

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071422\
 Data File : VN073461.D
 Acq On : 14 Jul 2022 15:15
 Operator : JC\MD
 Sample : VN0714WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0714WBS02

Manual Integrations
 APPROVED

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

Quant Time: Jul 15 02:01:38 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	201425	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	354565	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	324387	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	152610	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	159585	54.882	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.760%			
35) Dibromofluoromethane	7.951	113	125484	53.194	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.380%			
50) Toluene-d8	10.381	98	420325	50.168	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.340%			
62) 4-Bromofluorobenzene	12.669	95	166542	51.725	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.460%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	52501	17.828	ug/l	98
3) Chloromethane	2.263	50	50195	17.557	ug/l	100
4) Vinyl Chloride	2.405	62	44851	18.463	ug/l	94
5) Bromomethane	2.799	94	24188	21.081	ug/l	99
6) Chloroethane	2.963	64	28552	19.981	ug/l	94
7) Trichlorofluoromethane	3.316	101	76430	18.199	ug/l	96
8) Diethyl Ether	3.763	74	35090	20.525	ug/l	76
9) 1,1,2-Trichlorotrifluo...	4.140	101	47303	19.062	ug/l	97
10) Methyl Iodide	4.351	142	48055	17.180	ug/l	97
11) Tert butyl alcohol	5.293	59	81805	116.135	ug/l	99
12) 1,1-Dichloroethene	4.110	96	45377	19.137	ug/l	98
13) Acrolein	3.981	56	22403	50.318	ug/l	99
14) Allyl chloride	4.763	41	102582	20.536	ug/l #	91
15) Acrylonitrile	5.475	53	215331	118.751	ug/l	99
16) Acetone	4.222	43	201917	123.709	ug/l	95
17) Carbon Disulfide	4.457	76	99213	16.136	ug/l	98
18) Methyl Acetate	4.775	43	118097	25.819	ug/l #	88
19) Methyl tert-butyl Ether	5.540	73	187050	21.644	ug/l	98
20) Methylene Chloride	5.016	84	58294	20.323	ug/l	89
21) trans-1,2-Dichloroethene	5.522	96	46002	18.567	ug/l	97
22) Diisopropyl ether	6.416	45	210605	22.594	ug/l	96
23) Vinyl Acetate	6.351	43	892132	106.900	ug/l #	93
24) 1,1-Dichloroethane	6.310	63	106161	22.009	ug/l	100
25) 2-Butanone	7.257	43	329433	126.772	ug/l #	89
26) 2,2-Dichloropropane	7.245	77	84987	19.050	ug/l	98
27) cis-1,2-Dichloroethene	7.245	96	59660	19.884	ug/l	92
28) Bromochloromethane	7.587	49	49242	24.375	ug/l #	80
29) Tetrahydrofuran	7.610	42	215603	121.170	ug/l #	86
30) Chloroform	7.745	83	107269	22.080	ug/l	97
31) Cyclohexane	8.022	56	88409	18.565	ug/l	91
32) 1,1,1-Trichloroethane	7.939	97	88909	20.535	ug/l	98
36) 1,1-Dichloropropene	8.151	75	71475	19.691	ug/l	95
37) Ethyl Acetate	7.334	43	118797	21.661	ug/l	96
38) Carbon Tetrachloride	8.134	117	70915	18.892	ug/l	96
39) Methylcyclohexane	9.392	83	78623	17.398	ug/l	92
40) Benzene	8.392	78	227320	20.293	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	60760	22.843	ug/l #	87
42) 1,2-Dichloroethane	8.463	62	85138	20.967	ug/l	98
43) Isopropyl Acetate	8.492	43	176225	22.358	ug/l #	92
44) Trichloroethene	9.151	130	53124	18.635	ug/l	98
45) 1,2-Dichloropropane	9.428	63	60801	21.295	ug/l	98
46) Dibromomethane	9.516	93	39950	20.607	ug/l	92
47) Bromodichloromethane	9.698	83	81676	21.753	ug/l	98
48) Methyl methacrylate	9.498	41	74976	20.544	ug/l	88
49) 1,4-Dioxane	9.504	88	33794	487.776	ug/l #	89
51) 4-Methyl-2-Pentanone	10.269	43	604686	120.974	ug/l	90
52) Toluene	10.445	92	138418	19.994	ug/l	100
53) t-1,3-Dichloropropene	10.663	75	84076	20.340	ug/l	97
54) cis-1,3-Dichloropropene	10.128	75	90641	20.312	ug/l #	84
55) 1,1,2-Trichloroethane	10.839	97	58463	20.513	ug/l	97
56) Ethyl methacrylate	10.704	69	93537	20.305	ug/l #	82
57) 1,3-Dichloropropane	10.986	76	102507	20.981	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.981	63	222129	108.122	ug/l	93
59) 2-Hexanone	11.028	43	465640	122.209	ug/l	88
60) Dibromochloromethane	11.180	129	58320	21.463	ug/l	97
61) 1,2-Dibromoethane	11.286	107	58424	20.523	ug/l	97
64) Tetrachloroethene	10.916	164	50704	19.142	ug/l	93
65) Chlorobenzene	11.710	112	143337	19.538	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.780	131	54432	20.171	ug/l	98
67) Ethyl Benzene	11.786	91	261415	19.627	ug/l	100
68) m/p-Xylenes	11.892	106	196436	39.079	ug/l	96
69) o-Xylene	12.222	106	97688	19.037	ug/l	94
70) Styrene	12.233	104	160268	20.229	ug/l	99
71) Bromoform	12.398	173	41355	20.944	ug/l #	97
73) Isopropylbenzene	12.522	105	255604	19.396	ug/l	99
74) N-amyl acetate	12.327	43	128464	19.468	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.769	83	94050	21.506	ug/l	98
76) 1,2,3-Trichloropropane	12.822	75	70880m	17.762	ug/l	
77) Bromobenzene	12.798	156	59171	19.312	ug/l	83
78) n-propylbenzene	12.857	91	290070	19.813	ug/l	97
79) 2-Chlorotoluene	12.945	91	182272	19.671	ug/l	97
80) 1,3,5-Trimethylbenzene	12.998	105	210148	19.564	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.563	75	28203	19.383	ug/l	94
82) 4-Chlorotoluene	13.045	91	173782	19.373	ug/l	96
83) tert-Butylbenzene	13.263	119	187468	19.467	ug/l	95
84) 1,2,4-Trimethylbenzene	13.310	105	213334	19.892	ug/l	96
85) sec-Butylbenzene	13.439	105	258361	19.980	ug/l	98
86) p-Isopropyltoluene	13.557	119	209197	20.027	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	105029	19.107	ug/l	97
88) 1,4-Dichlorobenzene	13.633	146	105324	19.124	ug/l	99
89) n-Butylbenzene	13.880	91	167468	19.239	ug/l	96
90) Hexachloroethane	14.145	117	38751	19.906	ug/l	83
91) 1,2-Dichlorobenzene	13.927	146	109715	19.594	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	21383	20.117	ug/l	91
93) 1,2,4-Trichlorobenzene	15.192	180	57072	19.575	ug/l	98
94) Hexachlorobutadiene	15.298	225	26154	20.179	ug/l	95
95) Naphthalene	15.433	128	224395	19.078	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	61816	20.553	ug/l	95

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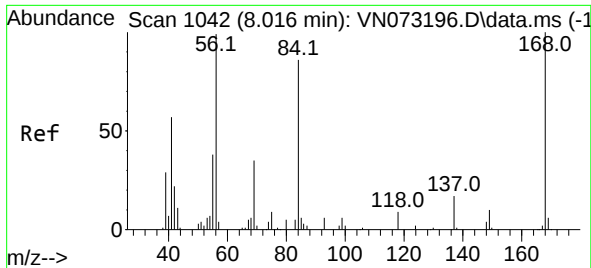
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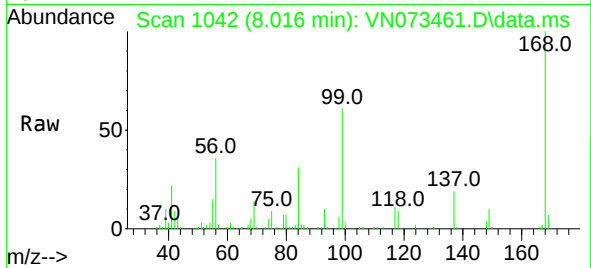
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073461.D
Acq: 14 Jul 2022 15:15

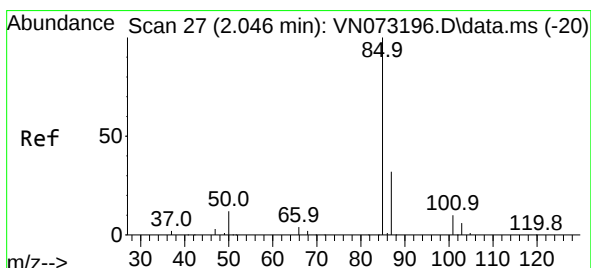
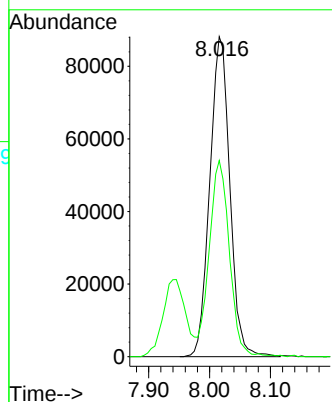
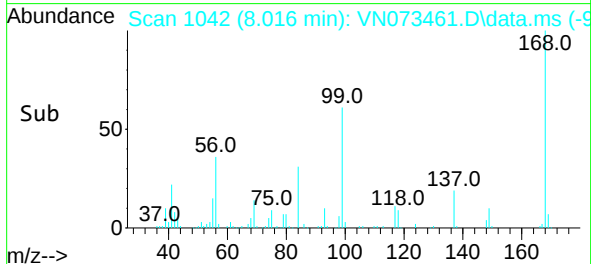
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBS02



Tgt Ion:168 Resp: 201429
Ion Ratio Lower Upper
168 100
99 60.8 42.3 63.5

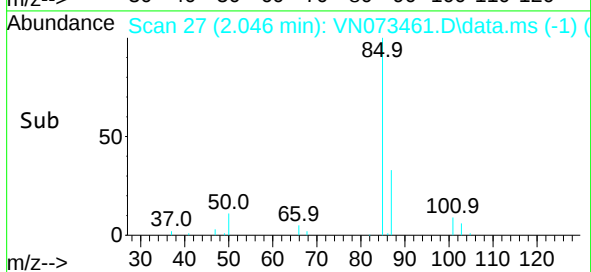
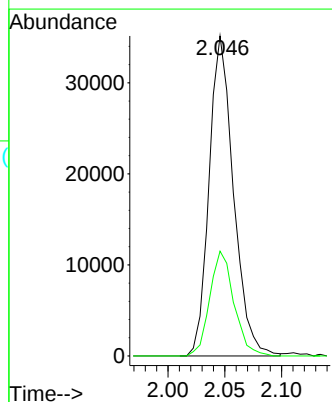
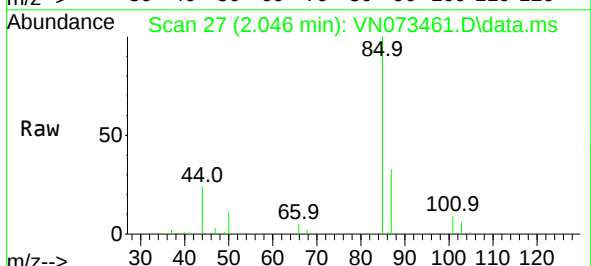
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#2
Dichlorodifluoromethane
Concen: 17.828 ug/l
RT: 2.046 min Scan# 27
Delta R.T. -0.000 min
Lab File: VN073461.D
Acq: 14 Jul 2022 15:15

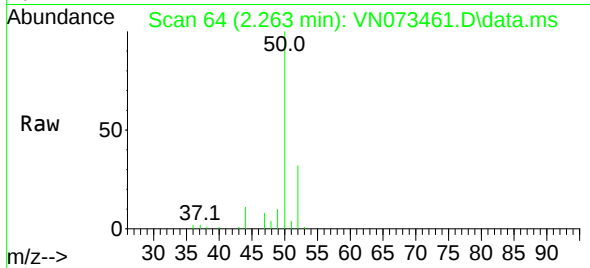
Tgt Ion: 85 Resp: 52501
Ion Ratio Lower Upper
85 100
87 32.8 15.7 47.1





#3
Chloromethane
Concen: 17.557 ug/l
RT: 2.263 min Scan# 64
Delta R.T. -0.006 min
Lab File: VN073461.D
Acq: 14 Jul 2022 15:15

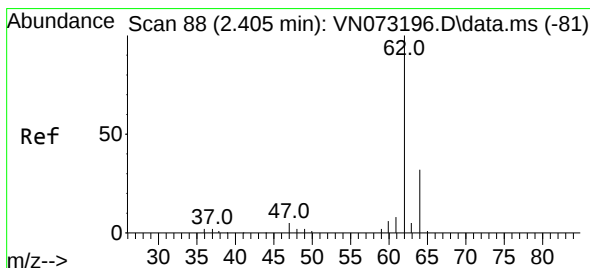
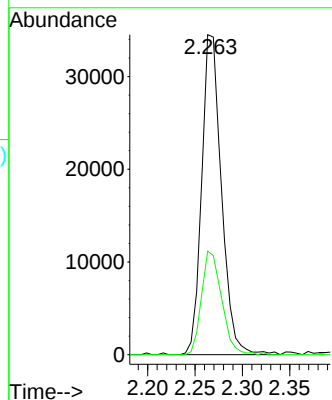
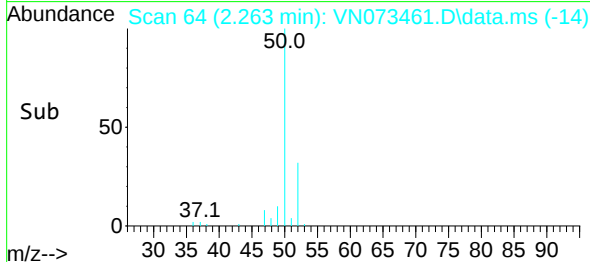
Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 5019
Ion Ratio Lower Upper
50 100
52 32.3 25.7 38.5

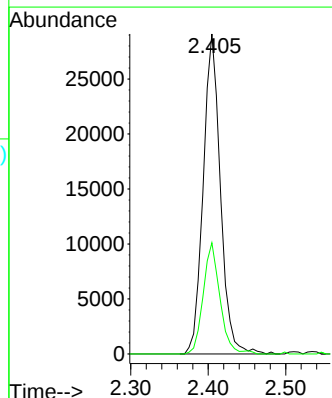
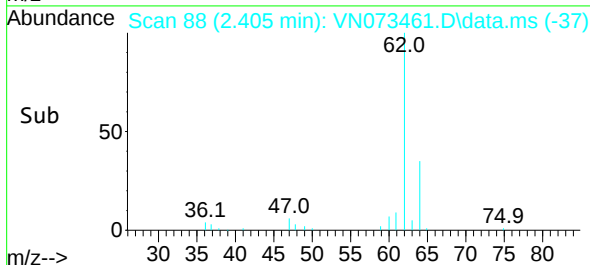
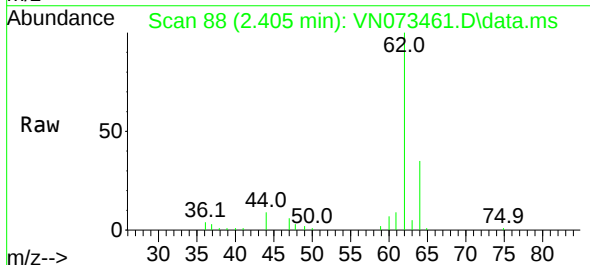
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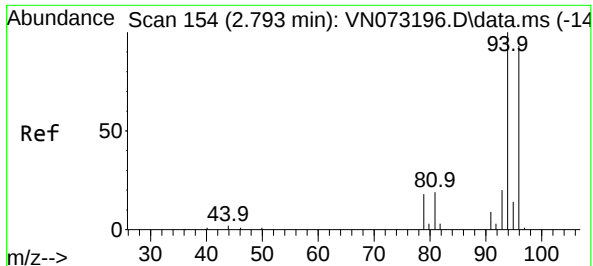
Reviewed By :John Carlone 07/15/2022
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#4
Vinyl Chloride
Concen: 18.463 ug/l
RT: 2.405 min Scan# 88
Delta R.T. -0.000 min
Lab File: VN073461.D
Acq: 14 Jul 2022 15:15

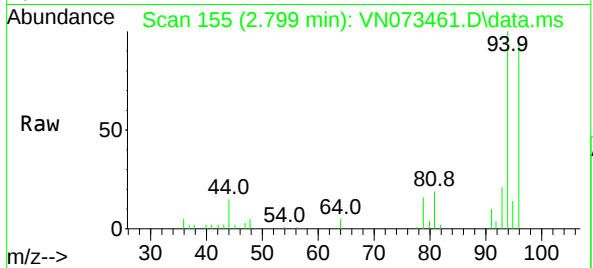
Tgt Ion: 62 Resp: 44851
Ion Ratio Lower Upper
62 100
64 34.7 25.0 37.4





#5
Bromomethane
Concen: 21.081 ug/l
RT: 2.799 min Scan# 154
Delta R.T. 0.006 min
Lab File: VN073461.D
Acq: 14 Jul 2022 15:15

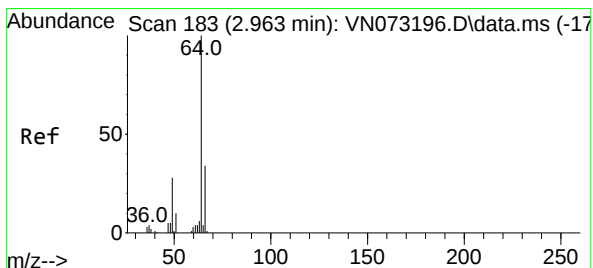
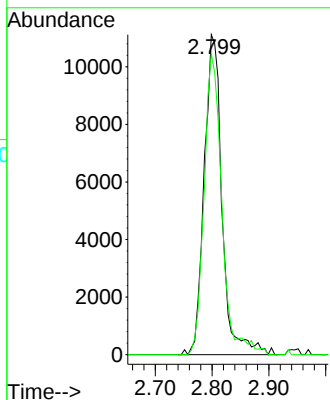
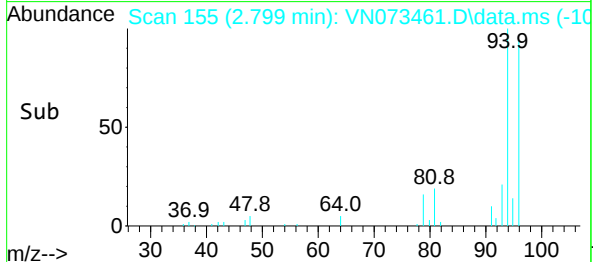
Instrument :
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Tgt Ion: 94 Resp: 2418
Ion Ratio Lower Upper
94 100
96 94.0 76.0 114.0

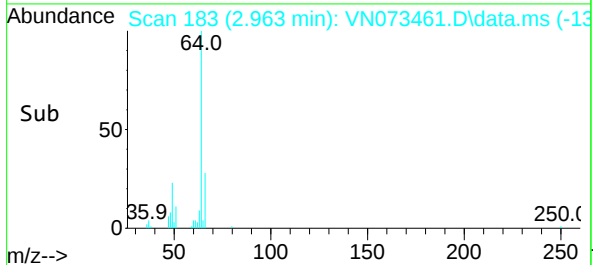
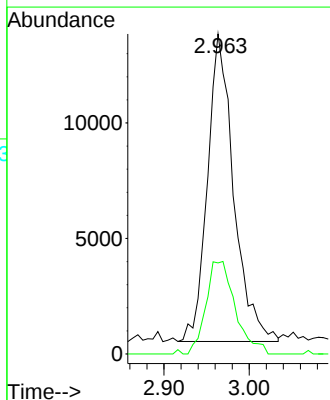
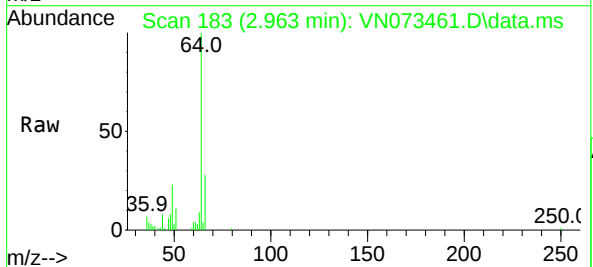
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#6
Chloroethane
Concen: 19.981 ug/l
RT: 2.963 min Scan# 183
Delta R.T. 0.000 min
Lab File: VN073461.D
Acq: 14 Jul 2022 15:15

Tgt Ion: 64 Resp: 28552
Ion Ratio Lower Upper
64 100
66 29.6 26.2 39.4





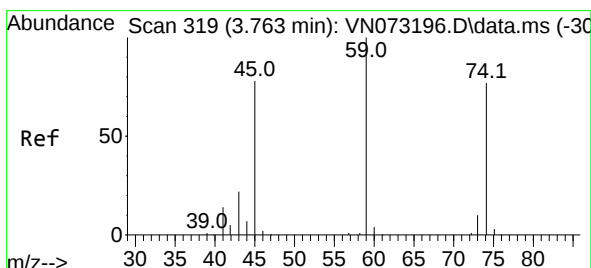
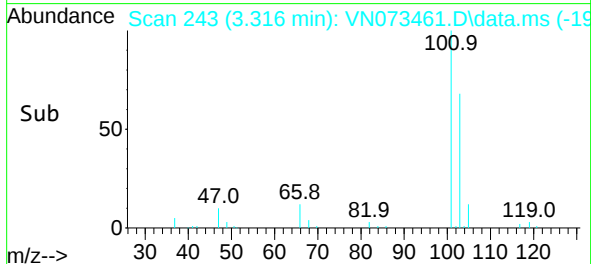
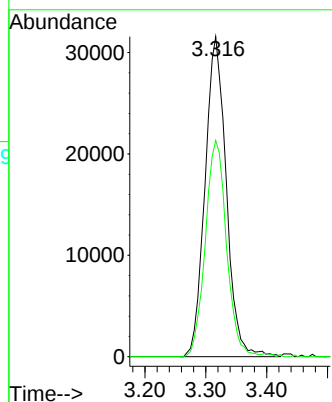
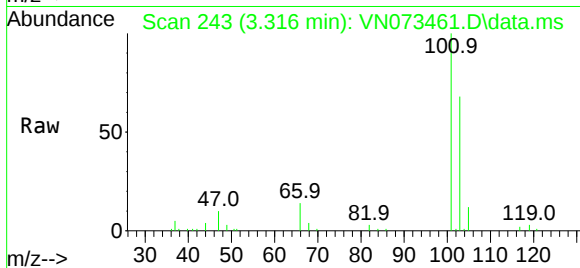
#7
Trichlorofluoromethane
Concen: 18.199 ug/l
RT: 3.316 min Scan# 243
Delta R.T. 0.000 min
Lab File: VN073461.D
Acq: 14 Jul 2022 15:15

Instrument :
MSVOA_N
ClientSampleId :
VN0714WBS02

Tgt Ion:101 Resp: 76430
Ion Ratio Lower Upper
101 100
103 67.6 51.5 77.3

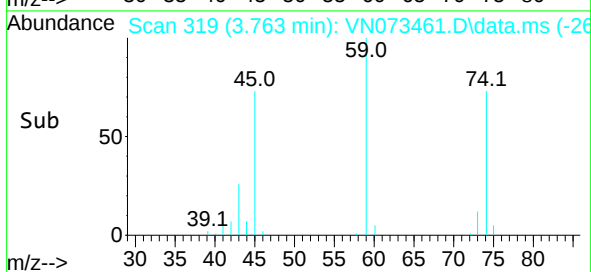
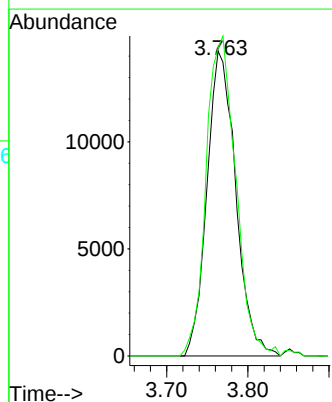
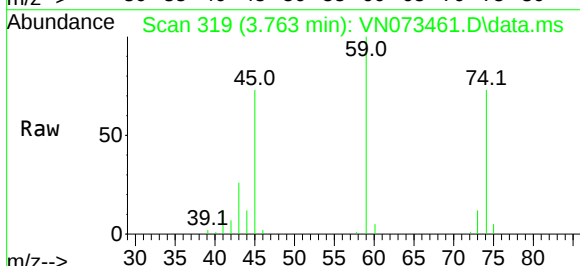
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#8
Diethyl Ether
Concen: 20.525 ug/l
RT: 3.763 min Scan# 319
Delta R.T. 0.000 min
Lab File: VN073461.D
Acq: 14 Jul 2022 15:15

Tgt Ion: 74 Resp: 35090
Ion Ratio Lower Upper
74 100
45 107.9 42.9 128.5





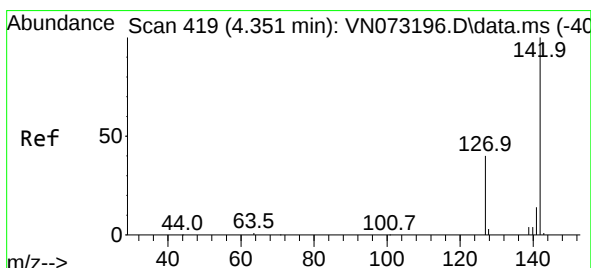
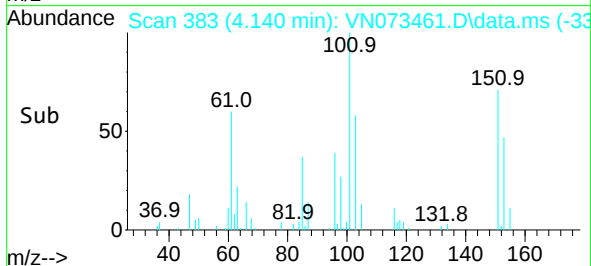
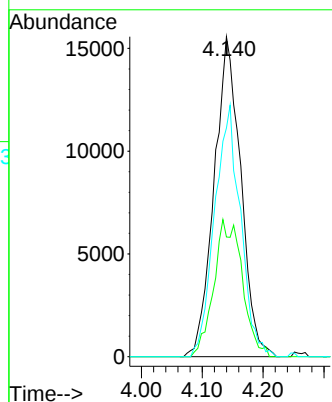
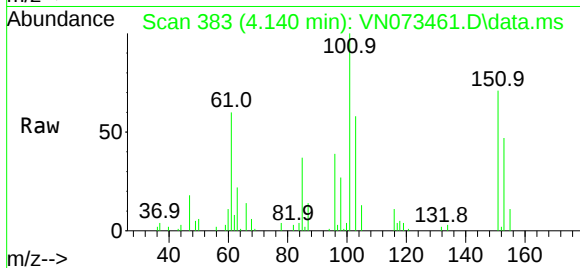
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.062 ug/l
RT: 4.140 min Scan# 383
Delta R.T. -0.000 min
Lab File: VN073461.D
Acq: 14 Jul 2022 15:15

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:101 Resp: 4730
Ion Ratio Lower Upper
101 100
85 45.5 34.7 52.1
151 76.6 63.0 94.4

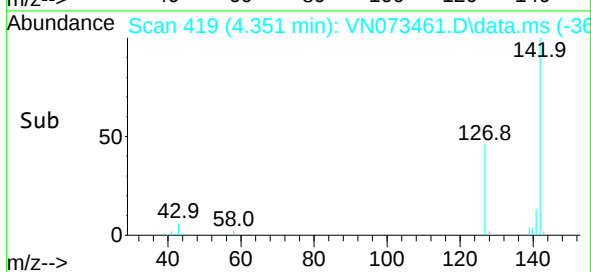
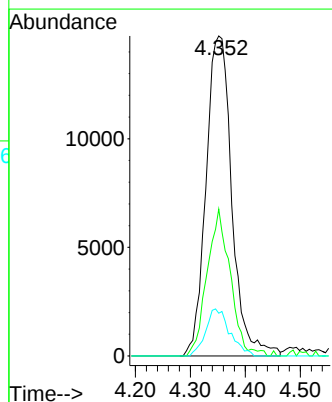
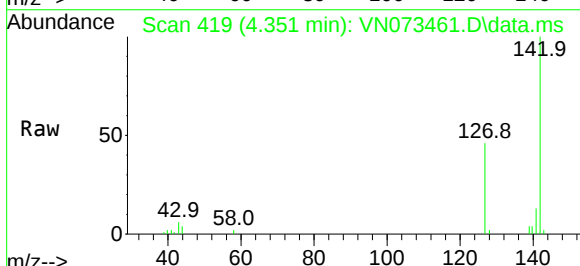
Manual Integrations
APPROVED

