

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072922\
 Data File : VN073632.D
 Acq On : 29 Jul 2022 14:07
 Operator : JC\MD
 Sample : VN0729WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0729WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/01/2022
 Supervised By : Mahesh Dadoda 08/01/2022

Quant Time: Aug 01 03:37:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072722W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 27 18:07:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.581	128	55341	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.904	114	294701	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.686	117	272356	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.369	65	142100	29.698	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	99.000%		
60) 4-Bromofluorobenzene	12.674	95	143220	29.698	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	99.000%		
63) Toluene-d8	10.380	98	462887	30.183	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	100.600%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	71566	19.026	ug/l	98
3) Chloromethane	2.269	50	94108	18.923	ug/l	92
4) Vinyl Chloride	2.405	62	115989	19.002	ug/l	100
5) Bromomethane	2.810	94	74792	24.119	ug/l	92
6) Chloroethane	2.969	64	80376	19.435	ug/l	95
7) Trichlorofluoromethane	3.316	101	121471	20.232	ug/l	96
8) Diethyl Ether	3.769	74	47841	19.802	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.146	101	66478	18.366	ug/l #	66
10) 1,1-Dichloroethene	4.110	96	65421	18.882	ug/l	96
11) Methyl Iodide	4.351	142	71569	17.908	ug/l	92
12) Methyl Acetate	4.775	43	115042	19.537	ug/l	97
13) Acrolein	3.987	56	123637	119.442	ug/l	98
14) Acrylonitrile	5.481	53	263233	96.862	ug/l	99
15) Acetone	4.222	58	74170	98.173	ug/l	89
16) Carbon Disulfide	4.457	76	172523	18.221	ug/l #	93
17) Allyl chloride	4.769	41	101370	17.541	ug/l	86
18) Methylene Chloride	5.022	84	87644	19.964	ug/l	93
19) trans-1,2-Dichloroethene	5.516	96	71553	18.627	ug/l	90
20) Diisopropyl ether	6.416	45	239299	19.035	ug/l	92
21) 1,1-Dichloroethane	6.304	63	140975	19.003	ug/l	99
22) cis-1,2-Dichloroethene	7.245	96	89872	19.448	ug/l	93
23) tert-Butyl Alcohol	5.293	59	97539	101.560	ug/l #	100
24) Methyl tert-Butyl Ether	5.534	73	246458	20.185	ug/l	93
25) Chloroform	7.745	83	148654	19.413	ug/l	99
26) Cyclohexane	8.022	56	113426	17.726	ug/l #	95
29) 1,1-Dichloropropene	8.151	75	101699	18.469	ug/l	98
30) 2-Butanone	7.257	43	375703	98.699	ug/l	99
31) 2,2-Dichloropropane	7.251	77	103301	17.979	ug/l	98
32) 1,1,1-Trichloroethane	7.939	97	125206	19.645	ug/l	99
33) Carbon Tetrachloride	8.134	117	103397	18.919	ug/l	95
34) Benzene	8.392	78	331413	18.599	ug/l	98
35) Methacrylonitrile	7.563	41	64380	20.835	ug/l	94
36) 1,2-Dichloroethane	8.463	62	113788	19.366	ug/l #	94
37) Trichloroethene	9.151	130	84770	19.338	ug/l	97
38) Methylcyclohexane	9.398	83	119832	17.531	ug/l	97
39) 1,2-Dichloropropane	9.428	63	85357	18.988	ug/l	96
40) Dibromomethane	9.516	93	59521	19.513	ug/l	88
41) Bromodichloromethane	9.698	83	112920	18.911	ug/l	97
42) Vinyl Acetate	6.351	43	1033211	94.196	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.340	43	142810	19.762	ug/l	97
44) Isopropyl Acetate	8.492	43	197721	19.675	ug/l	95
45) 1,4-Dioxane	9.504	88	51969	433.710	ug/l	95
46) Methyl methacrylate	9.498	41	82337	18.322	ug/l	84
47) n-amyl Acetate	12.333	43	143478	17.909	ug/l	94
48) t-1,3-Dichloropropene	10.657	75	111972	18.215	ug/l	97
49) cis-1,3-Dichloropropene	10.128	75	127269	18.646	ug/l #	89
50) 1,1,2-Trichloroethane	10.839	97	90813	19.844	ug/l	98
51) Ethyl methacrylate	10.704	69	132574	19.269	ug/l	86
52) 1,3-Dichloropropane	10.986	76	149724	19.411	ug/l	98
53) Dibromochloromethane	11.180	129	88251	19.029	ug/l	98
54) 1,2-Dibromoethane	11.286	107	92709	19.879	ug/l	98
55) 2-Chloroethyl vinyl ether	9.981	63	307369	99.608	ug/l	98
56) Bromoform	12.398	173	69055	18.948	ug/l #	97
58) 4-Methyl-2-Pentanone	10.269	43	704848	100.087	ug/l	94
59) 2-Hexanone	11.028	43	544274	100.340	ug/l	93
61) Tetrachloroethene	10.916	164	83674	20.057	ug/l	92
62) Toluene	10.445	91	374924	19.795	ug/l	99
64) Chlorobenzene	11.710	112	225999	19.971	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.780	131	82277	19.587	ug/l	97
66) Ethyl Benzene	11.786	91	387483	19.137	ug/l	98
67) m/p-Xylenes	11.898	106	302994	39.151	ug/l	97
68) o-Xylene	12.222	106	150263	19.548	ug/l	97
69) Styrene	12.233	104	241522	19.063	ug/l	96
70) Isopropylbenzene	12.522	105	384576	19.569	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.769	83	139422	20.176	ug/l	97
72) 1,2,3-Trichloropropane	12.822	75	105744m	18.323	ug/l	
73) Bromobenzene	12.798	156	95220	19.505	ug/l	95
74) n-propylbenzene	12.863	91	430132	18.807	ug/l	100
75) 2-Chlorotoluene	12.945	91	267238	19.492	ug/l	98
76) 1,3,5-Trimethylbenzene	13.004	105	316748	19.242	ug/l	95
77) t-1,4-Dichloro-2-butene	12.569	75	38689	18.395	ug/l	94
78) 4-Chlorotoluene	13.045	91	247239	18.772	ug/l	100
79) tert-butylbenzene	13.263	119	288645	20.282	ug/l	93
80) 1,2,4-Trimethylbenzene	13.310	105	315944m	19.377	ug/l	
81) sec-Butylbenzene	13.439	105	378470	18.521	ug/l	98
82) p-Isopropyltoluene	13.557	119	313637	18.695	ug/l	96
83) 1,3-Dichlorobenzene	13.557	146	170826	19.116	ug/l	97
84) 1,4-Dichlorobenzene	13.633	146	163895	19.013	ug/l	98
85) n-Butylbenzene	13.880	91	233231	17.150	ug/l	97
86) Hexachloroethane	14.151	117	56737	18.441	ug/l	78
87) 1,2-Dichlorobenzene	13.927	146	175397	19.414	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.539	75	30121	19.956	ug/l #	81
89) 1,2,4-Trichlorobenzene	15.198	180	90336	18.167	ug/l	97
90) Hexachlorobutadiene	15.304	225	47532	18.873	ug/l	98
91) Naphthalene	15.433	128	326805	20.016	ug/l	98
92) 1,2,3-Trichlorobenzene	15.627	180	97943	19.174	ug/l	98

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

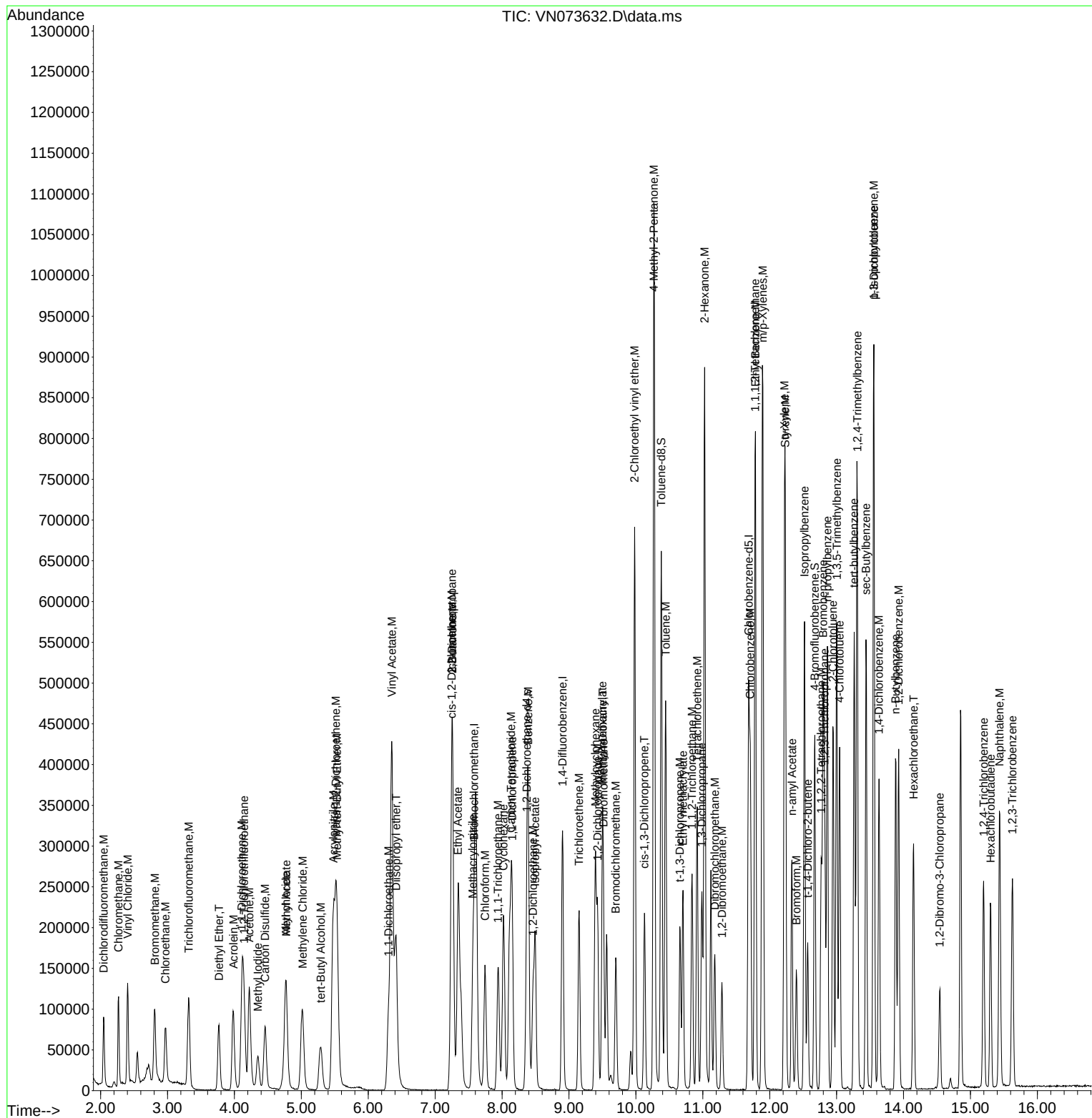
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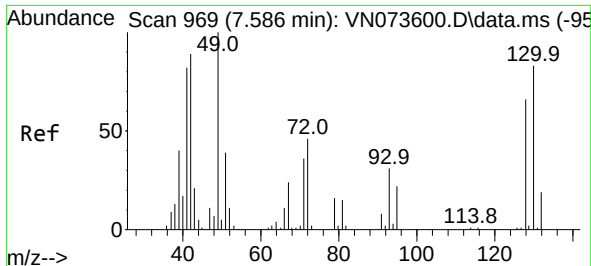
Instrument :
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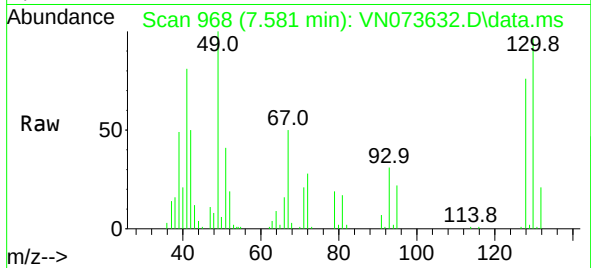
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.581 min Scan# 968
Delta R.T. -0.005 min
Lab File: VN073632.D
Acq: 29 Jul 2022 14:07

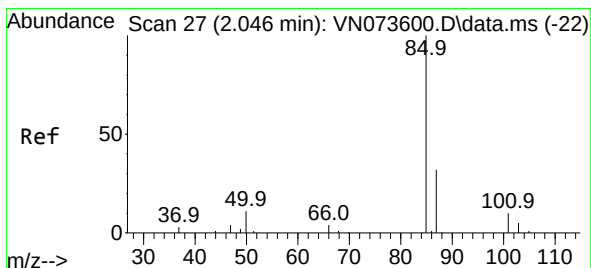
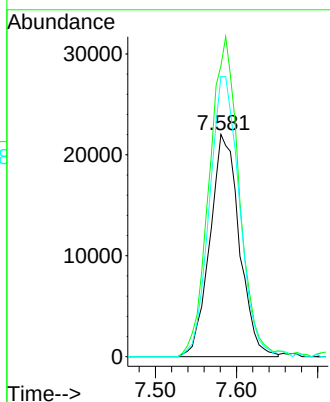
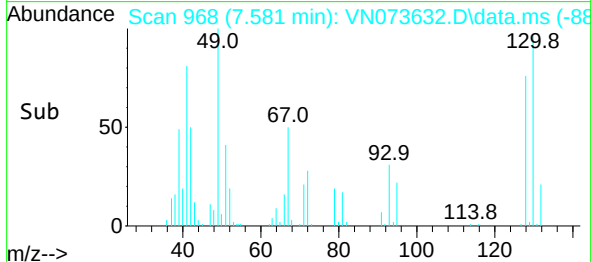
Instrument :
MSVOA_N
ClientSampleId :
VN0729WBSD01



Tgt Ion:128 Resp: 5534
Ion Ratio Lower Upper
128 100
49 145.8 0.0 392.3
130 128.7 0.0 320.2

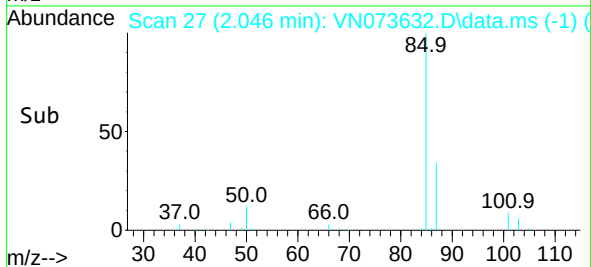
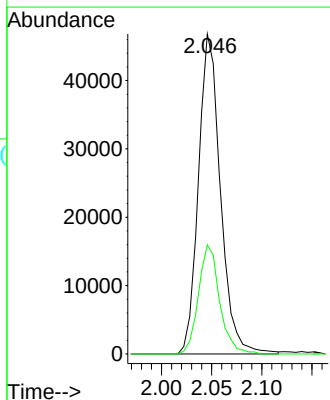
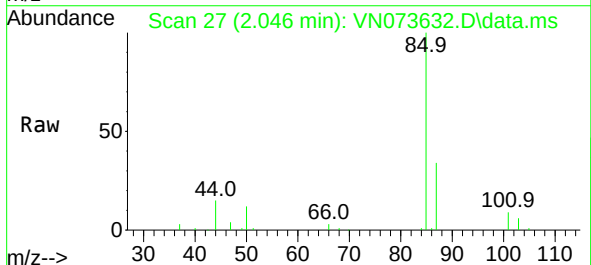
Manual Integrations
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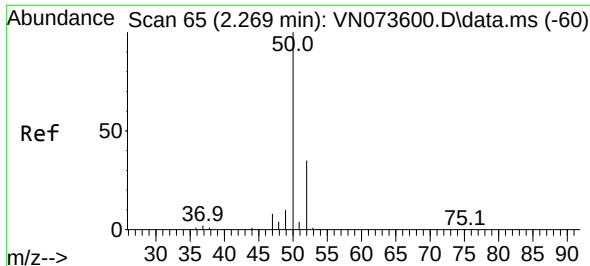
Reviewed By :John Carlone 08/01/2022
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#2
Dichlorodifluoromethane
Concen: 19.026 ug/l
RT: 2.046 min Scan# 27
Delta R.T. 0.000 min
Lab File: VN073632.D
Acq: 29 Jul 2022 14:07

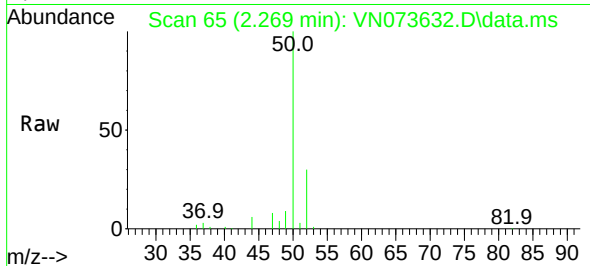
Tgt Ion: 85 Resp: 71566
Ion Ratio Lower Upper
85 100
87 34.1 16.6 49.7





#3
Chloromethane
Concen: 18.923 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN073632.D
Acq: 29 Jul 2022 14:07

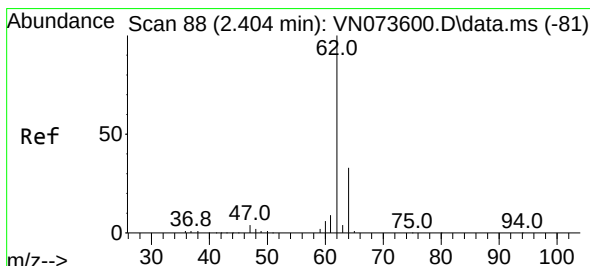
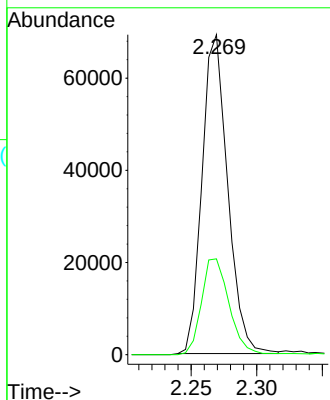
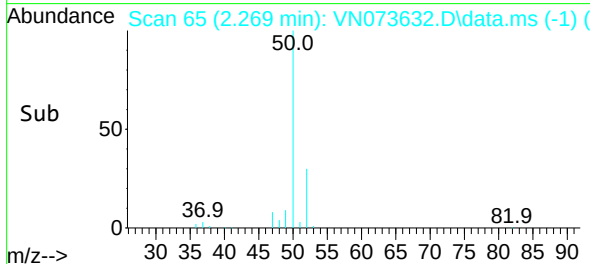
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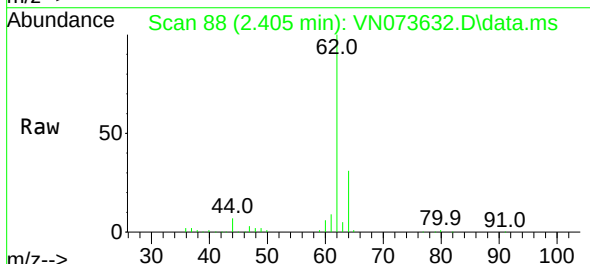
Tgt Ion: 50 Resp: 94108
Ion Ratio Lower Upper
50 100
52 30.1 27.8 41.6

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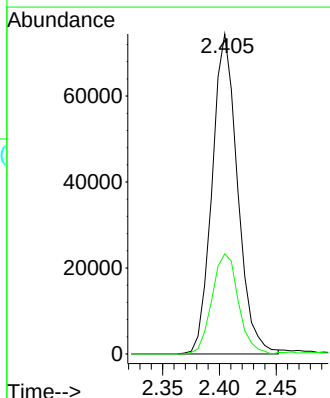
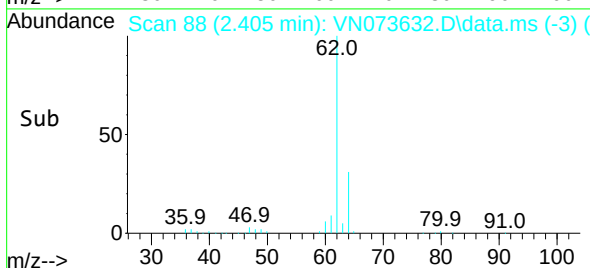
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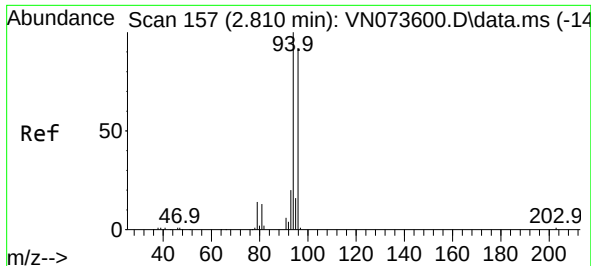


#4
Vinyl Chloride
Concen: 19.002 ug/l
RT: 2.405 min Scan# 88
Delta R.T. 0.000 min
Lab File: VN073632.D
Acq: 29 Jul 2022 14:07



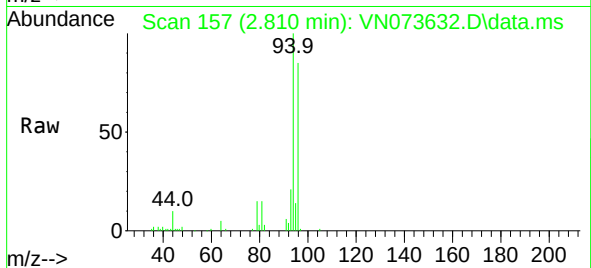
Tgt Ion: 62 Resp: 115989
Ion Ratio Lower Upper
62 100
64 31.3 25.1 37.7





#5
Bromomethane
Concen: 24.119 ug/l
RT: 2.810 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073632.D
Acq: 29 Jul 2022 14:07

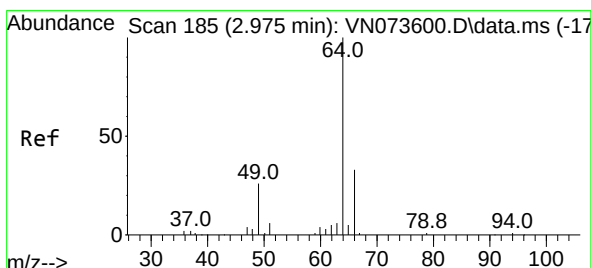
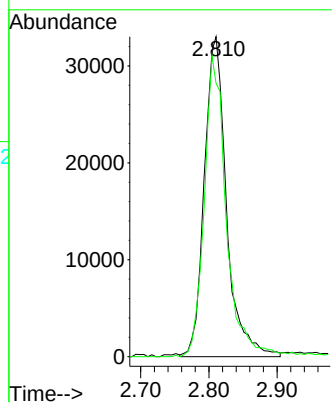
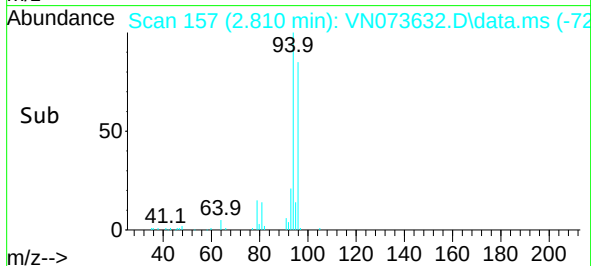
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Tgt Ion: 94 Resp: 74792
Ion Ratio Lower Upper
94 100
96 85.9 75.2 112.8

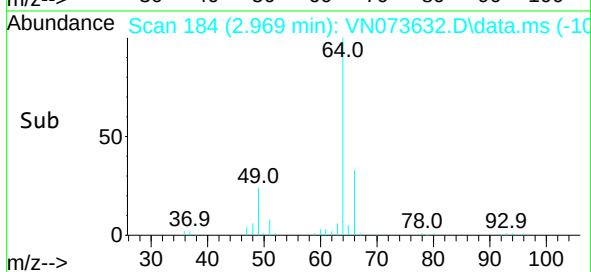
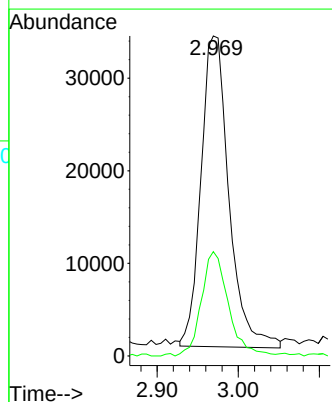
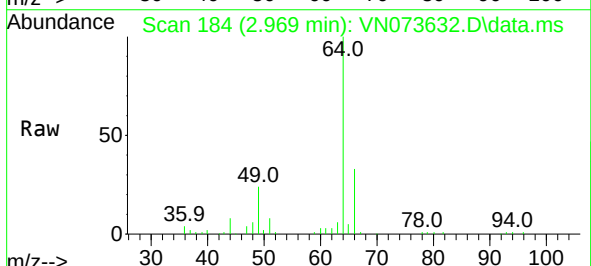
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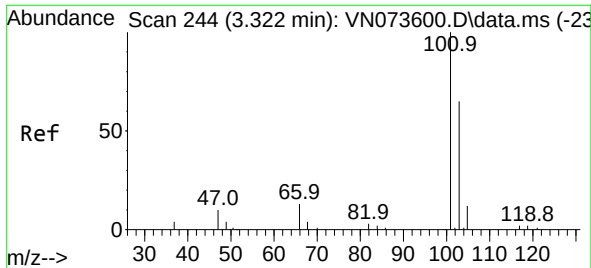
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#6
Chloroethane
Concen: 19.435 ug/l
RT: 2.969 min Scan# 184
Delta R.T. -0.006 min
Lab File: VN073632.D
Acq: 29 Jul 2022 14:07

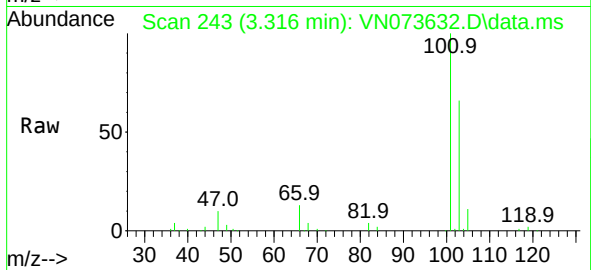
Tgt Ion: 64 Resp: 80376
Ion Ratio Lower Upper
64 100
66 33.4 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 20.232 ug/l
 RT: 3.316 min Scan# 24
 Delta R.T. -0.006 min
 Lab File: VN073632.D
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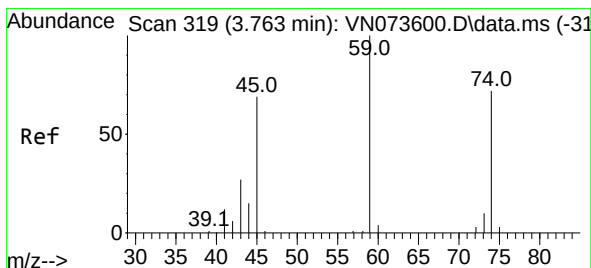
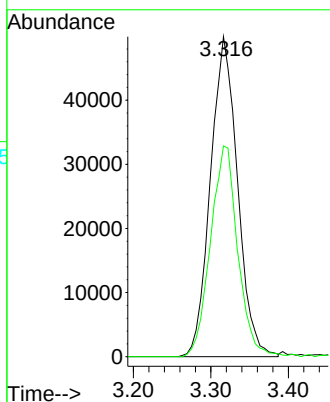
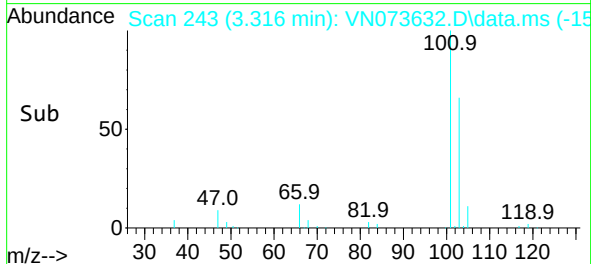
Instrument :
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Tgt Ion:101 Resp: 12147
 Ion Ratio Lower Upper
 101 100
 103 65.9 50.1 75.1

