

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070822\
 Data File : VN073406.D
 Acq On : 08 Jul 2022 20:35
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Jul 09 05:30:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	214706	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	390093	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	358358	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	169043	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	169641	54.731	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.460%			
35) Dibromofluoromethane	7.951	113	134933	51.990	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.980%			
50) Toluene-d8	10.380	98	467953	50.766	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.540%			
62) 4-Bromofluorobenzene	12.669	95	187843	53.028	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.060%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	155640	49.582	ug/l	98
3) Chloromethane	2.269	50	142008	46.598	ug/l	99
4) Vinyl Chloride	2.405	62	123442	47.672	ug/l	99
5) Bromomethane	2.787	94	54200	44.316	ug/l	97
6) Chloroethane	2.957	64	77372	50.795	ug/l	96
7) Trichlorofluoromethane	3.310	101	214348	47.882	ug/l	99
8) Diethyl Ether	3.769	74	98562	54.086	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.140	101	130759	49.434	ug/l	96
10) Methyl Iodide	4.351	142	139422	44.339	ug/l	96
11) Tert butyl alcohol	5.293	59	233580	311.091	ug/l	100
12) 1,1-Dichloroethene	4.110	96	128463	50.826	ug/l	96
13) Acrolein	3.981	56	133206	280.680	ug/l	95
14) Allyl chloride	4.763	41	278847	52.370	ug/l #	91
15) Acrylonitrile	5.475	53	583892	302.086	ug/l	100
16) Acetone	4.222	43	539124	309.875	ug/l	97
17) Carbon Disulfide	4.457	76	305902	46.675	ug/l	99
18) Methyl Acetate	4.775	43	292498	59.992	ug/l #	89
19) Methyl tert-butyl Ether	5.540	73	503580	54.666	ug/l	97
20) Methylene Chloride	5.016	84	154489	50.527	ug/l	91
21) trans-1,2-Dichloroethene	5.516	96	133195	50.434	ug/l	97
22) Diisopropyl ether	6.410	45	563119	56.677	ug/l	96
23) Vinyl Acetate	6.351	43	2496383	280.628	ug/l #	94
24) 1,1-Dichloroethane	6.304	63	279598	54.379	ug/l	100
25) 2-Butanone	7.257	43	868301	313.470	ug/l #	88
26) 2,2-Dichloropropane	7.251	77	174741	36.746	ug/l	99
27) cis-1,2-Dichloroethene	7.251	96	166029	51.913	ug/l	97
28) Bromochloromethane	7.587	49	130620	60.659	ug/l	82
29) Tetrahydrofuran	7.610	42	583398	307.593	ug/l #	85
30) Chloroform	7.745	83	281305	54.320	ug/l	96
31) Cyclohexane	8.022	56	242067	47.686	ug/l	86
32) 1,1,1-Trichloroethane	7.939	97	248007	53.739	ug/l	99
36) 1,1-Dichloropropene	8.151	75	196592	49.229	ug/l	98
37) Ethyl Acetate	7.340	43	331253	54.898	ug/l #	94
38) Carbon Tetrachloride	8.134	117	202736	49.092	ug/l	99
39) Methylcyclohexane	9.392	83	229129	46.086	ug/l	93
40) Benzene	8.392	78	616882	50.054	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	145255	49.636	ug/l	92
42) 1,2-Dichloroethane	8.463	62	230389	51.570	ug/l	97
43) Isopropyl Acetate	8.492	43	478755	55.207	ug/l #	92
44) Trichloroethene	9.151	130	152483	48.618	ug/l	91
45) 1,2-Dichloropropane	9.428	63	161264	51.337	ug/l	96
46) Dibromomethane	9.516	93	108297	50.775	ug/l	92
47) Bromodichloromethane	9.698	83	218910	52.992	ug/l	97
48) Methyl methacrylate	9.498	41	213634	53.206	ug/l	88
49) 1,4-Dioxane	9.504	88	87799	1151.857	ug/l #	91
51) 4-Methyl-2-Pentanone	10.269	43	1615922	293.839	ug/l	90
52) Toluene	10.445	92	375282	49.272	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	231241	50.849	ug/l	99
54) cis-1,3-Dichloropropene	10.128	75	246287	50.164	ug/l #	91
55) 1,1,2-Trichloroethane	10.839	97	158704	50.614	ug/l	99
56) Ethyl methacrylate	10.704	69	274509	54.164	ug/l #	86
57) 1,3-Dichloropropane	10.986	76	276987	51.531	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	611322	270.463	ug/l	94
59) 2-Hexanone	11.027	43	1246151	297.269	ug/l	89
60) Dibromochloromethane	11.175	129	163427	54.666	ug/l	99
61) 1,2-Dibromoethane	11.286	107	165372	52.802	ug/l	99
64) Tetrachloroethene	10.916	164	135611	46.343	ug/l	94
65) Chlorobenzene	11.710	112	393522	48.554	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	148396	49.779	ug/l	99
67) Ethyl Benzene	11.786	91	731604	49.722	ug/l	99
68) m/p-Xylenes	11.892	106	549032	98.871	ug/l	95
69) o-Xylene	12.222	106	276341	48.747	ug/l	96
70) Styrene	12.233	104	457189	52.237	ug/l	99
71) Bromoform	12.398	173	119457	54.764	ug/l #	98
73) Isopropylbenzene	12.522	105	719709	49.304	ug/l	99
74) N-amyl acetate	12.327	43	373419	51.088	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.769	83	252625	52.152	ug/l	100
76) 1,2,3-Trichloropropane	12.821	75	225767m	51.077	ug/l	
77) Bromobenzene	12.798	156	163983	48.317	ug/l	85
78) n-propylbenzene	12.863	91	831229	51.258	ug/l	97
79) 2-Chlorotoluene	12.945	91	511150	49.802	ug/l	96
80) 1,3,5-Trimethylbenzene	12.998	105	592466	49.795	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.569	75	77314	47.969	ug/l	93
82) 4-Chlorotoluene	13.045	91	489555	49.268	ug/l	96
83) tert-Butylbenzene	13.263	119	526256	49.335	ug/l	95
84) 1,2,4-Trimethylbenzene	13.304	105	591406	49.785	ug/l	96
85) sec-Butylbenzene	13.439	105	730161	50.977	ug/l	98
86) p-Isopropyltoluene	13.557	119	590688	51.051	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	292308	48.009	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	292754	47.988	ug/l	98
89) n-Butylbenzene	13.880	91	491851	51.013	ug/l	99
90) Hexachloroethane	14.145	117	109790	50.915	ug/l	86
91) 1,2-Dichlorobenzene	13.927	146	301633	48.632	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	65057	55.257	ug/l	88
93) 1,2,4-Trichlorobenzene	15.192	180	157851	48.878	ug/l	99
94) Hexachlorobutadiene	15.298	225	67651	47.123	ug/l	99
95) Naphthalene	15.433	128	633868	48.653	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	162438	48.759	ug/l	98

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ClientSampleId :
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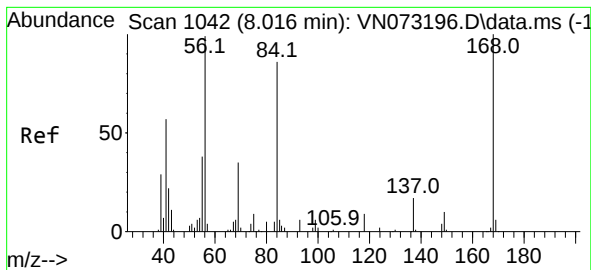
Manual Integrations
APPROVED

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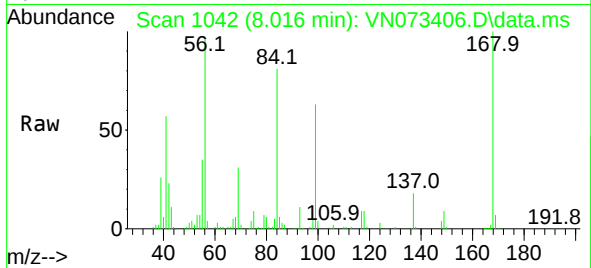
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073406.D
Acq: 08 Jul 2022 20:35

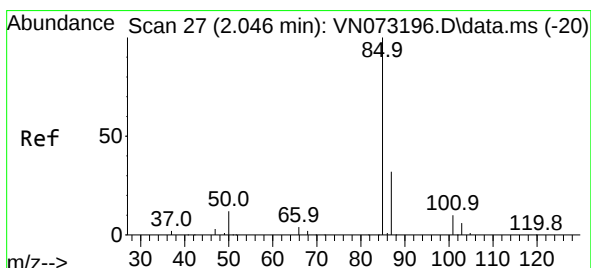
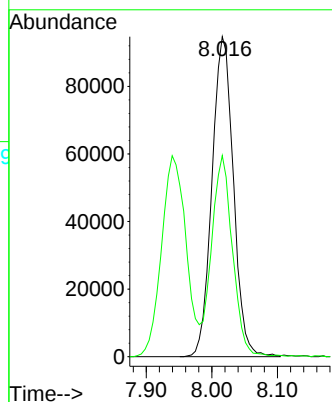
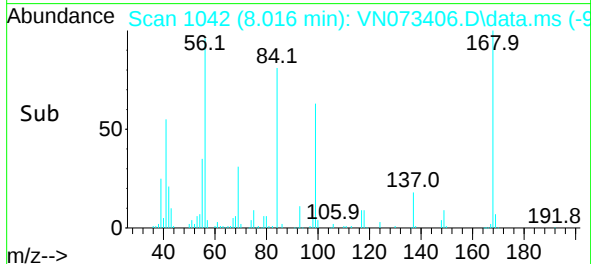
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 214700
Ion Ratio Lower Upper
168 100
99 62.5 42.3 63.5

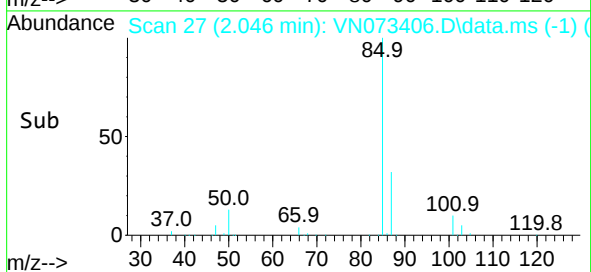
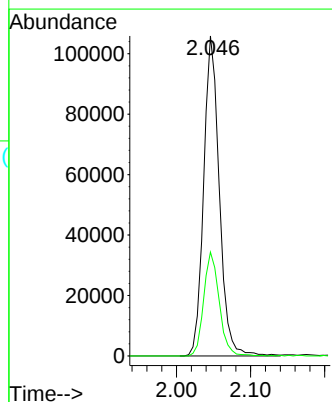
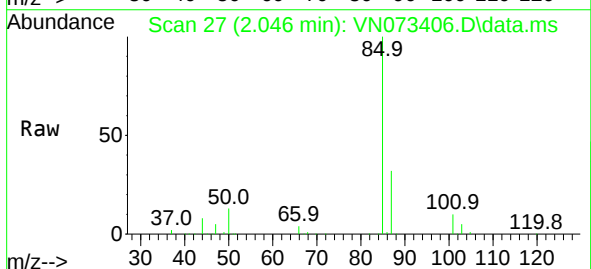
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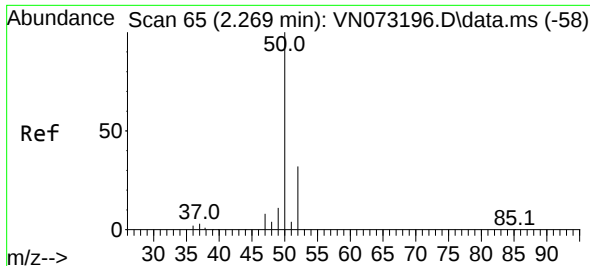
Reviewed By :John Carlone 07/11/2022
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#2
Dichlorodifluoromethane
Concen: 49.582 ug/l
RT: 2.046 min Scan# 27
Delta R.T. -0.000 min
Lab File: VN073406.D
Acq: 08 Jul 2022 20:35

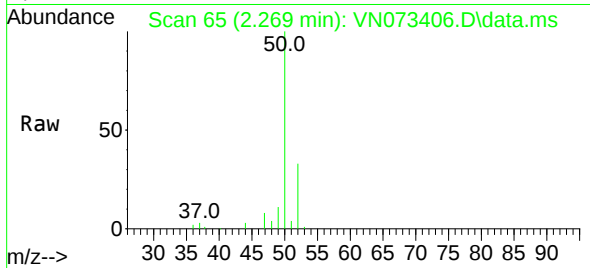
Tgt Ion: 85 Resp: 155640
Ion Ratio Lower Upper
85 100
87 32.4 15.7 47.1





#3
Chloromethane
Concen: 46.598 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN073406.D
Acq: 08 Jul 2022 20:35

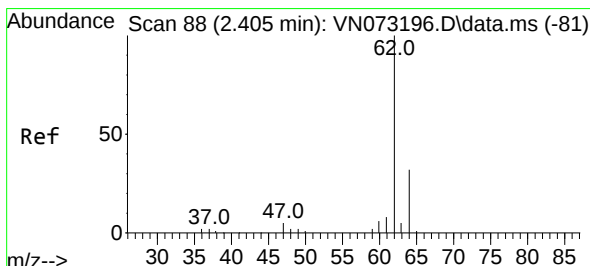
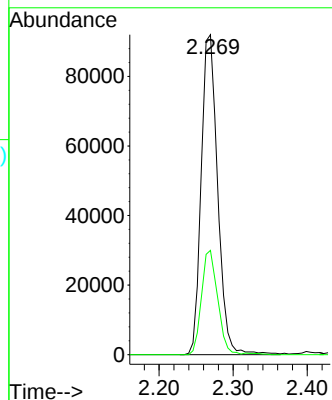
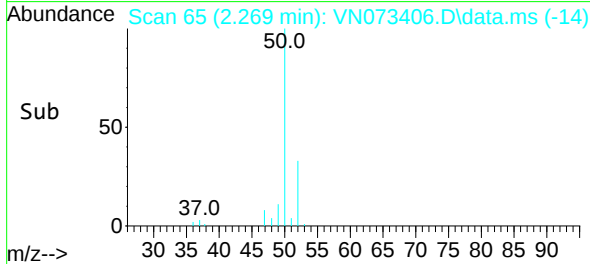
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Tgt Ion: 50 Resp: 142008
Ion Ratio Lower Upper
50 100
52 32.6 25.7 38.5

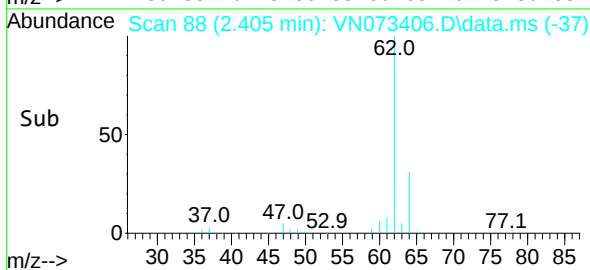
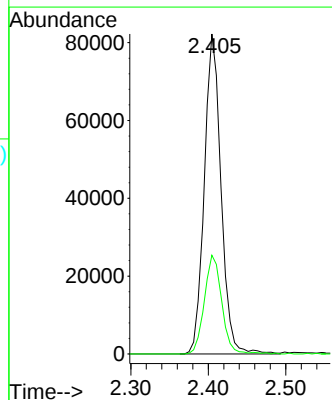
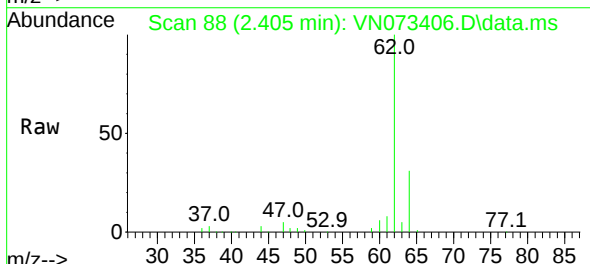
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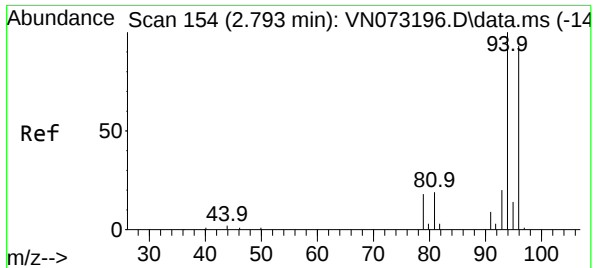
Reviewed By :John Carlone 07/11/2022
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#4
Vinyl Chloride
Concen: 47.672 ug/l
RT: 2.405 min Scan# 88
Delta R.T. -0.000 min
Lab File: VN073406.D
Acq: 08 Jul 2022 20:35

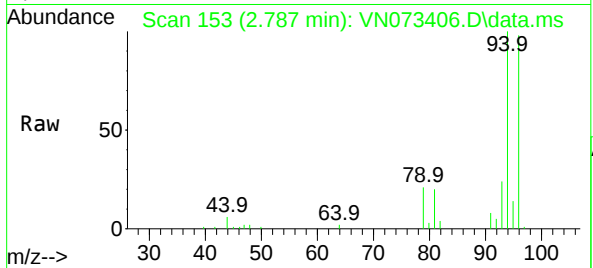
Tgt Ion: 62 Resp: 123442
Ion Ratio Lower Upper
62 100
64 30.8 25.0 37.4





#5
Bromomethane
Concen: 44.316 ug/l
RT: 2.787 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN073406.D
Acq: 08 Jul 2022 20:35

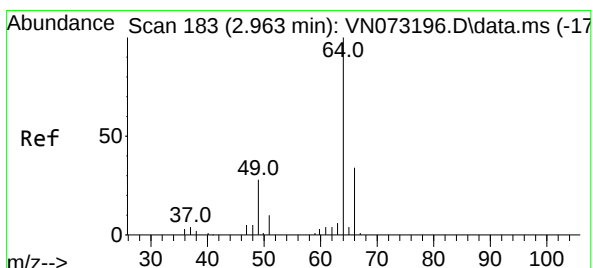
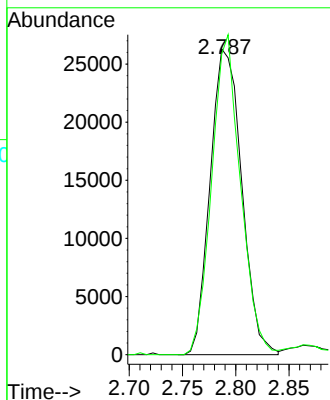
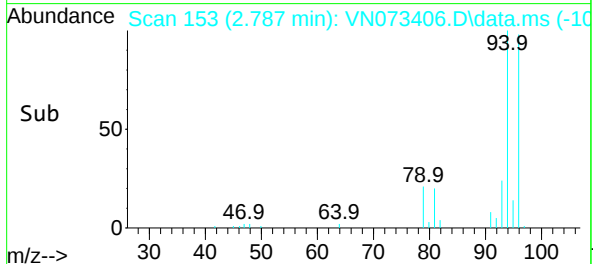
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Tgt Ion: 94 Resp: 54200
Ion Ratio Lower Upper
94 100
96 98.3 76.0 114.0

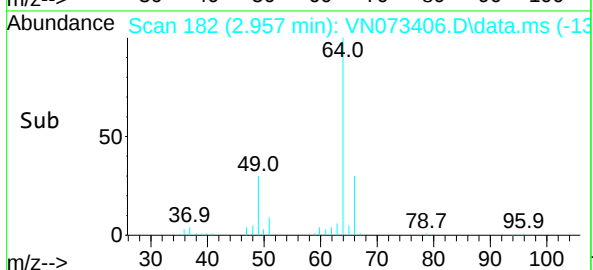
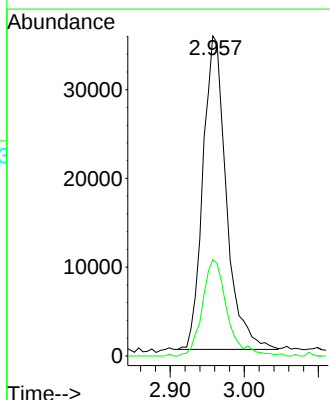
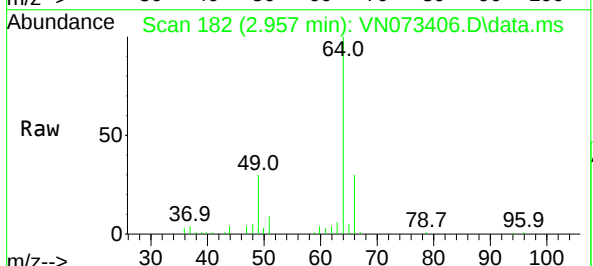
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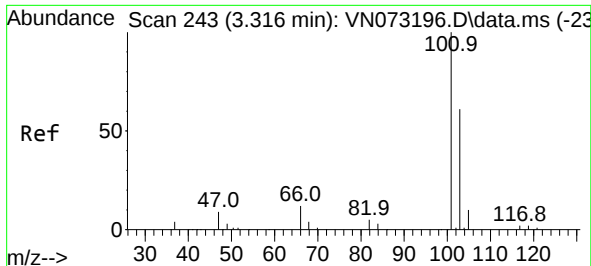
Reviewed By :John Carlone 07/11/2022
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#6
Chloroethane
Concen: 50.795 ug/l
RT: 2.957 min Scan# 182
Delta R.T. -0.006 min
Lab File: VN073406.D
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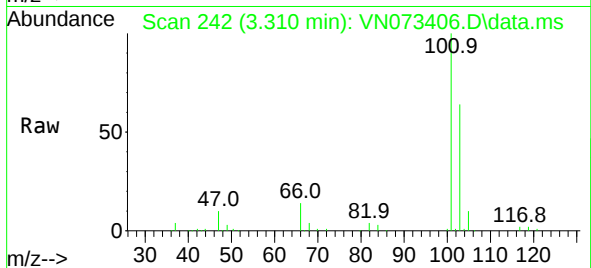
Tgt Ion: 64 Resp: 77372
Ion Ratio Lower Upper
64 100
66 30.7 26.2 39.4





#7
Trichlorofluoromethane
Concen: 47.882 ug/l
RT: 3.310 min Scan# 243
Delta R.T. -0.006 min
Lab File: VN073406.D
Acq: 08 Jul 2022 20:35

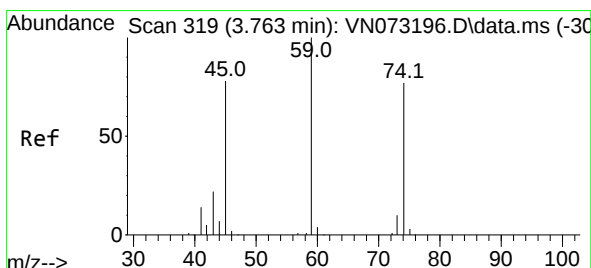
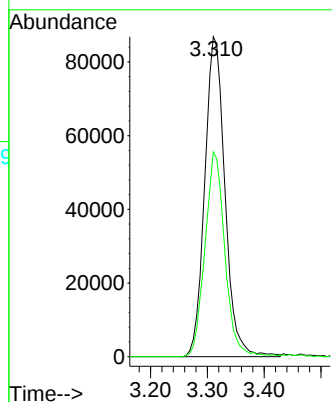
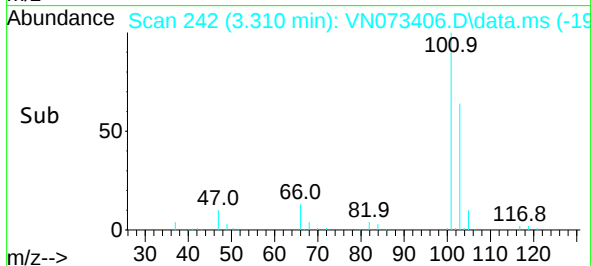
Instrument :
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Tgt Ion:101 Resp: 21434
Ion Ratio Lower Upper
101 100
103 64.0 51.5 77.3