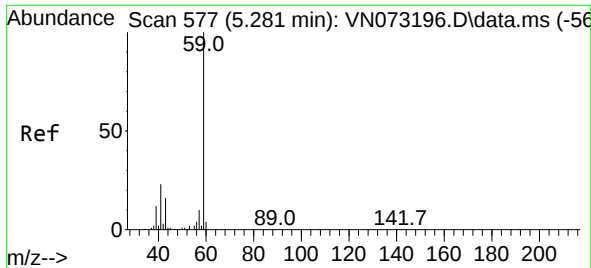
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#10
Methyl Iodide
Concen: 17.180 ug/l
RT: 4.351 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN073461.D
Acq: 14 Jul 2022 15:15

Tgt Ion:142 Resp: 48055
Ion Ratio Lower Upper
142 100
127 41.4 31.3 46.9
141 13.8 11.2 16.8





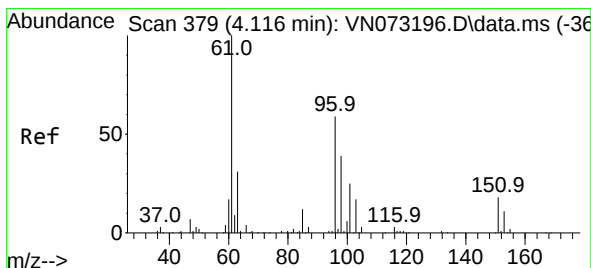
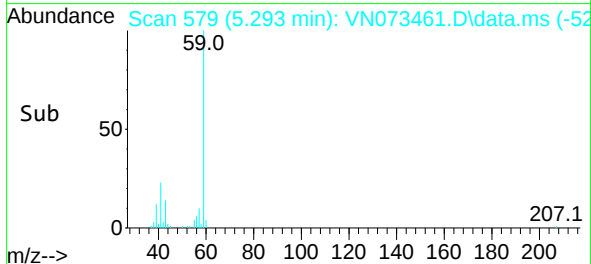
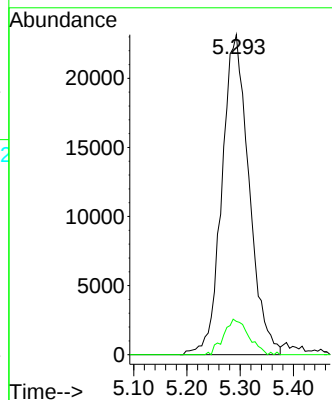
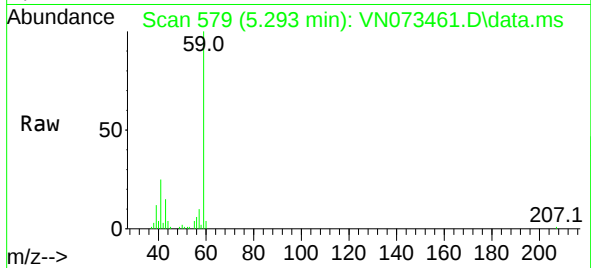
#11
Tert butyl alcohol
Concen: 116.135 ug/l
RT: 5.293 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN073461.D
Acq: 14 Jul 2022 15:15

Instrument :
MSVOA_N
ClientSampleId :
VN0714WBS02

Tgt Ion: 59 Resp: 8180
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5

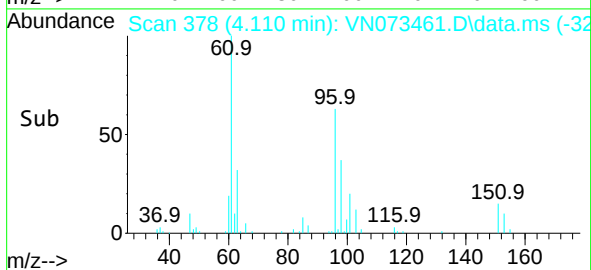
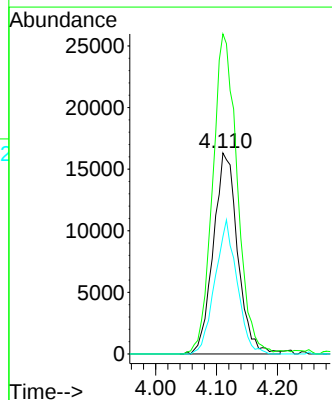
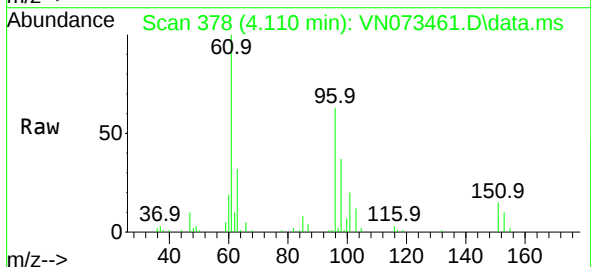
Manual Integrations
APPROVED

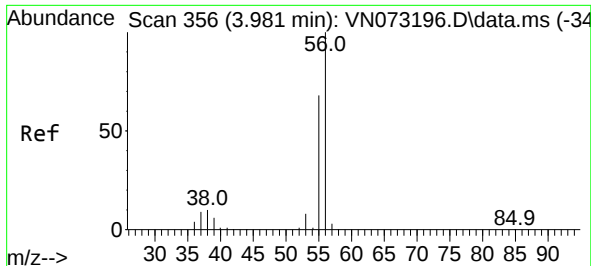
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#12
1,1-Dichloroethene
Concen: 19.137 ug/l
RT: 4.110 min Scan# 378
Delta R.T. -0.006 min
Lab File: VN073461.D
Acq: 14 Jul 2022 15:15

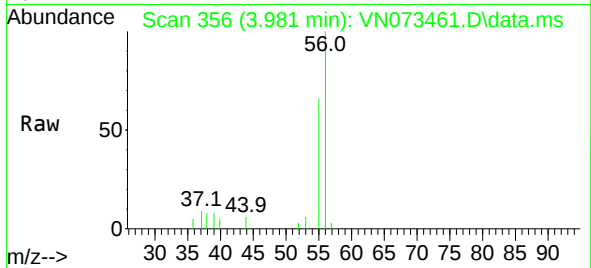
Tgt Ion: 96 Resp: 45377
Ion Ratio Lower Upper
96 100
61 159.2 127.6 191.4
98 58.3 51.2 76.8





#13
Acrolein
Concen: 50.318 ug/l
RT: 3.981 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN073461.D
Acq: 14 Jul 2022 15:15

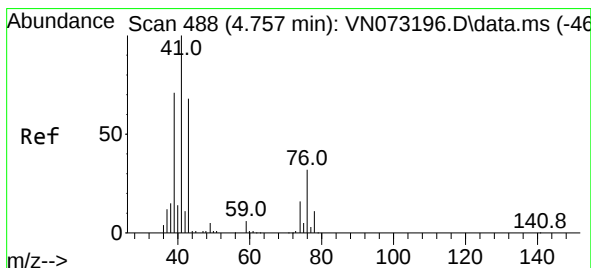
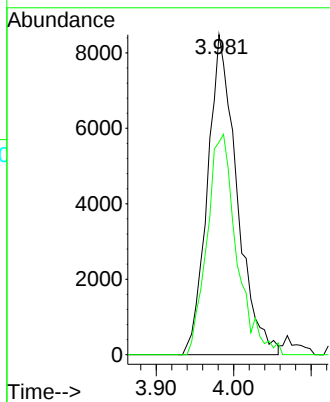
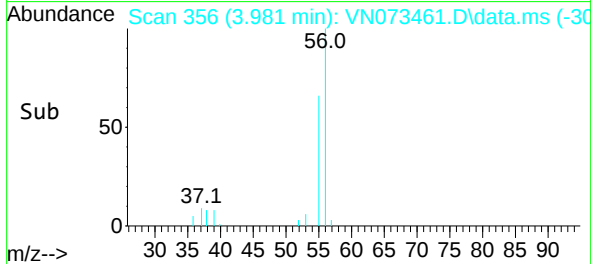
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBS02



Tgt Ion: 56 Resp: 2240
Ion Ratio Lower Upper
56 100
55 69.4 54.8 82.2

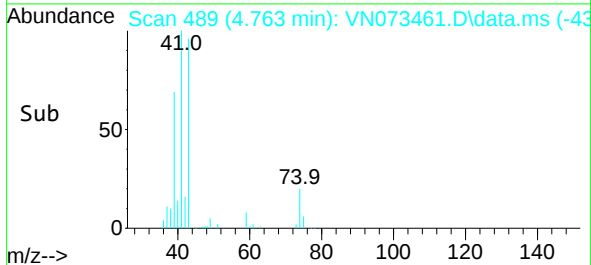
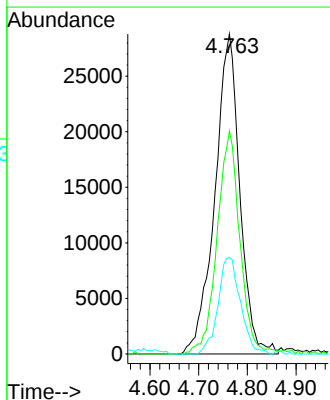
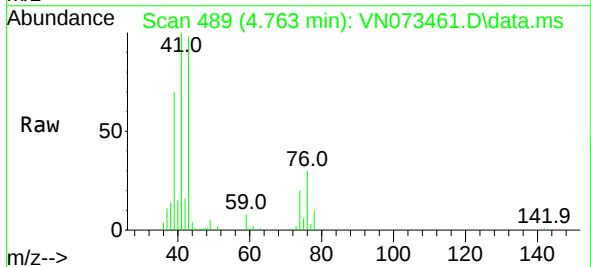
Manual Integrations
APPROVED

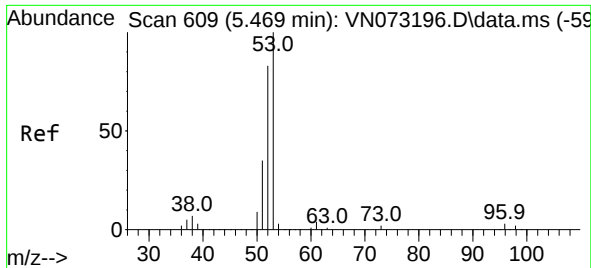
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#14
Allyl chloride
Concen: 20.536 ug/l
RT: 4.763 min Scan# 489
Delta R.T. 0.006 min
Lab File: VN073461.D
Acq: 14 Jul 2022 15:15

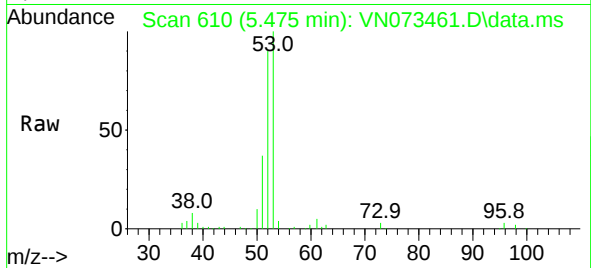
Tgt Ion: 41 Resp: 102582
Ion Ratio Lower Upper
41 100
39 63.5 53.2 79.8
76 27.1 29.9 44.9#





#15
Acrylonitrile
Concen: 118.751 ug/l
RT: 5.475 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN073461.D
Acq: 14 Jul 2022 15:15

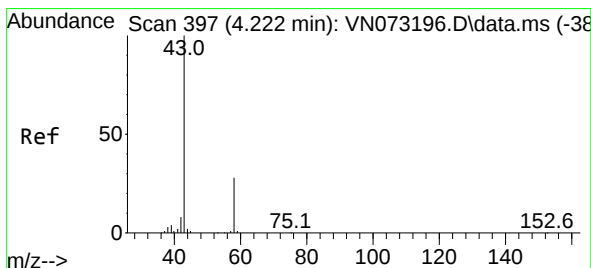
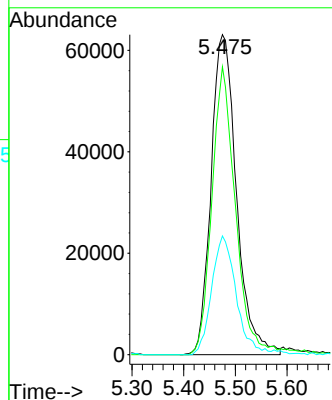
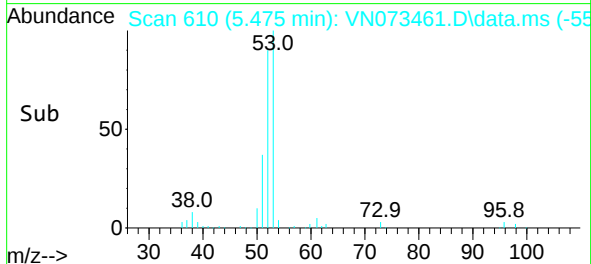
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBS02



Tgt Ion: 53 Resp: 21533
Ion Ratio Lower Upper
53 100
52 83.9 66.4 99.6
51 35.7 28.5 42.7

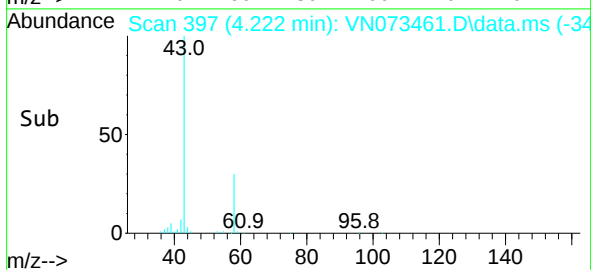
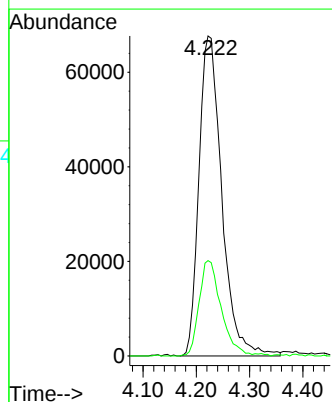
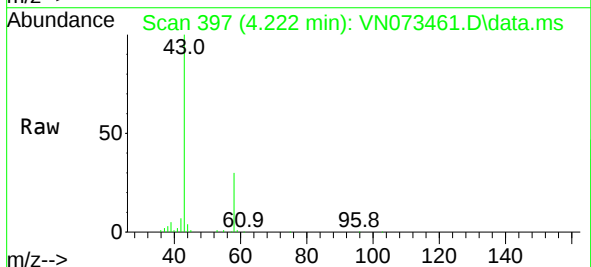
Manual Integrations
APPROVED

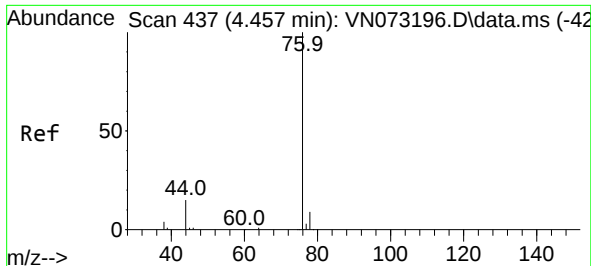
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#16
Acetone
Concen: 123.709 ug/l
RT: 4.222 min Scan# 397
Delta R.T. 0.000 min
Lab File: VN073461.D
Acq: 14 Jul 2022 15:15

Tgt Ion: 43 Resp: 201917
Ion Ratio Lower Upper
43 100
58 29.8 26.0 39.0





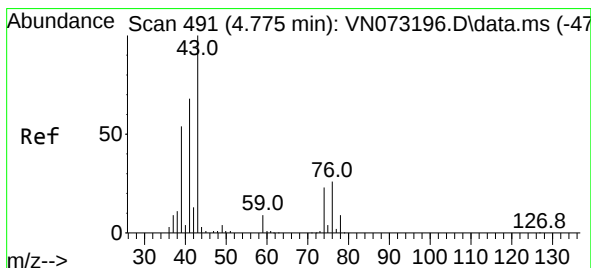
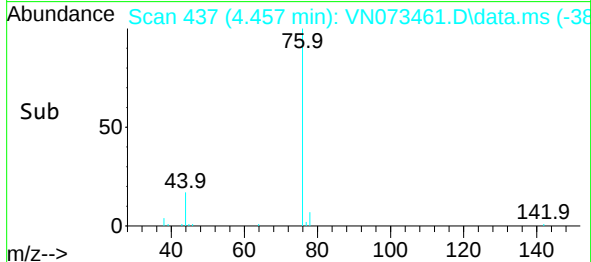
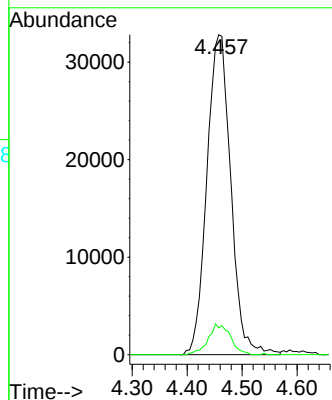
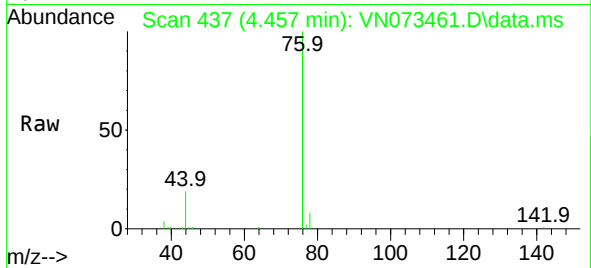
#17
Carbon Disulfide
Concen: 16.136 ug/l
RT: 4.457 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN073461.D
Acq: 14 Jul 2022 15:15

Instrument :
MSVOA_N
ClientSampleId :
VN0714WBS02

Tgt Ion: 76 Resp: 9921
Ion Ratio Lower Upper
76 100
78 8.4 7.2 10.8

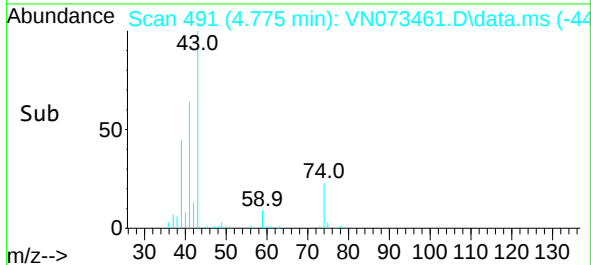
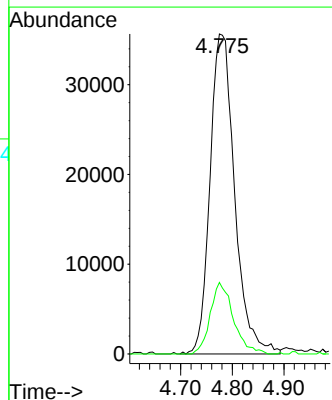
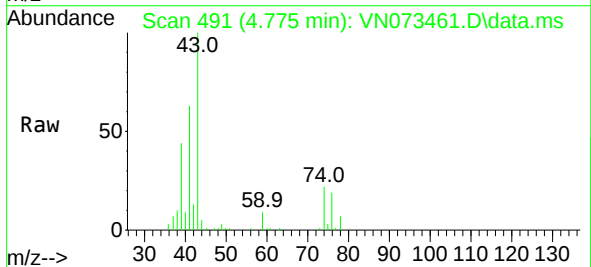
Manual Integrations
APPROVED

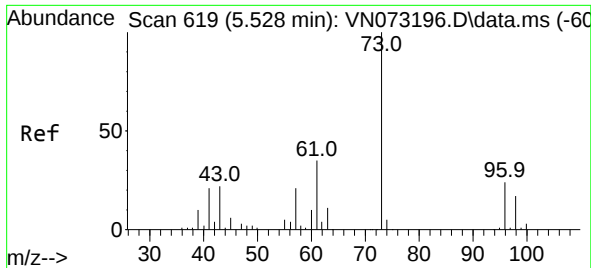
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#18
Methyl Acetate
Concen: 25.819 ug/l
RT: 4.775 min Scan# 491
Delta R.T. 0.000 min
Lab File: VN073461.D
Acq: 14 Jul 2022 15:15

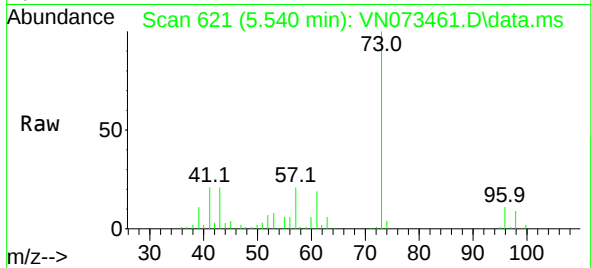
Tgt Ion: 43 Resp: 118097
Ion Ratio Lower Upper
43 100
74 21.0 21.6 32.4#





#19
Methyl tert-butyl Ether
Concen: 21.644 ug/l
RT: 5.540 min Scan# 619
Delta R.T. 0.012 min
Lab File: VN073461.D
Acq: 14 Jul 2022 15:15

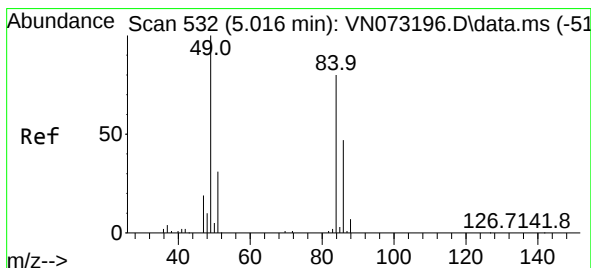
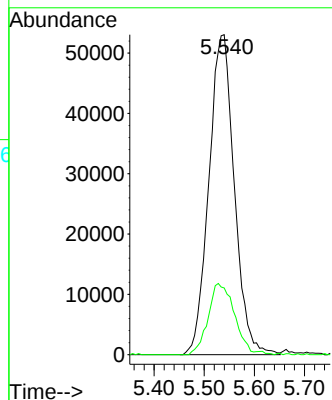
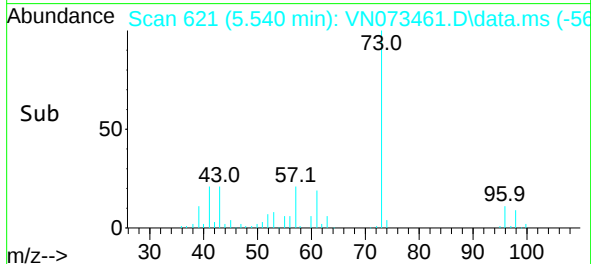
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBS02



Tgt Ion: 73 Resp: 187050
Ion Ratio Lower Upper
73 100
57 20.8 17.6 26.4

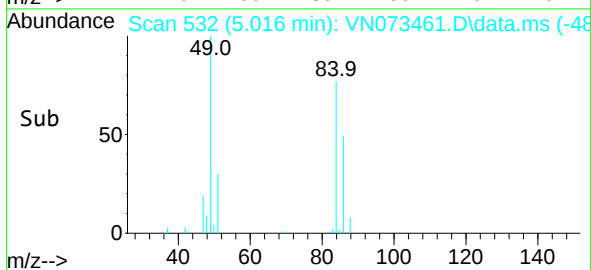
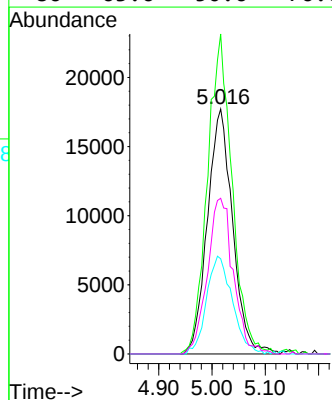
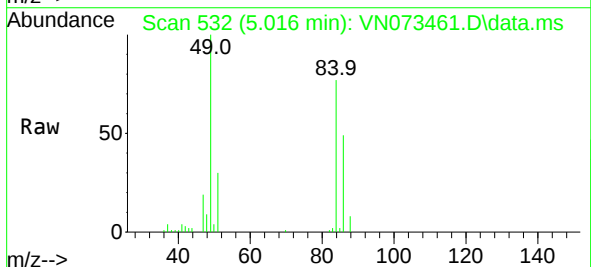
Manual Integrations
APPROVED

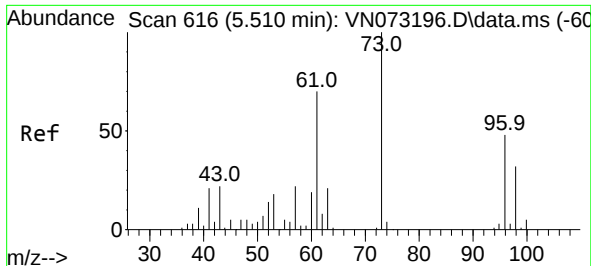
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#20
Methylene Chloride
Concen: 20.323 ug/l
RT: 5.016 min Scan# 532
Delta R.T. 0.000 min
Lab File: VN073461.D
Acq: 14 Jul 2022 15:15

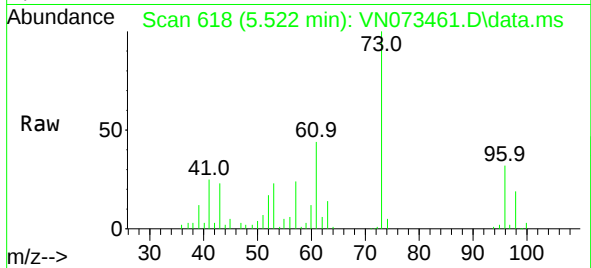
Tgt Ion: 84 Resp: 58294
Ion Ratio Lower Upper
84 100
49 130.6 88.3 132.5
51 38.9 28.2 42.2
86 63.6 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 18.567 ug/l
RT: 5.522 min Scan# 616
Delta R.T. 0.012 min
Lab File: VN073461.D
Acq: 14 Jul 2022 15:15

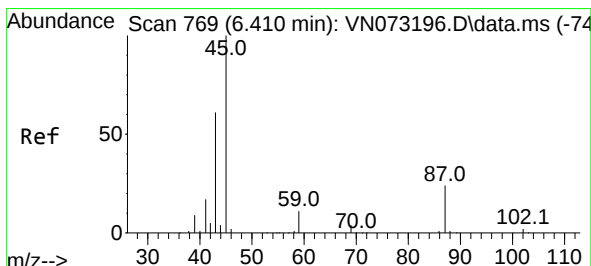
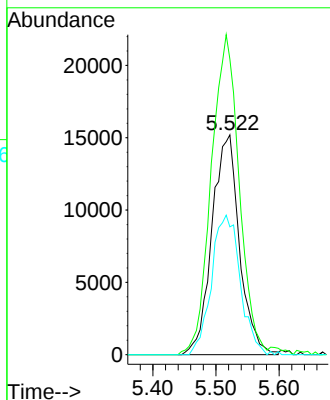
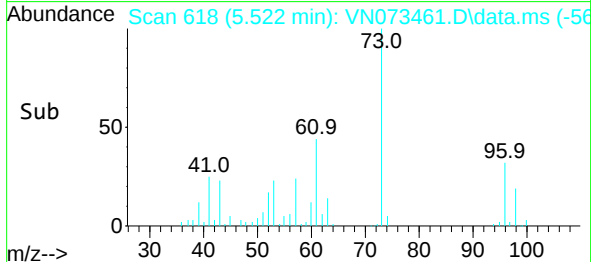
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBS02



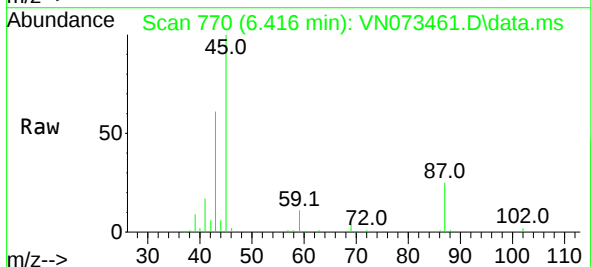
Tgt Ion: 96 Resp: 46002
Ion Ratio Lower Upper
96 100
61 134.4 105.8 158.8
98 58.2 50.3 75.5

