBSD01



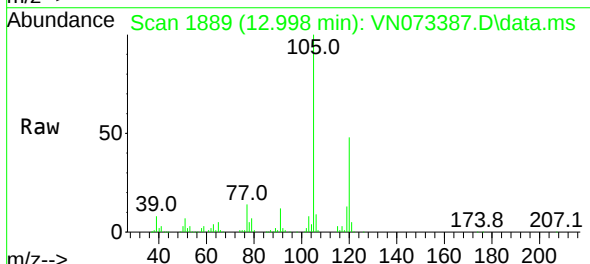
Tgt Ion: 91 Resp: 204324
Ion Ratio Lower Upper
91 100
126 32.9 17.3 51.9

Manual Integrations
APPROVED

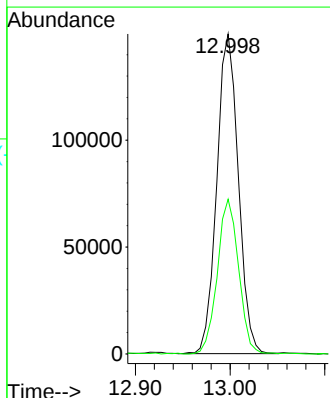
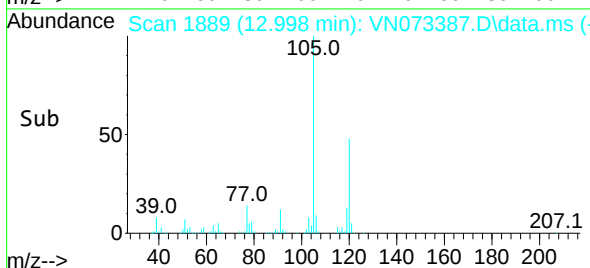
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#80
1,3,5-Trimethylbenzene
Concen: 20.418 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN073387.D
Acq: 08 Jul 2022 12:50



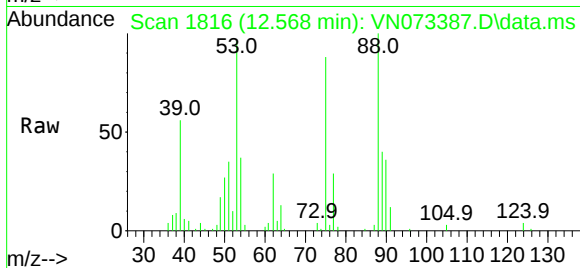
Tgt Ion:105 Resp: 235987
Ion Ratio Lower Upper
105 100
120 47.9 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 19.957 ug/l
RT: 12.568 min Scan# 1815
Delta R.T. 0.005 min
Lab File: VN073387.D
Acq: 08 Jul 2022 12:50

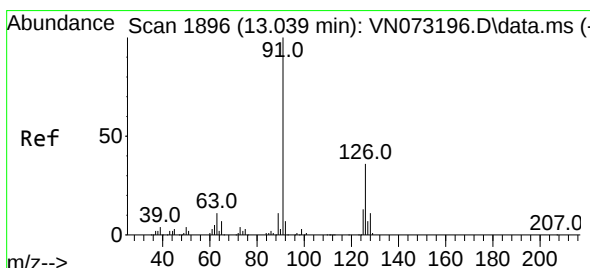
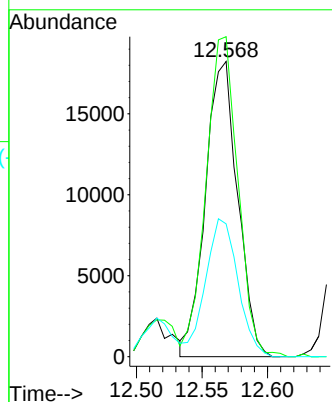
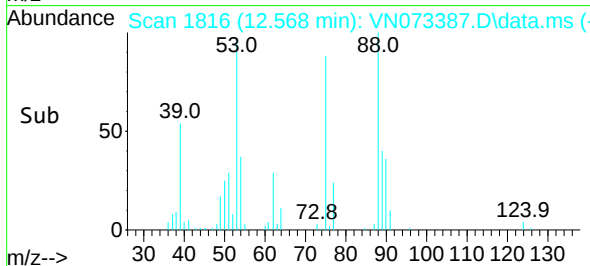
Instrument :
MSVOA_N
ClientSampleId :
VN0708WBSD01



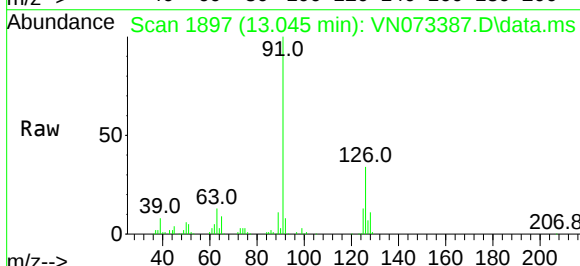
Tgt Ion: 75 Resp: 31240
Ion Ratio Lower Upper
75 100
53 107.0 78.0 117.0
89 47.2 37.2 55.8