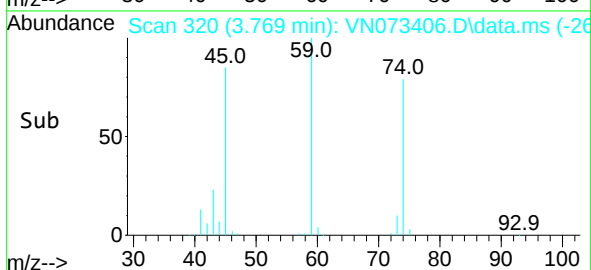
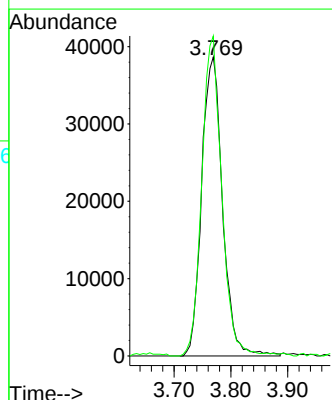
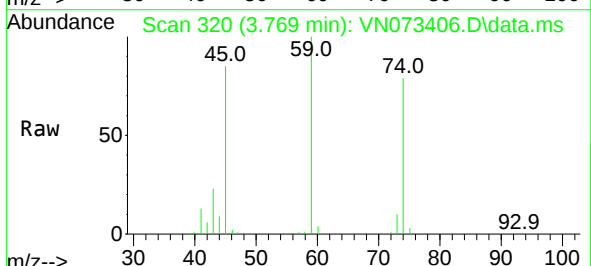
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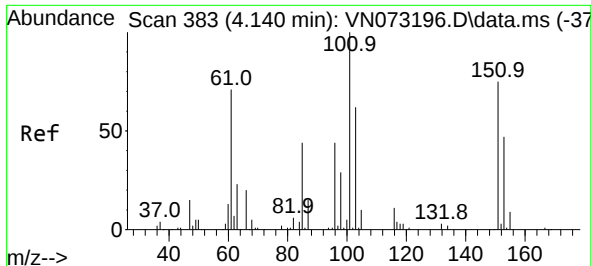
Reviewed By :John Carlone 07/11/2022
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#8
Diethyl Ether
Concen: 54.086 ug/l
RT: 3.769 min Scan# 320
Delta R.T. 0.006 min
Lab File: VN073406.D
Acq: 08 Jul 2022 20:35

Tgt Ion: 74 Resp: 98562
Ion Ratio Lower Upper
74 100
45 101.8 42.9 128.5





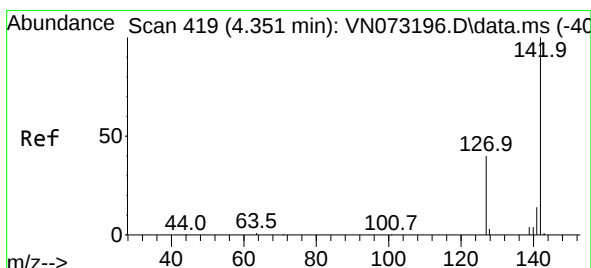
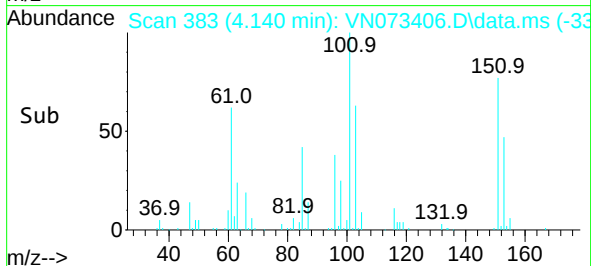
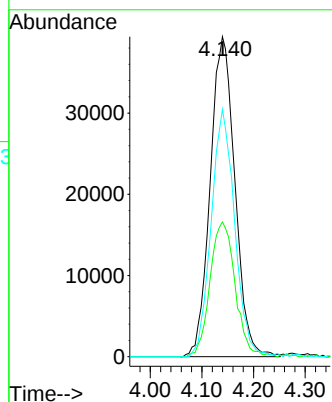
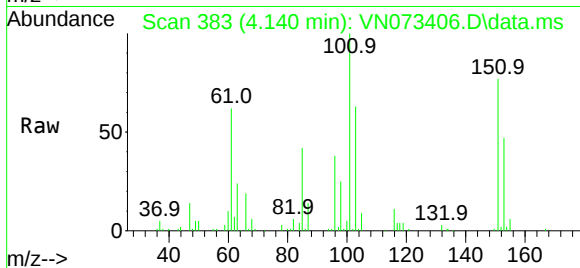
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.434 ug/l
RT: 4.140 min Scan# 383
Delta R.T. -0.000 min
Lab File: VN073406.D
Acq: 08 Jul 2022 20:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 130759
Ion Ratio Lower Upper
101 100
85 42.6 34.7 52.1
151 73.5 63.0 94.4

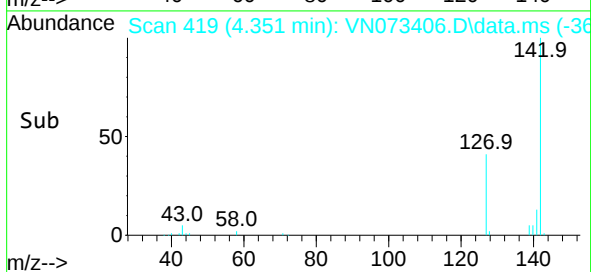
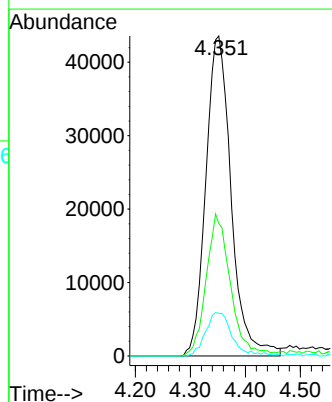
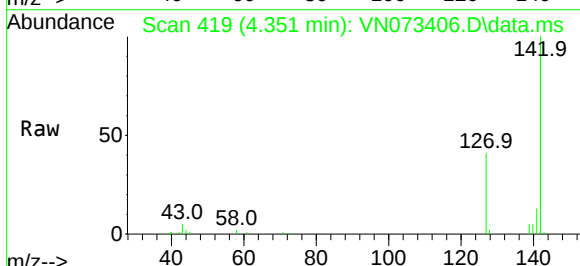
Manual Integrations
APPROVED

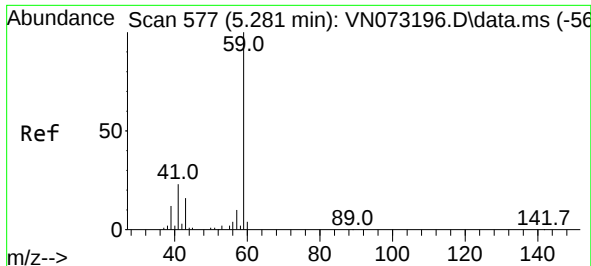
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#10
Methyl Iodide
Concen: 44.339 ug/l
RT: 4.351 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN073406.D
Acq: 08 Jul 2022 20:35

Tgt Ion:142 Resp: 139422
Ion Ratio Lower Upper
142 100
127 42.6 31.3 46.9
141 14.2 11.2 16.8





#11

Tert butyl alcohol

Concen: 311.091 ug/l

RT: 5.293 min Scan# 51

Delta R.T. 0.012 min

Lab File: VN073406.D

Acq: 08 Jul 2022 20:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 233580

Ion Ratio Lower Upper

59 100

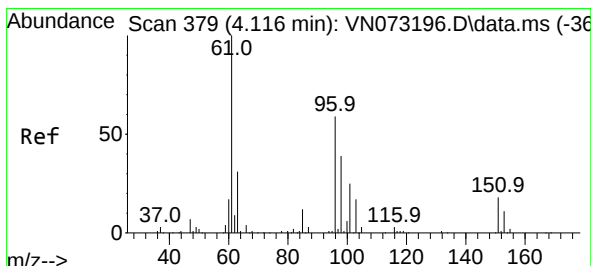
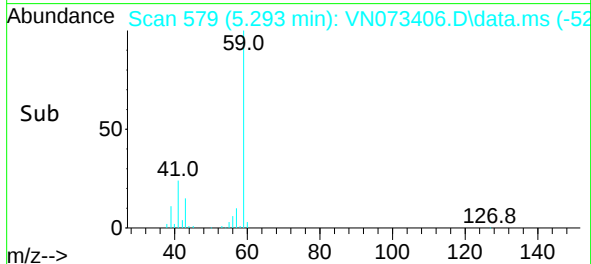
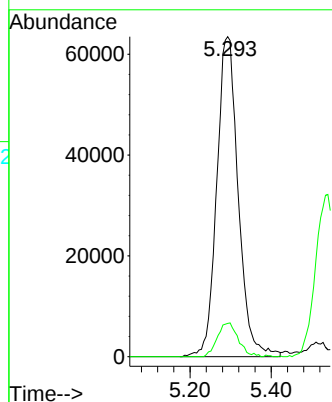
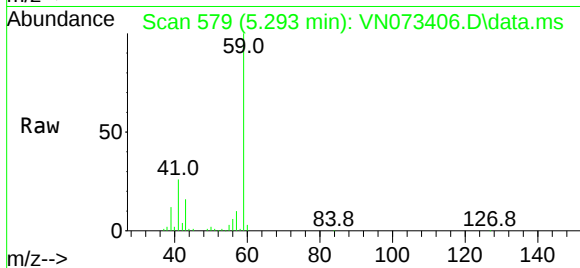
57 10.3 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#12

1,1-Dichloroethene

Concen: 50.826 ug/l

RT: 4.110 min Scan# 378

Delta R.T. -0.006 min

Lab File: VN073406.D

Acq: 08 Jul 2022 20:35

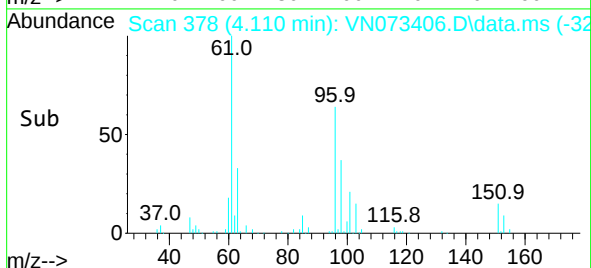
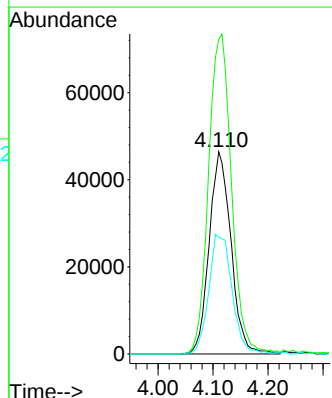
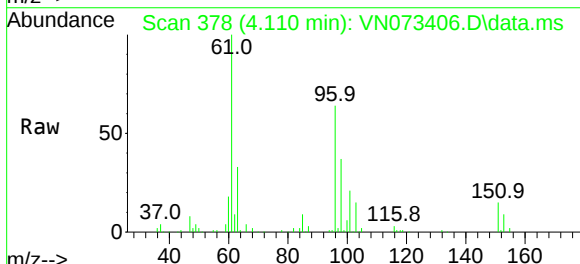
Tgt Ion: 96 Resp: 128463

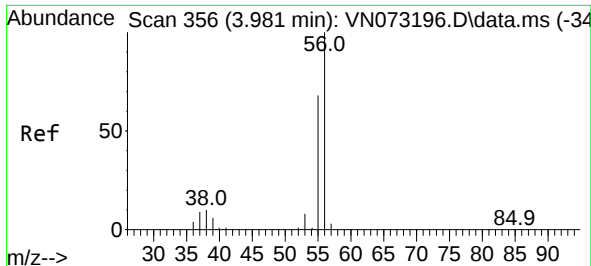
Ion Ratio Lower Upper

96 100

61 155.5 127.6 191.4

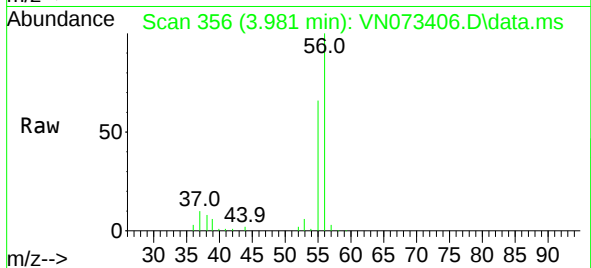
98 57.7 51.2 76.8





#13
Acrolein
Concen: 280.680 ug/l
RT: 3.981 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN073406.D
Acq: 08 Jul 2022 20:35

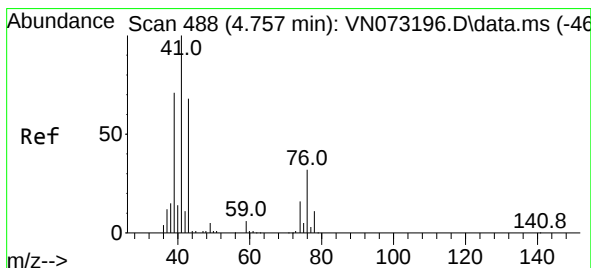
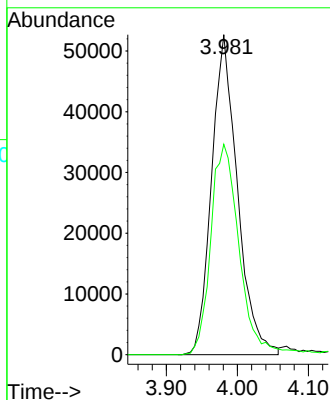
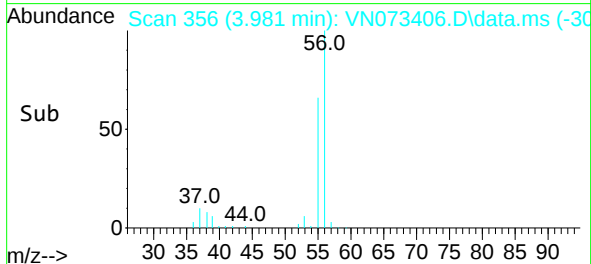
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 133200
Ion Ratio Lower Upper
56 100
55 72.5 54.8 82.2

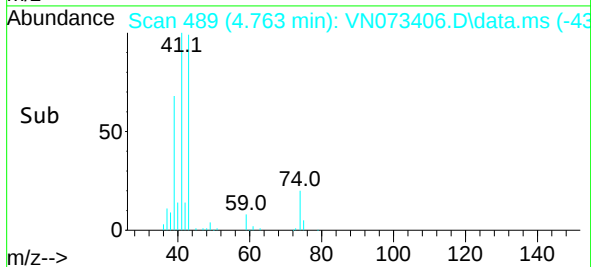
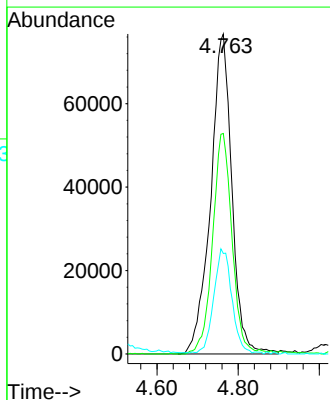
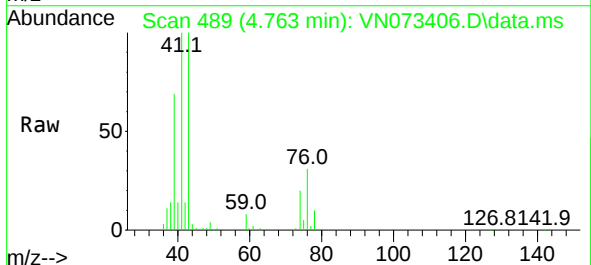
Manual Integrations
APPROVED

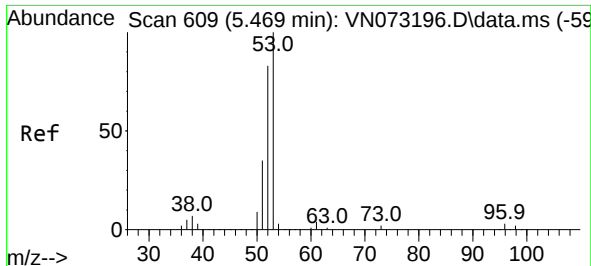
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#14
Allyl chloride
Concen: 52.370 ug/l
RT: 4.763 min Scan# 489
Delta R.T. 0.006 min
Lab File: VN073406.D
Acq: 08 Jul 2022 20:35

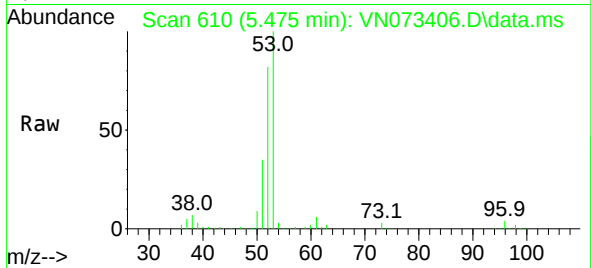
Tgt Ion: 41 Resp: 278847
Ion Ratio Lower Upper
41 100
39 62.7 53.2 79.8
76 27.2 29.9 44.9#





#15
Acrylonitrile
Concen: 302.086 ug/l
RT: 5.475 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN073406.D
Acq: 08 Jul 2022 20:35

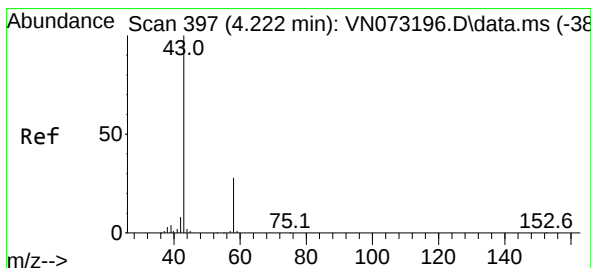
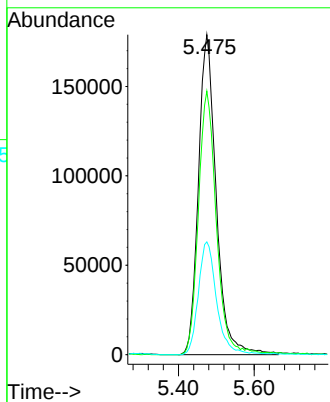
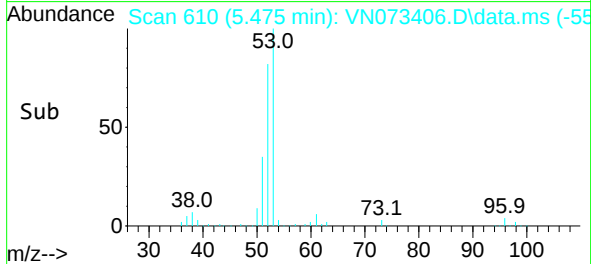
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 583892
Ion Ratio Lower Upper
53 100
52 82.9 66.4 99.6
51 36.4 28.5 42.7

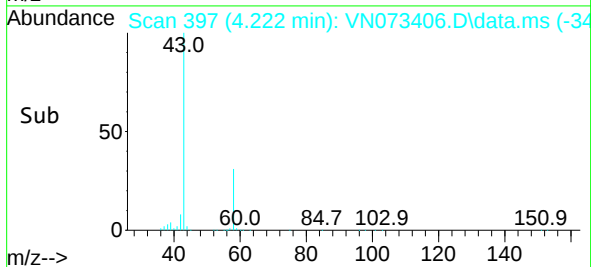
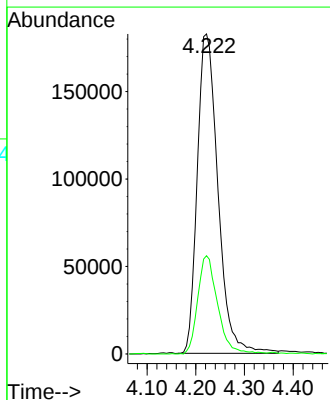
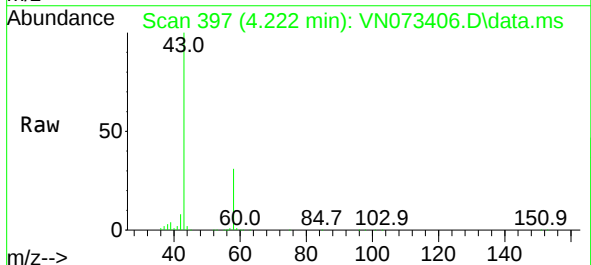
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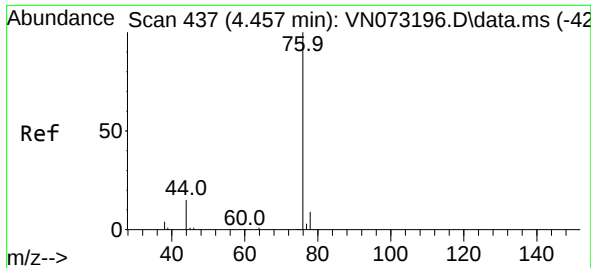
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#16
Acetone
Concen: 309.875 ug/l
RT: 4.222 min Scan# 397
Delta R.T. 0.000 min
Lab File: VN073406.D
Acq: 08 Jul 2022 20:35

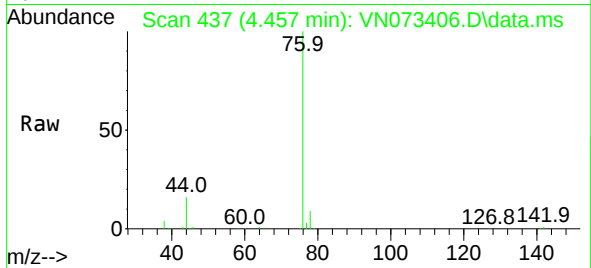
Tgt Ion: 43 Resp: 539124
Ion Ratio Lower Upper
43 100
58 30.8 26.0 39.0





#17
Carbon Disulfide
Concen: 46.675 ug/l
RT: 4.457 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN073406.D
Acq: 08 Jul 2022 20:35

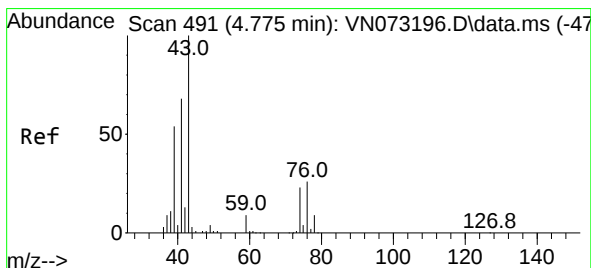
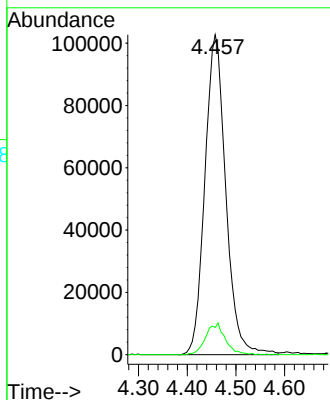
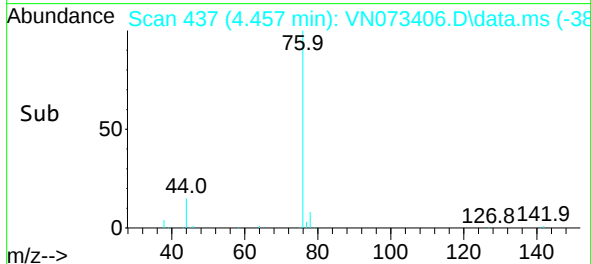
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 305902
Ion Ratio Lower Upper
76 100
78 8.5 7.2 10.8