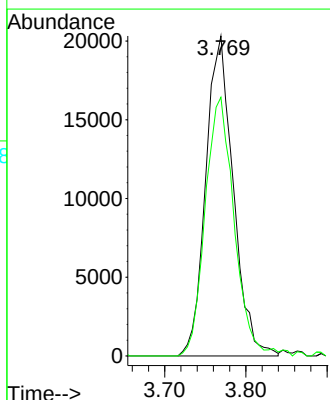
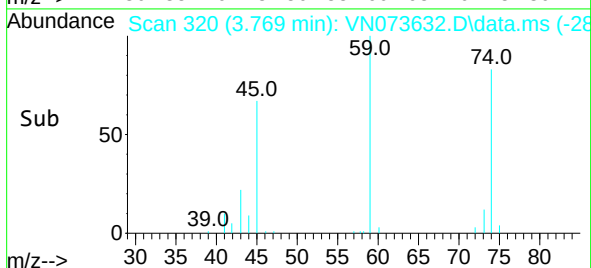
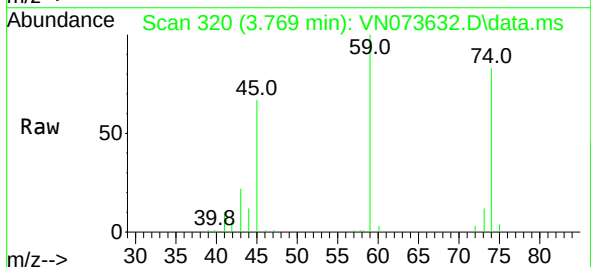
Manual Integrations
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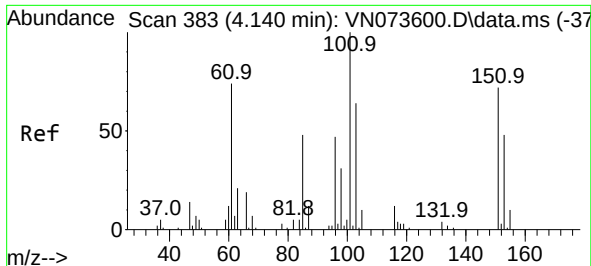
Reviewed By :John Carlone 08/01/2022
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#8
 Diethyl Ether
 Concen: 19.802 ug/l
 RT: 3.769 min Scan# 320
 Delta R.T. 0.006 min
 Lab File: VN073632.D
 Acq: 29 Jul 2022 14:07

Tgt Ion: 74 Resp: 47841
 Ion Ratio Lower Upper
 74 100
 45 84.0 17.6 158.8





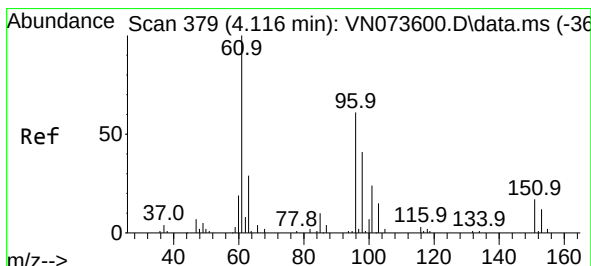
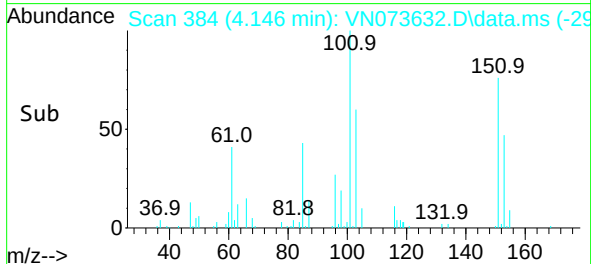
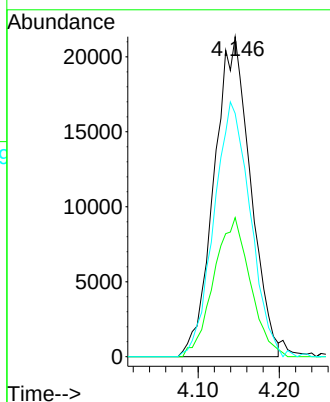
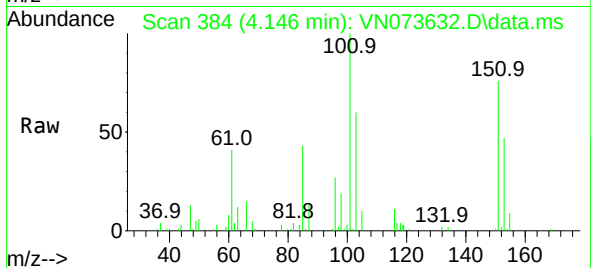
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1,1,2-Trichlorotrifluoroethane
Concen: 18.366 ug/l
RT: 4.146 min Scan# 383
Delta R.T. 0.006 min
Lab File: VN073632.D
Acq: 29 Jul 2022 14:07

Instrument :
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VN0729WBSD01

Tgt Ion:101 Resp: 66478
Ion Ratio Lower Upper
101 100
85 43.5 0.0 94.0
151 79.4 0.0 74.6

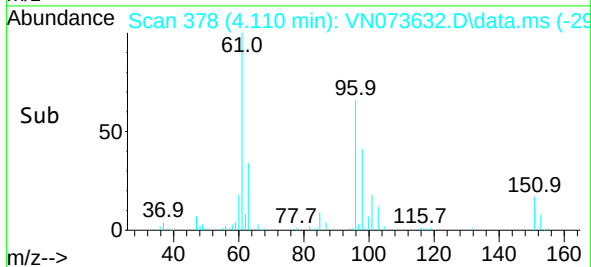
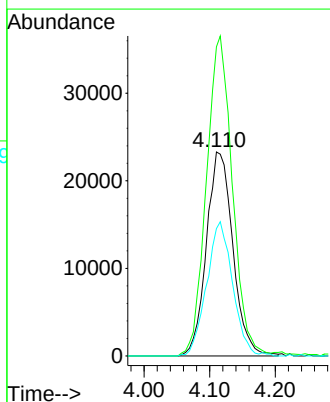
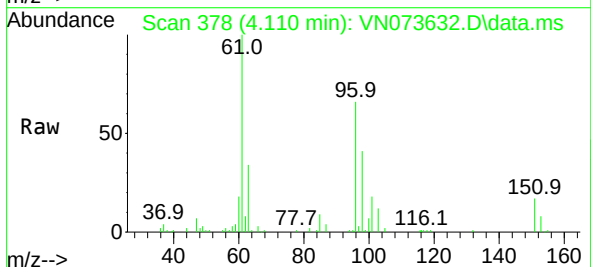
Manual Integrations
APPROVED

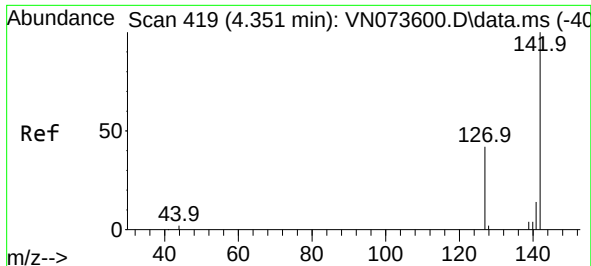
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#10
1,1-Dichloroethene
Concen: 18.882 ug/l
RT: 4.110 min Scan# 378
Delta R.T. -0.006 min
Lab File: VN073632.D
Acq: 29 Jul 2022 14:07

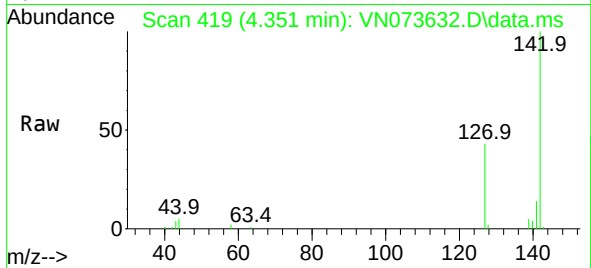
Tgt Ion: 96 Resp: 65421
Ion Ratio Lower Upper
96 100
61 151.5 126.2 189.4
98 62.4 50.9 76.3





#11
Methyl Iodide
Concen: 17.908 ug/l
RT: 4.351 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN073632.D
Acq: 29 Jul 2022 14:07

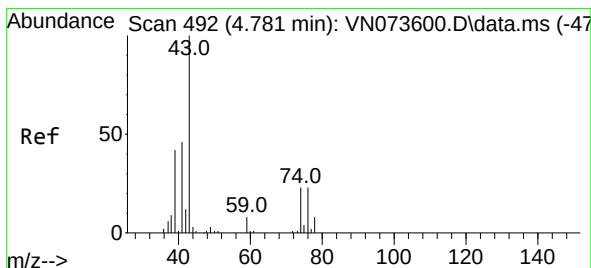
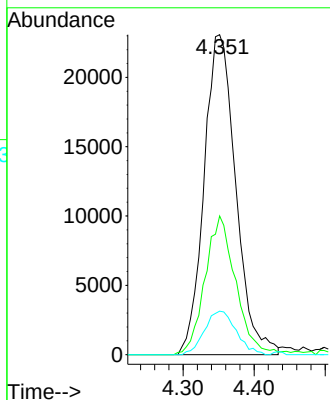
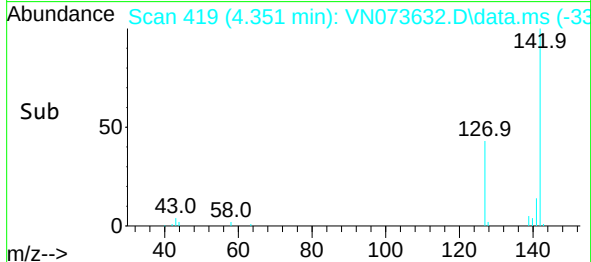
Instrument :
MSVOA_N
ClientSampleId :
VN0729WBSD01



Tgt Ion:142 Resp: 71569
Ion Ratio Lower Upper
142 100
127 43.1 24.0 72.0
141 13.3 8.4 25.2

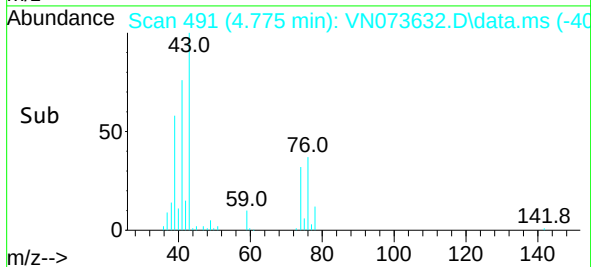
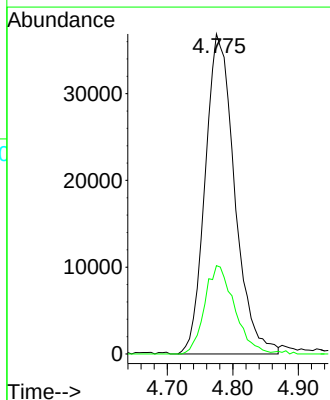
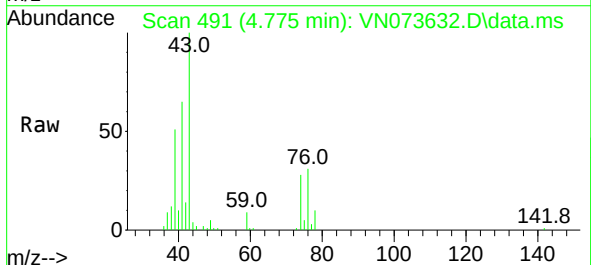
Manual Integrations
APPROVED

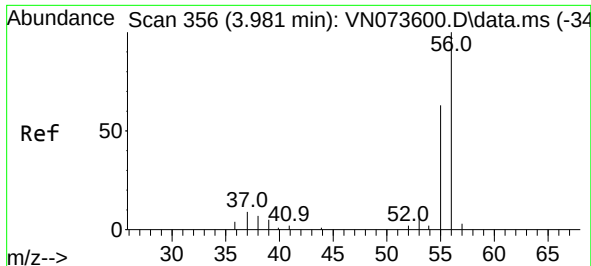
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#12
Methyl Acetate
Concen: 19.537 ug/l
RT: 4.775 min Scan# 491
Delta R.T. -0.006 min
Lab File: VN073632.D
Acq: 29 Jul 2022 14:07

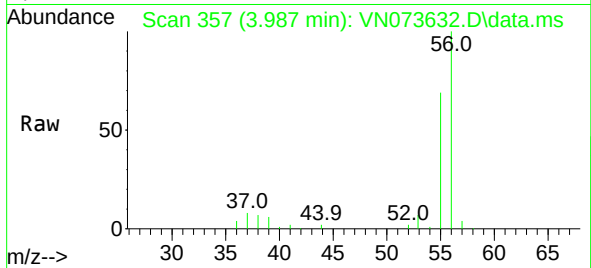
Tgt Ion: 43 Resp: 115042
Ion Ratio Lower Upper
43 100
74 27.5 20.8 31.2





#13
Acrolein
Concen: 119.442 ug/l
RT: 3.987 min Scan# 356
Delta R.T. 0.006 min
Lab File: VN073632.D
Acq: 29 Jul 2022 14:07

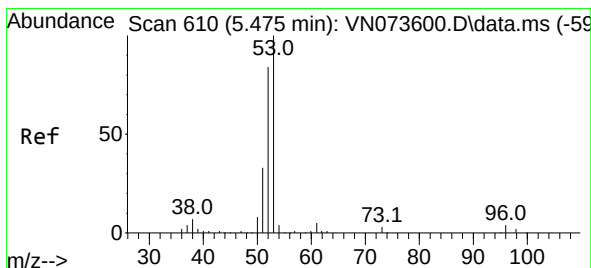
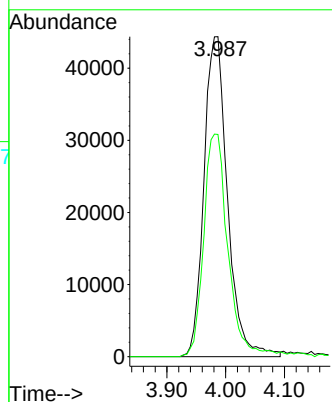
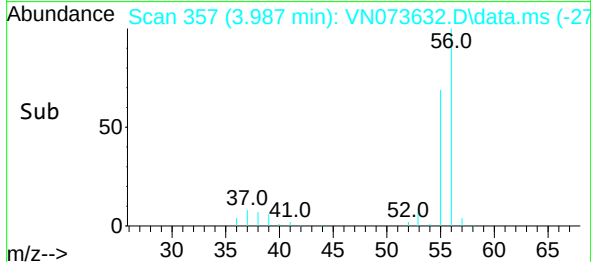
Instrument :
MSVOA_N
ClientSampleId :
VN0729WBSD01



Tgt Ion: 56 Resp: 12363
Ion Ratio Lower Upper
56 100
55 70.2 57.6 86.4

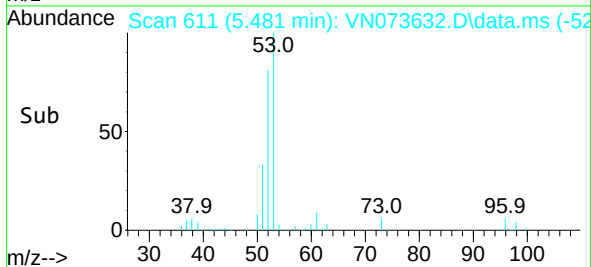
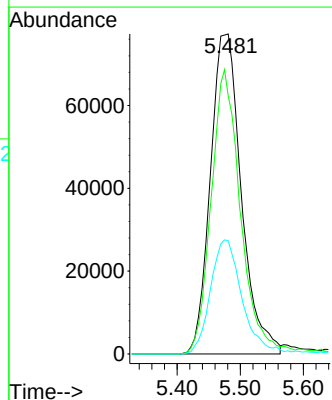
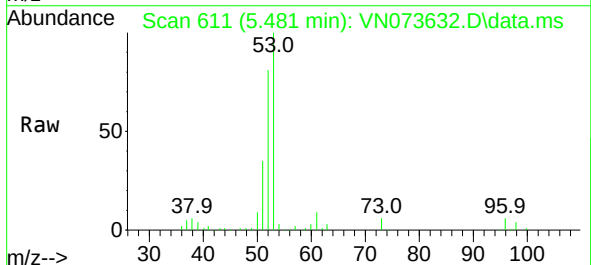
Manual Integrations
APPROVED

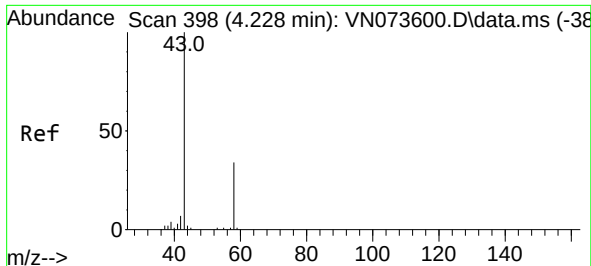
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#14
Acrylonitrile
Concen: 96.862 ug/l
RT: 5.481 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN073632.D
Acq: 29 Jul 2022 14:07

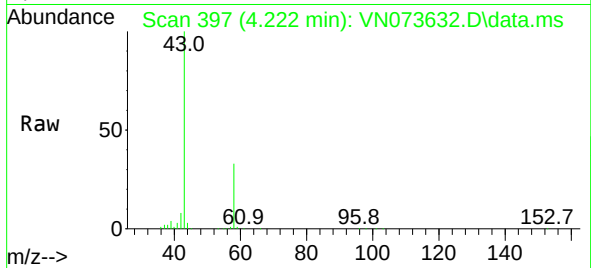
Tgt Ion: 53 Resp: 263233
Ion Ratio Lower Upper
53 100
52 83.2 41.8 125.4
51 35.8 19.0 57.0





#15
Acetone
Concen: 98.173 ug/l
RT: 4.222 min Scan# 398
Delta R.T. -0.006 min
Lab File: VN073632.D
Acq: 29 Jul 2022 14:07

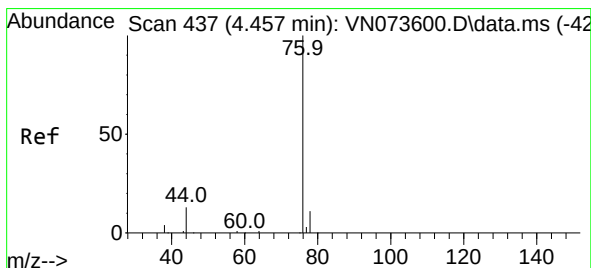
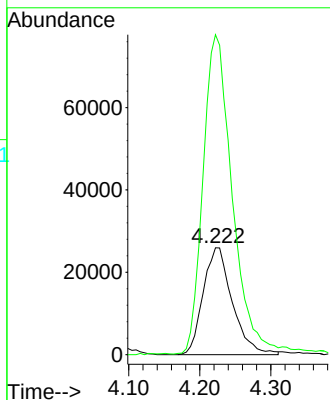
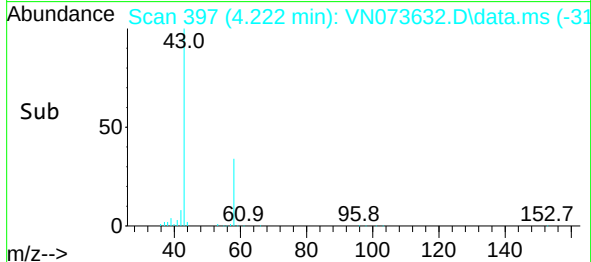
Instrument :
MSVOA_N
ClientSampleId :
VN0729WBSD01



Tgt Ion: 58 Resp: 74170
Ion Ratio Lower Upper
58 100
43 298.3 256.6 384.8

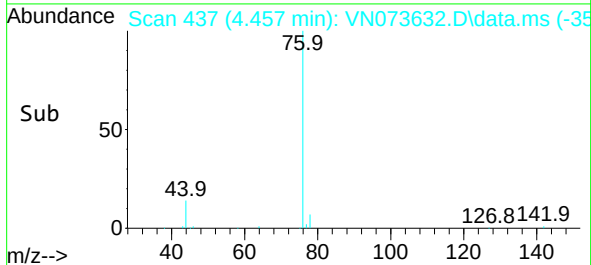
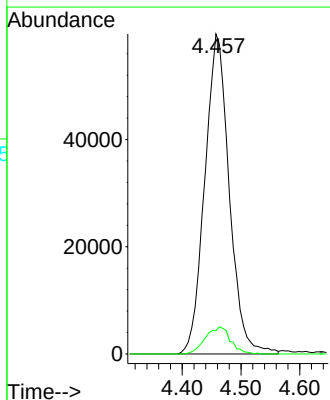
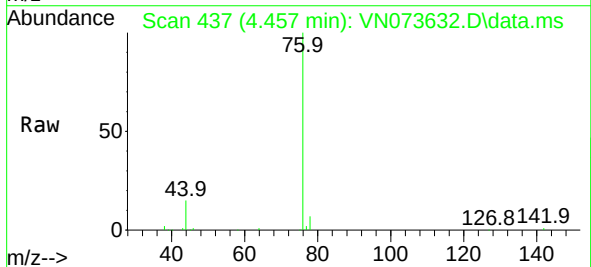
Manual Integrations
APPROVED

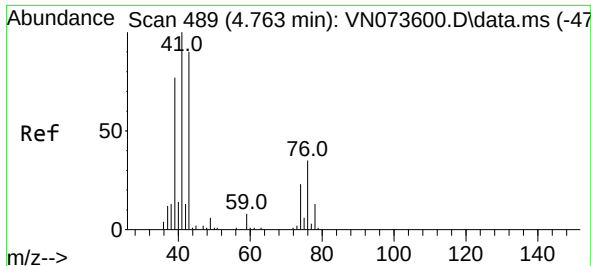
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#16
Carbon Disulfide
Concen: 18.221 ug/l
RT: 4.457 min Scan# 437
Delta R.T. 0.000 min
Lab File: VN073632.D
Acq: 29 Jul 2022 14:07

Tgt Ion: 76 Resp: 172523
Ion Ratio Lower Upper
76 100
78 7.3 7.8 11.8#





#17

Allyl chloride

Concen: 17.541 ug/l

RT: 4.769 min Scan# 490

Delta R.T. 0.006 min

Lab File: VN073632.D

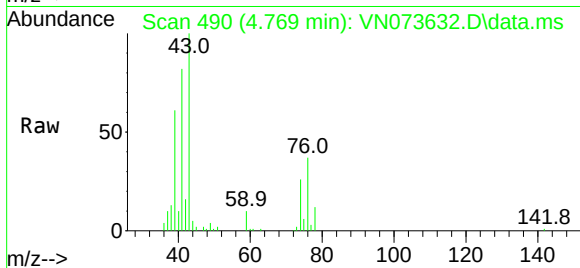
Acq: 29 Jul 2022 14:07

Instrument :

MSVOA_N

ClientSampleId :

VN0729WBSD01



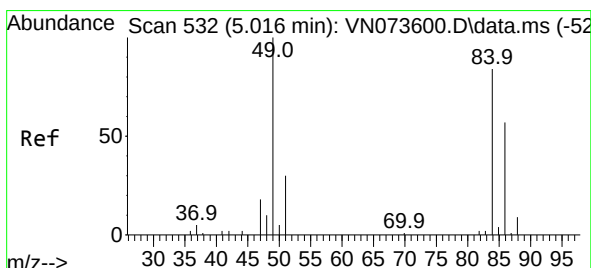
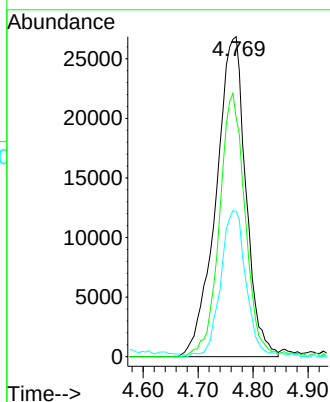
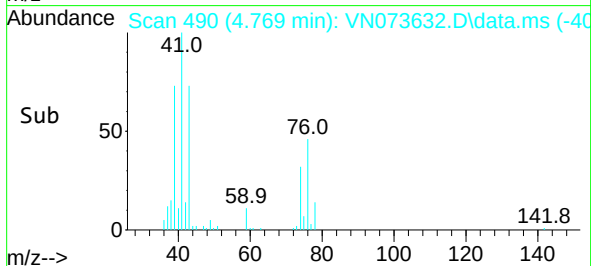
Tgt Ion:	41	Resp:	101370
Ion Ratio	100	Lower	Upper
41	100		
39	73.9	44.6	134.0
76	44.4	19.6	58.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2022

Supervised By :Mahesh Dadoda 08/01/2022



#18

Methylene Chloride

Concen: 19.964 ug/l

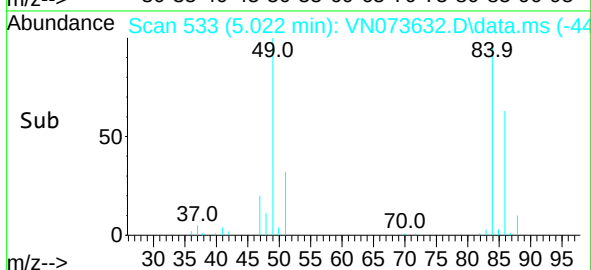
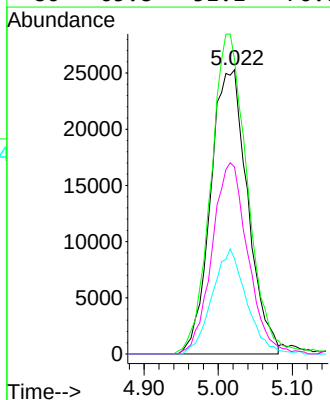
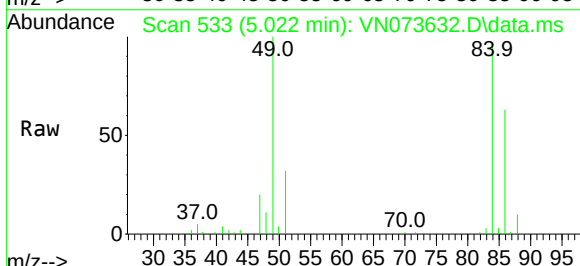
RT: 5.022 min Scan# 533

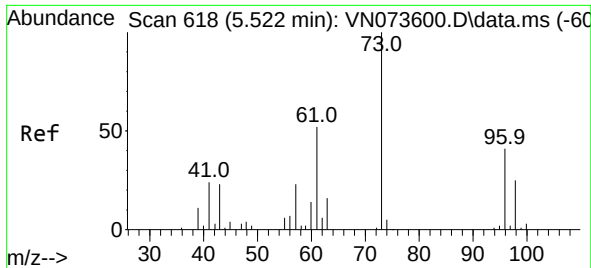
Delta R.T. 0.006 min

Lab File: VN073632.D

Acq: 29 Jul 2022 14:07

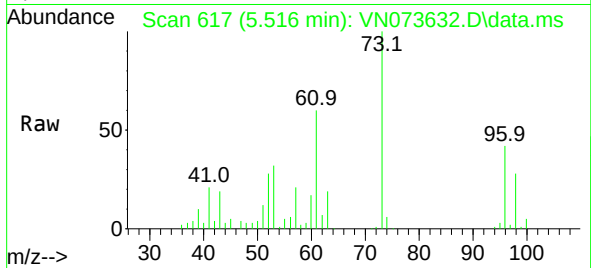
Tgt Ion:	84	Resp:	87644
Ion Ratio	100	Lower	Upper
84	100		
49	102.7	91.4	137.0
51	33.6	29.4	44.0
86	65.8	51.1	76.7





#19
trans-1,2-Dichloroethene
Concen: 18.627 ug/l
RT: 5.516 min Scan# 618
Delta R.T. -0.006 min
Lab File: VN073632.D
Acq: 29 Jul 2022 14:07

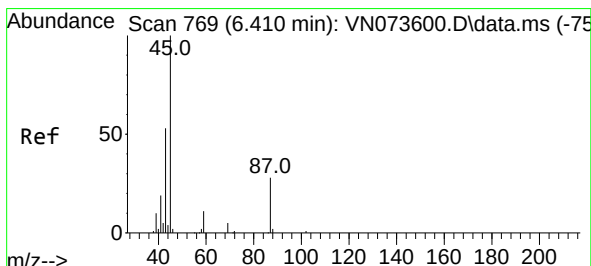
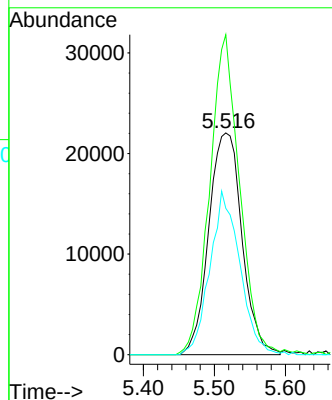
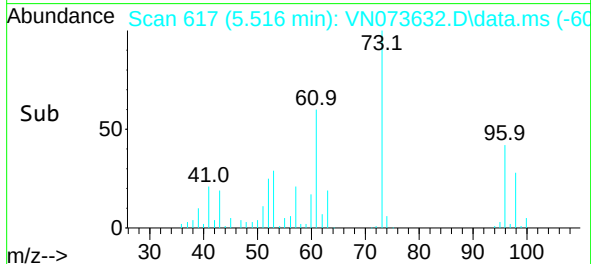
Instrument :
MSVOA_N
ClientSampleId :
VN0729WBSD01



Tgt Ion: 96 Resp: 7155
Ion Ratio Lower Upper
96 100
61 143.2 102.8 154.2
98 66.0 49.3 73.9