Manual Integrations
APPROVED

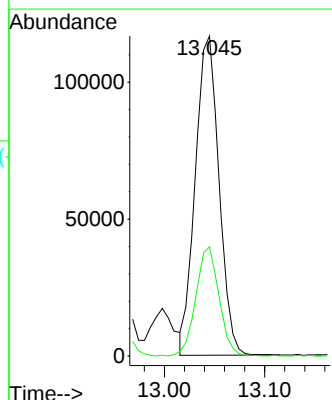
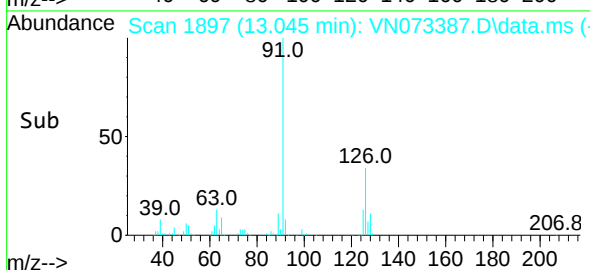
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#82
4-Chlorotoluene
Concen: 19.826 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.006 min
Lab File: VN073387.D
Acq: 08 Jul 2022 12:50



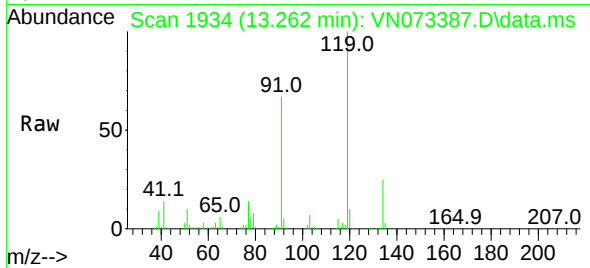
Tgt Ion: 91 Resp: 191367
Ion Ratio Lower Upper
91 100
126 33.5 17.2 51.6





#83
tert-Butylbenzene
Concen: 20.251 ug/l
RT: 13.262 min Scan# 1933
Delta R.T. 0.005 min
Lab File: VN073387.D
Acq: 08 Jul 2022 12:50

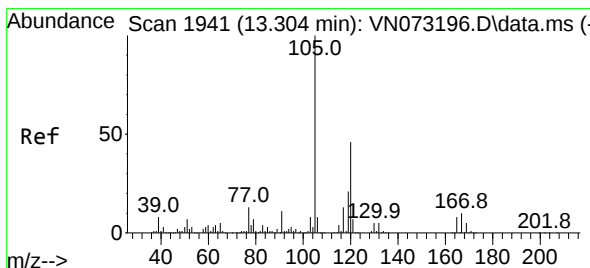
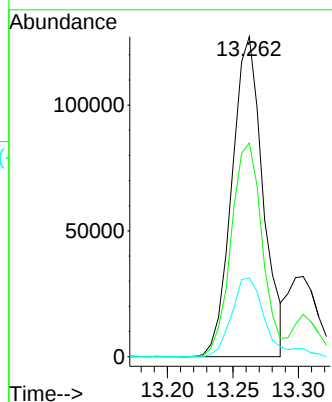
Instrument :
MSVOA_N
ClientSampleId :
VN0708WBSD01



Tgt Ion:119 Resp: 209830
Ion Ratio Lower Upper
119 100
91 66.5 31.6 94.8
134 26.9 13.7 41.1

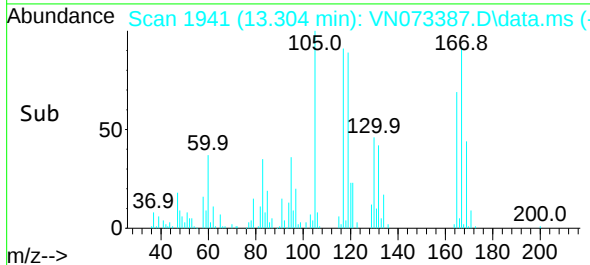
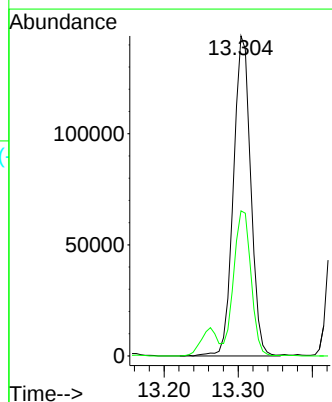
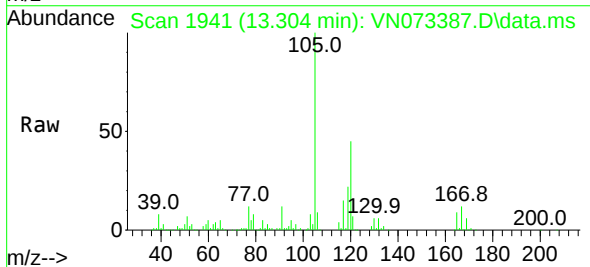
Manual Integrations
APPROVED