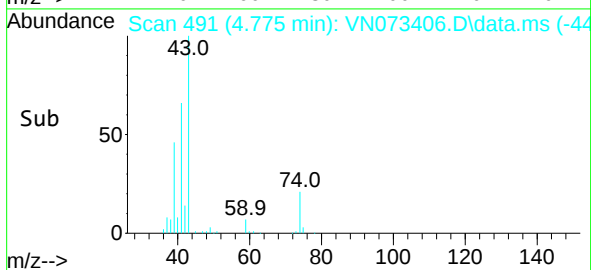
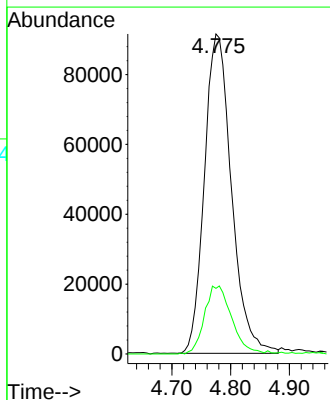
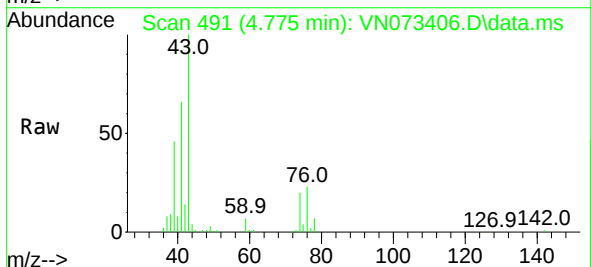
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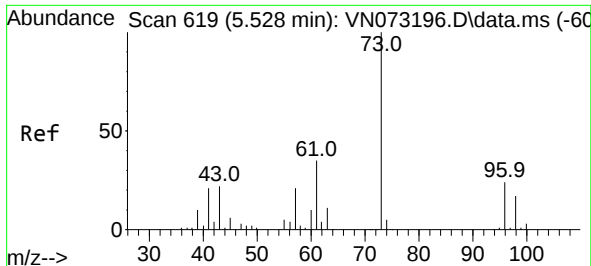
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#18
Methyl Acetate
Concen: 59.992 ug/l
RT: 4.775 min Scan# 491
Delta R.T. -0.000 min
Lab File: VN073406.D
Acq: 08 Jul 2022 20:35

Tgt Ion: 43 Resp: 292498
Ion Ratio Lower Upper
43 100
74 21.3 21.6 32.4#





#19

Methyl tert-butyl Ether

Concen: 54.666 ug/l

RT: 5.540 min Scan# 619

Delta R.T. 0.012 min

Lab File: VN073406.D

Acq: 08 Jul 2022 20:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 73 Resp: 503580

Ion Ratio Lower Upper

73 100

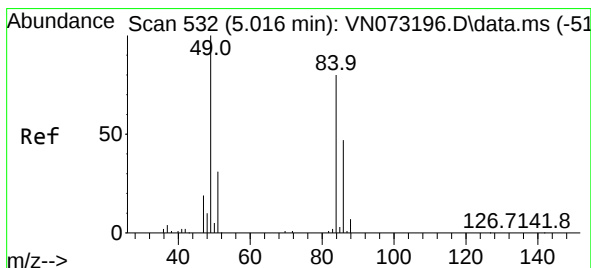
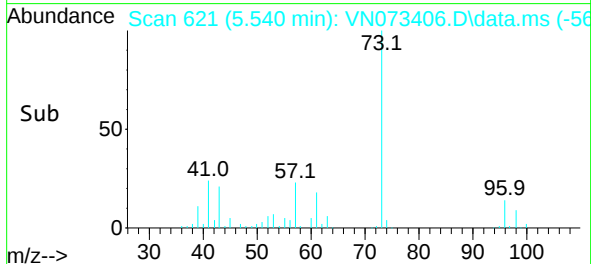
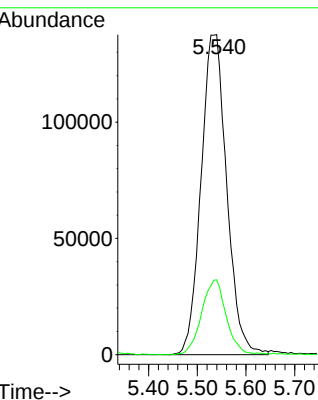
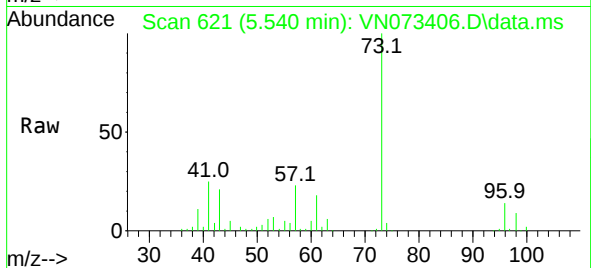
57 23.4 17.6 26.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#20

Methylene Chloride

Concen: 50.527 ug/l

RT: 5.016 min Scan# 532

Delta R.T. 0.000 min

Lab File: VN073406.D

Acq: 08 Jul 2022 20:35

Tgt Ion: 84 Resp: 154489

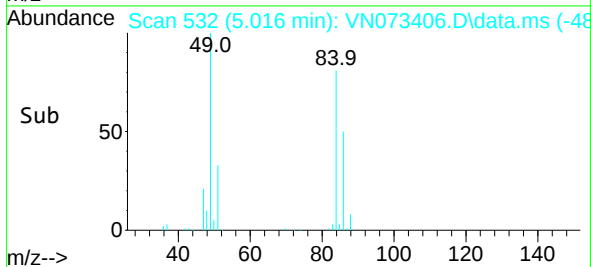
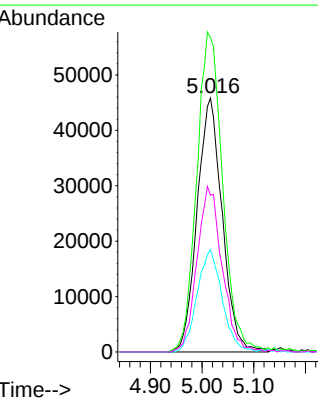
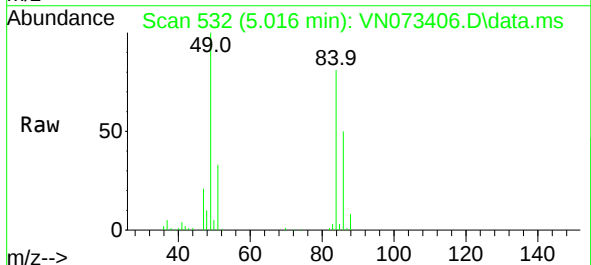
Ion Ratio Lower Upper

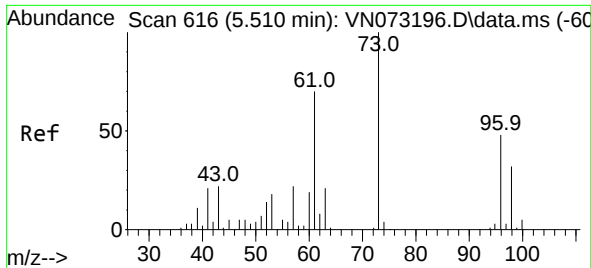
84 100

49 123.8 88.3 132.5

51 40.3 28.2 42.2

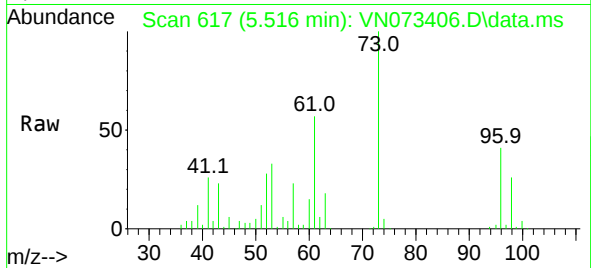
86 61.8 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 50.434 ug/l
RT: 5.516 min Scan# 616
Delta R.T. 0.006 min
Lab File: VN073406.D
Acq: 08 Jul 2022 20:35

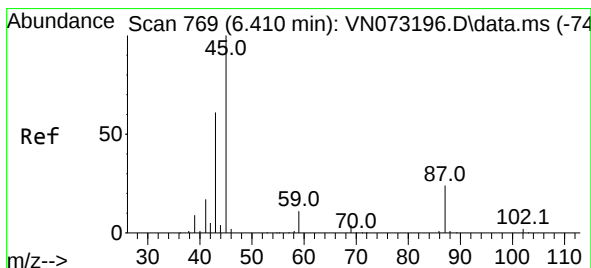
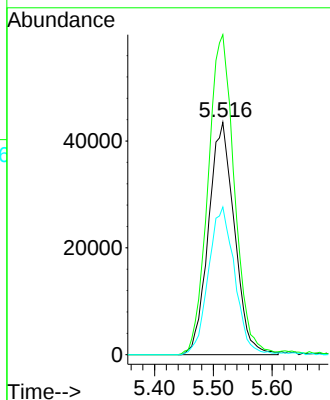
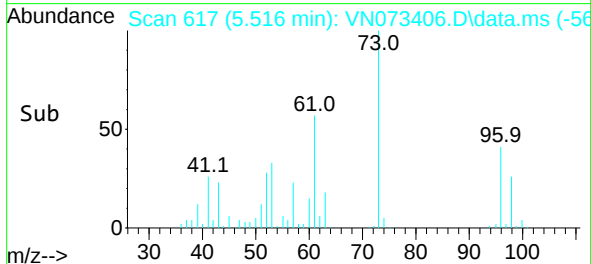
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 133199
Ion Ratio Lower Upper
96 100
61 137.7 105.8 158.8
98 63.5 50.3 75.5

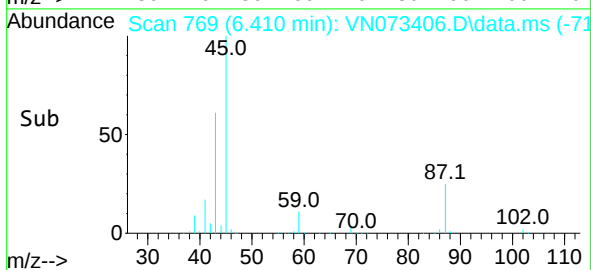
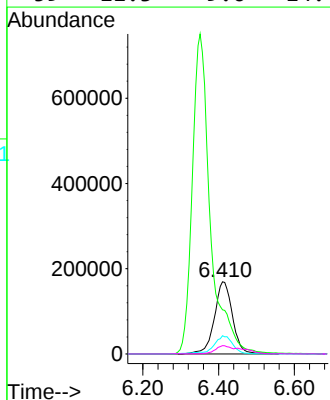
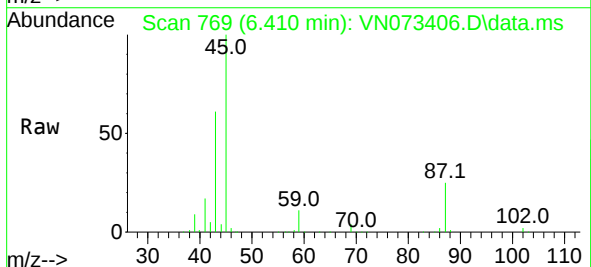
Manual Integrations
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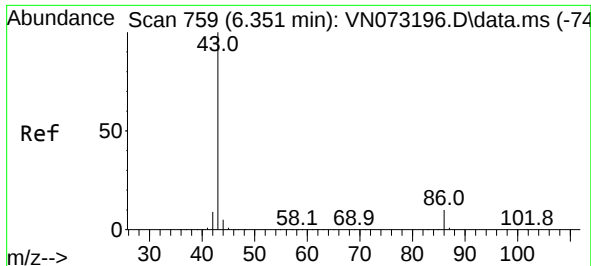
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#22
Diisopropyl ether
Concen: 56.677 ug/l
RT: 6.410 min Scan# 769
Delta R.T. 0.000 min
Lab File: VN073406.D
Acq: 08 Jul 2022 20:35

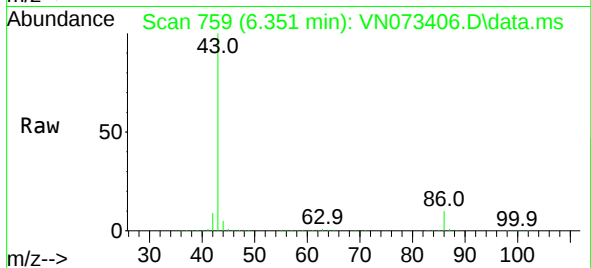
Tgt Ion: 45 Resp: 563119
Ion Ratio Lower Upper
45 100
43 60.0 46.6 70.0
87 25.2 24.3 36.5
59 11.3 9.6 14.4





#23
 Vinyl Acetate
 Concen: 280.628 ug/l
 RT: 6.351 min Scan# 759
 Delta R.T. 0.000 min
 Lab File: VN073406.D
 Acq: 08 Jul 2022 20:35

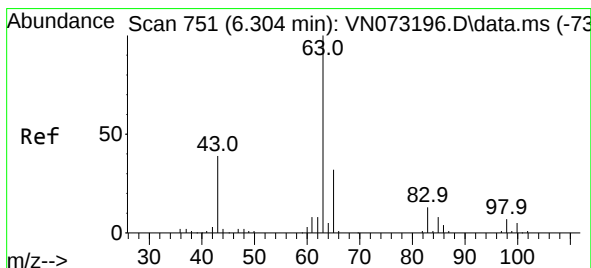
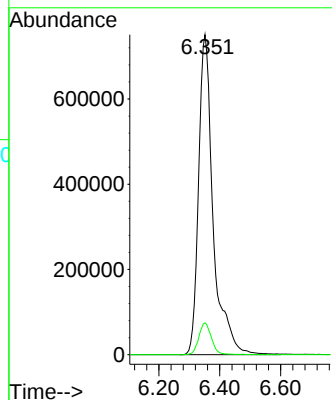
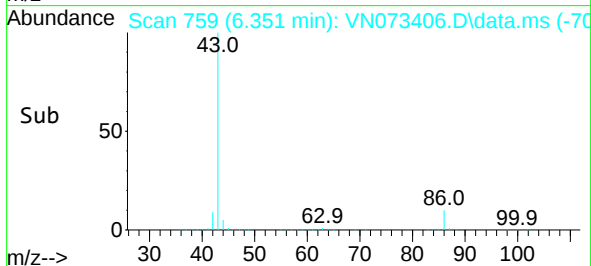
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



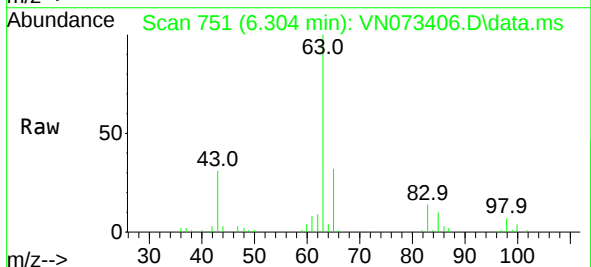
Tgt Ion: 43 Resp: 249638
 Ion Ratio Lower Upper
 43 100
 86 10.0 10.0 15.0

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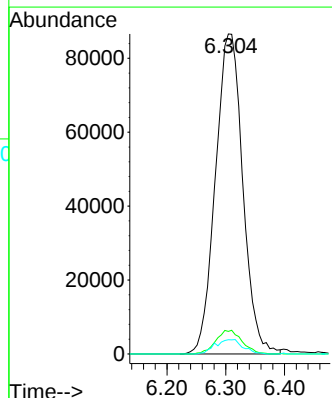
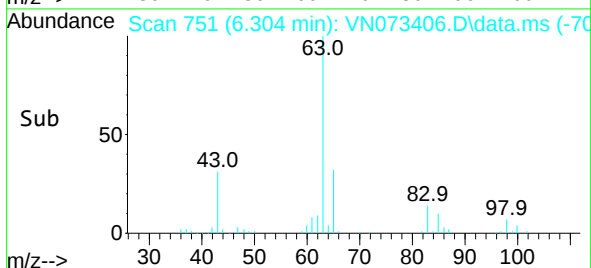
Reviewed By :John Carlone 07/11/2022
 Supervised By :Mahesh Dadoda 07/11/2022

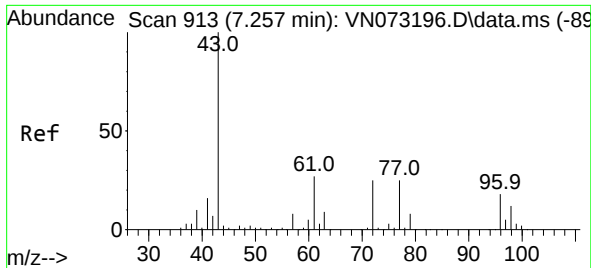


#24
 1,1-Dichloroethane
 Concen: 54.379 ug/l
 RT: 6.304 min Scan# 751
 Delta R.T. 0.000 min
 Lab File: VN073406.D
 Acq: 08 Jul 2022 20:35



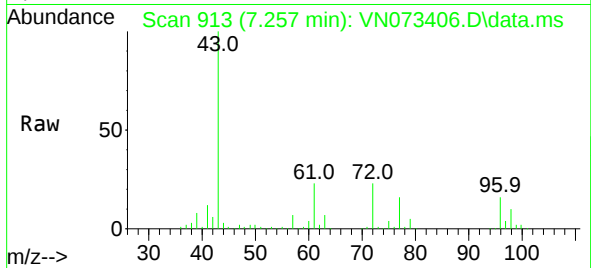
Tgt Ion: 63 Resp: 279598
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.4
 100 4.5 2.3 6.8





#25
2-Butanone
Concen: 313.470 ug/l
RT: 7.257 min Scan# 913
Delta R.T. 0.000 min
Lab File: VN073406.D
Acq: 08 Jul 2022 20:35

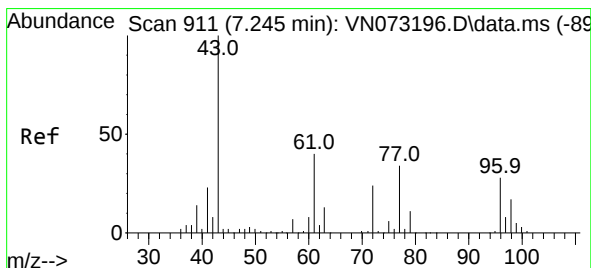
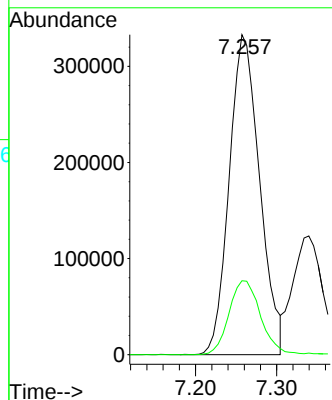
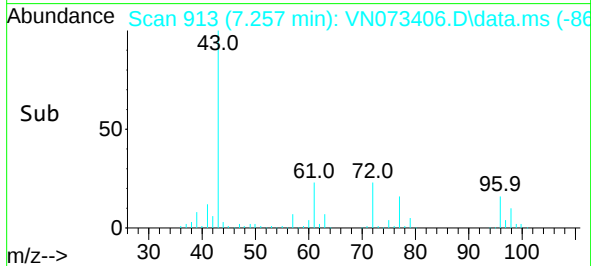
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



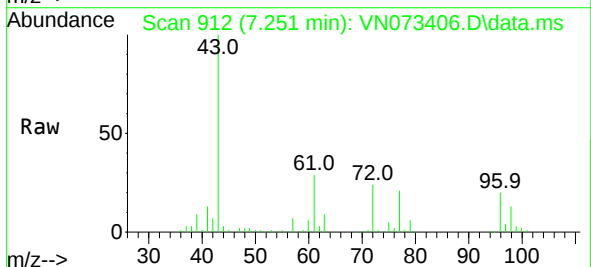
Tgt Ion: 43 Resp: 86830
Ion Ratio Lower Upper
43 100
72 23.1 23.7 35.5

Manual Integrations
APPROVED

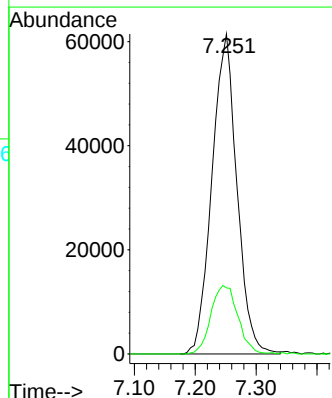
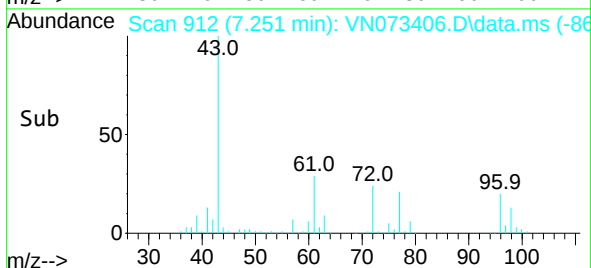
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

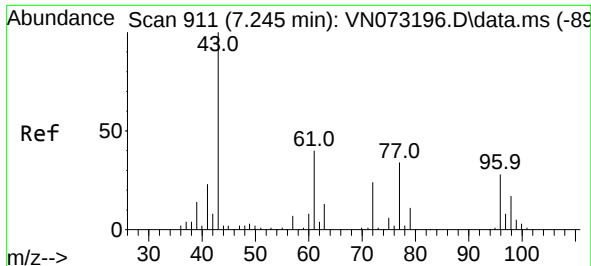


#26
2,2-Dichloropropane
Concen: 36.746 ug/l
RT: 7.251 min Scan# 912
Delta R.T. 0.006 min
Lab File: VN073406.D
Acq: 08 Jul 2022 20:35



Tgt Ion: 77 Resp: 174741
Ion Ratio Lower Upper
77 100
97 23.1 11.4 34.2





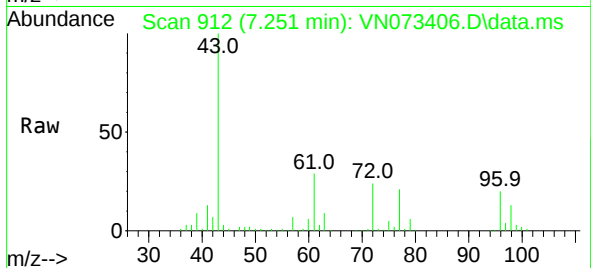
#27
 cis-1,2-Dichloroethene
 Concen: 51.913 ug/l
 RT: 7.251 min Scan# 911
 Delta R.T. 0.006 min
 Lab File: VN073406.D
 Acq: 08 Jul 2022 20:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



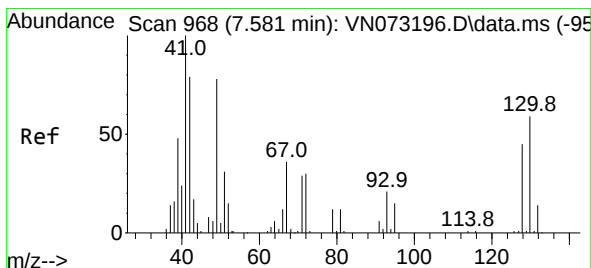
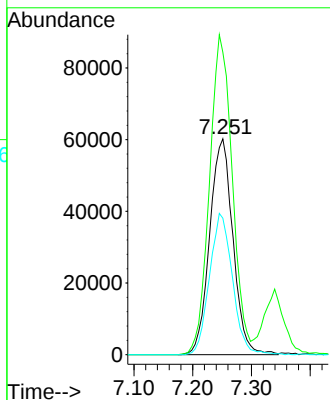
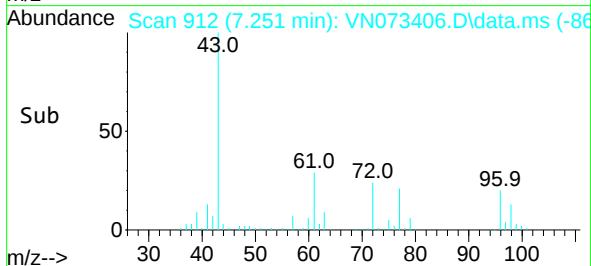
Tgt Ion: 96 Resp: 166029
 Ion Ratio Lower Upper
 96 100
 61 144.7 0.0 280.6
 98 64.5 0.0 128.4