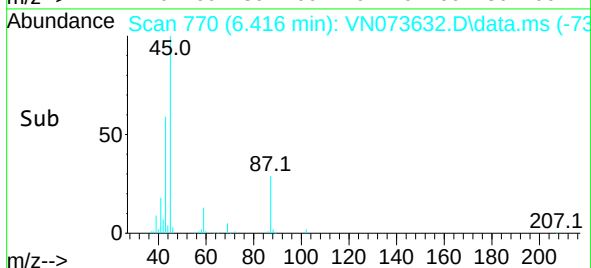
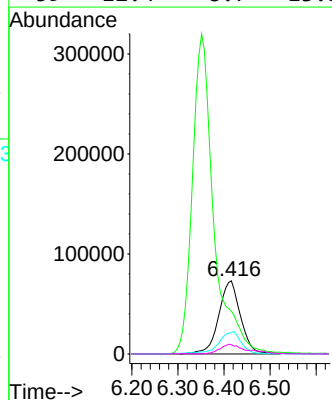
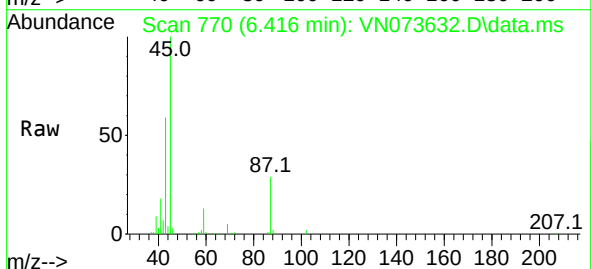
Manual Integrations
APPROVED

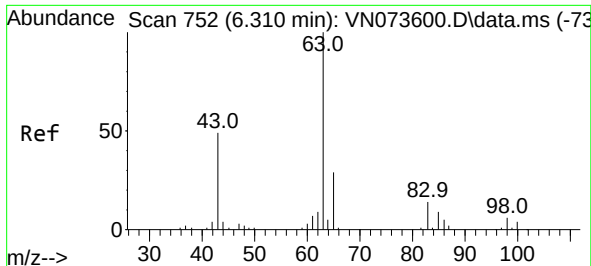
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#20
Diisopropyl ether
Concen: 19.035 ug/l
RT: 6.416 min Scan# 770
Delta R.T. 0.006 min
Lab File: VN073632.D
Acq: 29 Jul 2022 14:07

Tgt Ion: 45 Resp: 239299
Ion Ratio Lower Upper
45 100
43 56.1 51.0 76.4
87 28.7 25.0 37.4
59 12.4 8.7 13.1





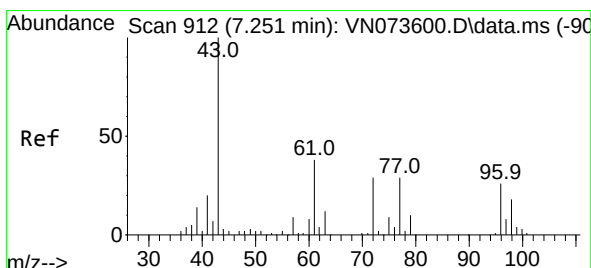
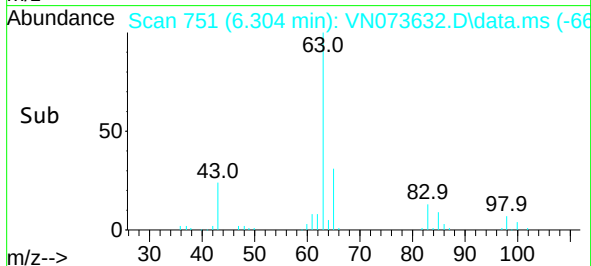
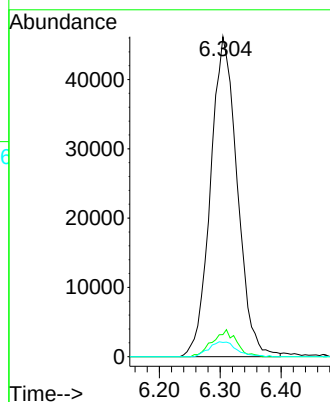
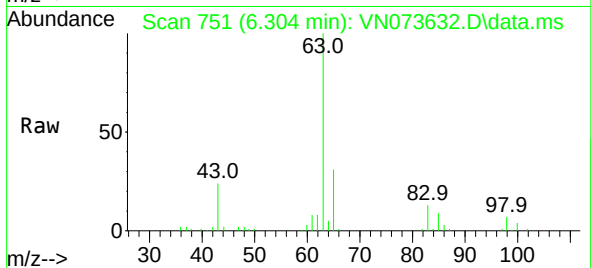
#21
1,1-Dichloroethane
Concen: 19.003 ug/l
RT: 6.304 min Scan# 751
Delta R.T. -0.006 min
Lab File: VN073632.D
Acq: 29 Jul 2022 14:07

Instrument :
MSVOA_N
ClientSampleId :
VN0729WBSD01

Tgt Ion: 63 Resp: 140975
Ion Ratio Lower Upper
63 100
98 6.9 3.2 9.6
100 4.5 2.1 6.2

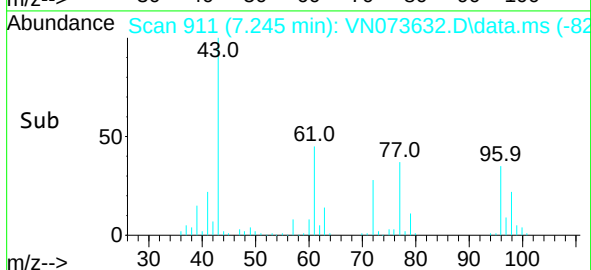
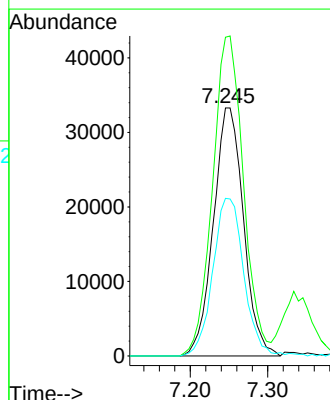
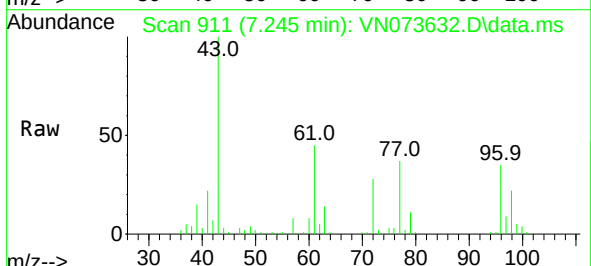
Manual Integrations
APPROVED

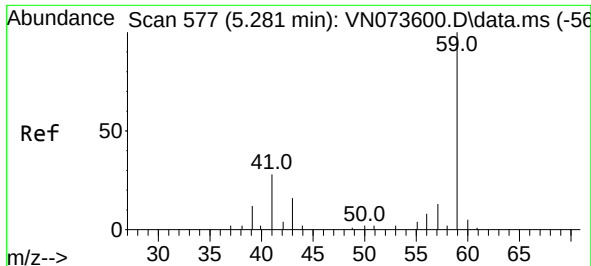
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#22
cis-1,2-Dichloroethene
Concen: 19.448 ug/l
RT: 7.245 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN073632.D
Acq: 29 Jul 2022 14:07

Tgt Ion: 96 Resp: 89872
Ion Ratio Lower Upper
96 100
61 132.3 115.7 173.5
98 64.9 51.6 77.4





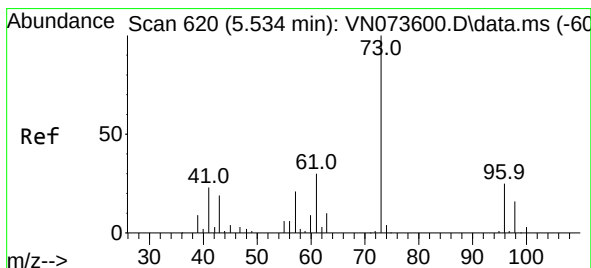
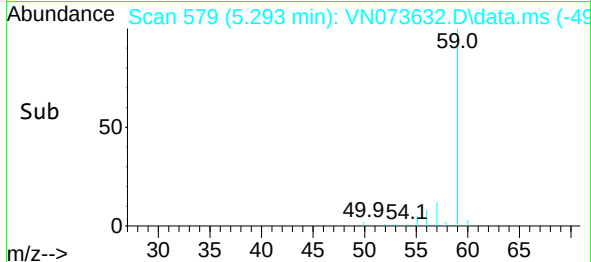
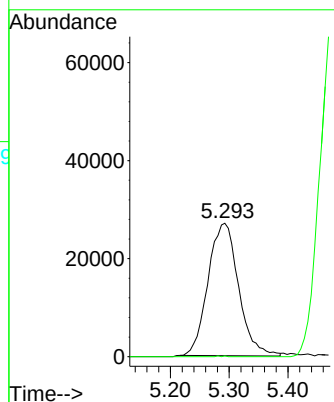
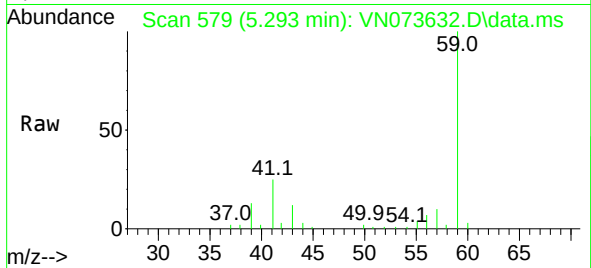
#23
tert-Butyl Alcohol
Concen: 101.560 ug/l
RT: 5.293 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN073632.D
Acq: 29 Jul 2022 14:07

Instrument :
MSVOA_N
ClientSampleId :
VN0729WBSD01

Tgt Ion: 59 Resp: 97539
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0

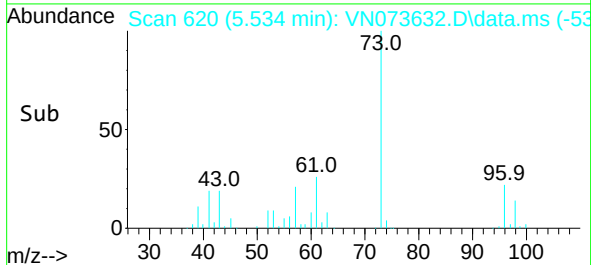
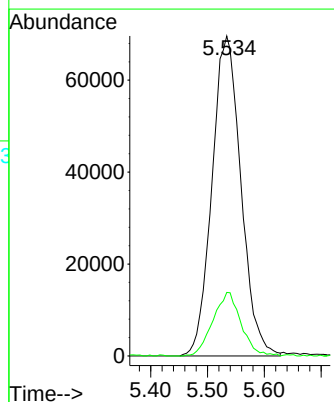
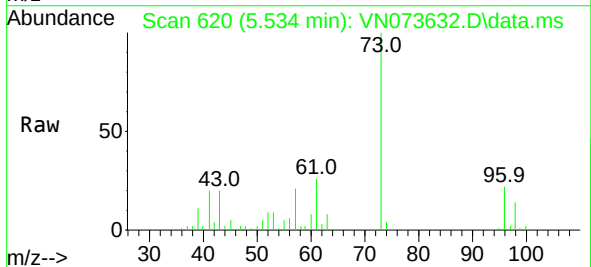
Manual Integrations
APPROVED

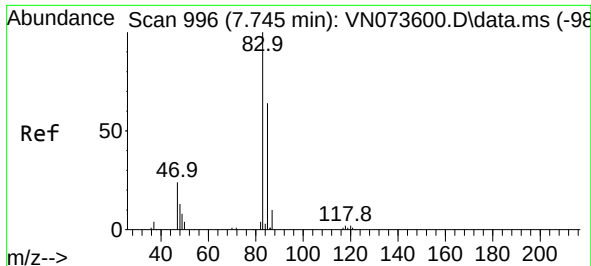
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#24
Methyl tert-Butyl Ether
Concen: 20.185 ug/l
RT: 5.534 min Scan# 620
Delta R.T. 0.000 min
Lab File: VN073632.D
Acq: 29 Jul 2022 14:07

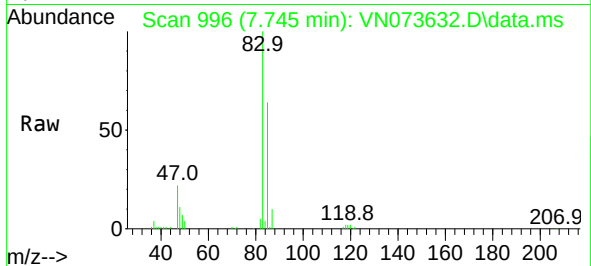
Tgt Ion: 73 Resp: 246458
Ion Ratio Lower Upper
73 100
43 19.3 18.1 27.1





#25
Chloroform
Concen: 19.413 ug/l
RT: 7.745 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN073632.D
Acq: 29 Jul 2022 14:07

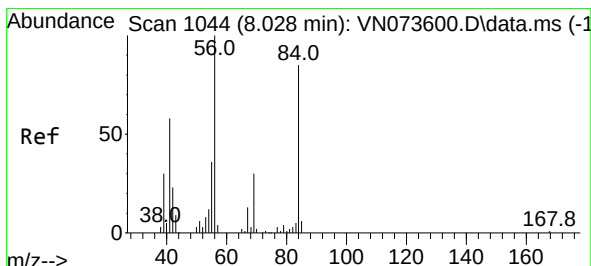
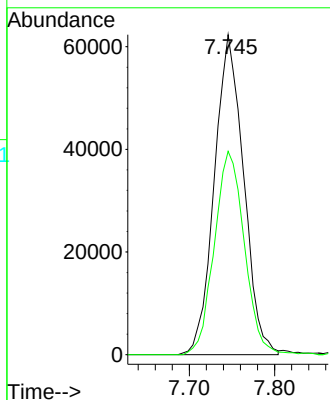
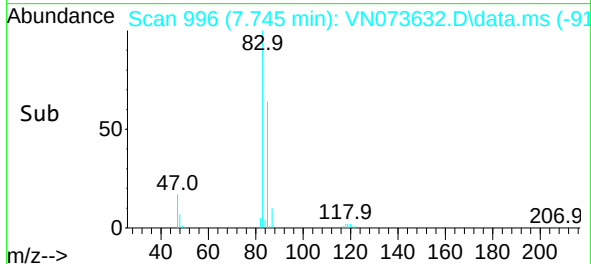
Instrument :
MSVOA_N
ClientSampleId :
VN0729WBSD01



Tgt Ion: 83 Resp: 148654
Ion Ratio Lower Upper
83 100
85 63.6 51.3 76.9

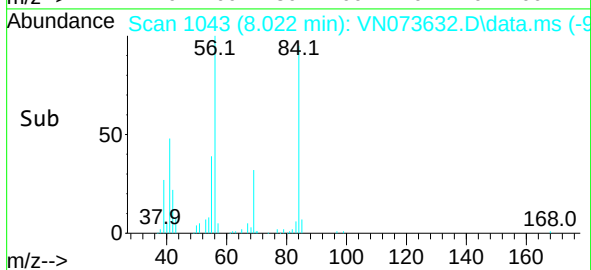
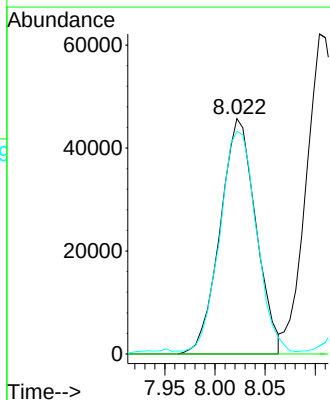
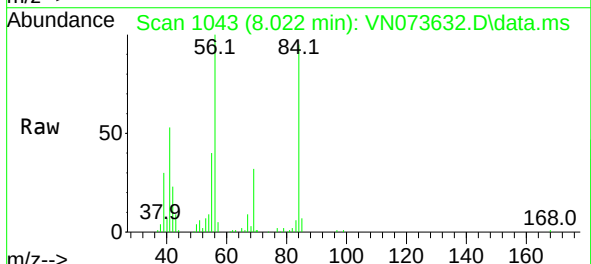
Manual Integrations
APPROVED

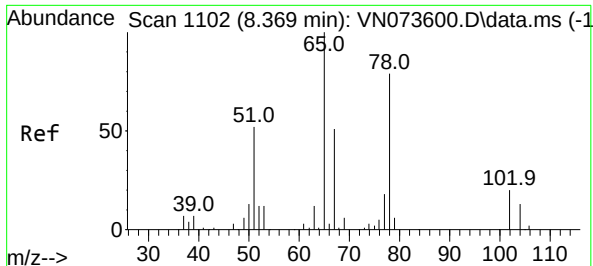
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#26
Cyclohexane
Concen: 17.726 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.006 min
Lab File: VN073632.D
Acq: 29 Jul 2022 14:07

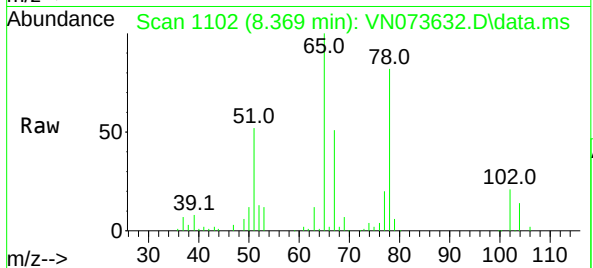
Tgt Ion: 56 Resp: 113426
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 98.2 74.6 111.8





#27
1,2-Dichloroethane-d4
Concen: 29.698 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN073632.D
Acq: 29 Jul 2022 14:07

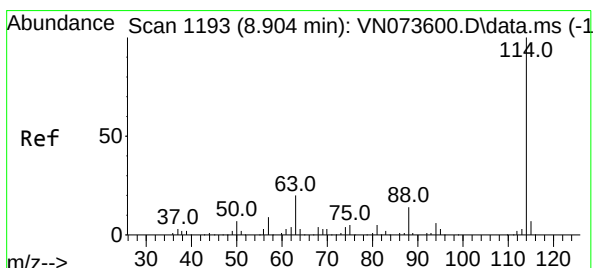
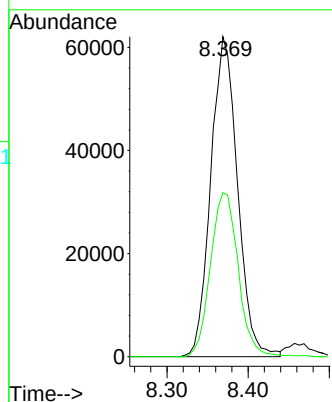
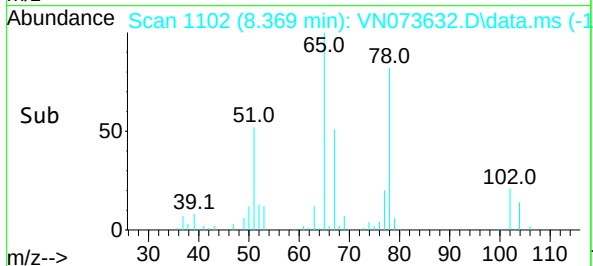
Instrument :
MSVOA_N
ClientSampleId :
VN0729WBSD01



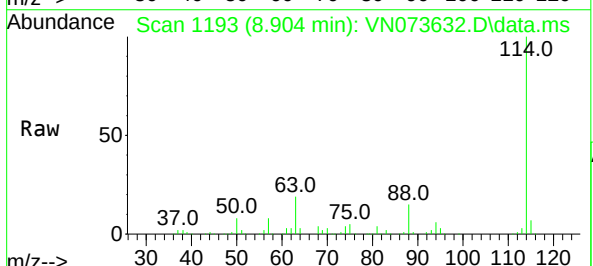
Tgt Ion: 65 Resp: 142100
Ion Ratio Lower Upper
65 100
67 53.0 40.2 60.2

Manual Integrations
APPROVED

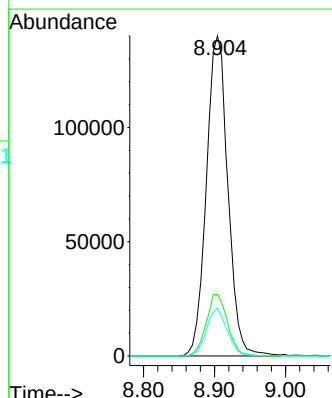
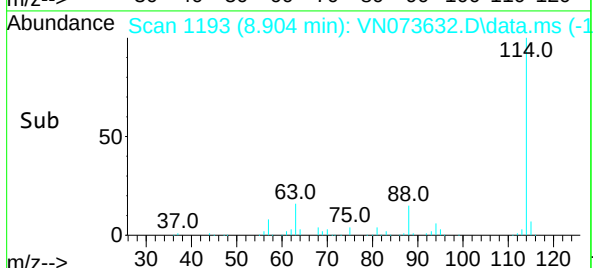
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022

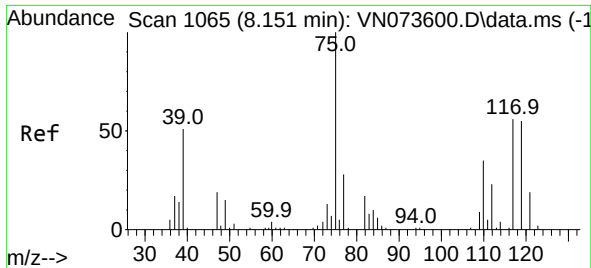


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VN073632.D
Acq: 29 Jul 2022 14:07



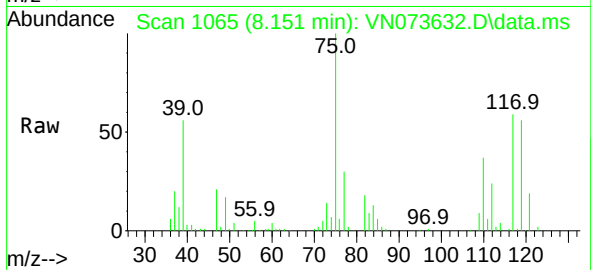
Tgt Ion:114 Resp: 294701
Ion Ratio Lower Upper
114 100
63 19.1 15.8 23.6
88 14.4 11.6 17.4





#29
1,1-Dichloropropene
Concen: 18.469 ug/l
RT: 8.151 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VN073632.D
Acq: 29 Jul 2022 14:07

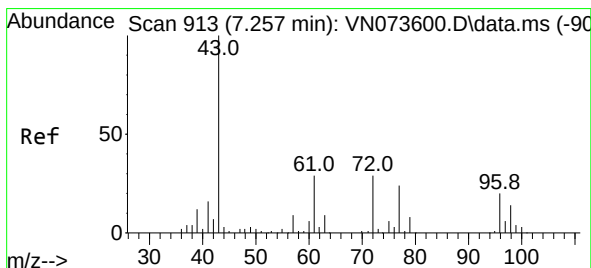
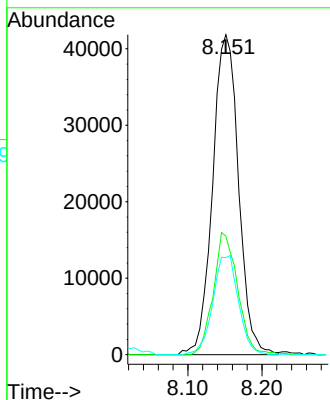
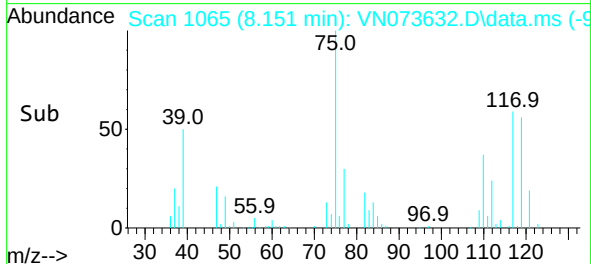
Instrument :
MSVOA_N
ClientSampleId :
VN0729WBSD01



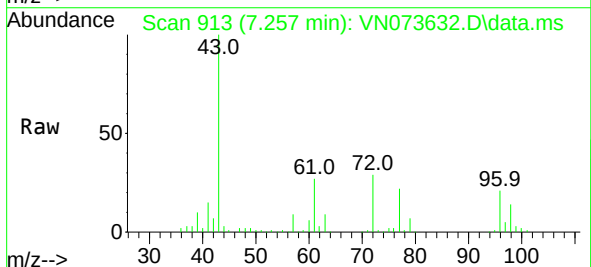
Tgt Ion: 75 Resp: 101699
Ion Ratio Lower Upper
75 100
110 35.8 0.0 74.2
77 30.6 0.0 63.2

Manual Integrations
APPROVED

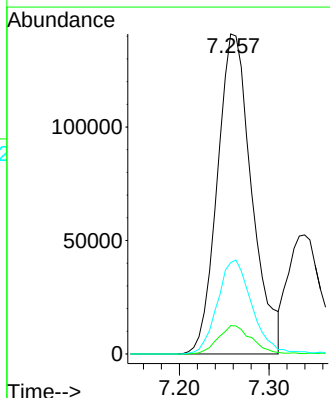
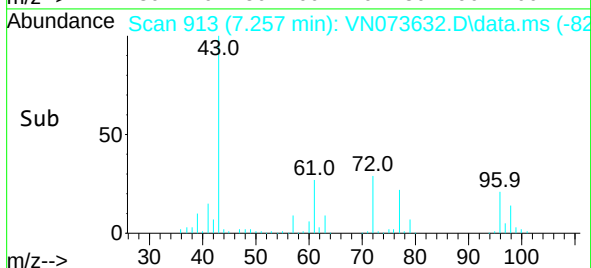
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022

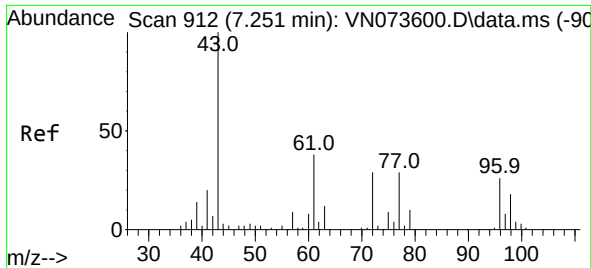


#30
2-Butanone
Concen: 98.699 ug/l
RT: 7.257 min Scan# 913
Delta R.T. 0.000 min
Lab File: VN073632.D
Acq: 29 Jul 2022 14:07



Tgt Ion: 43 Resp: 375703
Ion Ratio Lower Upper
43 100
57 8.6 6.7 10.1
72 29.5 23.2 34.8





#31

2,2-Dichloropropane

Concen: 17.979 ug/l

RT: 7.251 min Scan# 912

Delta R.T. 0.000 min

Lab File: VN073632.D

Acq: 29 Jul 2022 14:07

Instrument :

MSVOA_N

ClientSampleId :

VN0729WBSD01

Tgt Ion: 77 Resp: 10330

Ion Ratio Lower Upper

77 100

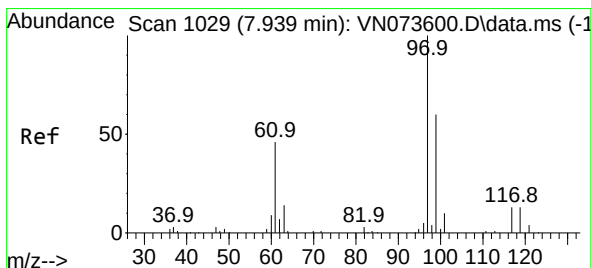
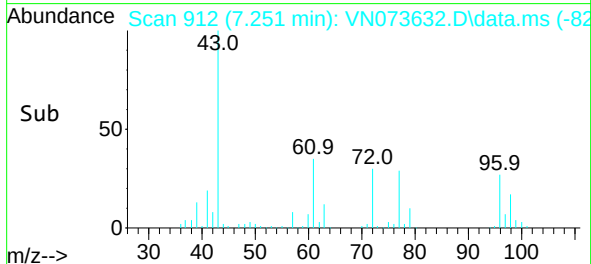
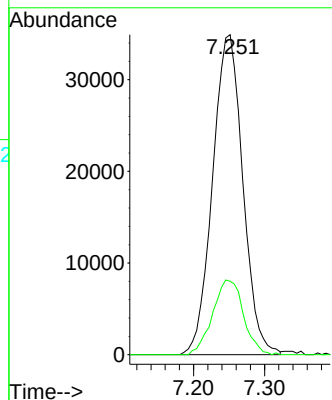
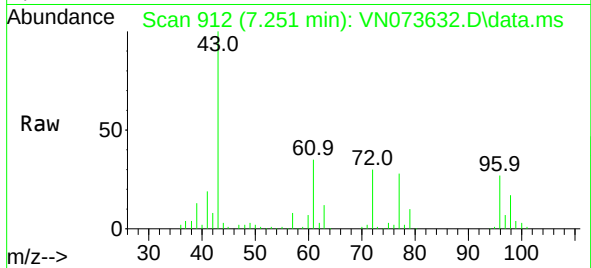
97 23.7 18.3 27.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2022