Manual Integrations
APPROVED

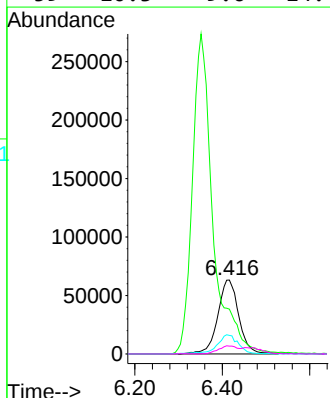
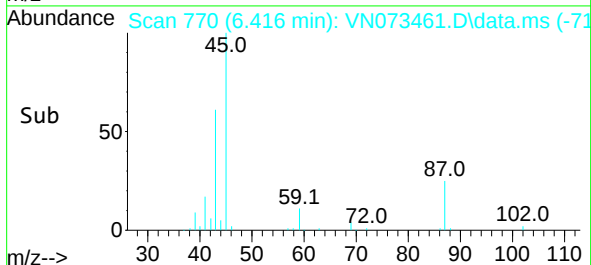
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#22
Diisopropyl ether
Concen: 22.594 ug/l
RT: 6.416 min Scan# 770
Delta R.T. 0.006 min
Lab File: VN073461.D
Acq: 14 Jul 2022 15:15



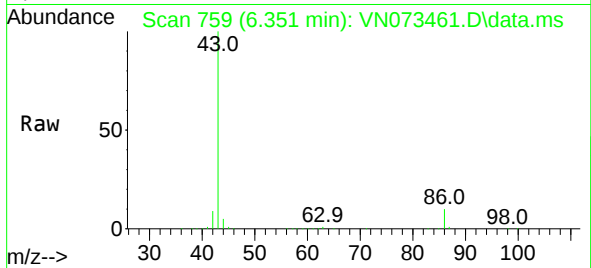
Tgt Ion: 45 Resp: 210605
Ion Ratio Lower Upper
45 100
43 58.8 46.6 70.0
87 25.1 24.3 36.5
59 10.3 9.6 14.4





#23
 Vinyl Acetate
 Concen: 106.900 ug/l
 RT: 6.351 min Scan# 759
 Delta R.T. 0.000 min
 Lab File: VN073461.D
 Acq: 14 Jul 2022 15:15

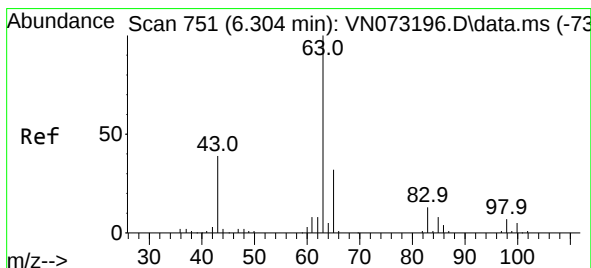
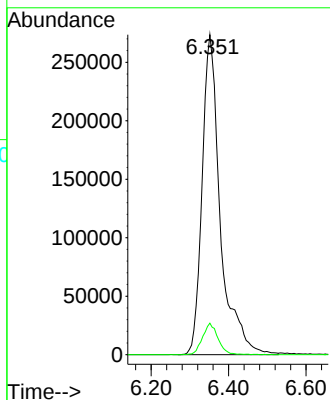
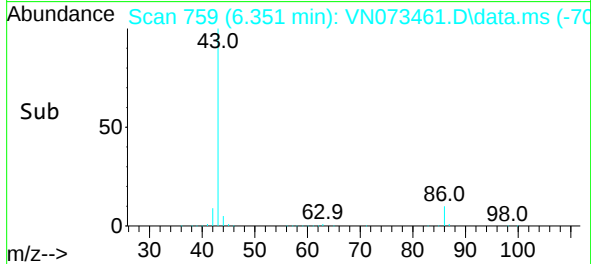
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0714WBS02



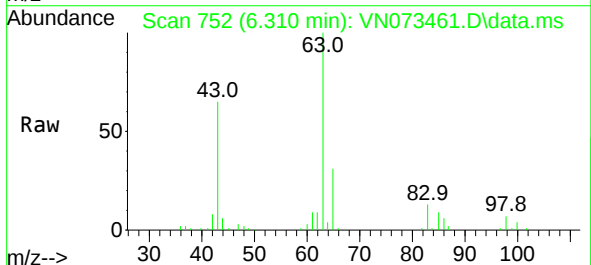
Tgt Ion: 43 Resp: 89213
 Ion Ratio Lower Upper
 43 100
 86 9.9 10.0 15.0

Manual Integrations
 APPROVED

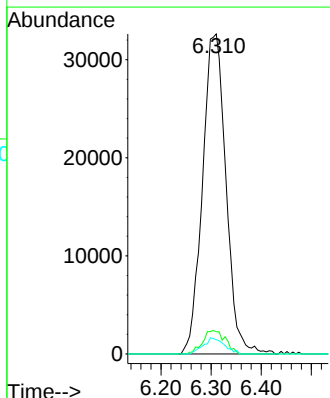
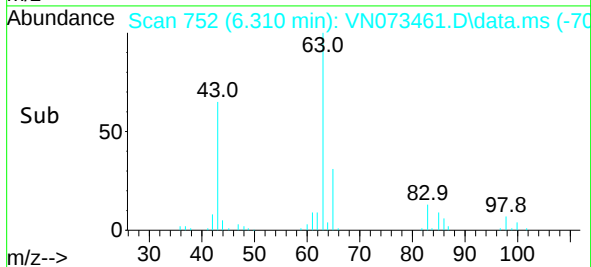
Reviewed By :John Carlone 07/15/2022
 Supervised By :Mahesh Dadoda 07/15/2022

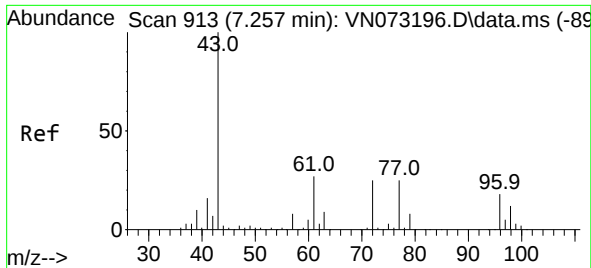


#24
 1,1-Dichloroethane
 Concen: 22.009 ug/l
 RT: 6.310 min Scan# 752
 Delta R.T. 0.006 min
 Lab File: VN073461.D
 Acq: 14 Jul 2022 15:15



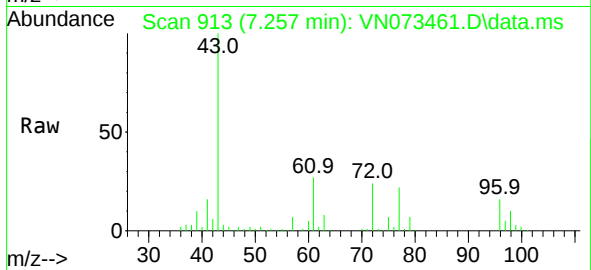
Tgt Ion: 63 Resp: 106161
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.4
 100 4.4 2.3 6.8





#25
2-Butanone
Concen: 126.772 ug/l
RT: 7.257 min Scan# 913
Delta R.T. 0.000 min
Lab File: VN073461.D
Acq: 14 Jul 2022 15:15

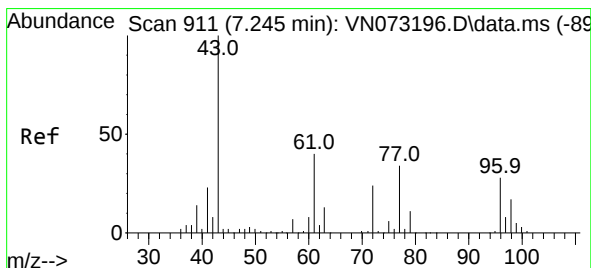
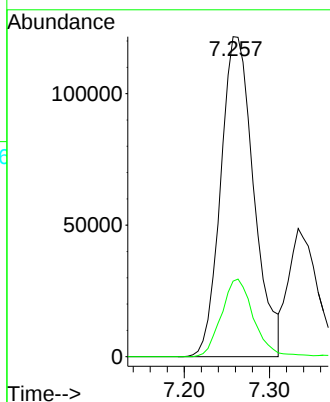
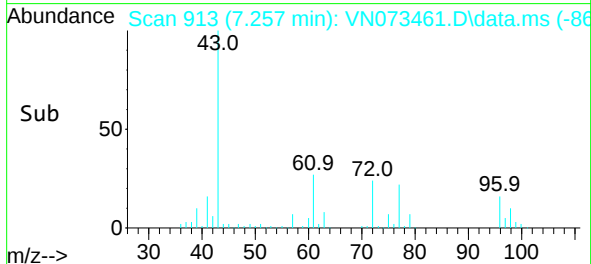
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBS02



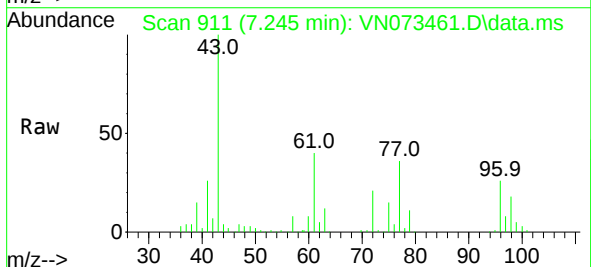
Tgt Ion: 43 Resp: 32943
Ion Ratio Lower Upper
43 100
72 23.6 23.7 35.5

Manual Integrations
APPROVED

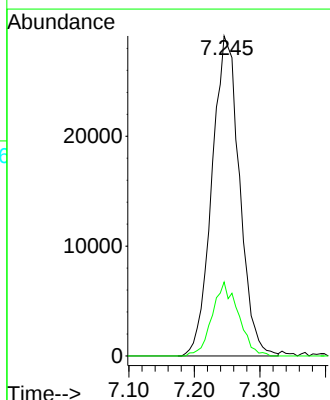
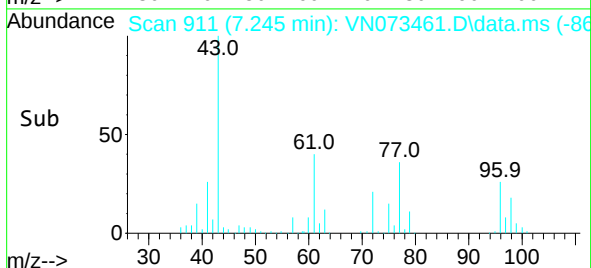
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

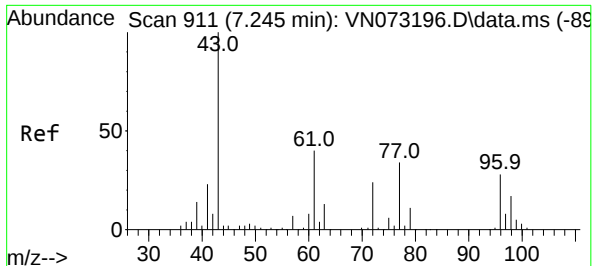


#26
2,2-Dichloropropane
Concen: 19.050 ug/l
RT: 7.245 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN073461.D
Acq: 14 Jul 2022 15:15



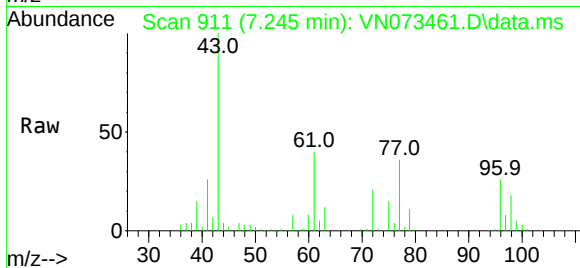
Tgt Ion: 77 Resp: 84987
Ion Ratio Lower Upper
77 100
97 22.0 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 19.884 ug/l
 RT: 7.245 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VN073461.D
 Acq: 14 Jul 2022 15:15

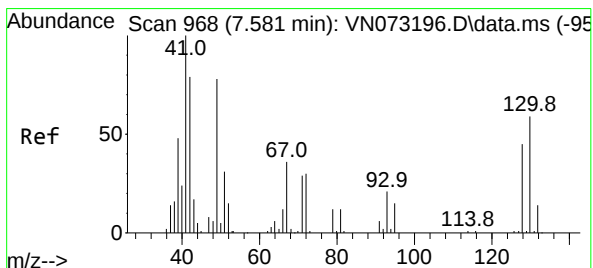
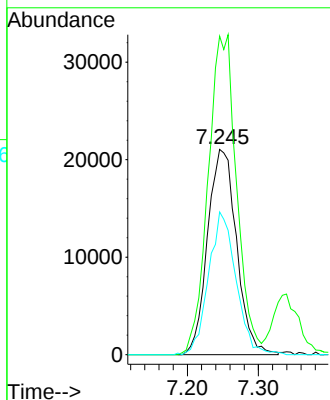
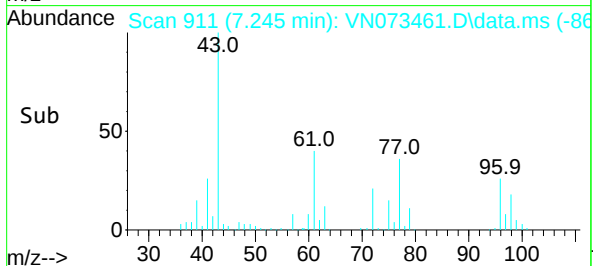
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0714WBS02



Tgt Ion: 96 Resp: 59660
 Ion Ratio Lower Upper
 96 100
 61 152.8 0.0 280.6
 98 65.9 0.0 128.4

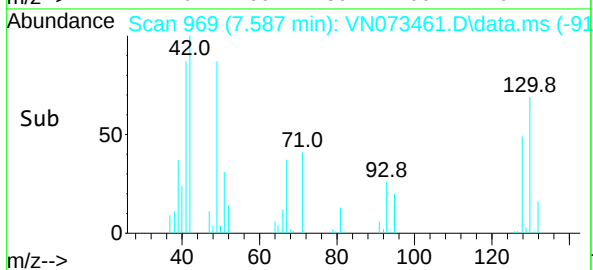
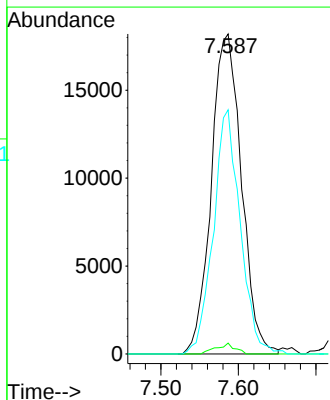
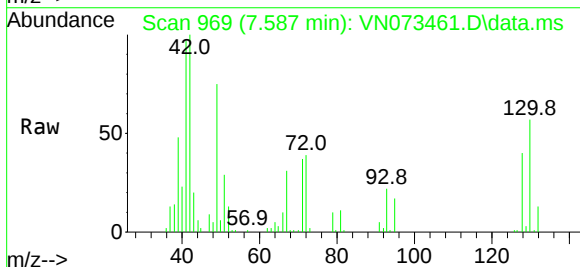
Manual Integrations
 APPROVED

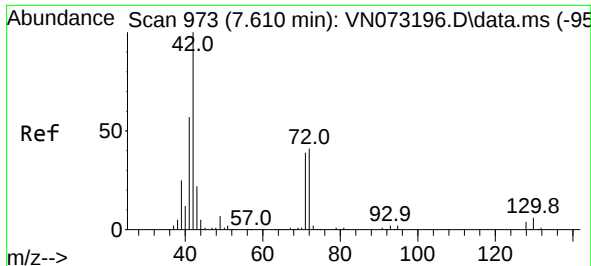
Reviewed By :John Carlone 07/15/2022
 Supervised By :Mahesh Dadoda 07/15/2022



#28
 Bromochloromethane
 Concen: 24.375 ug/l
 RT: 7.587 min Scan# 969
 Delta R.T. 0.006 min
 Lab File: VN073461.D
 Acq: 14 Jul 2022 15:15

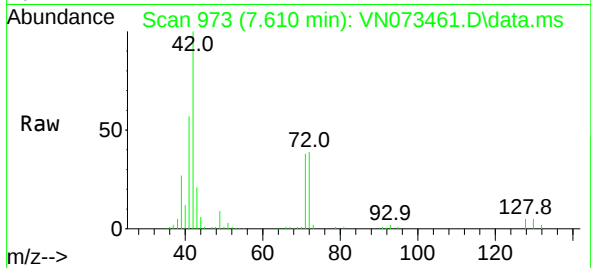
Tgt Ion: 49 Resp: 49242
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.6
 130 68.0 69.7 104.5#





#29
Tetrahydrofuran
Concen: 121.170 ug/l
RT: 7.610 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN073461.D
Acq: 14 Jul 2022 15:15

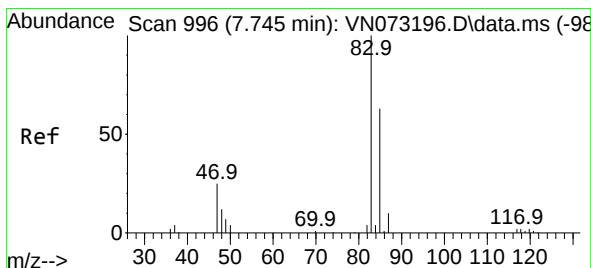
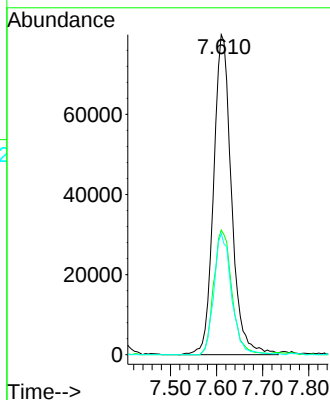
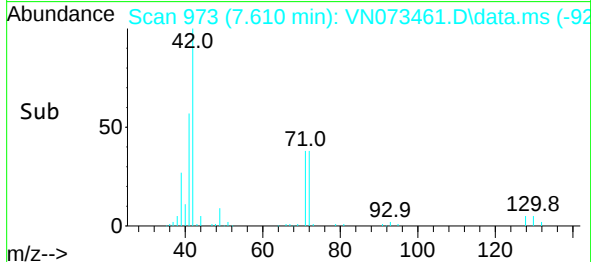
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBS02



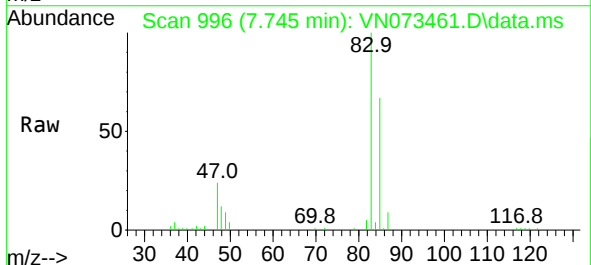
Tgt Ion: 42 Resp: 21560
Ion Ratio Lower Upper
42 100
72 39.3 39.7 59.5
71 37.1 36.6 55.0

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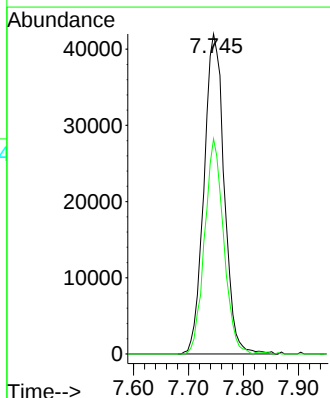
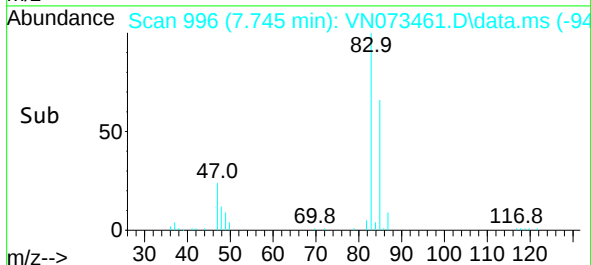
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

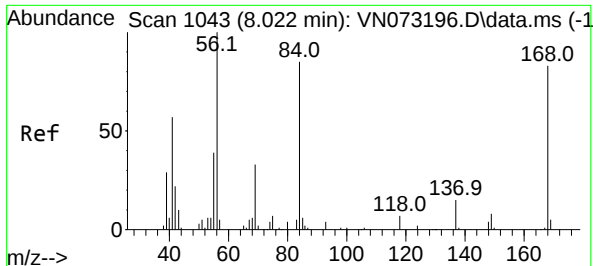


#30
Chloroform
Concen: 22.080 ug/l
RT: 7.745 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN073461.D
Acq: 14 Jul 2022 15:15



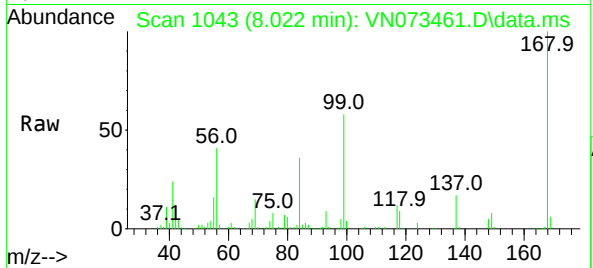
Tgt Ion: 83 Resp: 107269
Ion Ratio Lower Upper
83 100
85 67.2 51.8 77.8





#31
Cyclohexane
Concen: 18.565 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN073461.D
Acq: 14 Jul 2022 15:15

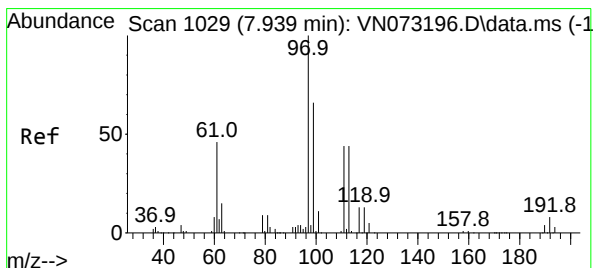
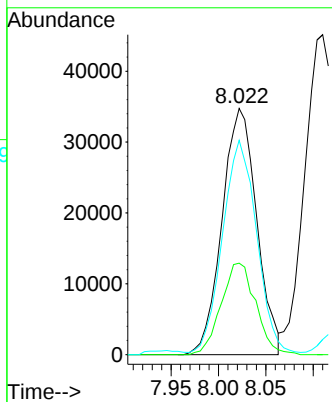
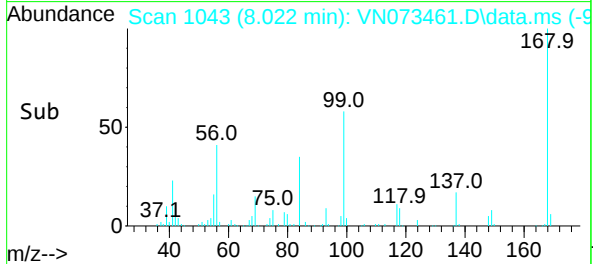
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBS02



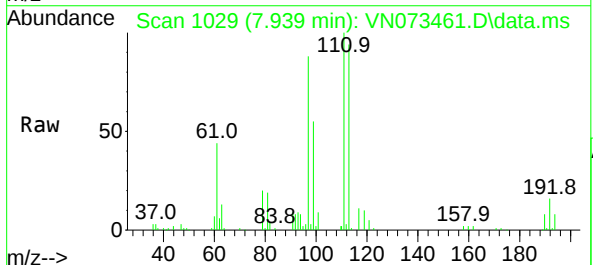
Tgt Ion: 56 Resp: 88409
Ion Ratio Lower Upper
56 100
69 37.2 27.8 41.8
84 85.7 76.9 115.3

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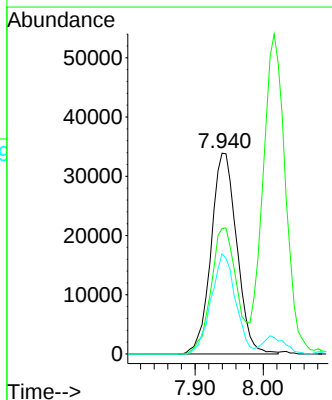
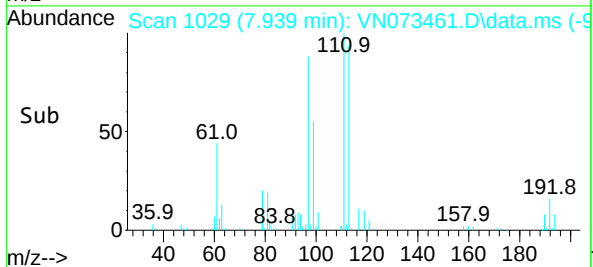
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#32
1,1,1-Trichloroethane
Concen: 20.535 ug/l
RT: 7.939 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VN073461.D
Acq: 14 Jul 2022 15:15



Tgt Ion: 97 Resp: 88909
Ion Ratio Lower Upper
97 100
99 63.6 50.6 76.0
61 47.3 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 54.882 ug/l

RT: 8.375 min Scan# 1102

Delta R.T. 0.006 min

Lab File: VN073461.D

Acq: 14 Jul 2022 15:15

Instrument :

MSVOA_N

ClientSampleId :

VN0714WBS02

Tgt Ion: 65 Resp: 15958

Ion Ratio Lower Upper

65 100

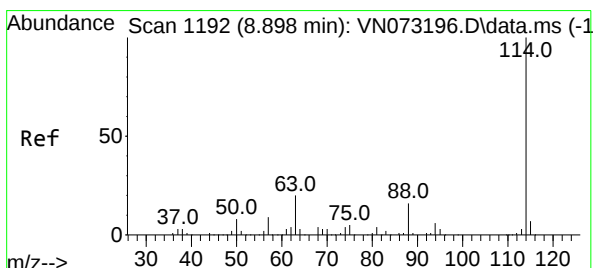
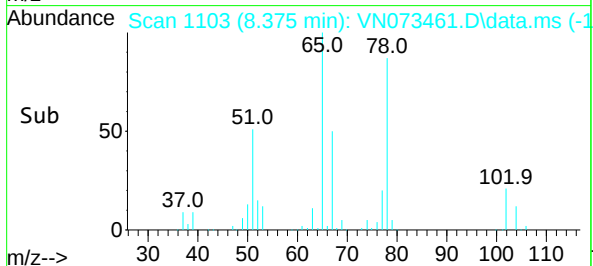
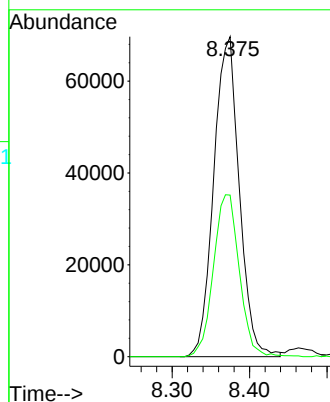
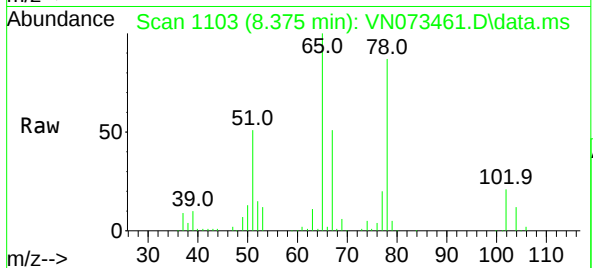
67 51.4 0.0 104.8

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: 8.904 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VN073461.D

