

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071422\
 Data File : VN073462.D
 Acq On : 14 Jul 2022 15:49
 Operator : JC\MD
 Sample : VN0714WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0714WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/15/2022
 Supervised By : Mahesh Dadoda 07/15/2022

Quant Time: Jul 15 02:01:55 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	199252	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	340865	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.681	117	312216	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	147395	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	156581	54.436	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.880%			
35) Dibromofluoromethane	7.951	113	121995	53.794	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.580%			
50) Toluene-d8	10.381	98	402288	49.945	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.900%			
62) 4-Bromofluorobenzene	12.669	95	162666	52.552	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.100%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	50012	17.168	ug/l	98
3) Chloromethane	2.263	50	47979	16.965	ug/l	97
4) Vinyl Chloride	2.405	62	40829	16.991	ug/l	94
5) Bromomethane	2.799	94	23823	20.990	ug/l	87
6) Chloroethane	2.963	64	28084	19.867	ug/l	99
7) Trichlorofluoromethane	3.310	101	74458	17.923	ug/l	92
8) Diethyl Ether	3.763	74	35303	20.875	ug/l	76
9) 1,1,2-Trichlorotrifluo...	4.146	101	46883	19.099	ug/l	98
10) Methyl Iodide	4.340	142	44925	16.406	ug/l	94
11) Tert butyl alcohol	5.299	59	82324	118.146	ug/l #	86
12) 1,1-Dichloroethene	4.116	96	42372	18.065	ug/l	92
13) Acrolein	3.987	56	22165	50.327	ug/l	93
14) Allyl chloride	4.757	41	98179	19.869	ug/l #	91
15) Acrylonitrile	5.475	53	217162	121.066	ug/l	99
16) Acetone	4.222	43	196914	121.960	ug/l	98
17) Carbon Disulfide	4.452	76	92561	15.219	ug/l	96
18) Methyl Acetate	4.775	43	117772	26.029	ug/l	91
19) Methyl tert-butyl Ether	5.528	73	184365	21.566	ug/l	98
20) Methylene Chloride	5.010	84	54996	19.382	ug/l	91
21) trans-1,2-Dichloroethene	5.510	96	46062	18.794	ug/l	94
22) Diisopropyl ether	6.410	45	208459	22.608	ug/l #	96
23) Vinyl Acetate	6.351	43	895442	108.467	ug/l #	91
24) 1,1-Dichloroethane	6.298	63	97770	20.490	ug/l	99
25) 2-Butanone	7.263	43	320642	124.735	ug/l #	88
26) 2,2-Dichloropropane	7.245	77	76953	17.437	ug/l	99
27) cis-1,2-Dichloroethene	7.251	96	59319	19.986	ug/l	95
28) Bromochloromethane	7.581	49	46662	23.350	ug/l #	81
29) Tetrahydrofuran	7.610	42	213571	121.337	ug/l #	85
30) Chloroform	7.751	83	100938	21.003	ug/l	99
31) Cyclohexane	8.016	56	85725	18.197	ug/l	85
32) 1,1,1-Trichloroethane	7.940	97	83388	19.470	ug/l	98
36) 1,1-Dichloropropene	8.145	75	66003	18.915	ug/l	98
37) Ethyl Acetate	7.334	43	120504	22.855	ug/l	95
38) Carbon Tetrachloride	8.134	117	67456	18.693	ug/l	96
39) Methylcyclohexane	9.392	83	77740	17.894	ug/l	94
40) Benzene	8.387	78	217510	20.198	ug/l	98

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Quant Time: Jul 15 02:01:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 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	55857	21.844	ug/l	92
42) 1,2-Dichloroethane	8.463	62	85405	21.878	ug/l	99
43) Isopropyl Acetate	8.492	43	173851	22.943	ug/l #	92
44) Trichloroethene	9.151	130	51247	18.700	ug/l	91
45) 1,2-Dichloropropane	9.428	63	59014	21.500	ug/l	92
46) Dibromomethane	9.510	93	40253	21.598	ug/l	88
47) Bromodichloromethane	9.698	83	78140	21.647	ug/l	97
48) Methyl methacrylate	9.498	41	77832	22.184	ug/l	88
49) 1,4-Dioxane	9.504	88	33254	499.273	ug/l #	89
51) 4-Methyl-2-Pentanone	10.269	43	606351	126.182	ug/l	89
52) Toluene	10.439	92	132788	19.952	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	81438	20.494	ug/l	97
54) cis-1,3-Dichloropropene	10.128	75	88560	20.643	ug/l #	91
55) 1,1,2-Trichloroethane	10.839	97	59490	21.713	ug/l	98
56) Ethyl methacrylate	10.698	69	93745	21.168	ug/l #	83
57) 1,3-Dichloropropane	10.981	76	102457	21.814	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.981	63	219508	111.141	ug/l	94
59) 2-Hexanone	11.028	43	459421	125.423	ug/l	88
60) Dibromochloromethane	11.175	129	57215	21.902	ug/l	99
61) 1,2-Dibromoethane	11.286	107	57496	21.009	ug/l	99
64) Tetrachloroethene	10.910	164	46903	18.397	ug/l	95
65) Chlorobenzene	11.710	112	138015	19.546	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.781	131	53349	20.541	ug/l	96
67) Ethyl Benzene	11.786	91	246578	19.235	ug/l	100
68) m/p-Xylenes	11.892	106	190060	39.285	ug/l	97
69) o-Xylene	12.222	106	96564	19.552	ug/l	99
70) Styrene	12.233	104	153455	20.124	ug/l	98
71) Bromoform	12.398	173	40355	21.234	ug/l #	98
73) Isopropylbenzene	12.516	105	246991	19.405	ug/l	97
74) N-amyl acetate	12.328	43	129004	20.241	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.769	83	91947	21.769	ug/l	100
76) 1,2,3-Trichloropropane	12.822	75	67922m	17.623	ug/l	
77) Bromobenzene	12.798	156	56136	18.969	ug/l	81
78) n-propylbenzene	12.857	91	285244	20.173	ug/l	97
79) 2-Chlorotoluene	12.945	91	177554	19.840	ug/l	97
80) 1,3,5-Trimethylbenzene	12.998	105	207710	20.021	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.569	75	28317	20.150	ug/l	91
82) 4-Chlorotoluene	13.045	91	166257	19.189	ug/l	97
83) tert-Butylbenzene	13.263	119	179374	19.286	ug/l	94
84) 1,2,4-Trimethylbenzene	13.310	105	202889	19.588	ug/l	97
85) sec-Butylbenzene	13.439	105	250133	20.028	ug/l	97
86) p-Isopropyltoluene	13.551	119	201753	19.998	ug/l	97
87) 1,3-Dichlorobenzene	13.551	146	105007	19.779	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	100846	18.959	ug/l	96
89) n-Butylbenzene	13.880	91	163767	19.480	ug/l	97
90) Hexachloroethane	14.145	117	36635	19.485	ug/l	81
91) 1,2-Dichlorobenzene	13.927	146	106297	19.655	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.539	75	22899	22.306	ug/l	80
93) 1,2,4-Trichlorobenzene	15.192	180	54124	19.221	ug/l	98
94) Hexachlorobutadiene	15.298	225	24357	19.458	ug/l	99
95) Naphthalene	15.433	128	217474	19.144	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	57440	19.774	ug/l	99

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 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

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

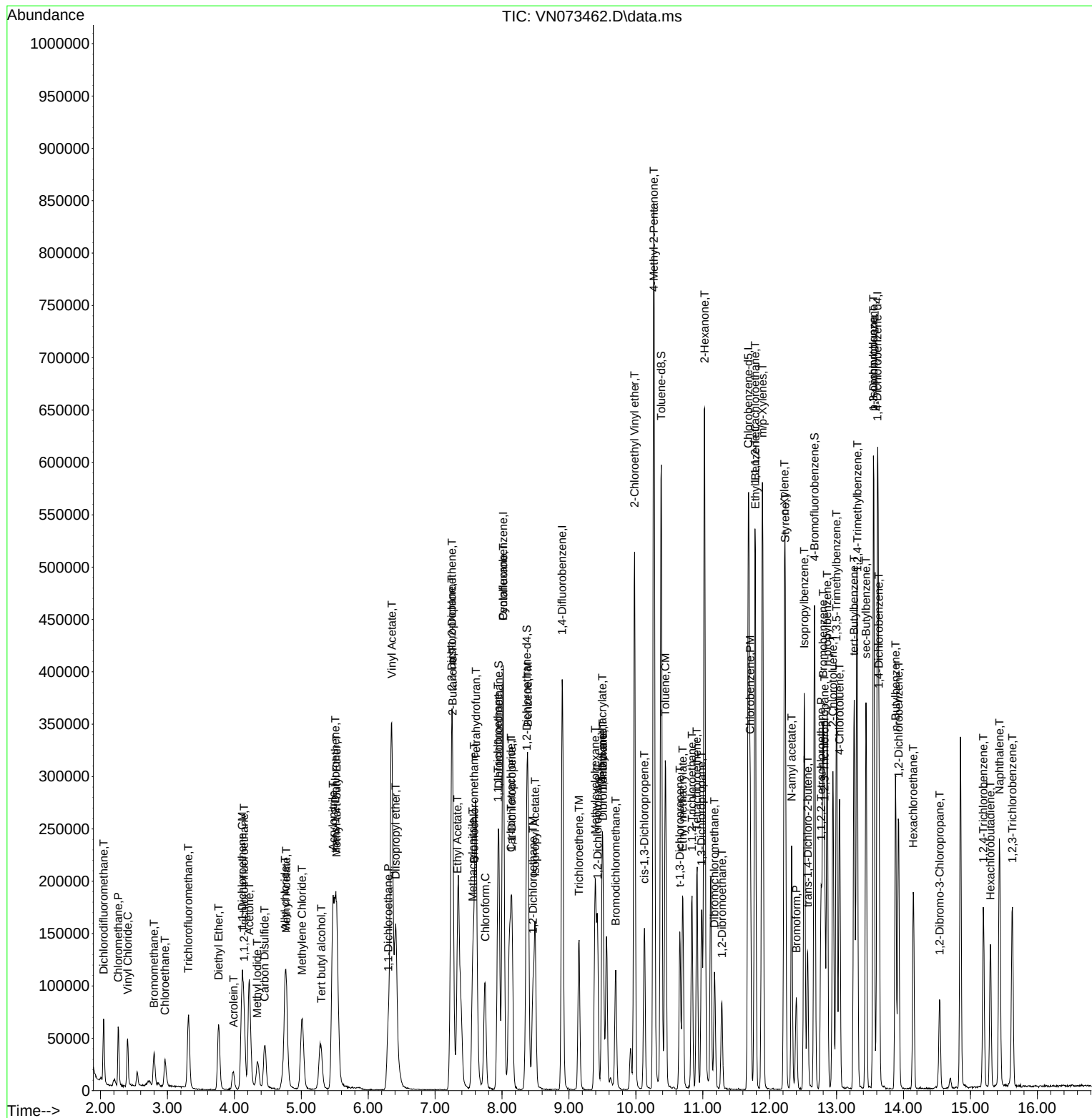
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071422\
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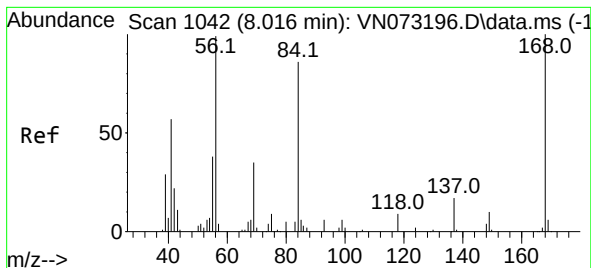
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Manual Integrations APPROVED

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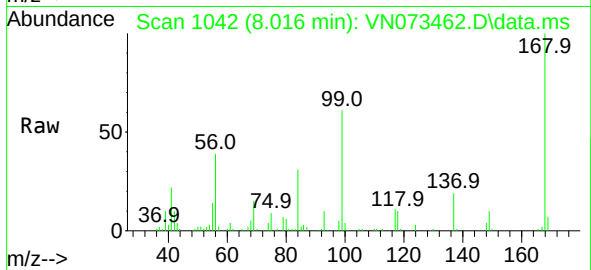
Quant Time: Jul 15 02:01:55 2022
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VN073462.D
Acq: 14 Jul 2022 15:49

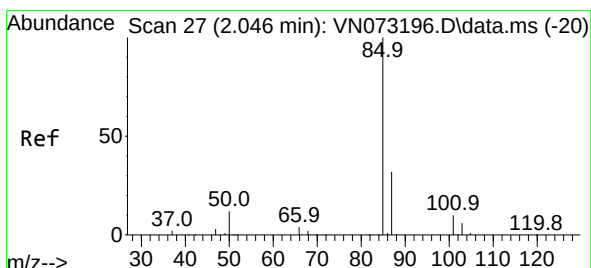
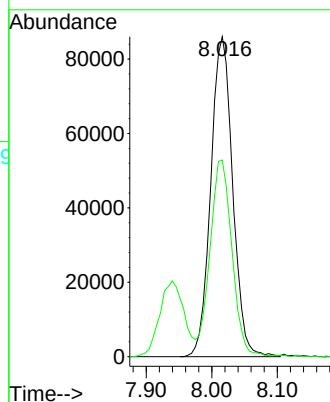
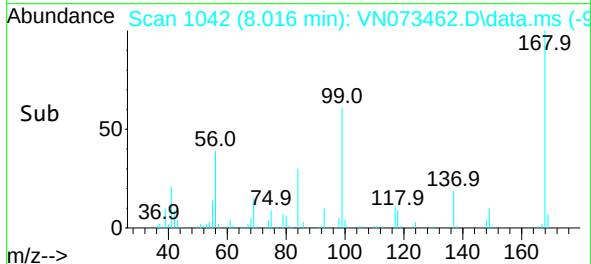
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:168 Resp: 19925
Ion Ratio Lower Upper
168 100
99 61.0 42.3 63.5

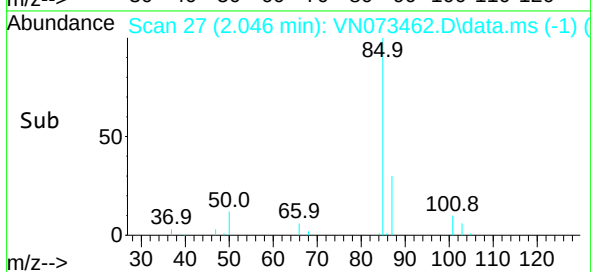
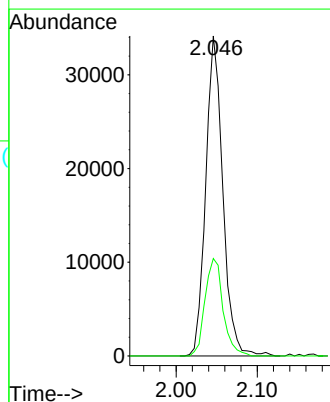
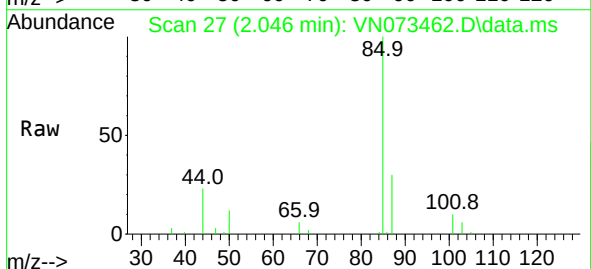
Manual Integrations
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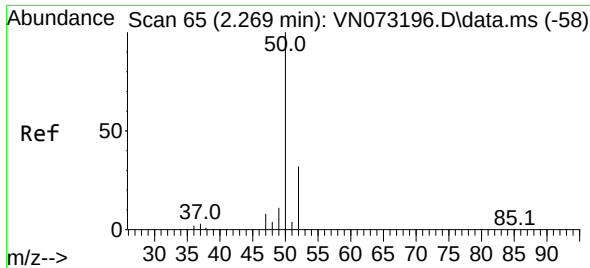
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#2
Dichlorodifluoromethane
Concen: 17.168 ug/l
RT: 2.046 min Scan# 27
Delta R.T. -0.000 min
Lab File: VN073462.D
Acq: 14 Jul 2022 15:49

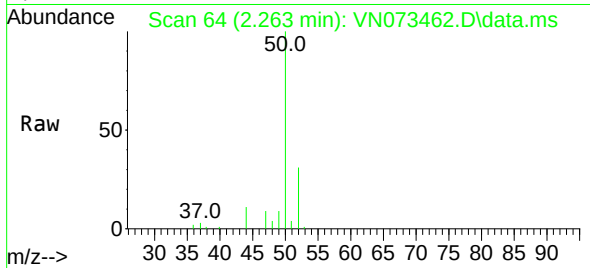
Tgt Ion: 85 Resp: 50012
Ion Ratio Lower Upper
85 100
87 30.5 15.7 47.1





#3
Chloromethane
Concen: 16.965 ug/l
RT: 2.263 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN073462.D
Acq: 14 Jul 2022 15:49

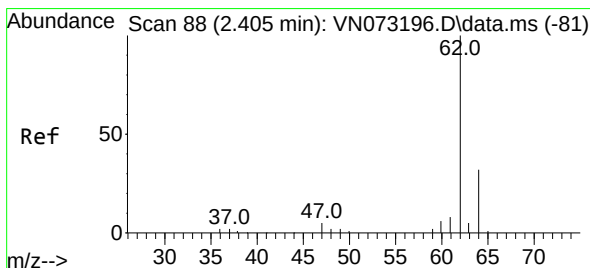
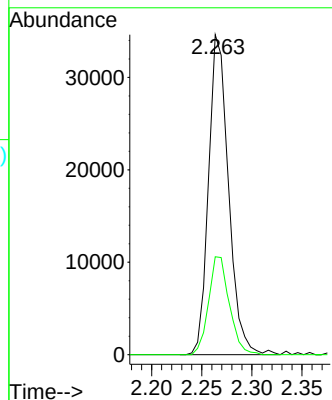
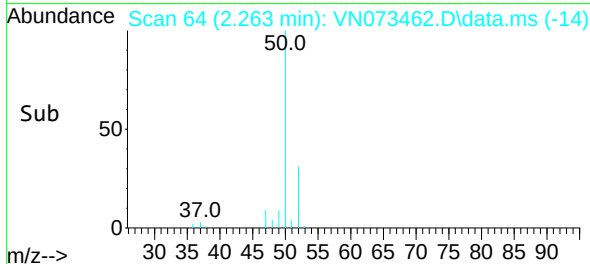
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD02



Tgt Ion: 50 Resp: 47979
Ion Ratio Lower Upper
50 100
52 30.6 25.7 38.5

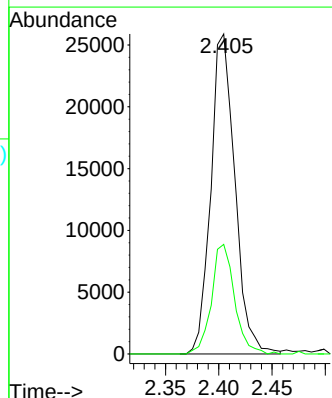
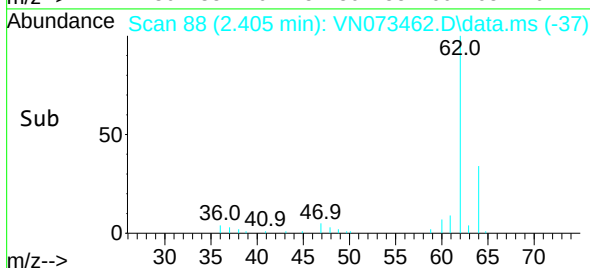
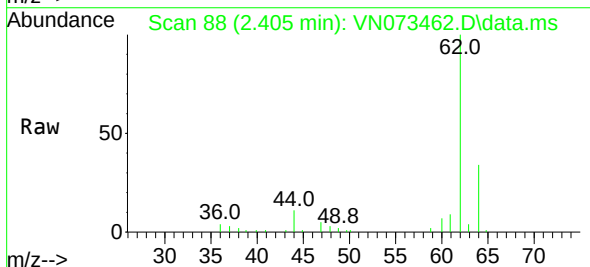
Manual Integrations
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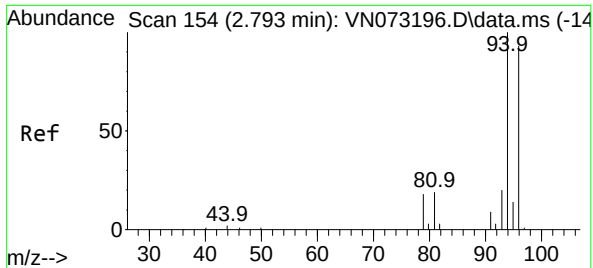
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#4
Vinyl Chloride
Concen: 16.991 ug/l
RT: 2.405 min Scan# 88
Delta R.T. -0.000 min
Lab File: VN073462.D
Acq: 14 Jul 2022 15:49

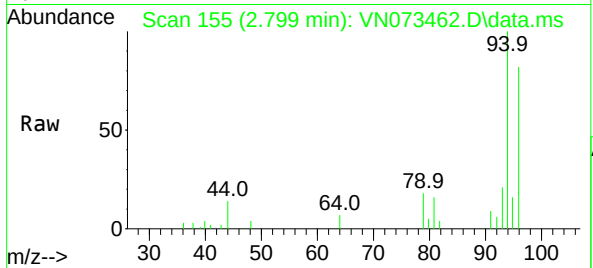
Tgt Ion: 62 Resp: 40829
Ion Ratio Lower Upper
62 100
64 34.3 25.0 37.4





#5
Bromomethane
Concen: 20.990 ug/l
RT: 2.799 min Scan# 154
Delta R.T. 0.006 min
Lab File: VN073462.D
Acq: 14 Jul 2022 15:49

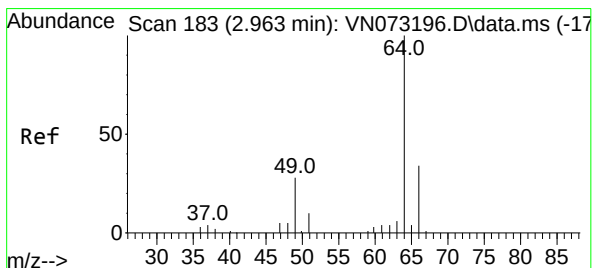
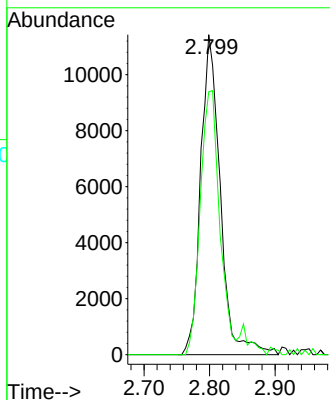
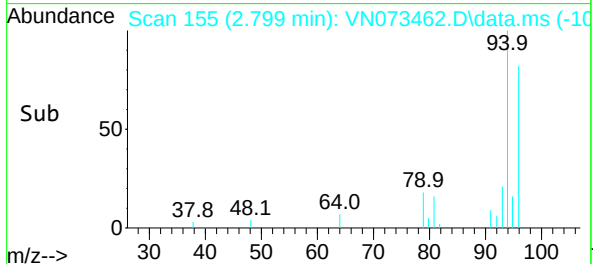
Instrument :
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Tgt Ion: 94 Resp: 2382
Ion Ratio Lower Upper
94 100
96 82.2 76.0 114.0

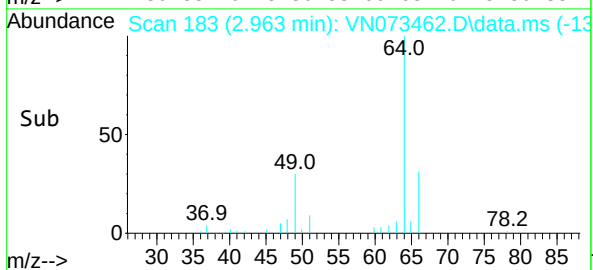
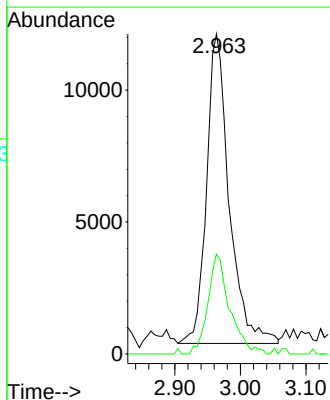
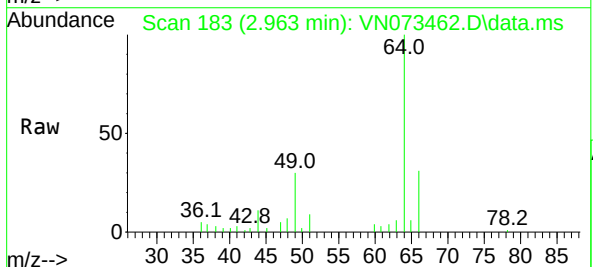
Manual Integrations
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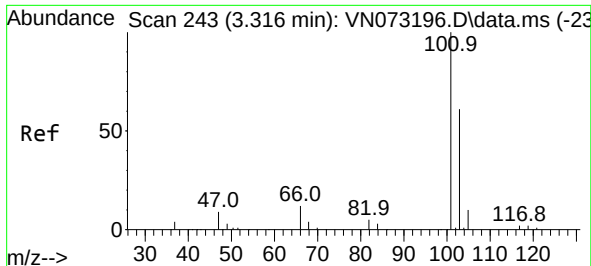
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#6
Chloroethane
Concen: 19.867 ug/l
RT: 2.963 min Scan# 183
Delta R.T. 0.000 min
Lab File: VN073462.D
Acq: 14 Jul 2022 15:49

Tgt Ion: 64 Resp: 28084
Ion Ratio Lower Upper
64 100
66 32.3 26.2 39.4





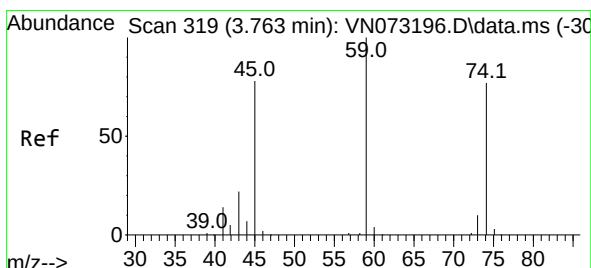
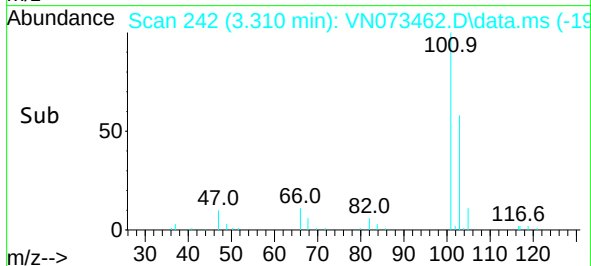
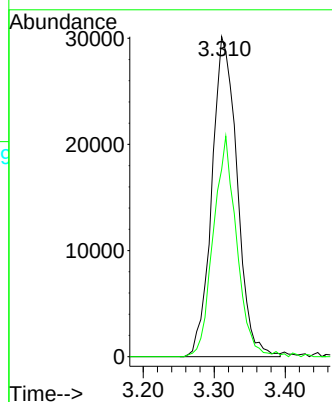
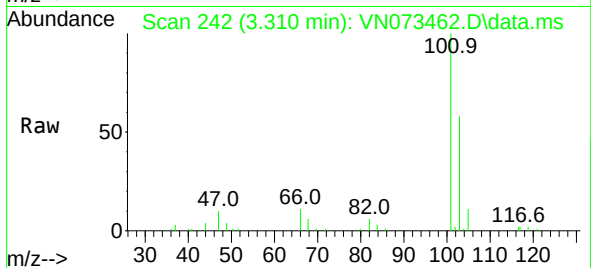
#7
Trichlorofluoromethane
Concen: 17.923 ug/l
RT: 3.310 min Scan# 243
Delta R.T. -0.006 min
Lab File: VN073462.D
Acq: 14 Jul 2022 15:49

Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD02

Tgt Ion:101 Resp: 74458
Ion Ratio Lower Upper
101 100
103 58.5 51.5 77.3

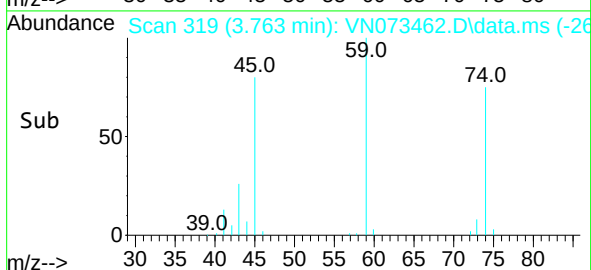
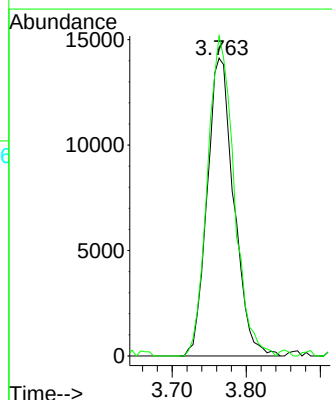
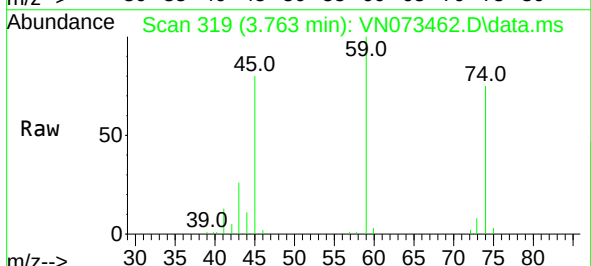
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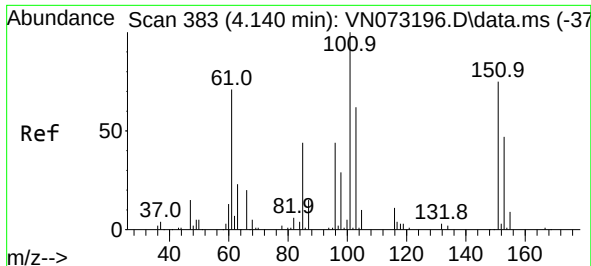
Reviewed By :John Carlone 07/15/2022
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#8
Diethyl Ether
Concen: 20.875 ug/l
RT: 3.763 min Scan# 319
Delta R.T. 0.000 min
Lab File: VN073462.D
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Tgt Ion: 74 Resp: 35303
Ion Ratio Lower Upper
74 100
45 107.6 42.9 128.5