Supervised By :Mahesh Dadoda 08/01/2022



#32

1,1,1-Trichloroethane

Concen: 19.645 ug/l

RT: 7.939 min Scan# 1029

Delta R.T. 0.000 min

Lab File: VN073632.D

Acq: 29 Jul 2022 14:07

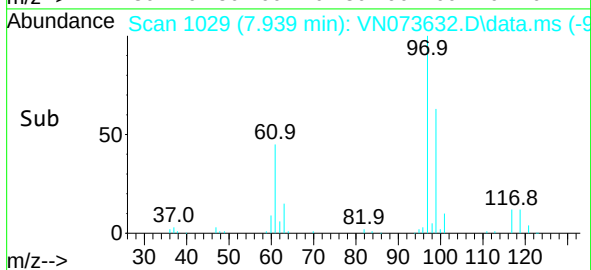
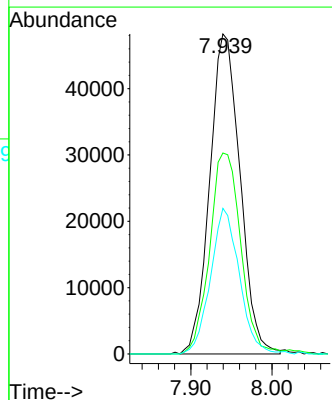
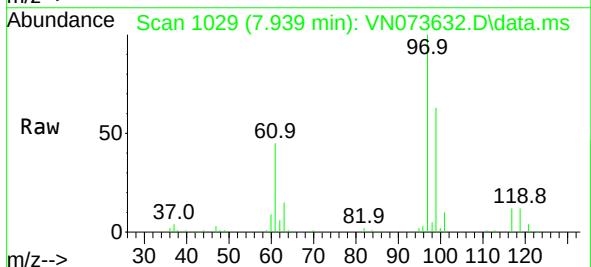
Tgt Ion: 97 Resp: 125206

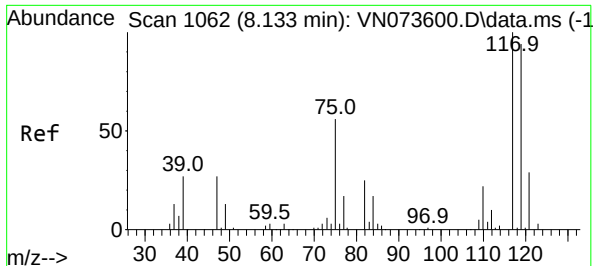
Ion Ratio Lower Upper

97 100

99 64.3 50.4 75.6

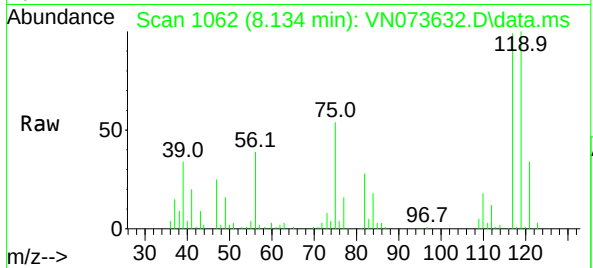
61 43.1 34.6 51.8





#33
Carbon Tetrachloride
Concen: 18.919 ug/l
RT: 8.134 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VN073632.D
Acq: 29 Jul 2022 14:07

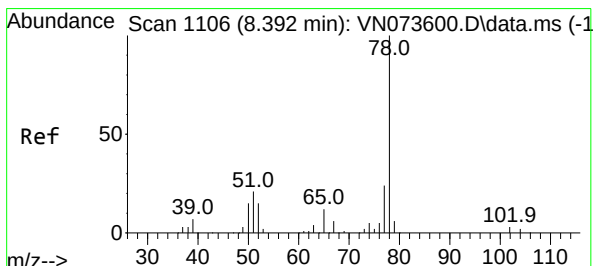
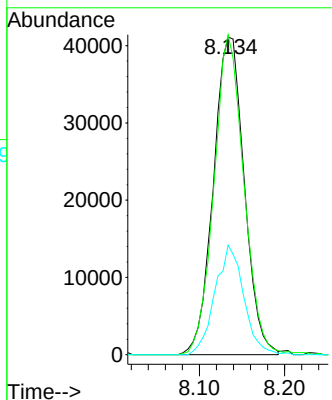
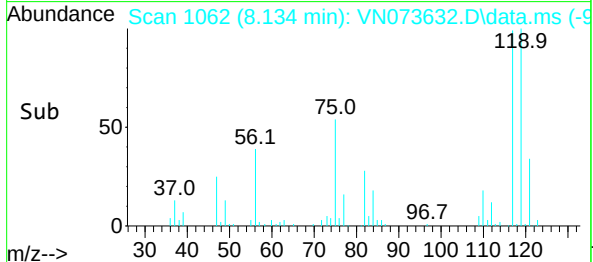
Instrument :
MSVOA_N
ClientSampleId :
VN0729WBSD01



Tgt Ion:117 Resp: 10339
Ion Ratio Lower Upper
117 100
119 100.7 77.5 116.3
121 34.5 23.5 35.3

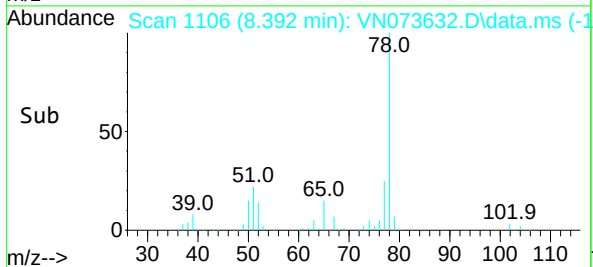
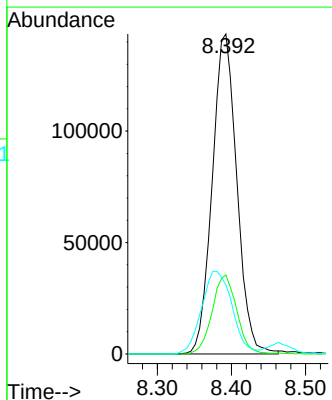
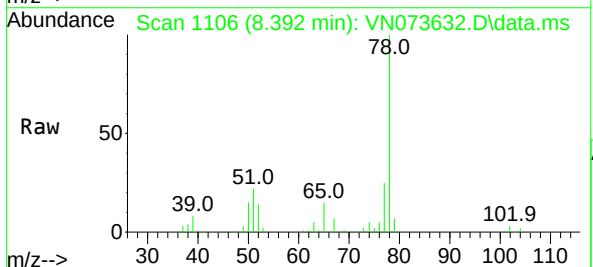
Manual Integrations
APPROVED

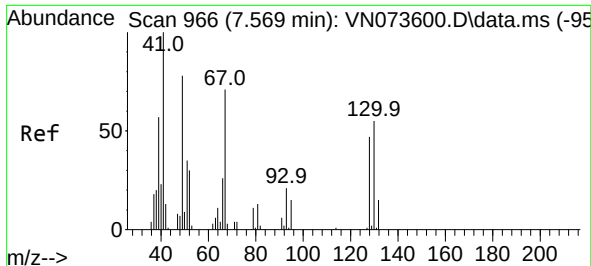
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#34
Benzene
Concen: 18.599 ug/l
RT: 8.392 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VN073632.D
Acq: 29 Jul 2022 14:07

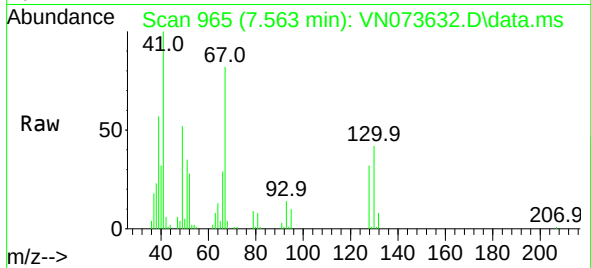
Tgt Ion: 78 Resp: 331413
Ion Ratio Lower Upper
78 100
77 24.7 19.1 28.7
51 21.3 16.0 24.0





#35
Methacrylonitrile
Concen: 20.835 ug/l
RT: 7.563 min Scan# 965
Delta R.T. -0.006 min
Lab File: VN073632.D
Acq: 29 Jul 2022 14:07

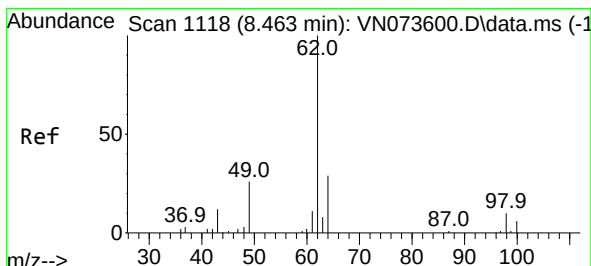
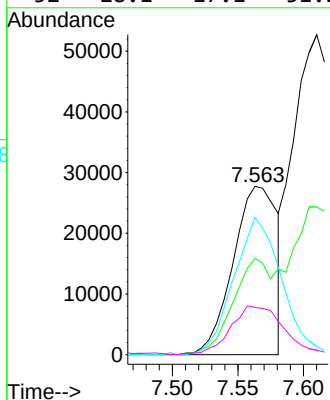
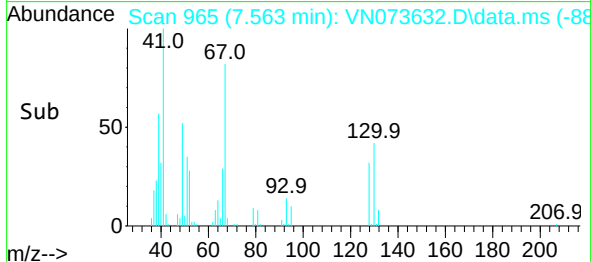
Instrument :
MSVOA_N
ClientSampleId :
VN0729WBSD01



Tgt Ion: 41 Resp: 64380
Ion Ratio Lower Upper
41 100
39 57.2 28.0 83.9
67 81.6 37.7 113.1
52 28.1 17.1 51.2

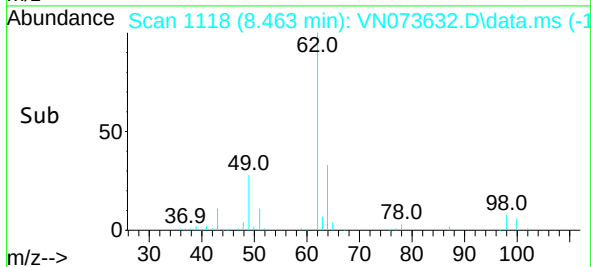
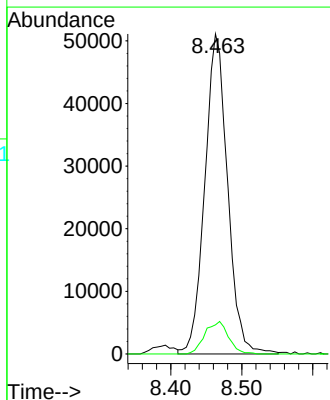
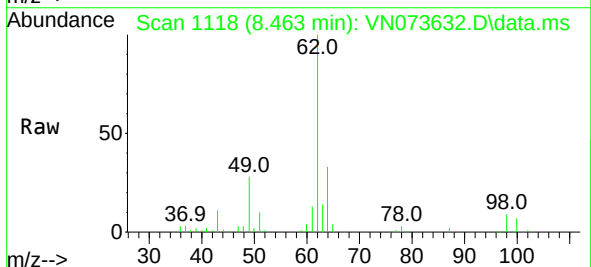
Manual Integrations
APPROVED

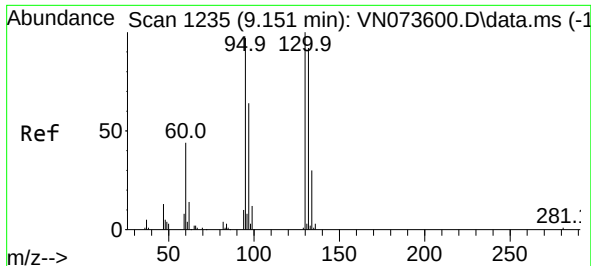
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#36
1,2-Dichloroethane
Concen: 19.366 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. 0.000 min
Lab File: VN073632.D
Acq: 29 Jul 2022 14:07

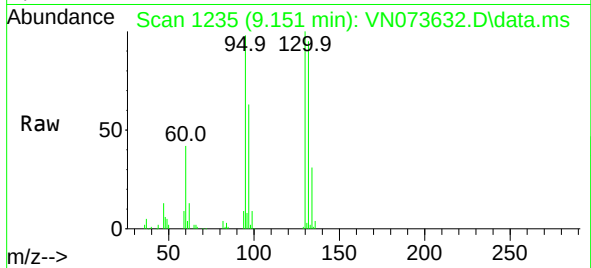
Tgt Ion: 62 Resp: 113788
Ion Ratio Lower Upper
62 100
98 10.5 6.6 10.0#





#37
Trichloroethene
Concen: 19.338 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VN073632.D
Acq: 29 Jul 2022 14:07

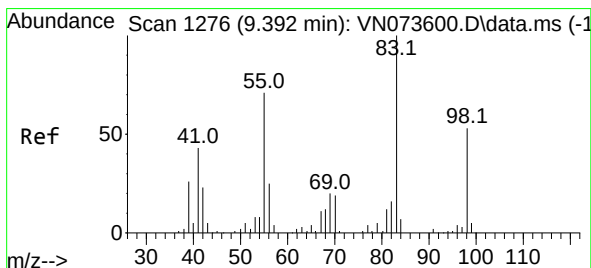
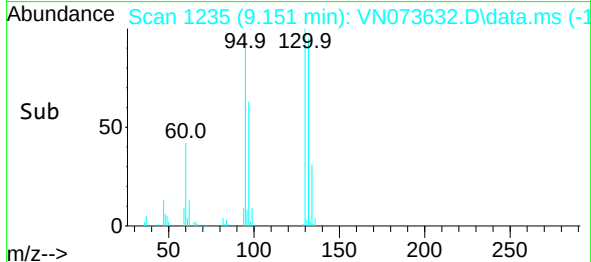
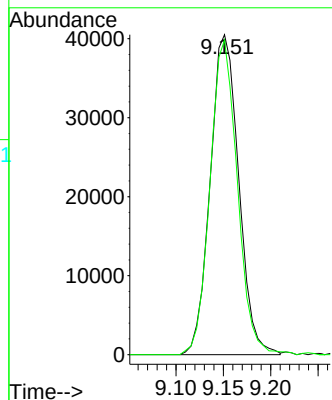
Instrument :
MSVOA_N
ClientSampleId :
VN0729WBSD01



Tgt Ion:130 Resp: 84770
Ion Ratio Lower Upper
130 100
95 98.3 76.6 115.0

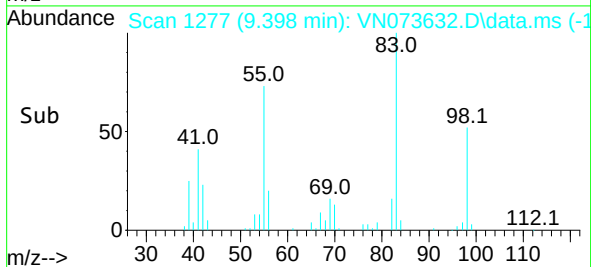
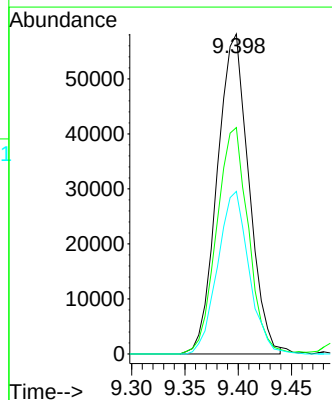
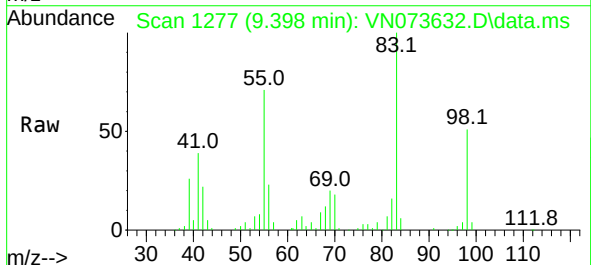
Manual Integrations
APPROVED

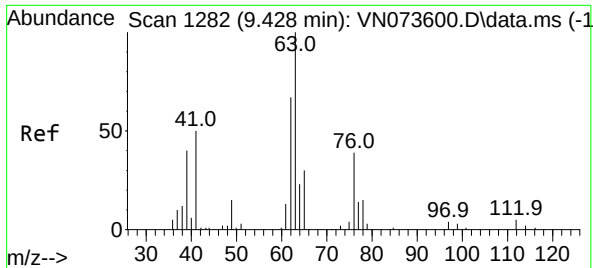
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#38
Methylcyclohexane
Concen: 17.531 ug/l
RT: 9.398 min Scan# 1277
Delta R.T. 0.006 min
Lab File: VN073632.D
Acq: 29 Jul 2022 14:07

Tgt Ion: 83 Resp: 119832
Ion Ratio Lower Upper
83 100
55 71.0 35.1 105.3
98 50.4 23.4 70.2





#39

1,2-Dichloropropane

Concen: 18.988 ug/l

RT: 9.428 min Scan# 1282

Delta R.T. 0.000 min

Lab File: VN073632.D

Acq: 29 Jul 2022 14:07

Instrument :

MSVOA_N

ClientSampleId :

VN0729WBSD01

Tgt Ion: 63 Resp: 8535

Ion Ratio Lower Upper

63 100

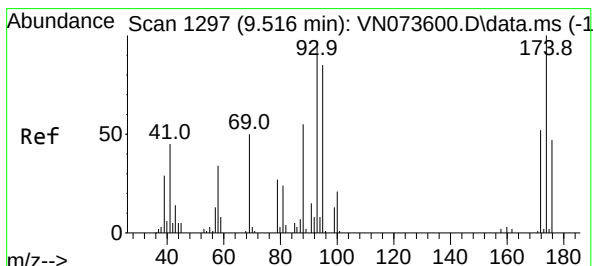
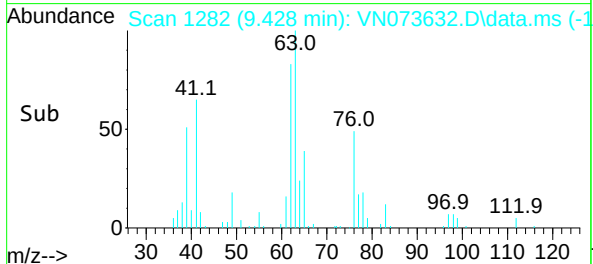
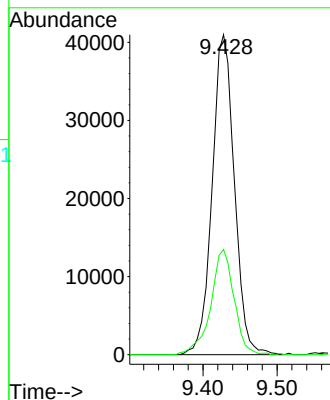
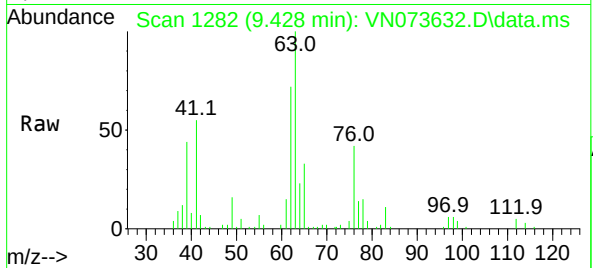
65 32.5 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2022

Supervised By :Mahesh Dadoda 08/01/2022



#40

Dibromomethane

Concen: 19.513 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. 0.000 min

Lab File: VN073632.D

Acq: 29 Jul 2022 14:07

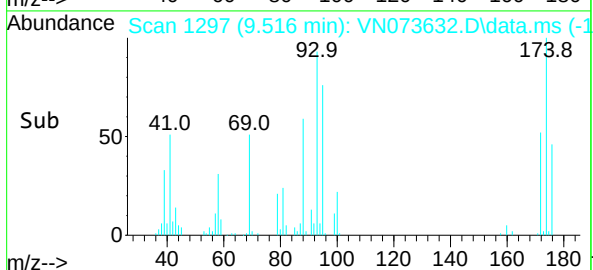
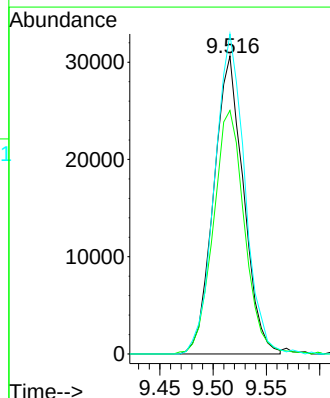
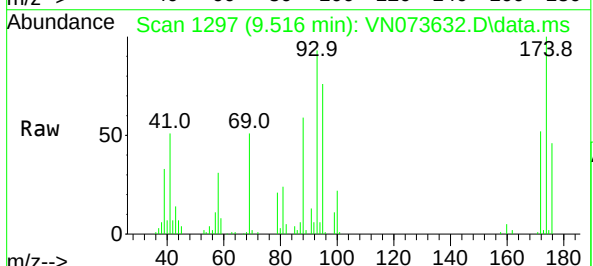
Tgt Ion: 93 Resp: 59521

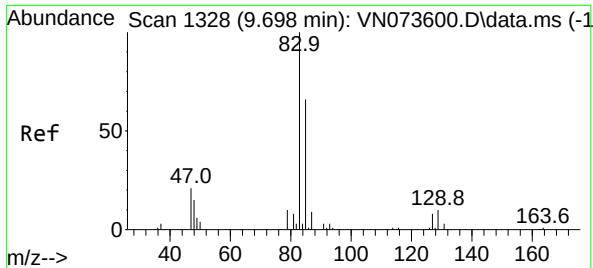
Ion Ratio Lower Upper

93 100

95 85.5 0.0 168.8

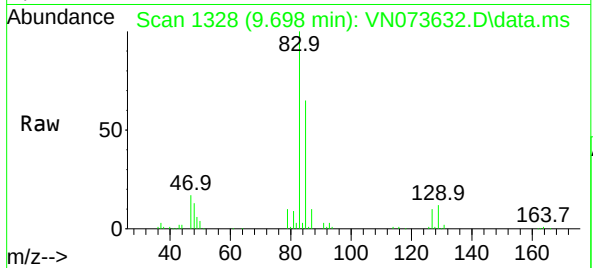
174 108.2 0.0 173.6





#41
Bromodichloromethane
Concen: 18.911 ug/l
RT: 9.698 min Scan# 112920
Delta R.T. 0.000 min
Lab File: VN073632.D
Acq: 29 Jul 2022 14:07

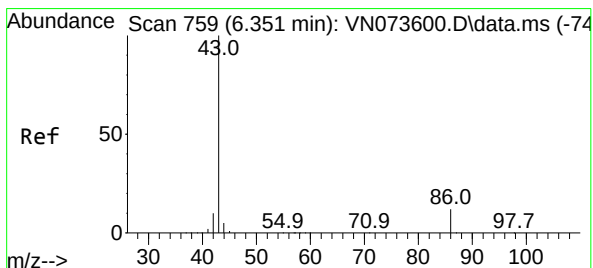
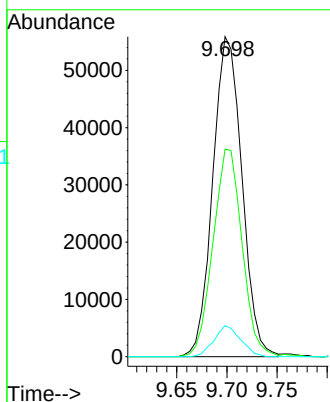
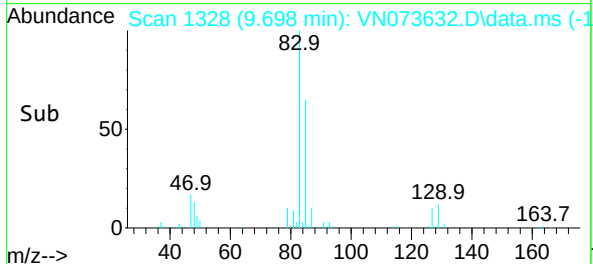
Instrument :
MSVOA_N
ClientSampleId :
VN0729WBSD01



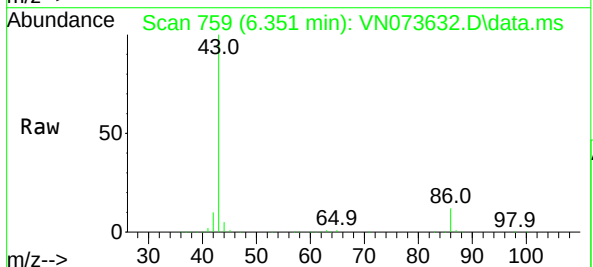
Tgt Ion: 83 Resp: 112920
Ion Ratio Lower Upper
83 100
85 64.9 54.1 81.1
127 10.6 7.6 11.4

Manual Integrations
APPROVED

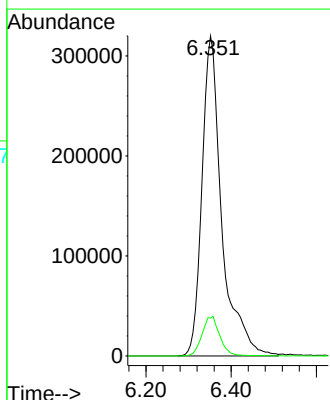
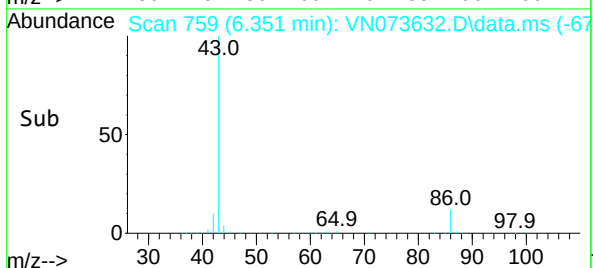
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022

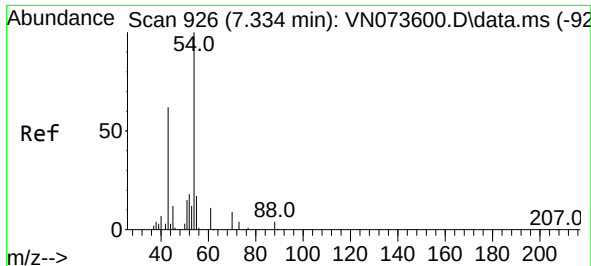


#42
Vinyl Acetate
Concen: 94.196 ug/l
RT: 6.351 min Scan# 759
Delta R.T. 0.000 min
Lab File: VN073632.D
Acq: 29 Jul 2022 14:07



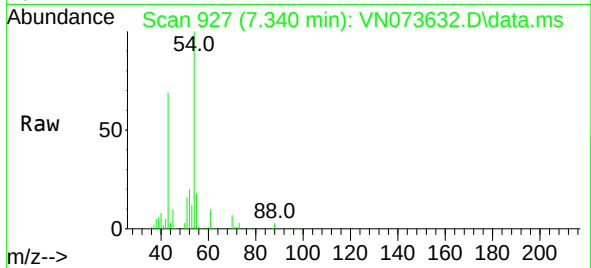
Tgt Ion: 43 Resp: 1033211
Ion Ratio Lower Upper
43 100
86 11.0 7.5 11.3





#43
Ethyl Acetate
Concen: 19.762 ug/l
RT: 7.340 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN073632.D
Acq: 29 Jul 2022 14:07

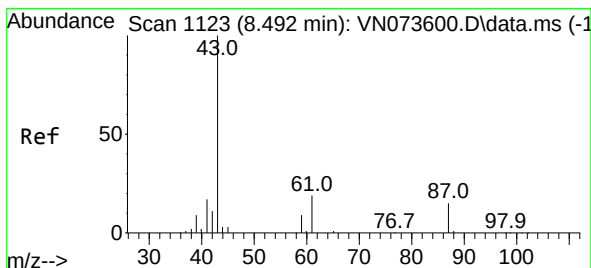
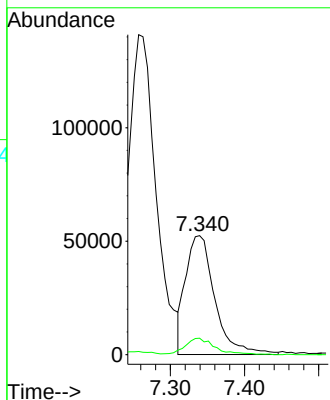
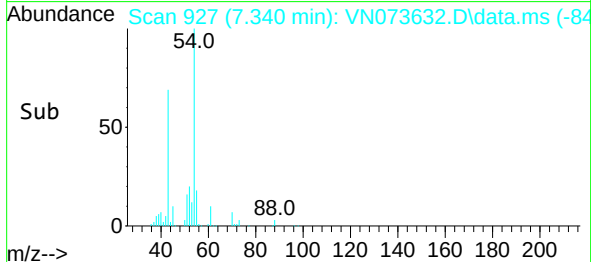
Instrument :
MSVOA_N
ClientSampleId :
VN0729WBSD01