Manual Integrations

APPROVED

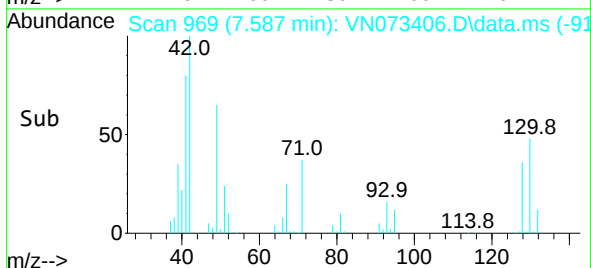
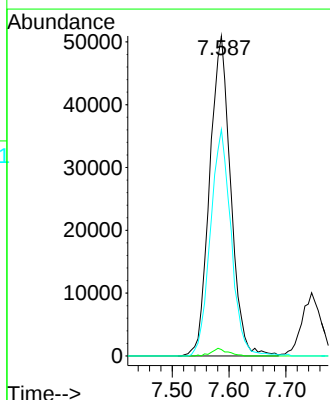
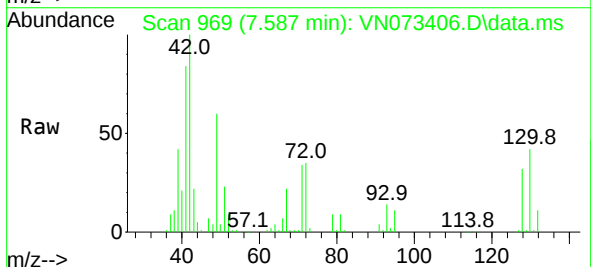
Reviewed By :John Carlone 07/11/2022

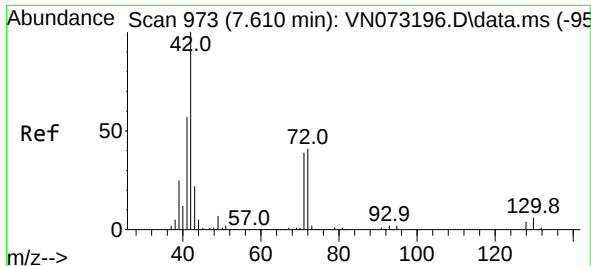
Supervised By :Mahesh Dadoda 07/11/2022



#28
 Bromochloromethane
 Concen: 60.659 ug/l
 RT: 7.587 min Scan# 969
 Delta R.T. 0.006 min
 Lab File: VN073406.D
 Acq: 08 Jul 2022 20:35

Tgt Ion: 49 Resp: 130620
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.6
 130 69.9 69.7 104.5





#29

Tetrahydrofuran

Concen: 307.593 ug/l

RT: 7.610 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN073406.D

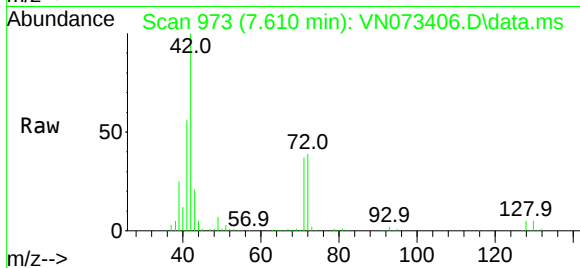
Acq: 08 Jul 2022 20:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



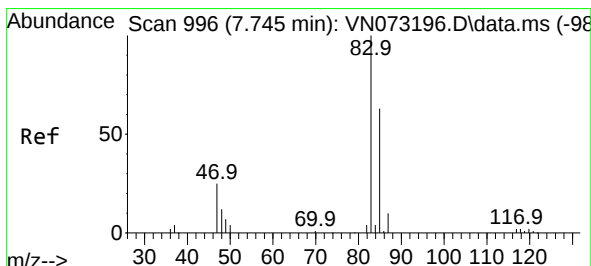
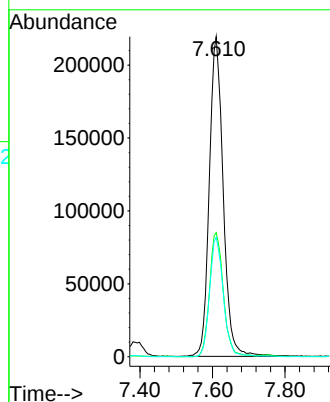
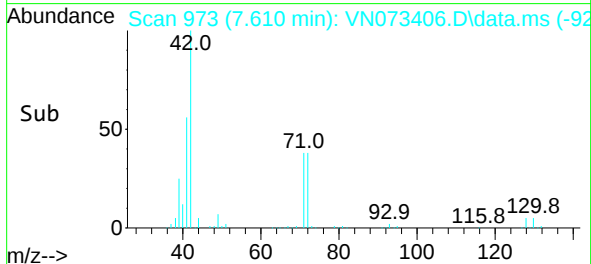
Tgt Ion:	42	Resp:	583398
Ion Ratio	Lower	Upper	
42	100		
72	38.7	39.7	59.5
71	37.0	36.6	55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#30

Chloroform

Concen: 54.320 ug/l

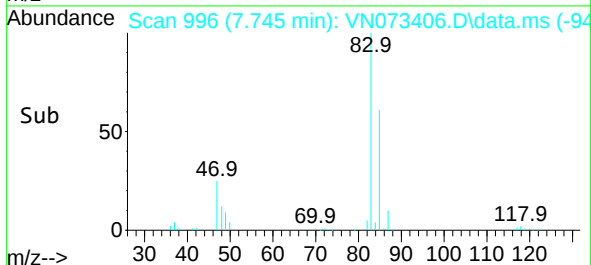
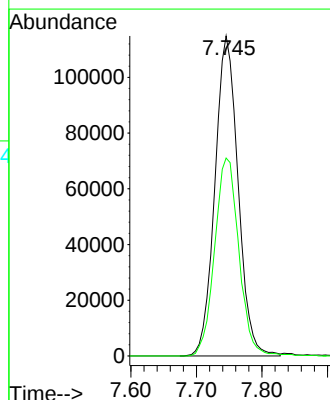
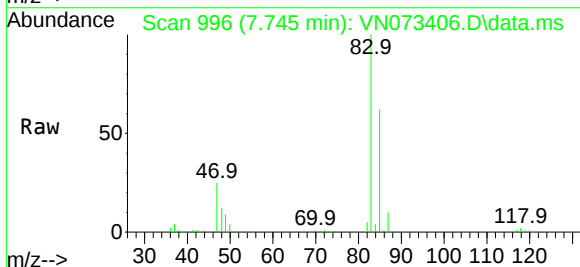
RT: 7.745 min Scan# 996

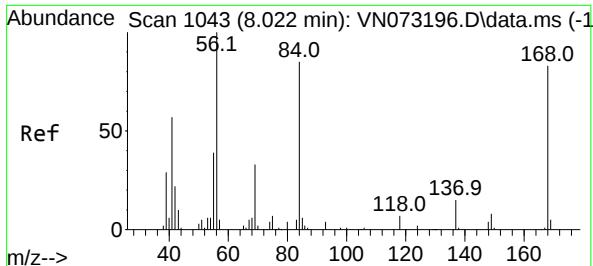
Delta R.T. 0.000 min

Lab File: VN073406.D

Acq: 08 Jul 2022 20:35

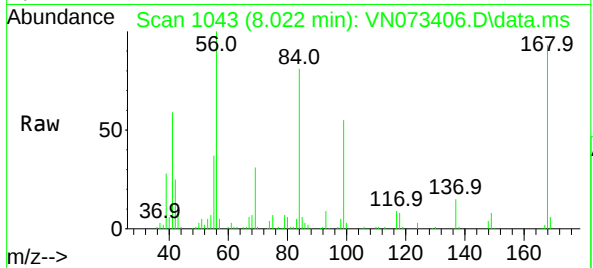
Tgt Ion:	83	Resp:	281305
Ion Ratio	Lower	Upper	
83	100		
85	61.9	51.8	77.8





#31
Cyclohexane
Concen: 47.686 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN073406.D
Acq: 08 Jul 2022 20:35

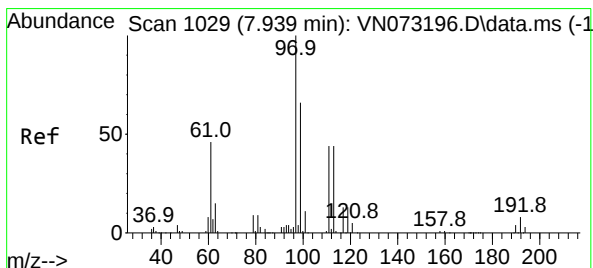
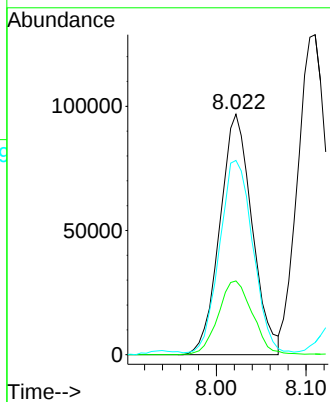
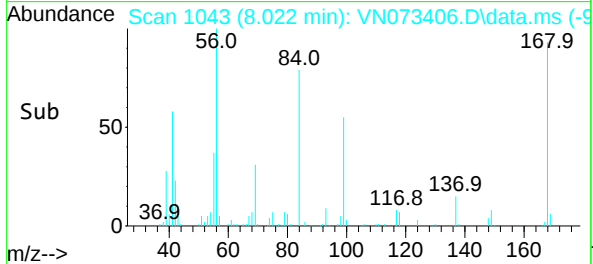
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



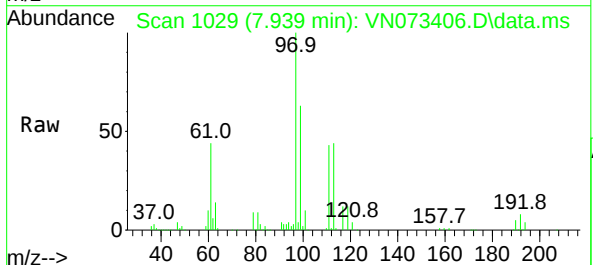
Tgt Ion: 56 Resp: 24206
Ion Ratio Lower Upper
56 100
69 30.7 27.8 41.8
84 79.5 76.9 115.3

Manual Integrations
APPROVED

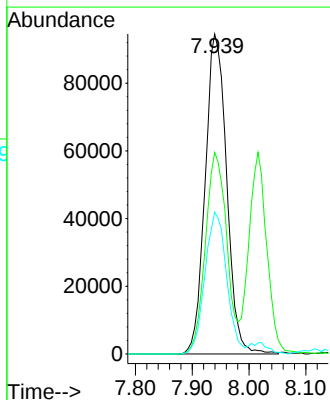
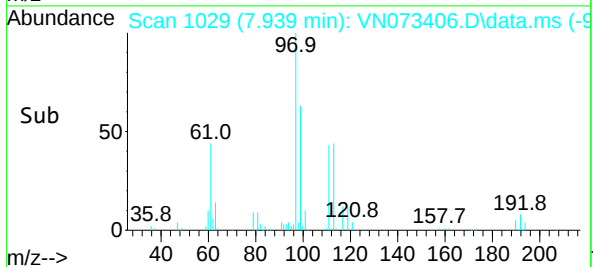
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

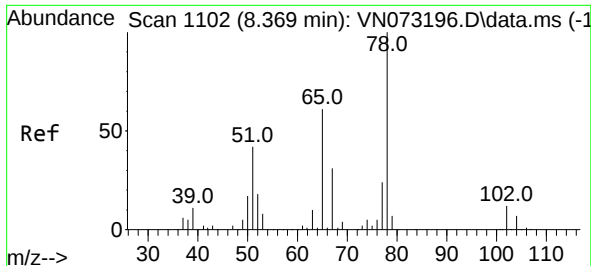


#32
1,1,1-Trichloroethane
Concen: 53.739 ug/l
RT: 7.939 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VN073406.D
Acq: 08 Jul 2022 20:35



Tgt Ion: 97 Resp: 248007
Ion Ratio Lower Upper
97 100
99 62.5 50.6 76.0
61 44.8 36.0 54.0





#33
1,2-Dichloroethane-d4
Concen: 54.731 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073406.D
Acq: 08 Jul 2022 20:35

Instrument :

MSVOA_N

ClientSampleId :

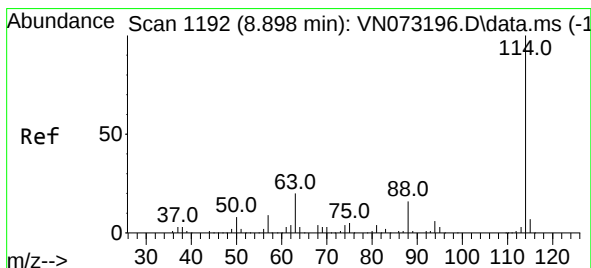
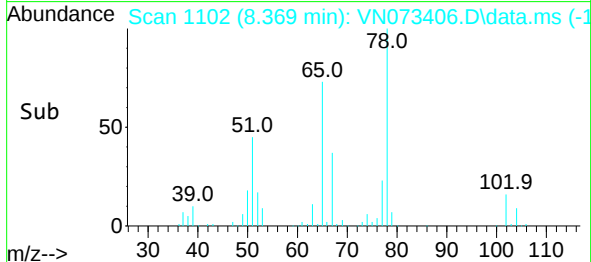
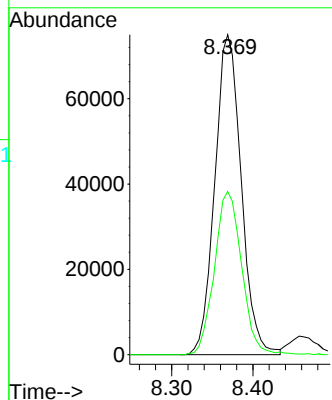
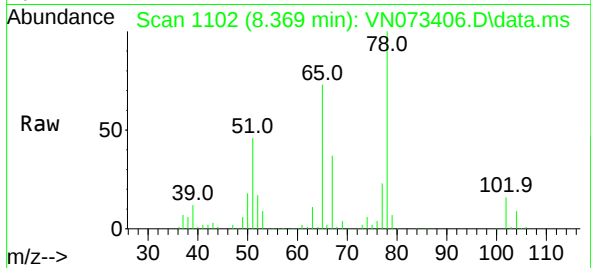
VSTDCCC050EC

Tgt Ion: 65 Resp: 16964
Ion Ratio Lower Upper
65 100
67 52.6 0.0 104.8

Manual Integrations

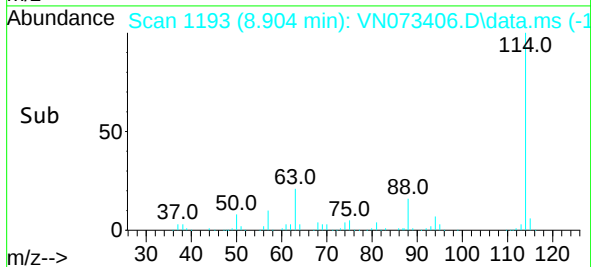
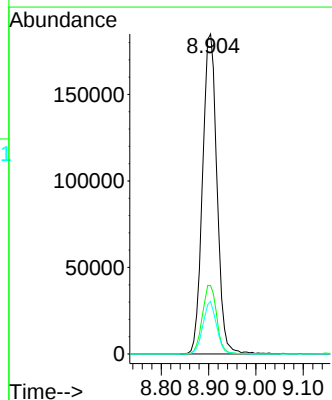
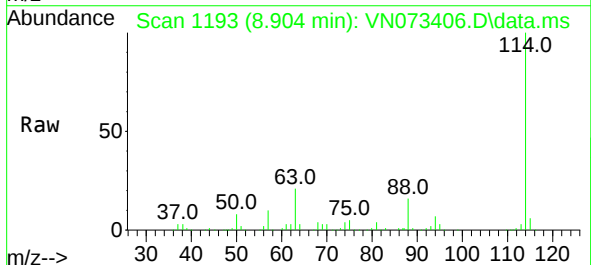
APPROVED

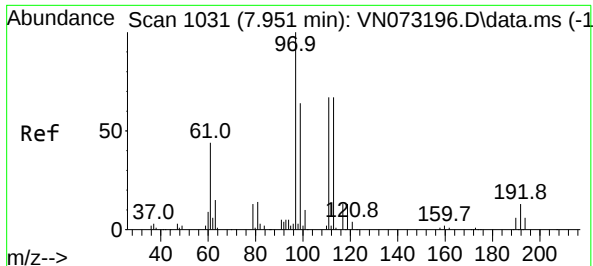
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.006 min
Lab File: VN073406.D
Acq: 08 Jul 2022 20:35

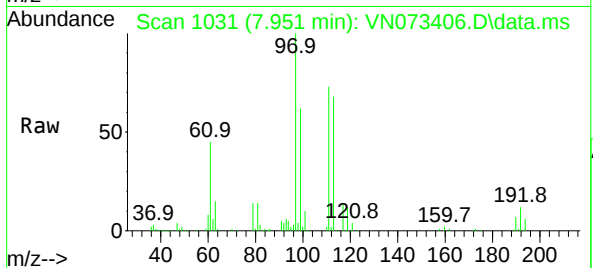
Tgt Ion:114 Resp: 390093
Ion Ratio Lower Upper
114 100
63 21.4 0.0 40.0
88 16.4 0.0 32.6





#35
Dibromofluoromethane
Concen: 51.990 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073406.D
Acq: 08 Jul 2022 20:35

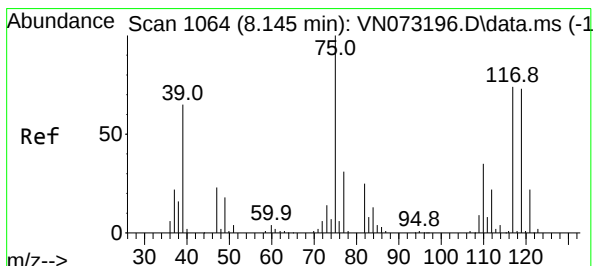
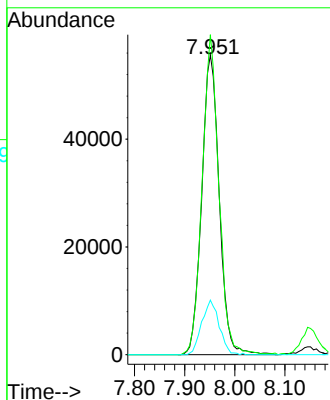
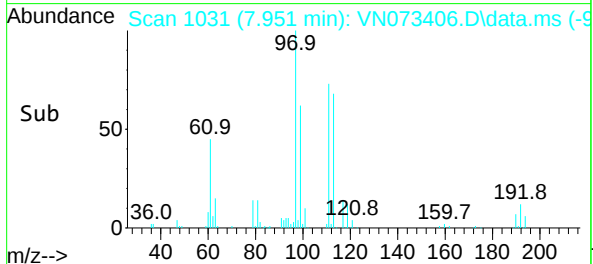
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



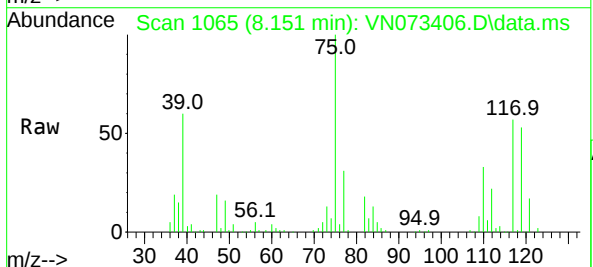
Tgt Ion: 113 Resp: 13493
Ion Ratio Lower Upper
113 100
111 101.9 81.4 122.0
192 18.2 17.0 25.6

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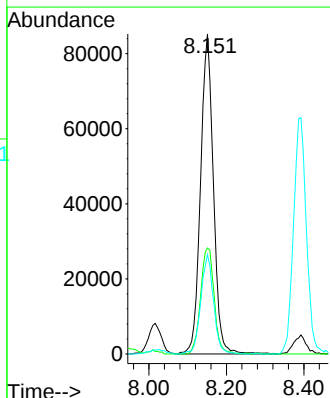
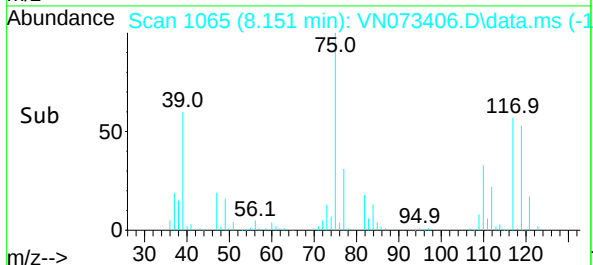
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

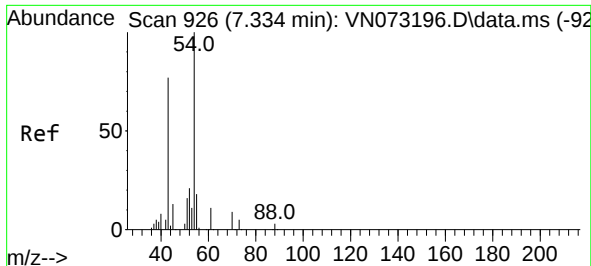


#36
1,1-Dichloropropene
Concen: 49.229 ug/l
RT: 8.151 min Scan# 1065
Delta R.T. 0.006 min
Lab File: VN073406.D
Acq: 08 Jul 2022 20:35



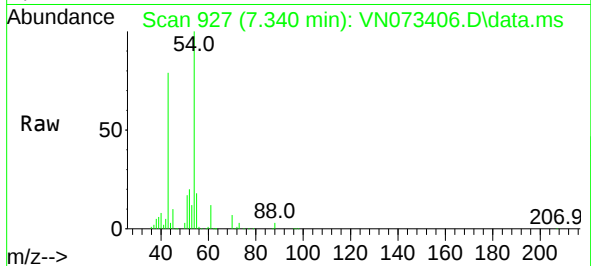
Tgt Ion: 75 Resp: 196592
Ion Ratio Lower Upper
75 100
110 35.0 18.3 54.8
77 30.8 25.1 37.7





#37
Ethyl Acetate
Concen: 54.898 ug/l
RT: 7.340 min Scan# 912
Delta R.T. 0.006 min
Lab File: VN073406.D
Acq: 08 Jul 2022 20:35

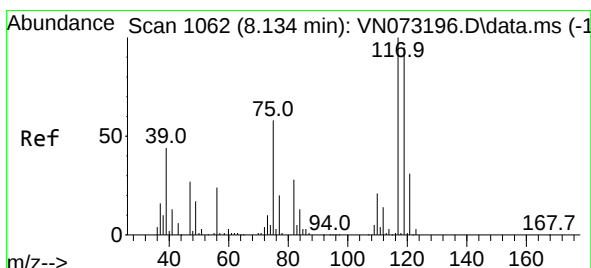
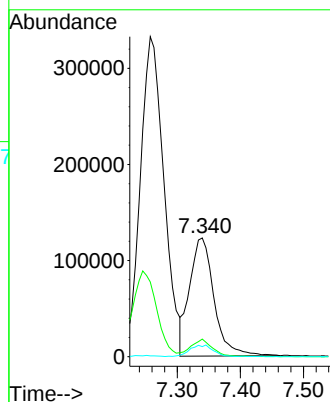
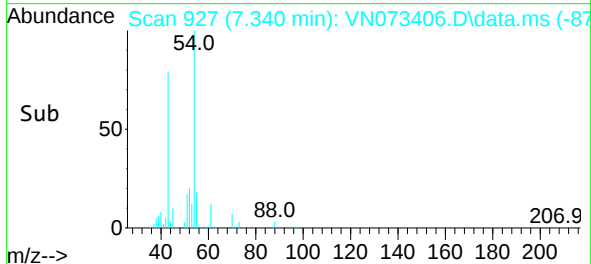
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 33125
Ion Ratio Lower Upper
43 100
61 12.7 11.8 17.6
70 9.0 9.3 13.9