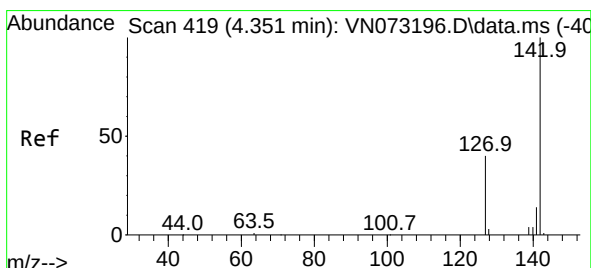
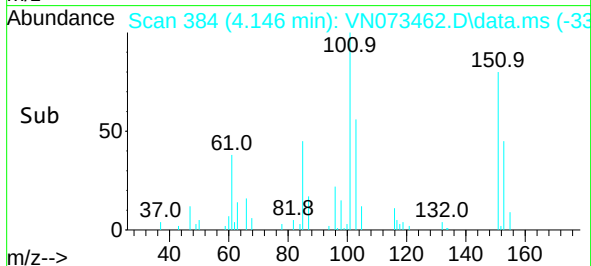
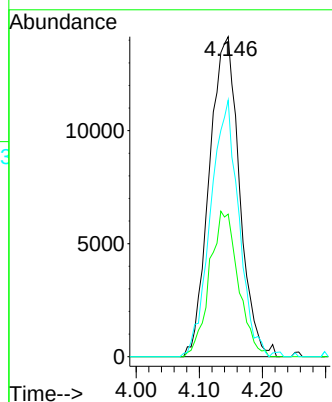
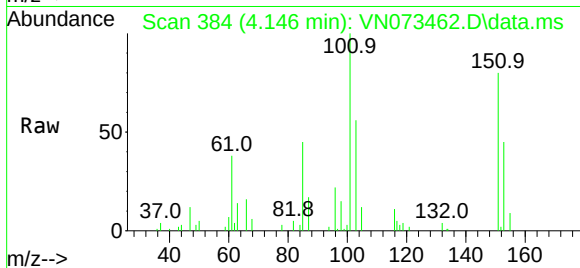
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.099 ug/l
RT: 4.146 min Scan# 384
Delta R.T. 0.006 min
Lab File: VN073462.D
Acq: 14 Jul 2022 15:49

Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD02

Tgt Ion:101 Resp: 4688
Ion Ratio Lower Upper
101 100
85 43.5 34.7 52.1
151 75.4 63.0 94.4

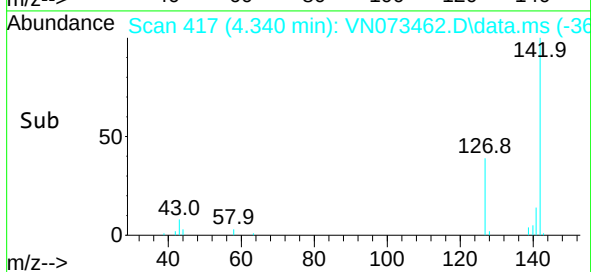
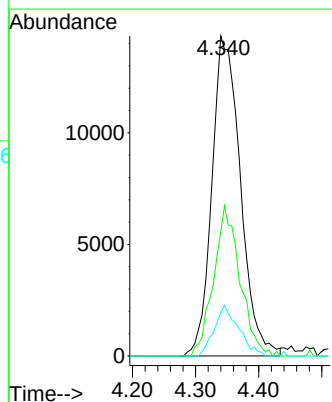
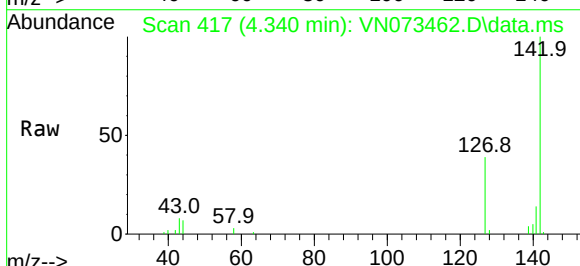
Manual Integrations
APPROVED

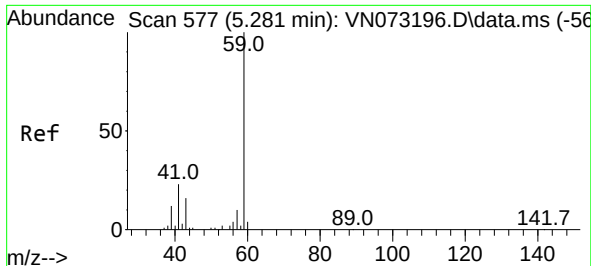
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#10
Methyl Iodide
Concen: 16.406 ug/l
RT: 4.340 min Scan# 417
Delta R.T. -0.011 min
Lab File: VN073462.D
Acq: 14 Jul 2022 15:49

Tgt Ion:142 Resp: 44925
Ion Ratio Lower Upper
142 100
127 43.5 31.3 46.9
141 13.5 11.2 16.8





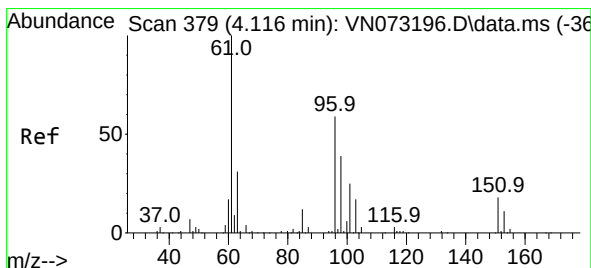
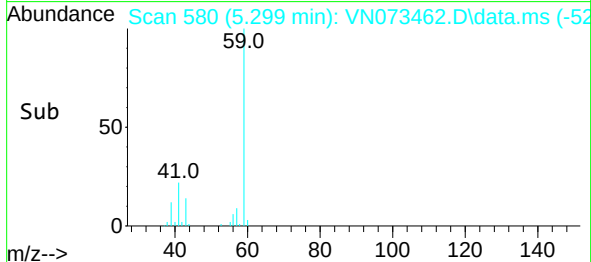
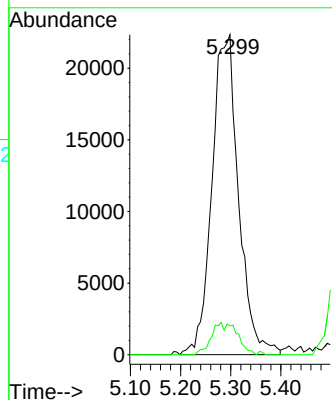
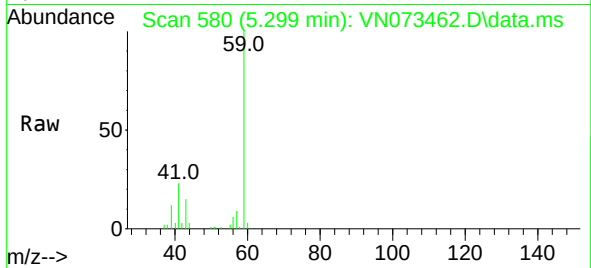
#11
Tert butyl alcohol
Concen: 118.146 ug/l
RT: 5.299 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN073462.D
Acq: 14 Jul 2022 15:49

Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD02

Tgt Ion: 59 Resp: 82324
Ion Ratio Lower Upper
59 100
57 5.0 8.3 12.5

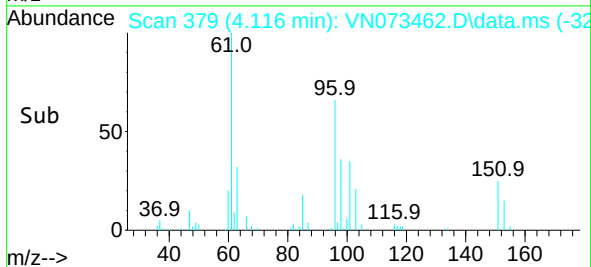
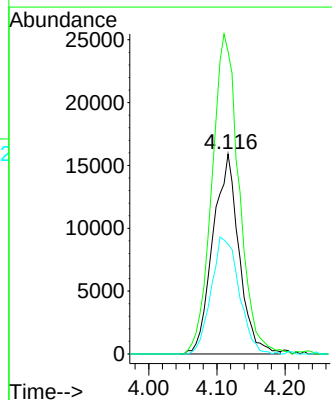
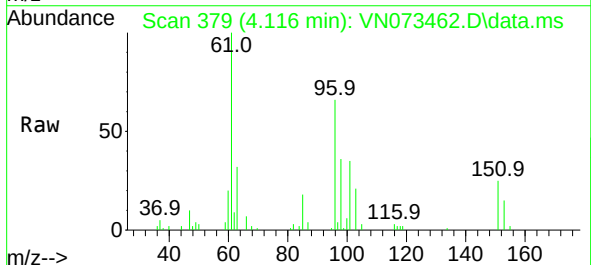
Manual Integrations
APPROVED

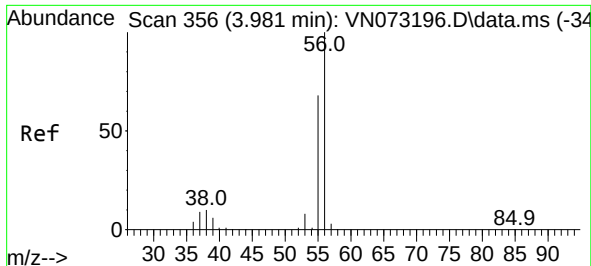
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#12
1,1-Dichloroethene
Concen: 18.065 ug/l
RT: 4.116 min Scan# 379
Delta R.T. 0.000 min
Lab File: VN073462.D
Acq: 14 Jul 2022 15:49

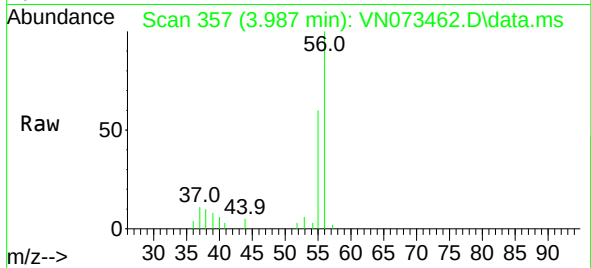
Tgt Ion: 96 Resp: 42372
Ion Ratio Lower Upper
96 100
61 151.3 127.6 191.4
98 54.9 51.2 76.8





#13
Acrolein
Concen: 50.327 ug/l
RT: 3.987 min Scan# 356
Delta R.T. 0.006 min
Lab File: VN073462.D
Acq: 14 Jul 2022 15:49

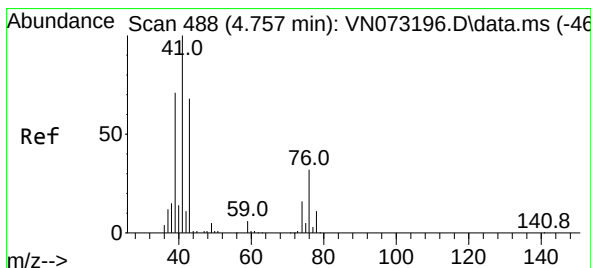
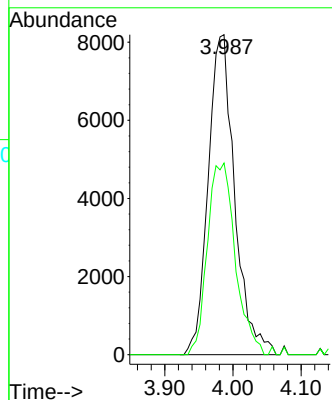
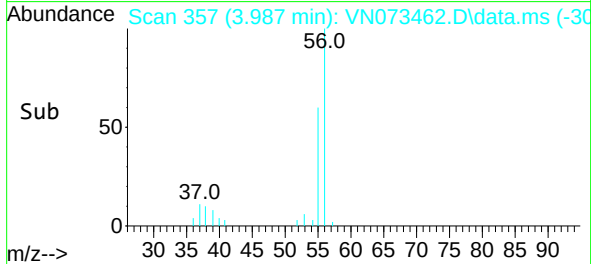
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD02



Tgt Ion: 56 Resp: 2216
Ion Ratio Lower Upper
56 100
55 62.9 54.8 82.2

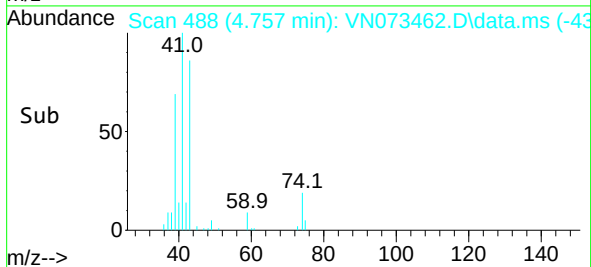
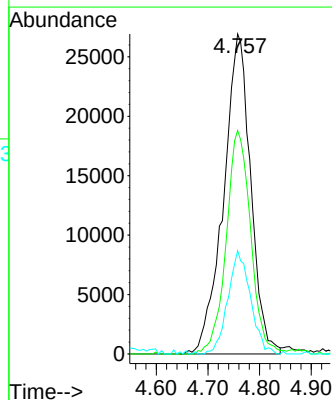
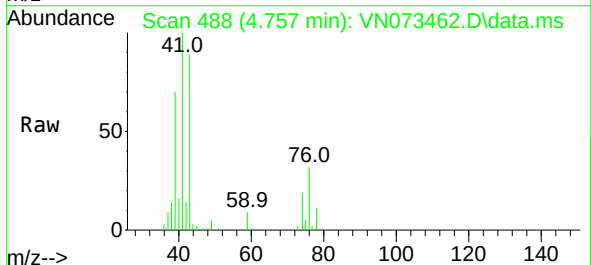
Manual Integrations
APPROVED

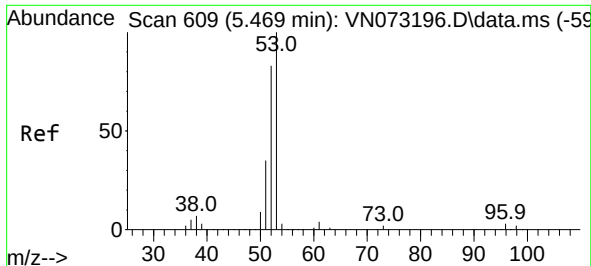
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#14
Allyl chloride
Concen: 19.869 ug/l
RT: 4.757 min Scan# 488
Delta R.T. 0.000 min
Lab File: VN073462.D
Acq: 14 Jul 2022 15:49

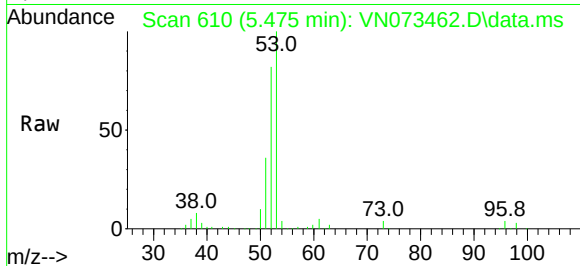
Tgt Ion: 41 Resp: 98179
Ion Ratio Lower Upper
41 100
39 63.0 53.2 79.8
76 26.8 29.9 44.9#





#15
Acrylonitrile
Concen: 121.066 ug/l
RT: 5.475 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN073462.D
Acq: 14 Jul 2022 15:49

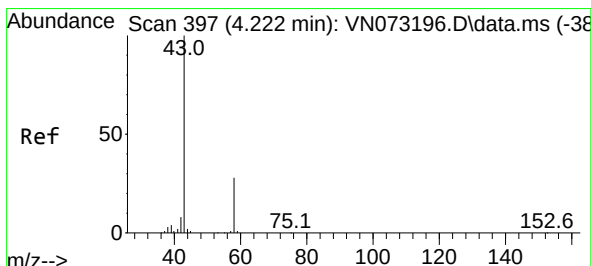
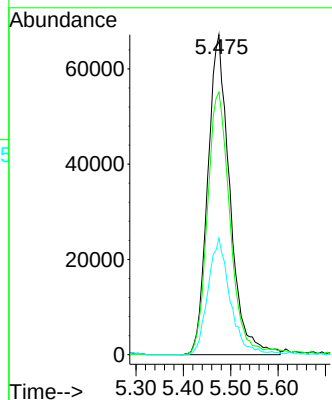
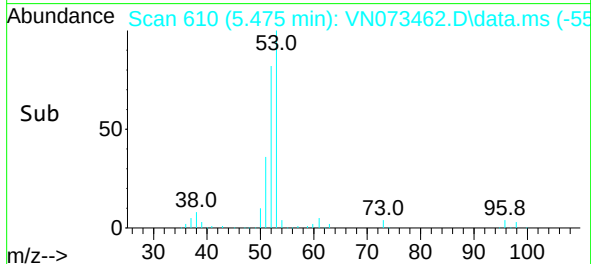
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD02



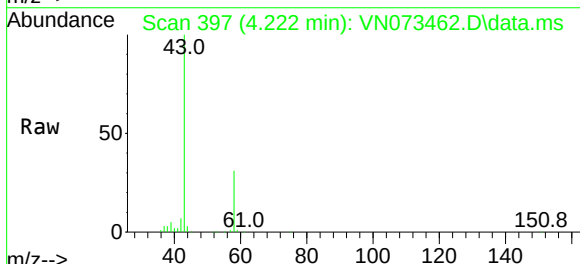
Tgt Ion: 53 Resp: 217162
Ion Ratio Lower Upper
53 100
52 83.3 66.4 99.6
51 36.4 28.5 42.7

Manual Integrations
APPROVED

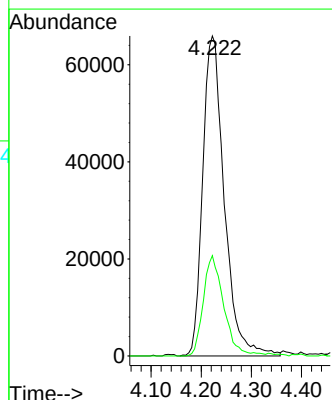
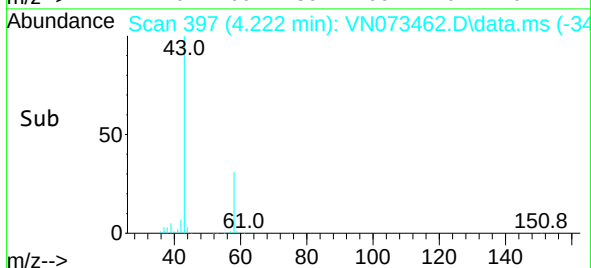
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

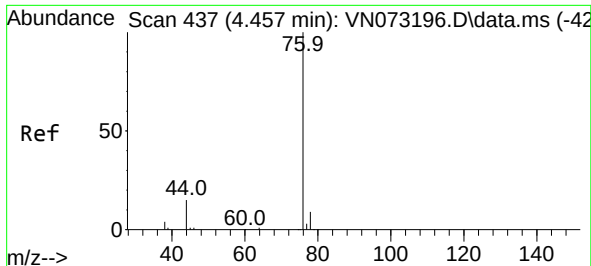


#16
Acetone
Concen: 121.960 ug/l
RT: 4.222 min Scan# 397
Delta R.T. 0.000 min
Lab File: VN073462.D
Acq: 14 Jul 2022 15:49



Tgt Ion: 43 Resp: 196914
Ion Ratio Lower Upper
43 100
58 31.4 26.0 39.0





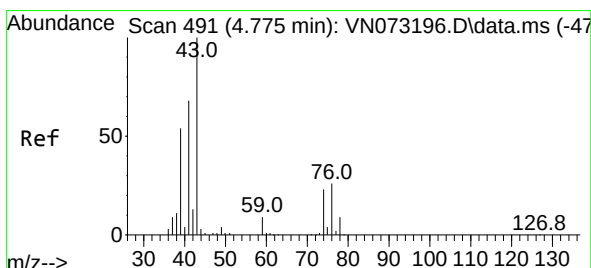
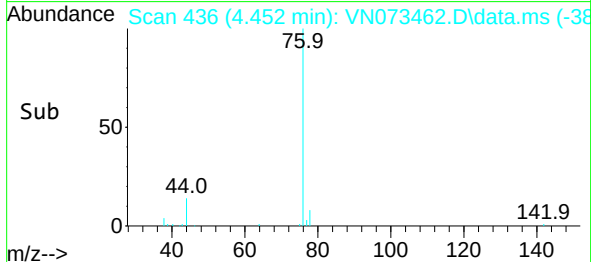
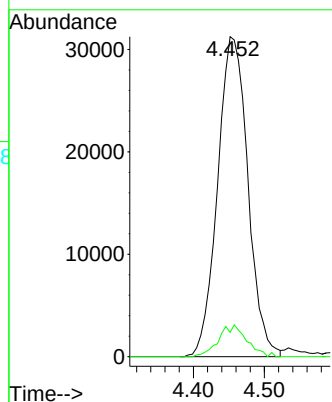
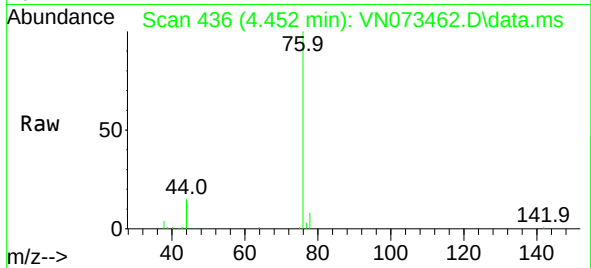
#17
Carbon Disulfide
Concen: 15.219 ug/l
RT: 4.452 min Scan# 41
Delta R.T. -0.005 min
Lab File: VN073462.D
Acq: 14 Jul 2022 15:49

Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD02

Tgt Ion: 76 Resp: 9256
Ion Ratio Lower Upper
76 100
78 7.6 7.2 10.8

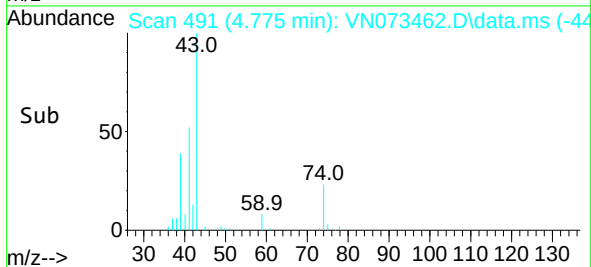
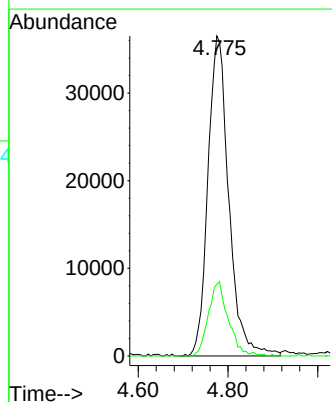
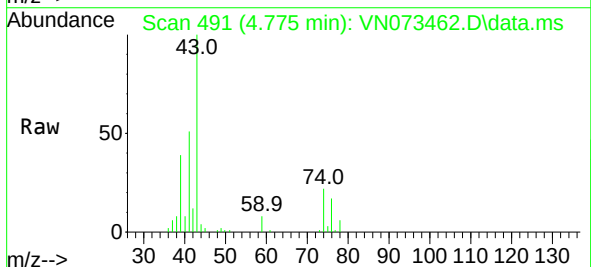
Manual Integrations
APPROVED

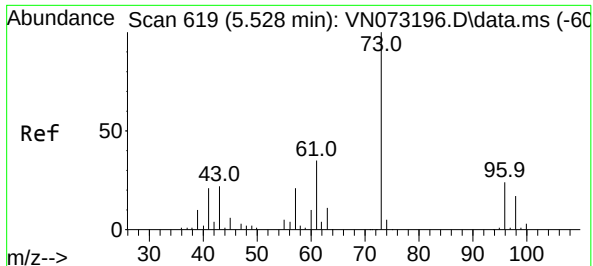
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#18
Methyl Acetate
Concen: 26.029 ug/l
RT: 4.775 min Scan# 491
Delta R.T. 0.000 min
Lab File: VN073462.D
Acq: 14 Jul 2022 15:49

Tgt Ion: 43 Resp: 117772
Ion Ratio Lower Upper
43 100
74 22.2 21.6 32.4





#19

Methyl tert-butyl Ether

Concen: 21.566 ug/l

RT: 5.528 min Scan# 619

Delta R.T. -0.000 min

Lab File: VN073462.D

Acq: 14 Jul 2022 15:49

Instrument :

MSVOA_N

ClientSampleId :

VN0714WBSD02

Tgt Ion: 73 Resp: 18436

Ion Ratio Lower Upper

73 100

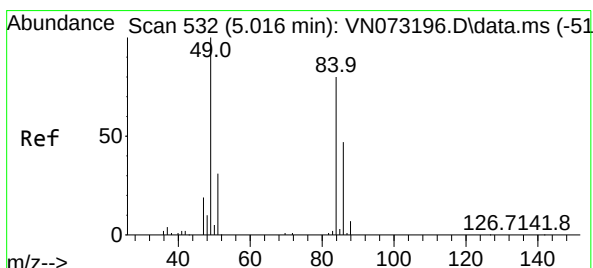
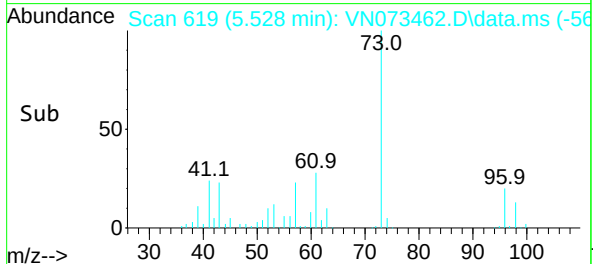
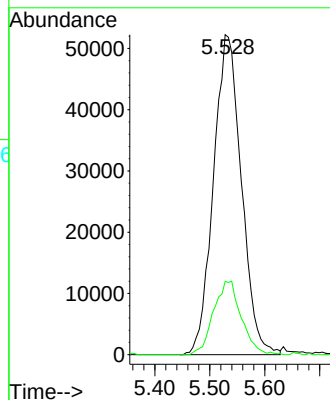
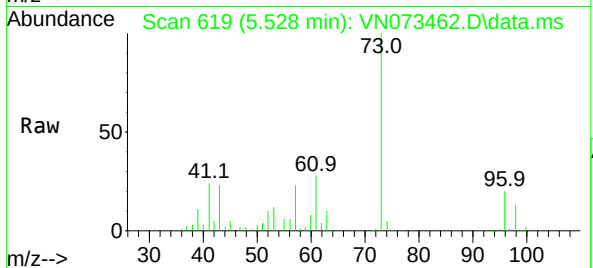
57 22.9 17.6 26.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2022

Supervised By :Mahesh Dadoda 07/15/2022



#20

Methylene Chloride

Concen: 19.382 ug/l

RT: 5.010 min Scan# 531

Delta R.T. -0.006 min

Lab File: VN073462.D

Acq: 14 Jul 2022 15:49

Tgt Ion: 84 Resp: 54996

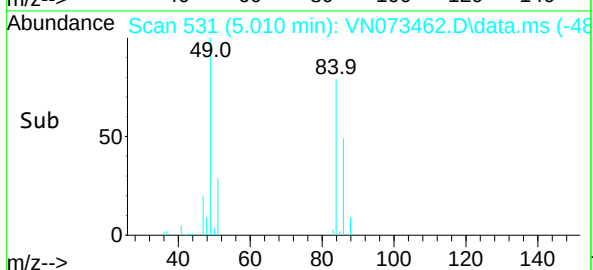
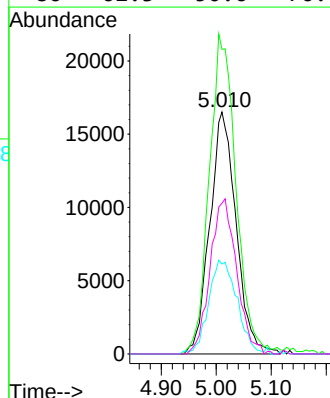
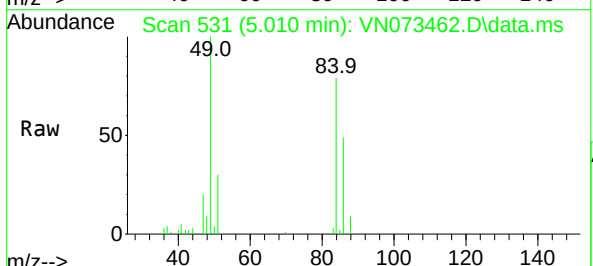
Ion Ratio Lower Upper

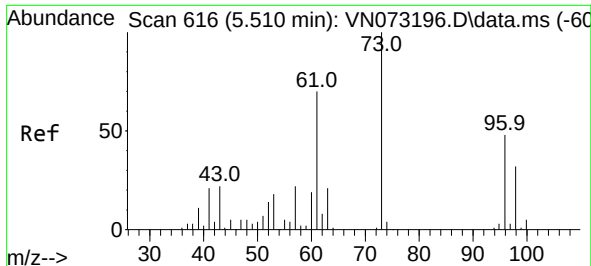
84 100

49 125.9 88.3 132.5

51 37.2 28.2 42.2

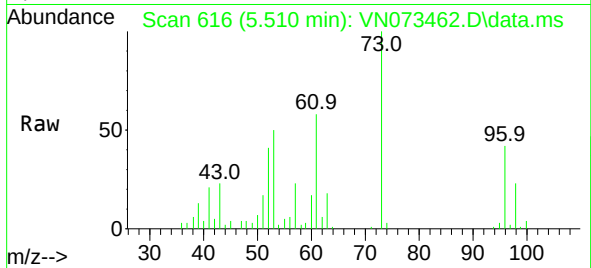
86 62.3 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 18.794 ug/l
RT: 5.510 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN073462.D
Acq: 14 Jul 2022 15:49