Acq: 14 Jul 2022 15:15

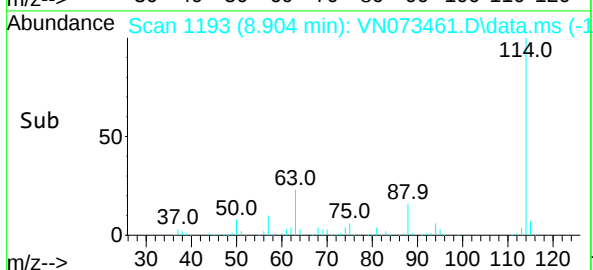
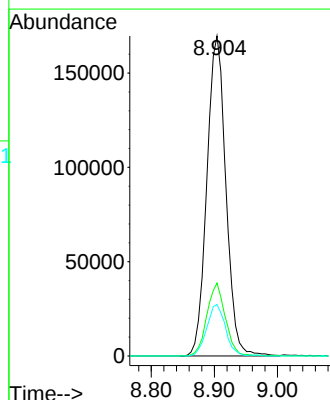
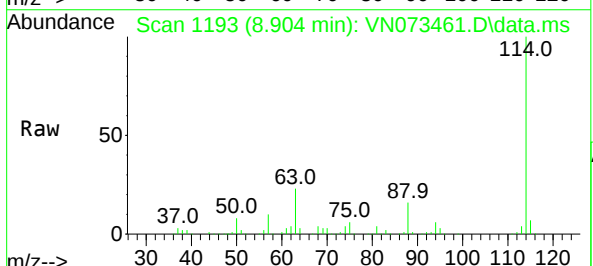
Tgt Ion:114 Resp: 354565

Ion Ratio Lower Upper

114 100

63 22.8 0.0 40.0

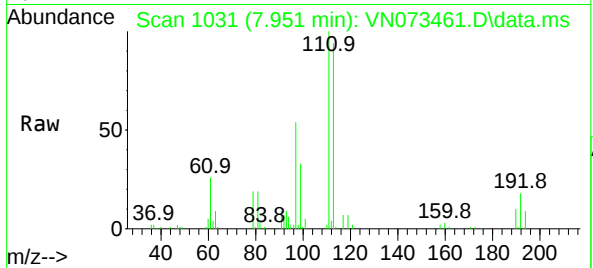
88 16.1 0.0 32.6





#35
Dibromofluoromethane
Concen: 53.194 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073461.D
Acq: 14 Jul 2022 15:15

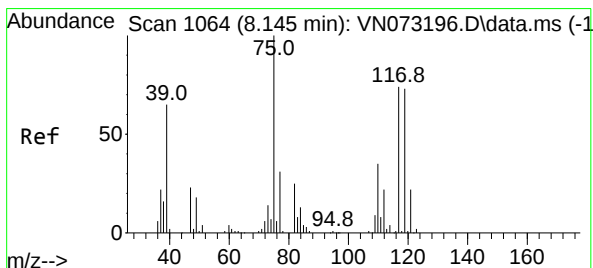
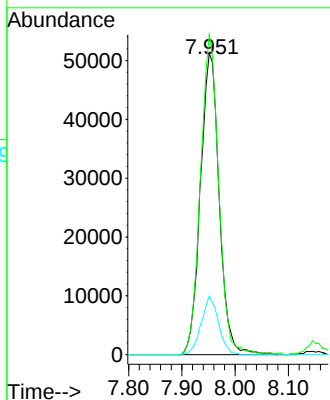
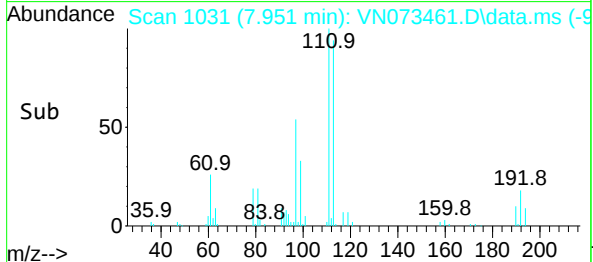
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBS02



Tgt Ion:113 Resp: 125484
Ion Ratio Lower Upper
113 100
111 103.1 81.4 122.0
192 17.8 17.0 25.6

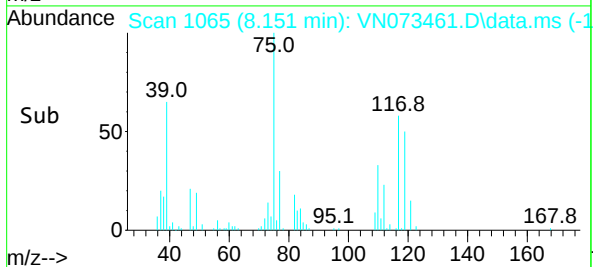
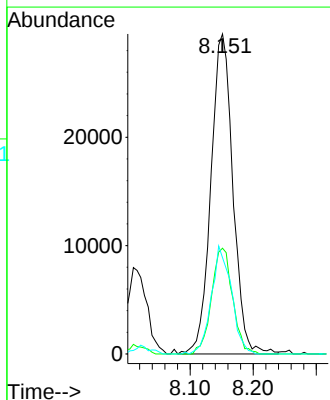
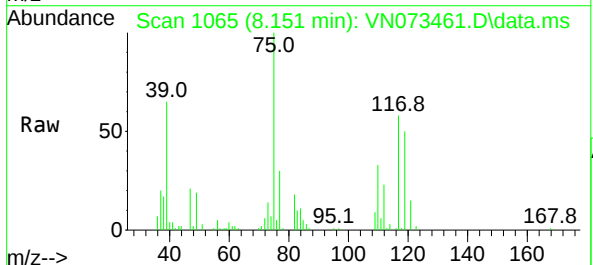
Manual Integrations
APPROVED

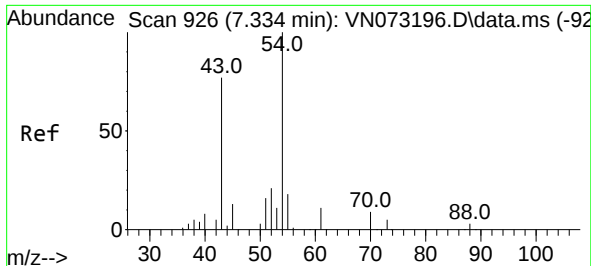
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#36
1,1-Dichloropropene
Concen: 19.691 ug/l
RT: 8.151 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VN073461.D
Acq: 14 Jul 2022 15:15

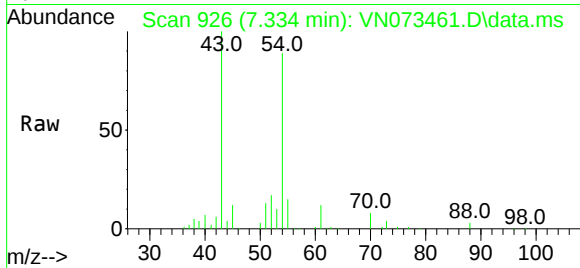
Tgt Ion: 75 Resp: 71475
Ion Ratio Lower Upper
75 100
110 31.6 18.3 54.8
77 30.8 25.1 37.7





#37
Ethyl Acetate
Concen: 21.661 ug/l
RT: 7.334 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN073461.D
Acq: 14 Jul 2022 15:15

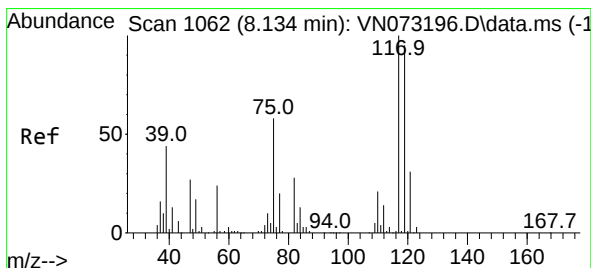
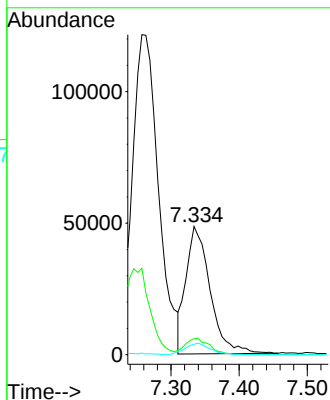
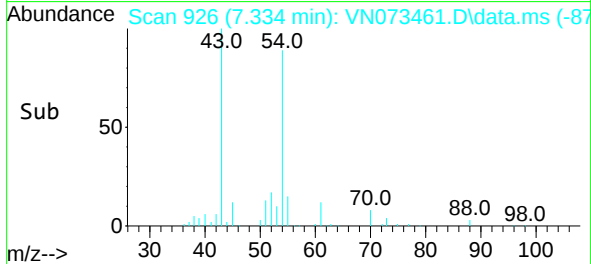
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBS02



Tgt Ion: 43 Resp: 11879
Ion Ratio Lower Upper
43 100
61 13.3 11.8 17.6
70 9.3 9.3 13.9

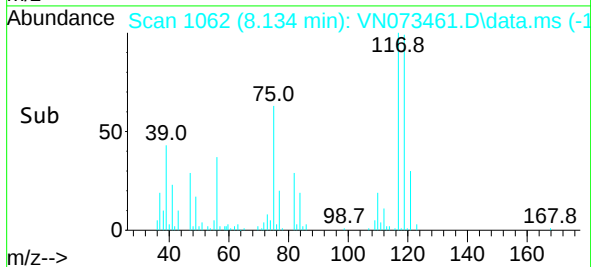
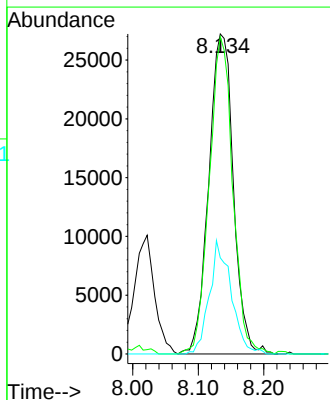
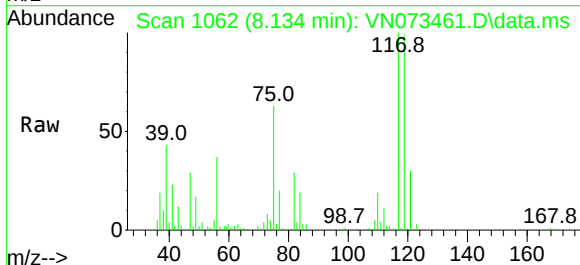
Manual Integrations
APPROVED

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



#38
Carbon Tetrachloride
Concen: 18.892 ug/l
RT: 8.134 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VN073461.D
Acq: 14 Jul 2022 15:15

Tgt Ion:117 Resp: 70915
Ion Ratio Lower Upper
117 100
119 99.1 75.8 113.8
121 30.1 24.6 37.0





#39

Methylcyclohexane

Concen: 17.398 ug/l

RT: 9.392 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VN073461.D

Acq: 14 Jul 2022 15:15

Instrument :

MSVOA_N

ClientSampleId :

VN0714WBS02

Tgt Ion: 83 Resp: 7862

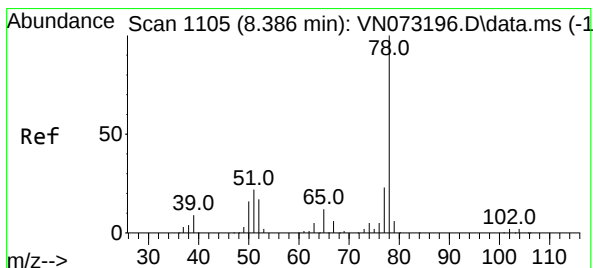
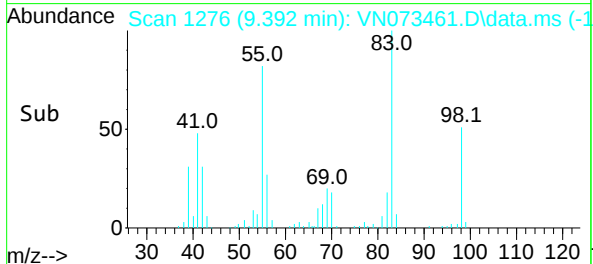
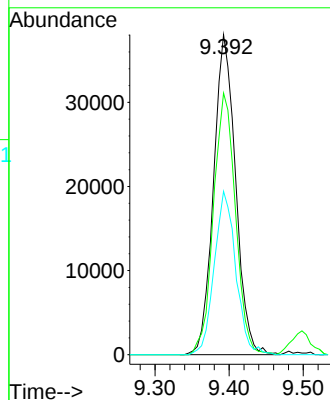
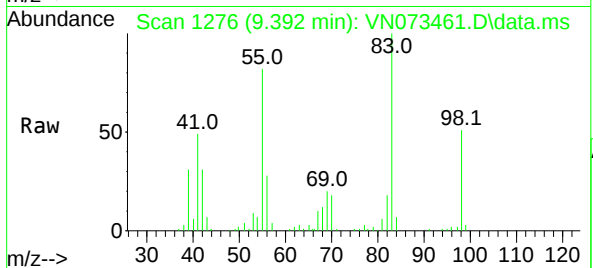
Ion	Ratio	Lower	Upper
83	100		
55	81.7	57.8	86.8
98	51.0	39.4	59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2022

Supervised By :Mahesh Dadoda 07/15/2022



#40

Benzene

Concen: 20.293 ug/l

RT: 8.392 min Scan# 1106

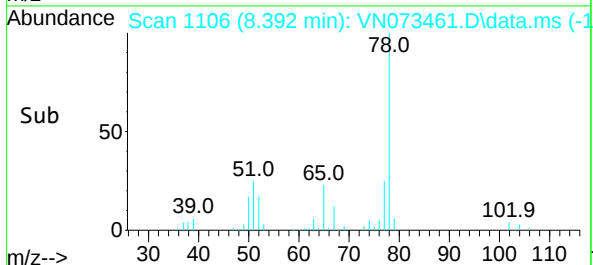
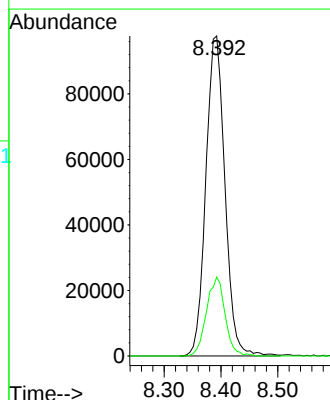
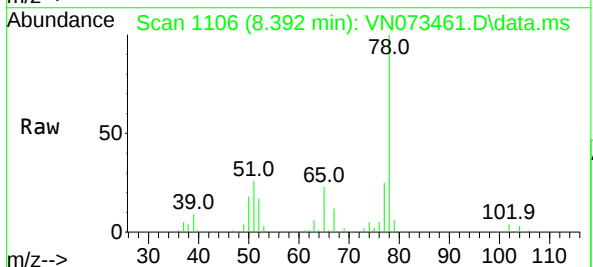
Delta R.T. 0.006 min

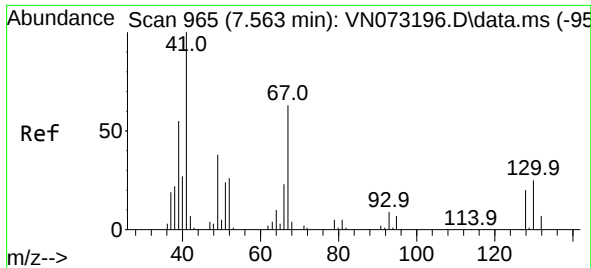
Lab File: VN073461.D

Acq: 14 Jul 2022 15:15

Tgt Ion: 78 Resp: 227320

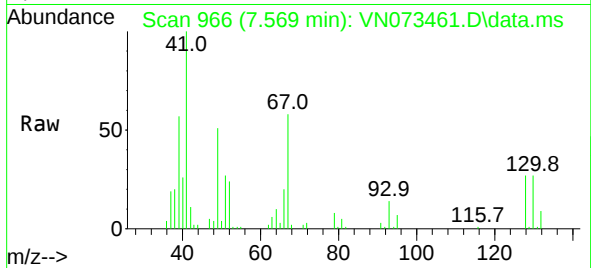
Ion	Ratio	Lower	Upper
78	100		
77	24.7	19.4	29.0





#41
Methacrylonitrile
Concen: 22.843 ug/l
RT: 7.569 min Scan# 965
Delta R.T. 0.006 min
Lab File: VN073461.D
Acq: 14 Jul 2022 15:15

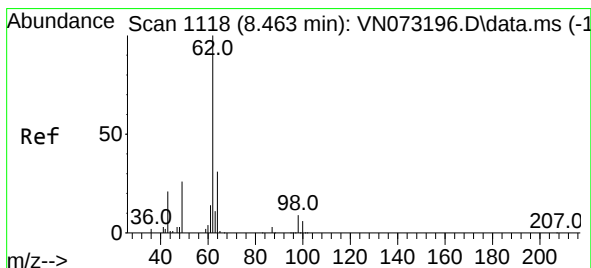
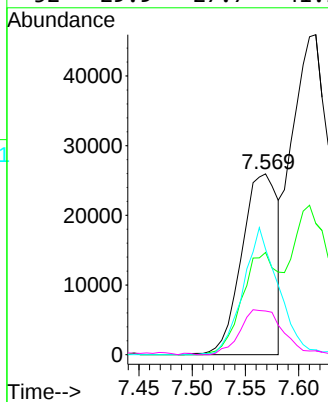
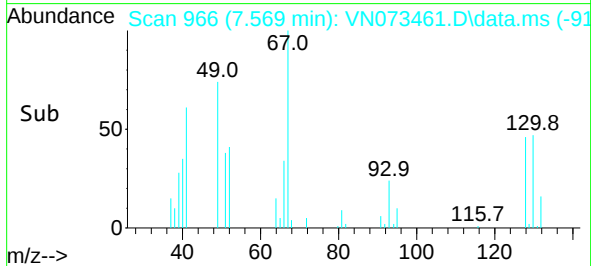
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBS02



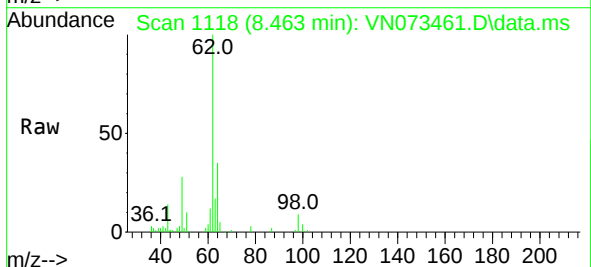
Tgt Ion: 41 Resp: 60760
Ion Ratio Lower Upper
41 100
39 61.2 48.6 73.0
67 69.9 73.4 110.2
52 29.9 27.7 41.5

Manual Integrations
APPROVED

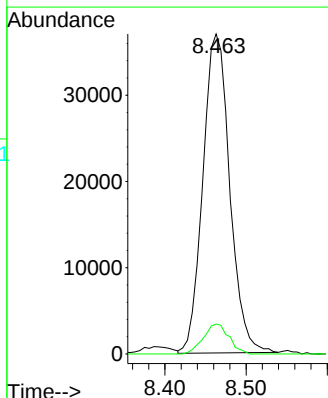
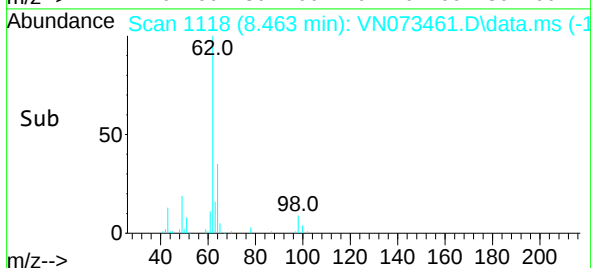
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#42
1,2-Dichloroethane
Concen: 20.967 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. 0.000 min
Lab File: VN073461.D
Acq: 14 Jul 2022 15:15



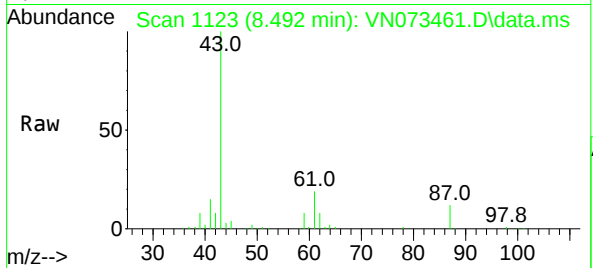
Tgt Ion: 62 Resp: 85138
Ion Ratio Lower Upper
62 100
98 8.9 0.0 19.4





#43
Isopropyl Acetate
Concen: 22.358 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN073461.D
Acq: 14 Jul 2022 15:15

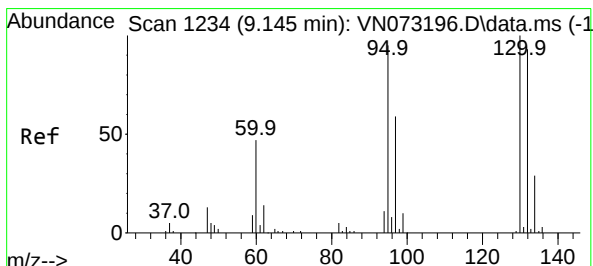
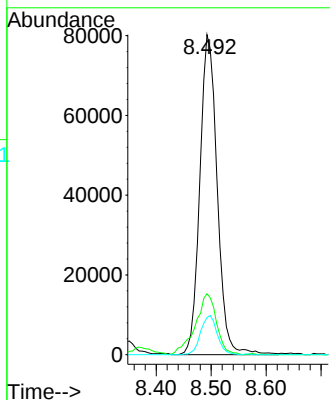
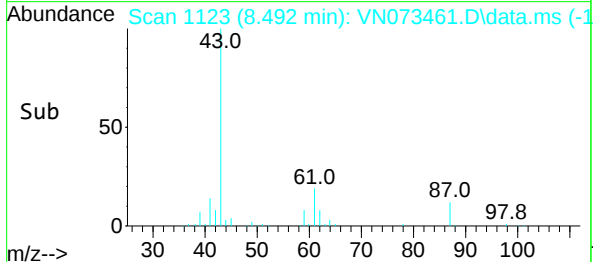
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBS02



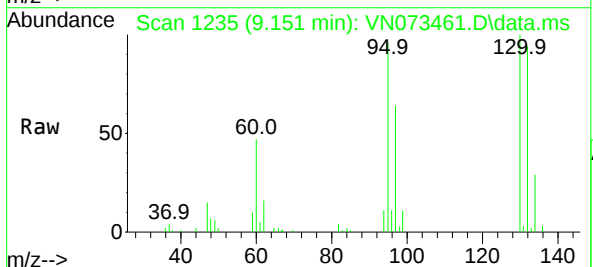
Tgt Ion: 43 Resp: 176225
Ion Ratio Lower Upper
43 100
61 23.1 21.9 32.9
87 11.7 12.0 18.0

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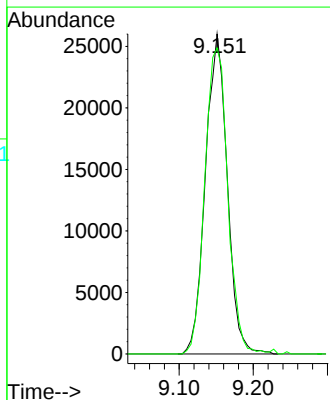
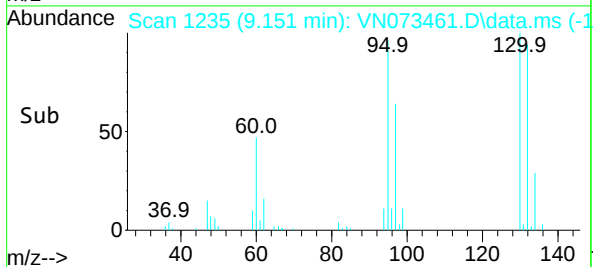
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#44
Trichloroethene
Concen: 18.635 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. 0.006 min
Lab File: VN073461.D
Acq: 14 Jul 2022 15:15



Tgt Ion:130 Resp: 53124
Ion Ratio Lower Upper
130 100
95 95.6 0.0 186.8





#45

1,2-Dichloropropane

Concen: 21.295 ug/l

RT: 9.428 min Scan# 1281

Delta R.T. 0.006 min

Lab File: VN073461.D

Acq: 14 Jul 2022 15:15

Instrument :

MSVOA_N

ClientSampleId :

VN0714WBS02

Tgt Ion: 63 Resp: 6080

Ion Ratio Lower Upper

63 100

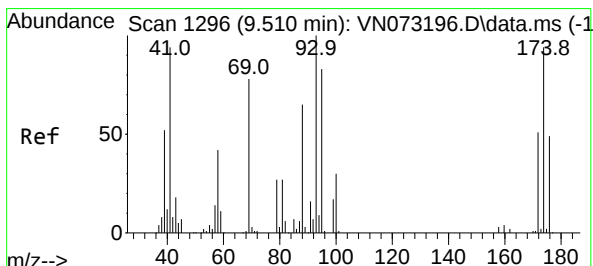
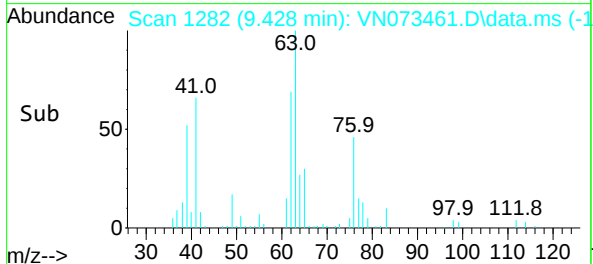
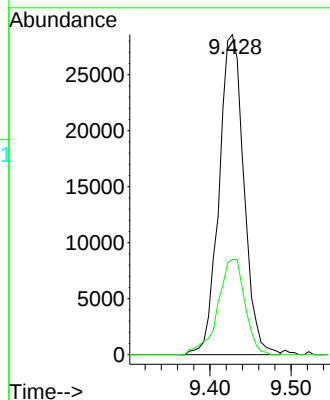
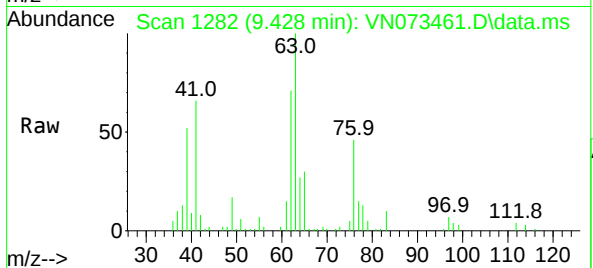
65 29.7 24.9 37.3

Manual Integrations

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Reviewed By :John Carlone 07/15/2022

Supervised By :Mahesh Dadoda 07/15/2022



#46

Dibromomethane

Concen: 20.607 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. 0.006 min

Lab File: VN073461.D

Acq: 14 Jul 2022 15:15

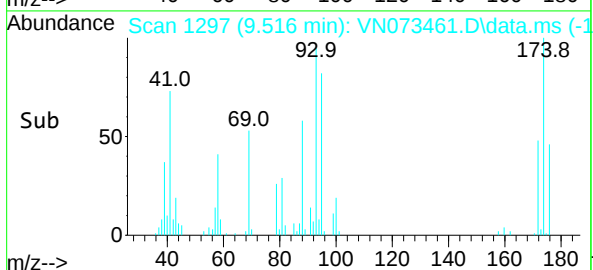
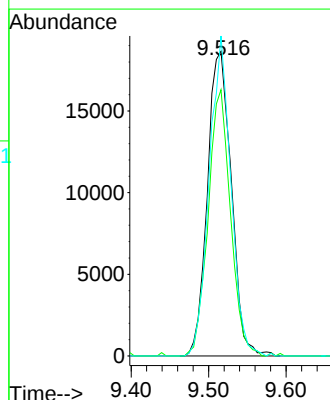
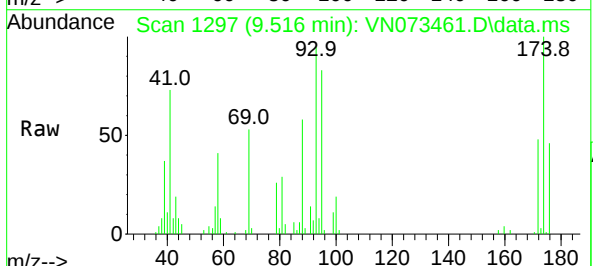
Tgt Ion: 93 Resp: 39950

Ion Ratio Lower Upper

93 100

95 81.7 66.9 100.3

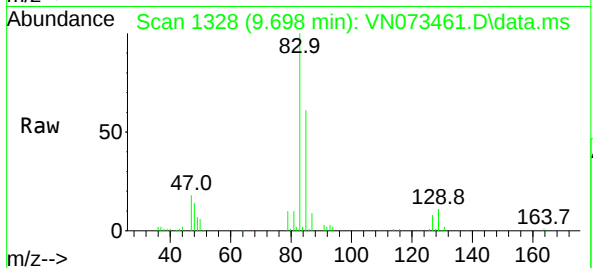
174 95.2 86.6 130.0





#47
Bromodichloromethane
Concen: 21.753 ug/l
RT: 9.698 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VN073461.D
Acq: 14 Jul 2022 15:15