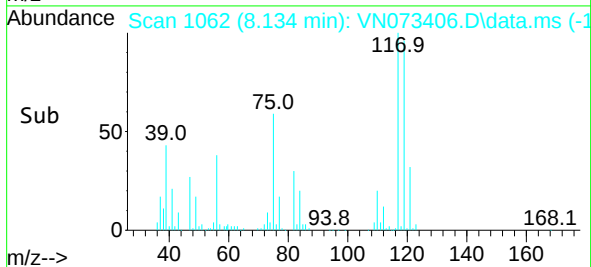
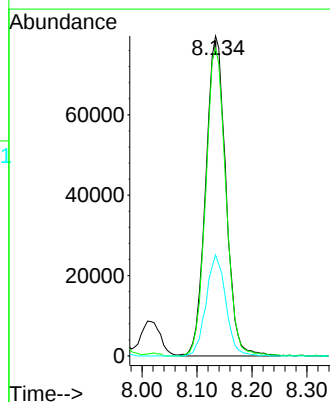
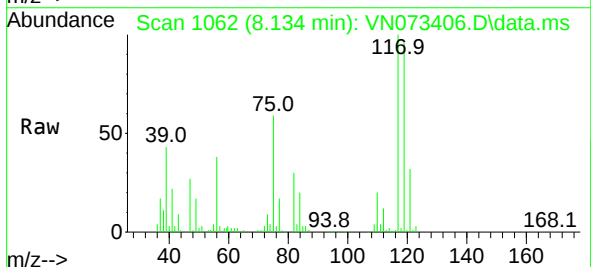
Manual Integrations
APPROVED

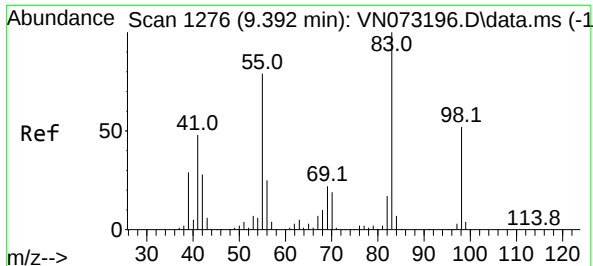
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#38
Carbon Tetrachloride
Concen: 49.092 ug/l
RT: 8.134 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VN073406.D
Acq: 08 Jul 2022 20:35

Tgt Ion:117 Resp: 202736
Ion Ratio Lower Upper
117 100
119 96.2 75.8 113.8
121 31.6 24.6 37.0





#39

Methylcyclohexane

Concen: 46.086 ug/l

RT: 9.392 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VN073406.D

Acq: 08 Jul 2022 20:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 229129

Ion Ratio Lower Upper

83 100

55 80.6 57.8 86.8

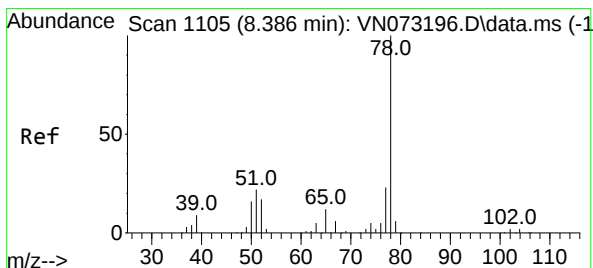
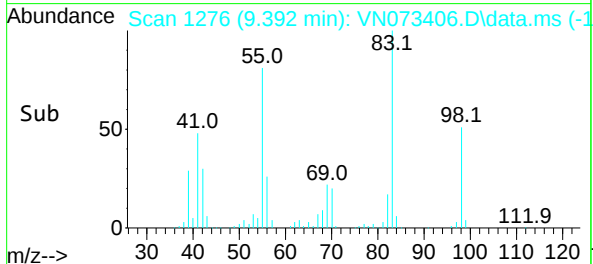
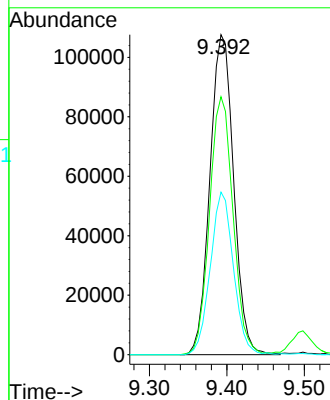
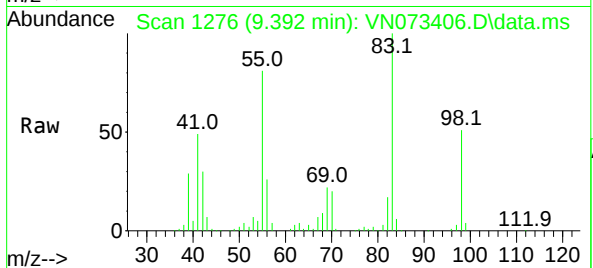
98 50.8 39.4 59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#40

Benzene

Concen: 50.054 ug/l

RT: 8.392 min Scan# 1106

Delta R.T. 0.006 min

Lab File: VN073406.D

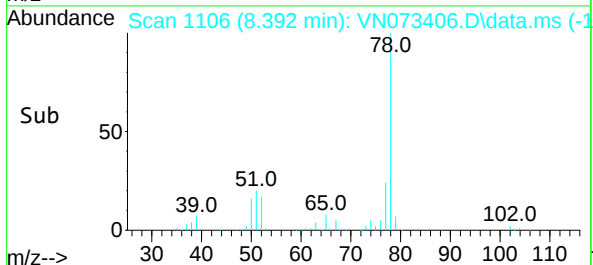
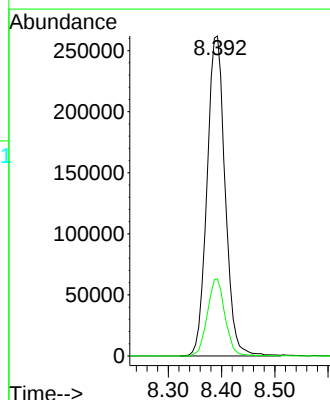
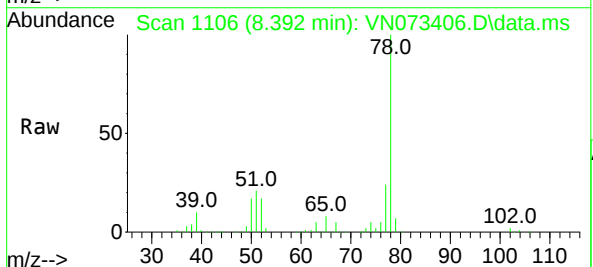
Acq: 08 Jul 2022 20:35

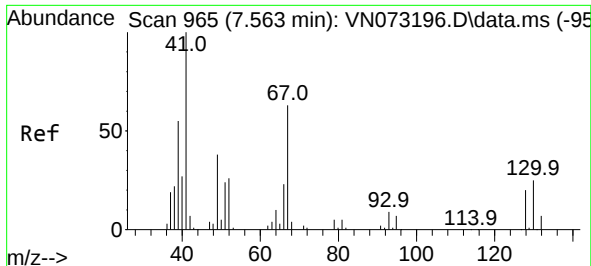
Tgt Ion: 78 Resp: 616882

Ion Ratio Lower Upper

78 100

77 24.0 19.4 29.0





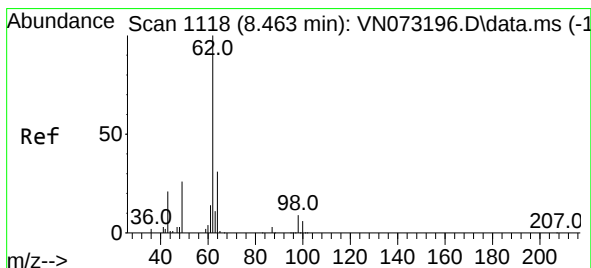
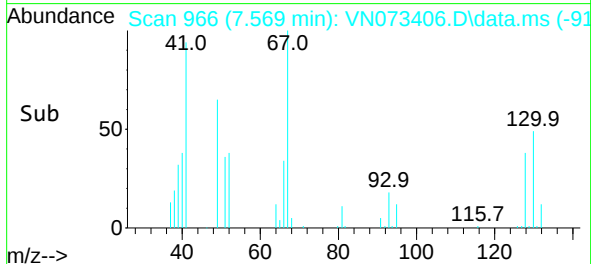
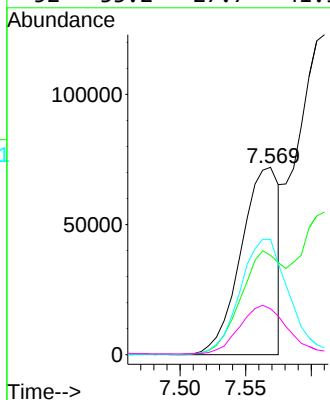
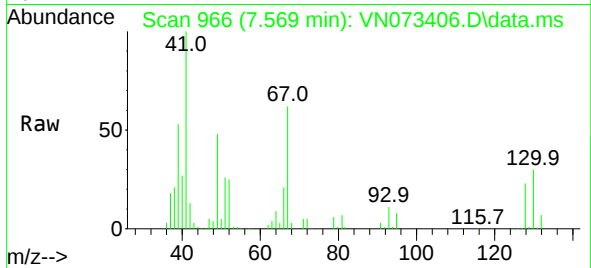
#41
Methacrylonitrile
Concen: 49.636 ug/l
RT: 7.569 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN073406.D
Acq: 08 Jul 2022 20:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 14525
Ion Ratio Lower Upper
41 100
39 63.0 48.6 73.0
67 79.5 73.4 110.2
52 33.2 27.7 41.5

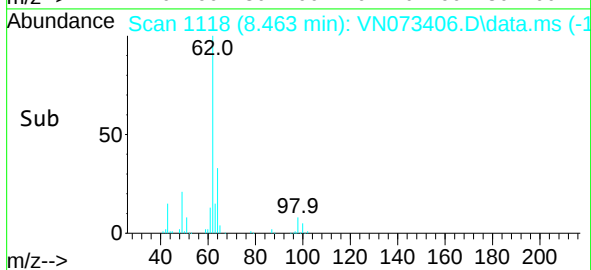
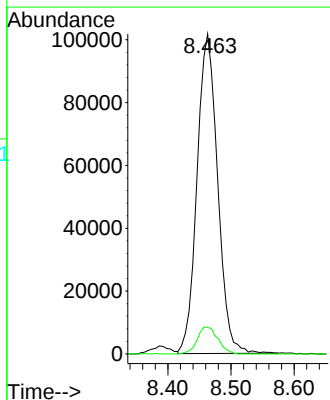
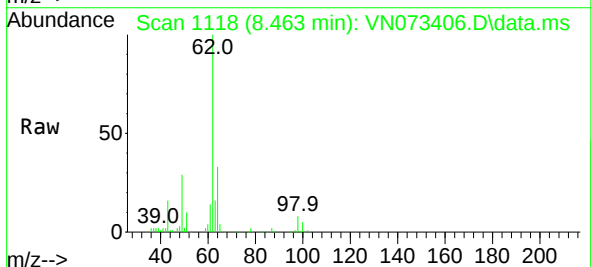
Manual Integrations
APPROVED

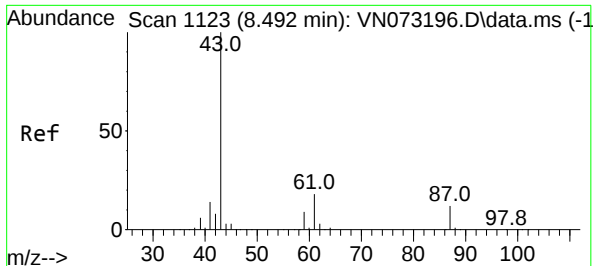
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#42
1,2-Dichloroethane
Concen: 51.570 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. -0.000 min
Lab File: VN073406.D
Acq: 08 Jul 2022 20:35

Tgt Ion: 62 Resp: 230389
Ion Ratio Lower Upper
62 100
98 8.5 0.0 19.4





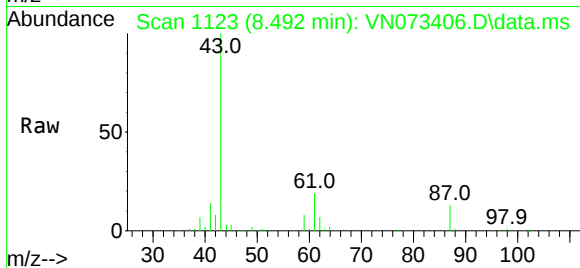
#43
Isopropyl Acetate
Concen: 55.207 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN073406.D
Acq: 08 Jul 2022 20:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



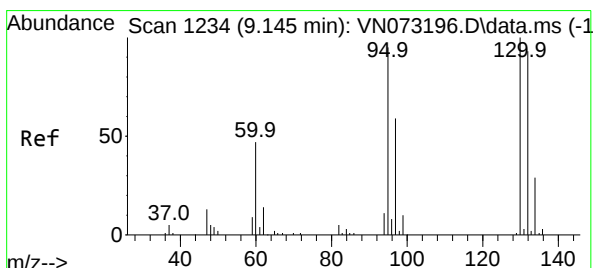
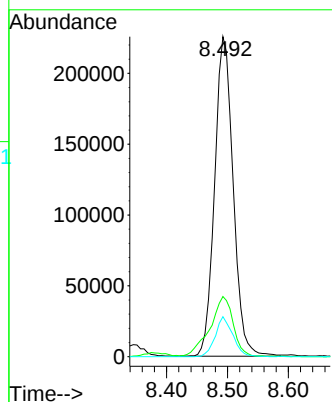
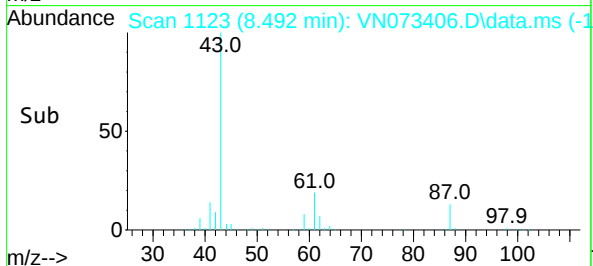
Tgt Ion: 43 Resp: 47875
Ion Ratio Lower Upper
43 100
61 23.3 21.9 32.9
87 11.9 12.0 18.0

Manual Integrations

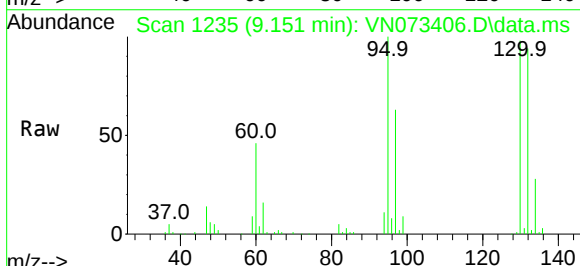
APPROVED

Reviewed By :John Carlone 07/11/2022

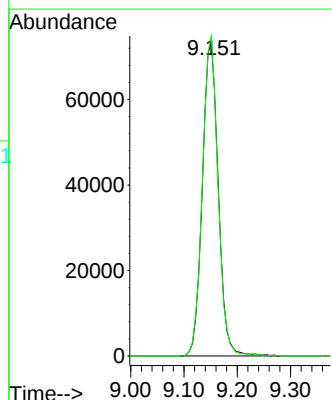
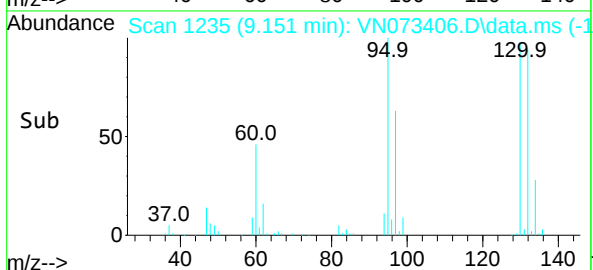
Supervised By :Mahesh Dadoda 07/11/2022

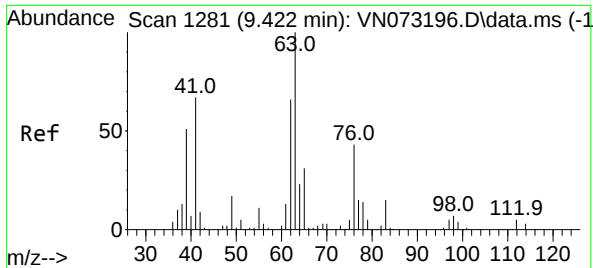


#44
Trichloroethene
Concen: 48.618 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. 0.006 min
Lab File: VN073406.D
Acq: 08 Jul 2022 20:35



Tgt Ion:130 Resp: 152483
Ion Ratio Lower Upper
130 100
95 101.9 0.0 186.8





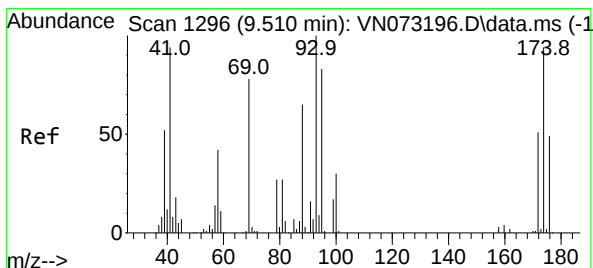
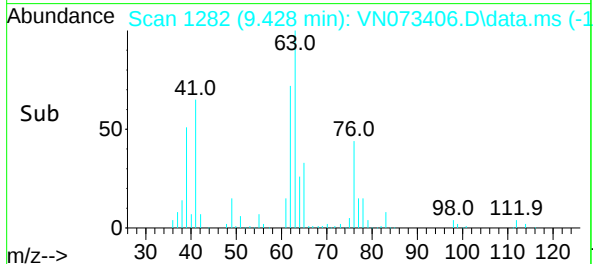
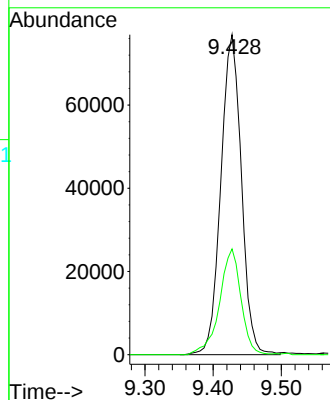
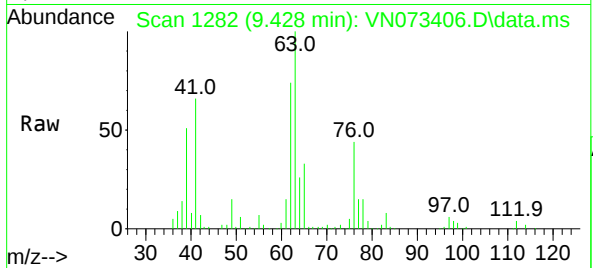
#45
1,2-Dichloropropane
Concen: 51.337 ug/l
RT: 9.428 min Scan# 1281
Delta R.T. 0.006 min
Lab File: VN073406.D
Acq: 08 Jul 2022 20:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 161264
Ion Ratio Lower Upper
63 100
65 33.0 24.9 37.3

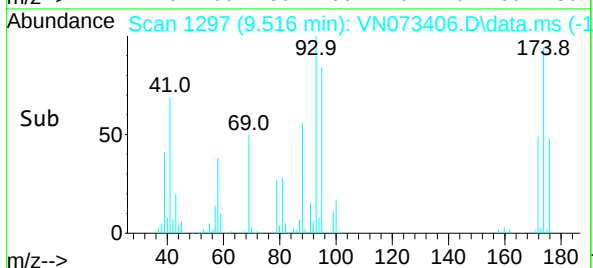
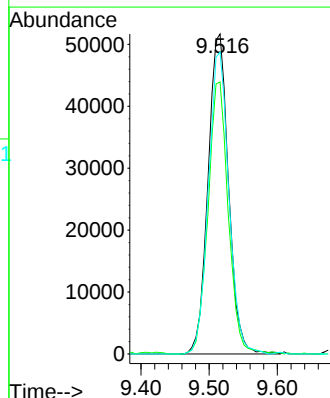
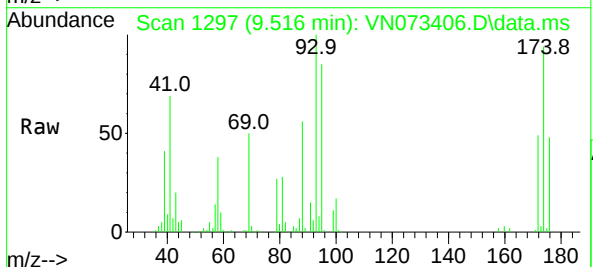
Manual Integrations
APPROVED

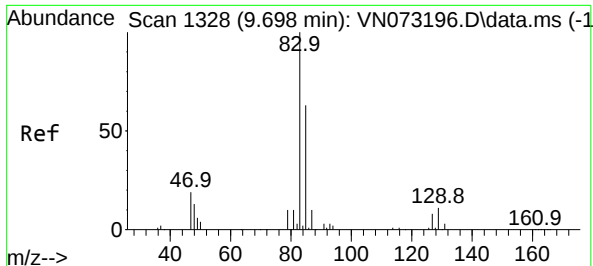
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#46
Dibromomethane
Concen: 50.775 ug/l
RT: 9.516 min Scan# 1297
Delta R.T. 0.006 min
Lab File: VN073406.D
Acq: 08 Jul 2022 20:35

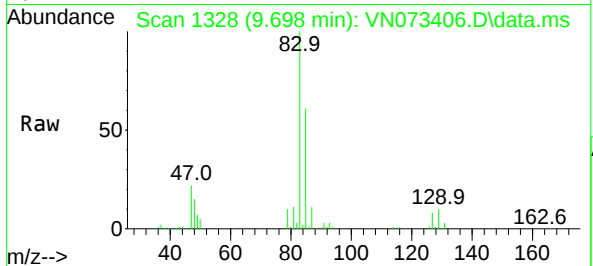
Tgt Ion: 93 Resp: 108297
Ion Ratio Lower Upper
93 100
95 84.1 66.9 100.3
174 94.1 86.6 130.0





#47
Bromodichloromethane
Concen: 52.992 ug/l
RT: 9.698 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VN073406.D
Acq: 08 Jul 2022 20:35

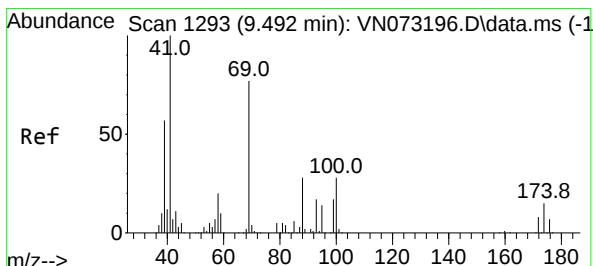
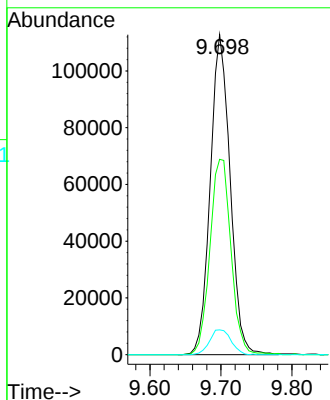
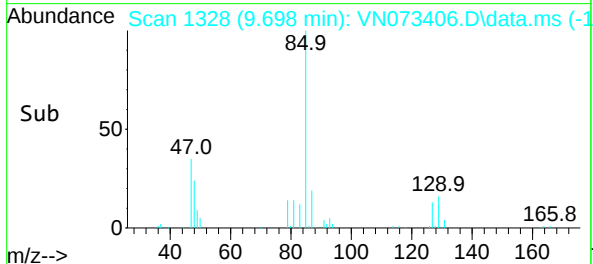
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