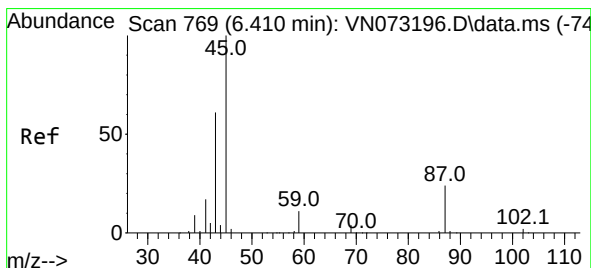
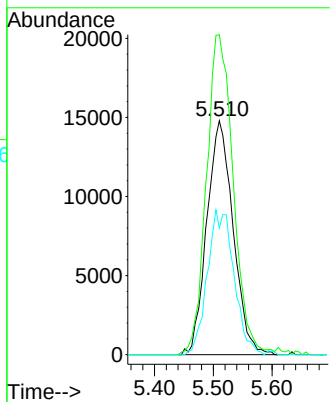
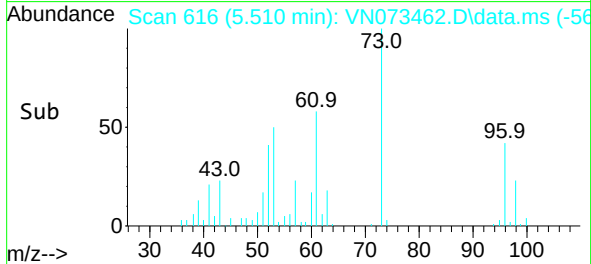
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD02



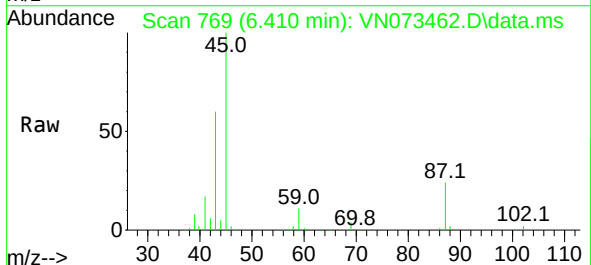
Tgt Ion: 96 Resp: 46062
Ion Ratio Lower Upper
96 100
61 136.8 105.8 158.8
98 54.1 50.3 75.5

Manual Integrations
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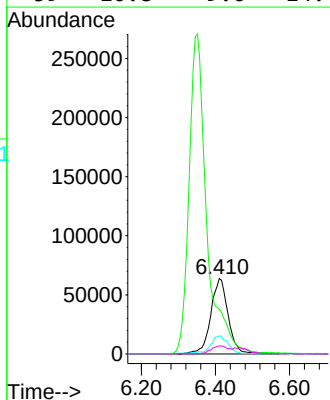
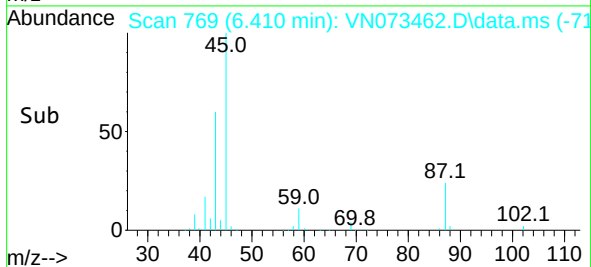
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

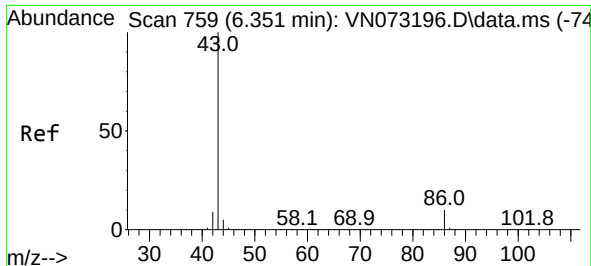


#22
Diisopropyl ether
Concen: 22.608 ug/l
RT: 6.410 min Scan# 769
Delta R.T. 0.000 min
Lab File: VN073462.D
Acq: 14 Jul 2022 15:49



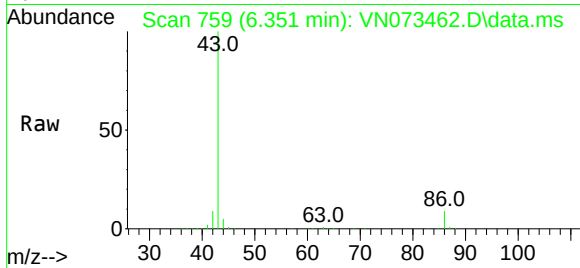
Tgt Ion: 45 Resp: 208459
Ion Ratio Lower Upper
45 100
43 57.8 46.6 70.0
87 23.9 24.3 36.5#
59 10.8 9.6 14.4





#23
 Vinyl Acetate
 Concen: 108.467 ug/l
 RT: 6.351 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VN073462.D
 Acq: 14 Jul 2022 15:49

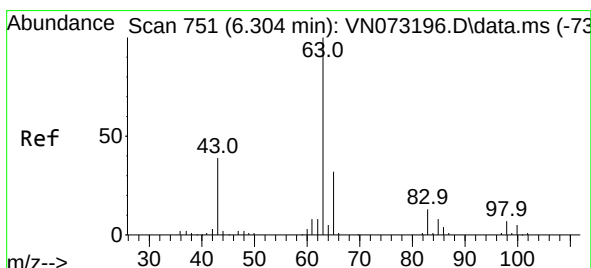
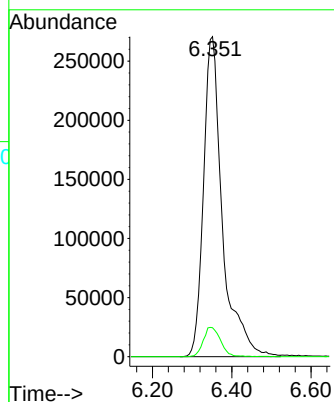
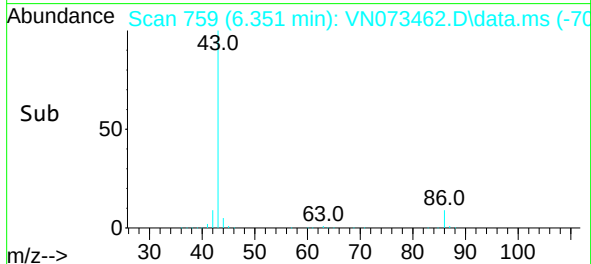
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0714WBSD02



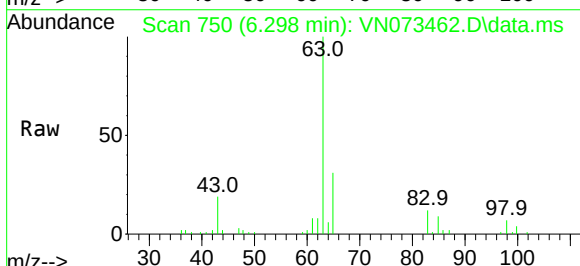
Tgt Ion: 43 Resp: 89544
 Ion Ratio Lower Upper
 43 100
 86 9.1 10.0 15.0

Manual Integrations
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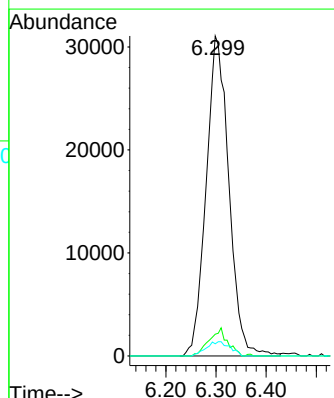
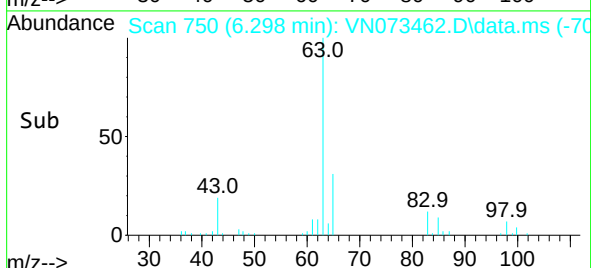
Reviewed By :John Carlone 07/15/2022
 Supervised By :Mahesh Dadoda 07/15/2022

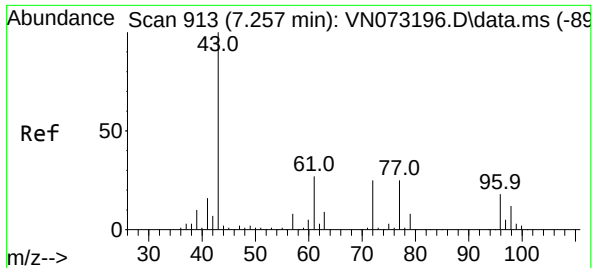


#24
 1,1-Dichloroethane
 Concen: 20.490 ug/l
 RT: 6.298 min Scan# 750
 Delta R.T. -0.006 min
 Lab File: VN073462.D
 Acq: 14 Jul 2022 15:49



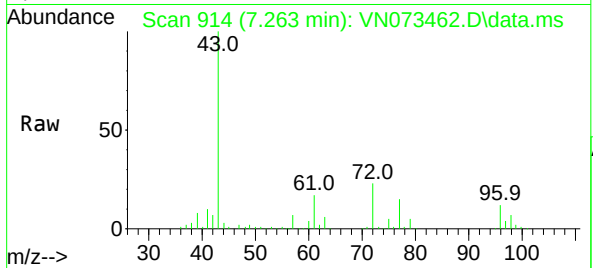
Tgt Ion: 63 Resp: 97770
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.5 10.4
 100 3.8 2.3 6.8





#25
2-Butanone
Concen: 124.735 ug/l
RT: 7.263 min Scan# 914
Delta R.T. 0.006 min
Lab File: VN073462.D
Acq: 14 Jul 2022 15:49

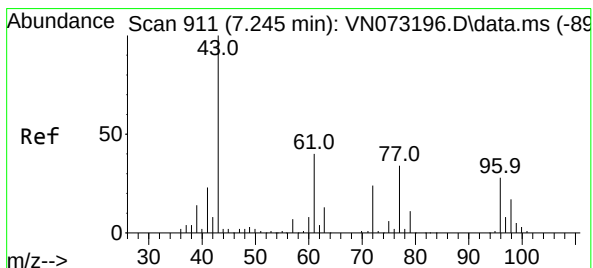
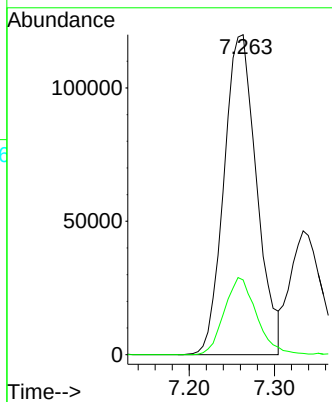
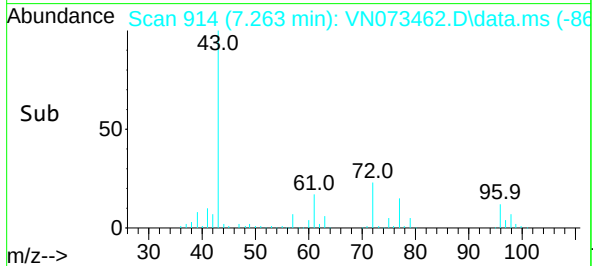
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD02



Tgt Ion: 43 Resp: 32064
Ion Ratio Lower Upper
43 100
72 23.3 23.7 35.5

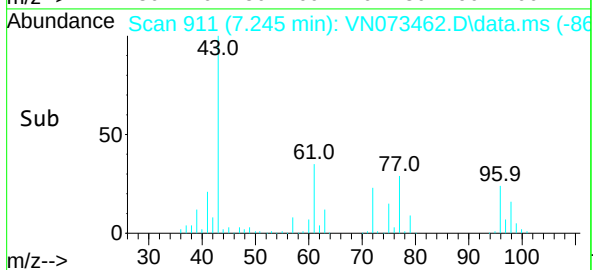
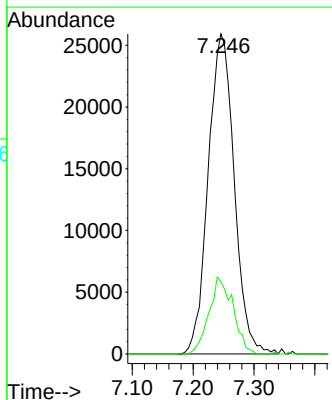
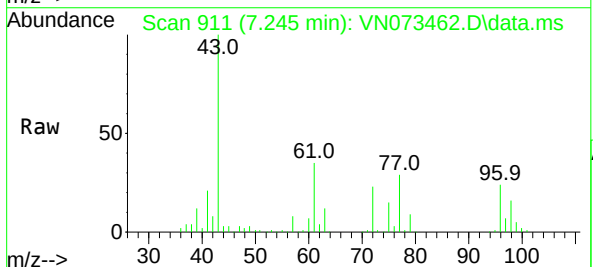
Manual Integrations
APPROVED

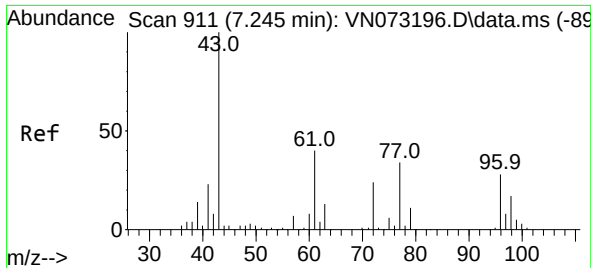
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#26
2,2-Dichloropropane
Concen: 17.437 ug/l
RT: 7.245 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN073462.D
Acq: 14 Jul 2022 15:49

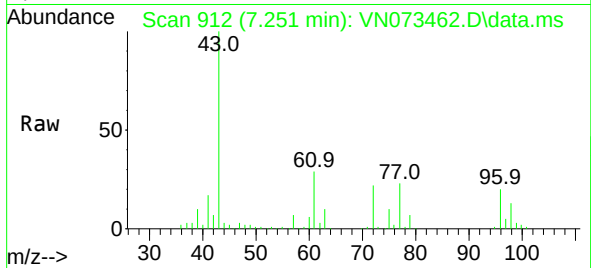
Tgt Ion: 77 Resp: 76953
Ion Ratio Lower Upper
77 100
97 22.2 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 19.986 ug/l
 RT: 7.251 min Scan# 911
 Delta R.T. 0.006 min
 Lab File: VN073462.D
 Acq: 14 Jul 2022 15:49

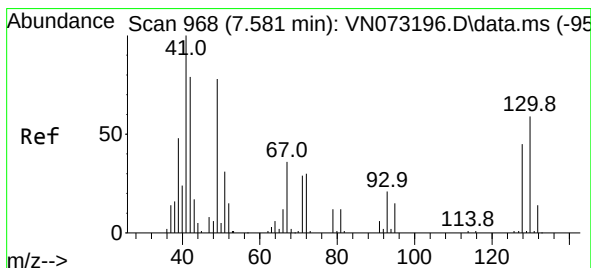
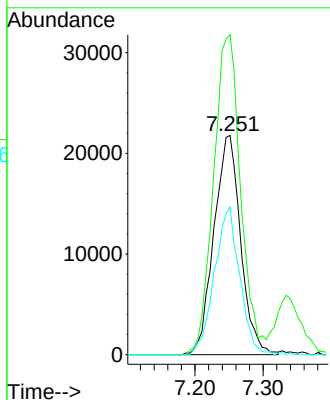
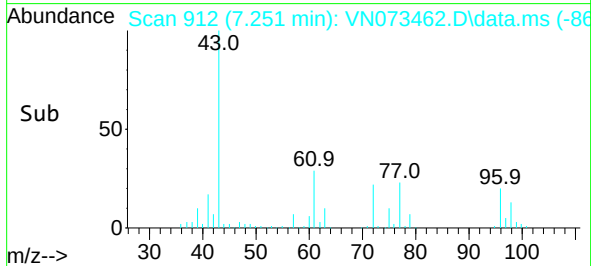
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0714WBSD02



Tgt Ion: 96 Resp: 59319
 Ion Ratio Lower Upper
 96 100
 61 148.3 0.0 280.6
 98 63.7 0.0 128.4

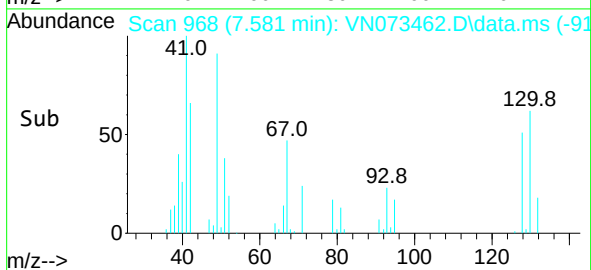
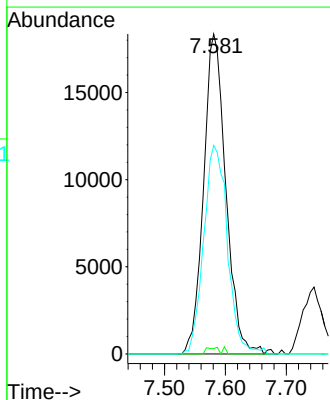
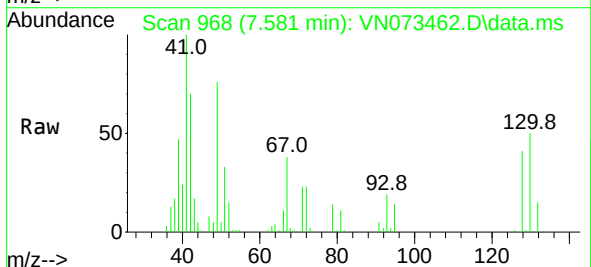
Manual Integrations
 APPROVED

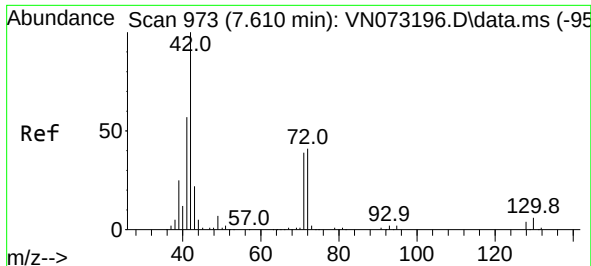
Reviewed By :John Carlone 07/15/2022
 Supervised By :Mahesh Dadoda 07/15/2022



#28
 Bromochloromethane
 Concen: 23.350 ug/l
 RT: 7.581 min Scan# 968
 Delta R.T. -0.000 min
 Lab File: VN073462.D
 Acq: 14 Jul 2022 15:49

Tgt Ion: 49 Resp: 46662
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 4.6
 130 69.5 69.7 104.5#





#29

Tetrahydrofuran

Concen: 121.337 ug/l

RT: 7.610 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN073462.D

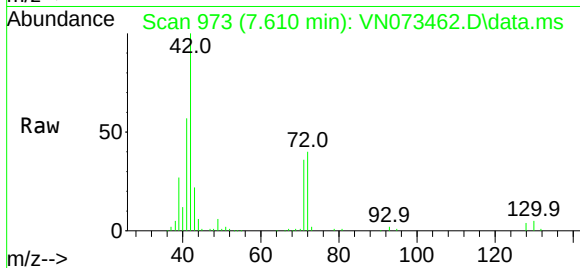
Acq: 14 Jul 2022 15:49

Instrument :

MSVOA_N

ClientSampleId :

VN0714WBSD02



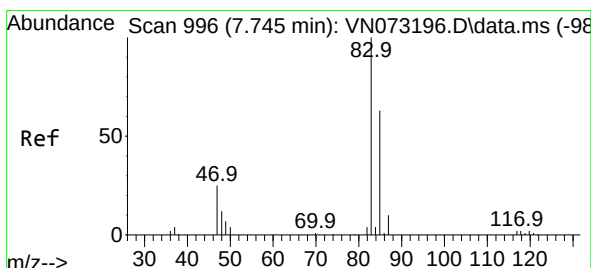
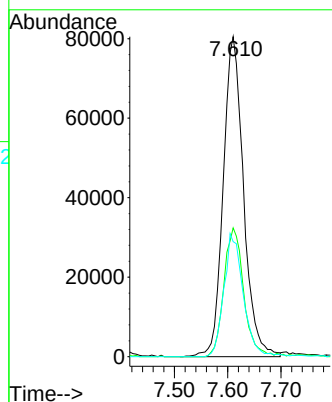
Tgt Ion:	42	Resp:	21357
Ion Ratio	Lower	Upper	
42	100		
72	39.0	39.7	59.5
71	36.8	36.6	55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2022

Supervised By :Mahesh Dadoda 07/15/2022



#30

Chloroform

Concen: 21.003 ug/l

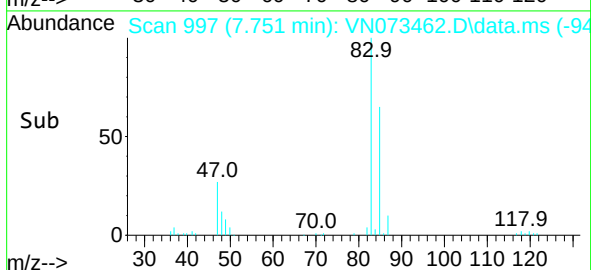
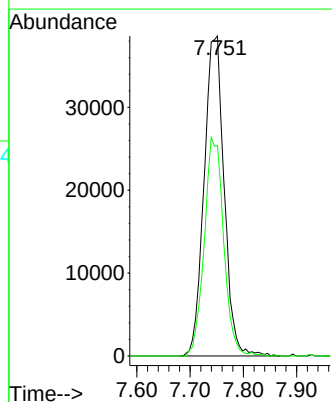
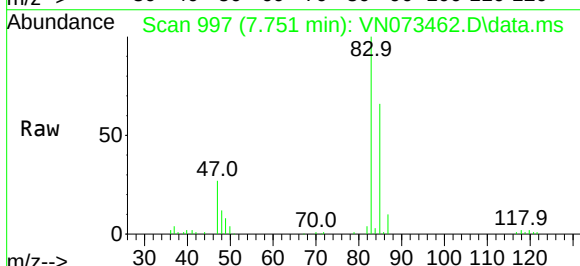
RT: 7.751 min Scan# 997

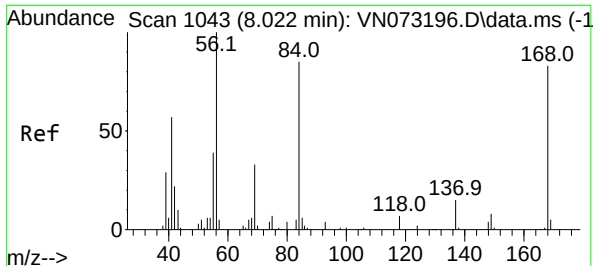
Delta R.T. 0.006 min

Lab File: VN073462.D

Acq: 14 Jul 2022 15:49

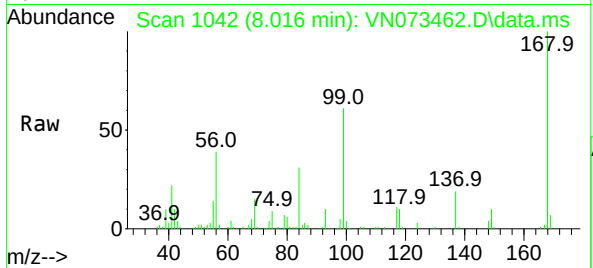
Tgt Ion:	83	Resp:	100938
Ion Ratio	Lower	Upper	
83	100		
85	65.8	51.8	77.8





#31
Cyclohexane
Concen: 18.197 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073462.D
Acq: 14 Jul 2022 15:49

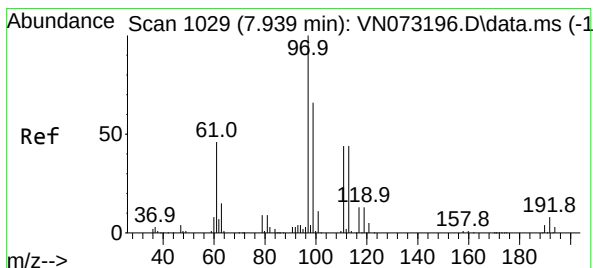
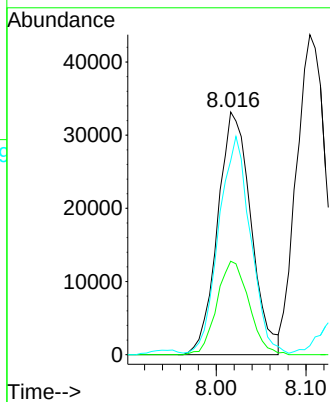
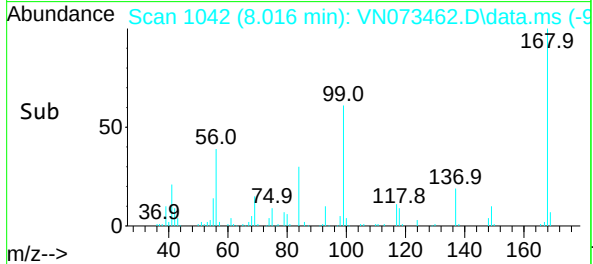
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD02



Tgt Ion: 56 Resp: 8572
Ion Ratio Lower Upper
56 100
69 38.5 27.8 41.8
84 78.8 76.9 115.3

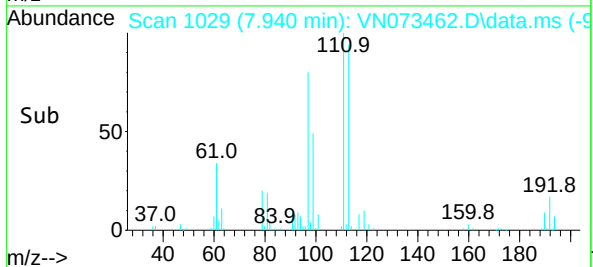
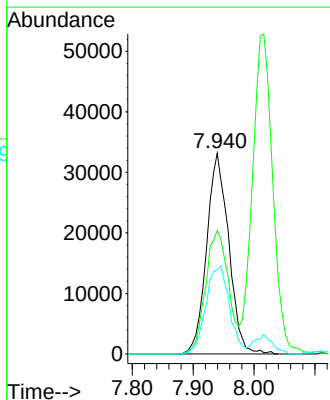
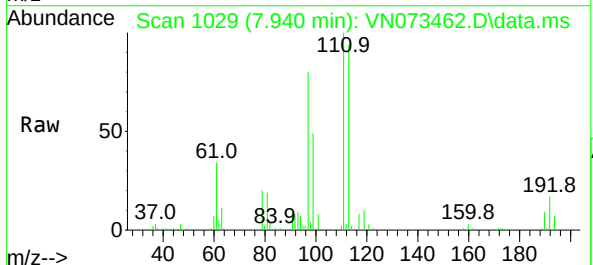
Manual Integrations
APPROVED

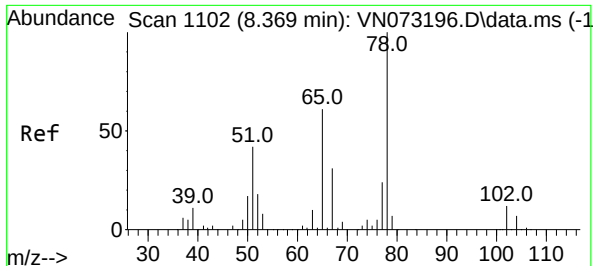
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#32
1,1,1-Trichloroethane
Concen: 19.470 ug/l
RT: 7.940 min Scan# 1029
Delta R.T. 0.001 min
Lab File: VN073462.D
Acq: 14 Jul 2022 15:49

Tgt Ion: 97 Resp: 83388
Ion Ratio Lower Upper
97 100
99 64.2 50.6 76.0
61 46.9 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 54.436 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073462.D

Acq: 14 Jul 2022 15:49

Instrument :

MSVOA_N

ClientSampleId :

VN0714WBSD02

Tgt Ion: 65 Resp: 15658

Ion Ratio Lower Upper

65 100

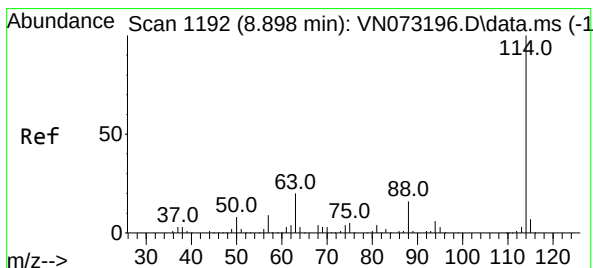
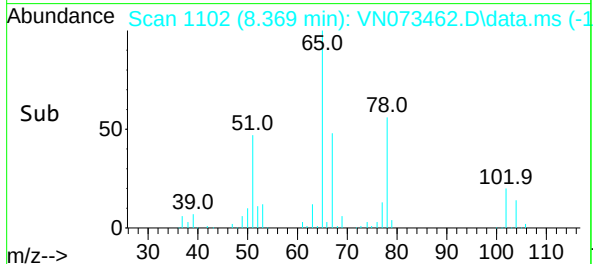
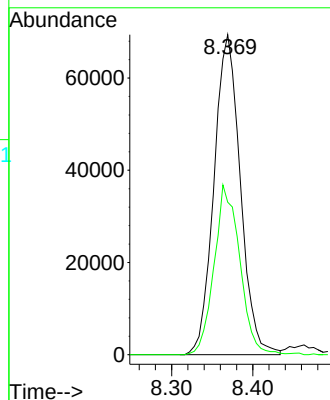
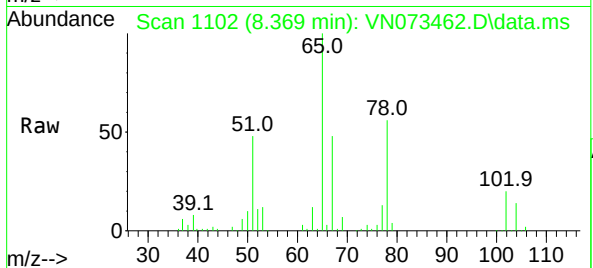
67 51.5 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2022