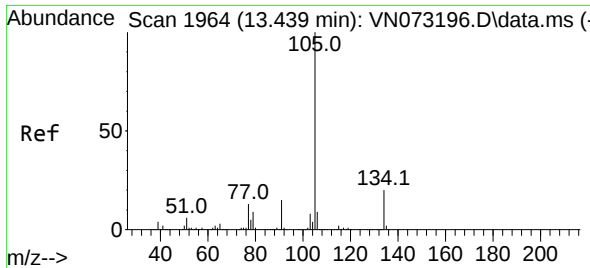
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#84
1,2,4-Trimethylbenzene
Concen: 20.241 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VN073387.D
Acq: 08 Jul 2022 12:50

Tgt Ion:105 Resp: 233574
Ion Ratio Lower Upper
105 100
120 45.6 23.3 69.8





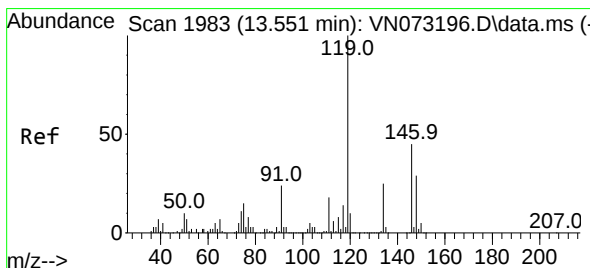
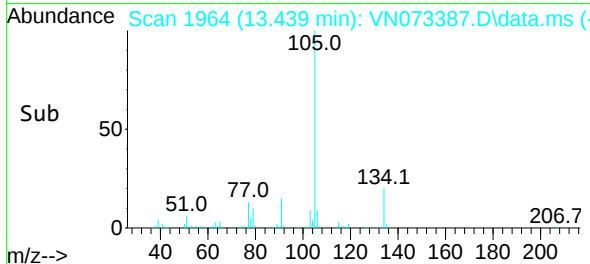
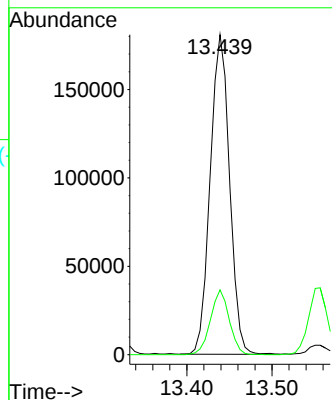
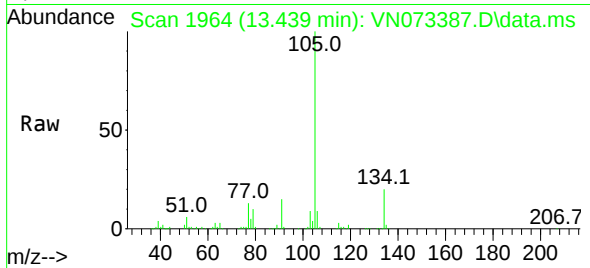
#85
 sec-Butylbenzene
 Concen: 20.495 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. -0.000 min
 Lab File: VN073387.D
 Acq: 08 Jul 2022 12:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0708WBSD01

Tgt Ion:105 Resp: 28517
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.4 31.1

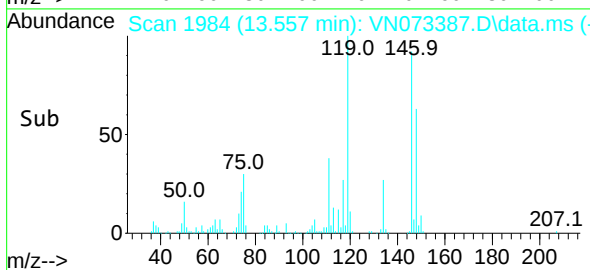
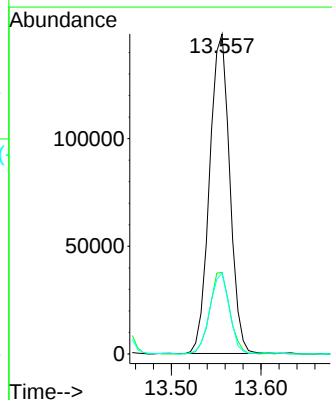
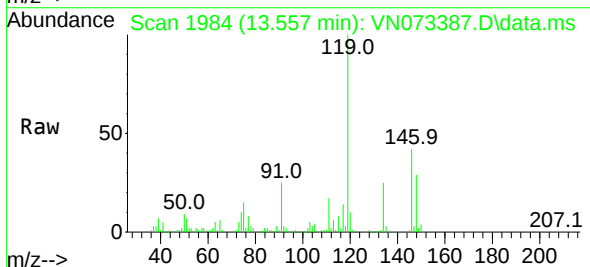
Manual Integrations
 APPROVED