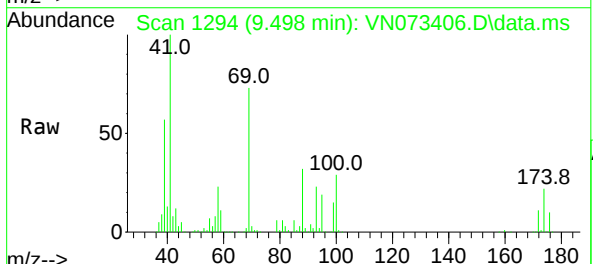
Tgt Ion: 83 Resp: 218910
Ion Ratio Lower Upper
83 100
85 61.1 50.5 75.7
127 7.8 6.8 10.2

Manual Integrations
APPROVED

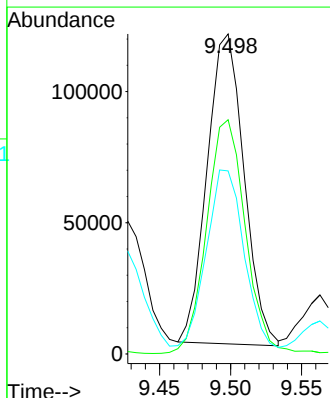
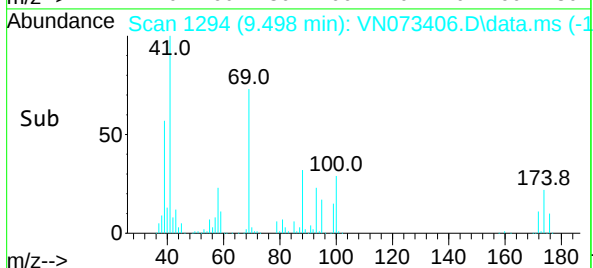
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

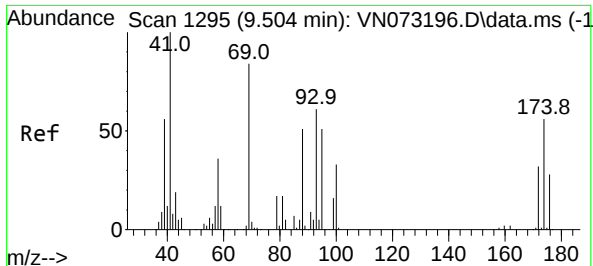


#48
Methyl methacrylate
Concen: 53.206 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. 0.006 min
Lab File: VN073406.D
Acq: 08 Jul 2022 20:35



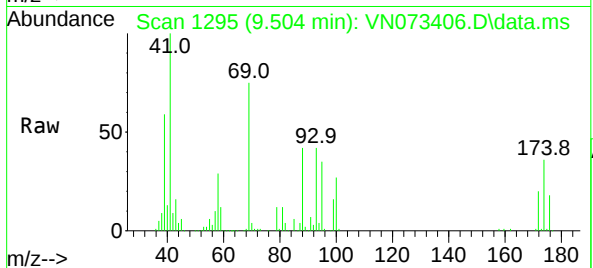
Tgt Ion: 41 Resp: 213634
Ion Ratio Lower Upper
41 100
69 79.6 74.7 112.1
39 62.7 45.6 68.4





#49
1,4-Dioxane
Concen: 1151.857 ug/l
RT: 9.504 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VN073406.D
Acq: 08 Jul 2022 20:35

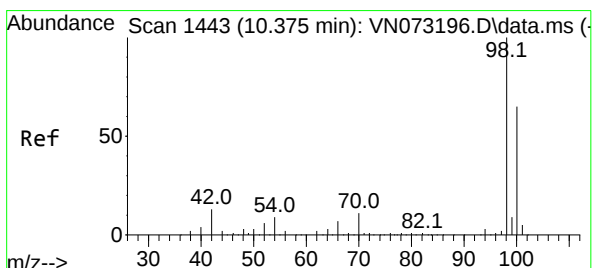
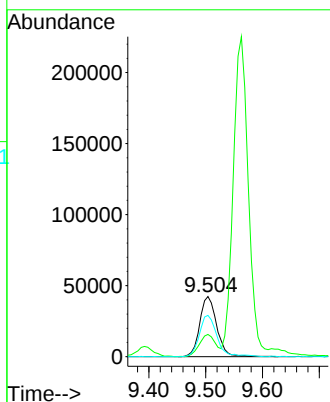
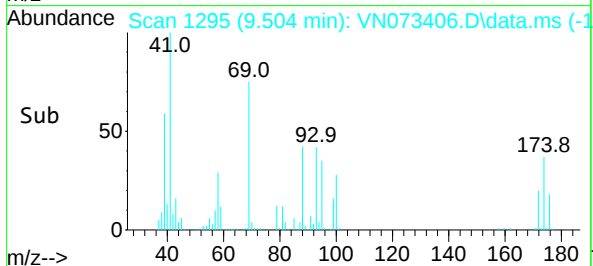
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 87799
Ion Ratio Lower Upper
88 100
43 35.8 20.2 30.4
58 71.5 54.2 81.4

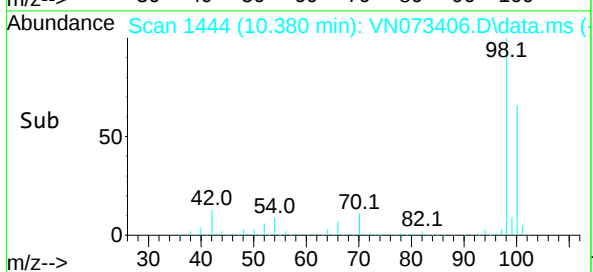
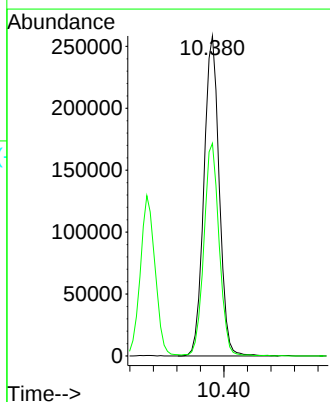
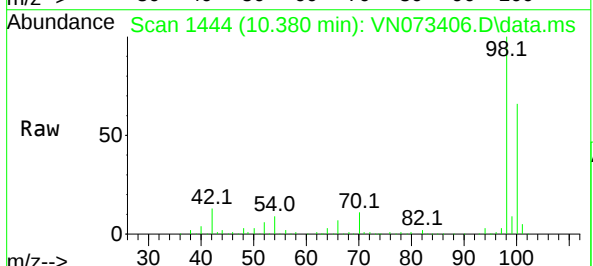
Manual Integrations
APPROVED

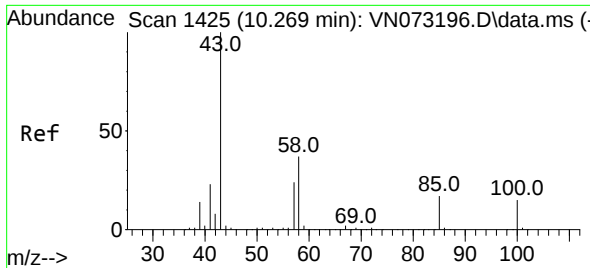
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#50
Toluene-d8
Concen: 50.766 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.005 min
Lab File: VN073406.D
Acq: 08 Jul 2022 20:35

Tgt Ion: 98 Resp: 467953
Ion Ratio Lower Upper
98 100
100 66.3 52.6 78.8





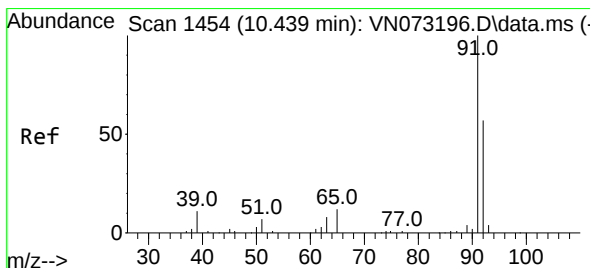
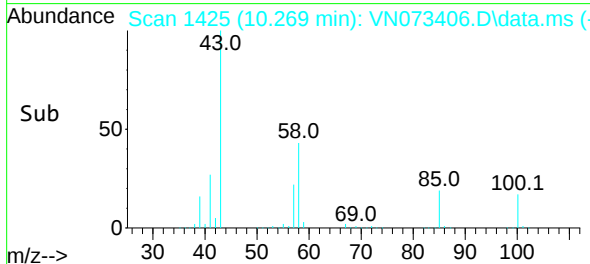
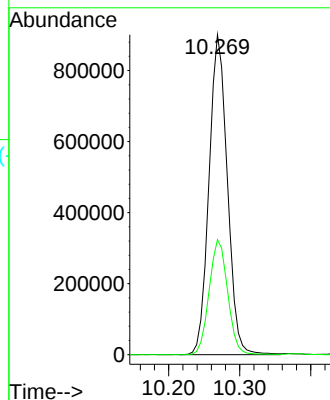
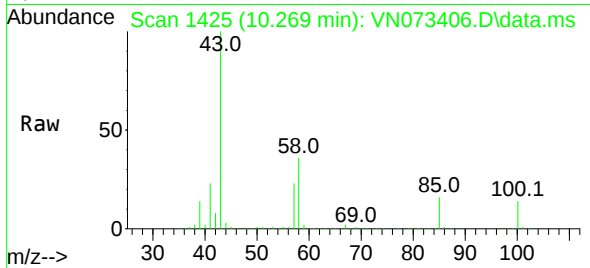
#51
4-Methyl-2-Pentanone
Concen: 293.839 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VN073406.D
Acq: 08 Jul 2022 20:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 161592
Ion Ratio Lower Upper
43 100
58 36.4 34.1 51.1

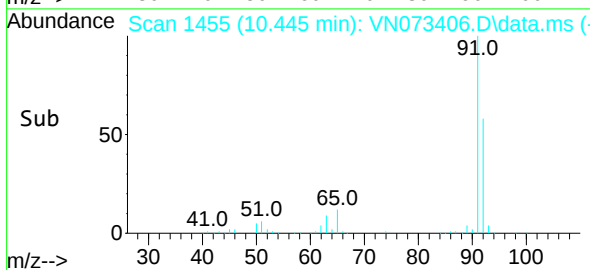
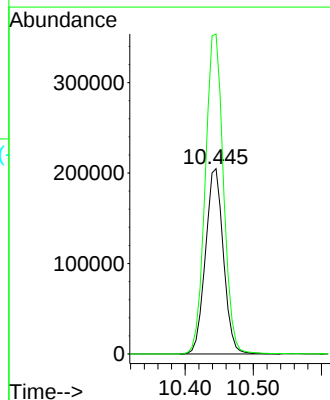
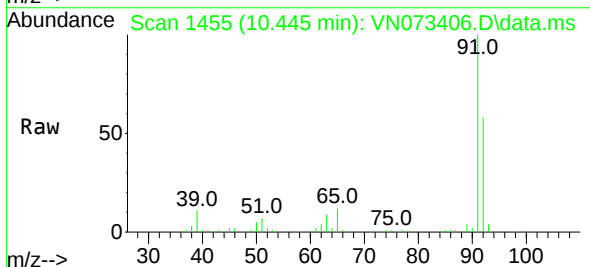
Manual Integrations
APPROVED

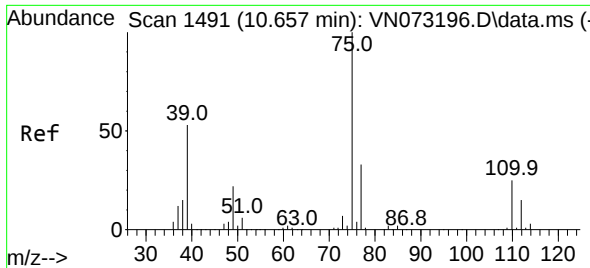
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#52
Toluene
Concen: 49.272 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.006 min
Lab File: VN073406.D
Acq: 08 Jul 2022 20:35

Tgt Ion: 92 Resp: 375282
Ion Ratio Lower Upper
92 100
91 175.2 138.6 207.8





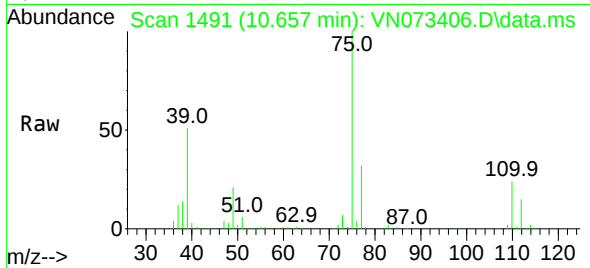
#53
t-1,3-Dichloropropene
Concen: 50.849 ug/l
RT: 10.657 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN073406.D
Acq: 08 Jul 2022 20:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



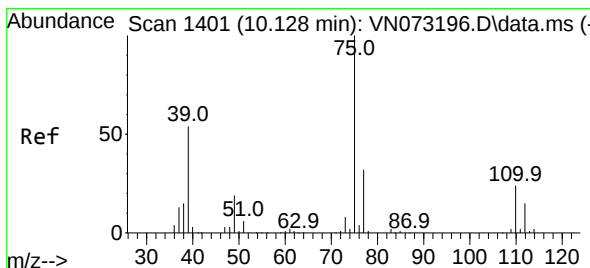
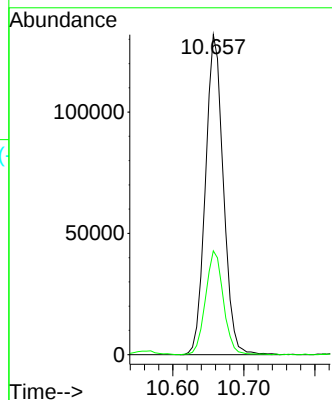
Tgt Ion: 75 Resp: 23124
Ion Ratio Lower Upper
75 100
77 32.5 25.6 38.4

Manual Integrations

APPROVED

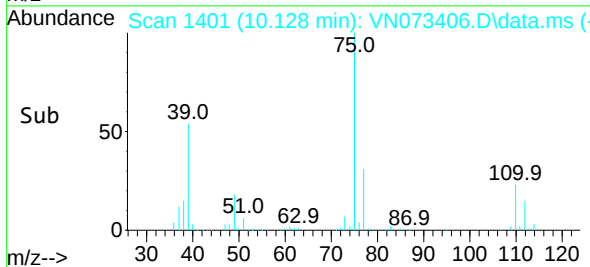
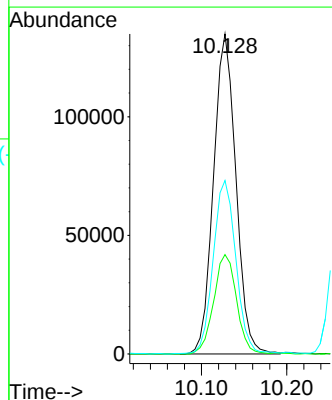
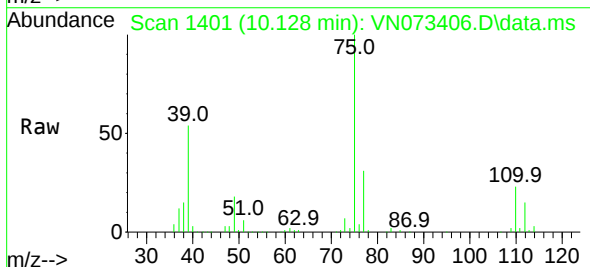
Reviewed By :John Carlone 07/11/2022

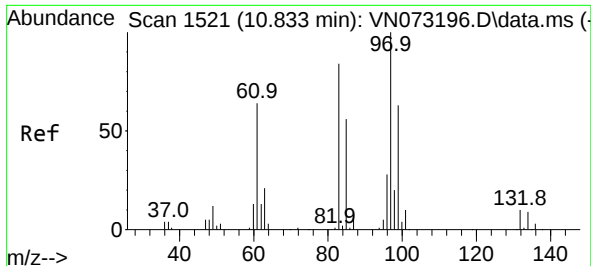
Supervised By :Mahesh Dadoda 07/11/2022



#54
cis-1,3-Dichloropropene
Concen: 50.164 ug/l
RT: 10.128 min Scan# 1401
Delta R.T. -0.000 min
Lab File: VN073406.D
Acq: 08 Jul 2022 20:35

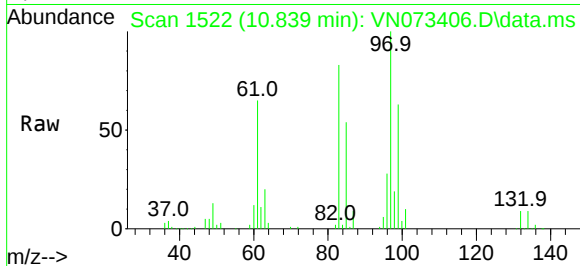
Tgt Ion: 75 Resp: 246287
Ion Ratio Lower Upper
75 100
77 31.0 25.2 37.8
39 54.0 35.7 53.5#





#55
1,1,2-Trichloroethane
Concen: 50.614 ug/l
RT: 10.839 min Scan# 1521
Delta R.T. 0.006 min
Lab File: VN073406.D
Acq: 08 Jul 2022 20:35

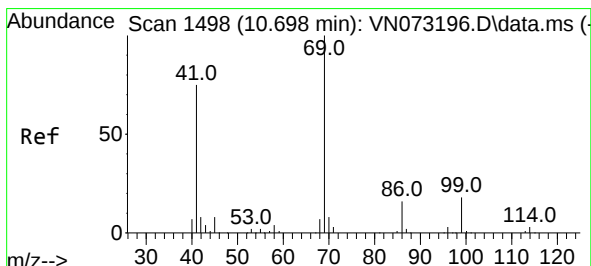
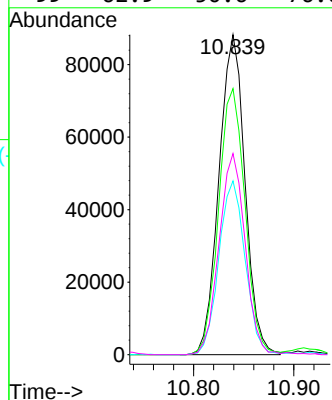
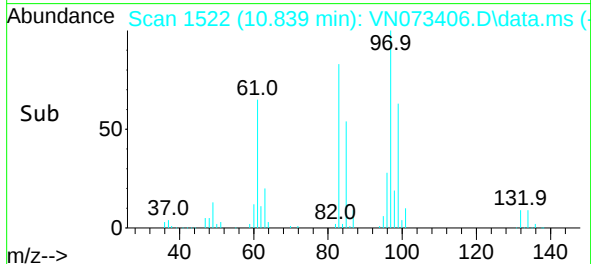
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 97 Resp: 158704
Ion Ratio Lower Upper
97 100
83 83.1 66.2 99.4
85 54.3 43.9 65.9
99 62.9 50.6 76.0

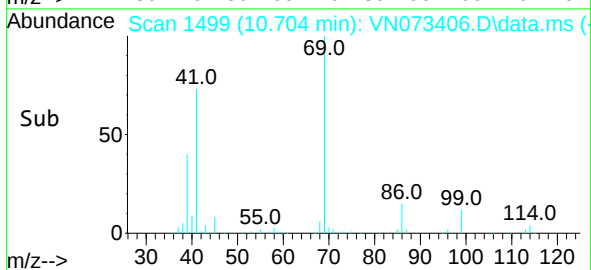
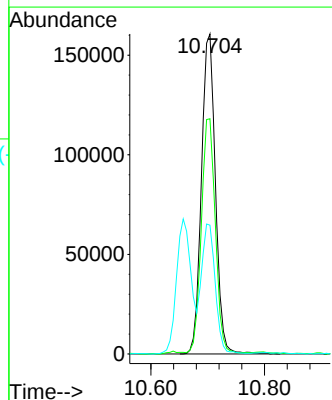
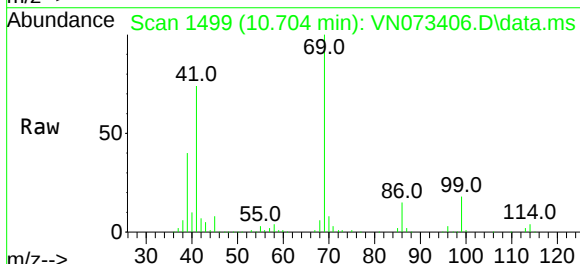
Manual Integrations
APPROVED

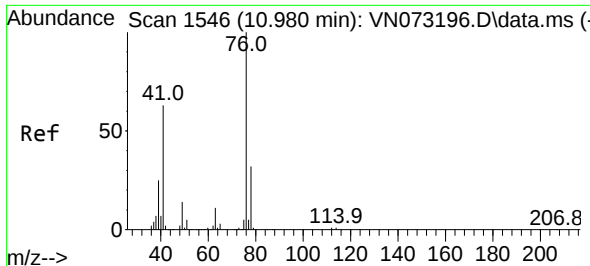
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#56
Ethyl methacrylate
Concen: 54.164 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. 0.006 min
Lab File: VN073406.D
Acq: 08 Jul 2022 20:35

Tgt Ion: 69 Resp: 274509
Ion Ratio Lower Upper
69 100
41 72.5 47.8 71.6#
39 39.4 27.3 40.9





#57

1,3-Dichloropropane

Concen: 51.531 ug/l

RT: 10.986 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN073406.D

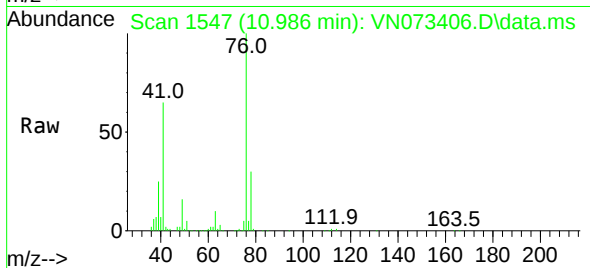
Acq: 08 Jul 2022 20:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 76 Resp: 27698

Ion Ratio Lower Upper

76 100

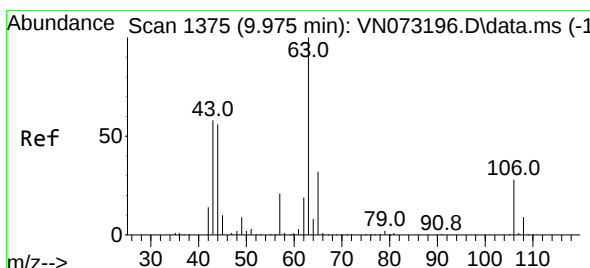
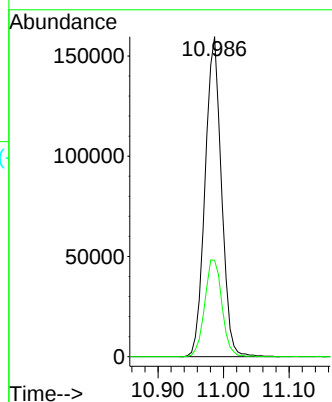
78 32.1 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#58