Supervised By :Mahesh Dadoda 07/15/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.898 min Scan# 1192

Delta R.T. 0.000 min

Lab File: VN073462.D

Acq: 14 Jul 2022 15:49

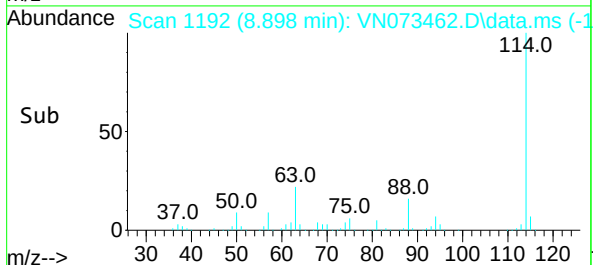
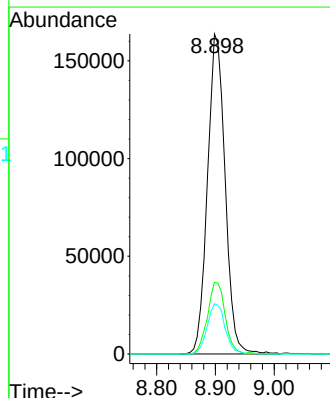
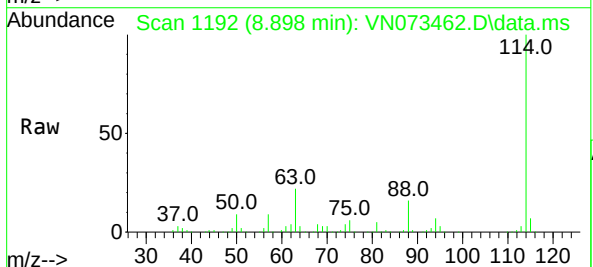
Tgt Ion:114 Resp: 340865

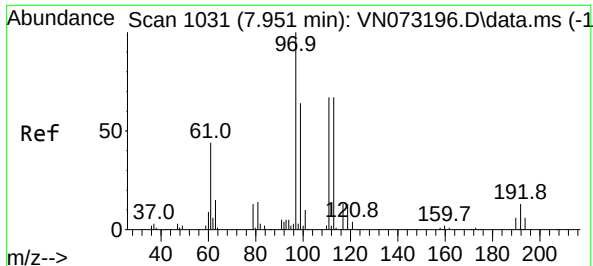
Ion Ratio Lower Upper

114 100

63 22.4 0.0 40.0

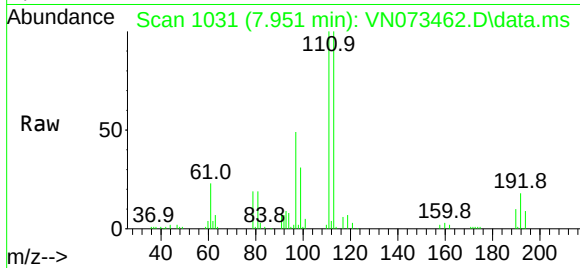
88 15.7 0.0 32.6





#35
Dibromofluoromethane
Concen: 53.794 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073462.D
Acq: 14 Jul 2022 15:49

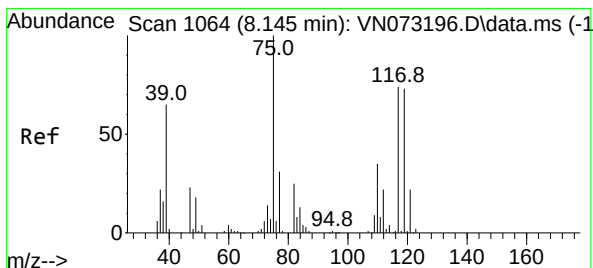
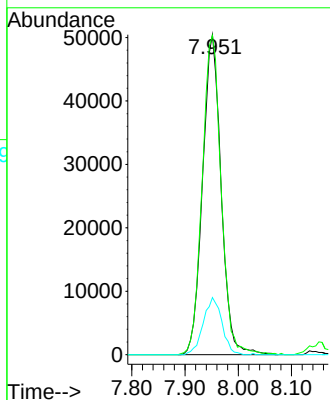
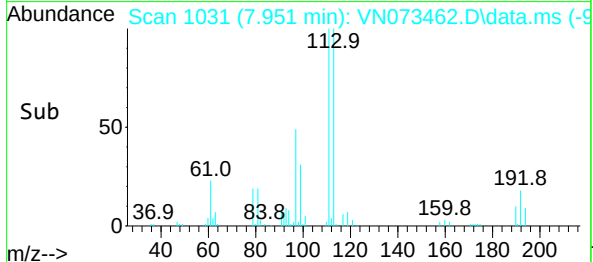
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD02



Tgt Ion: 113 Resp: 12199
Ion Ratio Lower Upper
113 100
111 102.2 81.4 122.0
192 18.0 17.0 25.6

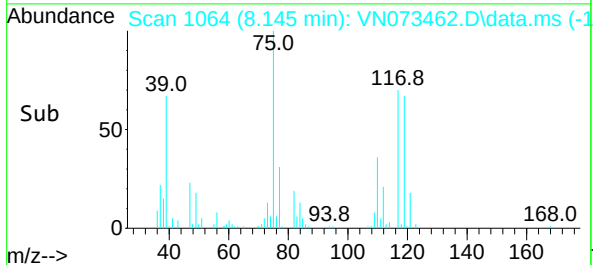
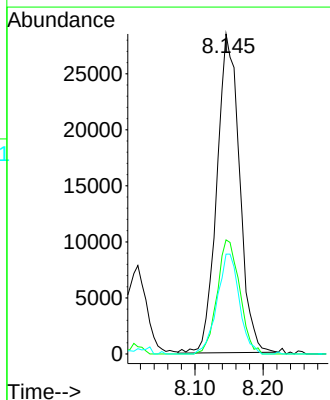
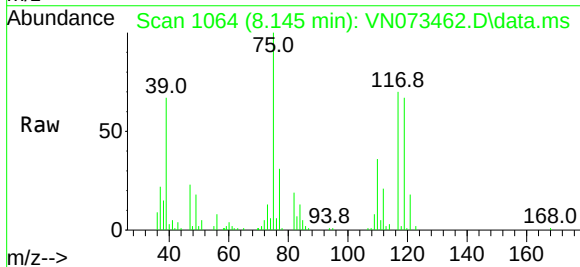
Manual Integrations
APPROVED

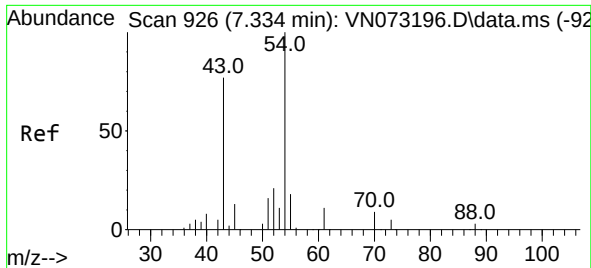
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#36
1,1-Dichloropropene
Concen: 18.915 ug/l
RT: 8.145 min Scan# 1064
Delta R.T. 0.000 min
Lab File: VN073462.D
Acq: 14 Jul 2022 15:49

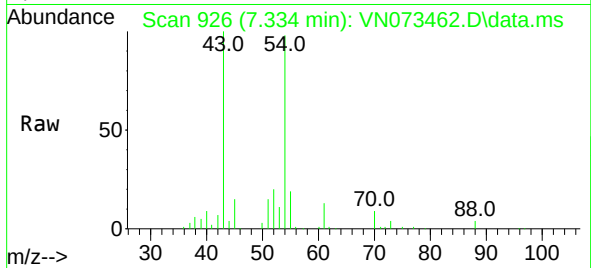
Tgt Ion: 75 Resp: 66003
Ion Ratio Lower Upper
75 100
110 35.3 18.3 54.8
77 30.6 25.1 37.7





#37
Ethyl Acetate
Concen: 22.855 ug/l
RT: 7.334 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN073462.D
Acq: 14 Jul 2022 15:49

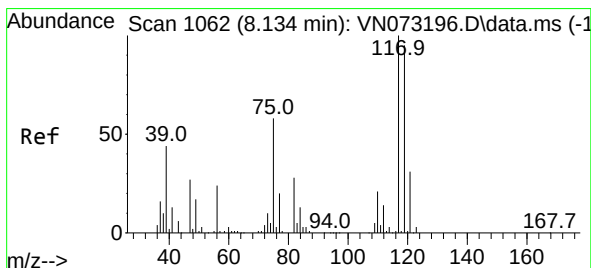
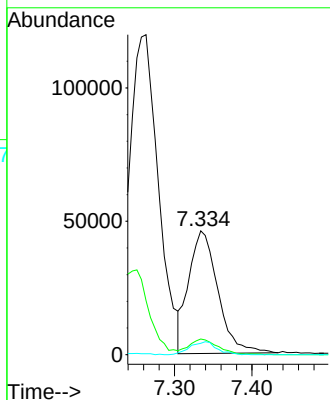
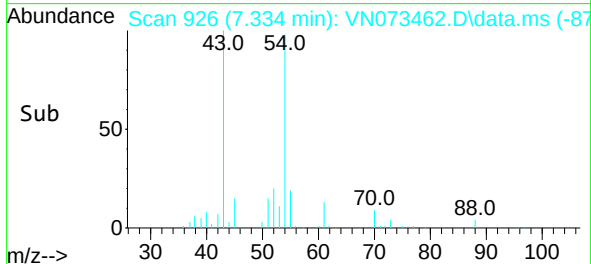
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD02



Tgt Ion: 43 Resp: 120504
Ion Ratio Lower Upper
43 100
61 12.7 11.8 17.6
70 9.7 9.3 13.9

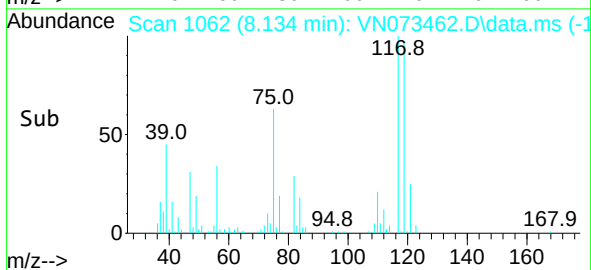
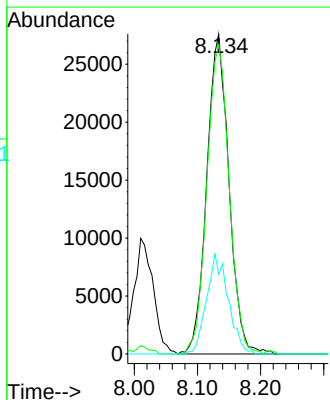
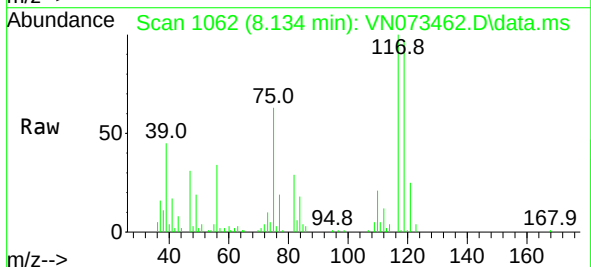
Manual Integrations
APPROVED

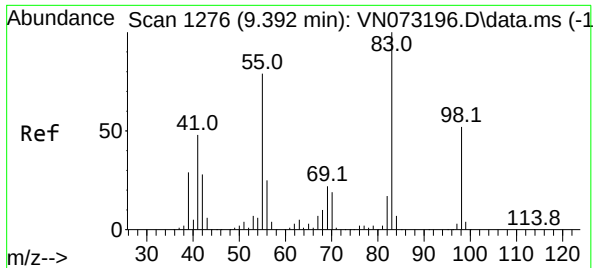
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#38
Carbon Tetrachloride
Concen: 18.693 ug/l
RT: 8.134 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VN073462.D
Acq: 14 Jul 2022 15:49

Tgt Ion:117 Resp: 67456
Ion Ratio Lower Upper
117 100
119 96.6 75.8 113.8
121 24.9 24.6 37.0





#39

Methylcyclohexane

Concen: 17.894 ug/l

RT: 9.392 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VN073462.D

Acq: 14 Jul 2022 15:49

Instrument :

MSVOA_N

ClientSampleId :

VN0714WBSD02

Tgt Ion: 83 Resp: 77740

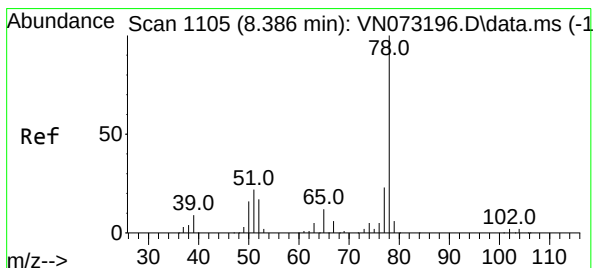
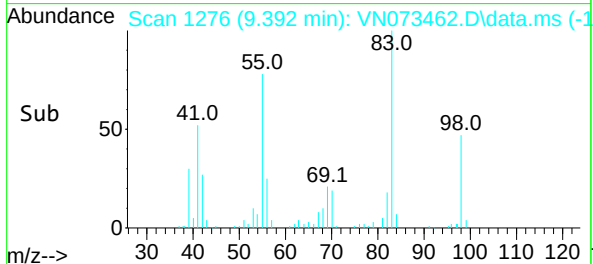
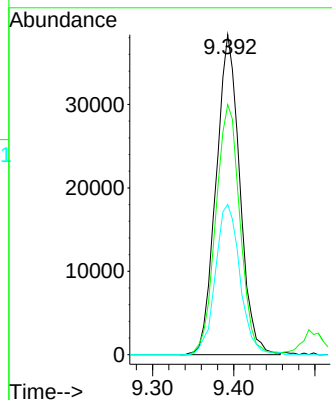
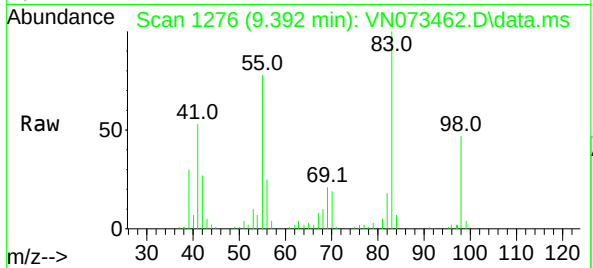
Ion	Ratio	Lower	Upper
83	100		
55	78.1	57.8	86.8
98	47.0	39.4	59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2022

Supervised By :Mahesh Dadoda 07/15/2022



#40

Benzene

Concen: 20.198 ug/l

RT: 8.387 min Scan# 1105

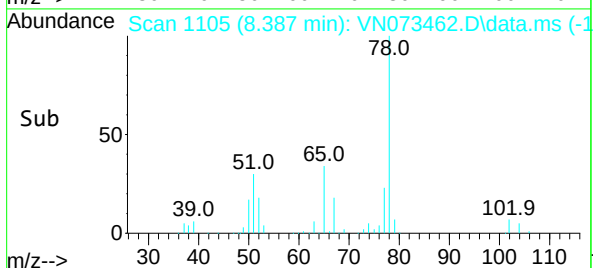
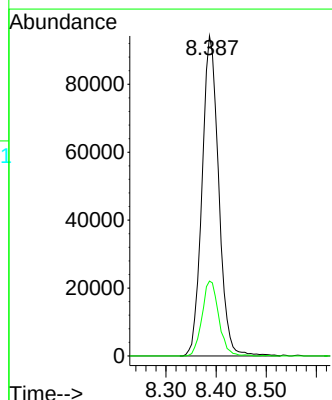
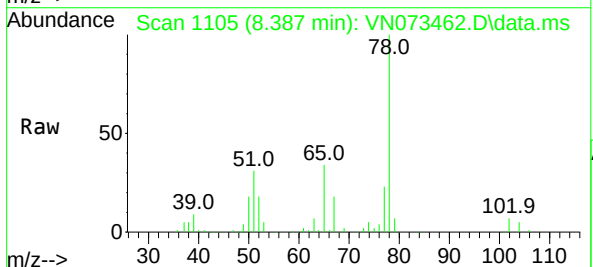
Delta R.T. 0.001 min

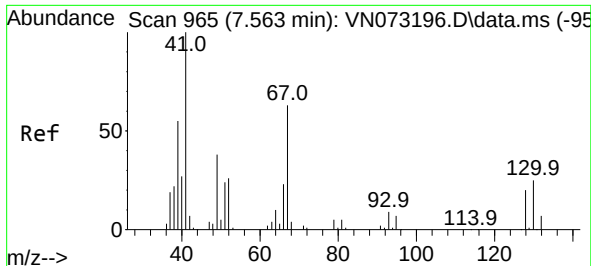
Lab File: VN073462.D

Acq: 14 Jul 2022 15:49

Tgt Ion: 78 Resp: 217510

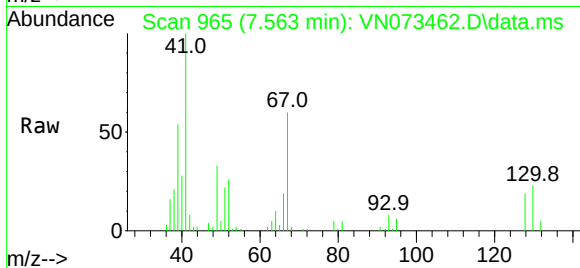
Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.4	29.0





#41
Methacrylonitrile
Concen: 21.844 ug/l
RT: 7.563 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN073462.D
Acq: 14 Jul 2022 15:49

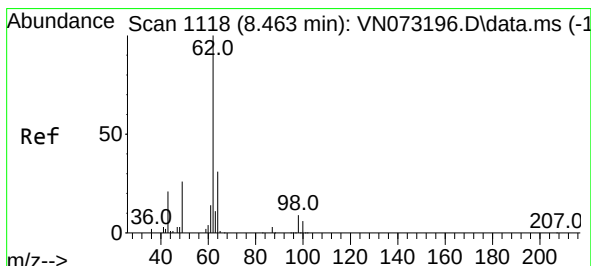
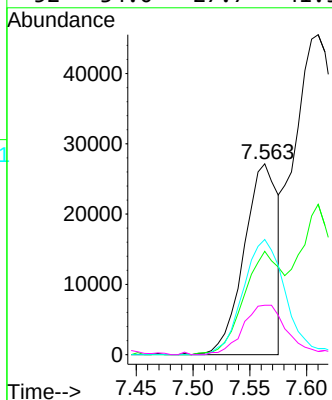
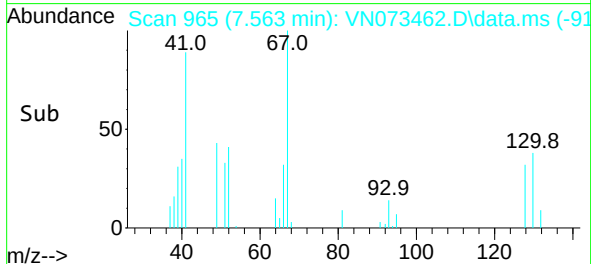
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD02



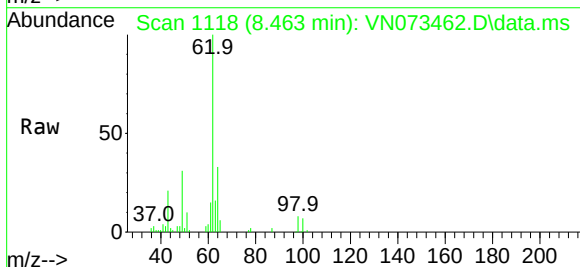
Tgt Ion:	41	Resp:	5585
Ion Ratio	100	Lower	Upper
39	61.6	48.6	73.0
67	77.0	73.4	110.2
52	34.0	27.7	41.5

Manual Integrations
APPROVED

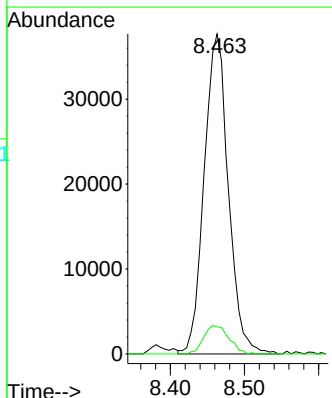
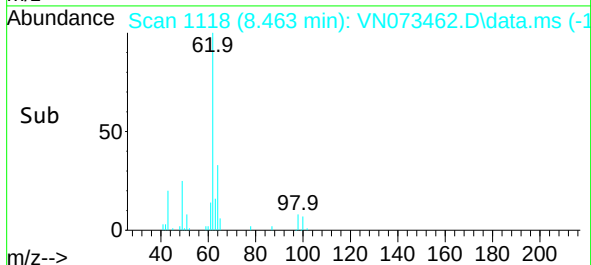
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

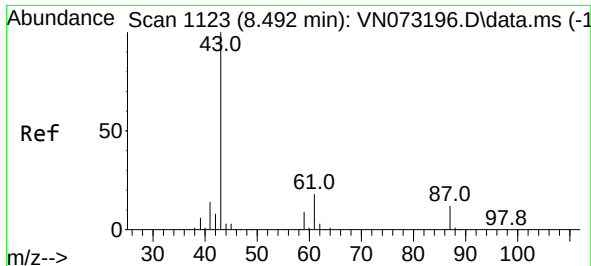


#42
1,2-Dichloroethane
Concen: 21.878 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. 0.000 min
Lab File: VN073462.D
Acq: 14 Jul 2022 15:49



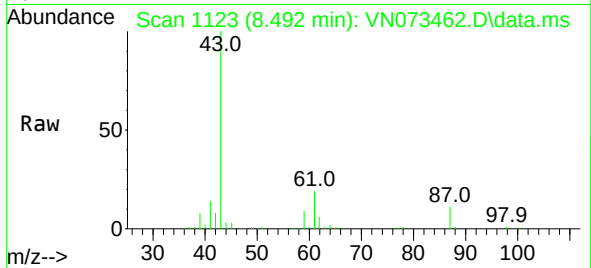
Tgt Ion:	62	Resp:	85405
Ion Ratio	100	Lower	Upper
98	9.3	0.0	19.4





#43
Isopropyl Acetate
Concen: 22.943 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN073462.D
Acq: 14 Jul 2022 15:49

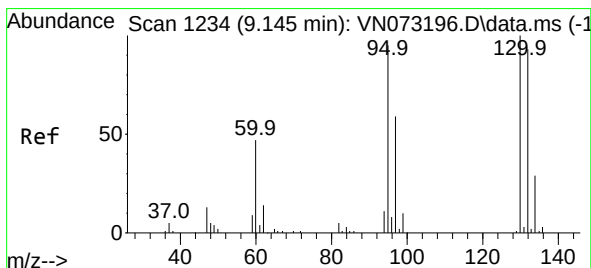
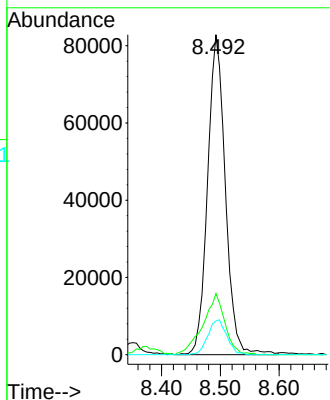
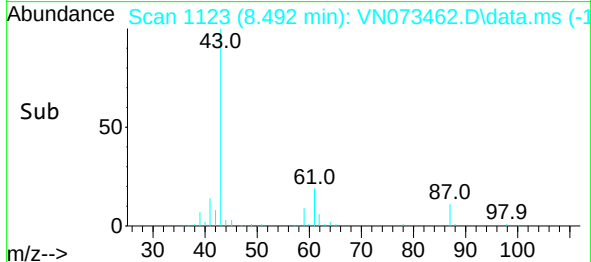
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD02



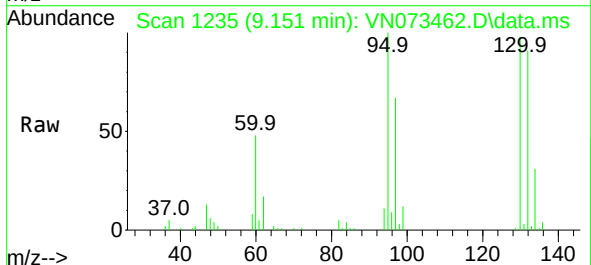
Tgt Ion: 43 Resp: 17385
Ion Ratio Lower Upper
43 100
61 23.6 21.9 32.9
87 11.5 12.0 18.0

Manual Integrations
APPROVED

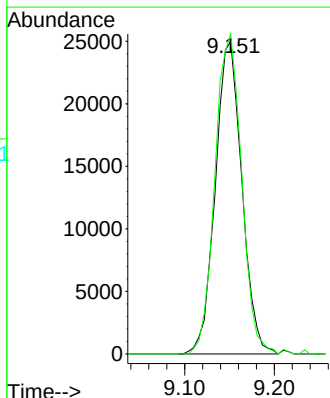
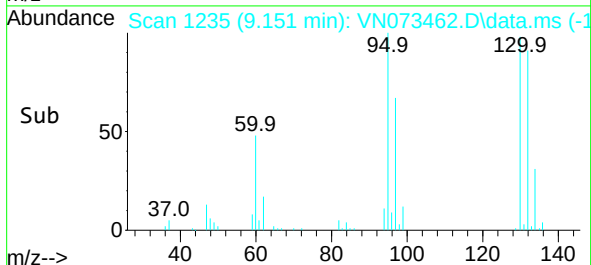
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

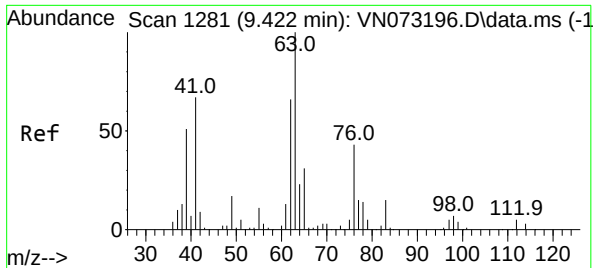


#44
Trichloroethene
Concen: 18.700 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. 0.006 min
Lab File: VN073462.D
Acq: 14 Jul 2022 15:49



Tgt Ion:130 Resp: 51247
Ion Ratio Lower Upper
130 100
95 102.3 0.0 186.8





#45

1,2-Dichloropropane

Concen: 21.500 ug/l

RT: 9.428 min Scan# 1281

Delta R.T. 0.006 min

Lab File: VN073462.D

Acq: 14 Jul 2022 15:49

Instrument :

MSVOA_N

ClientSampleId :

VN0714WBSD02

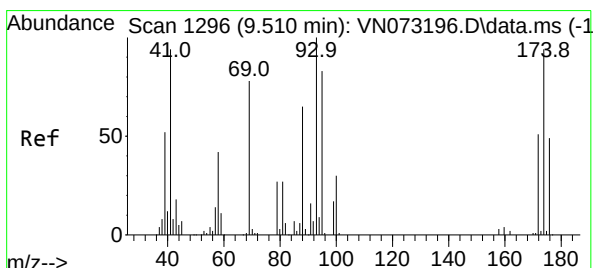
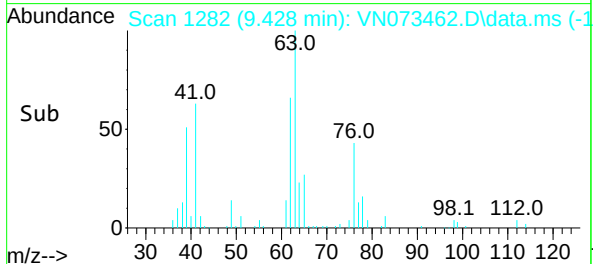
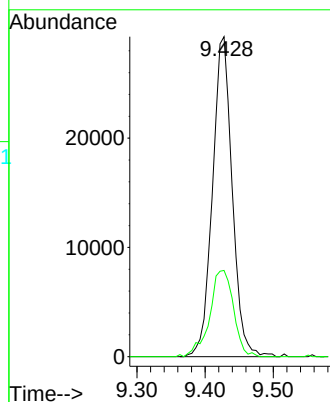
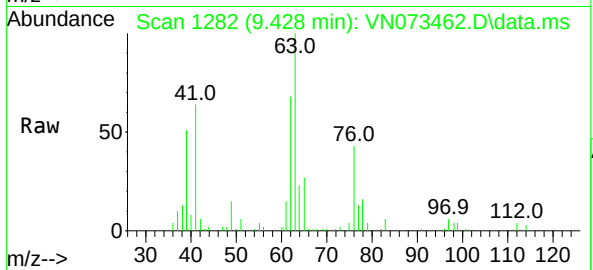
Tgt Ion: 63 Resp: 59014
 Ion Ratio Lower Upper
 63 100
 65 27.0 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2022