Tgt Ion: 43 Resp: 142810
Ion Ratio Lower Upper
43 100
45 14.4 10.6 16.0

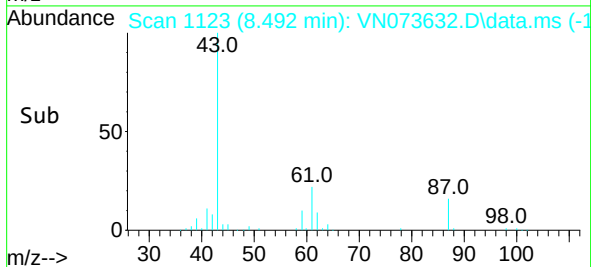
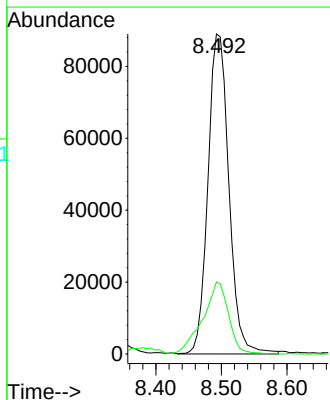
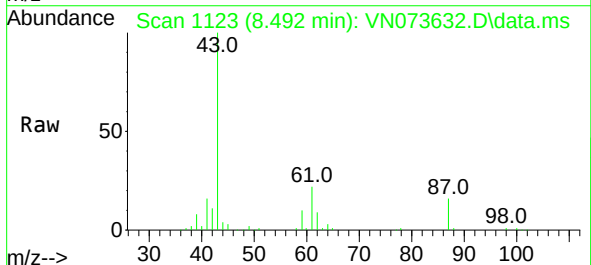
Manual Integrations
APPROVED

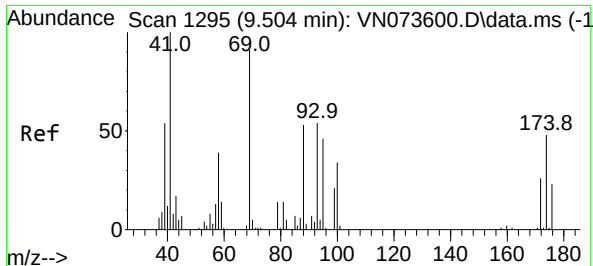
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#44
Isopropyl Acetate
Concen: 19.675 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN073632.D
Acq: 29 Jul 2022 14:07

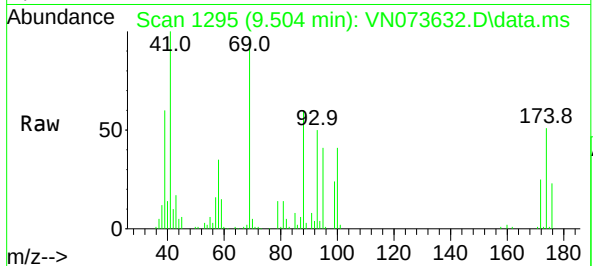
Tgt Ion: 43 Resp: 197721
Ion Ratio Lower Upper
43 100
61 27.6 20.1 30.1





#45
1,4-Dioxane
Concen: 433.710 ug/l
RT: 9.504 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VN073632.D
Acq: 29 Jul 2022 14:07

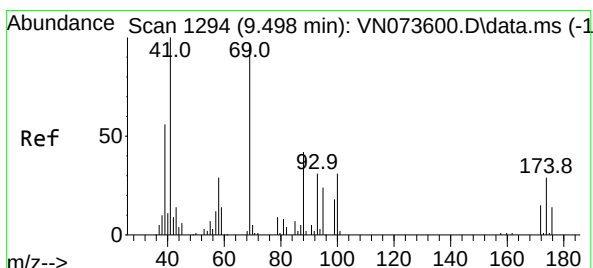
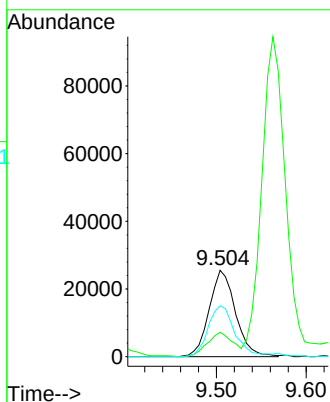
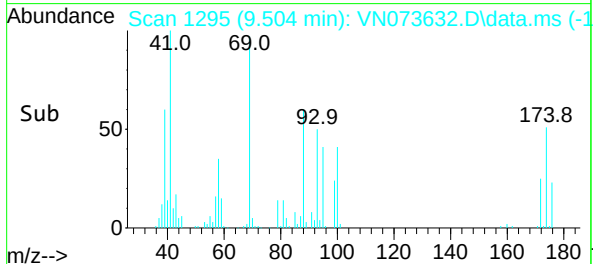
Instrument :
MSVOA_N
ClientSampleId :
VN0729WBSD01



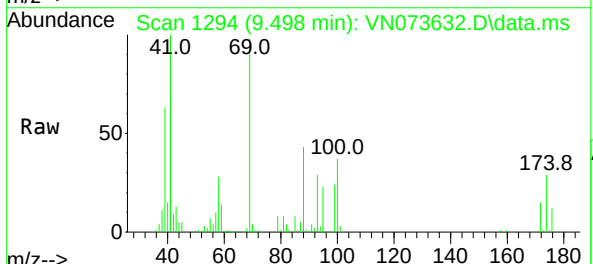
Tgt Ion: 88 Resp: 51969
Ion Ratio Lower Upper
88 100
43 27.7 25.0 37.6
58 59.1 49.4 74.2

Manual Integrations
APPROVED

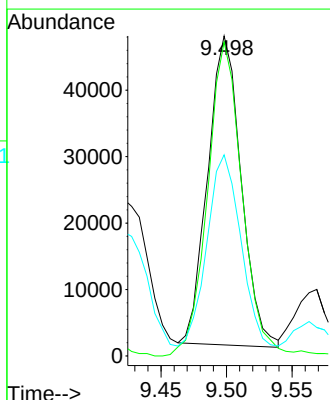
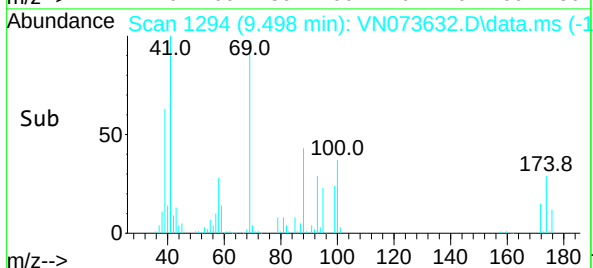
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022

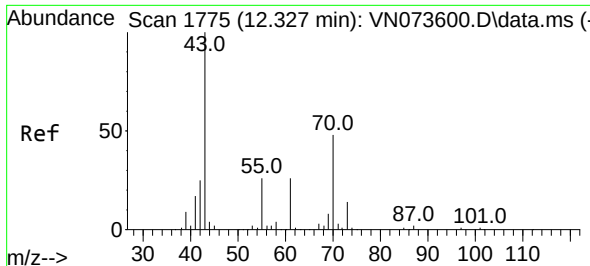


#46
Methyl methacrylate
Concen: 18.322 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VN073632.D
Acq: 29 Jul 2022 14:07



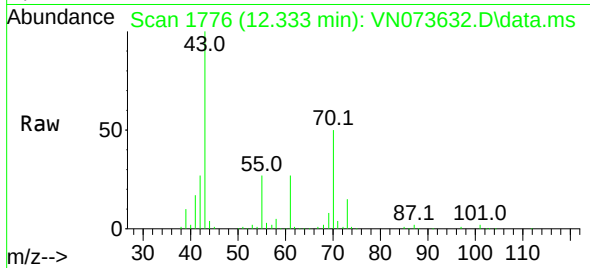
Tgt Ion: 41 Resp: 82337
Ion Ratio Lower Upper
41 100
69 99.9 44.4 133.2
39 62.3 39.9 119.6





#47
n-amy1 Acetate
Concen: 17.909 ug/l
RT: 12.333 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073632.D
Acq: 29 Jul 2022 14:07

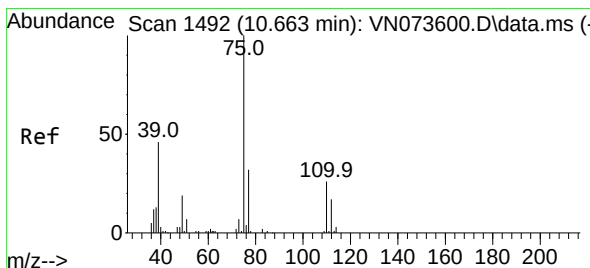
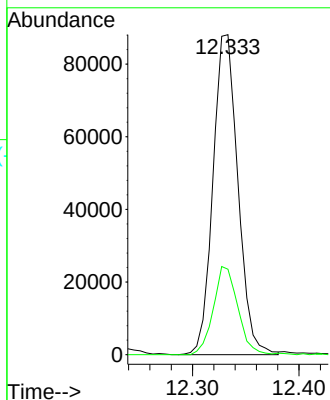
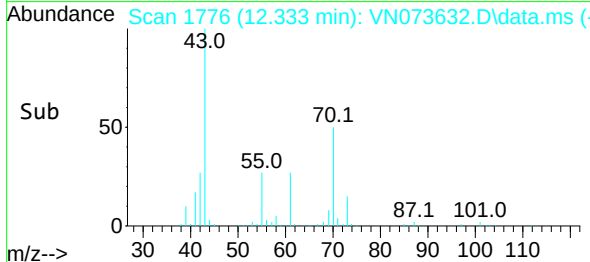
Instrument :
MSVOA_N
ClientSampleId :
VN0729WBSD01



Tgt Ion: 43 Resp: 143478
Ion Ratio Lower Upper
43 100
55 26.9 19.0 28.6

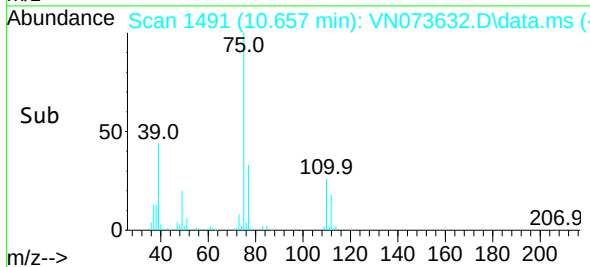
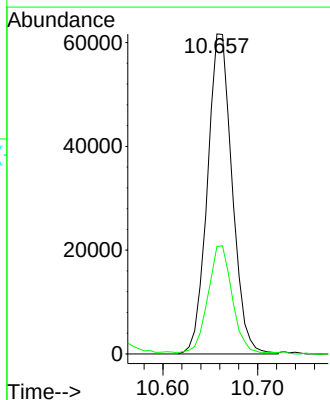
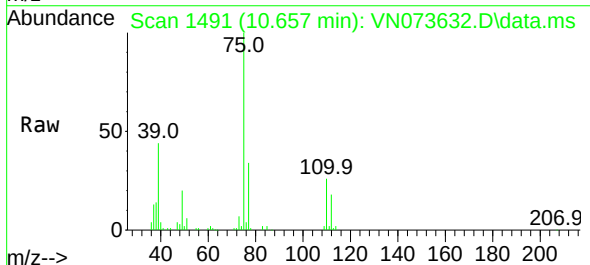
Manual Integrations
APPROVED

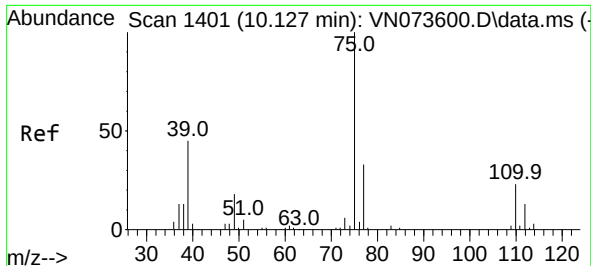
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#48
t-1,3-Dichloropropene
Concen: 18.215 ug/l
RT: 10.657 min Scan# 1491
Delta R.T. -0.006 min
Lab File: VN073632.D
Acq: 29 Jul 2022 14:07

Tgt Ion: 75 Resp: 111972
Ion Ratio Lower Upper
75 100
77 33.3 25.3 37.9





#49

cis-1,3-Dichloropropene

Concen: 18.646 ug/l

RT: 10.128 min Scan# 1401

Delta R.T. 0.000 min

Lab File: VN073632.D

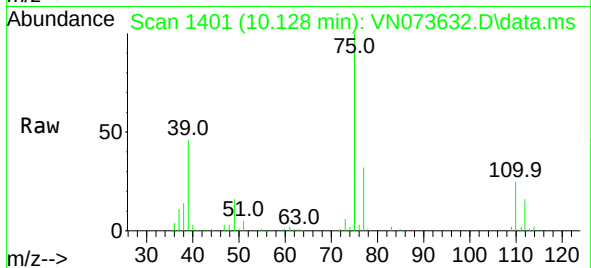
Acq: 29 Jul 2022 14:07

Instrument :

MSVOA_N

ClientSampleId :

VN0729WBSD01



Tgt Ion: 75 Resp: 127269

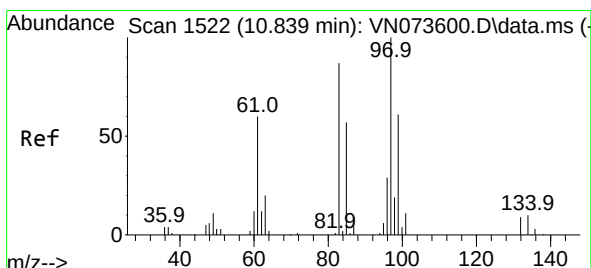
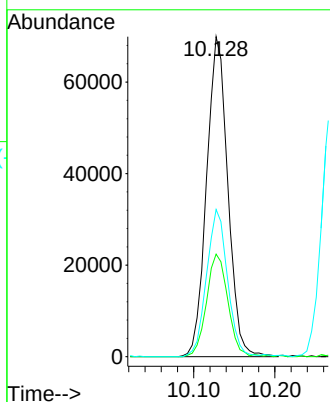
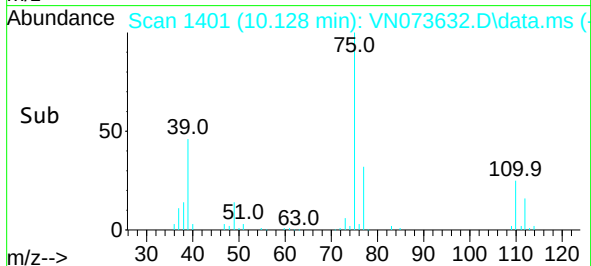
Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.3	37.9
39	46.0	46.2	69.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2022

Supervised By :Mahesh Dadoda 08/01/2022



#50

1,1,2-Trichloroethane

Concen: 19.844 ug/l

RT: 10.839 min Scan# 1522

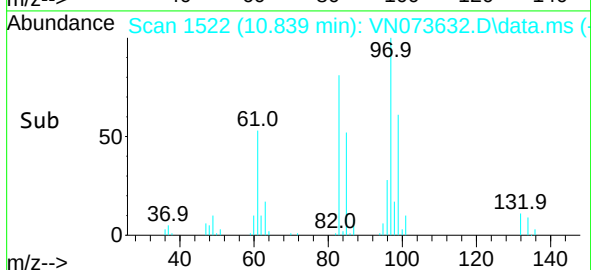
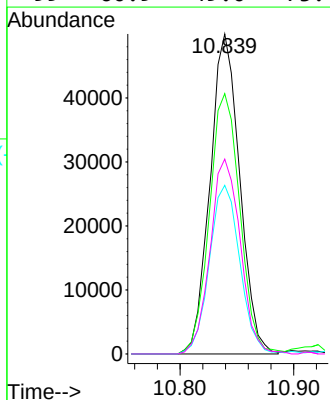
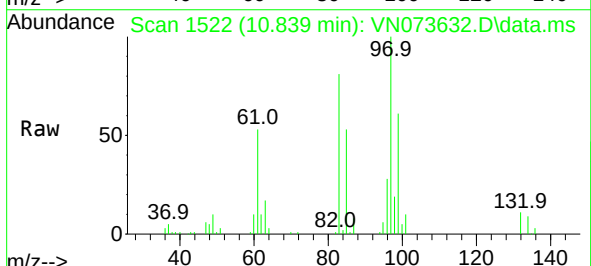
Delta R.T. 0.000 min

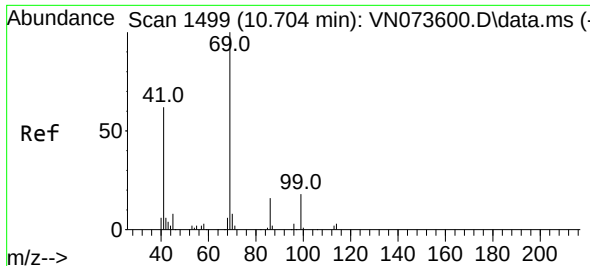
Lab File: VN073632.D

Acq: 29 Jul 2022 14:07

Tgt Ion: 97 Resp: 90813

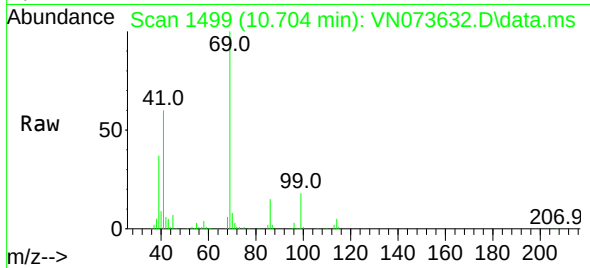
Ion	Ratio	Lower	Upper
97	100		
83	81.4	67.2	100.8
85	52.7	43.0	64.4
99	60.9	49.0	73.4





#51
Ethyl methacrylate
Concen: 19.269 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. 0.000 min
Lab File: VN073632.D
Acq: 29 Jul 2022 14:07

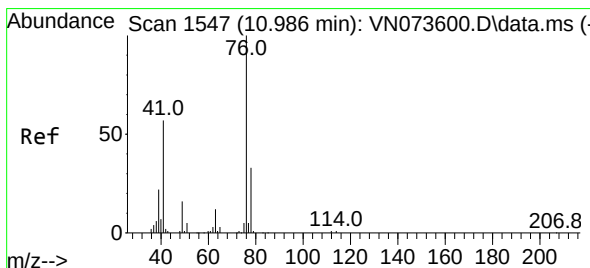
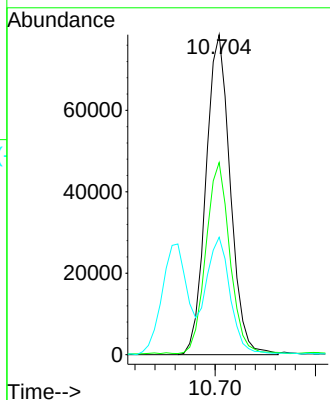
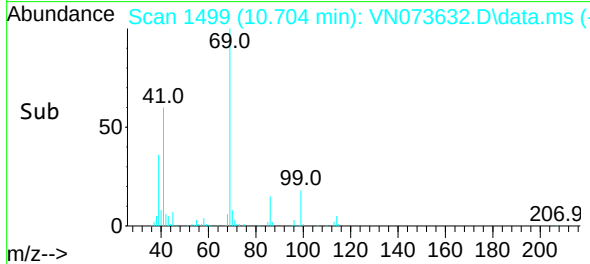
Instrument :
MSVOA_N
ClientSampleId :
VN0729WBSD01



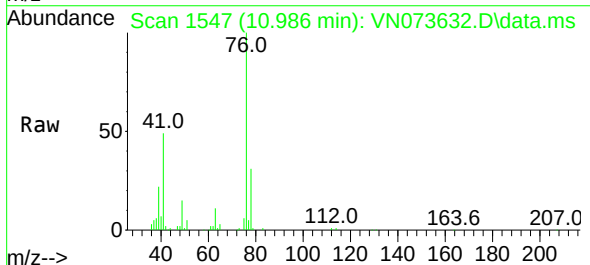
Tgt Ion: 69 Resp: 132574
Ion Ratio Lower Upper
69 100
41 59.7 33.0 98.9
39 36.2 25.4 76.4

Manual Integrations
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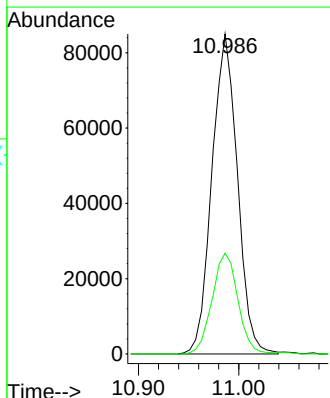
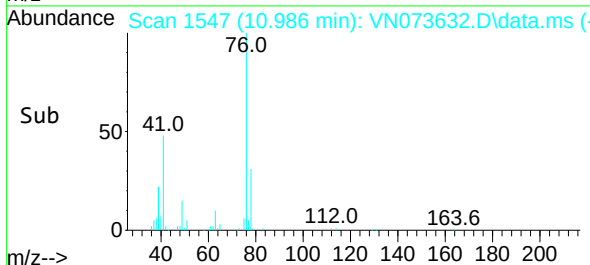
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022

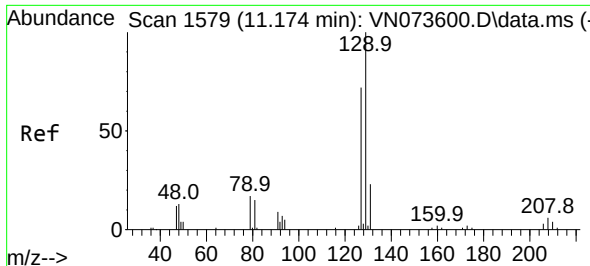


#52
1,3-Dichloropropane
Concen: 19.411 ug/l
RT: 10.986 min Scan# 1547
Delta R.T. 0.000 min
Lab File: VN073632.D
Acq: 29 Jul 2022 14:07



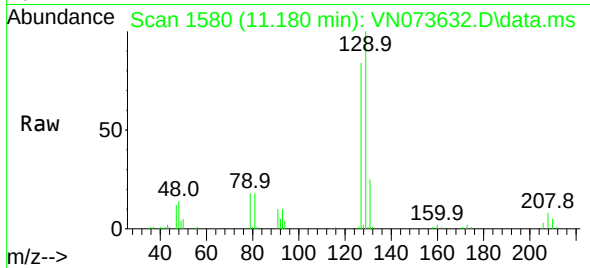
Tgt Ion: 76 Resp: 149724
Ion Ratio Lower Upper
76 100
78 31.8 0.0 65.4





#53
Dibromochloromethane
Concen: 19.029 ug/l
RT: 11.180 min Scan# 1579
Delta R.T. 0.006 min
Lab File: VN073632.D
Acq: 29 Jul 2022 14:07

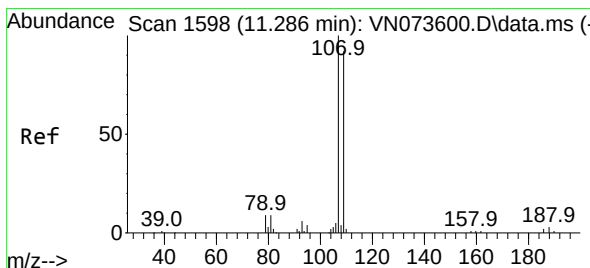
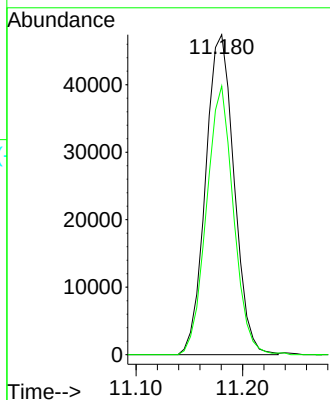
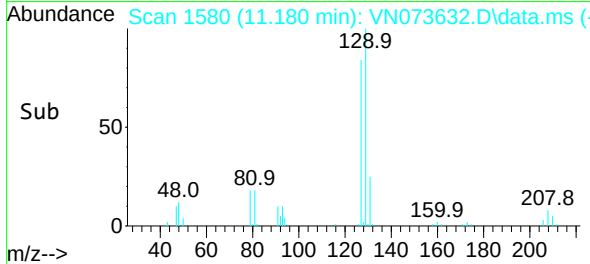
Instrument :
MSVOA_N
ClientSampleId :
VN0729WBSD01



Tgt Ion:129 Resp: 8825
Ion Ratio Lower Upper
129 100
127 79.5 39.0 117.0

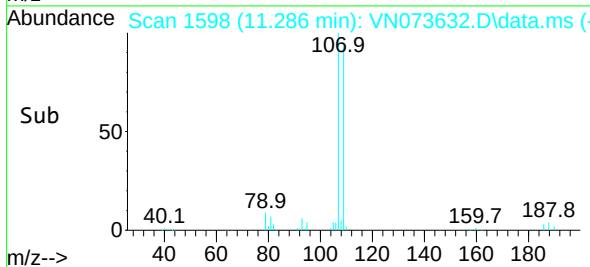
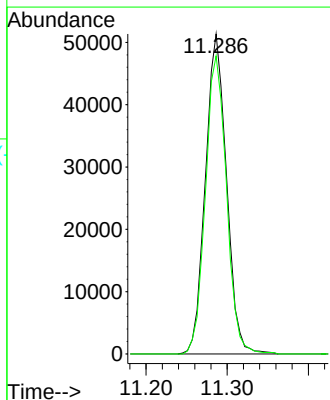
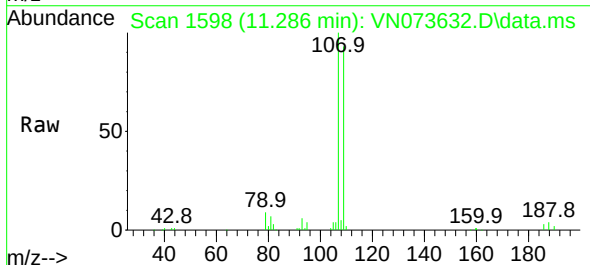
Manual Integrations
APPROVED

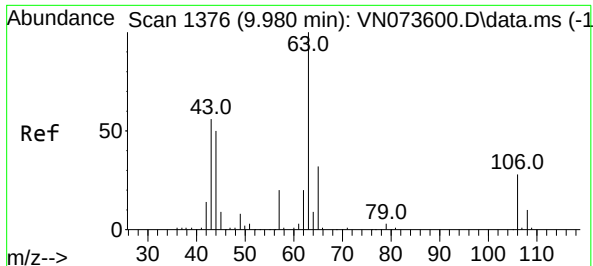
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#54
1,2-Dibromoethane
Concen: 19.879 ug/l
RT: 11.286 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN073632.D
Acq: 29 Jul 2022 14:07

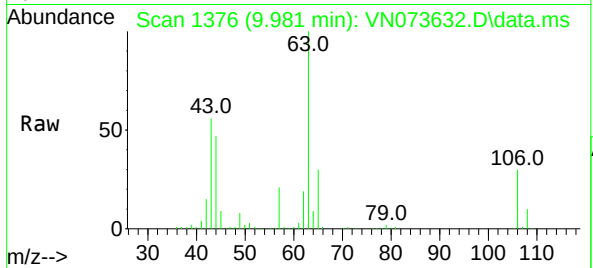
Tgt Ion:107 Resp: 92709
Ion Ratio Lower Upper
107 100
109 92.9 72.8 109.2





#55
2-Chloroethyl vinyl ether
Concen: 99.608 ug/l
RT: 9.981 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VN073632.D
Acq: 29 Jul 2022 14:07

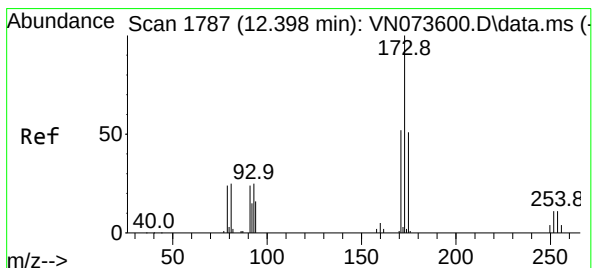
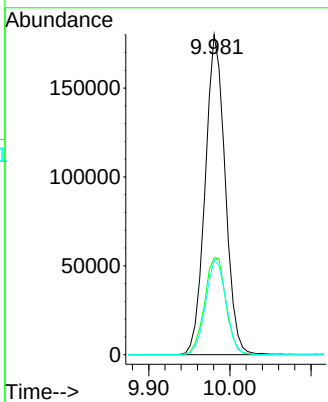
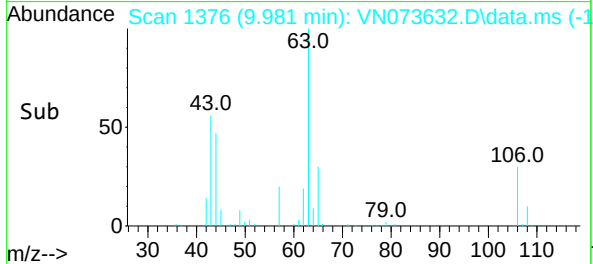
Instrument :
MSVOA_N
ClientSampleId :
VN0729WBSD01



Tgt Ion: 63 Resp: 307369
Ion Ratio Lower Upper
63 100
65 32.3 25.4 38.0
106 30.4 23.2 34.8