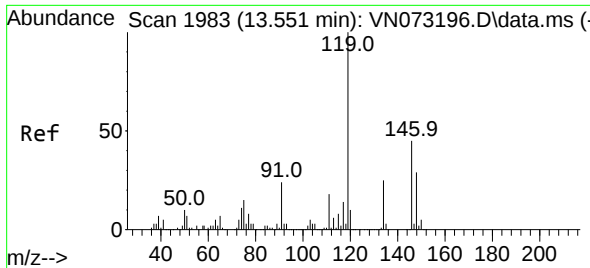
Reviewed By :John Carlone 07/11/2022
 Supervised By :Mahesh Dadoda 07/11/2022



#86
 p-Isopropyltoluene
 Concen: 20.644 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. 0.006 min
 Lab File: VN073387.D
 Acq: 08 Jul 2022 12:50

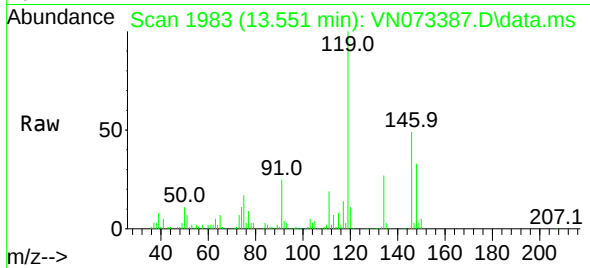
Tgt Ion:119 Resp: 232034
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.3 39.8
 91 24.7 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 19.685 ug/l
RT: 13.551 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VN073387.D
Acq: 08 Jul 2022 12:50

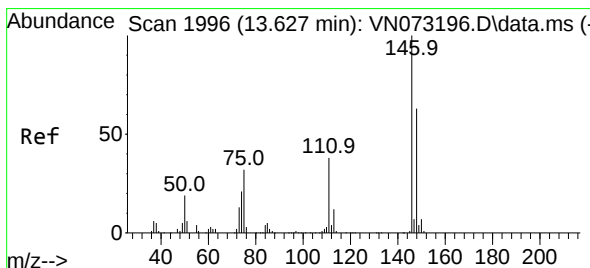
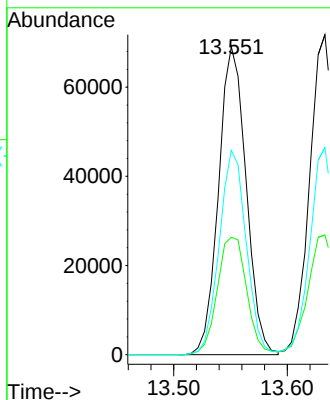
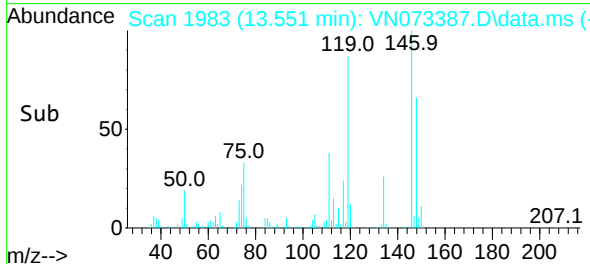
Instrument :
MSVOA_N
ClientSampleId :
VN0708WBSD01



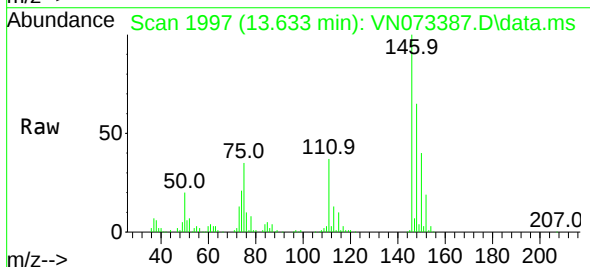
Tgt Ion:146 Resp: 11642
Ion Ratio Lower Upper
146 100
111 40.8 20.0 60.0
148 65.1 32.0 96.0