Supervised By :Mahesh Dadoda 07/15/2022



#46

Dibromomethane

Concen: 21.598 ug/l

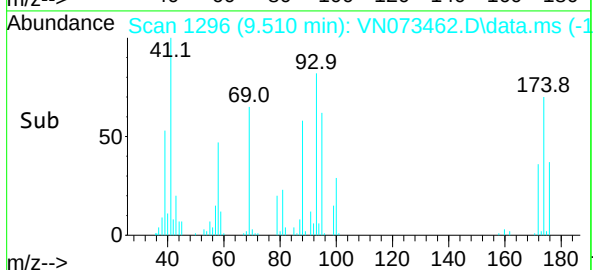
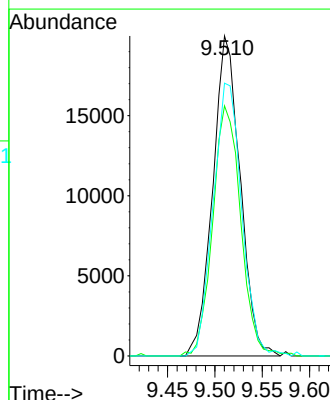
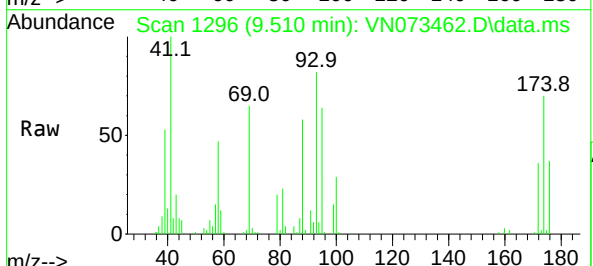
RT: 9.510 min Scan# 1296

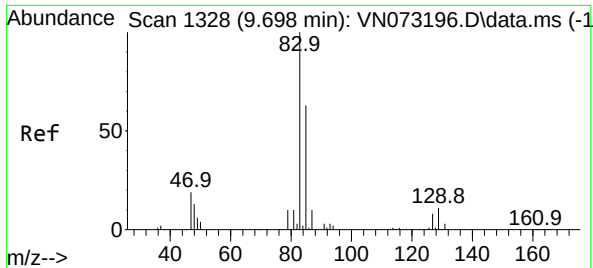
Delta R.T. 0.000 min

Lab File: VN073462.D

Acq: 14 Jul 2022 15:49

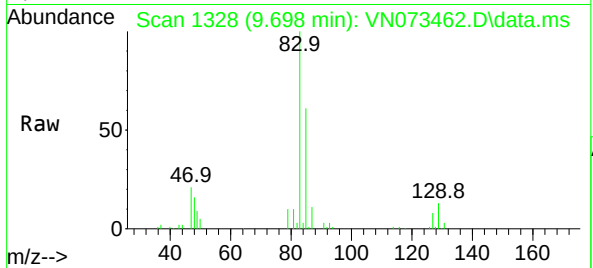
Tgt Ion: 93 Resp: 40253
 Ion Ratio Lower Upper
 93 100
 95 79.9 66.9 100.3
 174 88.8 86.6 130.0





#47
Bromodichloromethane
Concen: 21.647 ug/l
RT: 9.698 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073462.D
Acq: 14 Jul 2022 15:49

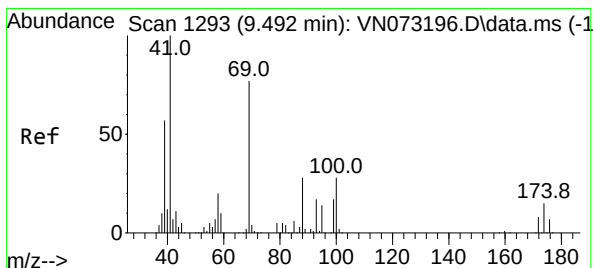
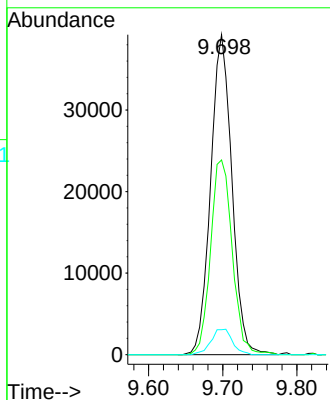
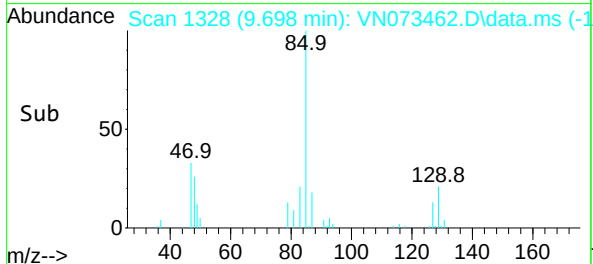
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD02



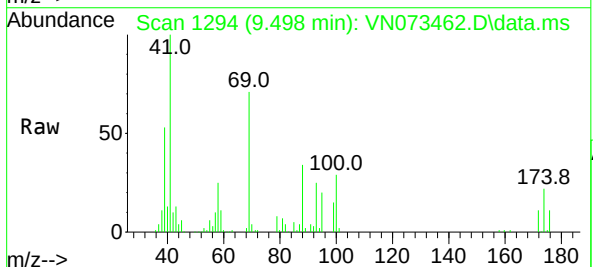
Tgt Ion: 83 Resp: 78140
Ion Ratio Lower Upper
83 100
85 60.9 50.5 75.7
127 7.8 6.8 10.2

Manual Integrations
APPROVED

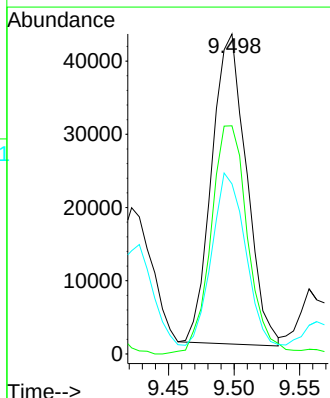
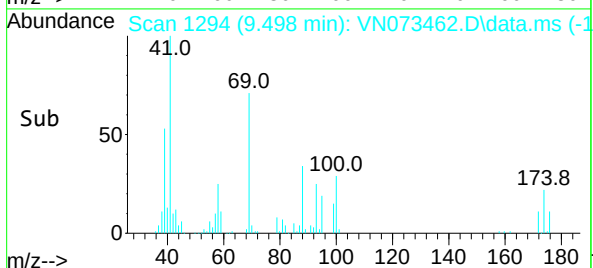
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

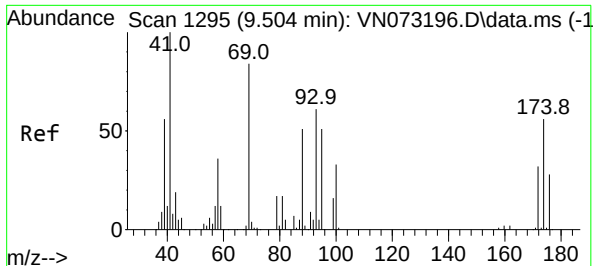


#48
Methyl methacrylate
Concen: 22.184 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. 0.006 min
Lab File: VN073462.D
Acq: 14 Jul 2022 15:49



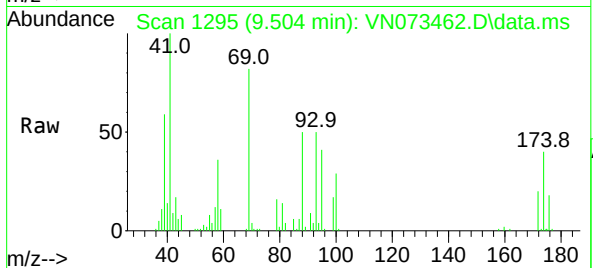
Tgt Ion: 41 Resp: 77832
Ion Ratio Lower Upper
41 100
69 78.0 74.7 112.1
39 60.1 45.6 68.4





#49
1,4-Dioxane
Concen: 499.273 ug/l
RT: 9.504 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VN073462.D
Acq: 14 Jul 2022 15:49

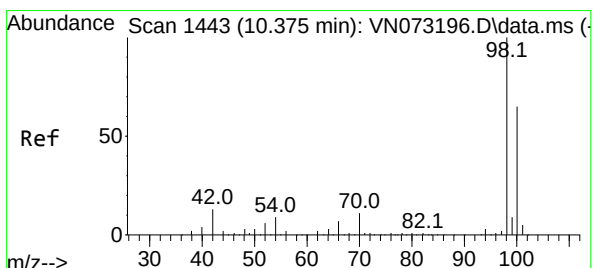
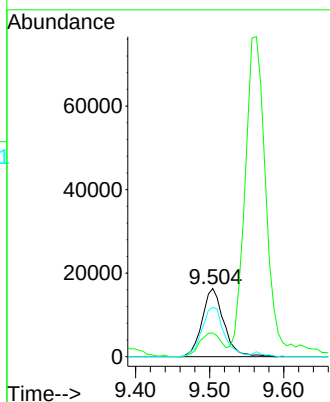
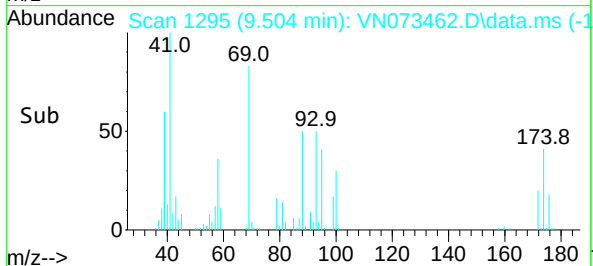
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD02



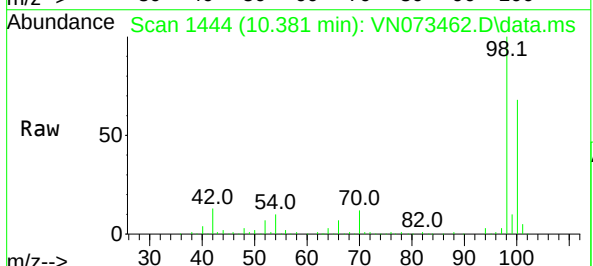
Tgt Ion: 88 Resp: 33254
Ion Ratio Lower Upper
88 100
43 34.8 20.2 30.4
58 73.8 54.2 81.4

Manual Integrations
APPROVED

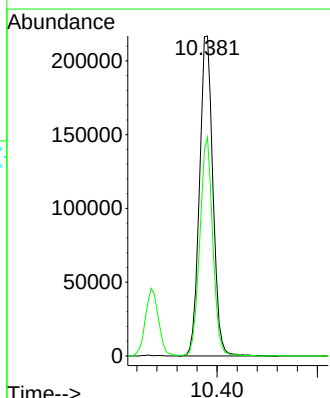
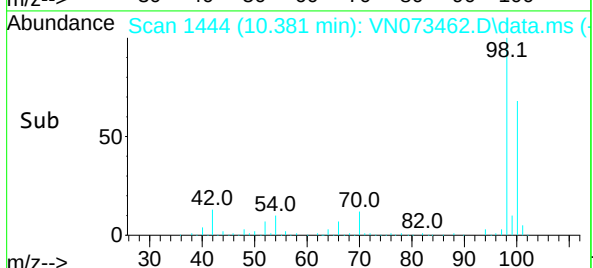
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

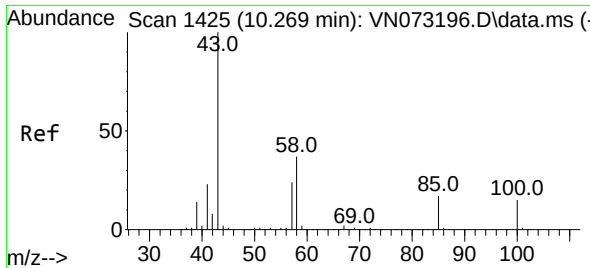


#50
Toluene-d8
Concen: 49.945 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN073462.D
Acq: 14 Jul 2022 15:49



Tgt Ion: 98 Resp: 402288
Ion Ratio Lower Upper
98 100
100 66.2 52.6 78.8





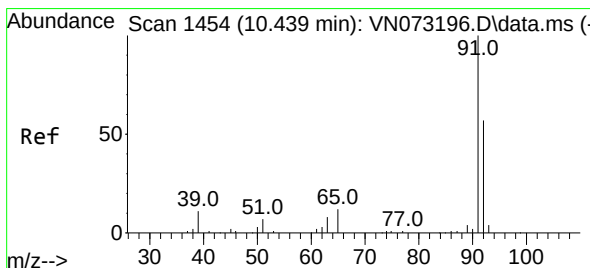
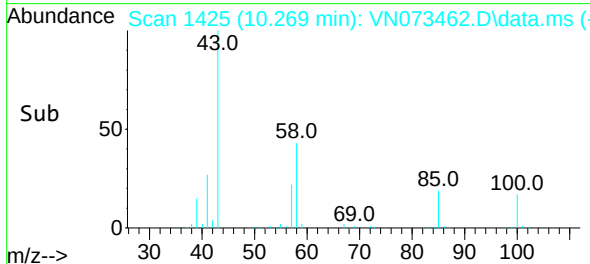
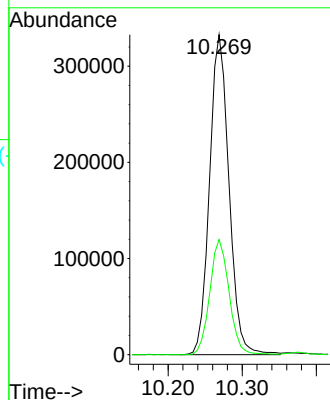
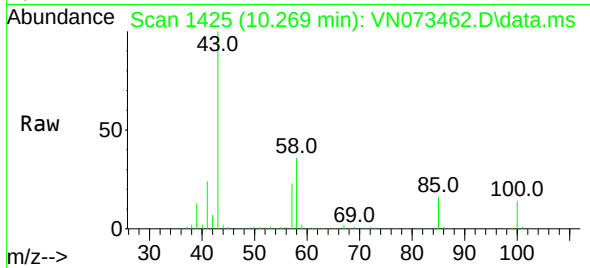
#51
4-Methyl-2-Pentanone
Concen: 126.182 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VN073462.D
Acq: 14 Jul 2022 15:49

Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD02

Tgt Ion: 43 Resp: 60635
Ion Ratio Lower Upper
43 100
58 35.8 34.1 51.1

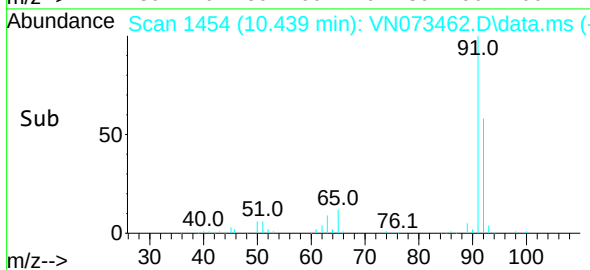
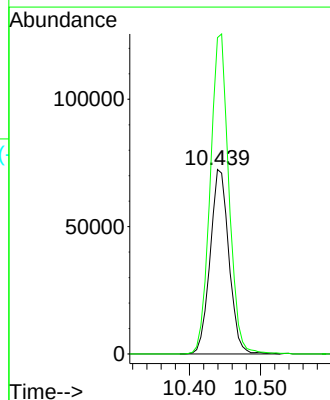
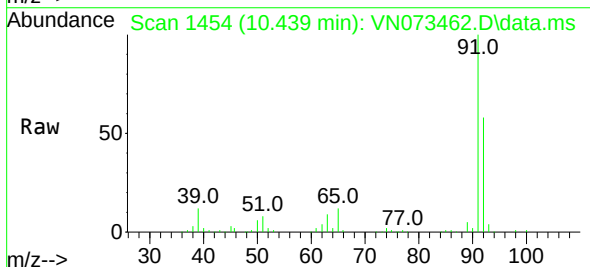
Manual Integrations
APPROVED

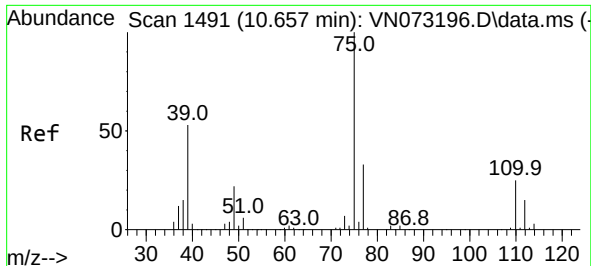
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#52
Toluene
Concen: 19.952 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN073462.D
Acq: 14 Jul 2022 15:49

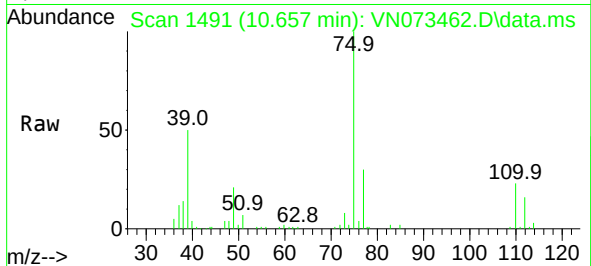
Tgt Ion: 92 Resp: 132788
Ion Ratio Lower Upper
92 100
91 172.5 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 20.494 ug/l
RT: 10.657 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN073462.D
Acq: 14 Jul 2022 15:49

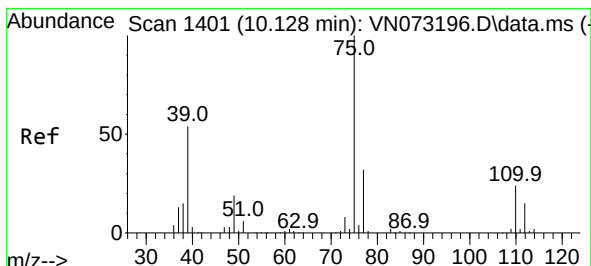
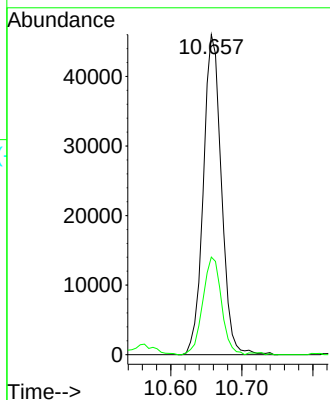
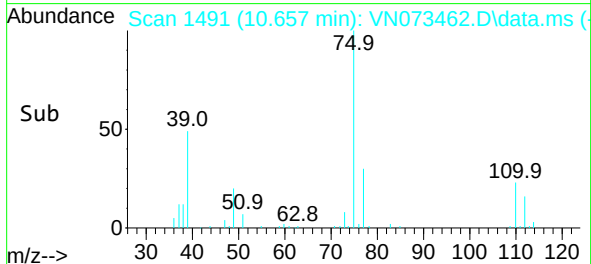
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD02



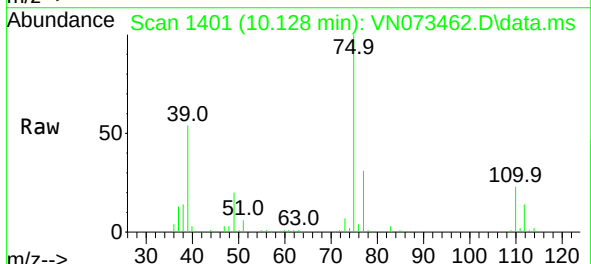
Tgt Ion: 75 Resp: 81438
Ion Ratio Lower Upper
75 100
77 30.5 25.6 38.4

Manual Integrations
APPROVED

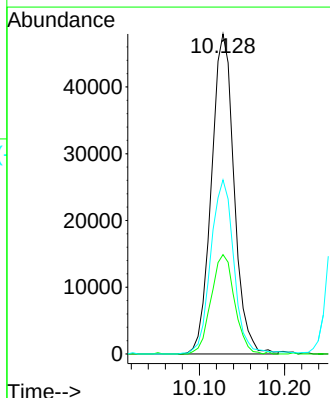
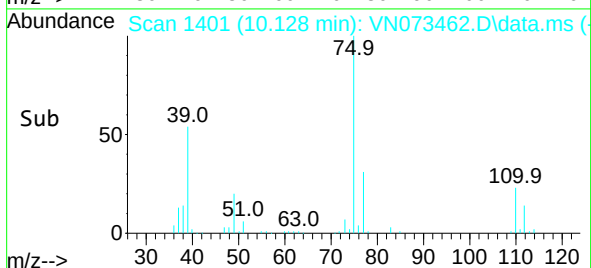
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

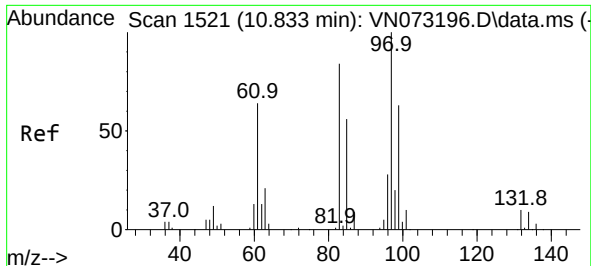


#54
cis-1,3-Dichloropropene
Concen: 20.643 ug/l
RT: 10.128 min Scan# 1401
Delta R.T. -0.000 min
Lab File: VN073462.D
Acq: 14 Jul 2022 15:49



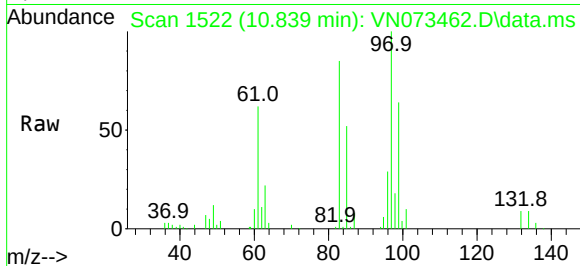
Tgt Ion: 75 Resp: 88560
Ion Ratio Lower Upper
75 100
77 31.1 25.2 37.8
39 54.4 35.7 53.5#





#55
1,1,2-Trichloroethane
Concen: 21.713 ug/l
RT: 10.839 min Scan# 1521
Delta R.T. 0.006 min
Lab File: VN073462.D
Acq: 14 Jul 2022 15:49

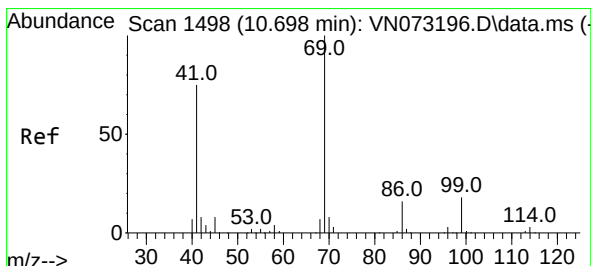
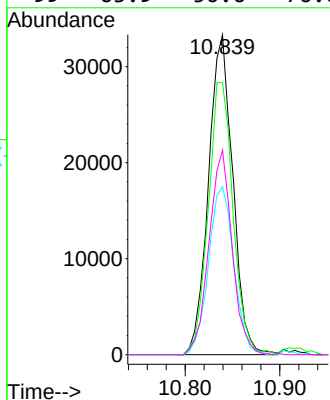
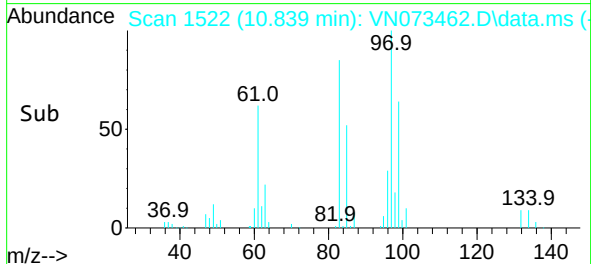
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD02



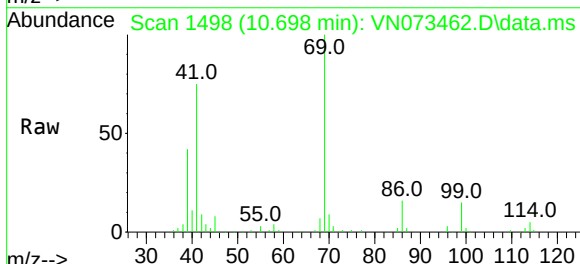
Tgt Ion: 97 Resp: 59490
Ion Ratio Lower Upper
97 100
83 85.0 66.2 99.4
85 52.5 43.9 65.9
99 63.9 50.6 76.0

Manual Integrations
APPROVED

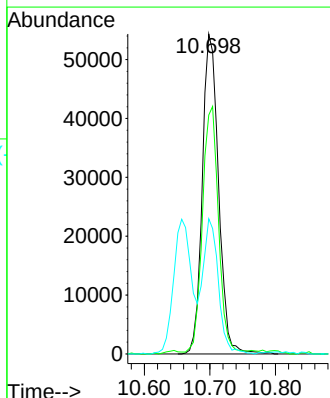
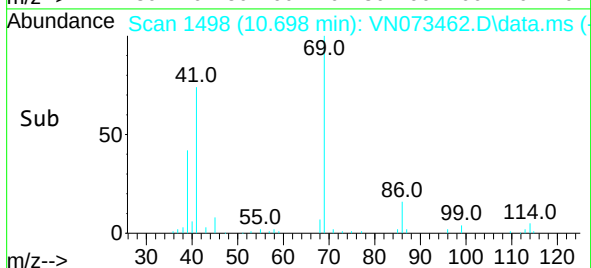
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

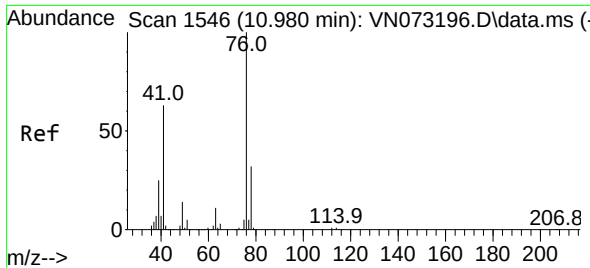


#56
Ethyl methacrylate
Concen: 21.168 ug/l
RT: 10.698 min Scan# 1498
Delta R.T. 0.000 min
Lab File: VN073462.D
Acq: 14 Jul 2022 15:49



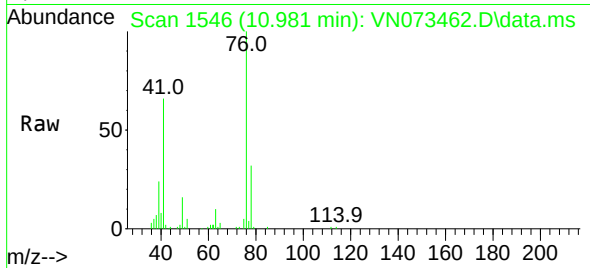
Tgt Ion: 69 Resp: 93745
Ion Ratio Lower Upper
69 100
41 75.2 47.8 71.6#
39 39.9 27.3 40.9





#57
1,3-Dichloropropane
Concen: 21.814 ug/l
RT: 10.981 min Scan# 1546
Delta R.T. 0.001 min
Lab File: VN073462.D
Acq: 14 Jul 2022 15:49

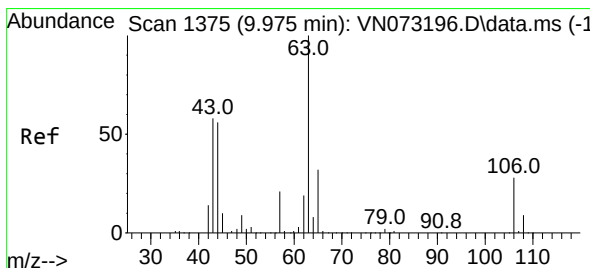
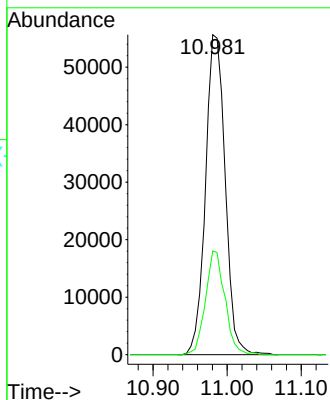
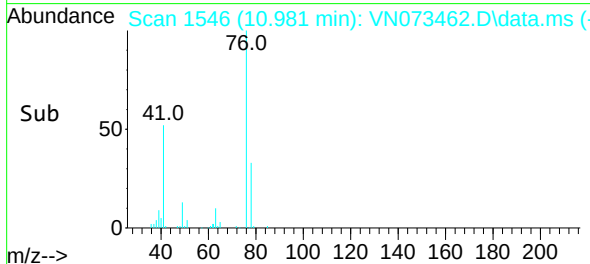
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD02



Tgt Ion: 76 Resp: 10245
Ion Ratio Lower Upper
76 100
78 32.0 26.2 39.2

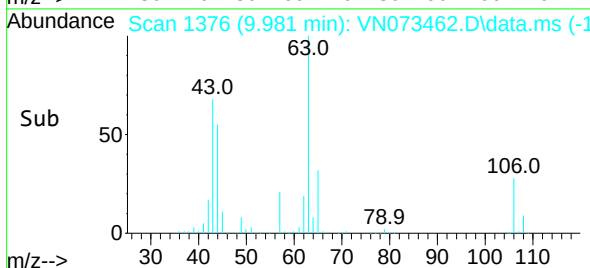
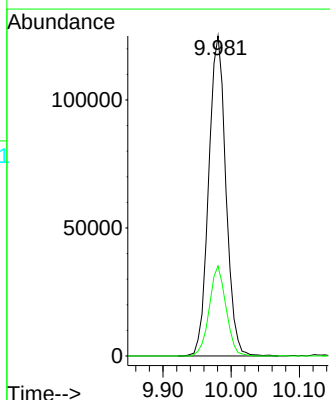
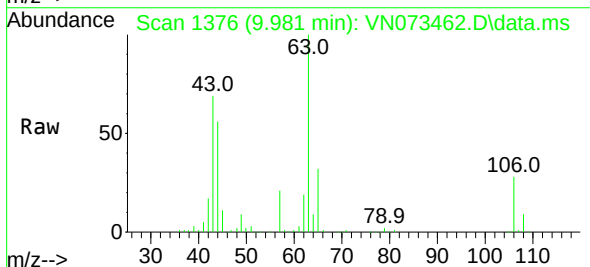
Manual Integrations
APPROVED

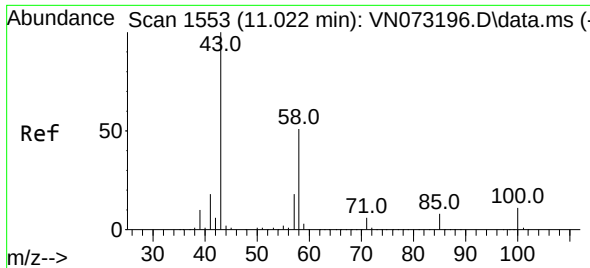
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#58
2-Chloroethyl Vinyl ether
Concen: 111.141 ug/l
RT: 9.981 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VN073462.D
Acq: 14 Jul 2022 15:49