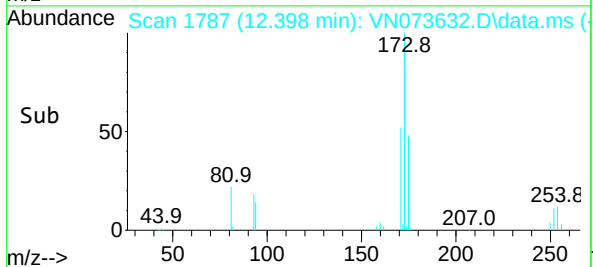
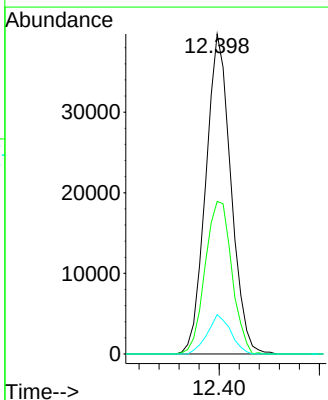
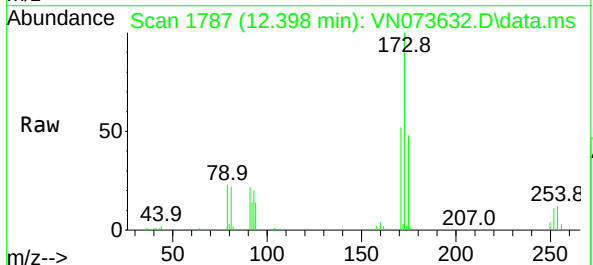
Manual Integrations
APPROVED

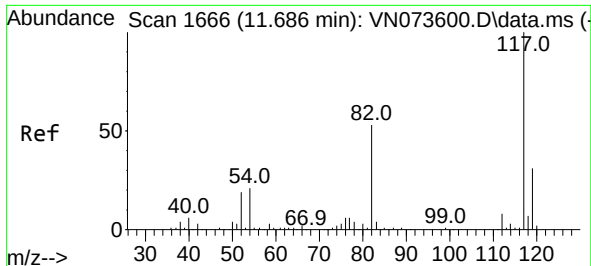
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#56
Bromoform
Concen: 18.948 ug/l
RT: 12.398 min Scan# 1787
Delta R.T. 0.000 min
Lab File: VN073632.D
Acq: 29 Jul 2022 14:07

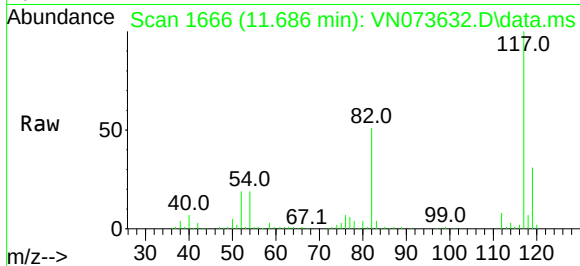
Tgt Ion:173 Resp: 69055
Ion Ratio Lower Upper
173 100
175 50.5 38.6 58.0
254 11.4 0.0 0.0#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN073632.D
Acq: 29 Jul 2022 14:07

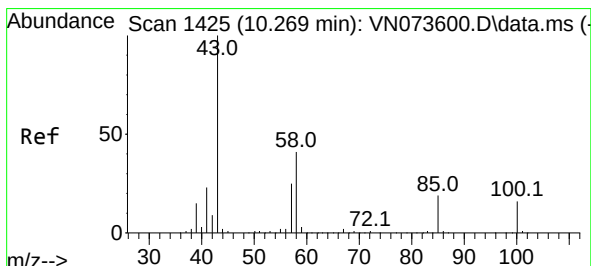
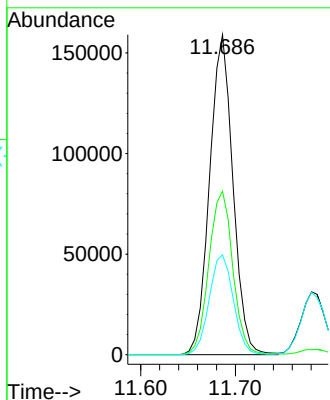
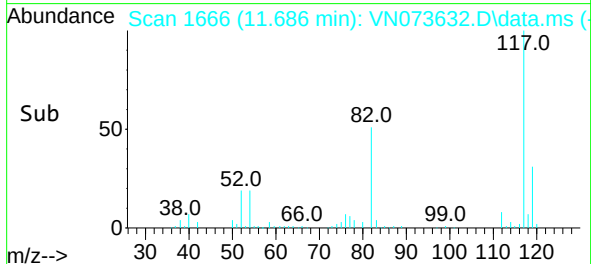
Instrument :
MSVOA_N
ClientSampleId :
VN0729WBSD01



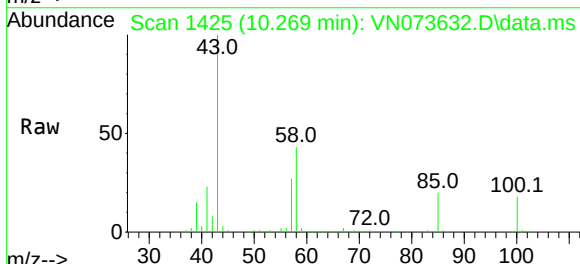
Tgt Ion:117 Resp: 272350
Ion Ratio Lower Upper
117 100
82 52.4 43.6 65.4
119 32.3 25.8 38.6

Manual Integrations
APPROVED

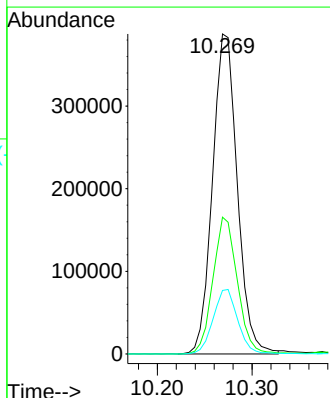
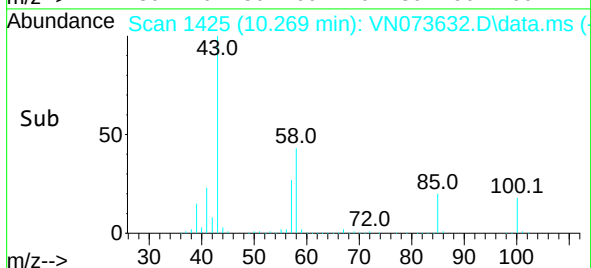
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022

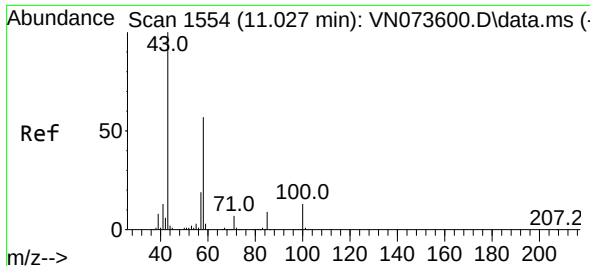


#58
4-Methyl-2-Pentanone
Concen: 100.087 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VN073632.D
Acq: 29 Jul 2022 14:07



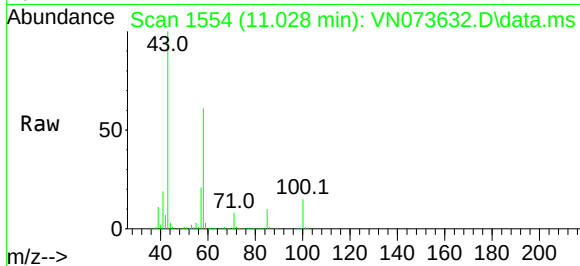
Tgt Ion: 43 Resp: 704848
Ion Ratio Lower Upper
43 100
58 42.1 30.0 45.0
85 20.1 15.0 22.6





#59
2-Hexanone
Concen: 100.340 ug/l
RT: 11.028 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VN073632.D
Acq: 29 Jul 2022 14:07

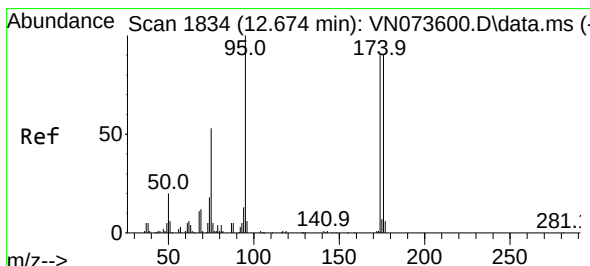
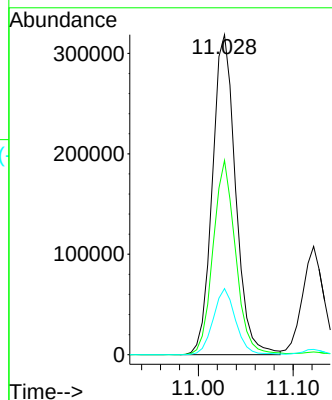
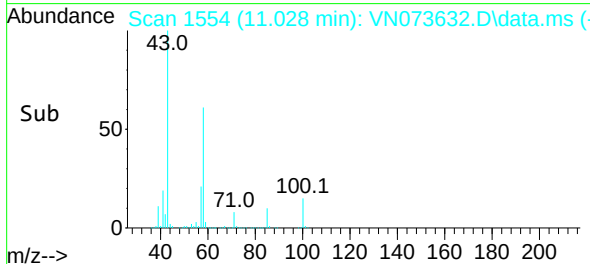
Instrument :
MSVOA_N
ClientSampleId :
VN0729WBSD01



Tgt Ion: 43 Resp: 544274
Ion Ratio Lower Upper
43 100
58 58.7 42.2 63.2
57 19.8 15.0 22.4

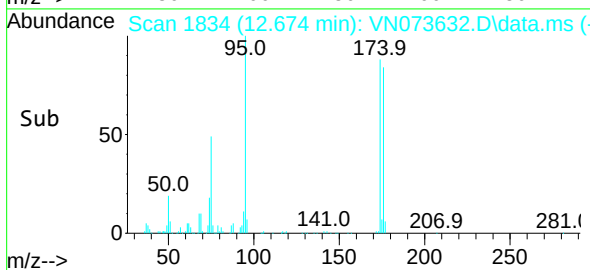
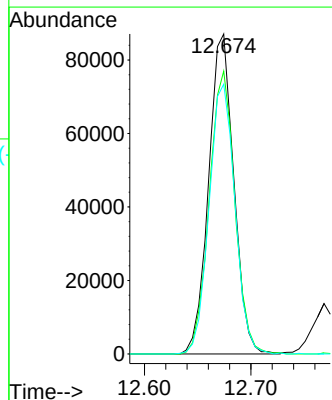
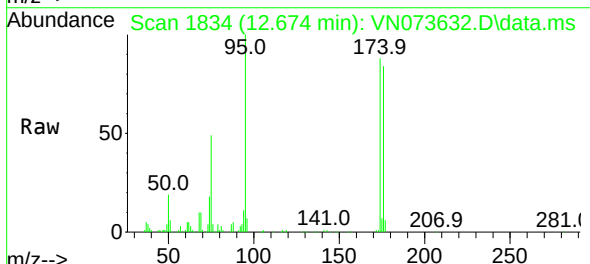
Manual Integrations
APPROVED

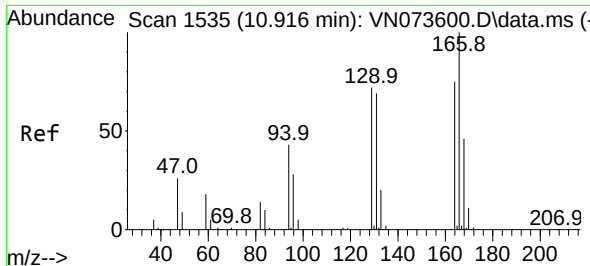
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#60
4-Bromofluorobenzene
Concen: 29.698 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073632.D
Acq: 29 Jul 2022 14:07

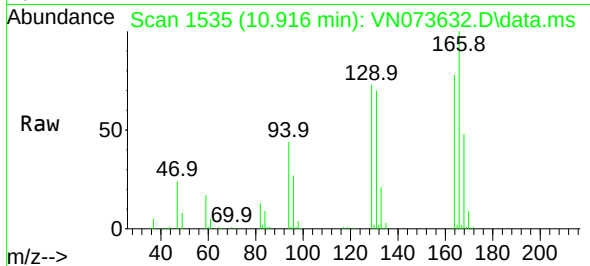
Tgt Ion: 95 Resp: 143220
Ion Ratio Lower Upper
95 100
174 89.6 62.9 94.3
176 86.4 61.0 91.4





#61
Tetrachloroethene
Concen: 20.057 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. 0.000 min
Lab File: VN073632.D
Acq: 29 Jul 2022 14:07

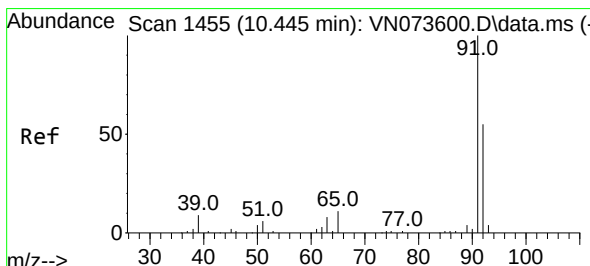
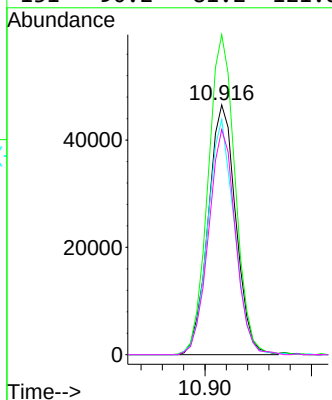
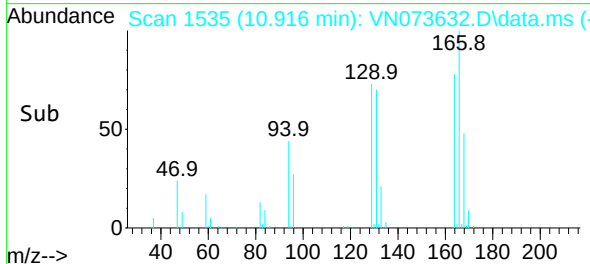
Instrument :
MSVOA_N
ClientSampleId :
VN0729WBSD01



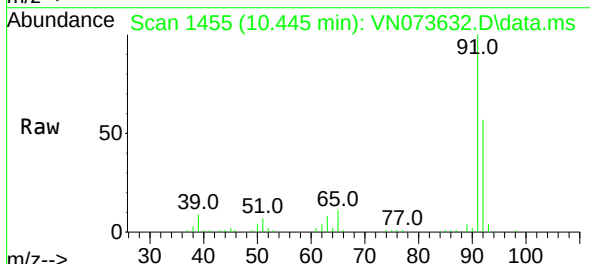
Tgt Ion:164 Resp: 83674
Ion Ratio Lower Upper
164 100
166 127.8 105.8 158.8
129 94.1 82.5 123.7
131 90.2 81.2 121.8

Manual Integrations
APPROVED

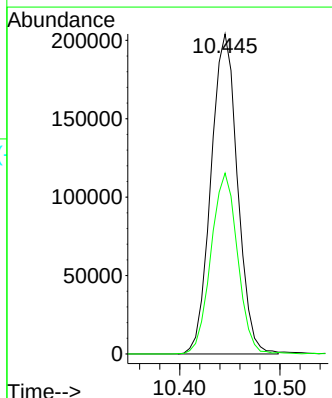
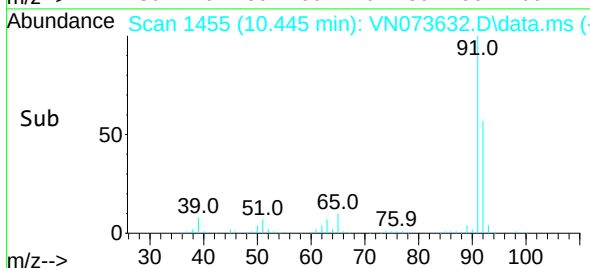
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022

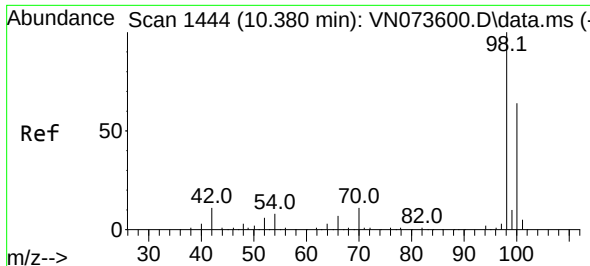


#62
Toluene
Concen: 19.795 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN073632.D
Acq: 29 Jul 2022 14:07



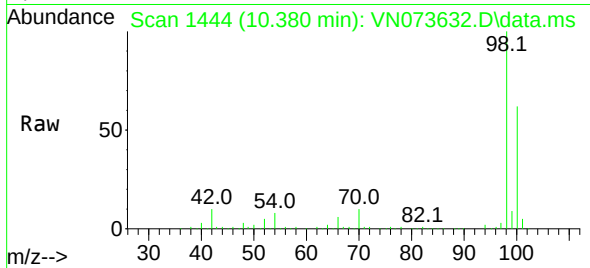
Tgt Ion: 91 Resp: 374924
Ion Ratio Lower Upper
91 100
92 56.5 44.6 67.0





#63
Toluene-d8
Concen: 30.183 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073632.D
Acq: 29 Jul 2022 14:07

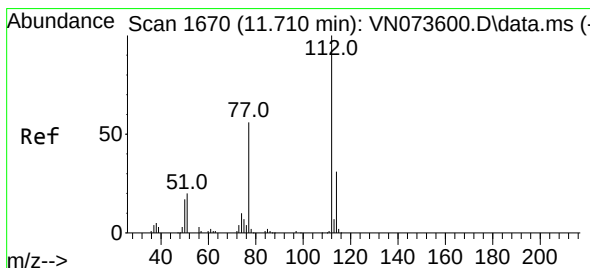
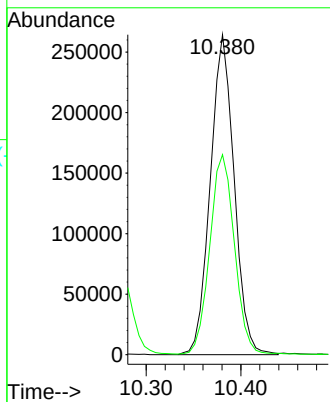
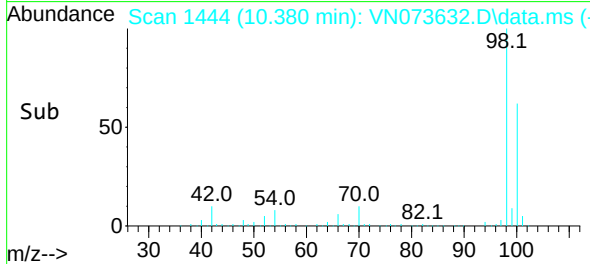
Instrument :
MSVOA_N
ClientSampleId :
VN0729WBSD01



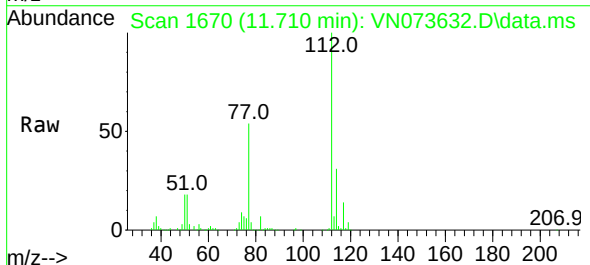
Tgt Ion: 98 Resp: 46288
Ion Ratio Lower Upper
98 100
100 64.0 50.6 76.0

Manual Integrations
APPROVED

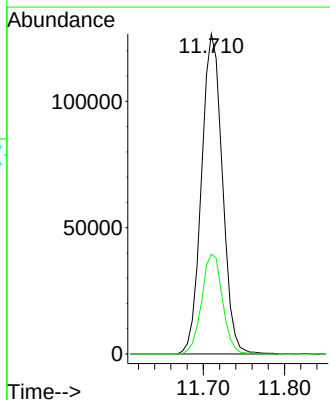
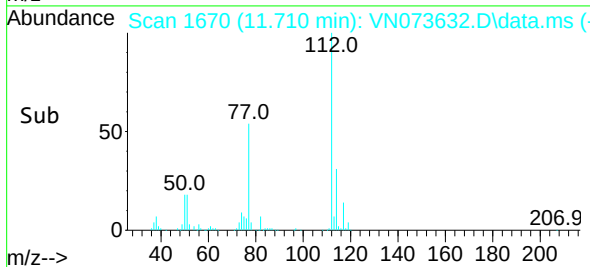
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022

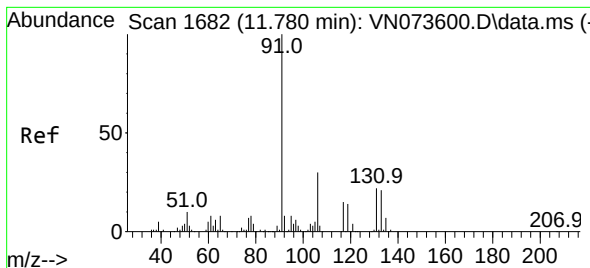


#64
Chlorobenzene
Concen: 19.971 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VN073632.D
Acq: 29 Jul 2022 14:07



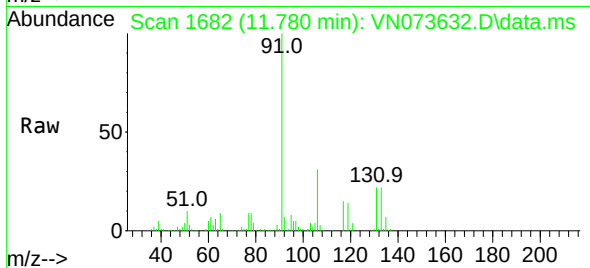
Tgt Ion:112 Resp: 225999
Ion Ratio Lower Upper
112 100
114 31.2 25.8 38.6





#65
1,1,1,2-Tetrachloroethane
Concen: 19.587 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073632.D
Acq: 29 Jul 2022 14:07

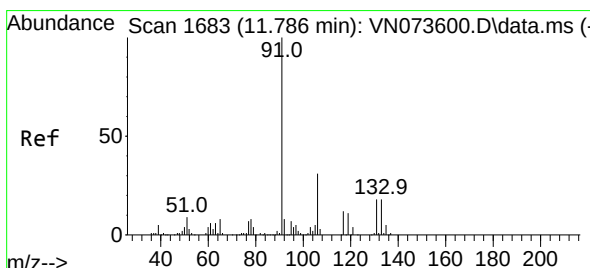
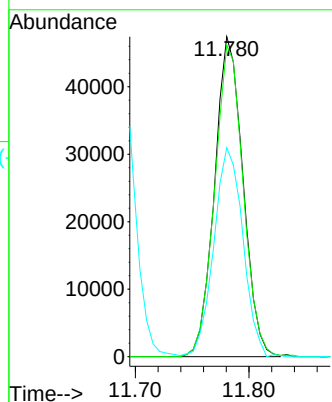
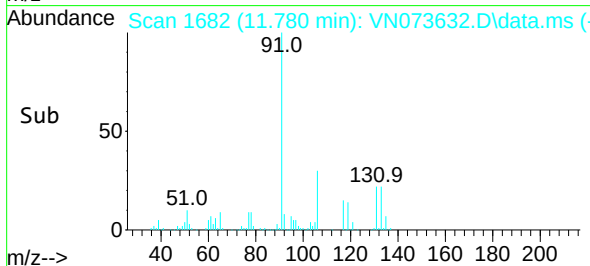
Instrument :
MSVOA_N
ClientSampleId :
VN0729WBSD01



Tgt Ion:131 Resp: 8227
Ion Ratio Lower Upper
131 100
133 97.9 0.0 191.2
119 66.7 0.0 128.8

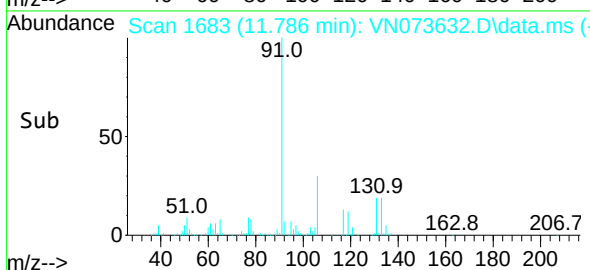
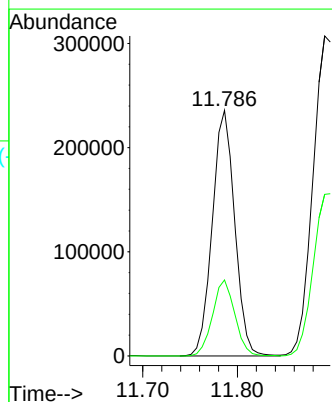
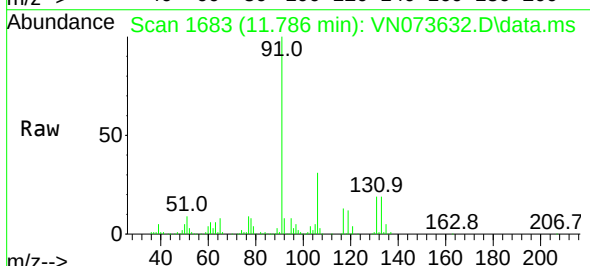
Manual Integrations
APPROVED

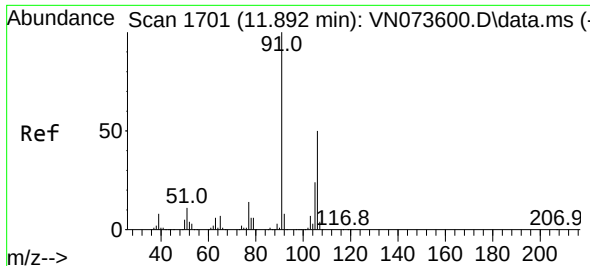
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#66
Ethyl Benzene
Concen: 19.137 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN073632.D
Acq: 29 Jul 2022 14:07

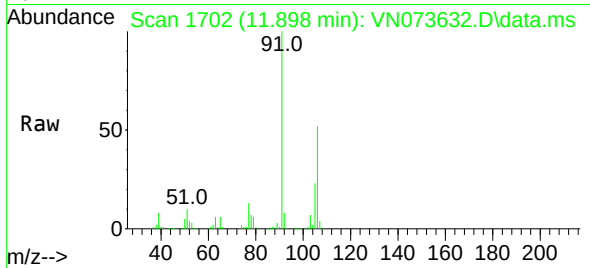
Tgt Ion: 91 Resp: 387483
Ion Ratio Lower Upper
91 100
106 31.0 24.0 36.0





#67
m/p-Xylenes
Concen: 39.151 ug/l
RT: 11.898 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN073632.D
Acq: 29 Jul 2022 14:07

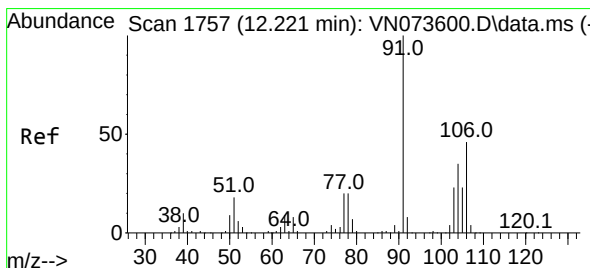
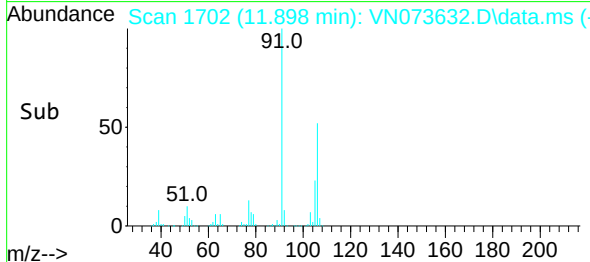
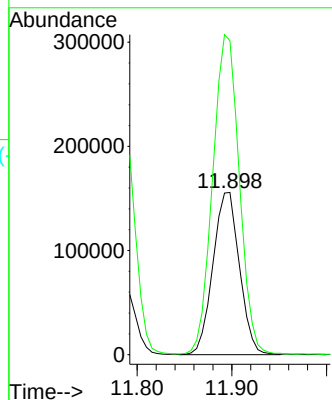
Instrument :
MSVOA_N
ClientSampleId :
VN0729WBSD01



Tgt Ion:106 Resp: 302994
Ion Ratio Lower Upper
106 100
91 198.5 162.9 244.3

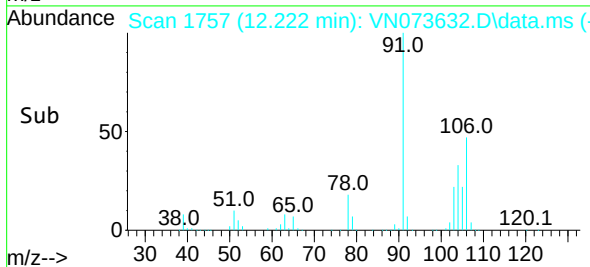
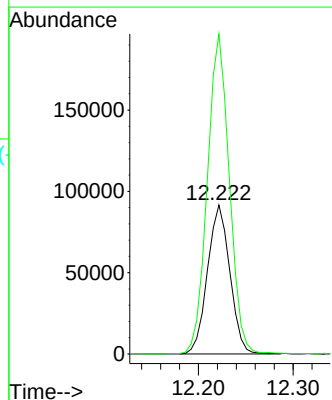
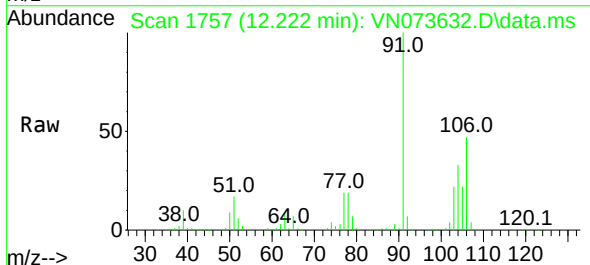
Manual Integrations
APPROVED