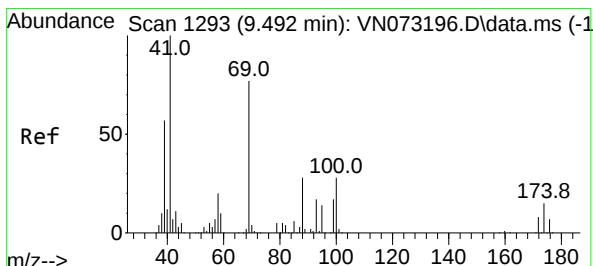
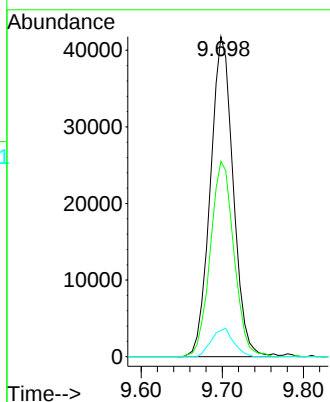
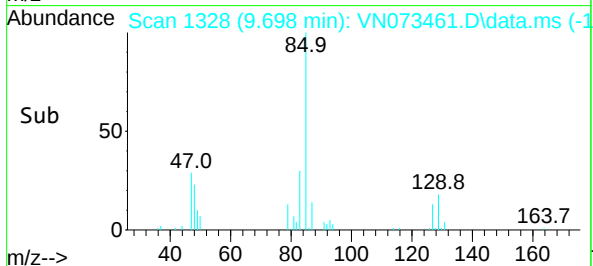
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBS02



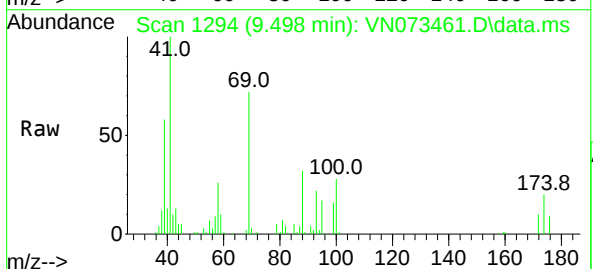
Tgt Ion: 83 Resp: 81670
Ion Ratio Lower Upper
83 100
85 61.0 50.5 75.7
127 8.2 6.8 10.2

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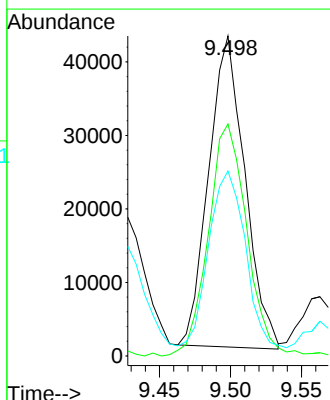
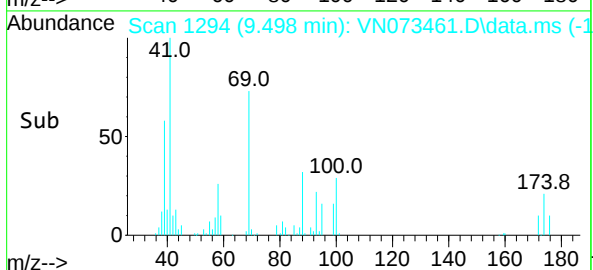
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

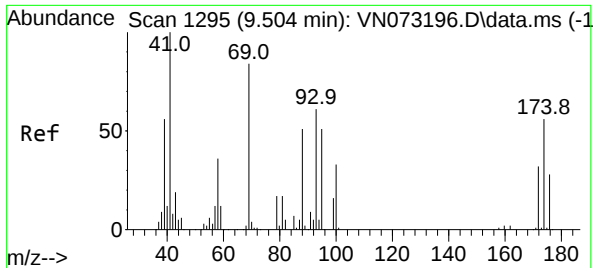


#48
Methyl methacrylate
Concen: 20.544 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. 0.006 min
Lab File: VN073461.D
Acq: 14 Jul 2022 15:15



Tgt Ion: 41 Resp: 74976
Ion Ratio Lower Upper
41 100
69 79.7 74.7 112.1
39 63.6 45.6 68.4





#49

1,4-Dioxane

Concen: 487.776 ug/l

RT: 9.504 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VN073461.D

Acq: 14 Jul 2022 15:15

Instrument :

MSVOA_N

ClientSampleId :

VN0714WBS02

Tgt Ion: 88 Resp: 33794

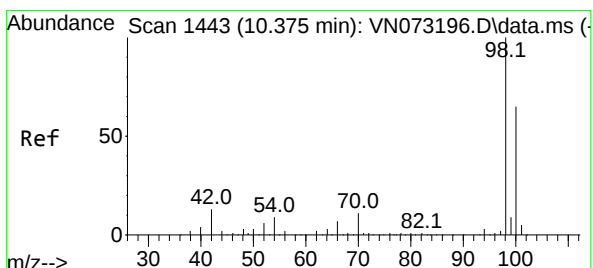
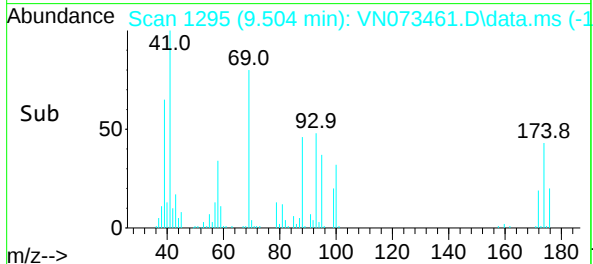
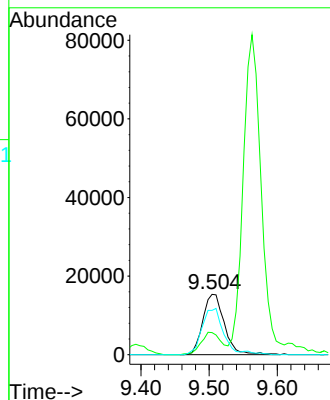
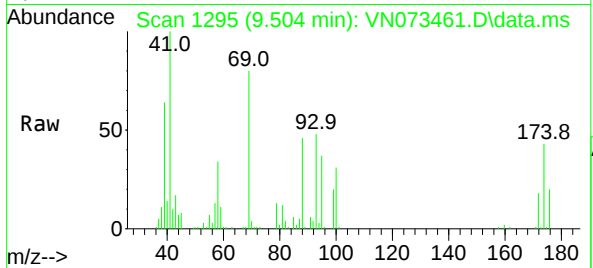
Ion	Ratio	Lower	Upper
88	100		
43	35.4	20.2	30.4
58	74.2	54.2	81.4

Manual Integrations

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Reviewed By :John Carlone 07/15/2022

Supervised By :Mahesh Dadoda 07/15/2022



#50

Toluene-d8

Concen: 50.168 ug/l

RT: 10.381 min Scan# 1444

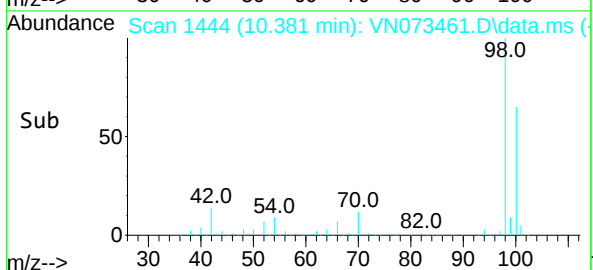
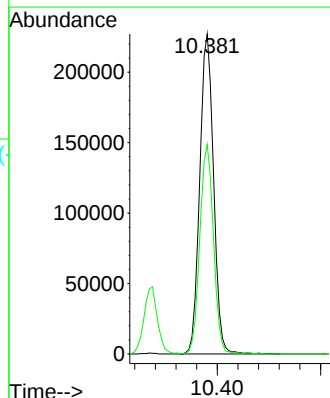
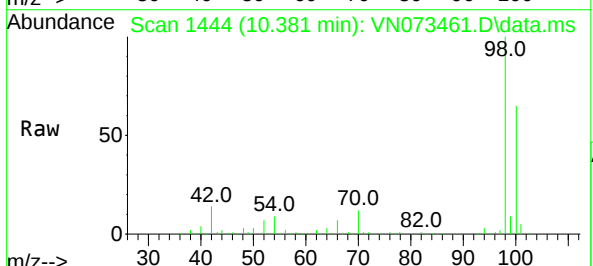
Delta R.T. 0.006 min

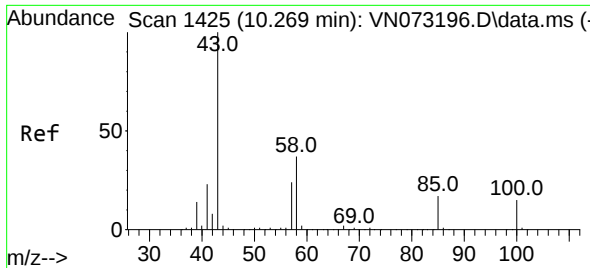
Lab File: VN073461.D

Acq: 14 Jul 2022 15:15

Tgt Ion: 98 Resp: 420325

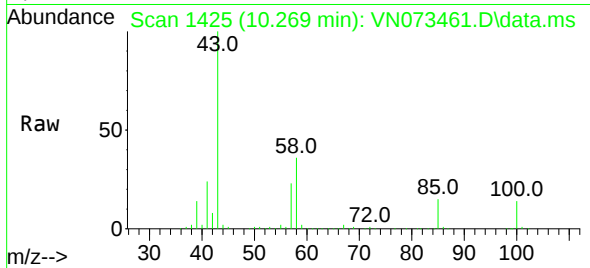
Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.6	78.8





#51
4-Methyl-2-Pentanone
Concen: 120.974 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VN073461.D
Acq: 14 Jul 2022 15:15

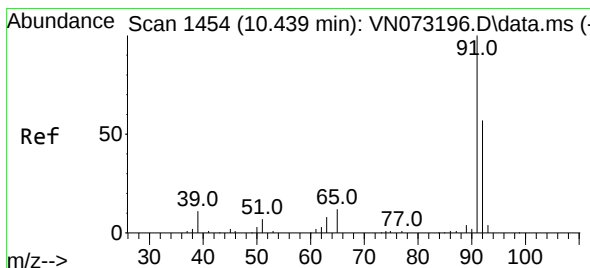
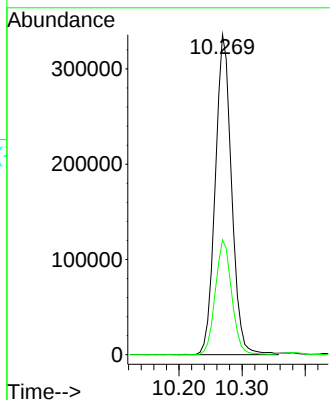
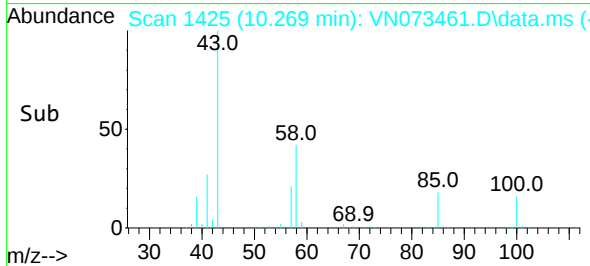
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBS02



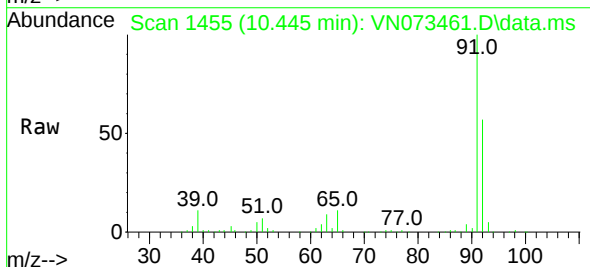
Tgt Ion: 43 Resp: 604680
Ion Ratio Lower Upper
43 100
58 36.0 34.1 51.1

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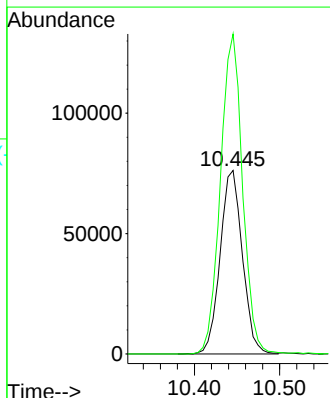
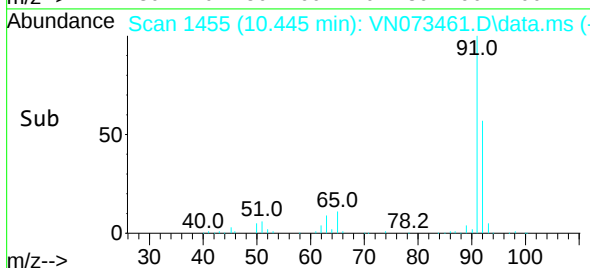
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#52
Toluene
Concen: 19.994 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.006 min
Lab File: VN073461.D
Acq: 14 Jul 2022 15:15



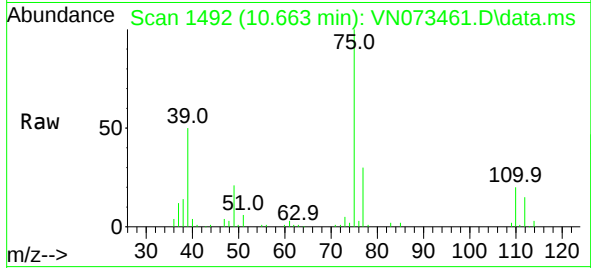
Tgt Ion: 92 Resp: 138418
Ion Ratio Lower Upper
92 100
91 173.4 138.6 207.8





#53
 t-1,3-Dichloropropene
 Concen: 20.340 ug/l
 RT: 10.663 min Scan# 1492
 Delta R.T. 0.006 min
 Lab File: VN073461.D
 Acq: 14 Jul 2022 15:15

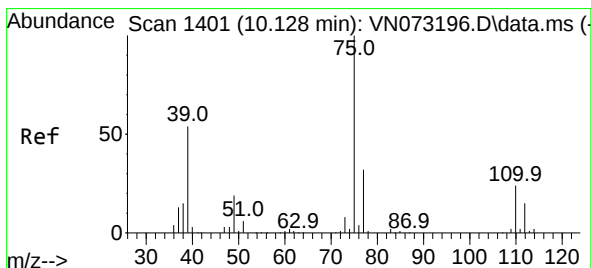
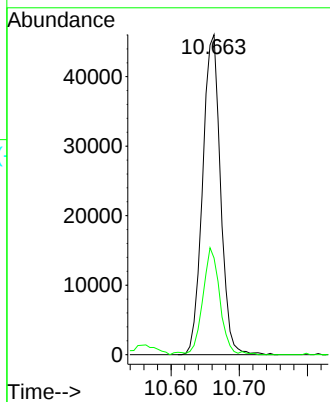
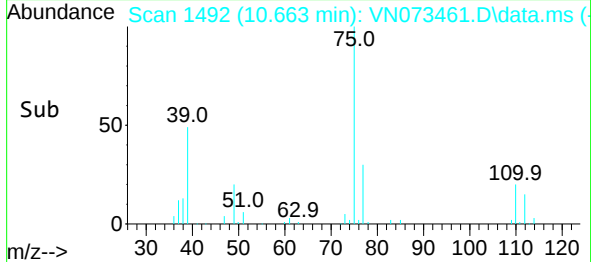
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0714WBS02



Tgt Ion: 75 Resp: 84070
 Ion Ratio Lower Upper
 75 100
 77 30.2 25.6 38.4

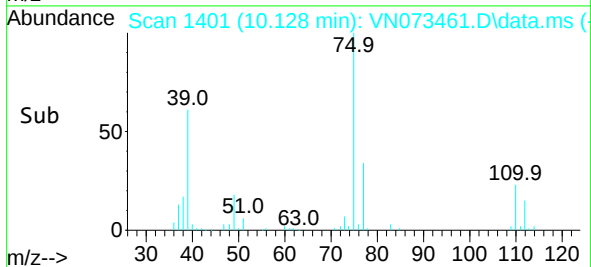
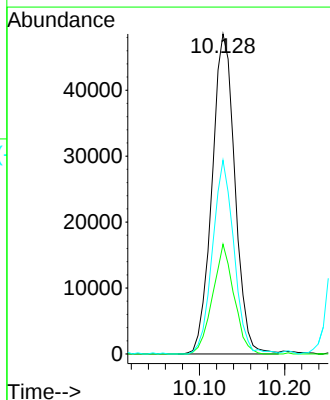
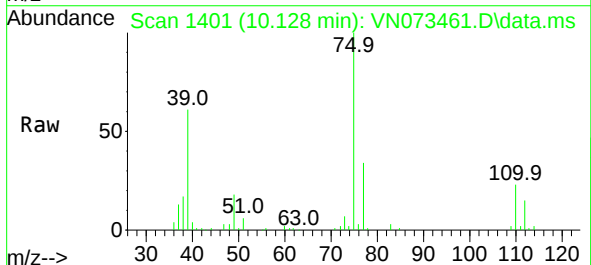
Manual Integrations
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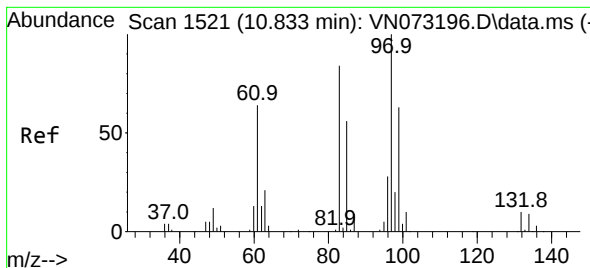
Reviewed By :John Carlone 07/15/2022
 Supervised By :Mahesh Dadoda 07/15/2022



#54
 cis-1,3-Dichloropropene
 Concen: 20.312 ug/l
 RT: 10.128 min Scan# 1401
 Delta R.T. -0.000 min
 Lab File: VN073461.D
 Acq: 14 Jul 2022 15:15

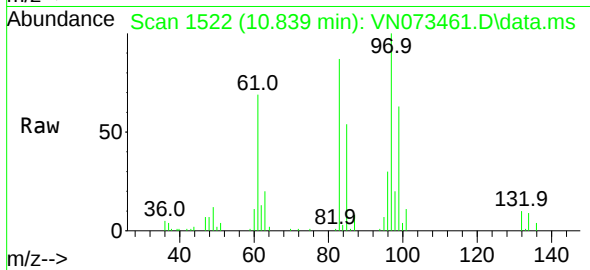
Tgt Ion: 75 Resp: 90641
 Ion Ratio Lower Upper
 75 100
 77 34.3 25.2 37.8
 39 60.2 35.7 53.5#





#55
1,1,2-Trichloroethane
Concen: 20.513 ug/l
RT: 10.839 min Scan# 1521
Delta R.T. 0.006 min
Lab File: VN073461.D
Acq: 14 Jul 2022 15:15

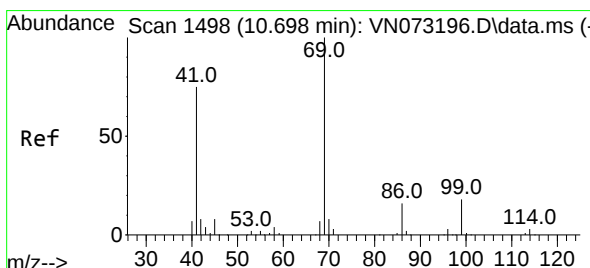
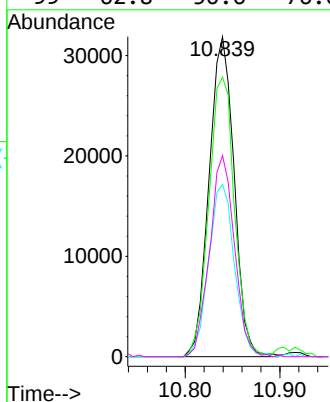
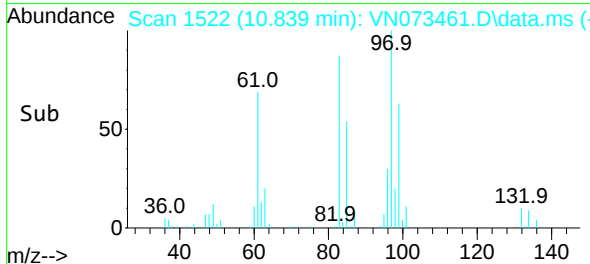
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBS02



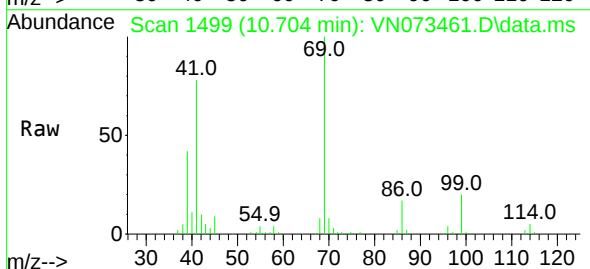
Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.3	66.2	99.4
85	53.9	43.9	65.9
99	62.8	50.6	76.0

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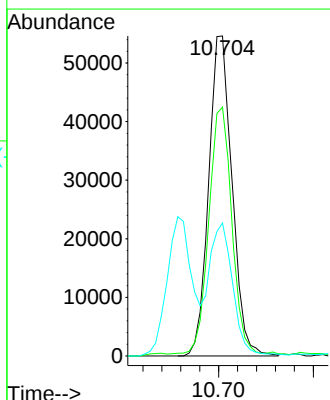
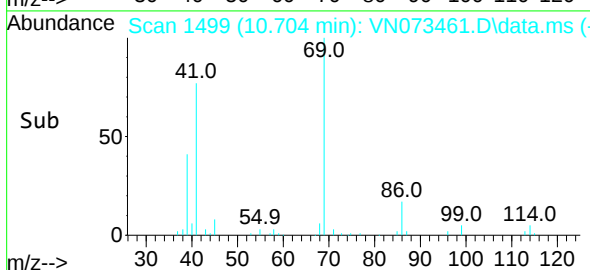
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

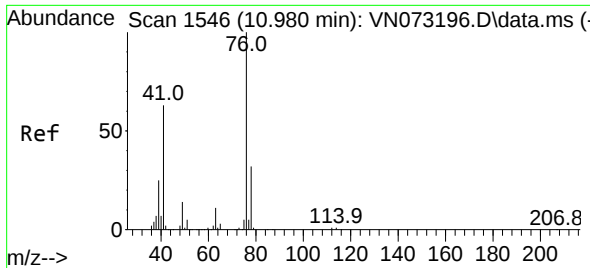


#56
Ethyl methacrylate
Concen: 20.305 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. 0.006 min
Lab File: VN073461.D
Acq: 14 Jul 2022 15:15



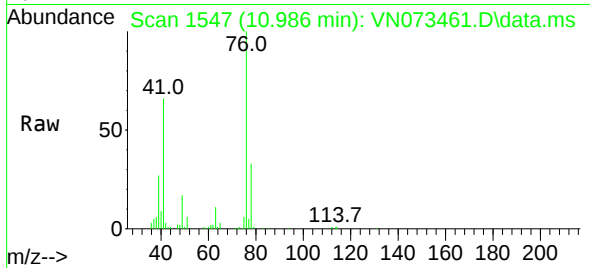
Tgt Ion	Ratio	Lower	Upper
69	100		
41	75.2	47.8	71.6#
39	41.5	27.3	40.9#





#57
1,3-Dichloropropane
Concen: 20.981 ug/l
RT: 10.986 min Scan# 1546
Delta R.T. 0.006 min
Lab File: VN073461.D
Acq: 14 Jul 2022 15:15

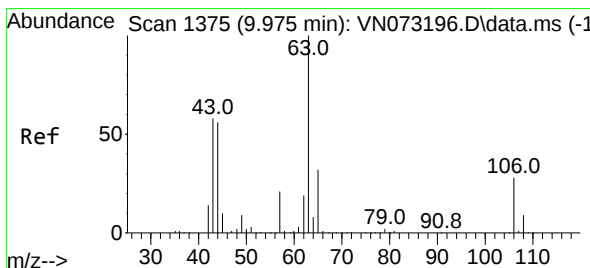
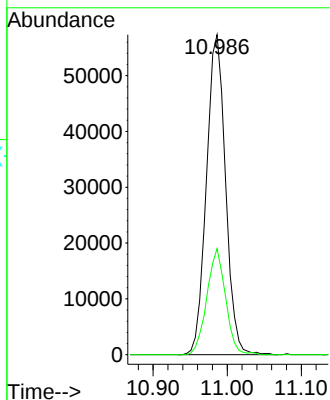
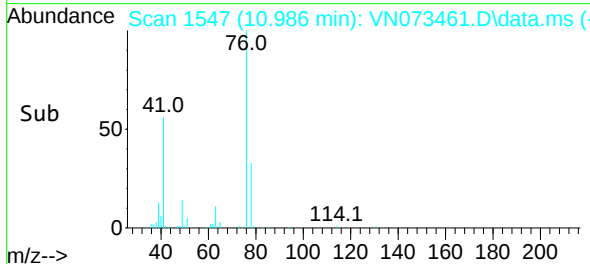
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBS02



Tgt Ion: 76 Resp: 10250
Ion Ratio Lower Upper
76 100
78 32.5 26.2 39.2

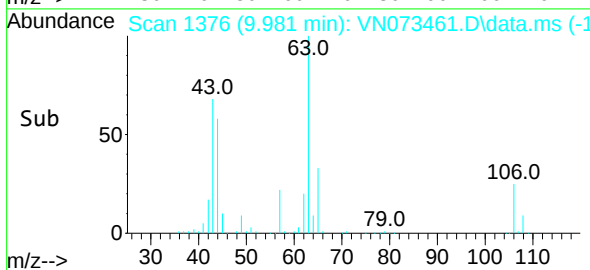
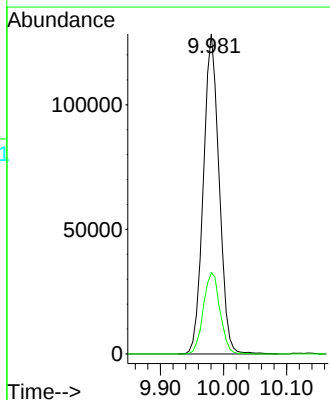
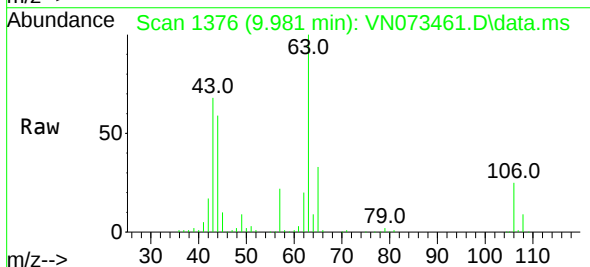
Manual Integrations
APPROVED

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



#58
2-Chloroethyl Vinyl ether
Concen: 108.122 ug/l
RT: 9.981 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VN073461.D
Acq: 14 Jul 2022 15:15