Tgt Ion: 63 Resp: 219508
Ion Ratio Lower Upper
63 100
106 27.3 24.6 36.8





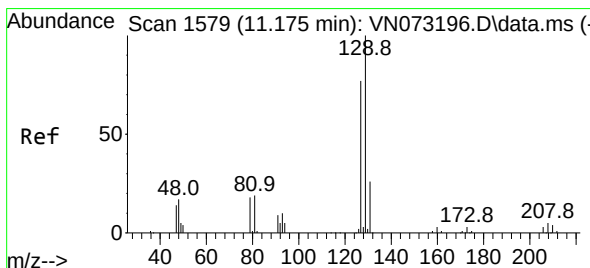
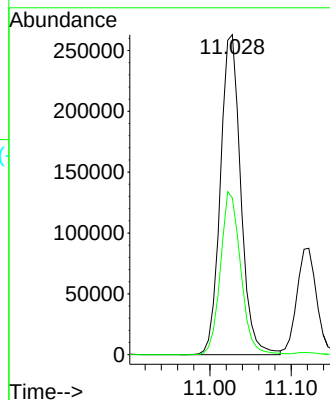
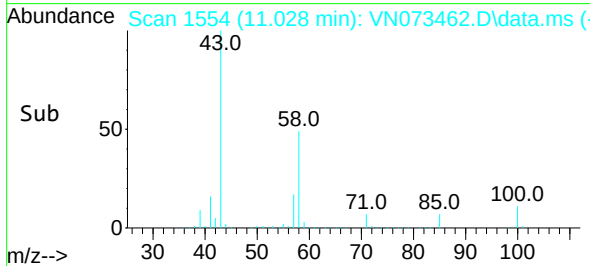
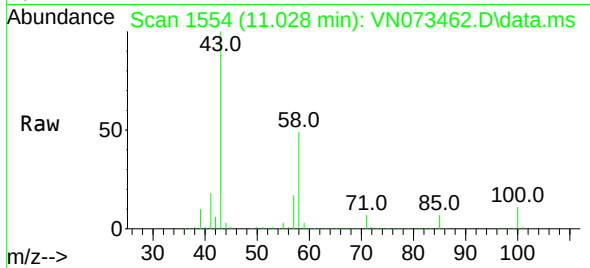
#59
2-Hexanone
Concen: 125.423 ug/l
RT: 11.028 min Scan# 1553
Delta R.T. 0.006 min
Lab File: VN073462.D
Acq: 14 Jul 2022 15:49

Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD02

Tgt Ion: 43 Resp: 45942
Ion Ratio Lower Upper
43 100
58 50.5 29.7 89.1

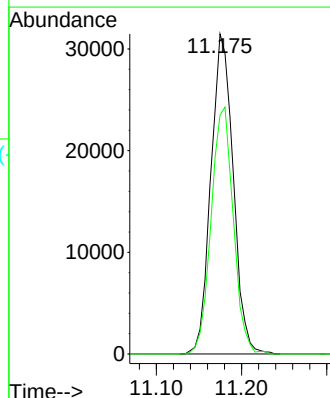
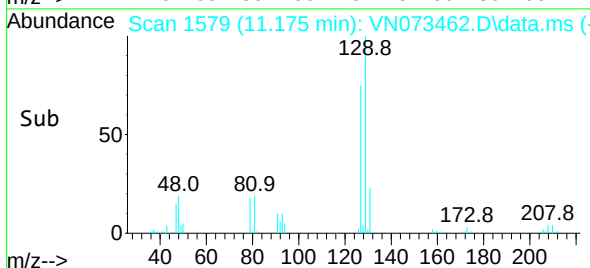
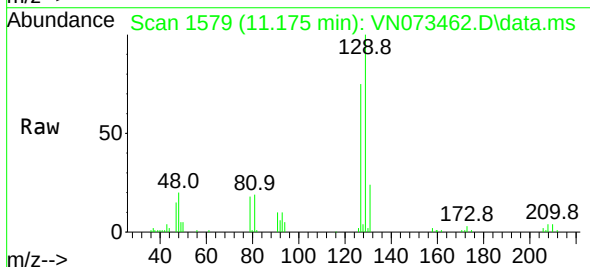
Manual Integrations
APPROVED

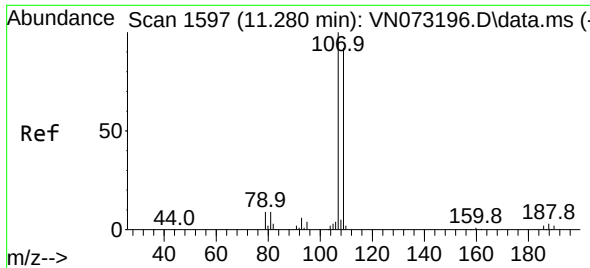
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#60
Dibromochloromethane
Concen: 21.902 ug/l
RT: 11.175 min Scan# 1579
Delta R.T. -0.000 min
Lab File: VN073462.D
Acq: 14 Jul 2022 15:49

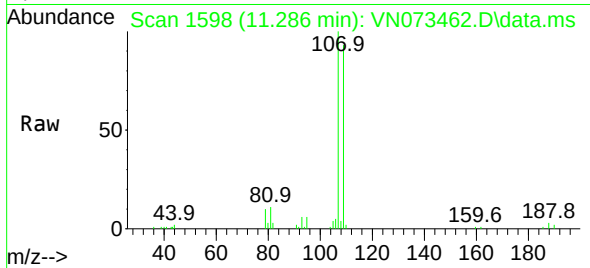
Tgt Ion:129 Resp: 57215
Ion Ratio Lower Upper
129 100
127 76.9 38.8 116.4





#61
1,2-Dibromoethane
Concen: 21.009 ug/l
RT: 11.286 min Scan# 1597
Delta R.T. 0.006 min
Lab File: VN073462.D
Acq: 14 Jul 2022 15:49

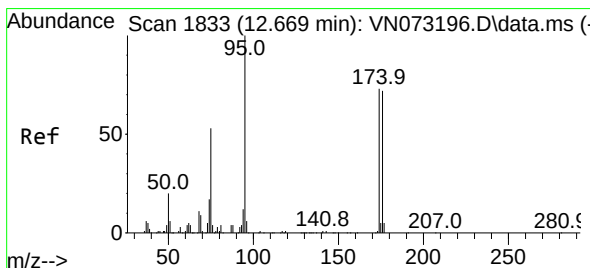
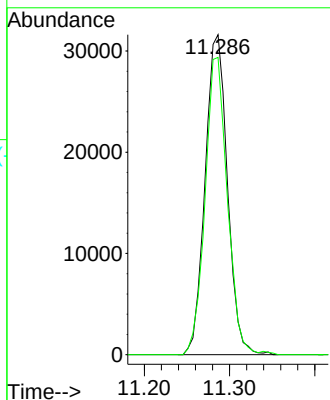
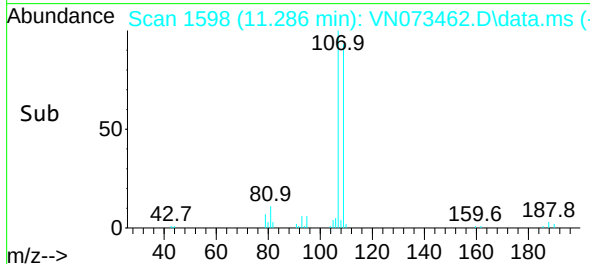
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD02



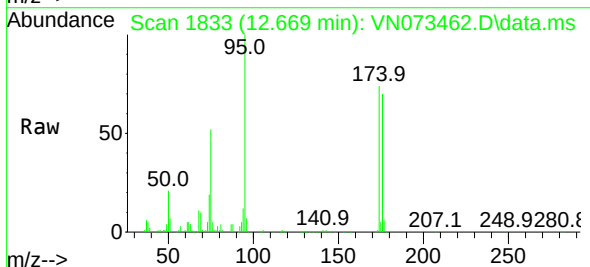
Tgt Ion:107 Resp: 57490
Ion Ratio Lower Upper
107 100
109 93.0 75.0 112.6

Manual Integrations
APPROVED

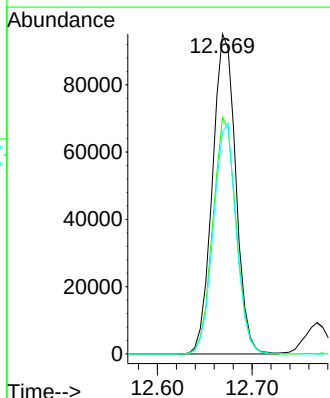
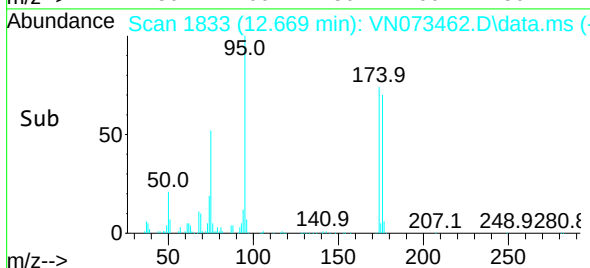
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

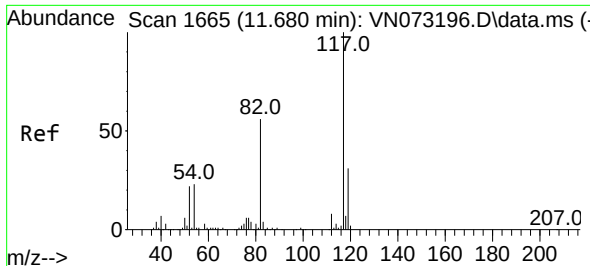


#62
4-Bromofluorobenzene
Concen: 52.552 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073462.D
Acq: 14 Jul 2022 15:49



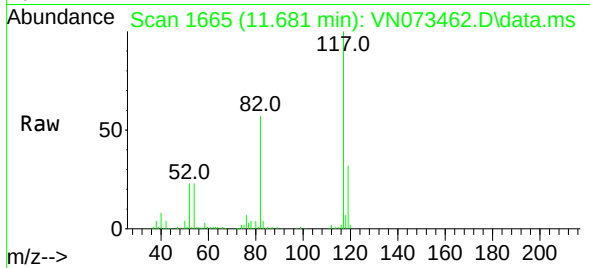
Tgt Ion: 95 Resp: 162666
Ion Ratio Lower Upper
95 100
174 74.0 0.0 167.6
176 70.8 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.681 min Scan# 1665
Delta R.T. 0.001 min
Lab File: VN073462.D
Acq: 14 Jul 2022 15:49

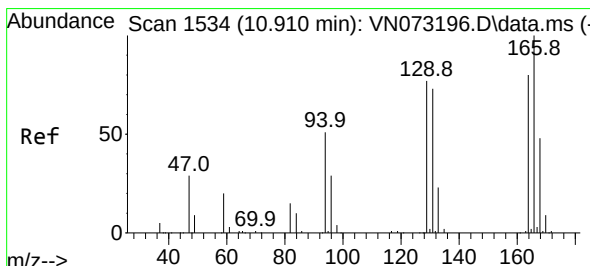
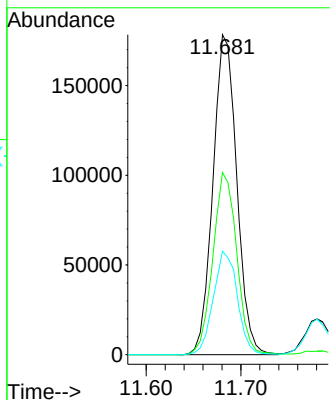
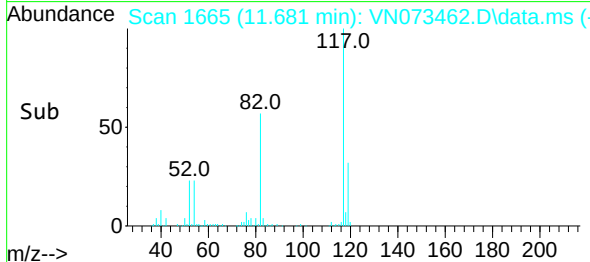
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD02



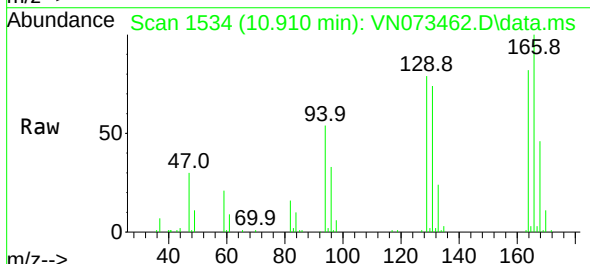
Tgt Ion:117 Resp: 312210
Ion Ratio Lower Upper
117 100
82 57.0 44.2 66.2
119 32.3 25.4 38.0

Manual Integrations
APPROVED

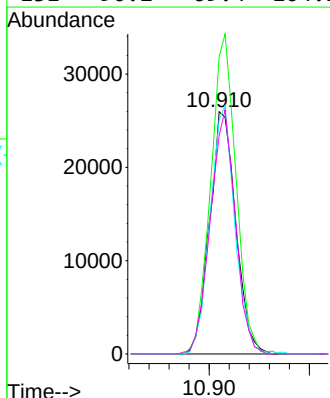
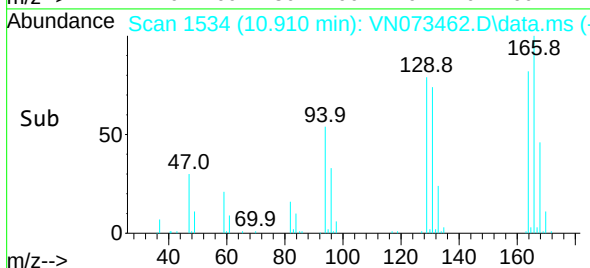
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

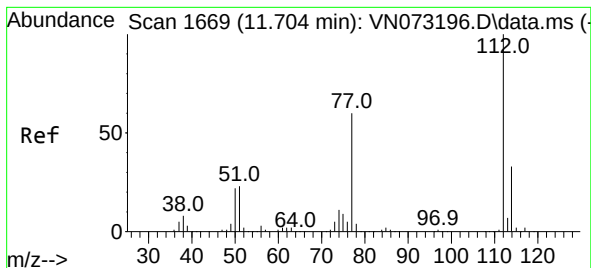


#64
Tetrachloroethene
Concen: 18.397 ug/l
RT: 10.910 min Scan# 1534
Delta R.T. -0.000 min
Lab File: VN073462.D
Acq: 14 Jul 2022 15:49



Tgt Ion:164 Resp: 46903
Ion Ratio Lower Upper
164 100
166 122.7 104.2 156.2
129 96.7 73.9 110.9
131 90.2 69.4 104.2





#65

Chlorobenzene

Concen: 19.546 ug/l

RT: 11.710 min Scan# 1670

Delta R.T. 0.006 min

Lab File: VN073462.D

Acq: 14 Jul 2022 15:49

Instrument :

MSVOA_N

ClientSampleId :

VN0714WBSD02

Tgt Ion:112 Resp: 13801

Ion Ratio Lower Upper

112 100

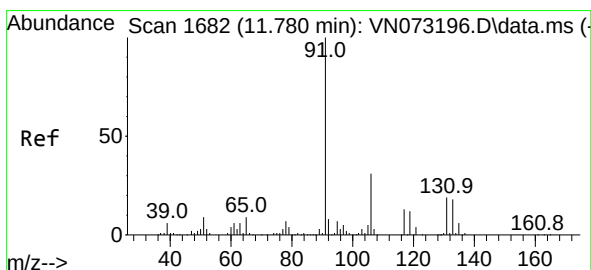
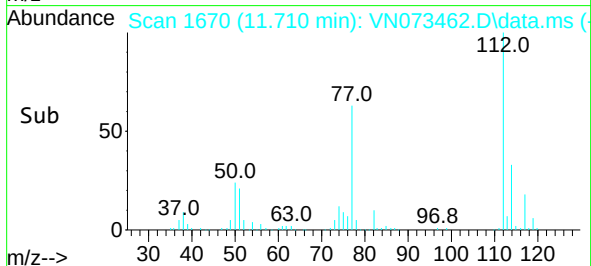
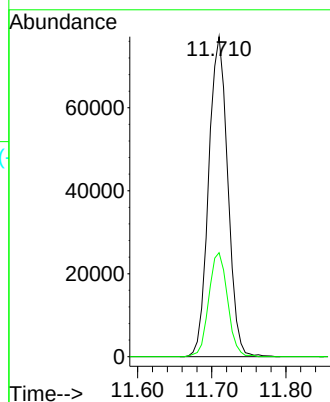
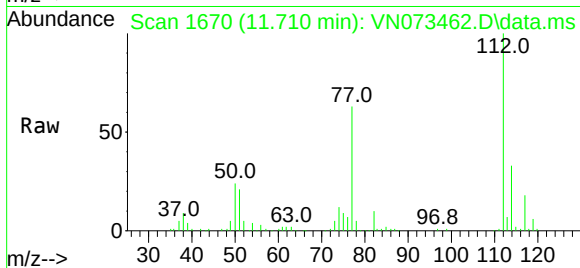
114 32.5 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2022

Supervised By :Mahesh Dadoda 07/15/2022



#66

1,1,1,2-Tetrachloroethane

Concen: 20.541 ug/l

RT: 11.781 min Scan# 1682

Delta R.T. 0.001 min

Lab File: VN073462.D

Acq: 14 Jul 2022 15:49

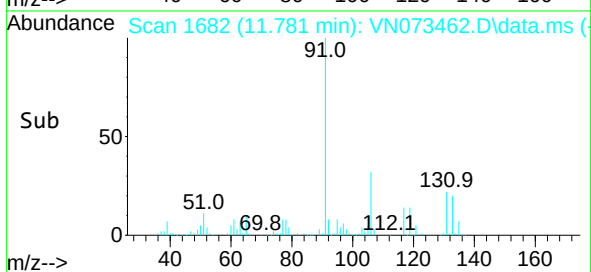
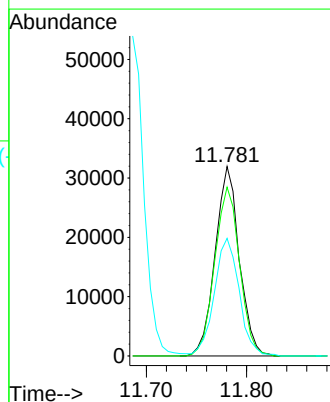
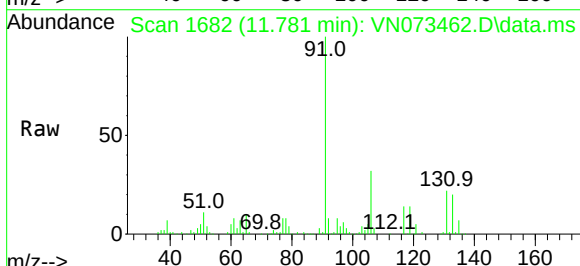
Tgt Ion:131 Resp: 53349

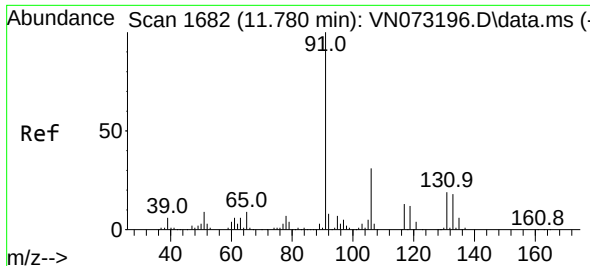
Ion Ratio Lower Upper

131 100

133 91.8 47.8 143.4

119 64.2 33.4 100.2





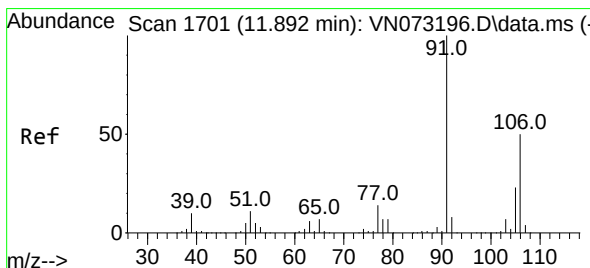
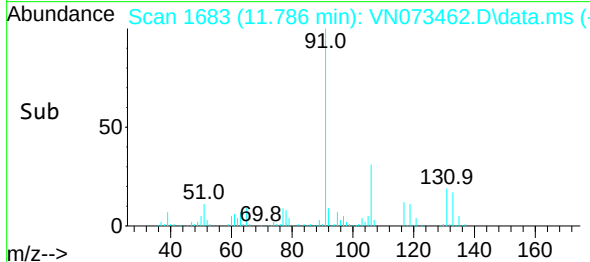
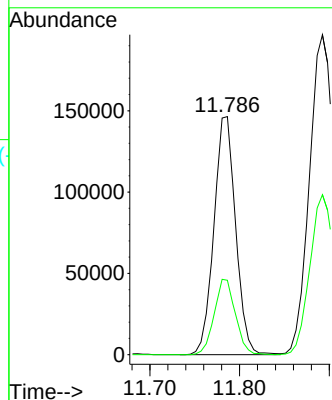
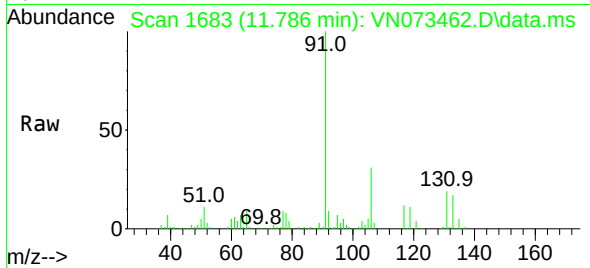
#67
Ethyl Benzene
Concen: 19.235 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.006 min
Lab File: VN073462.D
Acq: 14 Jul 2022 15:49

Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD02

Tgt Ion: 91 Resp: 246578
Ion Ratio Lower Upper
91 100
106 31.2 24.9 37.3

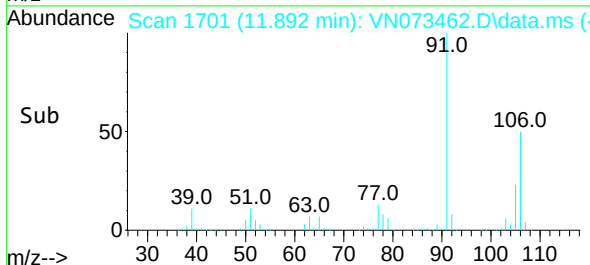
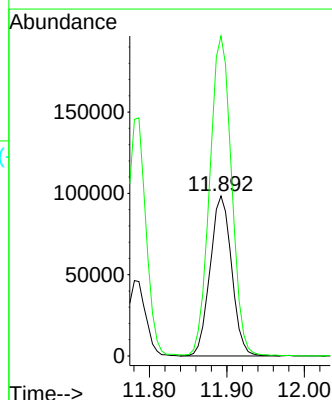
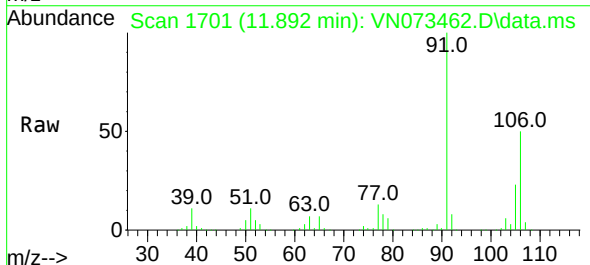
Manual Integrations
APPROVED

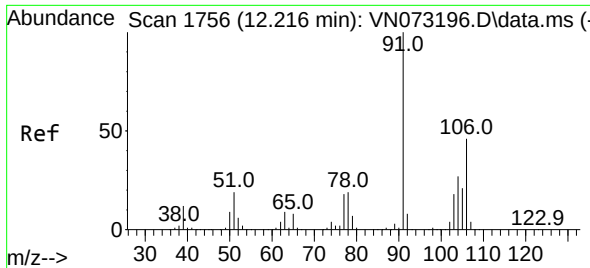
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#68
m/p-Xylenes
Concen: 39.285 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN073462.D
Acq: 14 Jul 2022 15:49

Tgt Ion:106 Resp: 190060
Ion Ratio Lower Upper
106 100
91 203.7 158.9 238.3





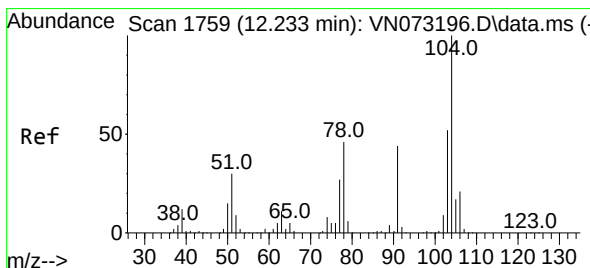
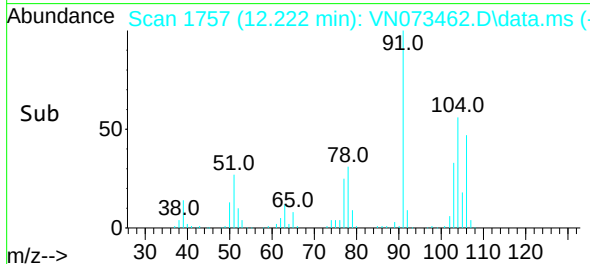
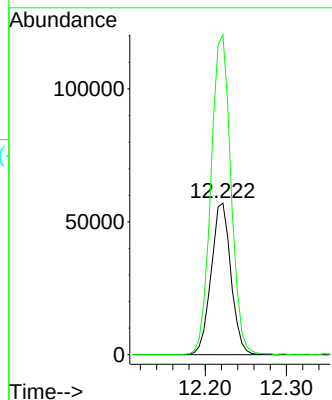
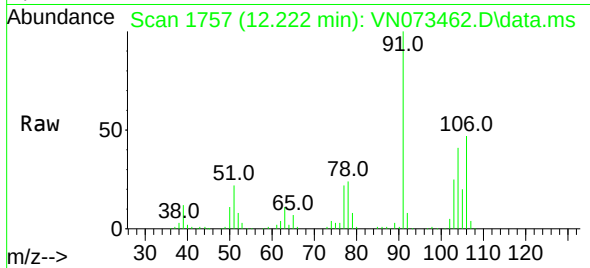
#69
o-Xylene
Concen: 19.552 ug/l
RT: 12.222 min Scan# 1756
Delta R.T. 0.006 min
Lab File: VN073462.D
Acq: 14 Jul 2022 15:49

Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD02

Tgt Ion:106 Resp: 96564
Ion Ratio Lower Upper
106 100
91 213.4 106.0 318.0

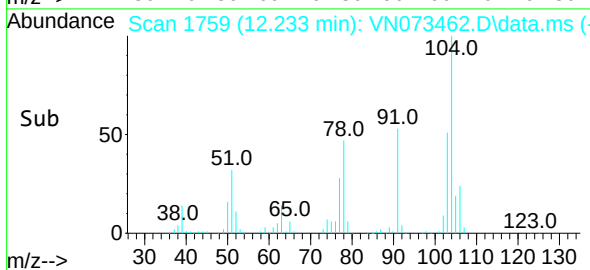
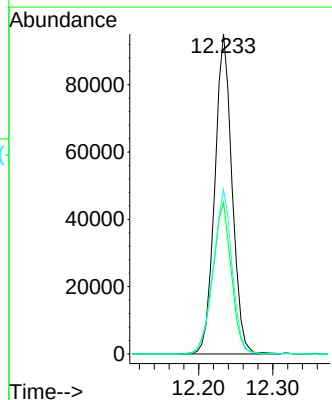
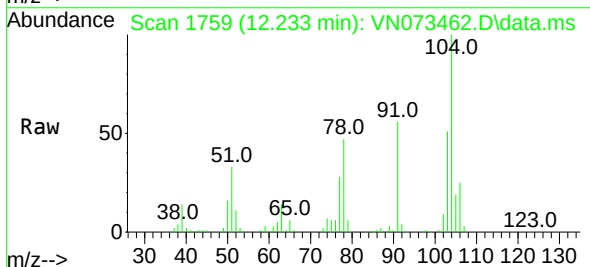
Manual Integrations
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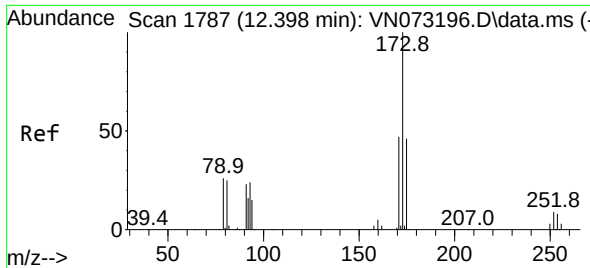
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#70
Styrene
Concen: 20.124 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN073462.D
Acq: 14 Jul 2022 15:49

Tgt Ion:104 Resp: 153455
Ion Ratio Lower Upper
104 100
78 51.6 39.5 59.3
103 55.2 44.0 66.0