2-Chloroethyl Vinyl ether

Concen: 270.463 ug/l

RT: 9.980 min Scan# 1376

Delta R.T. 0.005 min

Lab File: VN073406.D

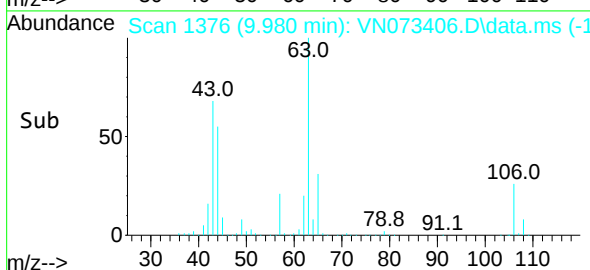
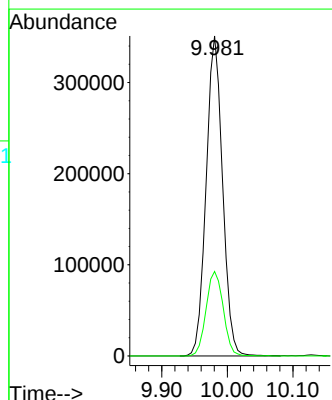
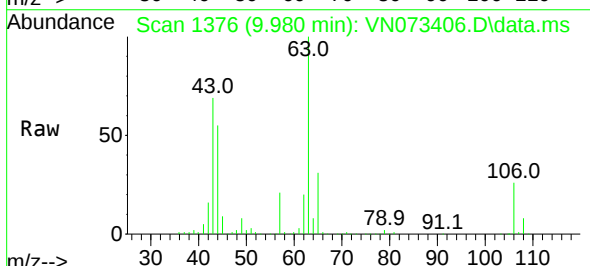
Acq: 08 Jul 2022 20:35

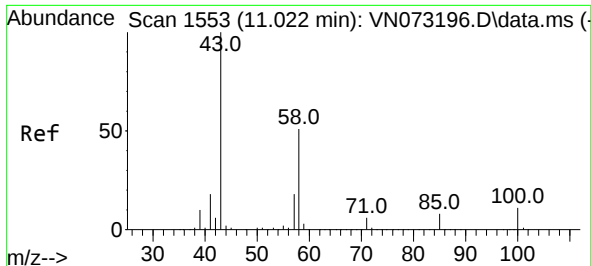
Tgt Ion: 63 Resp: 611322

Ion Ratio Lower Upper

63 100

106 27.6 24.6 36.8





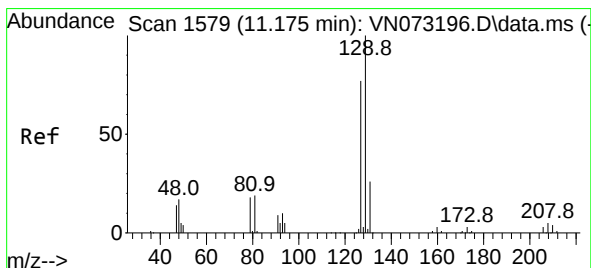
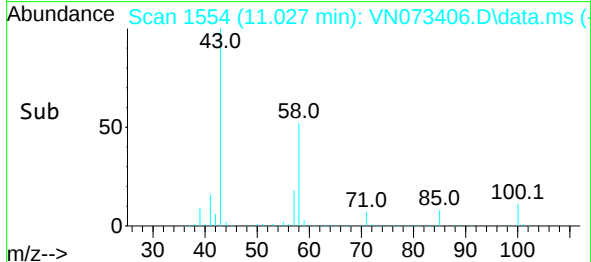
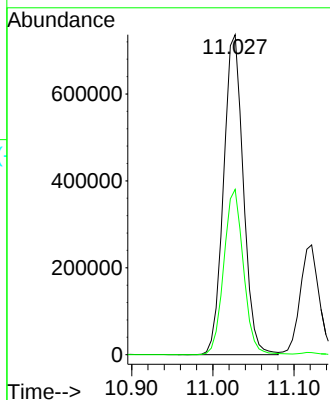
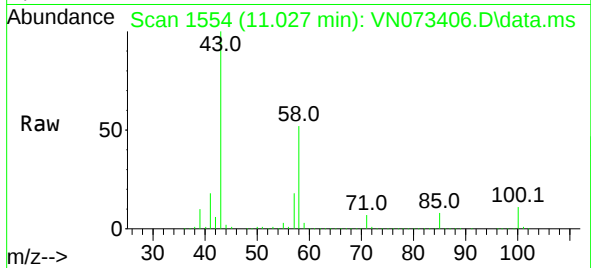
#59
2-Hexanone
Concen: 297.269 ug/l
RT: 11.027 min Scan# 1553
Delta R.T. 0.005 min
Lab File: VN073406.D
Acq: 08 Jul 2022 20:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 124615
Ion Ratio Lower Upper
43 100
58 51.4 29.7 89.1

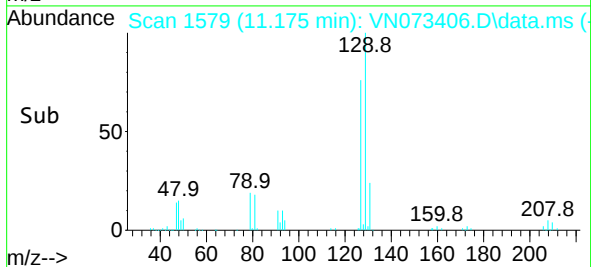
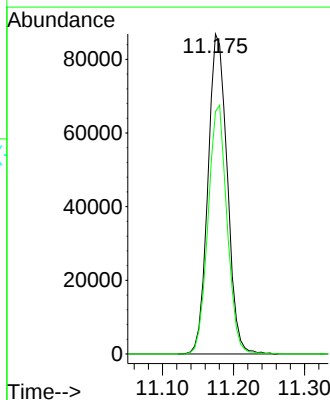
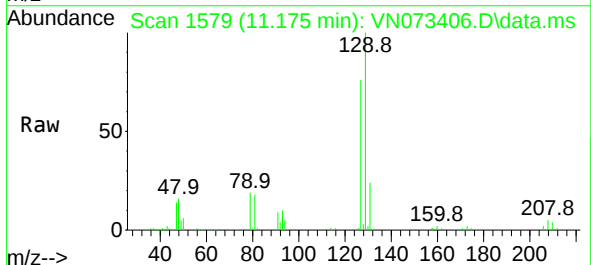
Manual Integrations
APPROVED

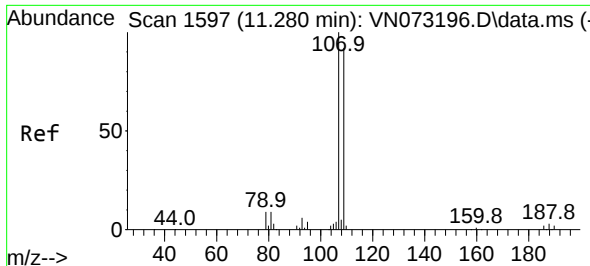
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#60
Dibromochloromethane
Concen: 54.666 ug/l
RT: 11.175 min Scan# 1579
Delta R.T. -0.000 min
Lab File: VN073406.D
Acq: 08 Jul 2022 20:35

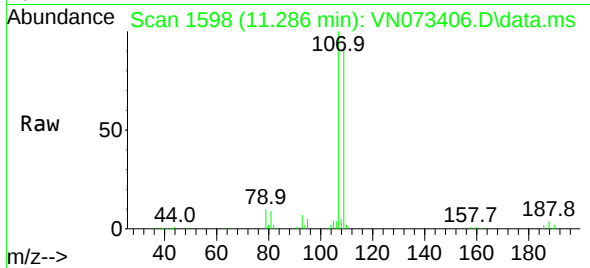
Tgt Ion:129 Resp: 163427
Ion Ratio Lower Upper
129 100
127 76.6 38.8 116.4





#61
1,2-Dibromoethane
Concen: 52.802 ug/l
RT: 11.286 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073406.D
Acq: 08 Jul 2022 20:35

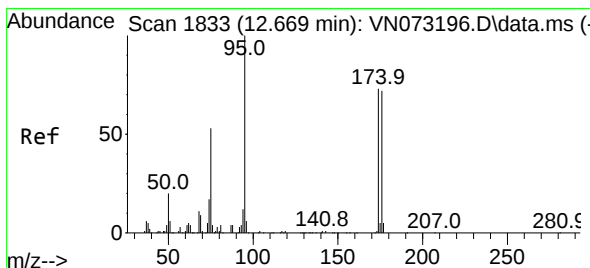
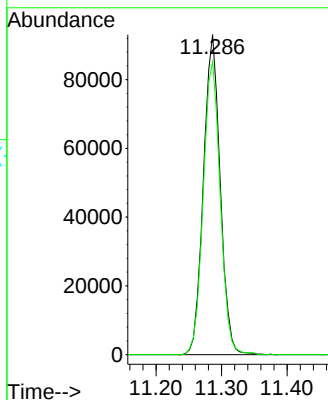
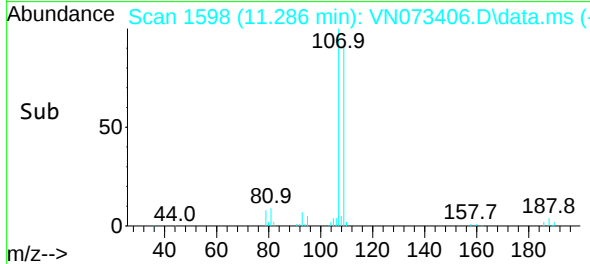
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 165372
Ion Ratio Lower Upper
107 100
109 93.1 75.0 112.6

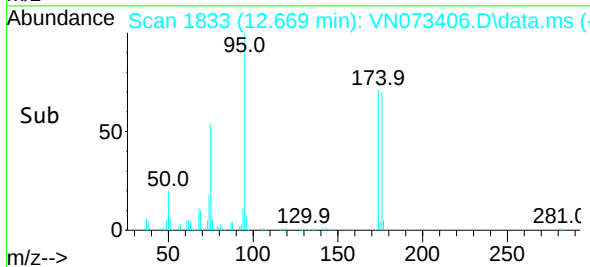
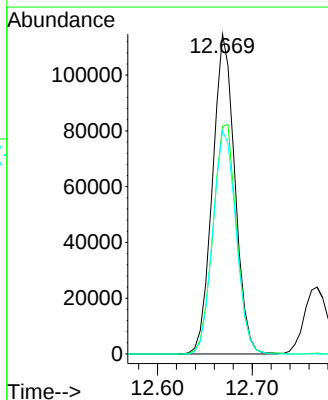
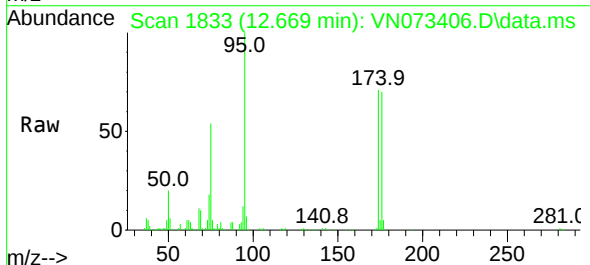
Manual Integrations
APPROVED

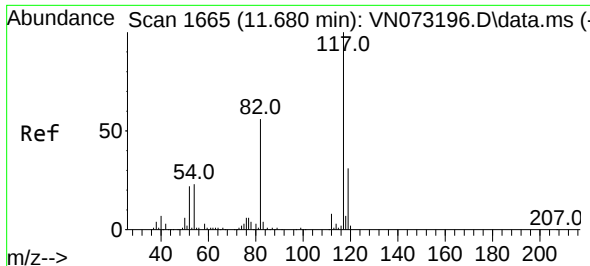
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#62
4-Bromofluorobenzene
Concen: 53.028 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073406.D
Acq: 08 Jul 2022 20:35

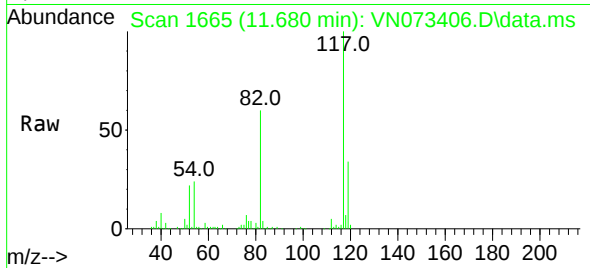
Tgt Ion: 95 Resp: 187843
Ion Ratio Lower Upper
95 100
174 75.4 0.0 167.6
176 72.6 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073406.D
Acq: 08 Jul 2022 20:35

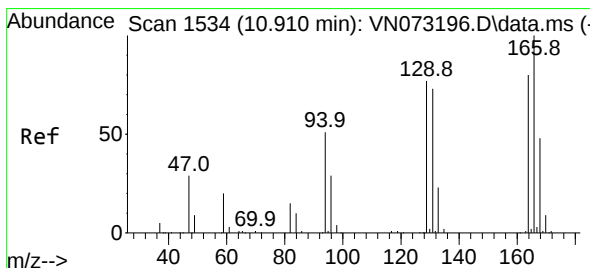
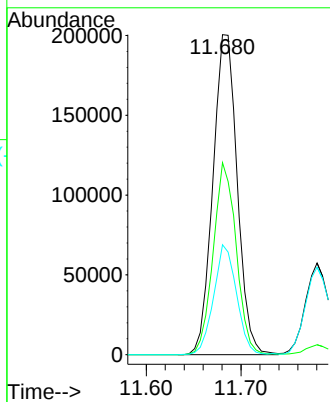
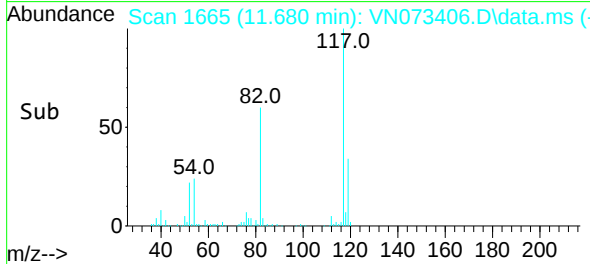
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



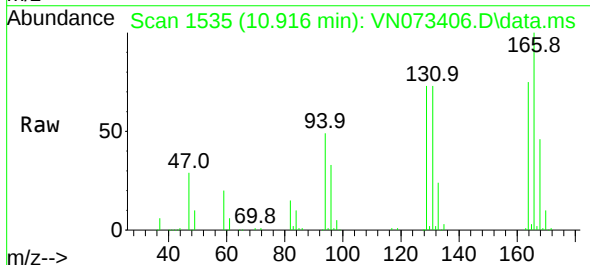
Tgt Ion:117 Resp: 358358
Ion Ratio Lower Upper
117 100
82 60.0 44.2 66.2
119 34.4 25.4 38.0

Manual Integrations
APPROVED

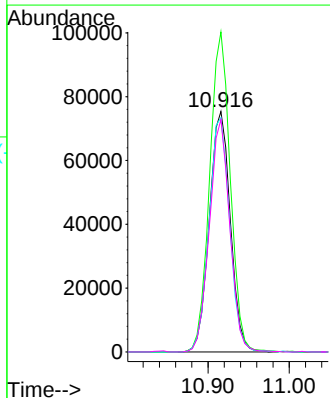
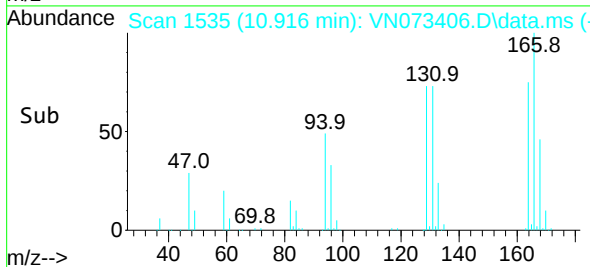
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

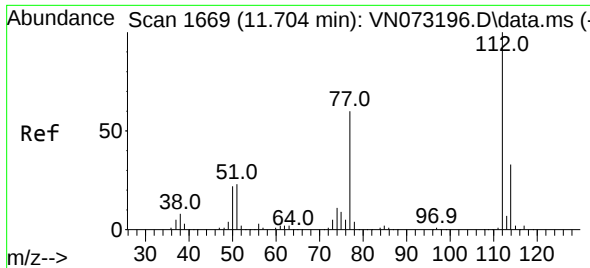


#64
Tetrachloroethene
Concen: 46.343 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. 0.006 min
Lab File: VN073406.D
Acq: 08 Jul 2022 20:35



Tgt Ion:164 Resp: 135611
Ion Ratio Lower Upper
164 100
166 133.1 104.2 156.2
129 97.4 73.9 110.9
131 96.7 69.4 104.2





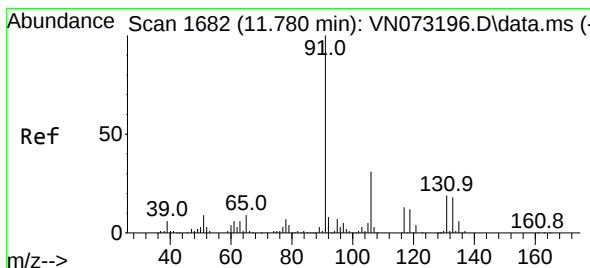
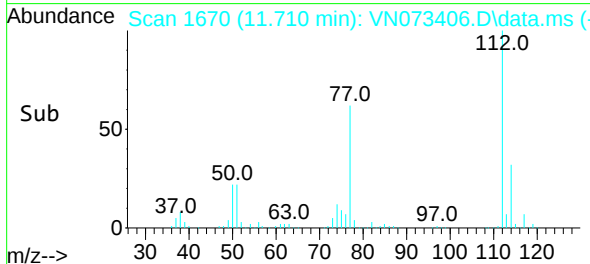
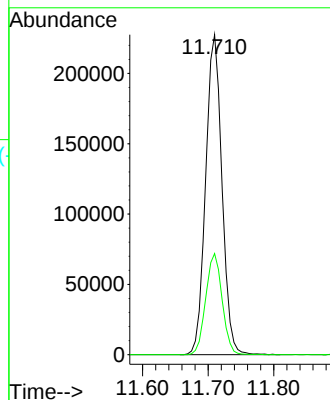
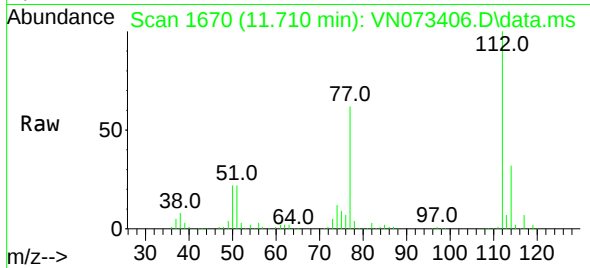
#65
Chlorobenzene
Concen: 48.554 ug/l
RT: 11.710 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN073406.D
Acq: 08 Jul 2022 20:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 39352
Ion Ratio Lower Upper
112 100
114 31.6 25.4 38.2

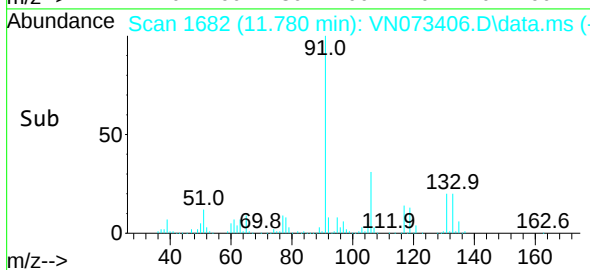
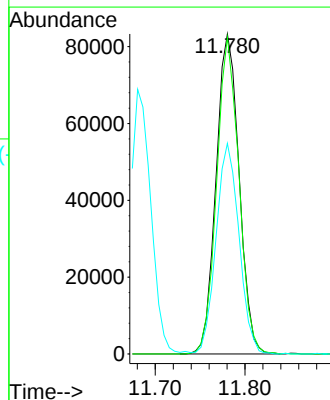
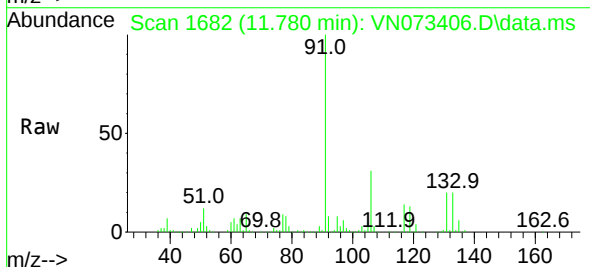
Manual Integrations
APPROVED

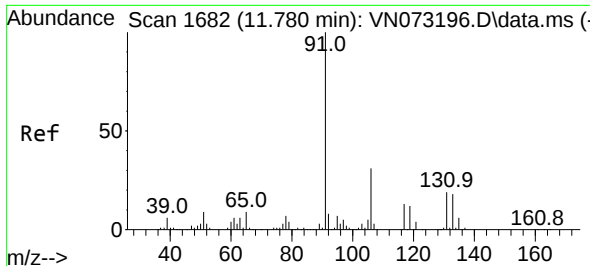
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 49.779 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073406.D
Acq: 08 Jul 2022 20:35

Tgt Ion:131 Resp: 148396
Ion Ratio Lower Upper
131 100
133 95.5 47.8 143.4
119 65.6 33.4 100.2





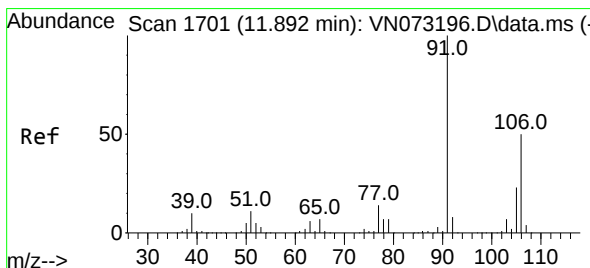
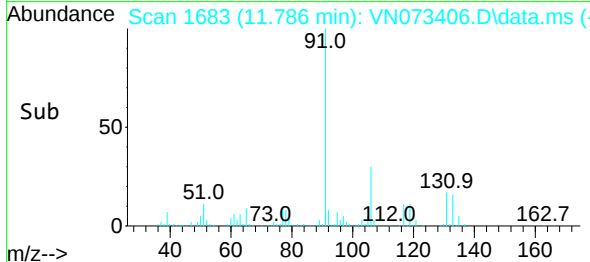
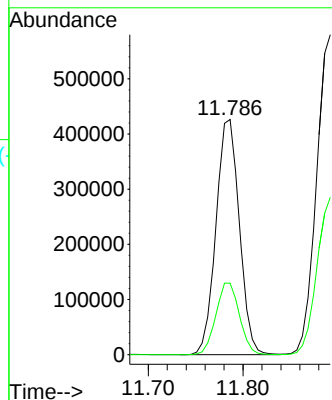
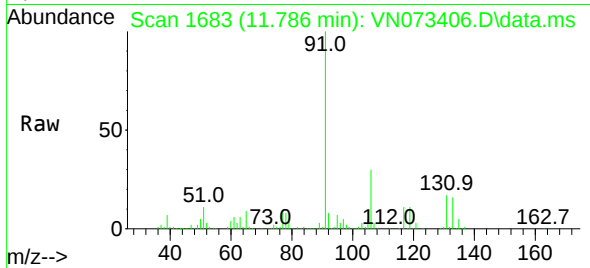
#67
Ethyl Benzene
Concen: 49.722 ug/l
RT: 11.786 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VN073406.D
Acq: 08 Jul 2022 20:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 731604
Ion Ratio Lower Upper
91 100
106 30.4 24.9 37.3

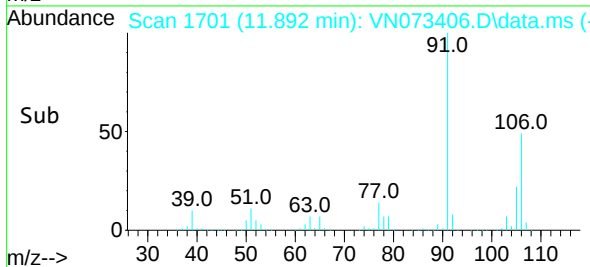
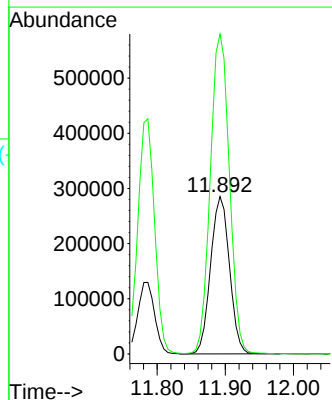
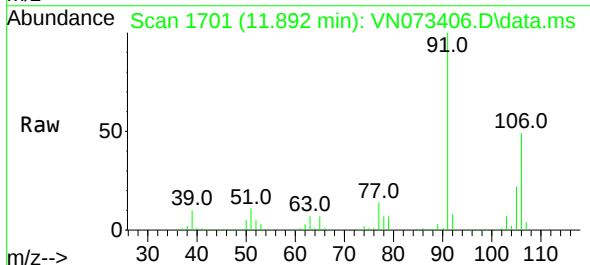
Manual Integrations
APPROVED