Manual Integrations
APPROVED

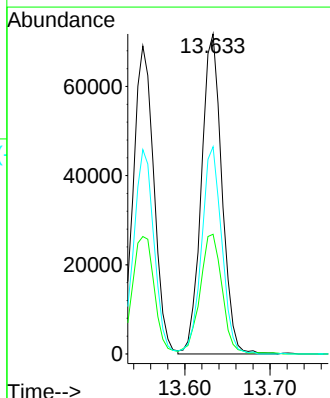
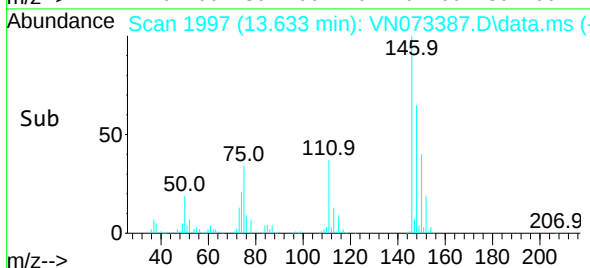
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#88
1,4-Dichlorobenzene
Concen: 20.243 ug/l
RT: 13.633 min Scan# 1997
Delta R.T. 0.006 min
Lab File: VN073387.D
Acq: 08 Jul 2022 12:50



Tgt Ion:146 Resp: 119961
Ion Ratio Lower Upper
146 100
111 39.3 19.1 57.1
148 63.6 31.4 94.3





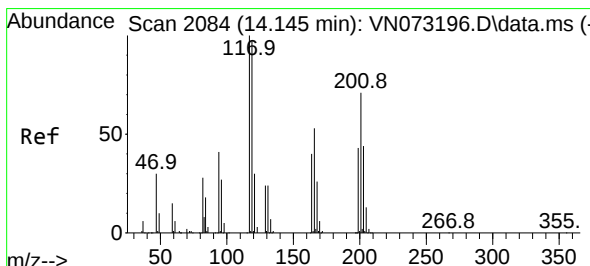
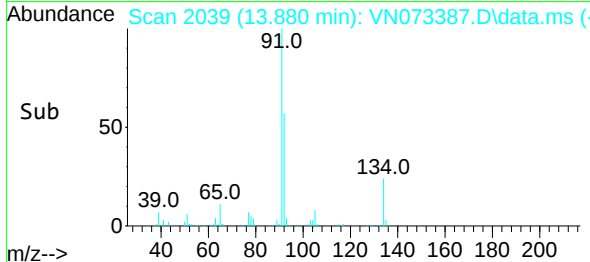
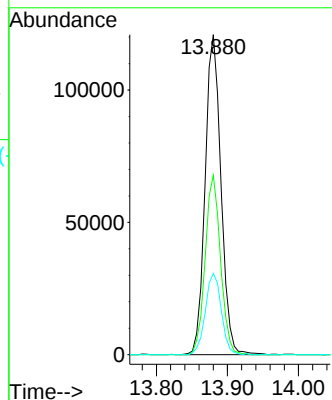
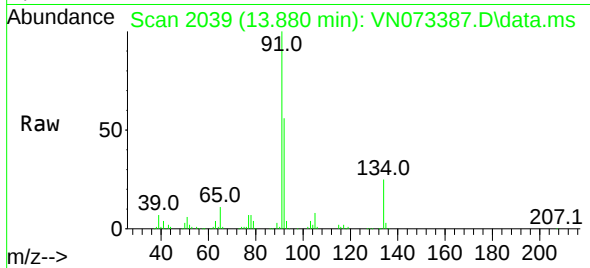
#89
n-Butylbenzene
Concen: 20.063 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN073387.D
Acq: 08 Jul 2022 12:50

Instrument :
MSVOA_N
ClientSampleId :
VN0708WBSD01

Tgt Ion: 91 Resp: 18791
Ion Ratio Lower Upper
91 100
92 54.4 26.9 80.7
134 25.5 13.6 40.8

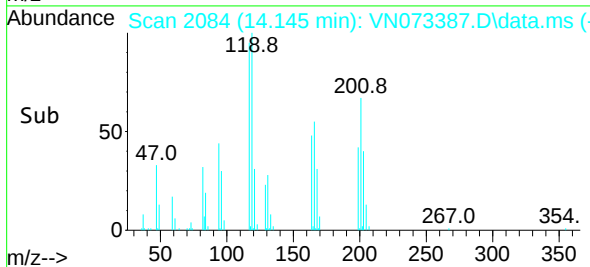
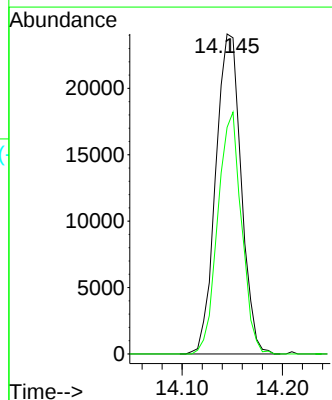
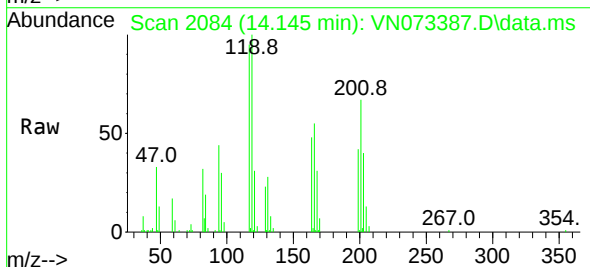
Manual Integrations
APPROVED