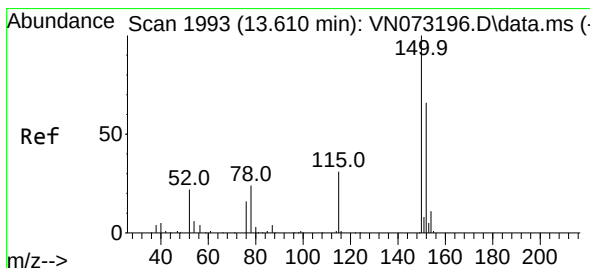
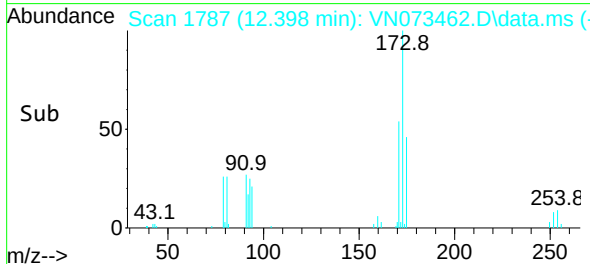
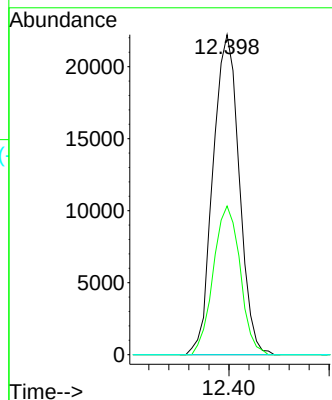
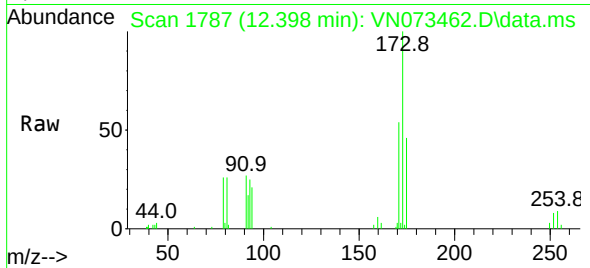
#71
Bromoform
Concen: 21.234 ug/l
RT: 12.398 min Scan# 1787
Delta R.T. 0.000 min
Lab File: VN073462.D
Acq: 14 Jul 2022 15:49

Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD02

Tgt Ion:173 Resp: 4035
Ion Ratio Lower Upper
173 100
175 47.6 24.6 73.6
254 0.0 0.1 0.1

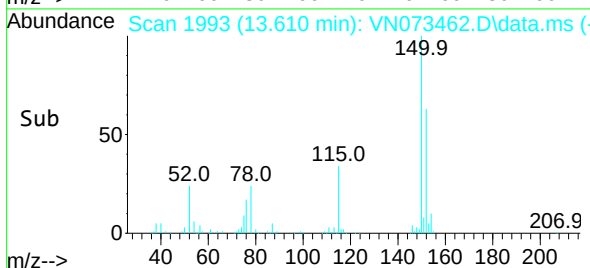
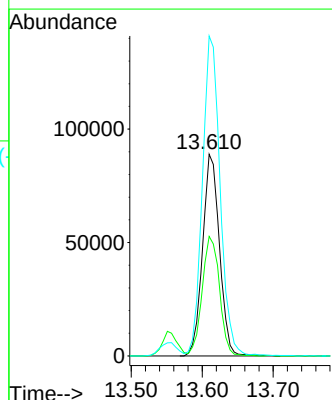
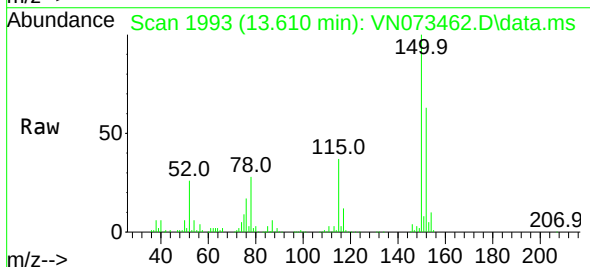
Manual Integrations
APPROVED

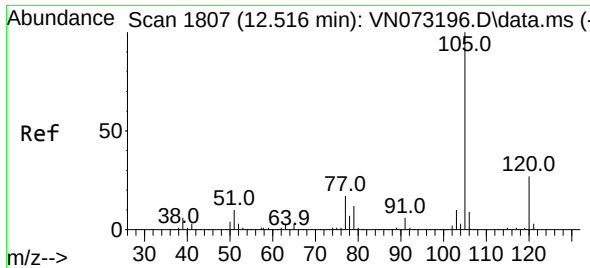
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN073462.D
Acq: 14 Jul 2022 15:49

Tgt Ion:152 Resp: 147395
Ion Ratio Lower Upper
152 100
115 60.7 28.9 86.7
150 166.4 0.0 356.2





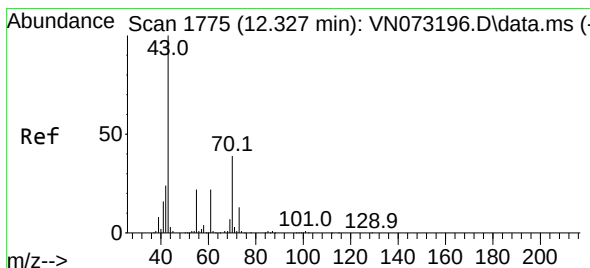
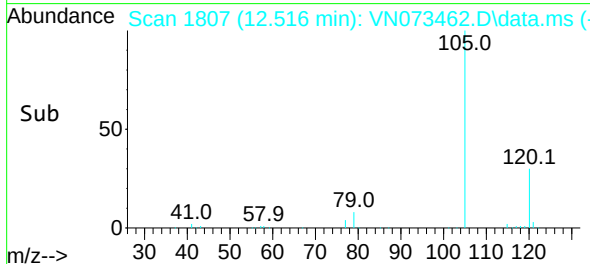
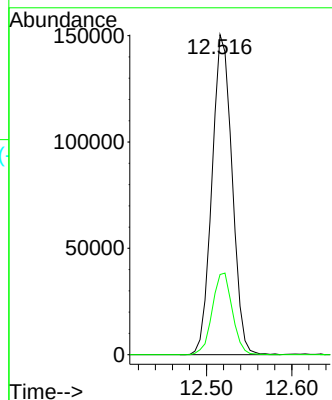
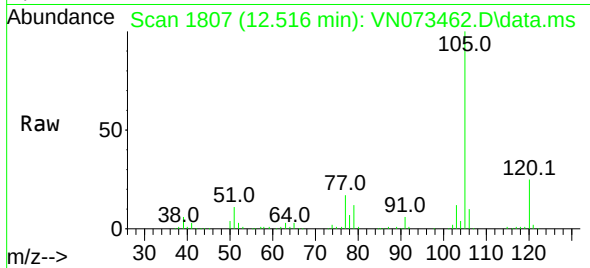
#73
Isopropylbenzene
Concen: 19.405 ug/l
RT: 12.516 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN073462.D
Acq: 14 Jul 2022 15:49

Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD02

Tgt Ion:105 Resp: 24699
Ion Ratio Lower Upper
105 100
120 25.4 13.5 40.4

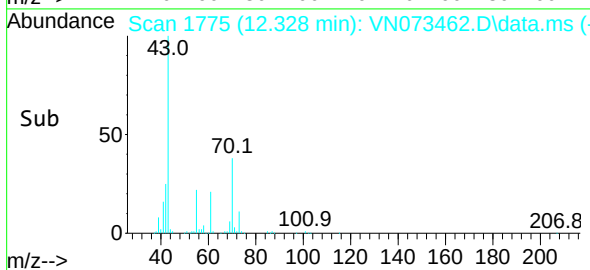
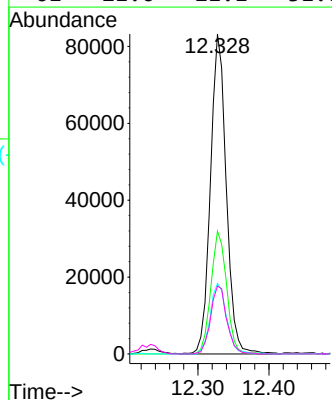
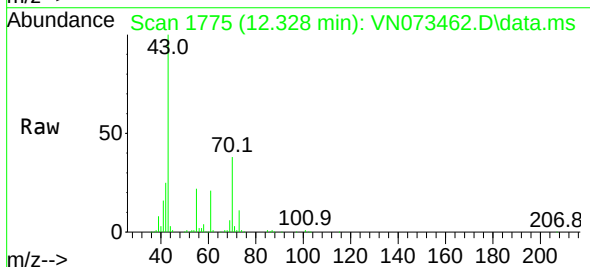
Manual Integrations
APPROVED

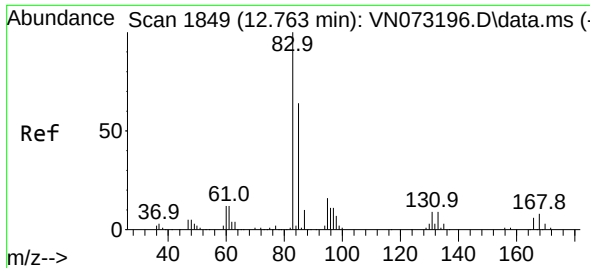
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#74
N-ethyl acetate
Concen: 20.241 ug/l
RT: 12.328 min Scan# 1775
Delta R.T. 0.001 min
Lab File: VN073462.D
Acq: 14 Jul 2022 15:49

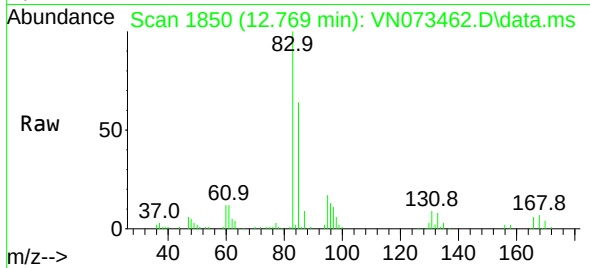
Tgt Ion: 43 Resp: 129004
Ion Ratio Lower Upper
43 100
70 38.0 39.0 58.4#
55 22.7 21.1 31.7
61 21.6 21.1 31.7





#75
 1,1,2,2-Tetrachloroethane
 Concen: 21.769 ug/l
 RT: 12.769 min Scan# 1849
 Delta R.T. 0.006 min
 Lab File: VN073462.D
 Acq: 14 Jul 2022 15:49

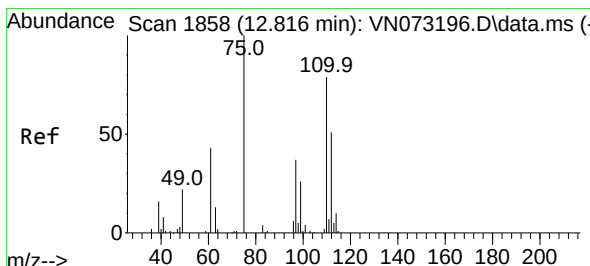
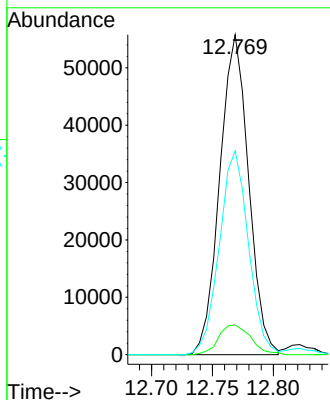
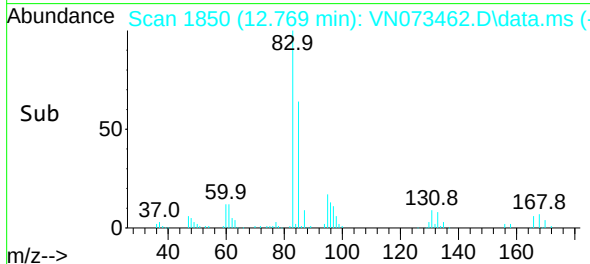
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0714WBSD02



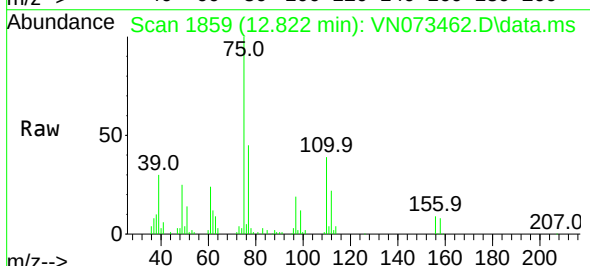
Tgt Ion: 83 Resp: 9194
 Ion Ratio Lower Upper
 83 100
 131 10.4 5.3 15.9
 85 64.2 32.3 96.9

Manual Integrations
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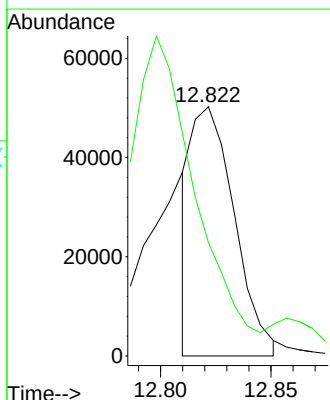
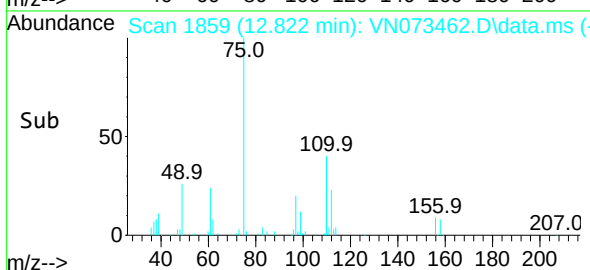
Reviewed By :John Carlone 07/15/2022
 Supervised By :Mahesh Dadoda 07/15/2022

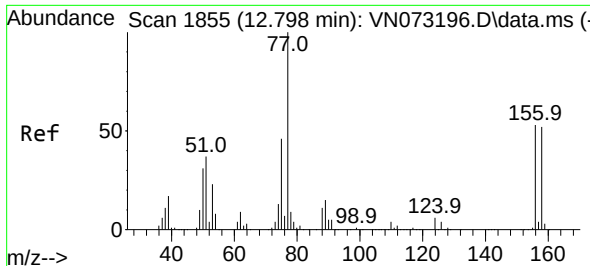


#76
 1,2,3-Trichloropropane
 Concen: 17.623 ug/l m
 RT: 12.822 min Scan# 1859
 Delta R.T. 0.006 min
 Lab File: VN073462.D
 Acq: 14 Jul 2022 15:49



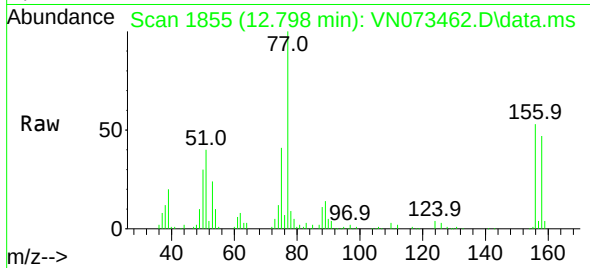
Tgt Ion: 75 Resp: 67922
 Ion Ratio Lower Upper
 75 100
 77 0.0 98.5 295.5#





#77
Bromobenzene
Concen: 18.969 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VN073462.D
Acq: 14 Jul 2022 15:49

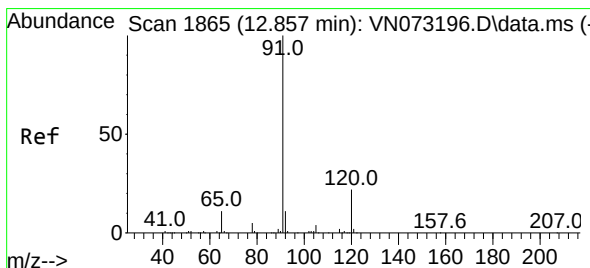
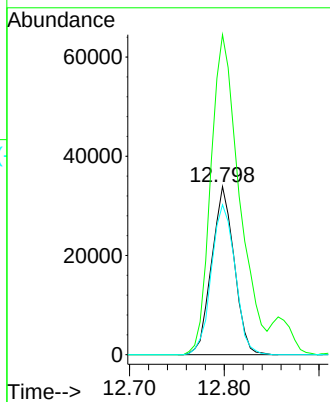
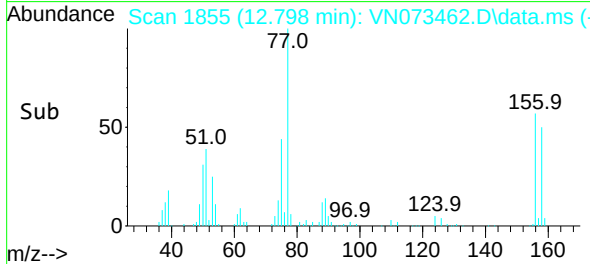
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD02



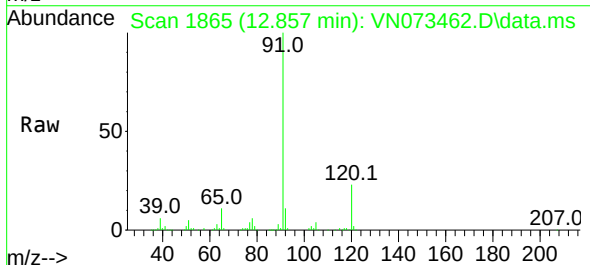
Tgt Ion:156 Resp: 56130
Ion Ratio Lower Upper
156 100
77 240.6 100.5 301.5
158 94.1 48.9 146.6

Manual Integrations
APPROVED

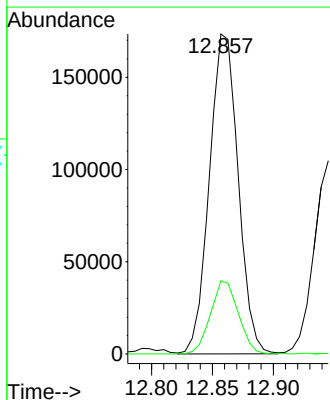
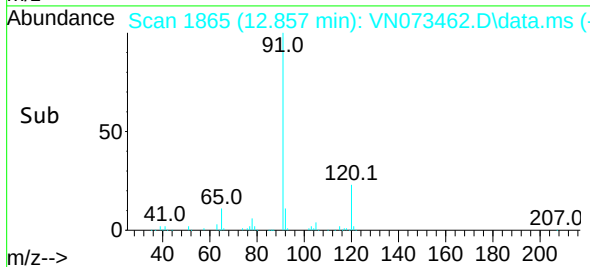
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

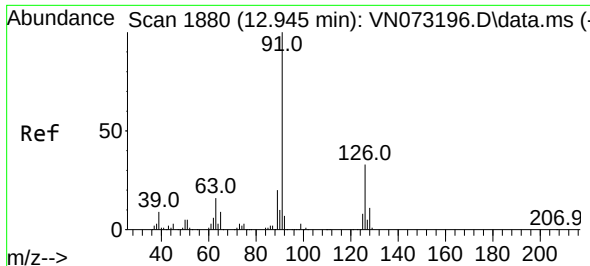


#78
n-propylbenzene
Concen: 20.173 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. -0.000 min
Lab File: VN073462.D
Acq: 14 Jul 2022 15:49



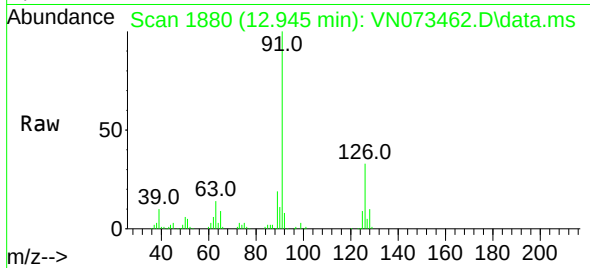
Tgt Ion: 91 Resp: 285244
Ion Ratio Lower Upper
91 100
120 22.1 11.9 35.5





#79
2-Chlorotoluene
Concen: 19.840 ug/l
RT: 12.945 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN073462.D
Acq: 14 Jul 2022 15:49

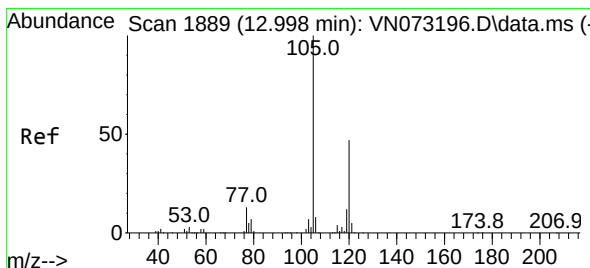
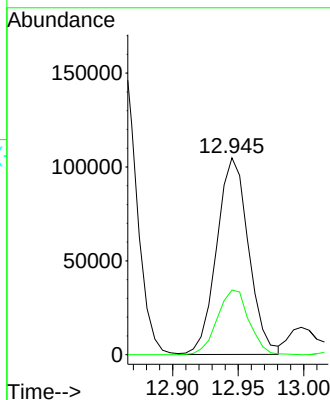
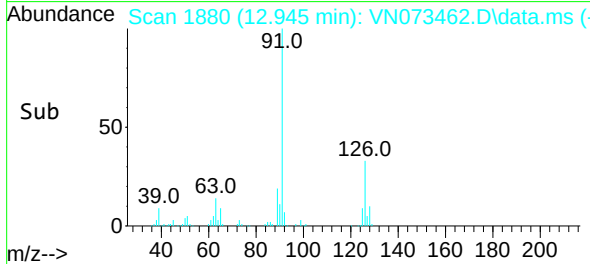
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD02



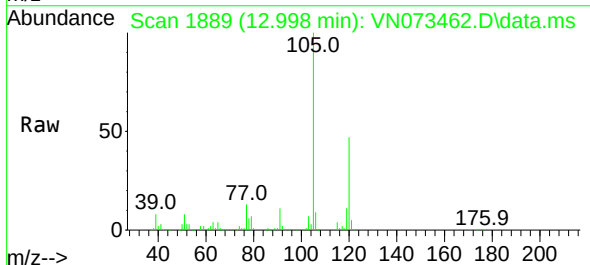
Tgt Ion: 91 Resp: 177554
Ion Ratio Lower Upper
91 100
126 32.7 17.3 51.9

Manual Integrations
APPROVED

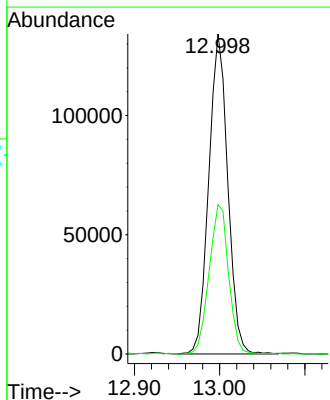
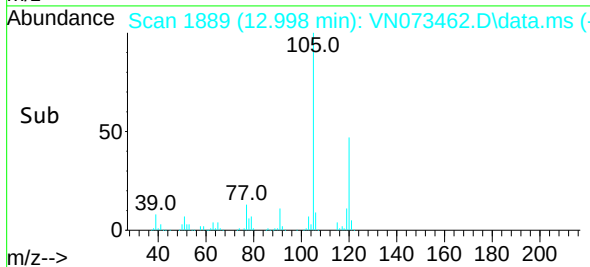
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

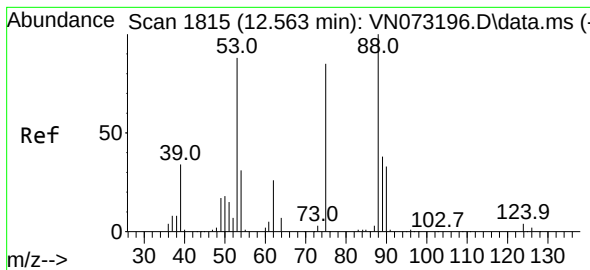


#80
1,3,5-Trimethylbenzene
Concen: 20.021 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VN073462.D
Acq: 14 Jul 2022 15:49



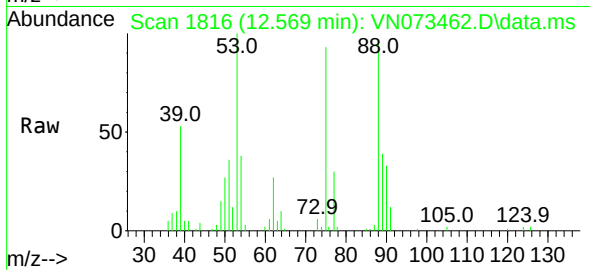
Tgt Ion:105 Resp: 207710
Ion Ratio Lower Upper
105 100
120 47.8 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 20.150 ug/l
RT: 12.569 min Scan# 1815
Delta R.T. 0.006 min
Lab File: VN073462.D
Acq: 14 Jul 2022 15:49

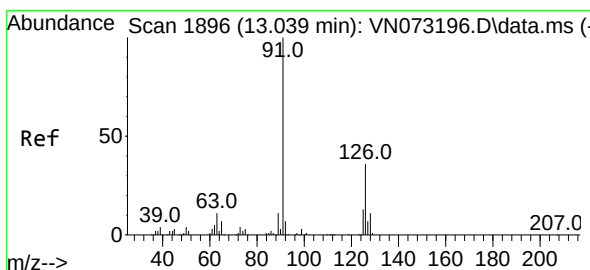
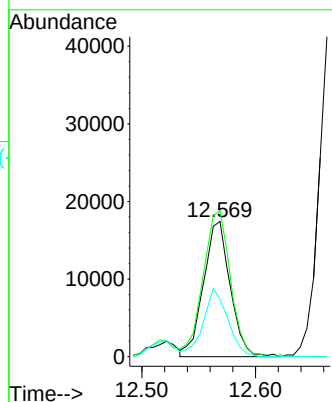
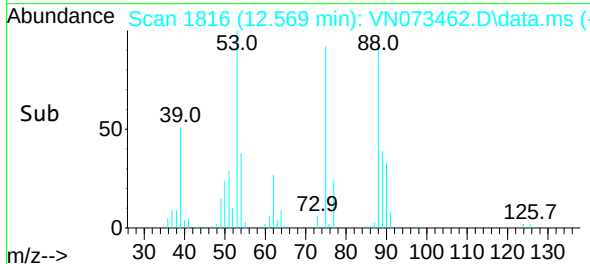
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD02



Tgt Ion: 75 Resp: 2831
Ion Ratio Lower Upper
75 100
53 110.8 78.0 117.0
89 46.7 37.2 55.8

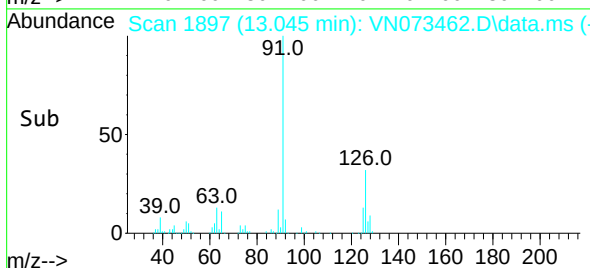
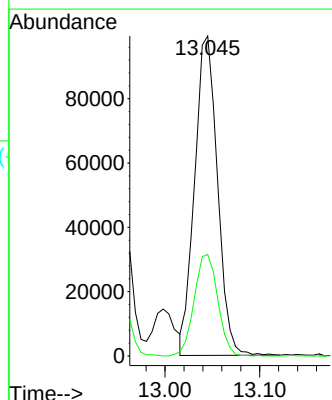
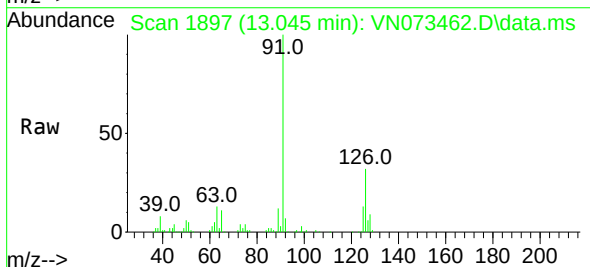
Manual Integrations
APPROVED

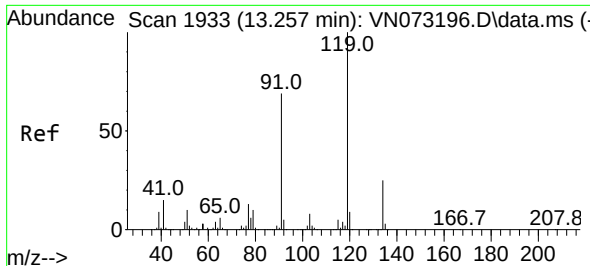
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#82
4-Chlorotoluene
Concen: 19.189 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.006 min
Lab File: VN073462.D
Acq: 14 Jul 2022 15:49

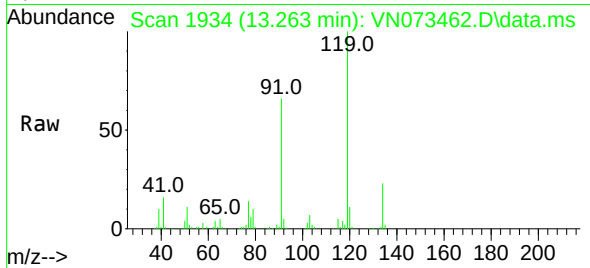
Tgt Ion: 91 Resp: 166257
Ion Ratio Lower Upper
91 100
126 32.8 17.2 51.6





#83
tert-Butylbenzene
Concen: 19.286 ug/l
RT: 13.263 min Scan# 1934
Delta R.T. 0.006 min
Lab File: VN073462.D
Acq: 14 Jul 2022 15:49

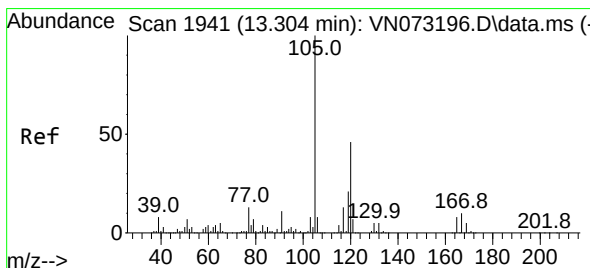
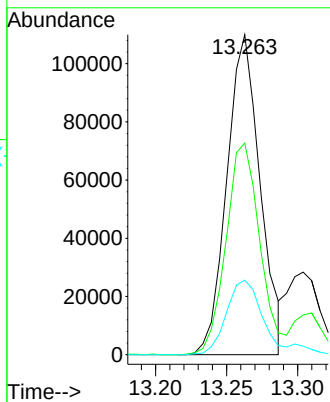
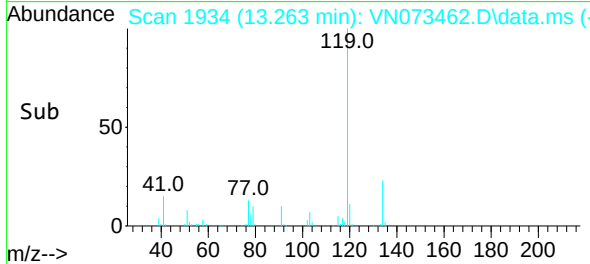
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD02