Tgt Ion: 63 Resp: 222129
Ion Ratio Lower Upper
63 100
106 26.8 24.6 36.8





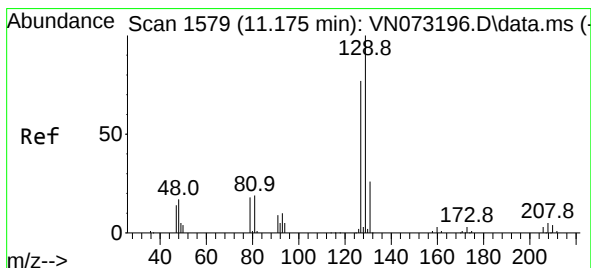
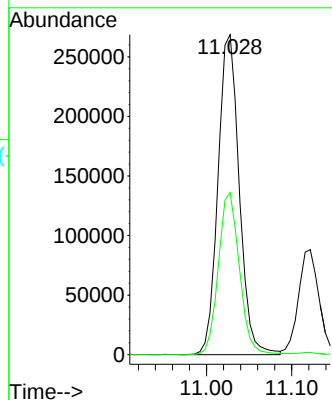
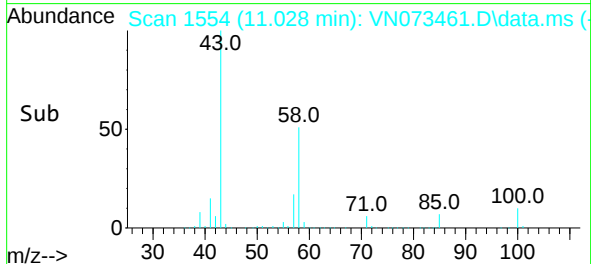
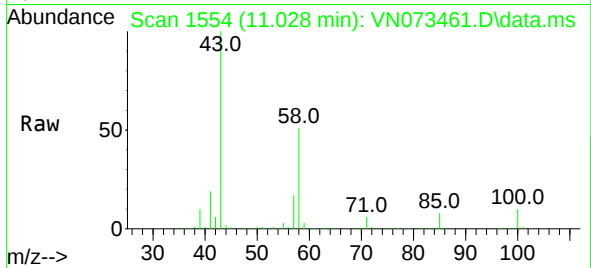
#59
2-Hexanone
Concen: 122.209 ug/l
RT: 11.028 min Scan# 1553
Delta R.T. 0.006 min
Lab File: VN073461.D
Acq: 14 Jul 2022 15:15

Instrument :
MSVOA_N
ClientSampleId :
VN0714WBS02

Tgt Ion: 43 Resp: 465640
Ion Ratio Lower Upper
43 100
58 50.2 29.7 89.1

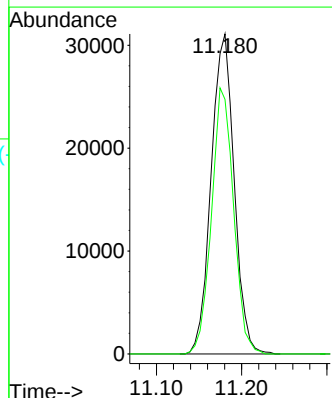
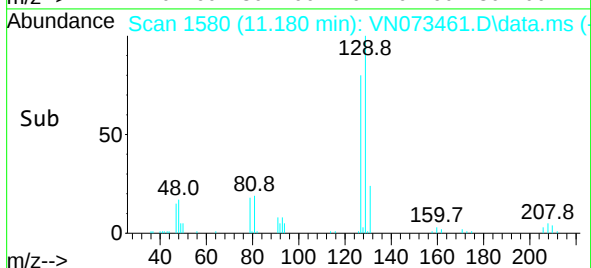
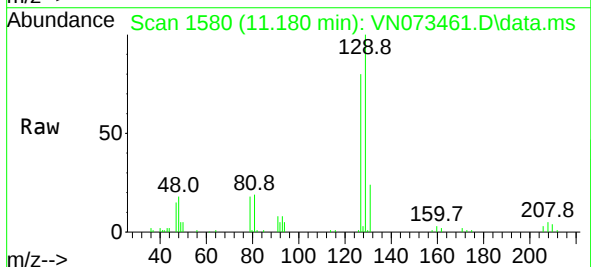
Manual Integrations
APPROVED

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



#60
Dibromochloromethane
Concen: 21.463 ug/l
RT: 11.180 min Scan# 1580
Delta R.T. 0.005 min
Lab File: VN073461.D
Acq: 14 Jul 2022 15:15

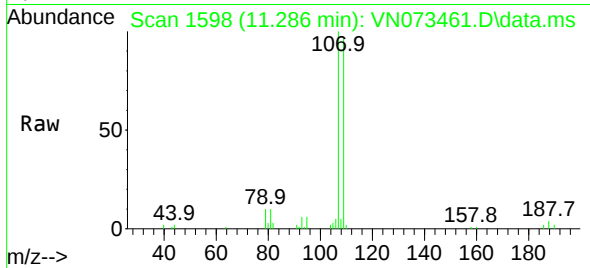
Tgt Ion:129 Resp: 58320
Ion Ratio Lower Upper
129 100
127 79.9 38.8 116.4





#61
1,2-Dibromoethane
Concen: 20.523 ug/l
RT: 11.286 min Scan# 1597
Delta R.T. 0.006 min
Lab File: VN073461.D
Acq: 14 Jul 2022 15:15

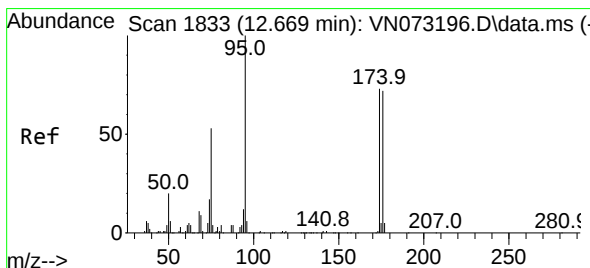
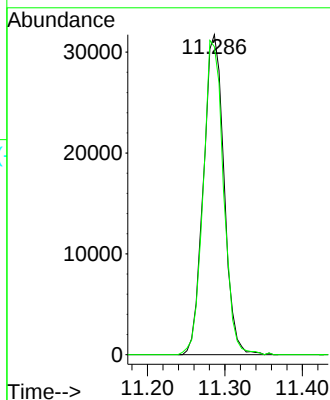
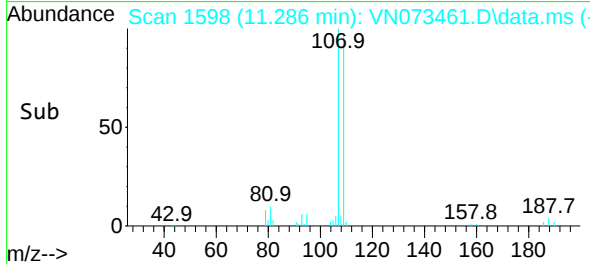
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBS02



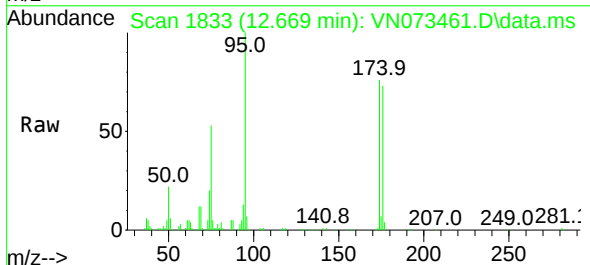
Tgt Ion:107 Resp: 58424
Ion Ratio Lower Upper
107 100
109 97.0 75.0 112.6

Manual Integrations
APPROVED

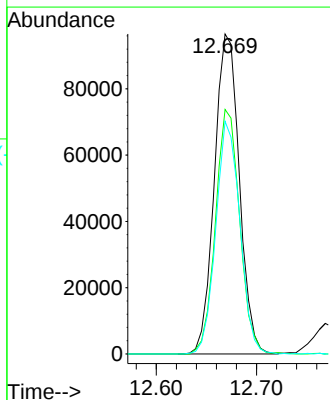
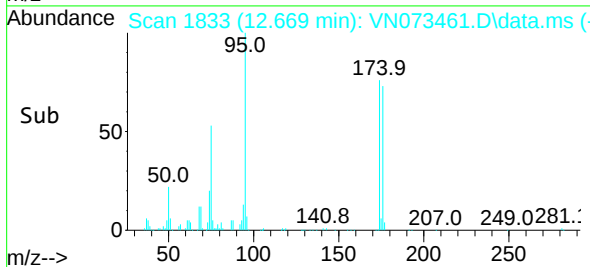
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#62
4-Bromofluorobenzene
Concen: 51.725 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073461.D
Acq: 14 Jul 2022 15:15



Tgt Ion: 95 Resp: 166542
Ion Ratio Lower Upper
95 100
174 74.3 0.0 167.6
176 70.2 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.686 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN073461.D

Acq: 14 Jul 2022 15:15

Instrument :

MSVOA_N

ClientSampleId :

VN0714WBS02

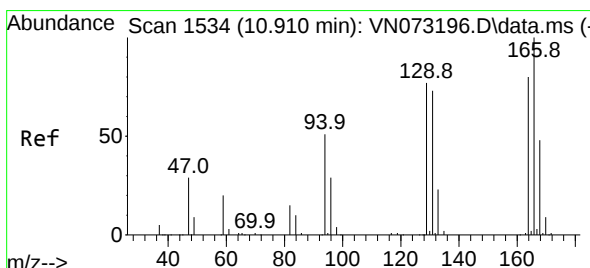
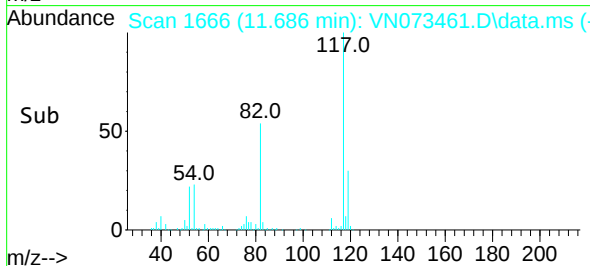
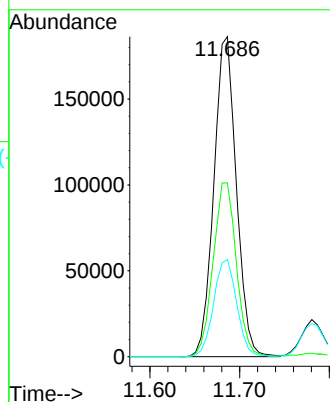
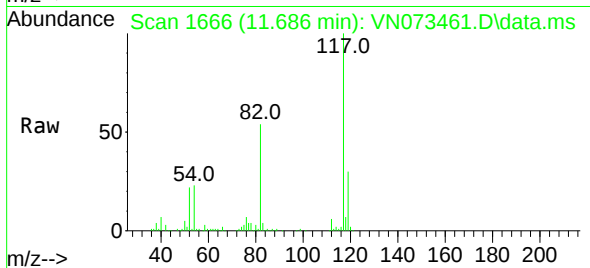
Tgt Ion:117	Resp: 32438
Ion Ratio	Lower Upper
117 100	
82 54.3	44.2 66.2
119 30.4	25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2022

Supervised By :Mahesh Dadoda 07/15/2022



#64

Tetrachloroethene

Concen: 19.142 ug/l

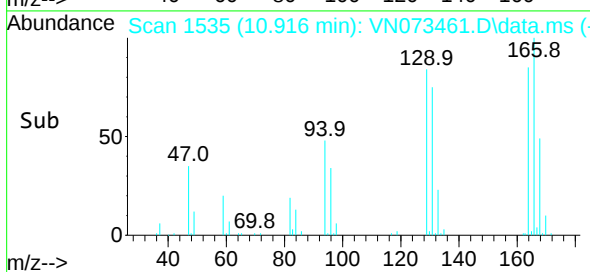
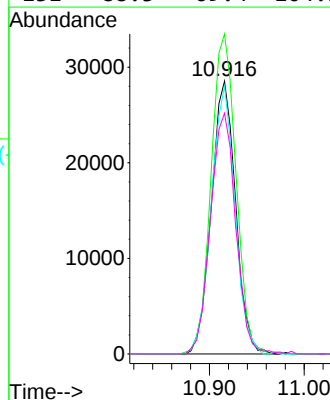
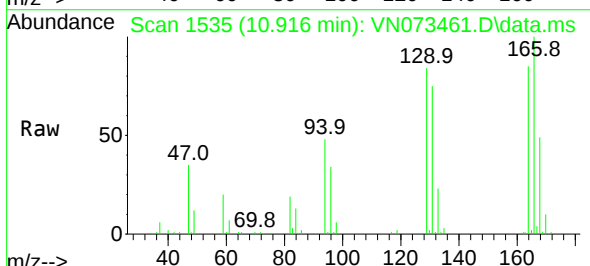
RT: 10.916 min Scan# 1535

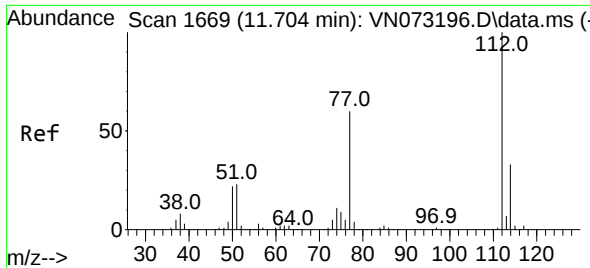
Delta R.T. 0.006 min

Lab File: VN073461.D

Acq: 14 Jul 2022 15:15

Tgt Ion:164	Resp: 50704
Ion Ratio	Lower Upper
164 100	
166 117.3	104.2 156.2
129 98.2	73.9 110.9
131 88.3	69.4 104.2





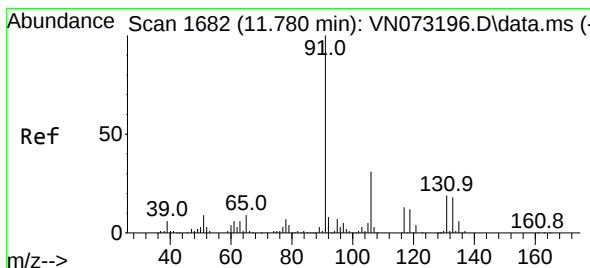
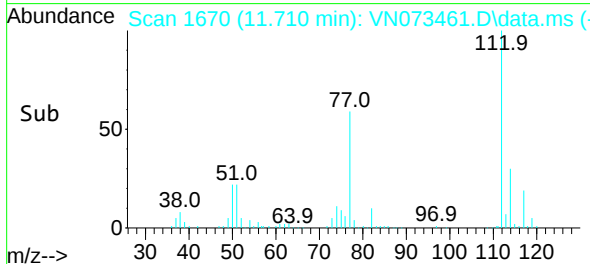
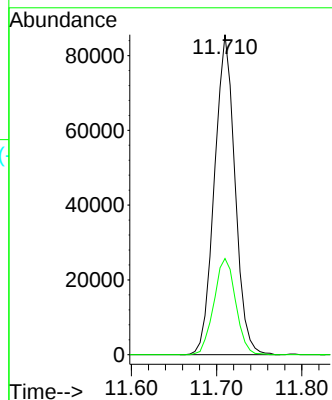
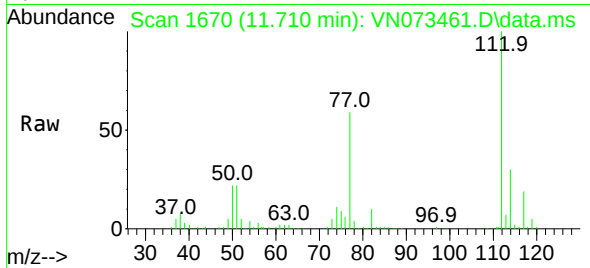
#65
Chlorobenzene
Concen: 19.538 ug/l
RT: 11.710 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN073461.D
Acq: 14 Jul 2022 15:15

Instrument :
MSVOA_N
ClientSampleId :
VN0714WBS02

Tgt Ion:112 Resp: 14333
Ion Ratio Lower Upper
112 100
114 30.0 25.4 38.2

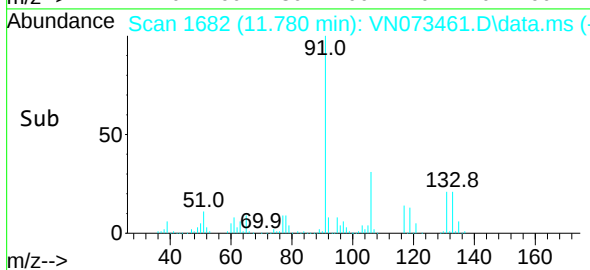
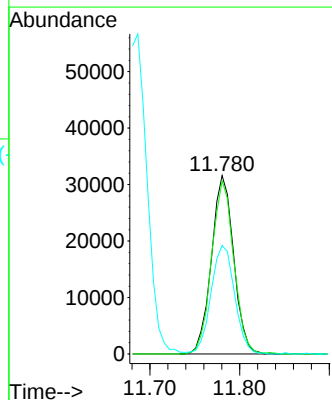
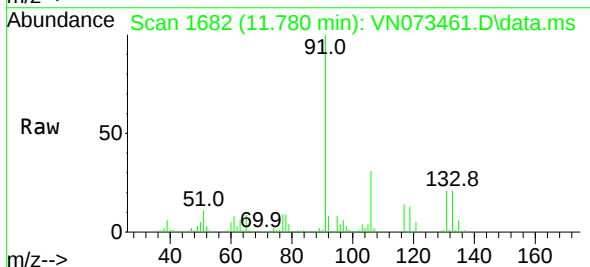
Manual Integrations
APPROVED

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



#66
1,1,1,2-Tetrachloroethane
Concen: 20.171 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073461.D
Acq: 14 Jul 2022 15:15

Tgt Ion:131 Resp: 54432
Ion Ratio Lower Upper
131 100
133 96.9 47.8 143.4
119 64.4 33.4 100.2





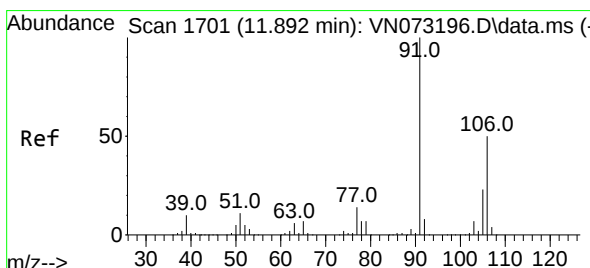
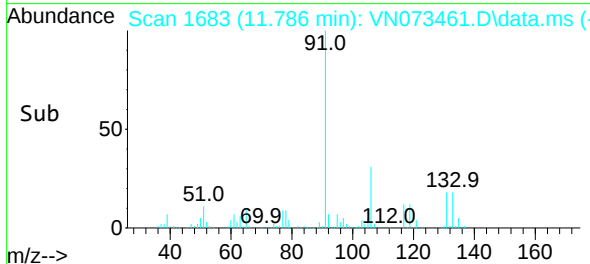
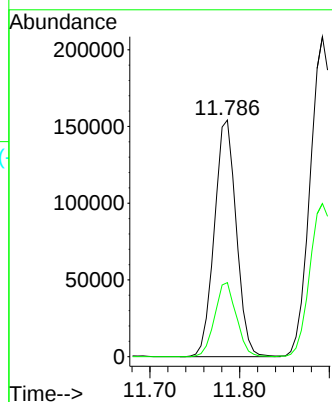
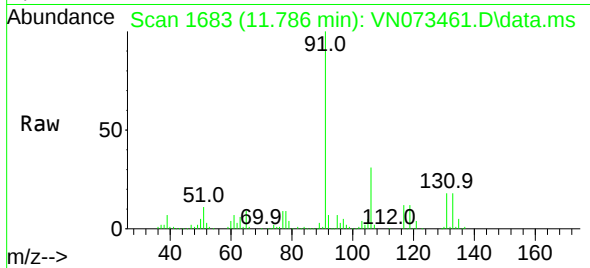
#67
Ethyl Benzene
Concen: 19.627 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.006 min
Lab File: VN073461.D
Acq: 14 Jul 2022 15:15

Instrument :
MSVOA_N
ClientSampleId :
VN0714WBS02

Tgt Ion: 91 Resp: 26141
Ion Ratio Lower Upper
91 100
106 31.3 24.9 37.3

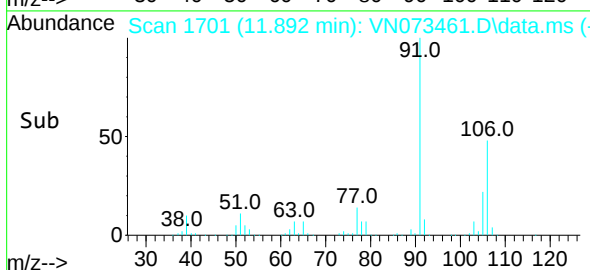
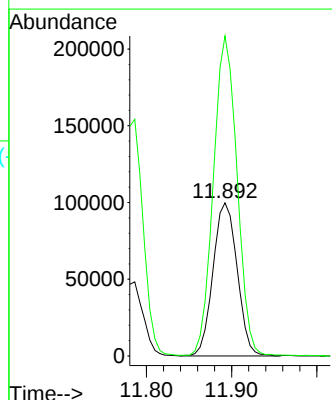
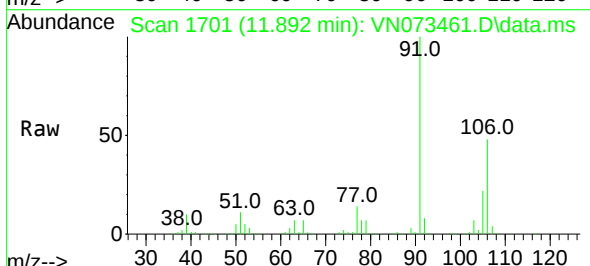
Manual Integrations
APPROVED

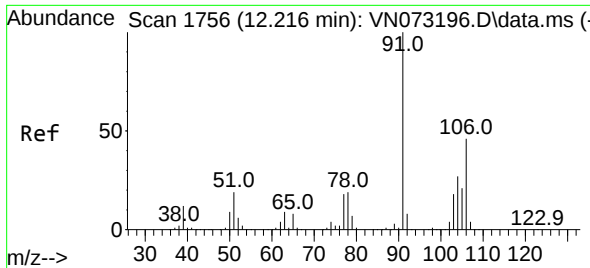
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#68
m/p-Xylenes
Concen: 39.079 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN073461.D
Acq: 14 Jul 2022 15:15

Tgt Ion:106 Resp: 196436
Ion Ratio Lower Upper
106 100
91 204.6 158.9 238.3





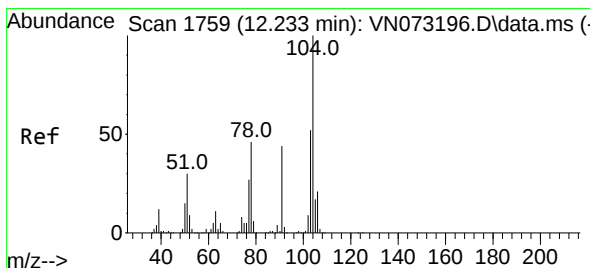
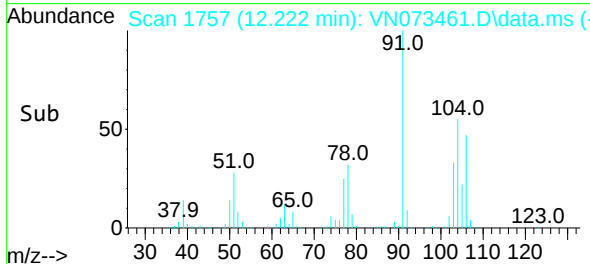
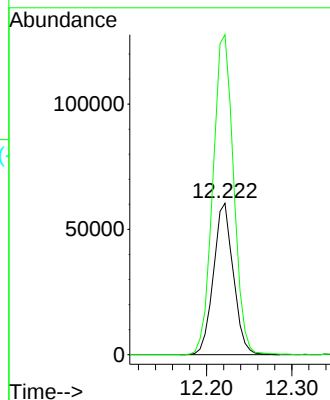
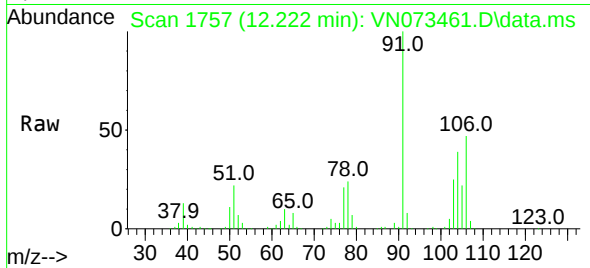
#69
o-Xylene
Concen: 19.037 ug/l
RT: 12.222 min Scan# 1756
Delta R.T. 0.006 min
Lab File: VN073461.D
Acq: 14 Jul 2022 15:15

Instrument :
MSVOA_N
ClientSampleId :
VN0714WBS02

Tgt Ion:106 Resp: 97688
Ion Ratio Lower Upper
106 100
91 221.0 106.0 318.0

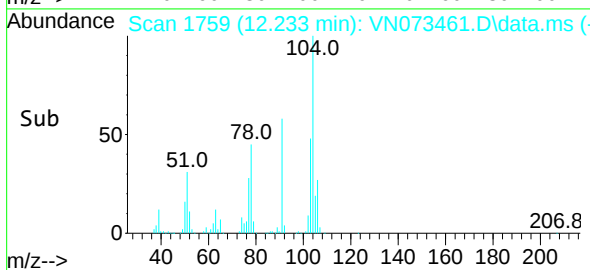
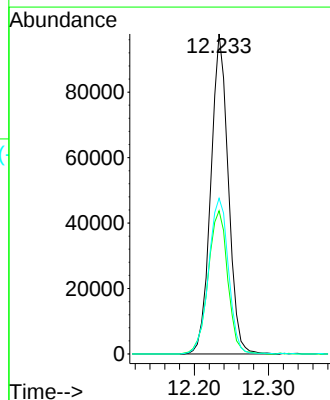
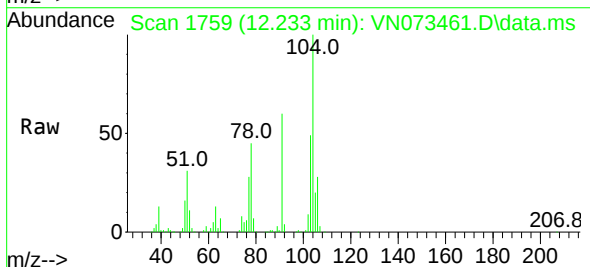
Manual Integrations
APPROVED

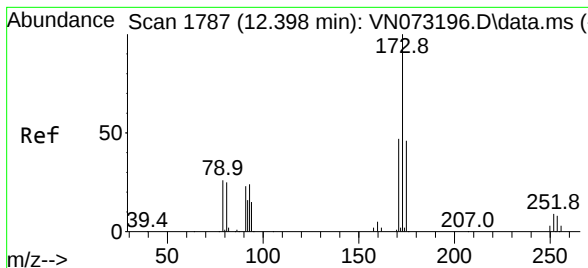
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#70
Styrene
Concen: 20.229 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN073461.D
Acq: 14 Jul 2022 15:15

Tgt Ion:104 Resp: 160268
Ion Ratio Lower Upper
104 100
78 50.1 39.5 59.3
103 55.1 44.0 66.0





#71

Bromoform

Concen: 20.944 ug/l

RT: 12.398 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN073461.D

Acq: 14 Jul 2022 15:15

Instrument :

MSVOA_N

ClientSampleId :

VN0714WBS02

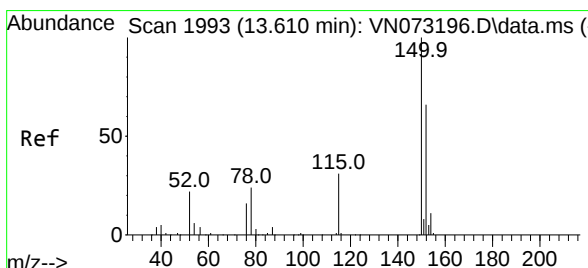
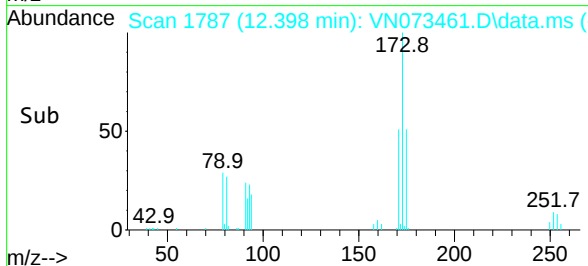
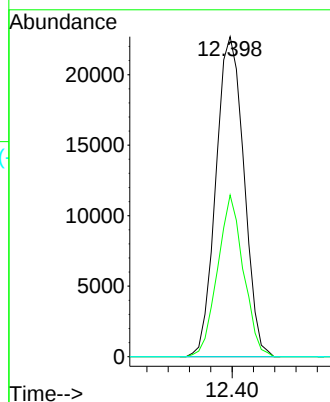
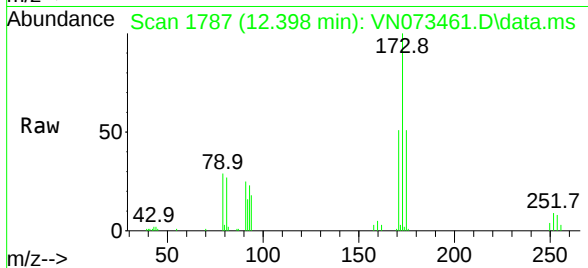
Tgt Ion:173	Resp:	4135
Ion Ratio	Lower	Upper
173	100	
175	46.8	24.6 73.6
254	0.0	0.1 0.1