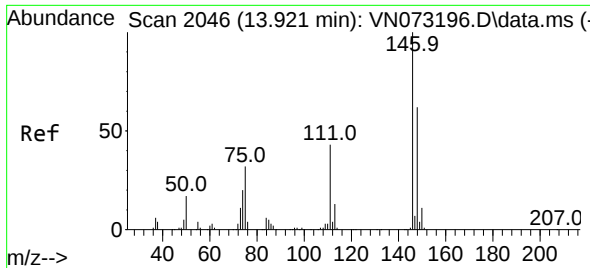
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#90
Hexachloroethane
Concen: 20.239 ug/l
RT: 14.145 min Scan# 2084
Delta R.T. -0.000 min
Lab File: VN073387.D
Acq: 08 Jul 2022 12:50

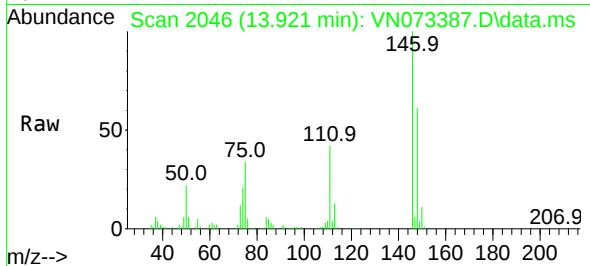
Tgt Ion:117 Resp: 42395
Ion Ratio Lower Upper
117 100
201 70.4 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 20.497 ug/l
RT: 13.921 min Scan# 2046
Delta R.T. 0.000 min
Lab File: VN073387.D
Acq: 08 Jul 2022 12:50

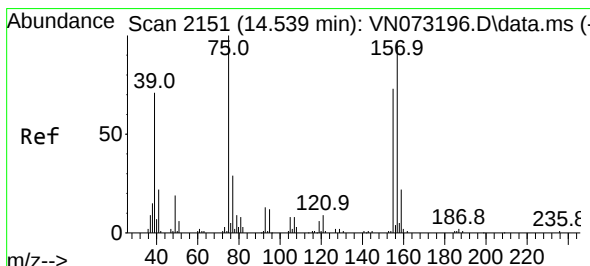
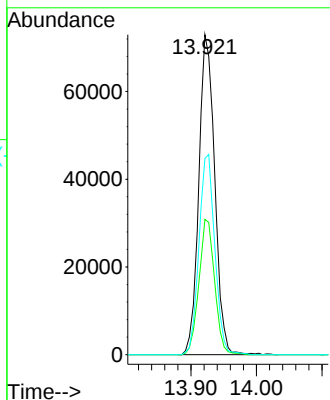
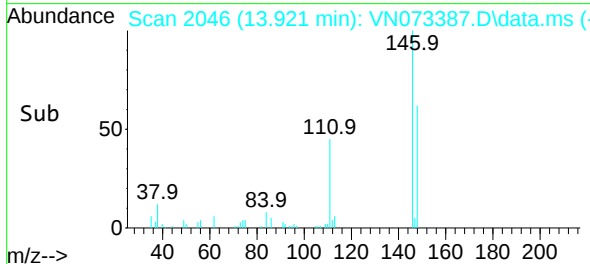
Instrument :
MSVOA_N
ClientSampleId :
VN0708WBSD01



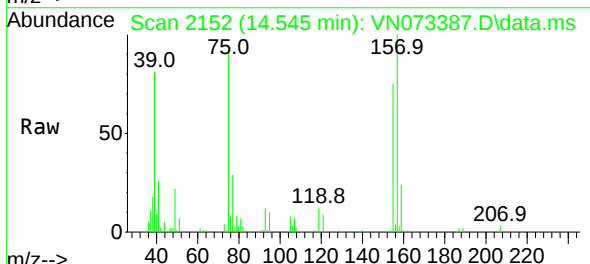
Tgt Ion:146 Resp: 123490
Ion Ratio Lower Upper
146 100
111 41.7 20.9 62.8
148 62.4 32.1 96.3