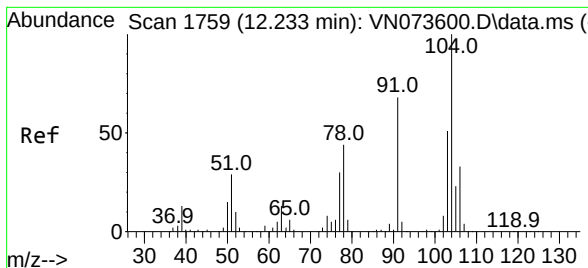
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#68
o-Xylene
Concen: 19.548 ug/l
RT: 12.222 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VN073632.D
Acq: 29 Jul 2022 14:07

Tgt Ion:106 Resp: 150263
Ion Ratio Lower Upper
106 100
91 210.3 107.7 323.1





#69

Styrene

Concen: 19.063 ug/l

RT: 12.233 min Scan# 1759

Delta R.T. 0.000 min

Lab File: VN073632.D

Acq: 29 Jul 2022 14:07

Instrument :

MSVOA_N

ClientSampleId :

VN0729WBSD01

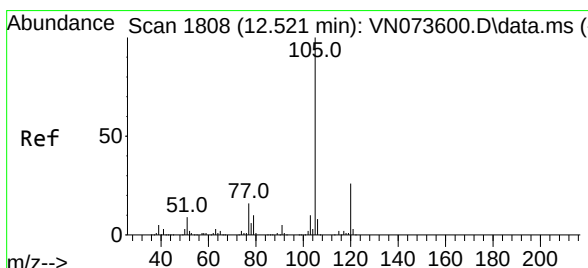
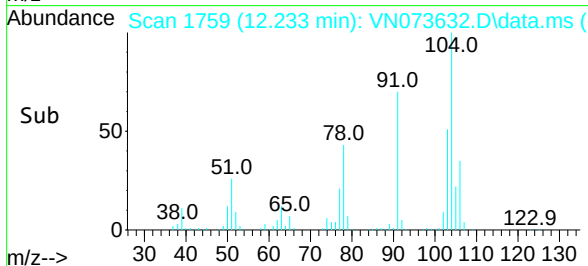
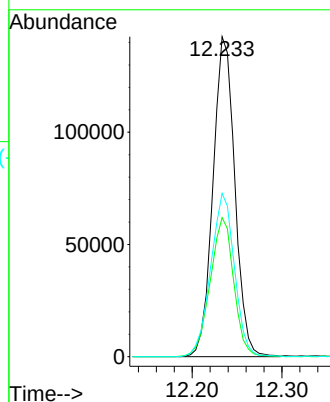
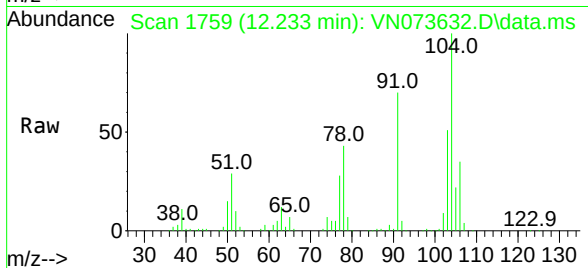
Tgt Ion:104 Resp: 24152
 Ion Ratio Lower Upper
 104 100
 78 46.7 40.7 61.1
 103 55.2 45.8 68.8

Manual Integrations

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Reviewed By :John Carlone 08/01/2022

Supervised By :Mahesh Dadoda 08/01/2022



#70

Isopropylbenzene

Concen: 19.569 ug/l

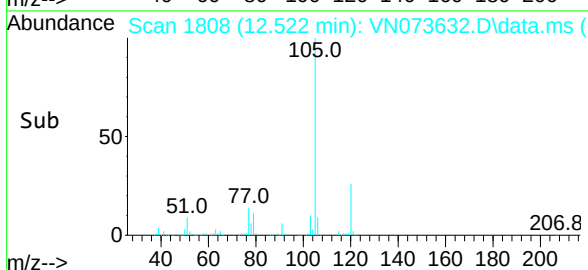
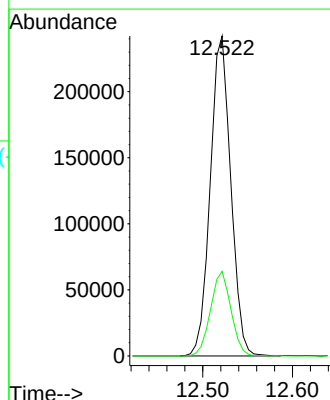
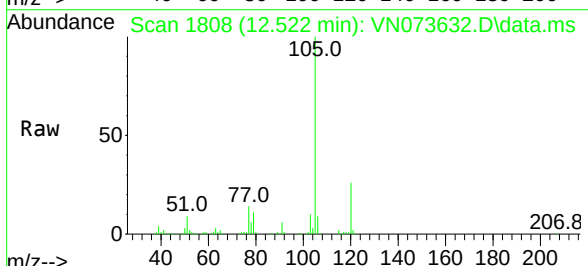
RT: 12.522 min Scan# 1808

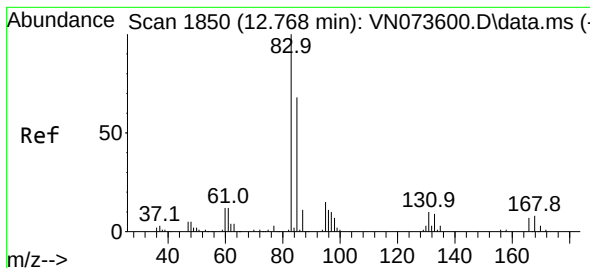
Delta R.T. 0.000 min

Lab File: VN073632.D

Acq: 29 Jul 2022 14:07

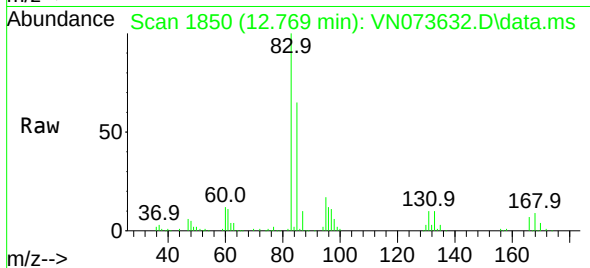
Tgt Ion:105 Resp: 384576
 Ion Ratio Lower Upper
 105 100
 120 26.3 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 20.176 ug/l
RT: 12.769 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VN073632.D
Acq: 29 Jul 2022 14:07

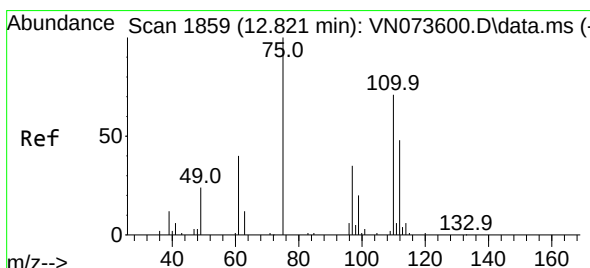
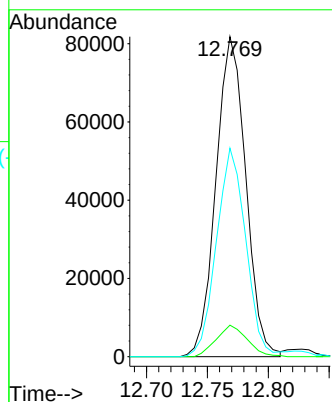
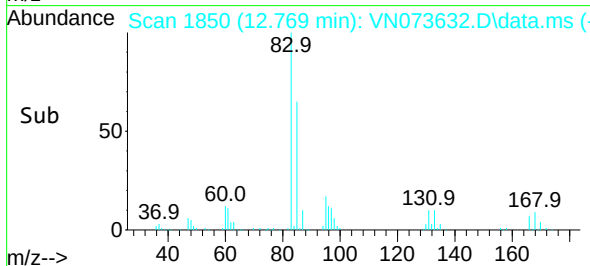
Instrument :
MSVOA_N
ClientSampleId :
VN0729WBSD01



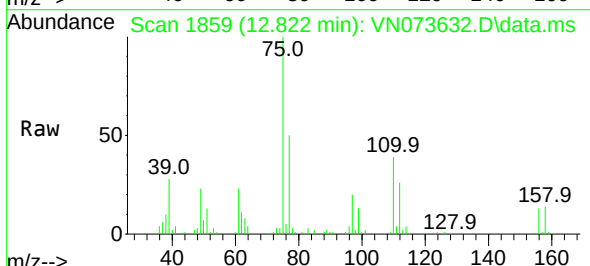
Tgt Ion: 83 Resp: 13942
Ion Ratio Lower Upper
83 100
131 10.2 5.1 15.3
85 63.7 33.1 99.2

Manual Integrations
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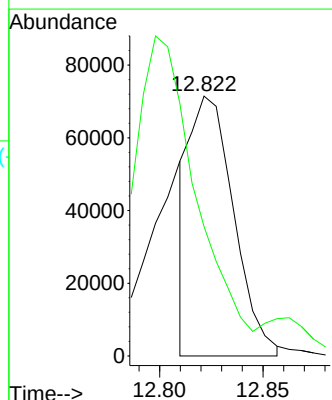
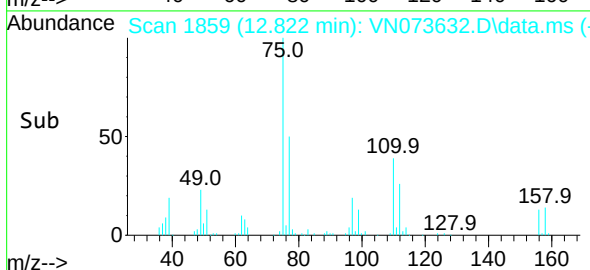
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022

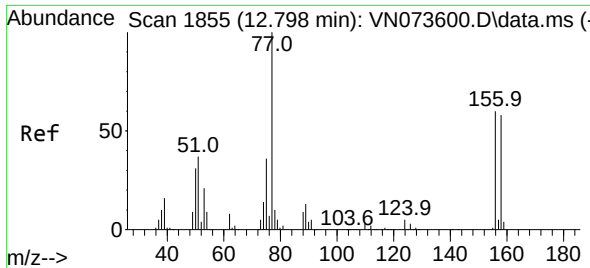


#72
1,2,3-Trichloropropane
Concen: 18.323 ug/l m
RT: 12.822 min Scan# 1859
Delta R.T. 0.000 min
Lab File: VN073632.D
Acq: 29 Jul 2022 14:07



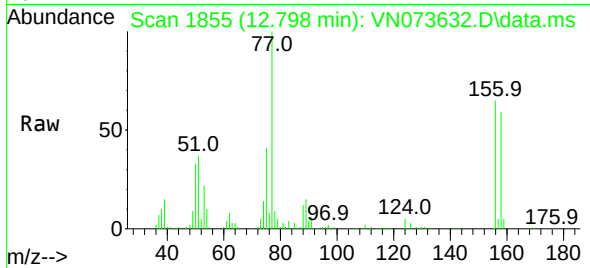
Tgt Ion: 75 Resp: 105744
Ion Ratio Lower Upper
75 100
77 178.0 0.0 378.0





#73
Bromobenzene
Concen: 19.505 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VN073632.D
Acq: 29 Jul 2022 14:07

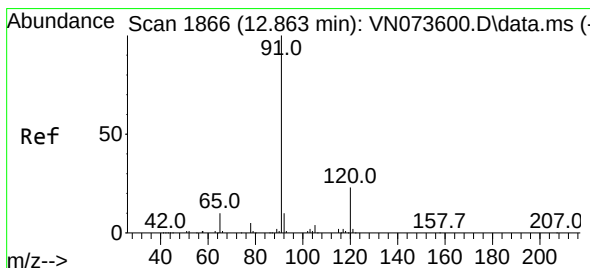
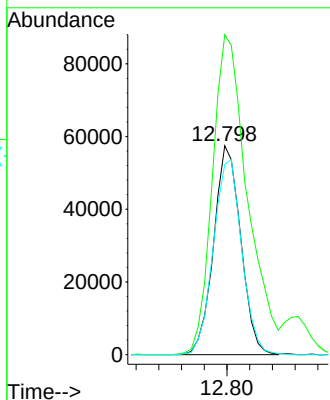
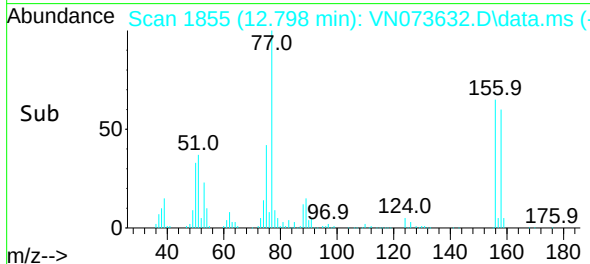
Instrument :
MSVOA_N
ClientSampleId :
VN0729WBSD01



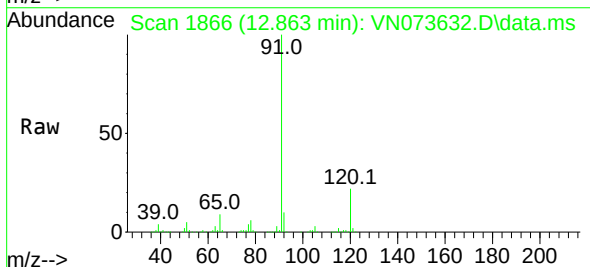
Tgt Ion:156 Resp: 95220
Ion Ratio Lower Upper
156 100
77 197.7 0.0 416.0
158 98.1 0.0 195.4

Manual Integrations
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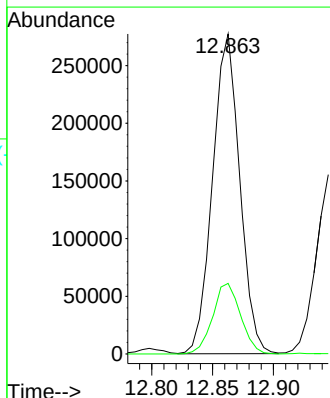
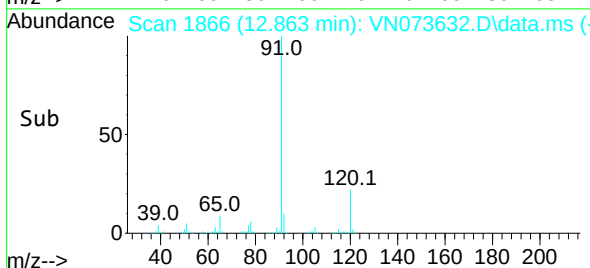
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022

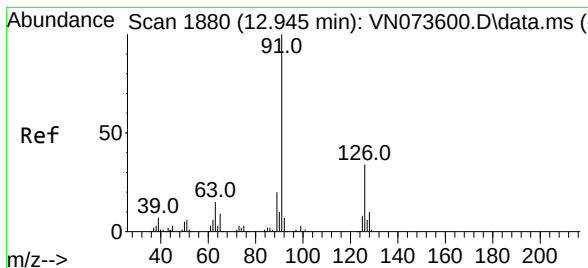


#74
n-propylbenzene
Concen: 18.807 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VN073632.D
Acq: 29 Jul 2022 14:07



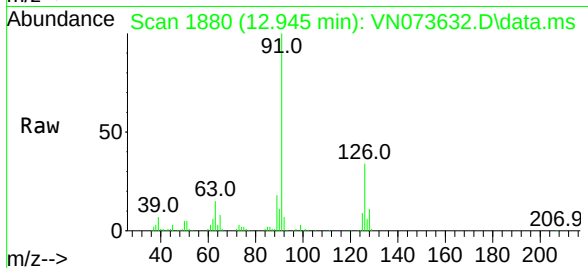
Tgt Ion: 91 Resp: 430132
Ion Ratio Lower Upper
91 100
120 22.7 0.0 45.0





#75
2-Chlorotoluene
Concen: 19.492 ug/l
RT: 12.945 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN073632.D
Acq: 29 Jul 2022 14:07

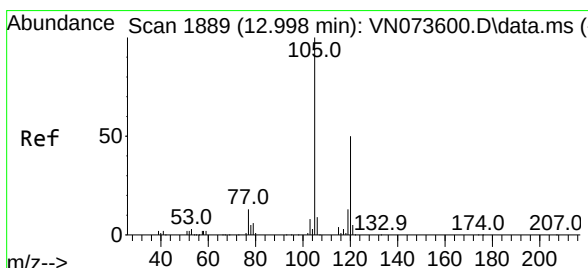
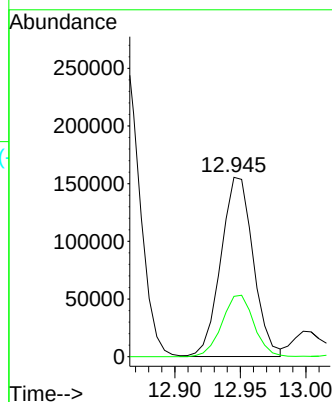
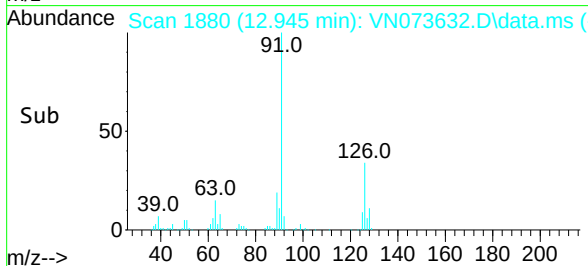
Instrument :
MSVOA_N
ClientSampleId :
VN0729WBSD01



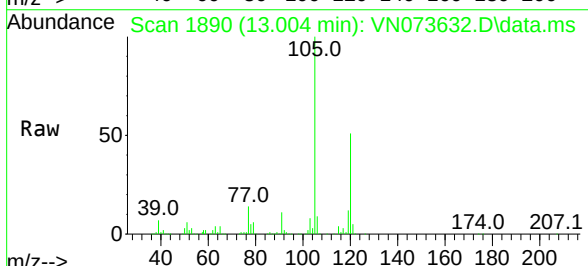
Tgt Ion: 91 Resp: 267238
Ion Ratio Lower Upper
91 100
126 33.8 0.0 69.8

Manual Integrations
APPROVED

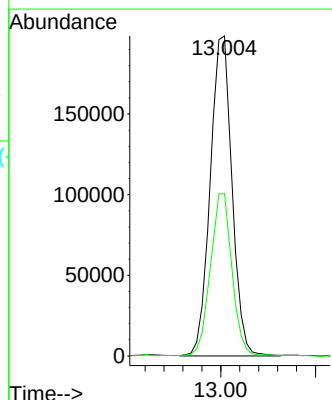
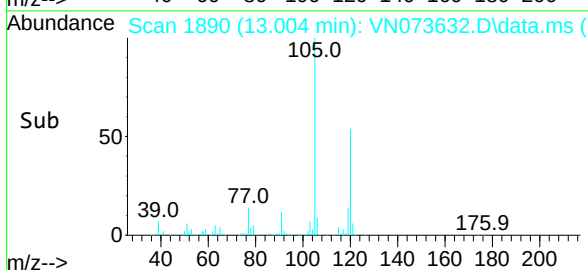
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022

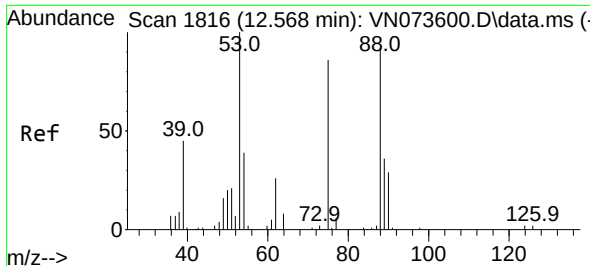


#76
1,3,5-Trimethylbenzene
Concen: 19.242 ug/l
RT: 13.004 min Scan# 1890
Delta R.T. 0.006 min
Lab File: VN073632.D
Acq: 29 Jul 2022 14:07



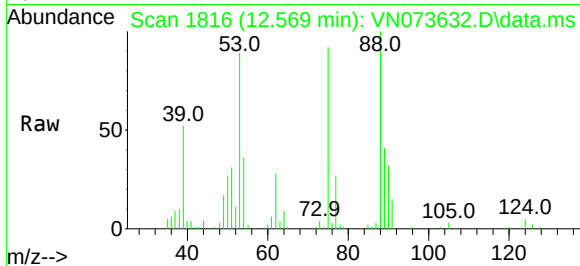
Tgt Ion:105 Resp: 316748
Ion Ratio Lower Upper
105 100
120 50.2 0.0 93.8





#77
t-1,4-Dichloro-2-butene
Concen: 18.395 ug/l
RT: 12.569 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN073632.D
Acq: 29 Jul 2022 14:07

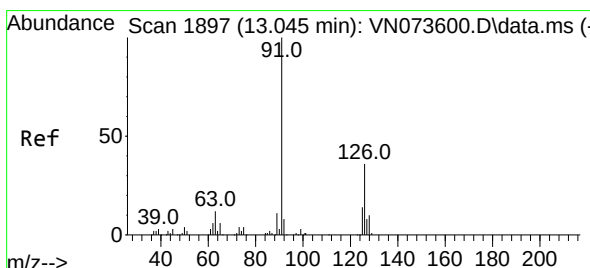
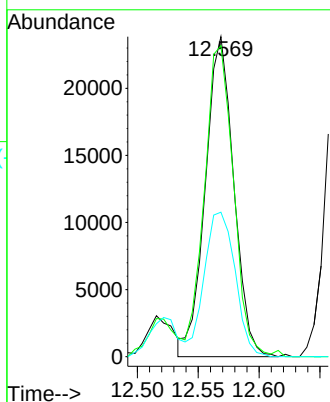
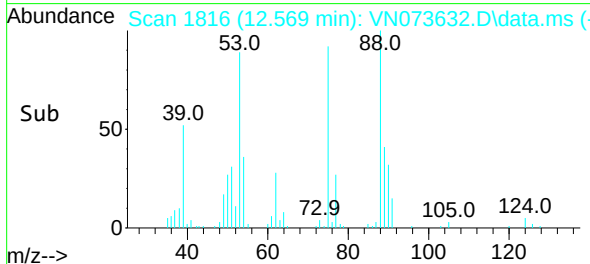
Instrument :
MSVOA_N
ClientSampleId :
VN0729WBSD01



Tgt Ion: 75 Resp: 38689
Ion Ratio Lower Upper
75 100
53 95.2 51.8 155.5
89 45.1 22.9 68.7

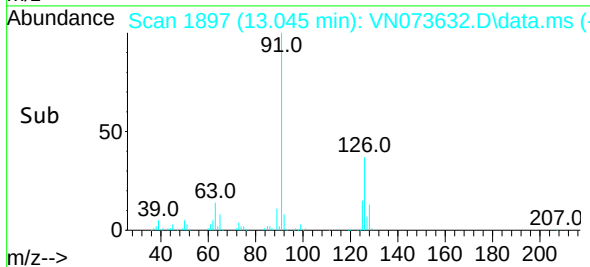
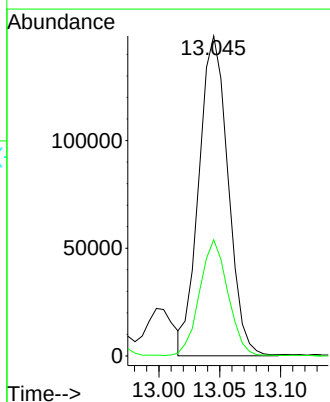
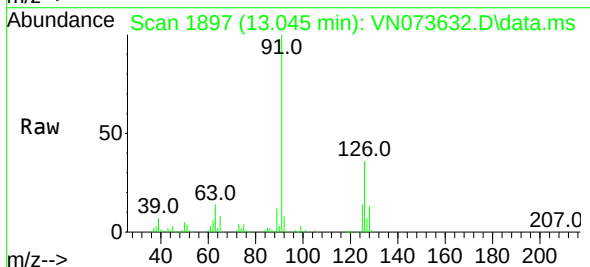
Manual Integrations
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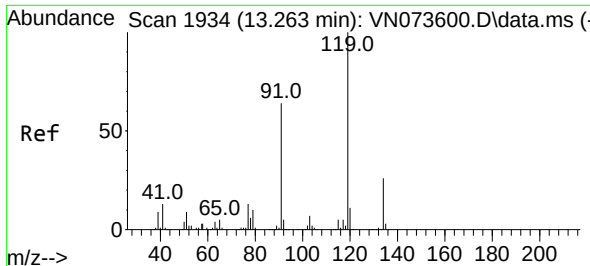
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#78
4-Chlorotoluene
Concen: 18.772 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VN073632.D
Acq: 29 Jul 2022 14:07

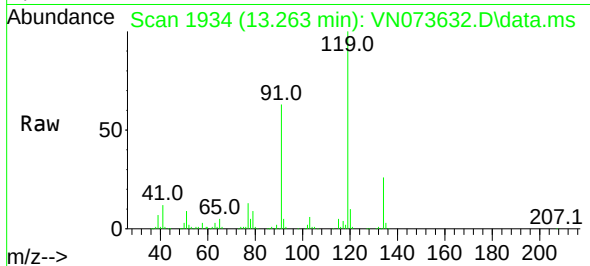
Tgt Ion: 91 Resp: 247239
Ion Ratio Lower Upper
91 100
126 35.3 0.0 70.6





#79
tert-butylbenzene
Concen: 20.282 ug/l
RT: 13.263 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN073632.D
Acq: 29 Jul 2022 14:07

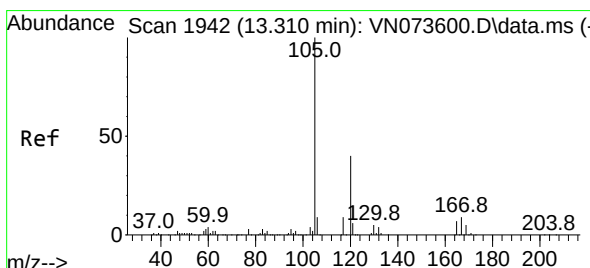
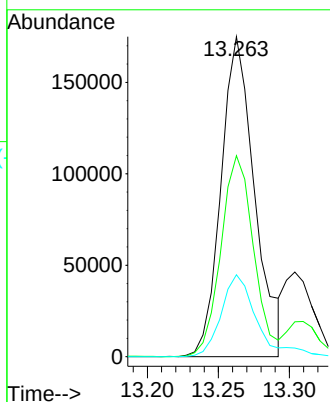
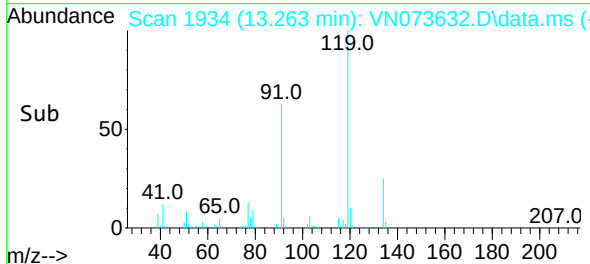
Instrument :
MSVOA_N
ClientSampleId :
VN0729WBSD01



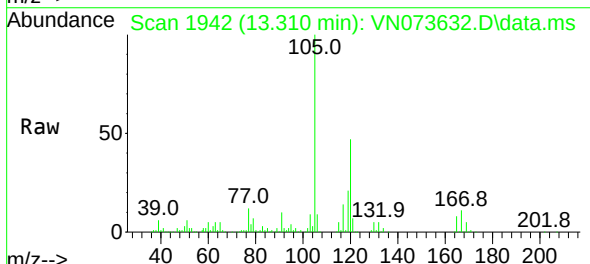
Tgt Ion:119 Resp: 288649
Ion Ratio Lower Upper
119 100
91 61.0 0.0 137.0
134 25.0 0.0 47.6

Manual Integrations
APPROVED

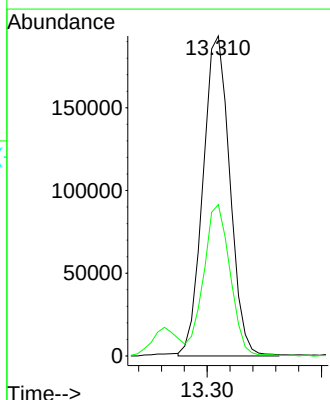
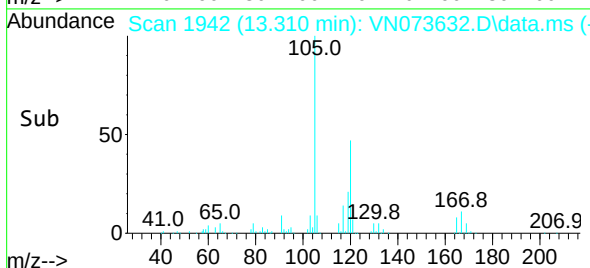
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022