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

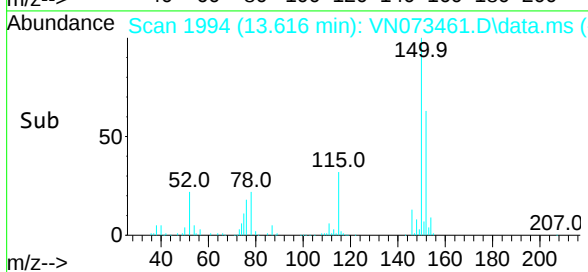
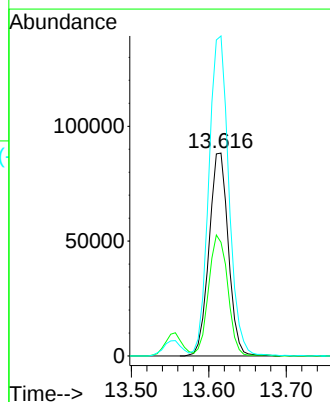
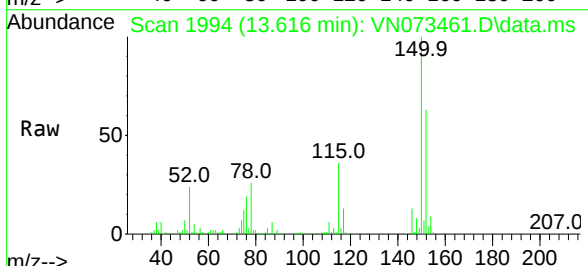
RT: 13.616 min Scan# 1994

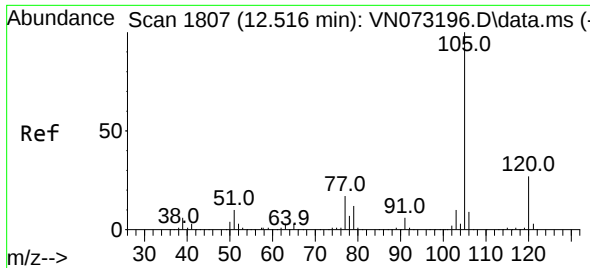
Delta R.T. 0.006 min

Lab File: VN073461.D

Acq: 14 Jul 2022 15:15

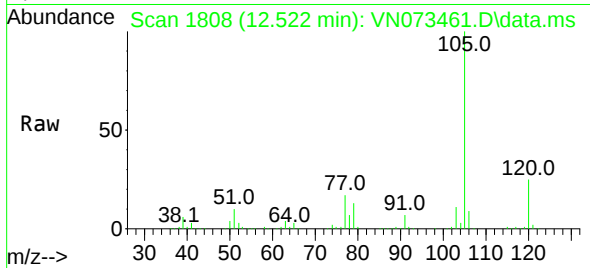
Tgt Ion:152	Resp:	152610
Ion Ratio	Lower	Upper
152	100	
115	58.2	28.9 86.7
150	164.0	0.0 356.2





#73
Isopropylbenzene
Concen: 19.396 ug/l
RT: 12.522 min Scan# 1808
Delta R.T. 0.006 min
Lab File: VN073461.D
Acq: 14 Jul 2022 15:15

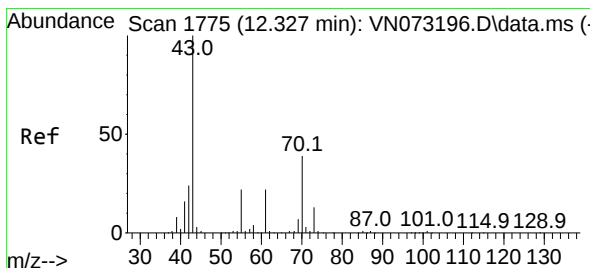
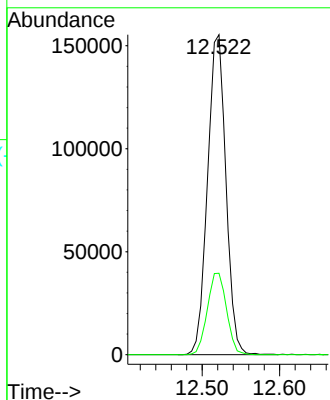
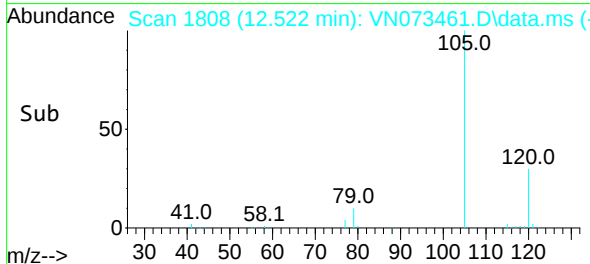
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBS02



Tgt Ion:105 Resp: 255604
Ion Ratio Lower Upper
105 100
120 26.6 13.5 40.4

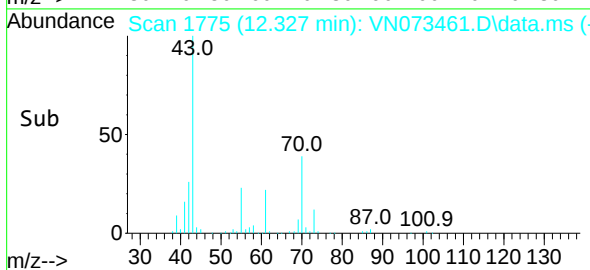
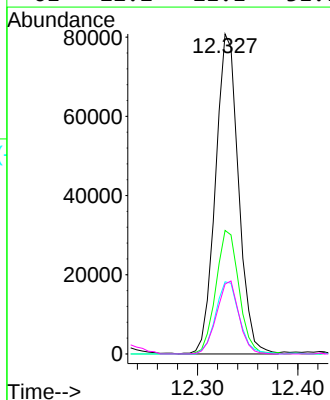
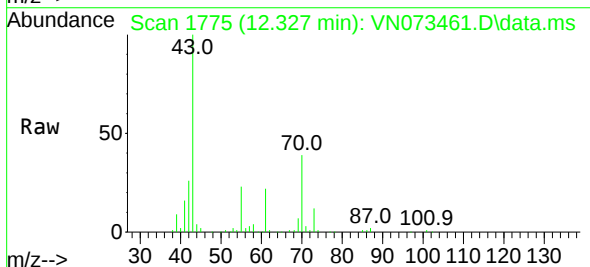
Manual Integrations
APPROVED

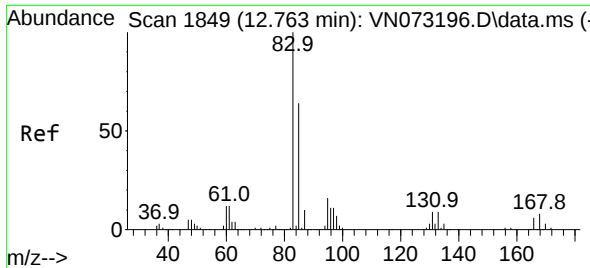
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#74
N-ethyl acetate
Concen: 19.468 ug/l
RT: 12.327 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN073461.D
Acq: 14 Jul 2022 15:15

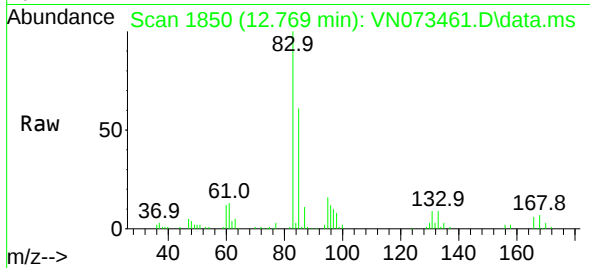
Tgt Ion: 43 Resp: 128464
Ion Ratio Lower Upper
43 100
70 38.8 39.0 58.4#
55 23.2 21.1 31.7
61 22.2 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 21.506 ug/l
RT: 12.769 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN073461.D
Acq: 14 Jul 2022 15:15

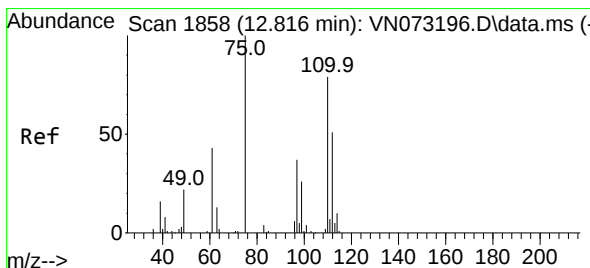
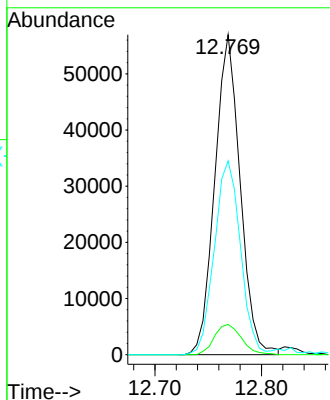
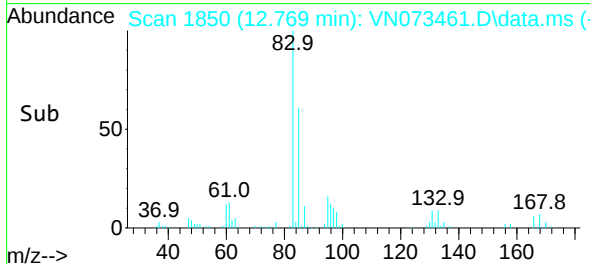
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBS02



Tgt Ion: 83 Resp: 94050
Ion Ratio Lower Upper
83 100
131 10.1 5.3 15.9
85 62.5 32.3 96.9

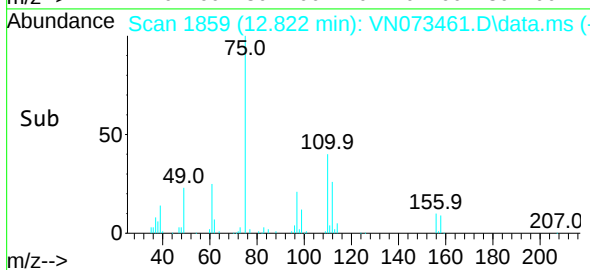
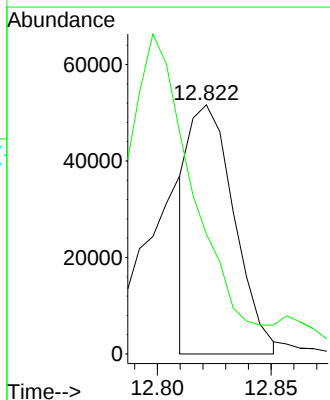
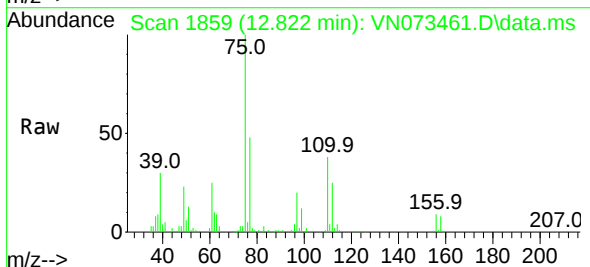
Manual Integrations
APPROVED

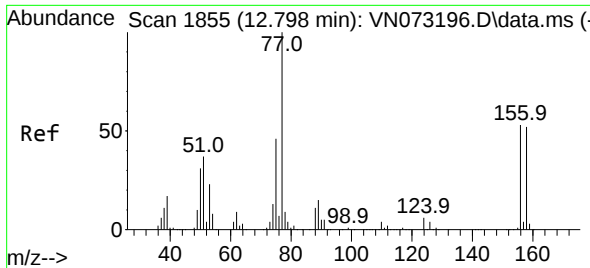
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#76
1,2,3-Trichloropropane
Concen: 17.762 ug/l m
RT: 12.822 min Scan# 1859
Delta R.T. 0.006 min
Lab File: VN073461.D
Acq: 14 Jul 2022 15:15

Tgt Ion: 75 Resp: 70880
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5#





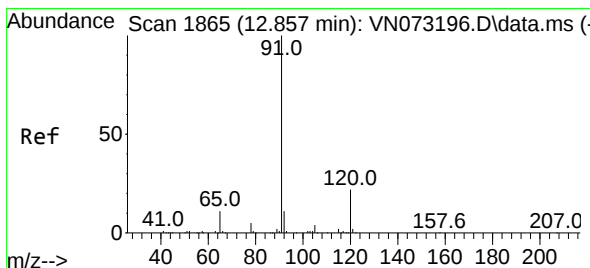
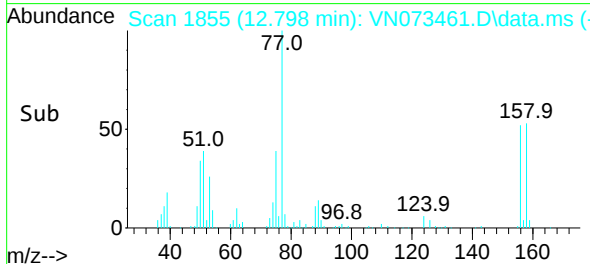
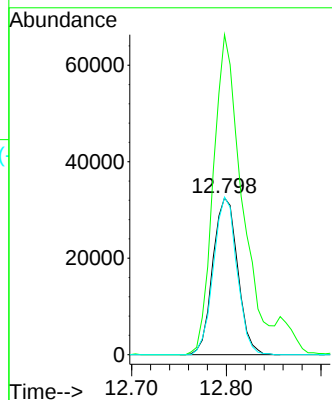
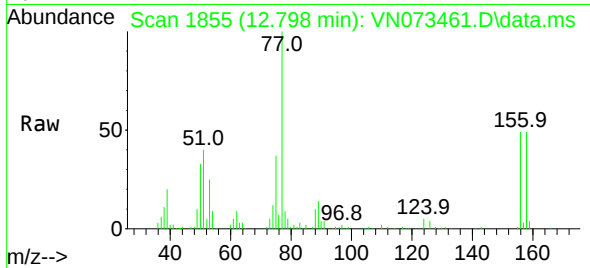
#77
Bromobenzene
Concen: 19.312 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VN073461.D
Acq: 14 Jul 2022 15:15

Instrument :
MSVOA_N
ClientSampleId :
VN0714WBS02

Tgt Ion:156 Resp: 5917
Ion Ratio Lower Upper
156 100
77 237.4 100.5 301.5
158 95.2 48.9 146.6

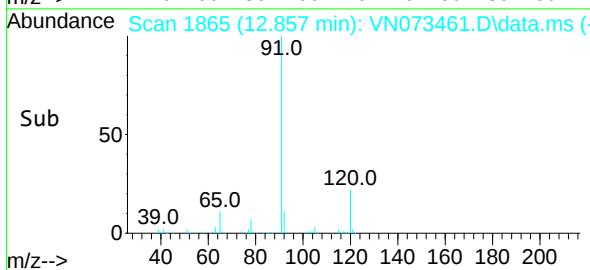
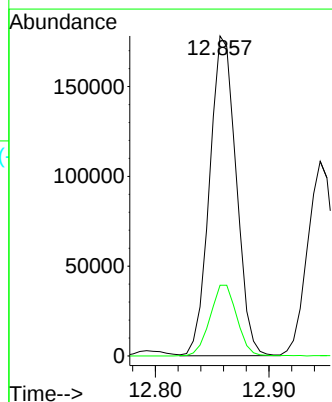
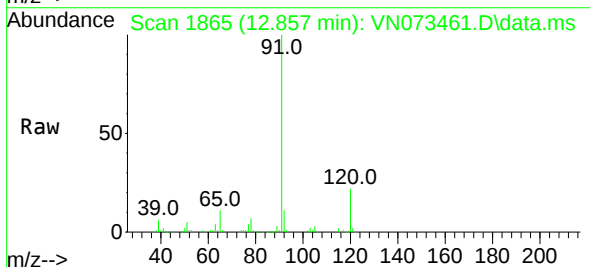
Manual Integrations
APPROVED

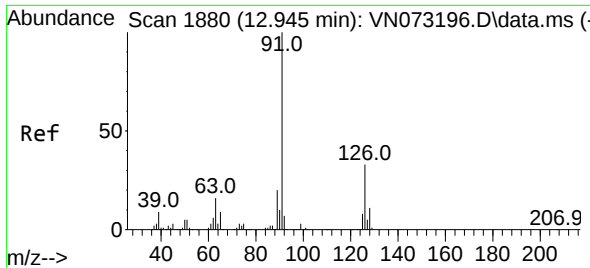
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#78
n-propylbenzene
Concen: 19.813 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. -0.000 min
Lab File: VN073461.D
Acq: 14 Jul 2022 15:15

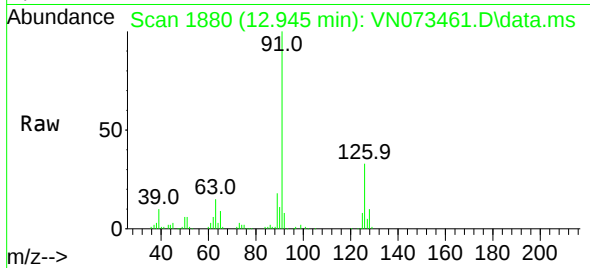
Tgt Ion: 91 Resp: 290070
Ion Ratio Lower Upper
91 100
120 22.3 11.9 35.5





#79
2-Chlorotoluene
Concen: 19.671 ug/l
RT: 12.945 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN073461.D
Acq: 14 Jul 2022 15:15

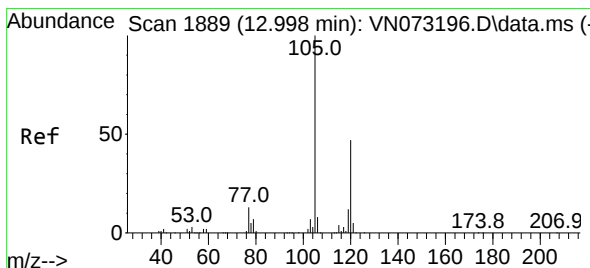
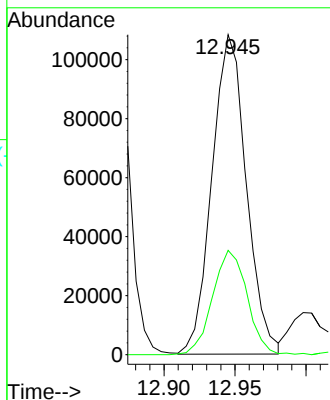
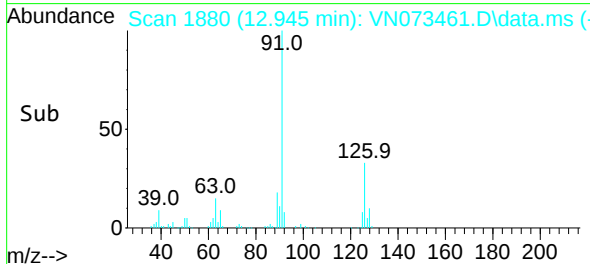
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBS02



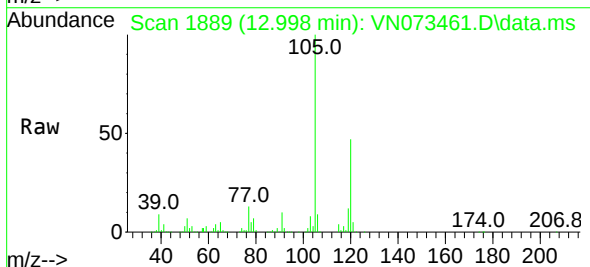
Tgt Ion: 91 Resp: 182272
Ion Ratio Lower Upper
91 100
126 32.9 17.3 51.9

Manual Integrations
APPROVED

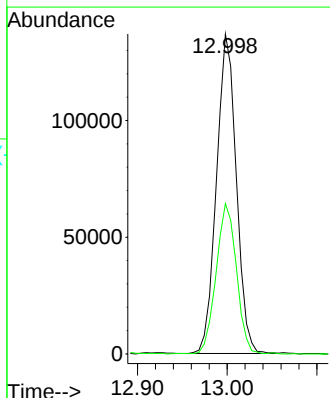
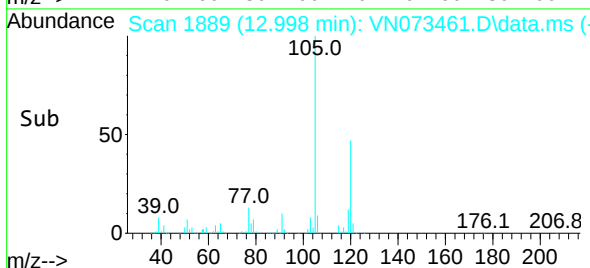
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#80
1,3,5-Trimethylbenzene
Concen: 19.564 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VN073461.D
Acq: 14 Jul 2022 15:15



Tgt Ion:105 Resp: 210148
Ion Ratio Lower Upper
105 100
120 48.2 24.9 74.7





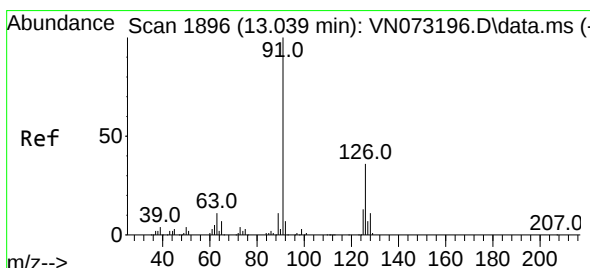
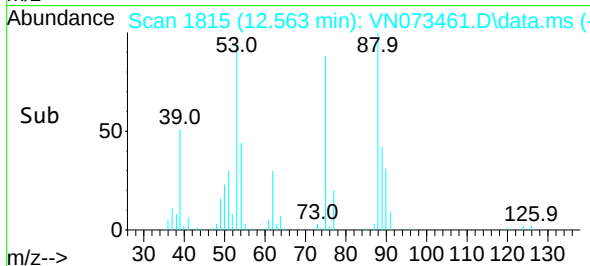
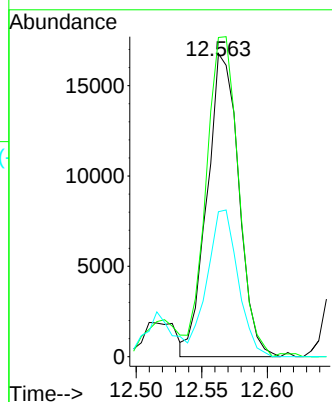
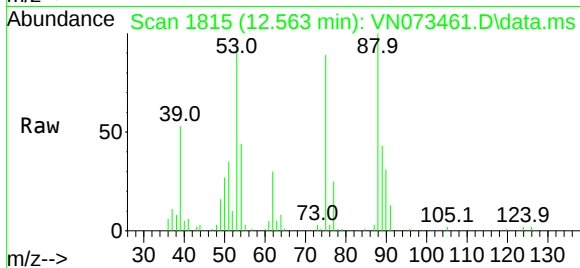
#81
trans-1,4-Dichloro-2-butene
Concen: 19.383 ug/l
RT: 12.563 min Scan# 1815
Delta R.T. -0.000 min
Lab File: VN073461.D
Acq: 14 Jul 2022 15:15

Instrument :
MSVOA_N
ClientSampleId :
VN0714WBS02

Tgt Ion: 75 Resp: 2820
Ion Ratio Lower Upper
75 100
53 105.2 78.0 117.0
89 47.0 37.2 55.8

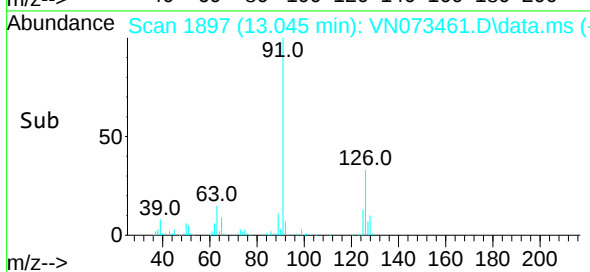
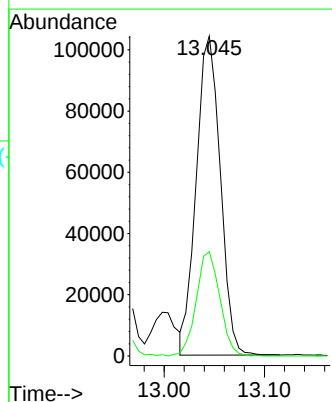
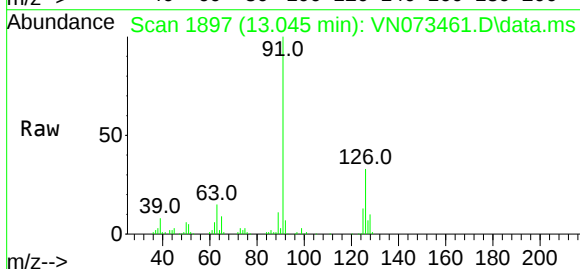
Manual Integrations
APPROVED

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



#82
4-Chlorotoluene
Concen: 19.373 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.006 min
Lab File: VN073461.D
Acq: 14 Jul 2022 15:15

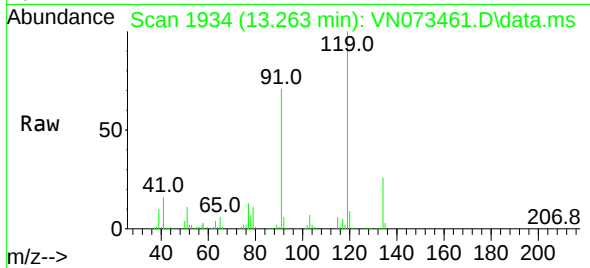
Tgt Ion: 91 Resp: 173782
Ion Ratio Lower Upper
91 100
126 32.1 17.2 51.6





#83
tert-Butylbenzene
Concen: 19.467 ug/l
RT: 13.263 min Scan# 1933
Delta R.T. 0.006 min
Lab File: VN073461.D
Acq: 14 Jul 2022 15:15

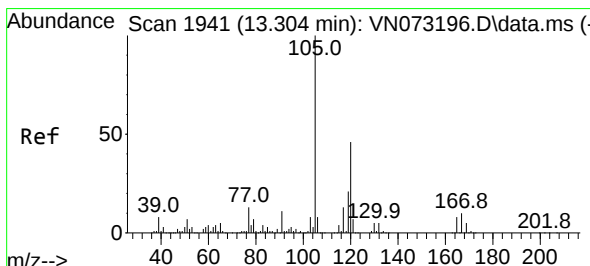
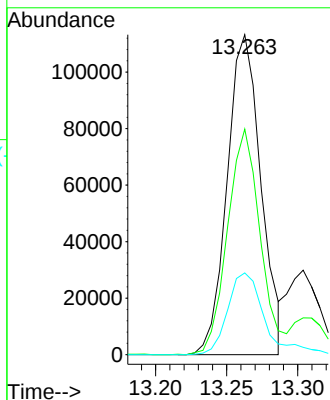
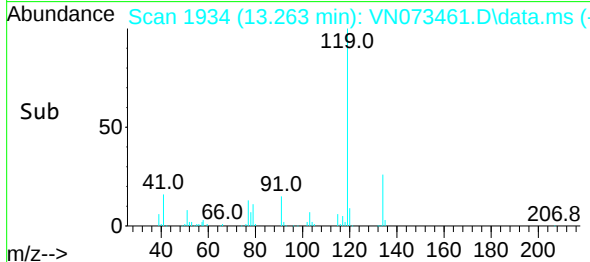
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBS02



Tgt Ion:119 Resp: 187468
Ion Ratio Lower Upper
119 100
91 68.6 31.6 94.8
134 27.9 13.7 41.1