Manual Integrations
APPROVED

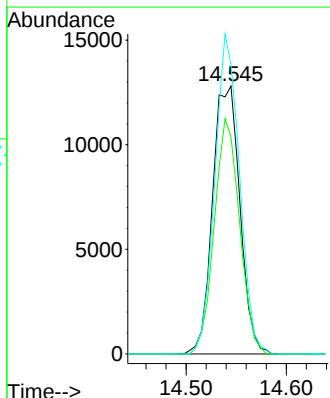
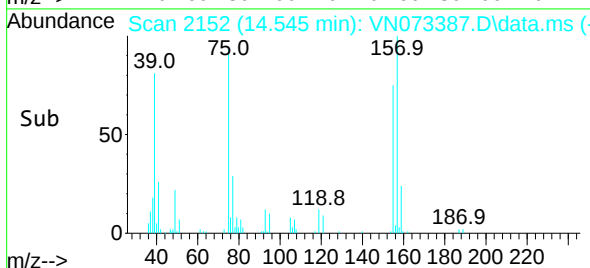
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.210 ug/l
RT: 14.545 min Scan# 2152
Delta R.T. 0.006 min
Lab File: VN073387.D
Acq: 08 Jul 2022 12:50



Tgt Ion: 75 Resp: 24258
Ion Ratio Lower Upper
75 100
155 81.2 44.9 134.5
157 107.5 59.0 176.8





#93

1,2,4-Trichlorobenzene

Concen: 19.755 ug/l

RT: 15.192 min Scan# 2262

Delta R.T. -0.000 min

Lab File: VN073387.D

Acq: 08 Jul 2022 12:50

Instrument :

MSVOA_N

ClientSampleId :

VN0708WBSD01

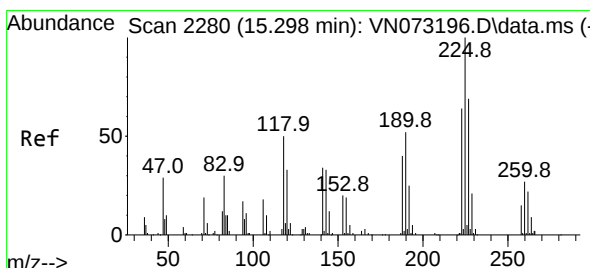
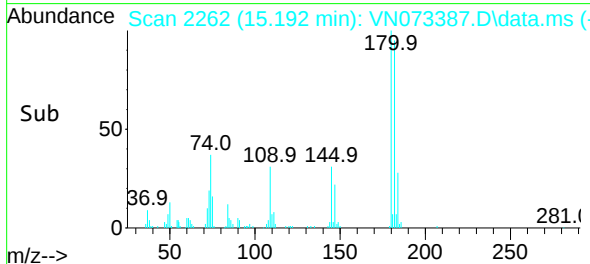
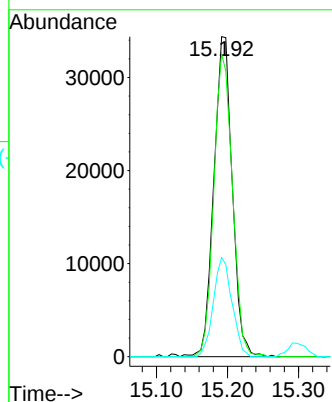
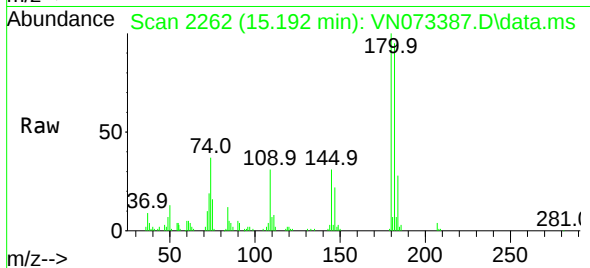
Tgt Ion:	180	Resp:	61974
Ion Ratio	Lower	Upper	
180	100		
182	95.4	47.5	142.5
145	31.3	14.5	43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#94