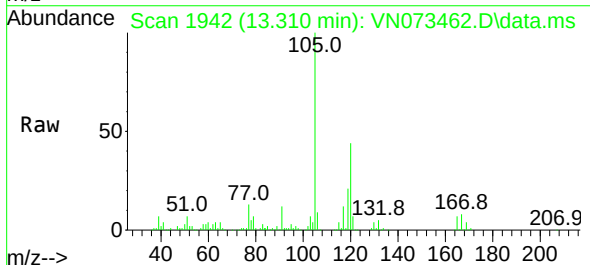
Tgt Ion:119 Resp: 179374
Ion Ratio Lower Upper
119 100
91 67.7 31.6 94.8
134 24.7 13.7 41.1

Manual Integrations
APPROVED

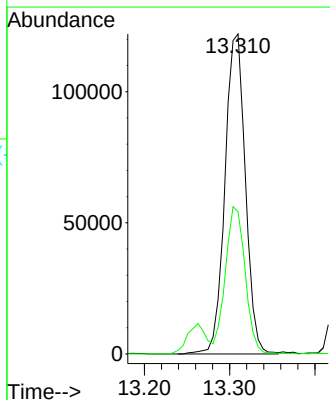
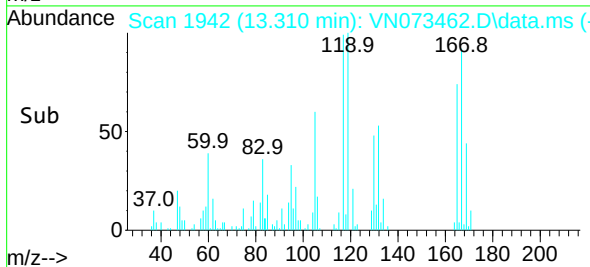
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

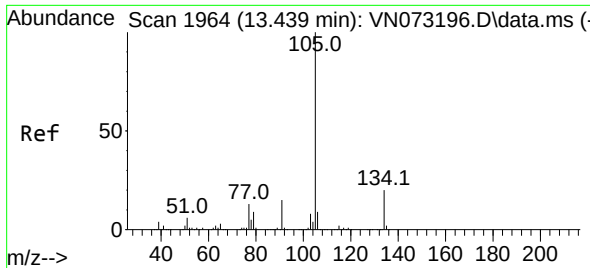


#84
1,2,4-Trimethylbenzene
Concen: 19.588 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. 0.006 min
Lab File: VN073462.D
Acq: 14 Jul 2022 15:49



Tgt Ion:105 Resp: 202889
Ion Ratio Lower Upper
105 100
120 44.8 23.3 69.8





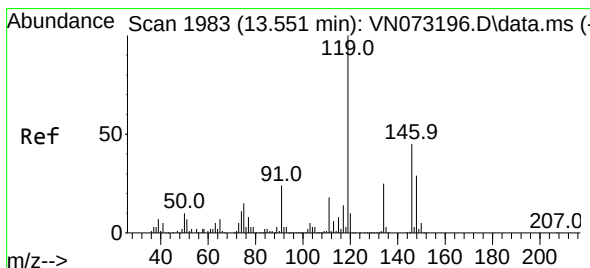
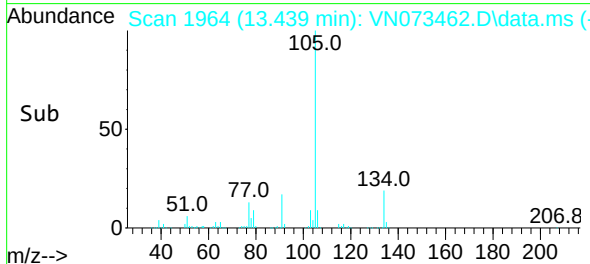
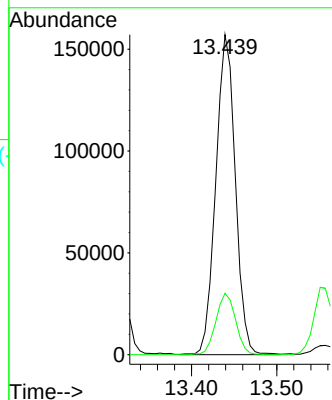
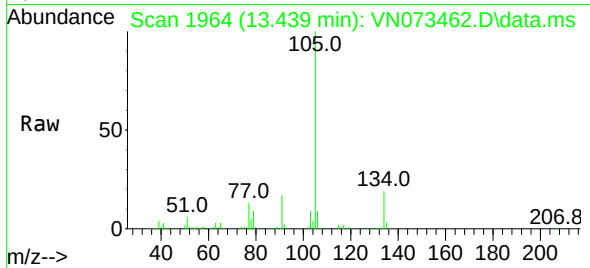
#85
 sec-Butylbenzene
 Concen: 20.028 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VN073462.D
 Acq: 14 Jul 2022 15:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0714WBSD02

Tgt Ion:105 Resp: 25013
 Ion Ratio Lower Upper
 105 100
 134 19.3 10.4 31.1

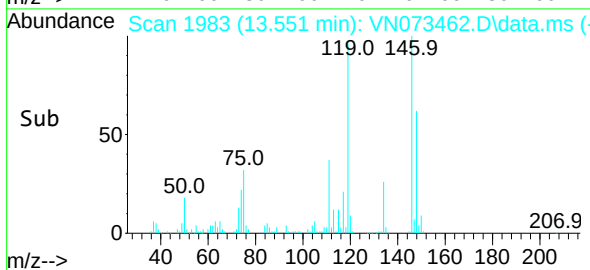
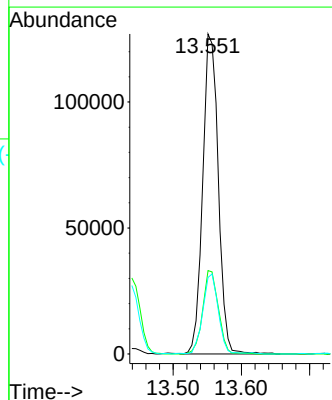
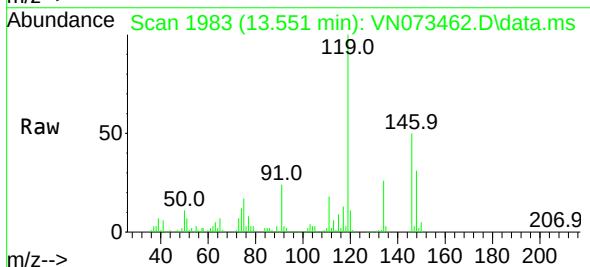
Manual Integrations
 APPROVED

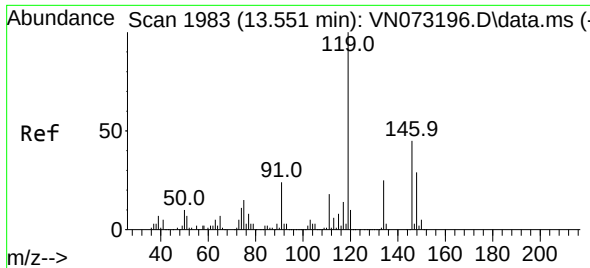
Reviewed By :John Carlone 07/15/2022
 Supervised By :Mahesh Dadoda 07/15/2022



#86
 p-Isopropyltoluene
 Concen: 19.998 ug/l
 RT: 13.551 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN073462.D
 Acq: 14 Jul 2022 15:49

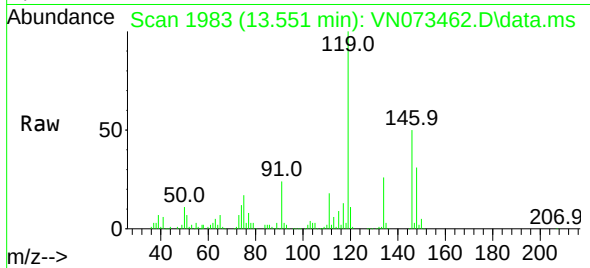
Tgt Ion:119 Resp: 201753
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.3 39.8
 91 25.0 11.3 33.9





#87
 1,3-Dichlorobenzene
 Concen: 19.779 ug/l
 RT: 13.551 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN073462.D
 Acq: 14 Jul 2022 15:49

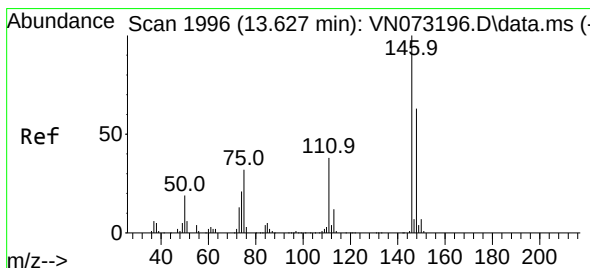
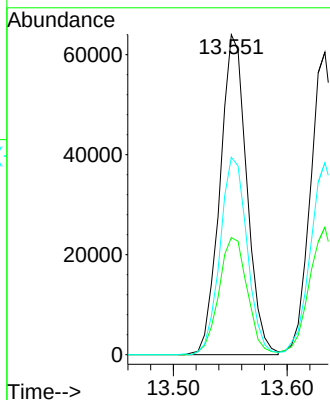
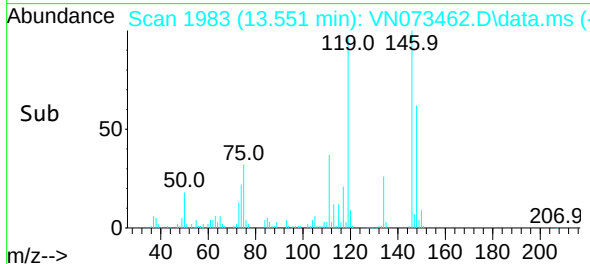
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0714WBSD02



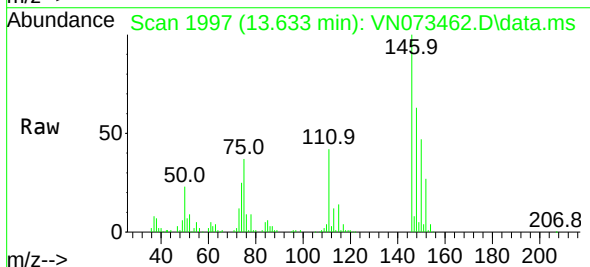
Tgt Ion:146 Resp: 105007
 Ion Ratio Lower Upper
 146 100
 111 38.8 20.0 60.0
 148 62.4 32.0 96.0

Manual Integrations
 APPROVED

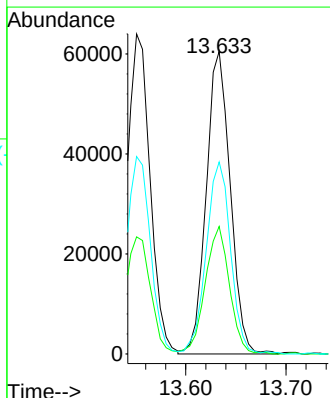
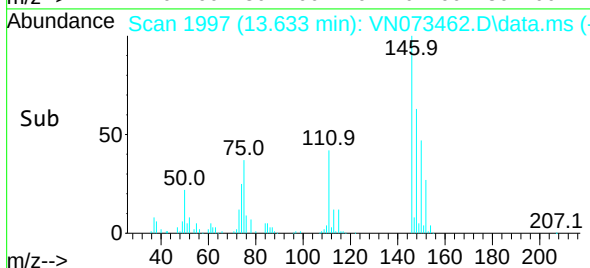
Reviewed By :John Carlone 07/15/2022
 Supervised By :Mahesh Dadoda 07/15/2022

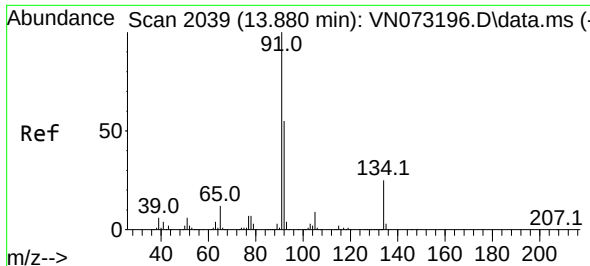


#88
 1,4-Dichlorobenzene
 Concen: 18.959 ug/l
 RT: 13.633 min Scan# 1997
 Delta R.T. 0.006 min
 Lab File: VN073462.D
 Acq: 14 Jul 2022 15:49



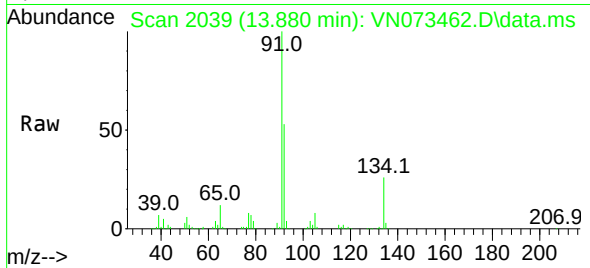
Tgt Ion:146 Resp: 100846
 Ion Ratio Lower Upper
 146 100
 111 42.6 19.1 57.1
 148 64.7 31.4 94.3





#89
n-Butylbenzene
Concen: 19.480 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN073462.D
Acq: 14 Jul 2022 15:49

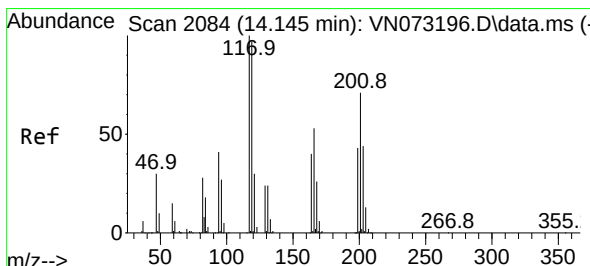
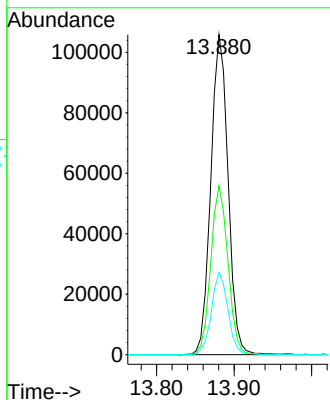
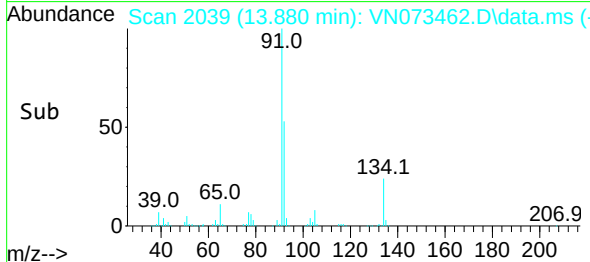
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD02



Tgt Ion: 91 Resp: 16376
Ion Ratio Lower Upper
91 100
92 52.4 26.9 80.7
134 24.7 13.6 40.8

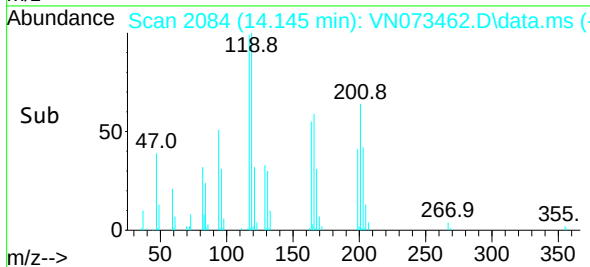
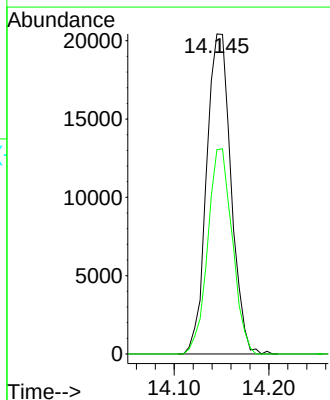
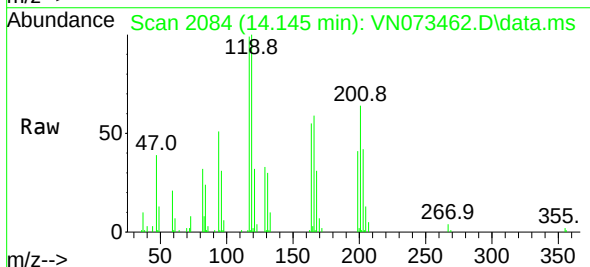
Manual Integrations
APPROVED

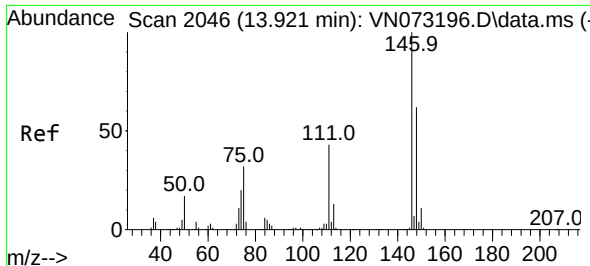
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#90
Hexachloroethane
Concen: 19.485 ug/l
RT: 14.145 min Scan# 2084
Delta R.T. 0.000 min
Lab File: VN073462.D
Acq: 14 Jul 2022 15:49

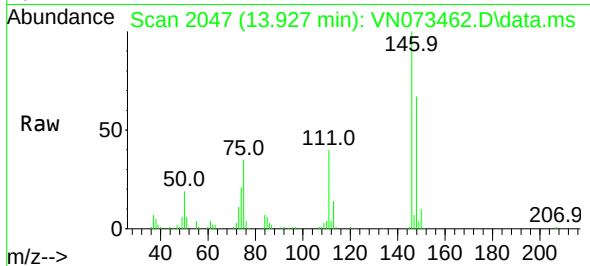
Tgt Ion:117 Resp: 36635
Ion Ratio Lower Upper
117 100
201 64.4 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 19.655 ug/l
RT: 13.927 min Scan# 2046
Delta R.T. 0.006 min
Lab File: VN073462.D
Acq: 14 Jul 2022 15:49

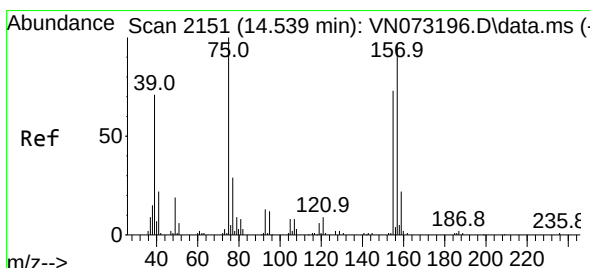
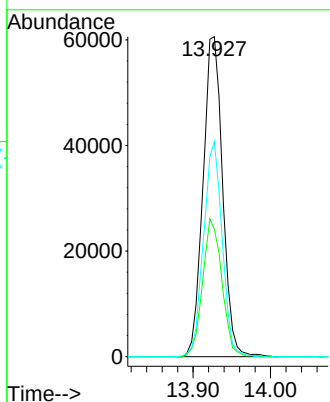
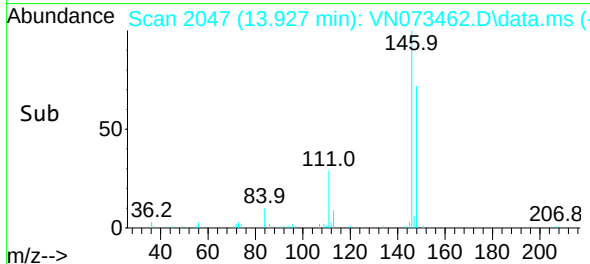
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD02



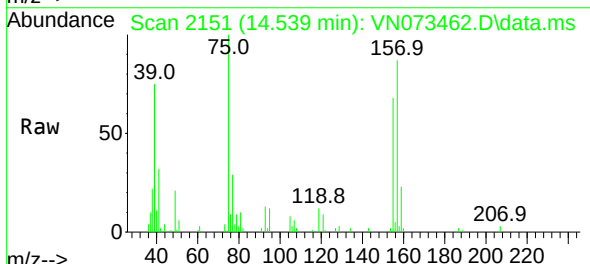
Tgt Ion:146 Resp: 10629
Ion Ratio Lower Upper
146 100
111 42.3 20.9 62.8
148 63.9 32.1 96.3

Manual Integrations
APPROVED

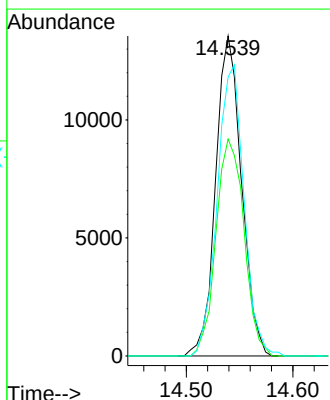
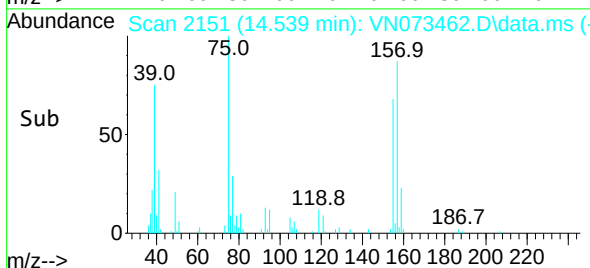
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

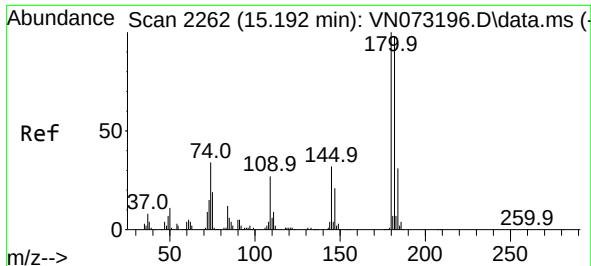


#92
1,2-Dibromo-3-Chloropropane
Concen: 22.306 ug/l
RT: 14.539 min Scan# 2151
Delta R.T. 0.000 min
Lab File: VN073462.D
Acq: 14 Jul 2022 15:49



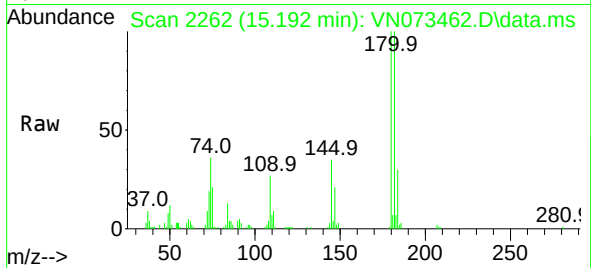
Tgt Ion: 75 Resp: 22899
Ion Ratio Lower Upper
75 100
155 73.4 44.9 134.5
157 93.8 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 19.221 ug/l
RT: 15.192 min Scan# 2262
Delta R.T. 0.000 min
Lab File: VN073462.D
Acq: 14 Jul 2022 15:49

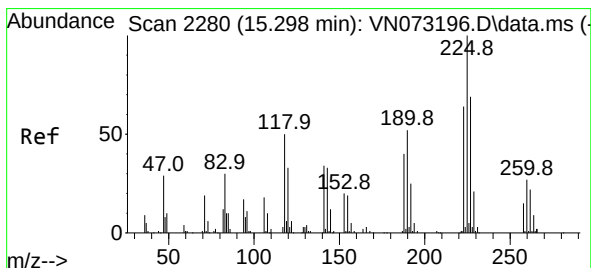
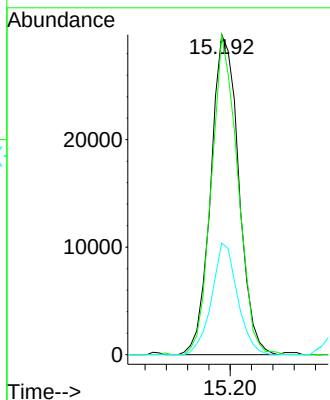
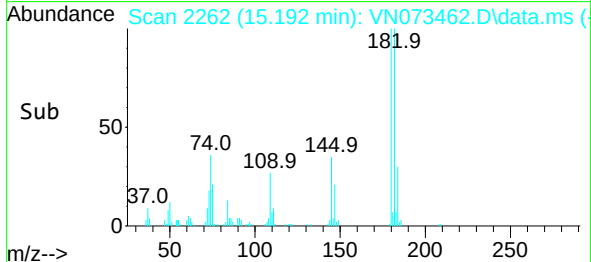
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBSD02



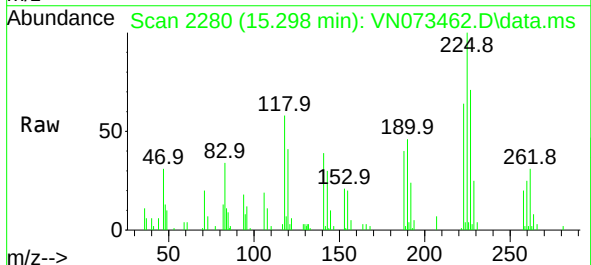
Tgt Ion:180 Resp: 54124
Ion Ratio Lower Upper
180 100
182 93.8 47.5 142.5
145 32.3 14.5 43.5

Manual Integrations
APPROVED

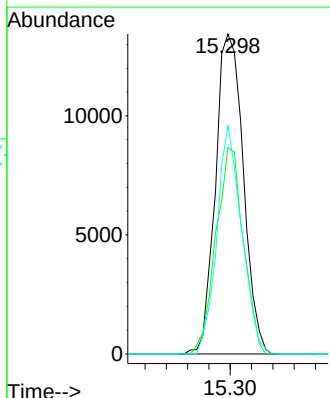
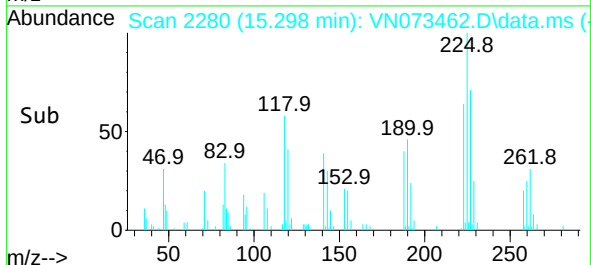
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

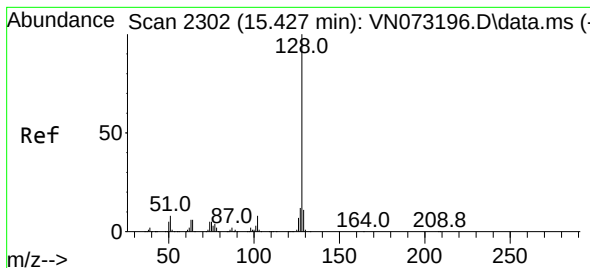


#94
Hexachlorobutadiene
Concen: 19.458 ug/l
RT: 15.298 min Scan# 2280
Delta R.T. -0.000 min
Lab File: VN073462.D
Acq: 14 Jul 2022 15:49



Tgt Ion:225 Resp: 24357
Ion Ratio Lower Upper
225 100
223 63.6 32.4 97.2
227 63.6 31.8 95.4





#95

Naphthalene

Concen: 19.144 ug/l

RT: 15.433 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN073462.D

Acq: 14 Jul 2022 15:49

Instrument :

MSVOA_N

ClientSampleId :

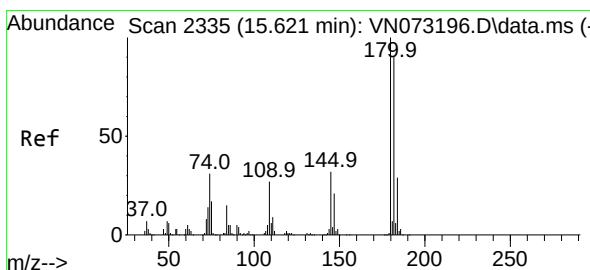
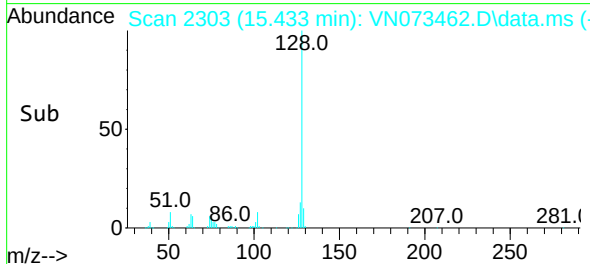
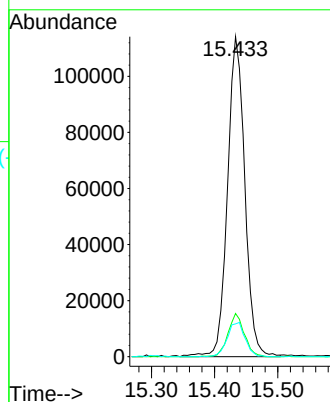
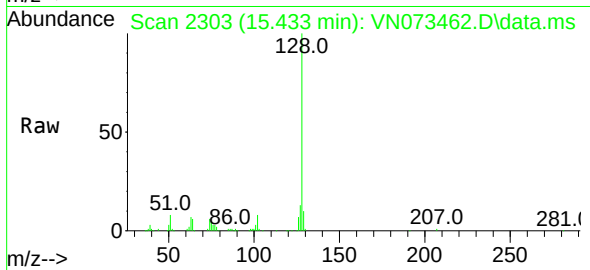
VN0714WBSD02

Tgt Ion:128 Resp: 217474
 Ion Ratio Lower Upper
 128 100
 127 12.7 10.3 15.5
 129 11.1 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2022
 Supervised By :Mahesh Dadoda 07/15/2022



#96

1,2,3-Trichlorobenzene

Concen: 19.774 ug/l

RT: 15.627 min Scan# 2336

Delta R.T. 0.006 min

Lab File: VN073462.D

Acq: 14 Jul 2022 15:49

Tgt Ion:180 Resp: 57440
 Ion Ratio Lower Upper
 180 100
 182 95.9 47.8 143.3
 145 32.0 15.5 46.5