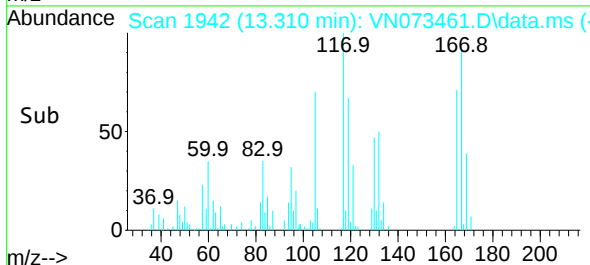
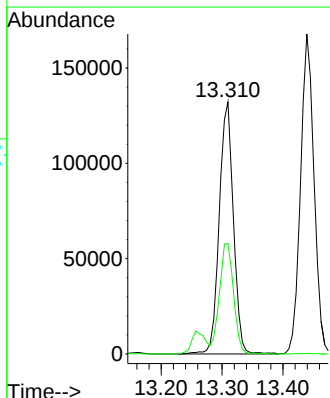
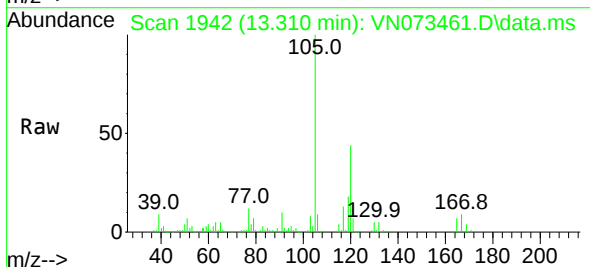
Manual Integrations
APPROVED

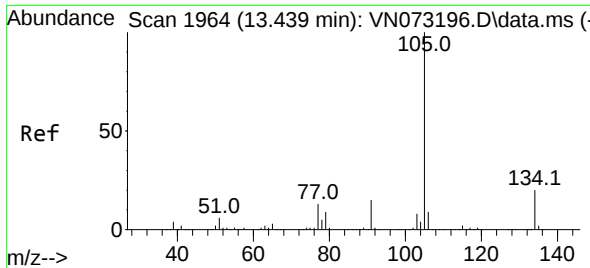
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#84
1,2,4-Trimethylbenzene
Concen: 19.892 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. 0.006 min
Lab File: VN073461.D
Acq: 14 Jul 2022 15:15

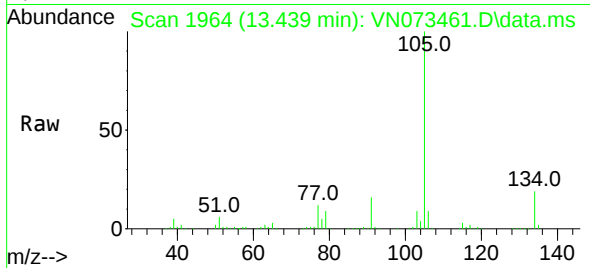
Tgt Ion:105 Resp: 213334
Ion Ratio Lower Upper
105 100
120 43.6 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 19.980 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VN073461.D
 Acq: 14 Jul 2022 15:15

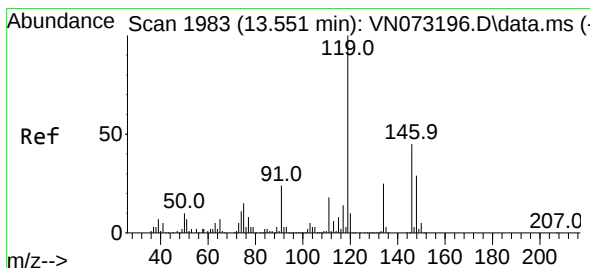
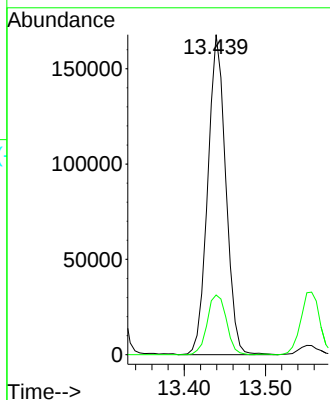
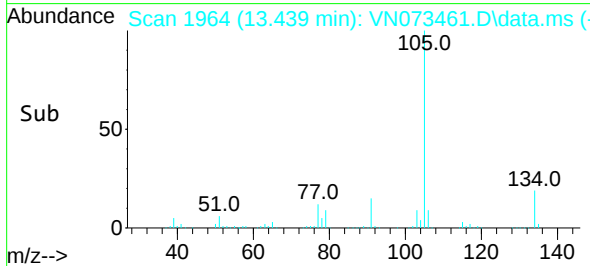
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0714WBS02



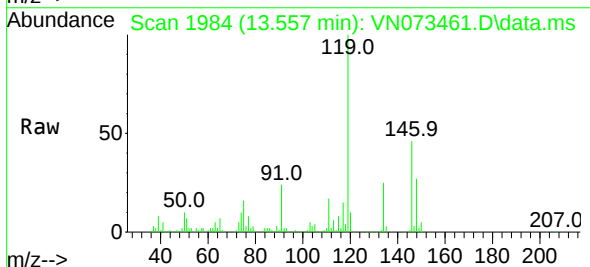
Tgt Ion:105 Resp: 25836
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.4 31.1

Manual Integrations
 APPROVED

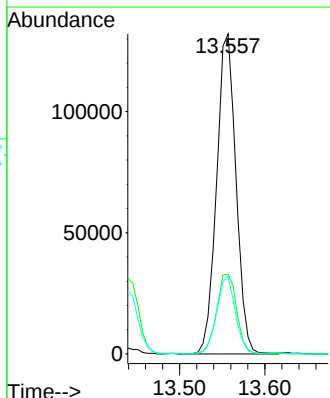
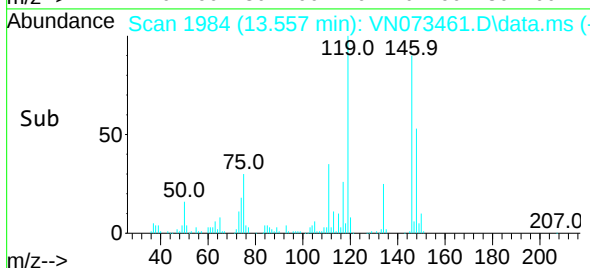
Reviewed By :John Carlone 07/15/2022
 Supervised By :Mahesh Dadoda 07/15/2022

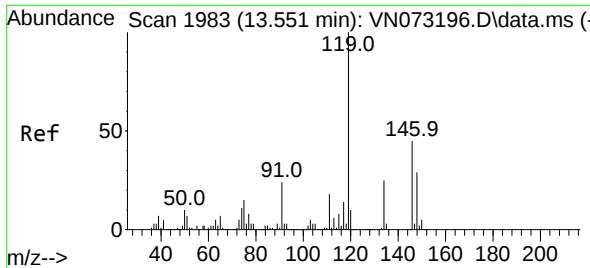


#86
 p-Isopropyltoluene
 Concen: 20.027 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. 0.006 min
 Lab File: VN073461.D
 Acq: 14 Jul 2022 15:15



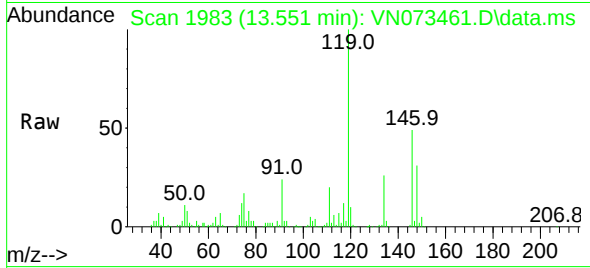
Tgt Ion:119 Resp: 209197
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.3 39.8
 91 23.6 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 19.107 ug/l
RT: 13.551 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VN073461.D
Acq: 14 Jul 2022 15:15

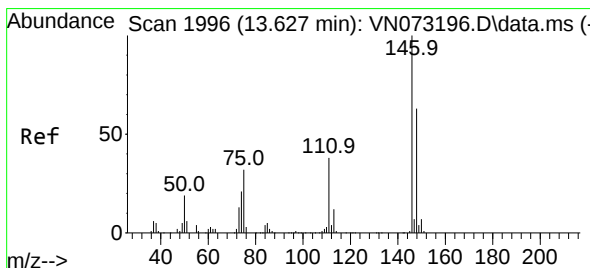
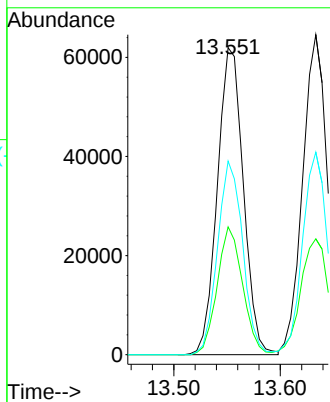
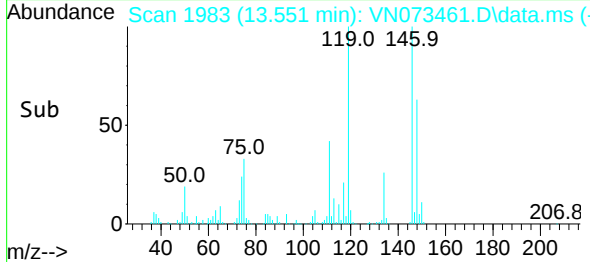
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBS02



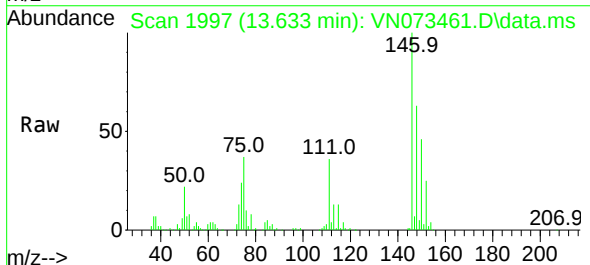
Tgt Ion:146 Resp: 105029
Ion Ratio Lower Upper
146 100
111 40.8 20.0 60.0
148 61.2 32.0 96.0

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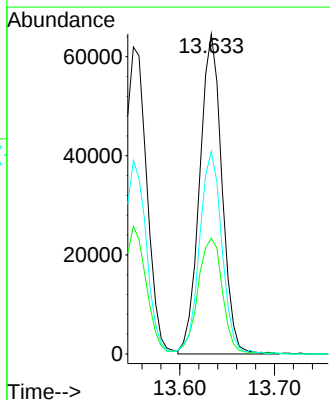
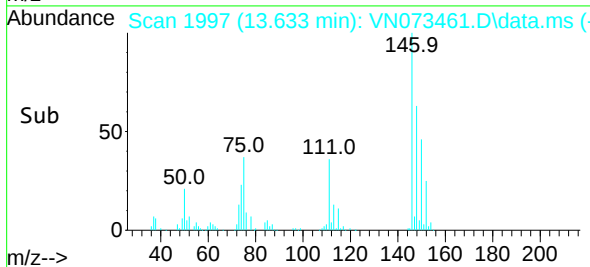
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022



#88
1,4-Dichlorobenzene
Concen: 19.124 ug/l
RT: 13.633 min Scan# 1997
Delta R.T. 0.006 min
Lab File: VN073461.D
Acq: 14 Jul 2022 15:15



Tgt Ion:146 Resp: 105324
Ion Ratio Lower Upper
146 100
111 39.0 19.1 57.1
148 63.7 31.4 94.3





#89

n-Butylbenzene

Concen: 19.239 ug/l

RT: 13.880 min Scan# 2039

Delta R.T. 0.000 min

Lab File: VN073461.D

Acq: 14 Jul 2022 15:15

Instrument :

MSVOA_N

ClientSampleId :

VN0714WBS02

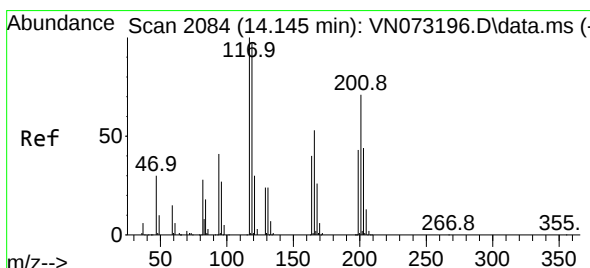
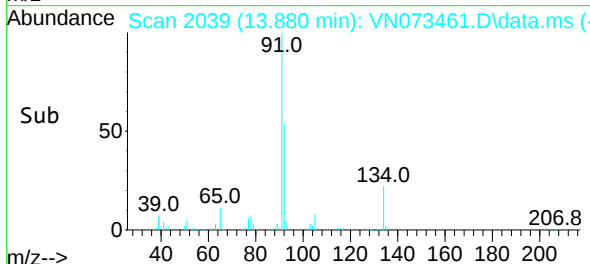
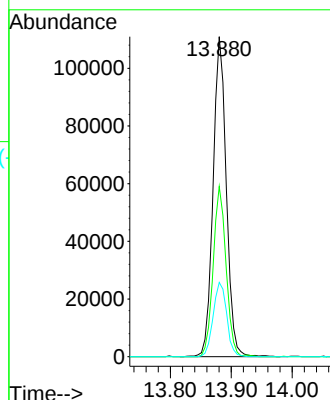
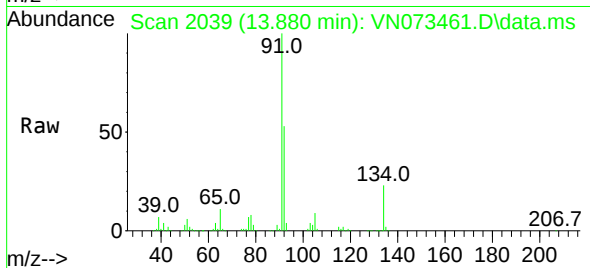
Tgt Ion:	91	Resp:	16746
Ion Ratio	Lower	Upper	
91	100		
92	51.9	26.9	80.7
134	23.8	13.6	40.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2022

Supervised By :Mahesh Dadoda 07/15/2022



#90

Hexachloroethane

Concen: 19.906 ug/l

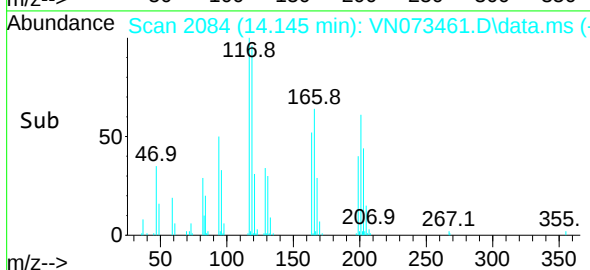
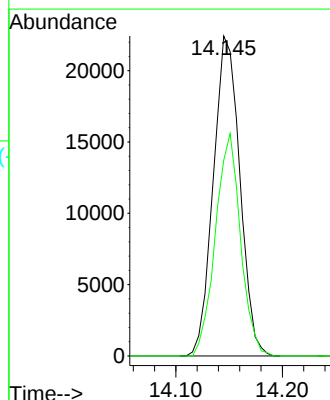
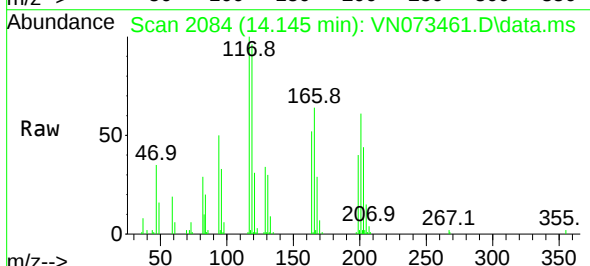
RT: 14.145 min Scan# 2084

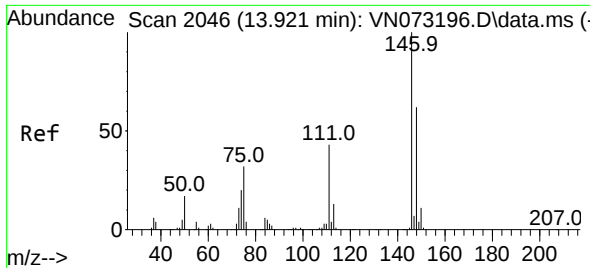
Delta R.T. -0.000 min

Lab File: VN073461.D

Acq: 14 Jul 2022 15:15

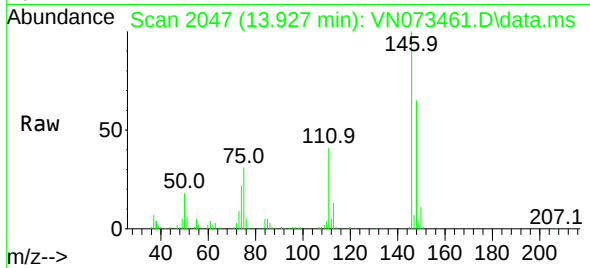
Tgt Ion:	117	Resp:	38751
Ion Ratio	Lower	Upper	
117	100		
201	65.8	40.6	122.0





#91
1,2-Dichlorobenzene
Concen: 19.594 ug/l
RT: 13.927 min Scan# 2046
Delta R.T. 0.006 min
Lab File: VN073461.D
Acq: 14 Jul 2022 15:15

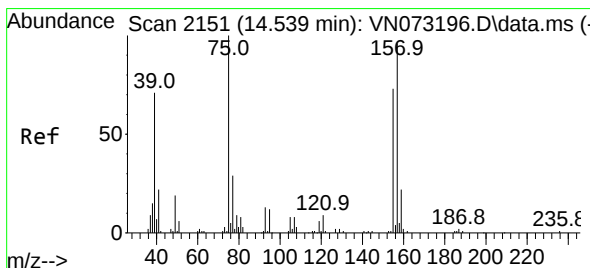
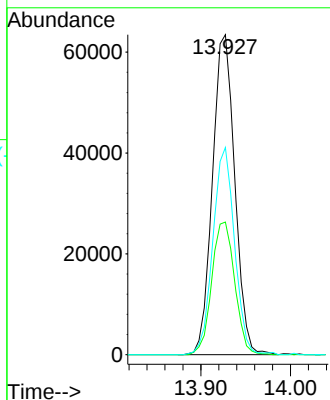
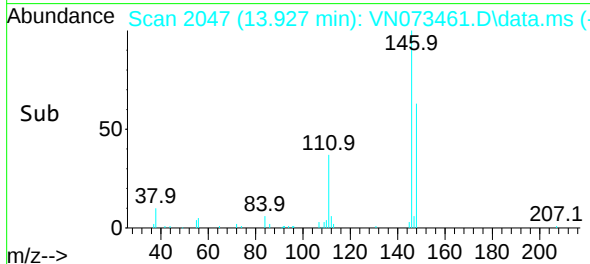
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBS02



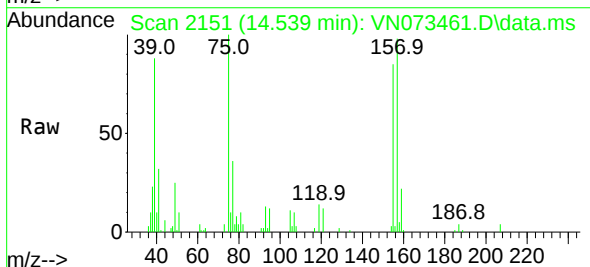
Tgt Ion:146 Resp: 109715
Ion Ratio Lower Upper
146 100
111 42.6 20.9 62.8
148 63.0 32.1 96.3

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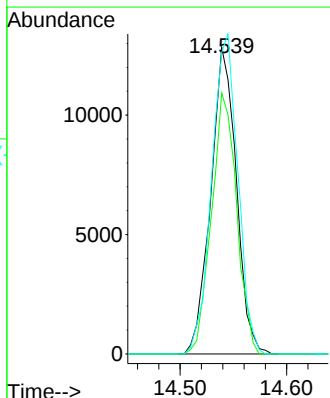
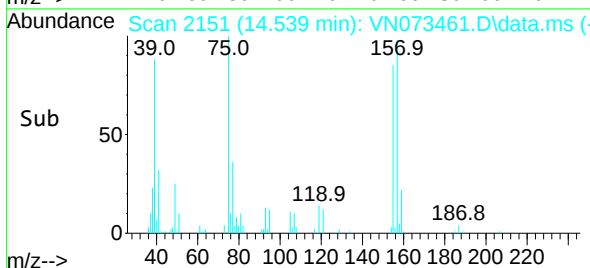
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

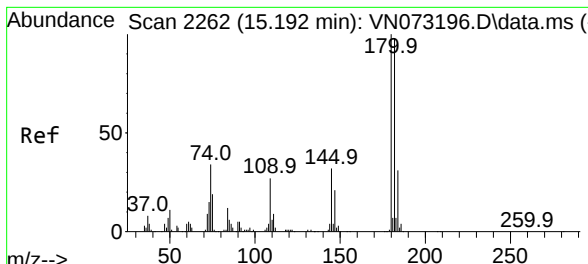


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.117 ug/l
RT: 14.539 min Scan# 2151
Delta R.T. 0.000 min
Lab File: VN073461.D
Acq: 14 Jul 2022 15:15



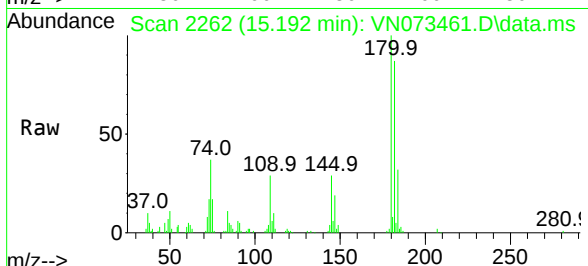
Tgt Ion: 75 Resp: 21383
Ion Ratio Lower Upper
75 100
155 83.5 44.9 134.5
157 106.4 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 19.575 ug/l
RT: 15.192 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN073461.D
Acq: 14 Jul 2022 15:15

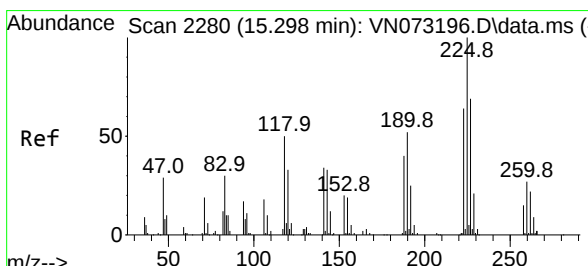
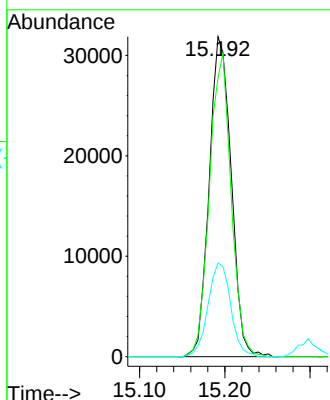
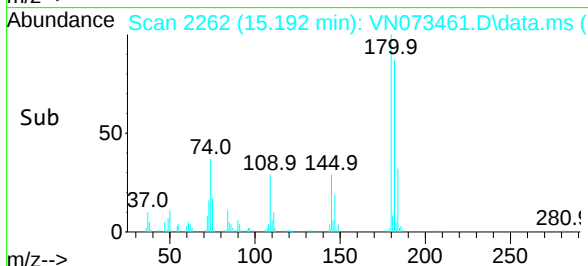
Instrument :
MSVOA_N
ClientSampleId :
VN0714WBS02



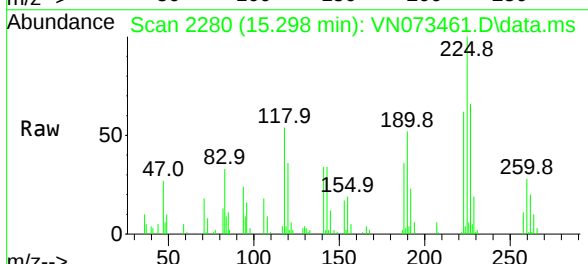
Tgt Ion:180 Resp: 57072
Ion Ratio Lower Upper
180 100
182 93.3 47.5 142.5
145 30.2 14.5 43.5

Manual Integrations
APPROVED

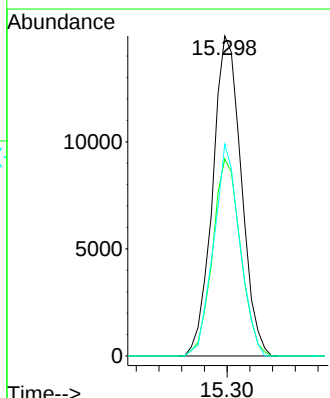
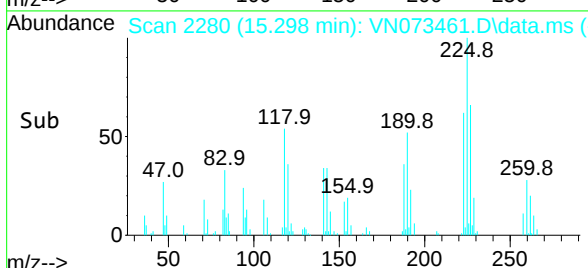
Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

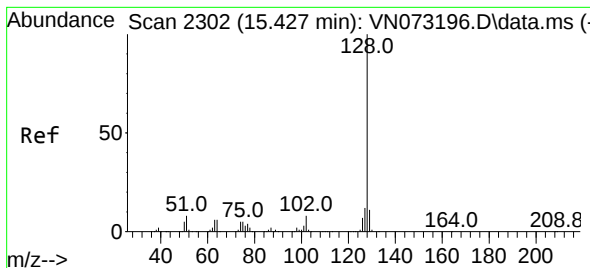


#94
Hexachlorobutadiene
Concen: 20.179 ug/l
RT: 15.298 min Scan# 2280
Delta R.T. -0.000 min
Lab File: VN073461.D
Acq: 14 Jul 2022 15:15



Tgt Ion:225 Resp: 26154
Ion Ratio Lower Upper
225 100
223 60.0 32.4 97.2
227 60.4 31.8 95.4





#95

Naphthalene

Concen: 19.078 ug/l

RT: 15.433 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN073461.D

Acq: 14 Jul 2022 15:15

Instrument :

MSVOA_N

ClientSampleId :

VN0714WBS02

Tgt Ion:128 Resp: 22439

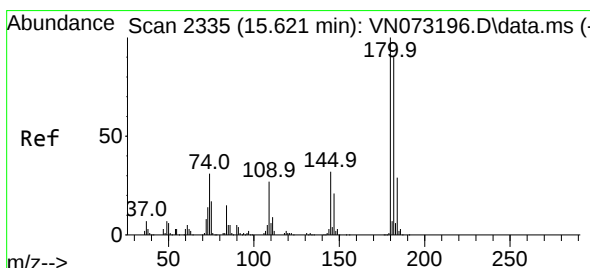
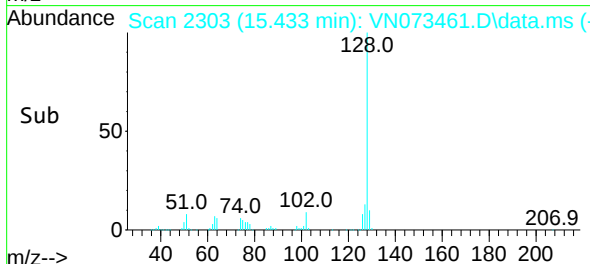
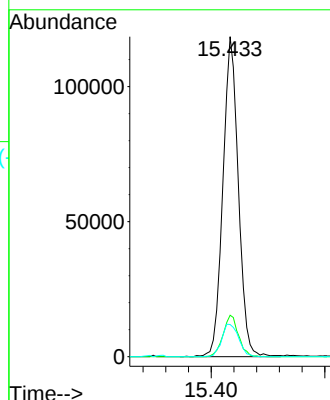
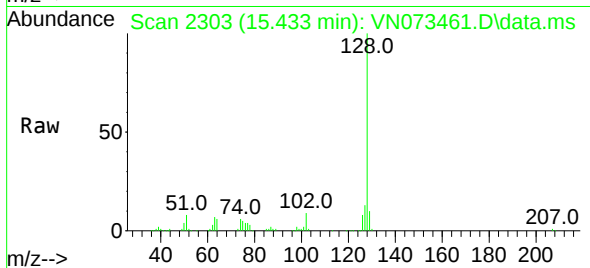
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	11.1	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/15/2022

Supervised By :Mahesh Dadoda 07/15/2022



#96

1,2,3-Trichlorobenzene

Concen: 20.553 ug/l

RT: 15.627 min Scan# 2336

Delta R.T. 0.006 min

Lab File: VN073461.D

Acq: 14 Jul 2022 15:15

Tgt Ion:180 Resp: 61816

Ion	Ratio	Lower	Upper
180	100		
182	90.8	47.8	143.3
145	34.3	15.5	46.5