Hexachlorobutadiene

Concen: 19.942 ug/l

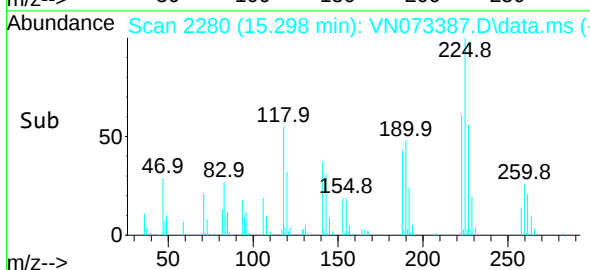
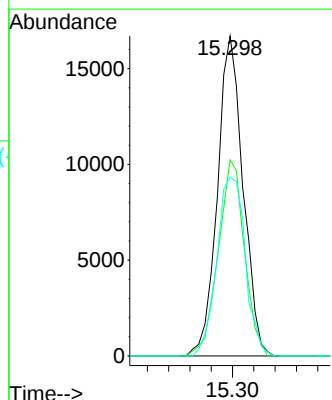
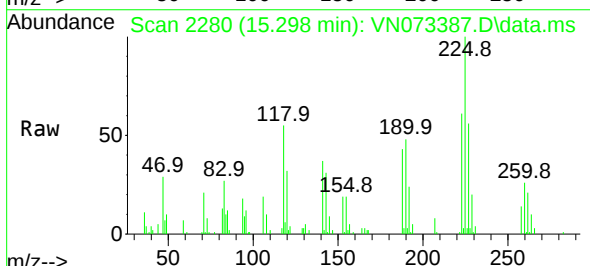
RT: 15.298 min Scan# 2280

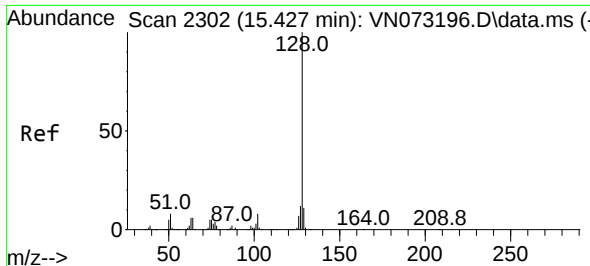
Delta R.T. -0.000 min

Lab File: VN073387.D

Acq: 08 Jul 2022 12:50

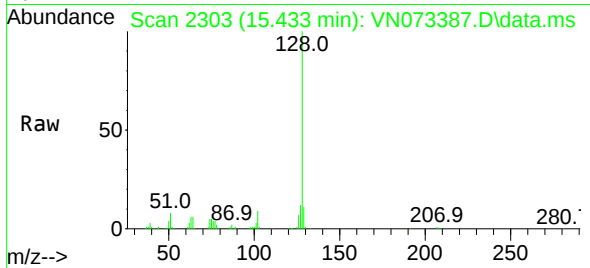
Tgt Ion:	225	Resp:	27811
Ion Ratio	Lower	Upper	
225	100		
223	62.7	32.4	97.2
227	62.1	31.8	95.4





#95
Naphthalene
Concen: 19.532 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. 0.006 min
Lab File: VN073387.D
Acq: 08 Jul 2022 12:50

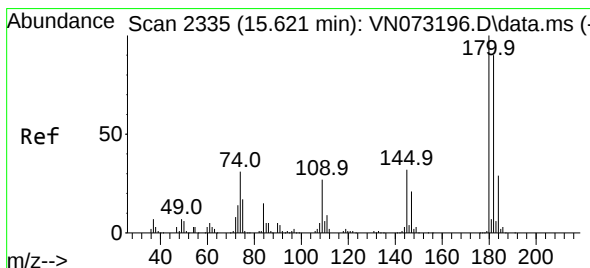
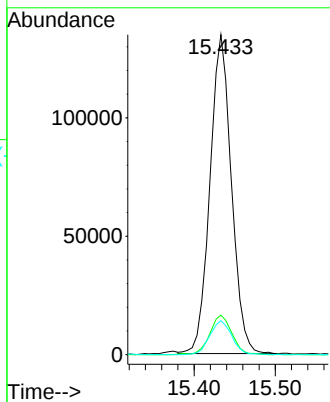
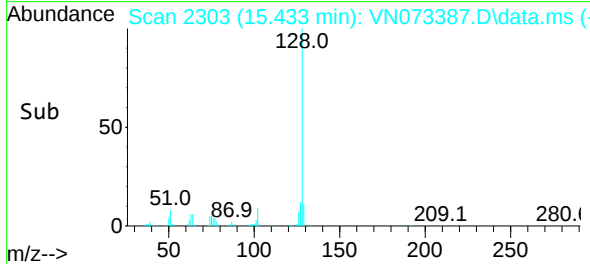
Instrument :
MSVOA_N
ClientSampleId :
VN0708WBSD01



Tgt Ion:128 Resp: 24719
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#96
1,2,3-Trichlorobenzene
Concen: 20.014 ug/l
RT: 15.621 min Scan# 2335
Delta R.T. 0.000 min
Lab File: VN073387.D
Acq: 08 Jul 2022 12:50

Tgt Ion:180 Resp: 64769
Ion Ratio Lower Upper
180 100
182 93.3 47.8 143.3
145 34.4 15.5 46.5