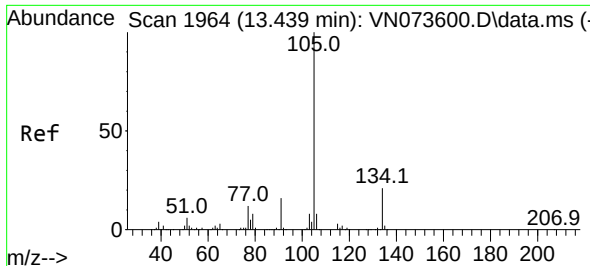


#80
1,2,4-Trimethylbenzene
Concen: 19.377 ug/l m
RT: 13.310 min Scan# 1942
Delta R.T. 0.000 min
Lab File: VN073632.D
Acq: 29 Jul 2022 14:07



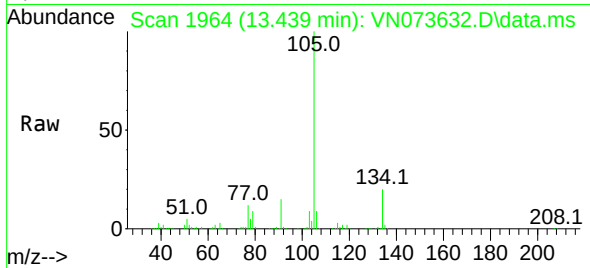
Tgt Ion:105 Resp: 315944
Ion Ratio Lower Upper
105 100
120 0.2 0.0 0.2#





#81
 sec-Butylbenzene
 Concen: 18.521 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VN073632.D
 Acq: 29 Jul 2022 14:07

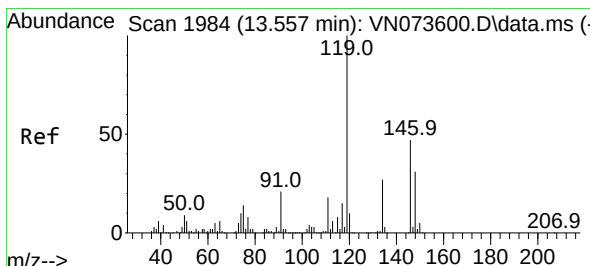
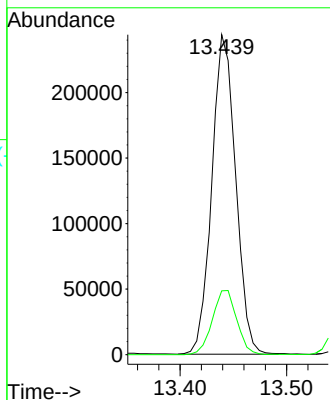
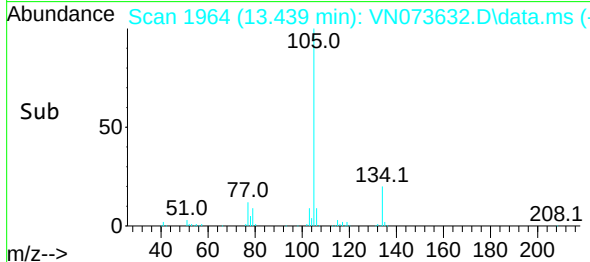
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0729WBSD01



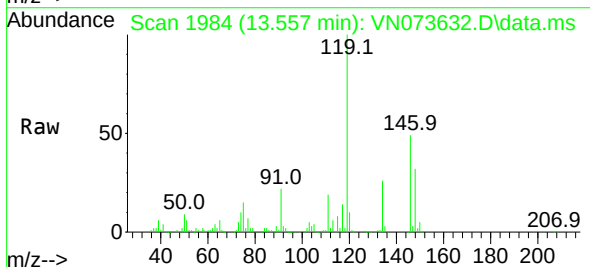
Tgt Ion:105 Resp: 378470
 Ion Ratio Lower Upper
 105 100
 134 20.6 0.0 39.4

Manual Integrations
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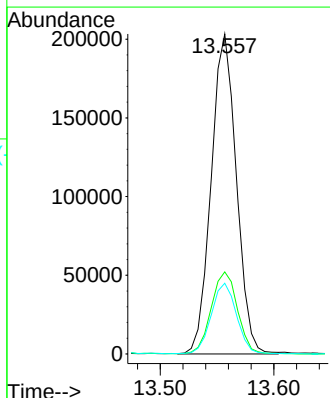
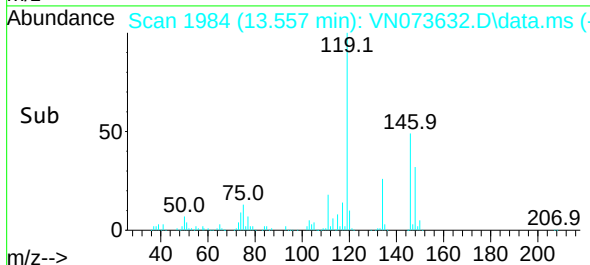
Reviewed By :John Carlone 08/01/2022
 Supervised By :Mahesh Dadoda 08/01/2022

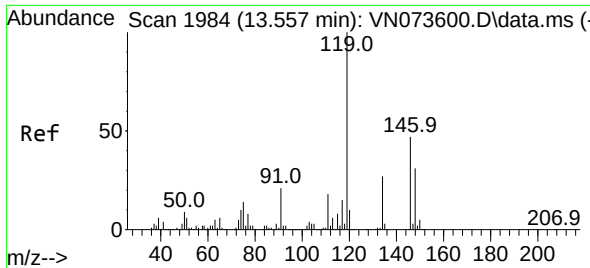


#82
 p-Isopropyltoluene
 Concen: 18.695 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN073632.D
 Acq: 29 Jul 2022 14:07



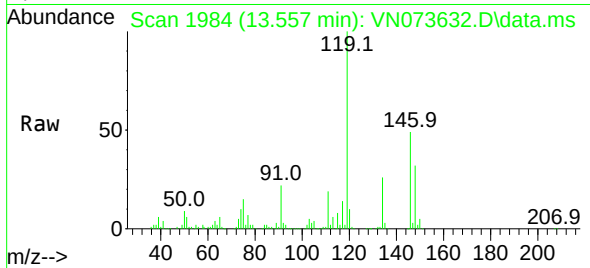
Tgt Ion:119 Resp: 313637
 Ion Ratio Lower Upper
 119 100
 134 26.8 0.0 51.8
 91 22.0 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 19.116 ug/l
RT: 13.557 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VN073632.D
Acq: 29 Jul 2022 14:07

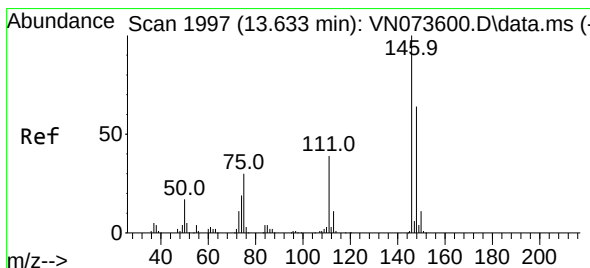
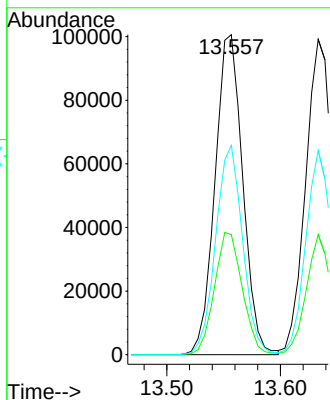
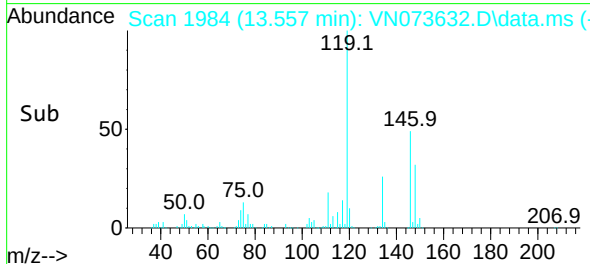
Instrument :
MSVOA_N
ClientSampleId :
VN0729WBSD01



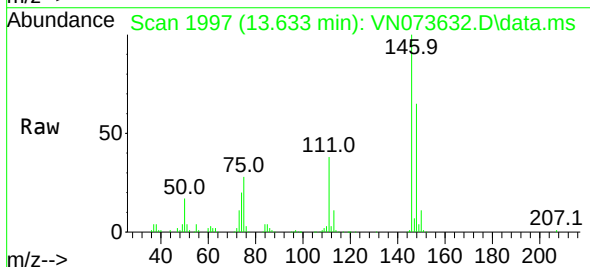
Tgt Ion:146 Resp: 170820
Ion Ratio Lower Upper
146 100
111 38.3 20.8 62.2
148 63.9 31.4 94.3

Manual Integrations
APPROVED

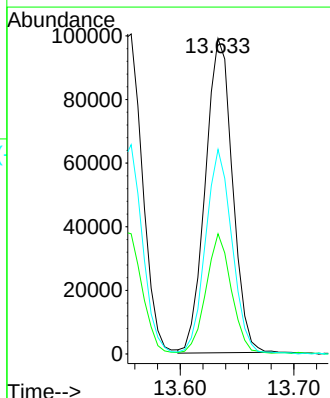
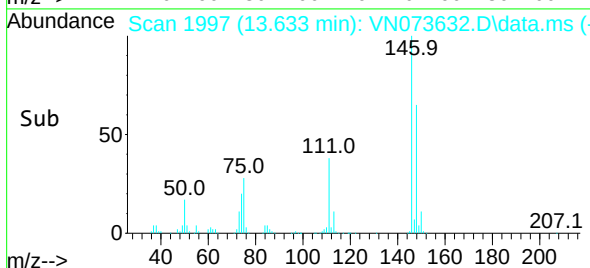
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022

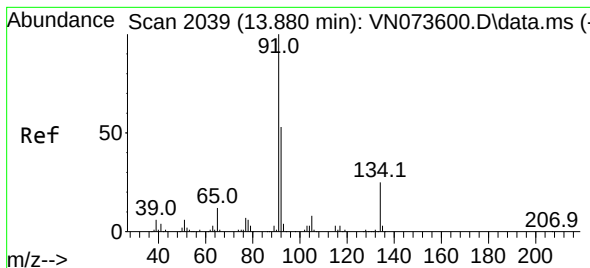


#84
1,4-Dichlorobenzene
Concen: 19.013 ug/l
RT: 13.633 min Scan# 1997
Delta R.T. 0.000 min
Lab File: VN073632.D
Acq: 29 Jul 2022 14:07



Tgt Ion:146 Resp: 163895
Ion Ratio Lower Upper
146 100
111 36.0 19.5 58.5
148 62.4 31.1 93.5





#85

n-Butylbenzene

Concen: 17.150 ug/l

RT: 13.880 min Scan# 2039

Delta R.T. 0.000 min

Lab File: VN073632.D

Acq: 29 Jul 2022 14:07

Instrument :

MSVOA_N

ClientSampleId :

VN0729WBSD01

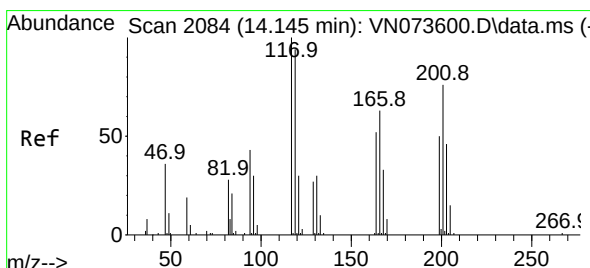
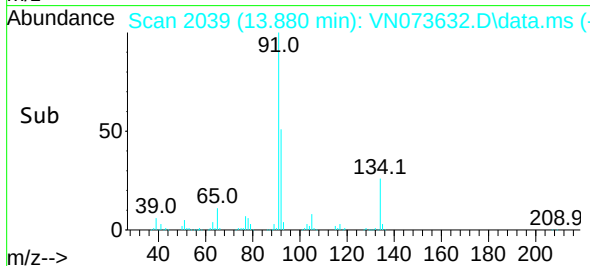
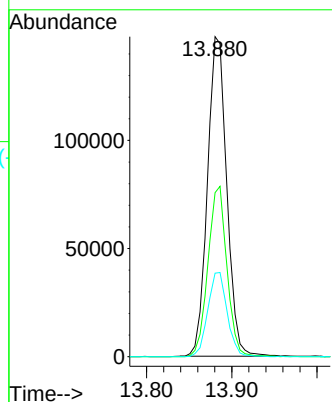
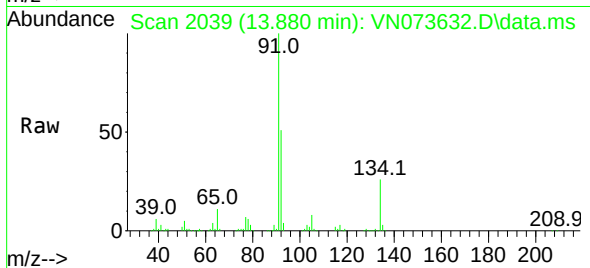
Tgt Ion:	91	Resp:	23323
Ion Ratio	Lower	Upper	
91	100		
92	52.3	0.0	100.6
134	26.4	0.0	50.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2022

Supervised By :Mahesh Dadoda 08/01/2022



#86

Hexachloroethane

Concen: 18.441 ug/l

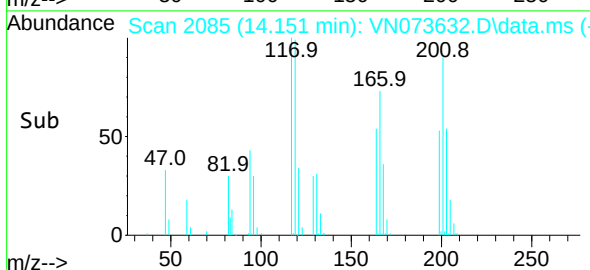
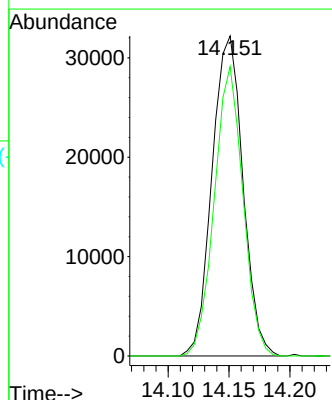
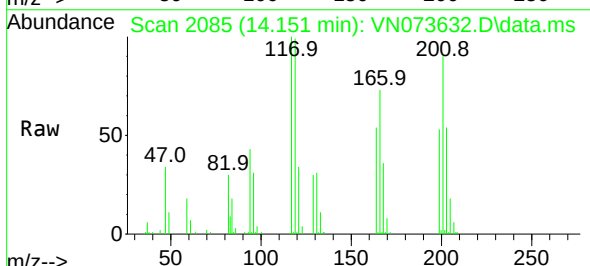
RT: 14.151 min Scan# 2085

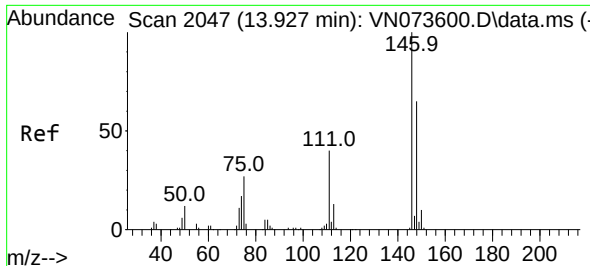
Delta R.T. 0.006 min

Lab File: VN073632.D

Acq: 29 Jul 2022 14:07

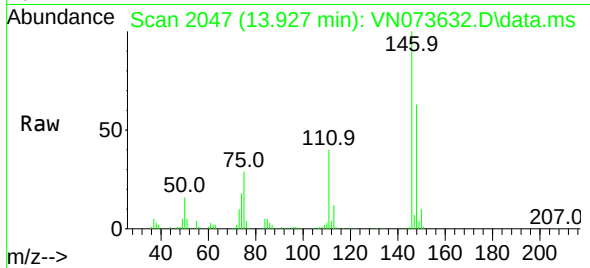
Tgt Ion:	117	Resp:	56737
Ion Ratio	Lower	Upper	
117	100		
201	83.9	33.3	99.8





#87
1,2-Dichlorobenzene
Concen: 19.414 ug/l
RT: 13.927 min Scan# 2047
Delta R.T. 0.000 min
Lab File: VN073632.D
Acq: 29 Jul 2022 14:07

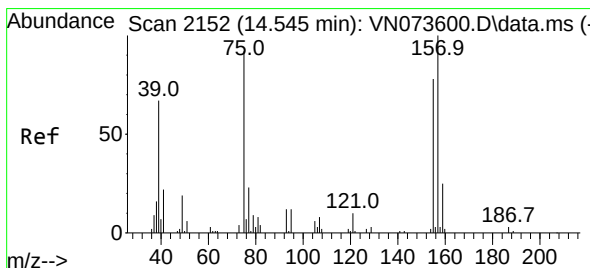
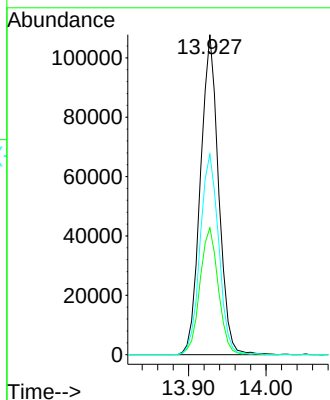
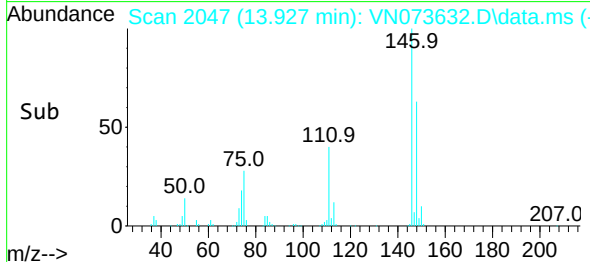
Instrument :
MSVOA_N
ClientSampleId :
VN0729WBSD01



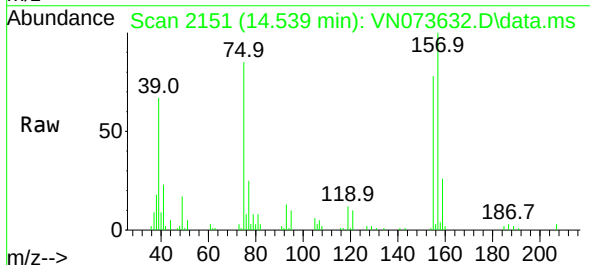
Tgt Ion:146 Resp: 17539
Ion Ratio Lower Upper
146 100
111 40.0 21.4 64.2
148 64.0 32.5 97.4

Manual Integrations
APPROVED

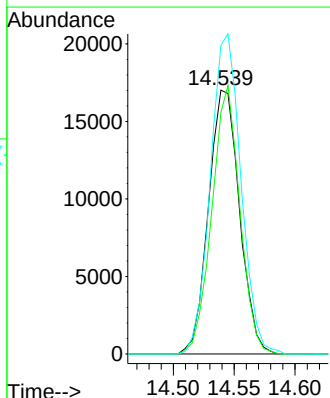
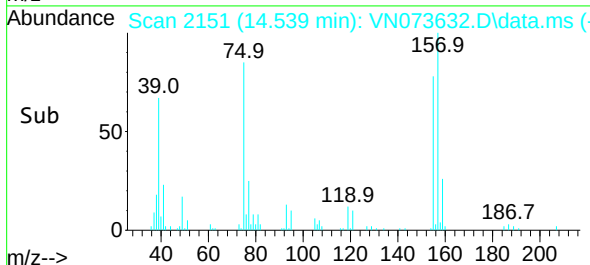
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022

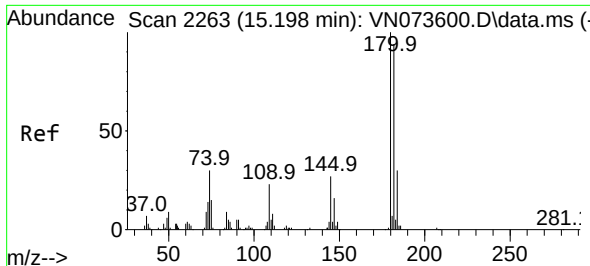


#88
1,2-Dibromo-3-Chloropropane
Concen: 19.956 ug/l
RT: 14.539 min Scan# 2151
Delta R.T. -0.006 min
Lab File: VN073632.D
Acq: 29 Jul 2022 14:07



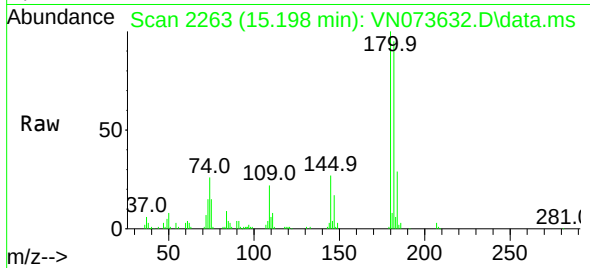
Tgt Ion: 75 Resp: 30121
Ion Ratio Lower Upper
75 100
155 92.0 63.8 95.8
157 119.8 77.9 116.9#





#89
1,2,4-Trichlorobenzene
Concen: 18.167 ug/l
RT: 15.198 min Scan# 2263
Delta R.T. 0.000 min
Lab File: VN073632.D
Acq: 29 Jul 2022 14:07

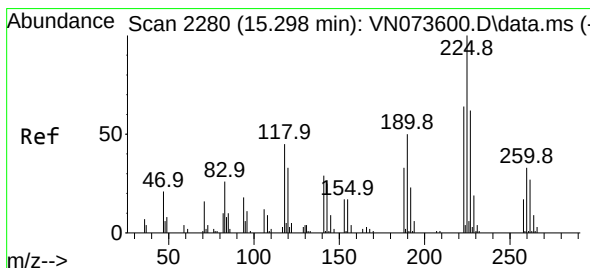
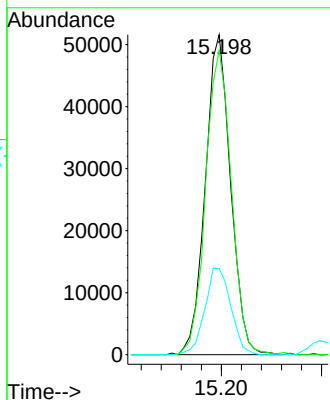
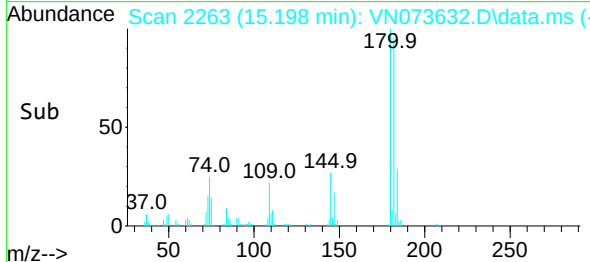
Instrument :
MSVOA_N
ClientSampleId :
VN0729WBSD01



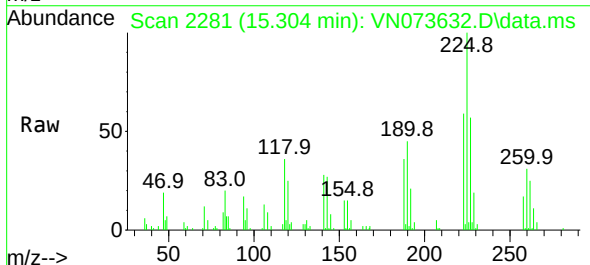
Tgt Ion:180 Resp: 90330
Ion Ratio Lower Upper
180 100
182 96.7 77.7 116.5
145 27.8 26.6 39.8

Manual Integrations
APPROVED

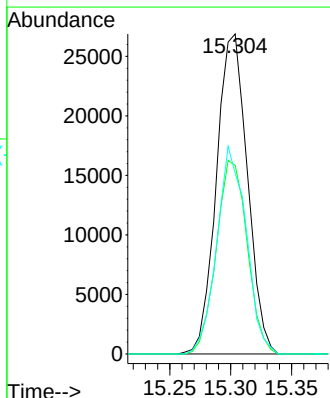
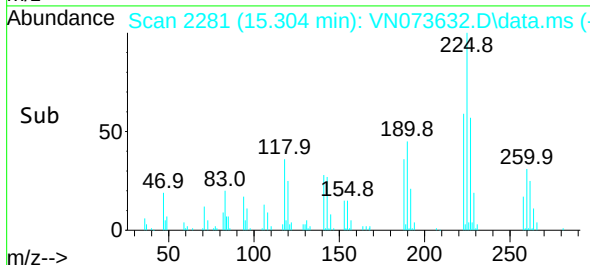
Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022

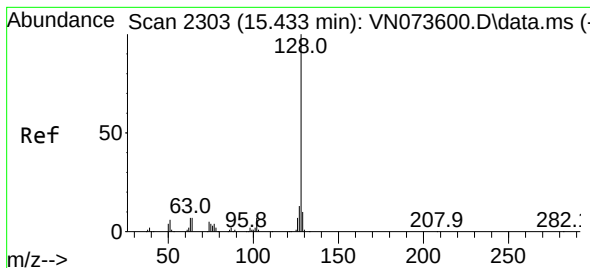


#90
Hexachlorobutadiene
Concen: 18.873 ug/l
RT: 15.304 min Scan# 2281
Delta R.T. 0.006 min
Lab File: VN073632.D
Acq: 29 Jul 2022 14:07



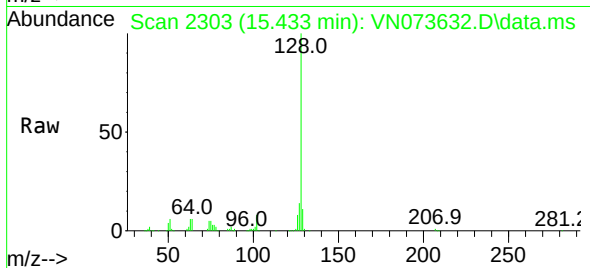
Tgt Ion:225 Resp: 47532
Ion Ratio Lower Upper
225 100
223 60.3 0.0 126.8
227 61.8 0.0 123.0





#91
Naphthalene
Concen: 20.016 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN073632.D
Acq: 29 Jul 2022 14:07

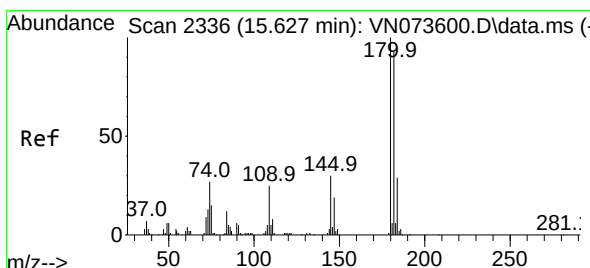
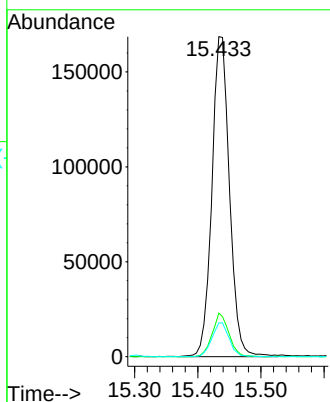
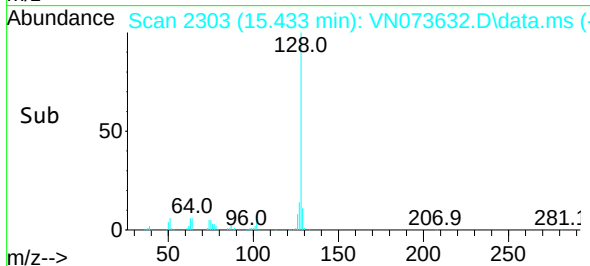
Instrument :
MSVOA_N
ClientSampleId :
VN0729WBSD01



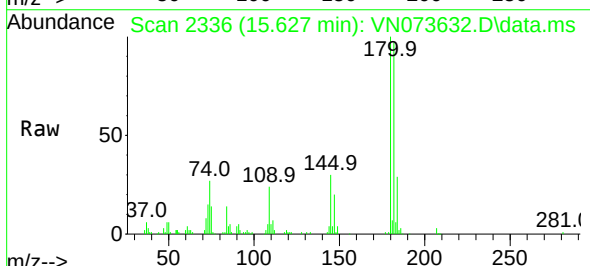
Tgt Ion:128 Resp: 326809
Ion Ratio Lower Upper
128 100
127 12.8 10.7 16.1
129 10.4 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/01/2022
Supervised By :Mahesh Dadoda 08/01/2022



#92
1,2,3-Trichlorobenzene
Concen: 19.174 ug/l
RT: 15.627 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VN073632.D
Acq: 29 Jul 2022 14:07



Tgt Ion:180 Resp: 97943
Ion Ratio Lower Upper
180 100
182 94.7 0.0 190.0
145 29.8 0.0 67.8