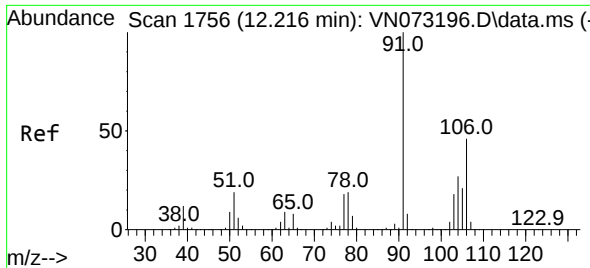
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#68
m/p-Xylenes
Concen: 98.871 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN073406.D
Acq: 08 Jul 2022 20:35

Tgt Ion:106 Resp: 549032
Ion Ratio Lower Upper
106 100
91 206.3 158.9 238.3





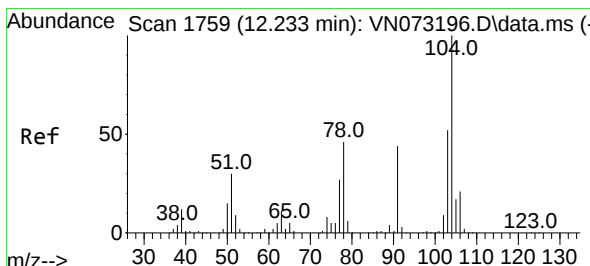
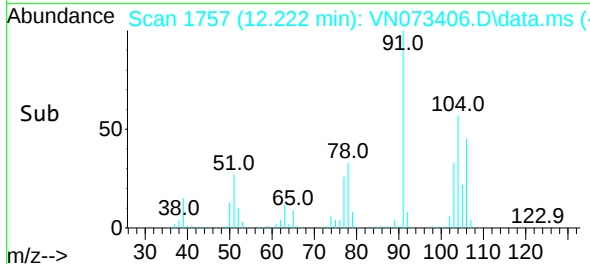
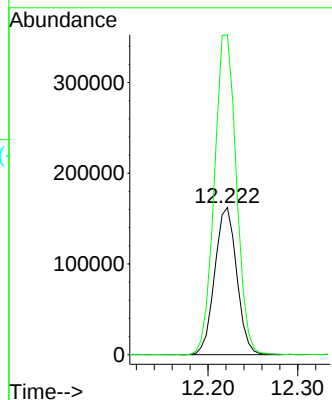
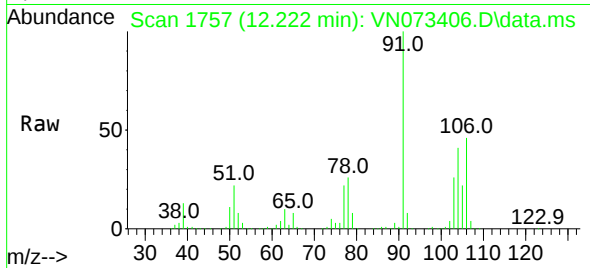
#69
o-Xylene
Concen: 48.747 ug/l
RT: 12.222 min Scan# 1756
Delta R.T. 0.006 min
Lab File: VN073406.D
Acq: 08 Jul 2022 20:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 27634
Ion Ratio Lower Upper
106 100
91 217.9 106.0 318.0

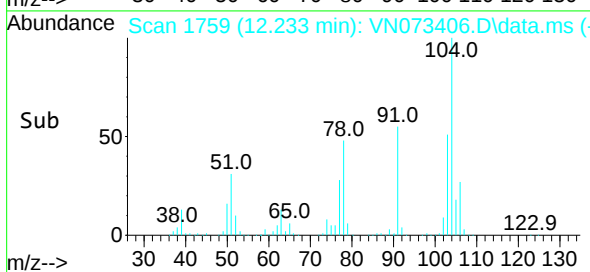
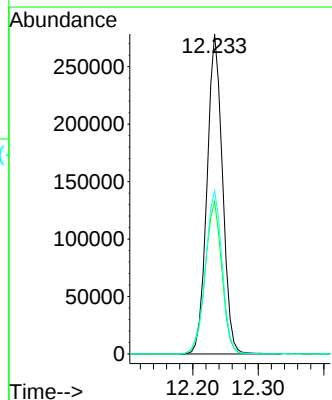
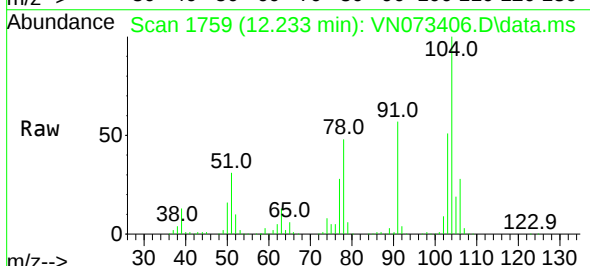
Manual Integrations
APPROVED

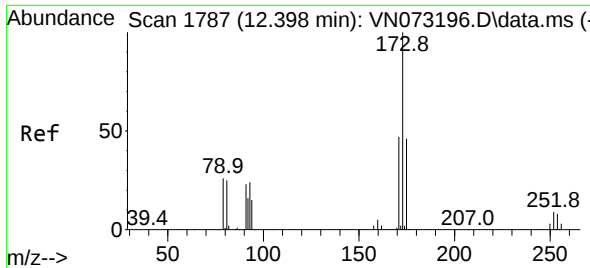
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#70
Styrene
Concen: 52.237 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN073406.D
Acq: 08 Jul 2022 20:35

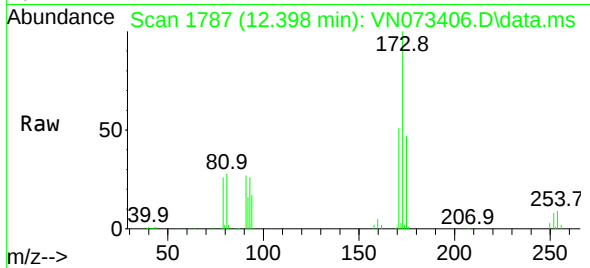
Tgt Ion:104 Resp: 457189
Ion Ratio Lower Upper
104 100
78 51.5 39.5 59.3
103 55.0 44.0 66.0





#71
Bromoform
Concen: 54.764 ug/l
RT: 12.398 min Scan# 1787
Delta R.T. -0.000 min
Lab File: VN073406.D
Acq: 08 Jul 2022 20:35

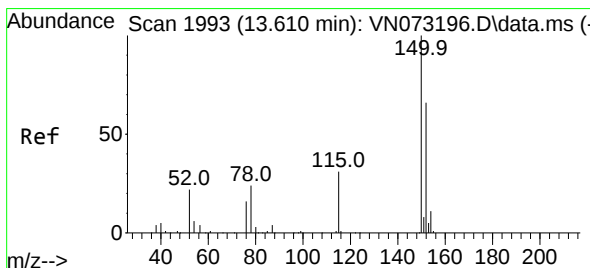
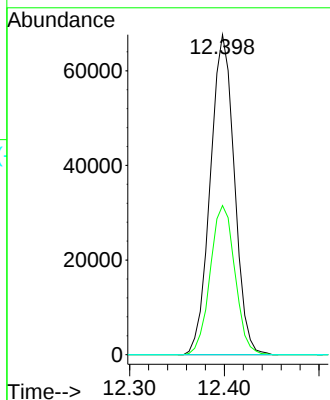
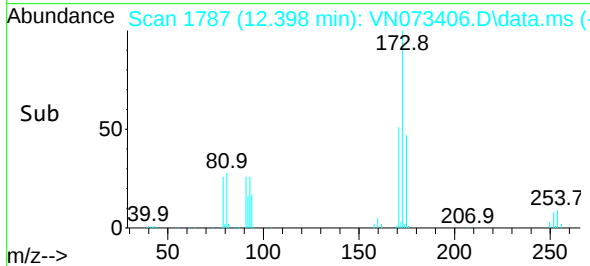
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



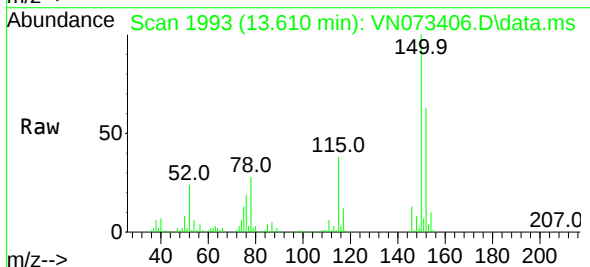
Tgt Ion:173 Resp: 11945
Ion Ratio Lower Upper
173 100
175 47.8 24.6 73.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

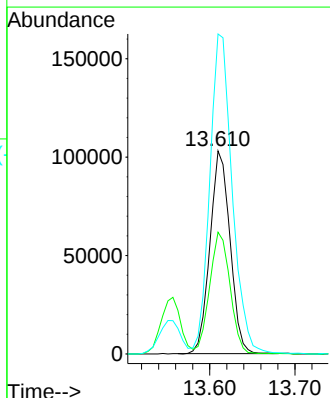
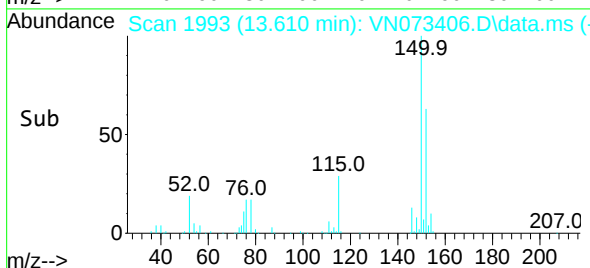
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

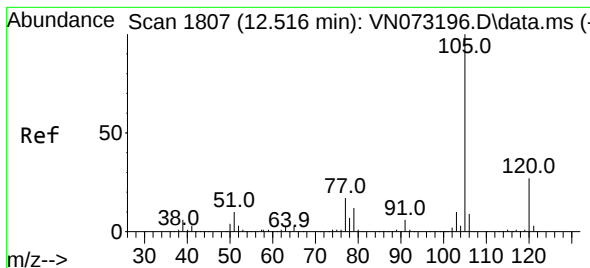


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN073406.D
Acq: 08 Jul 2022 20:35



Tgt Ion:152 Resp: 169043
Ion Ratio Lower Upper
152 100
115 60.6 28.9 86.7
150 176.6 0.0 356.2





#73

Isopropylbenzene

Concen: 49.304 ug/l

RT: 12.522 min Scan# 1808

Delta R.T. 0.006 min

Lab File: VN073406.D

Acq: 08 Jul 2022 20:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 719709

Ion Ratio Lower Upper

105 100

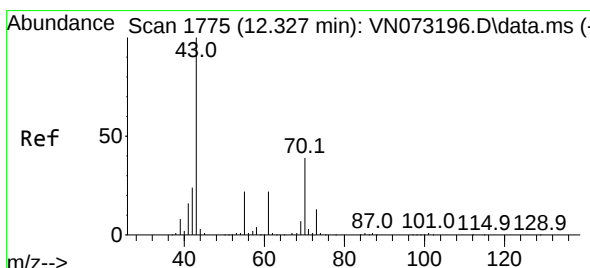
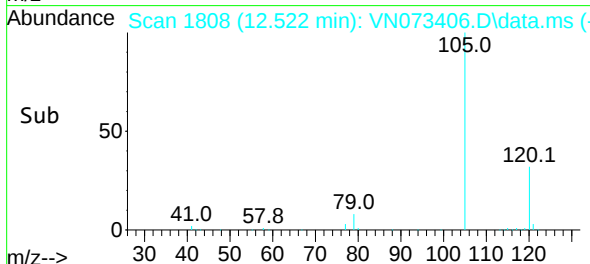
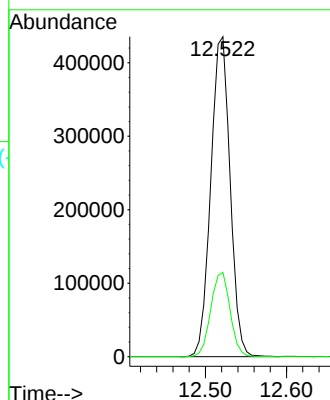
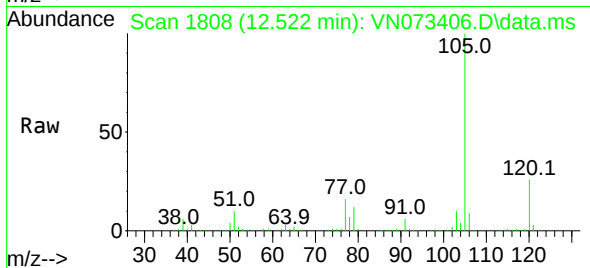
120 26.3 13.5 40.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#74

N-amy1 acetate

Concen: 51.088 ug/l

RT: 12.327 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN073406.D

Acq: 08 Jul 2022 20:35

Tgt Ion: 43 Resp: 373419

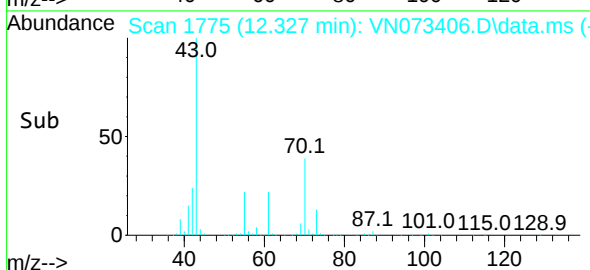
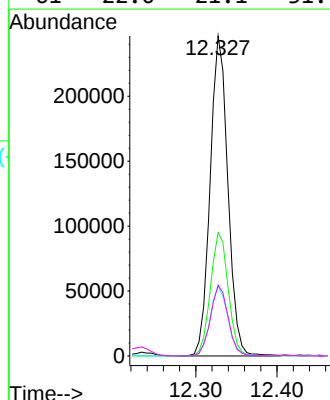
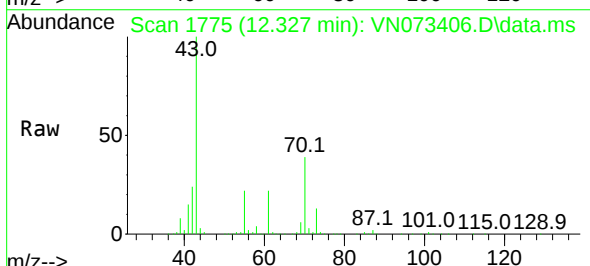
Ion Ratio Lower Upper

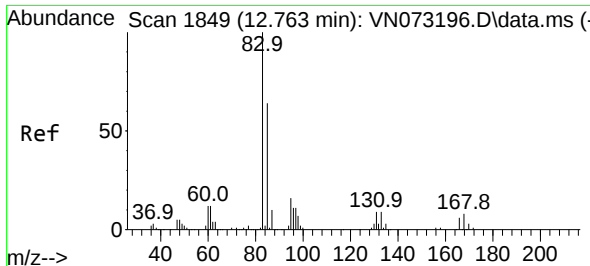
43 100

70 38.7 39.0 58.4#

55 21.9 21.1 31.7

61 22.0 21.1 31.7





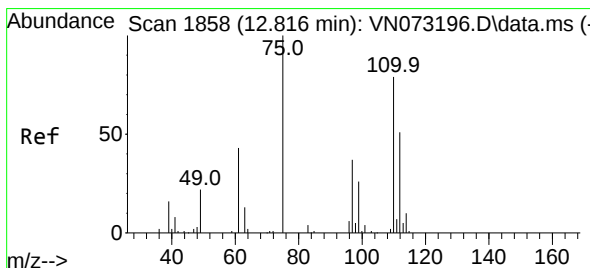
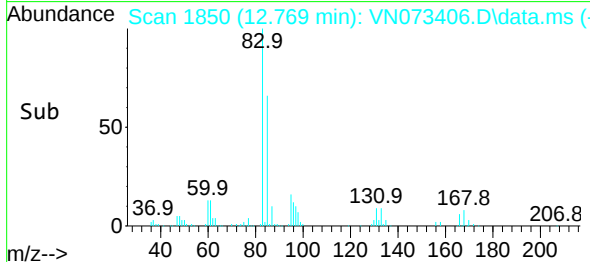
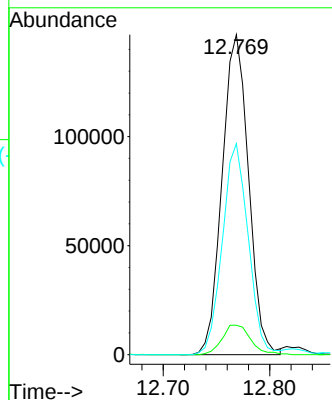
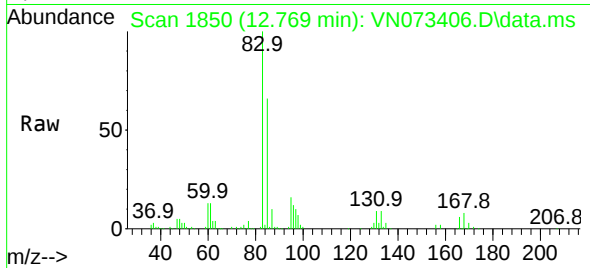
#75
1,1,2,2-Tetrachloroethane
Concen: 52.152 ug/l
RT: 12.769 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN073406.D
Acq: 08 Jul 2022 20:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 252625
Ion Ratio Lower Upper
83 100
131 10.0 5.3 15.9
85 64.5 32.3 96.9

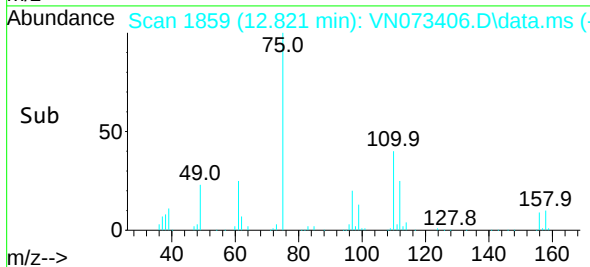
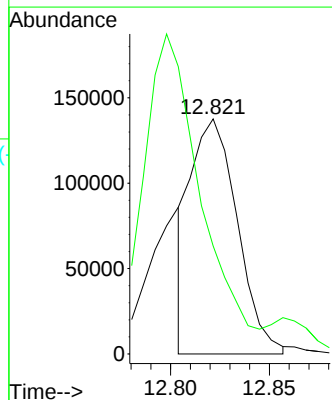
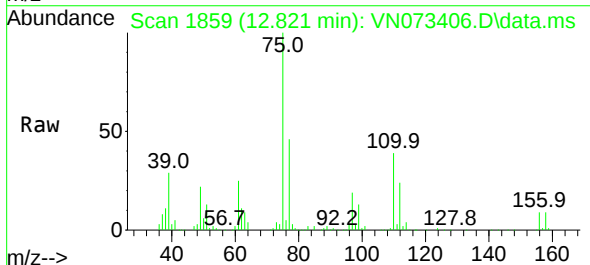
Manual Integrations
APPROVED

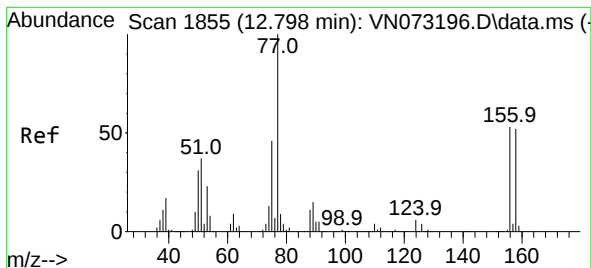
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#76
1,2,3-Trichloropropane
Concen: 51.077 ug/l m
RT: 12.821 min Scan# 1859
Delta R.T. 0.005 min
Lab File: VN073406.D
Acq: 08 Jul 2022 20:35

Tgt Ion: 75 Resp: 225767
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5#





#77

Bromobenzene

Concen: 48.317 ug/l

RT: 12.798 min Scan# 1855

Delta R.T. -0.000 min

Lab File: VN073406.D

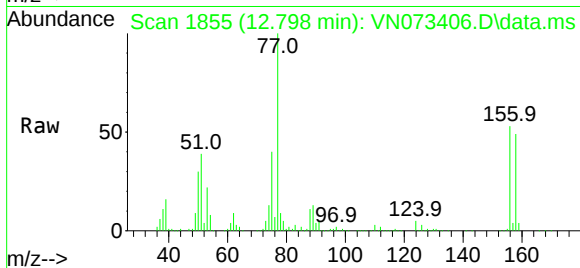
Acq: 08 Jul 2022 20:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion:156 Resp: 16398

Ion Ratio Lower Upper

156 100

77 234.1 100.5 301.5

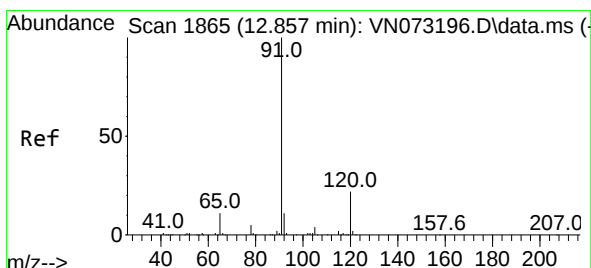
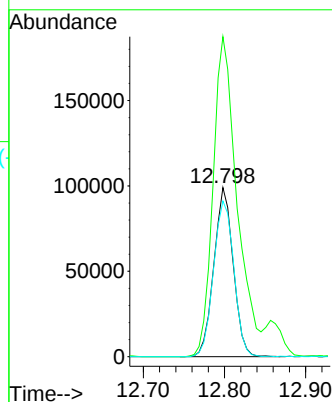
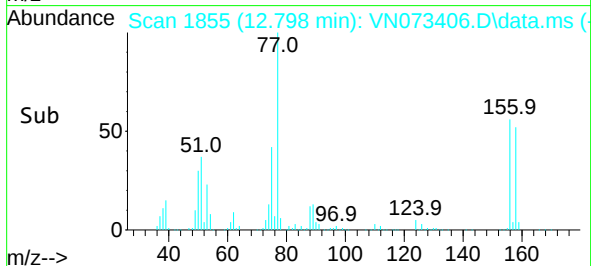
158 96.8 48.9 146.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#78

n-propylbenzene

Concen: 51.258 ug/l

RT: 12.863 min Scan# 1866

Delta R.T. 0.006 min

Lab File: VN073406.D

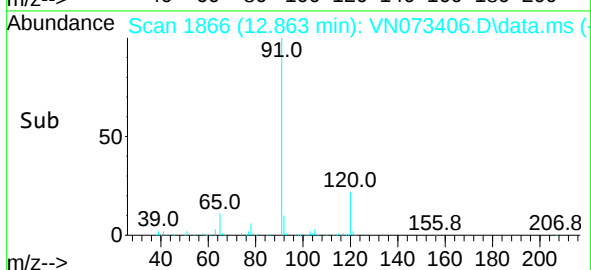
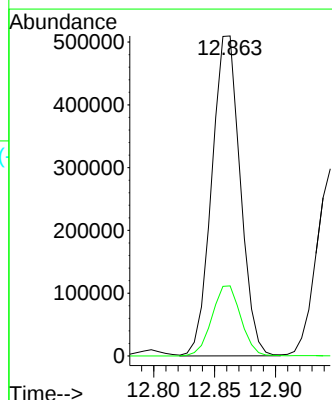
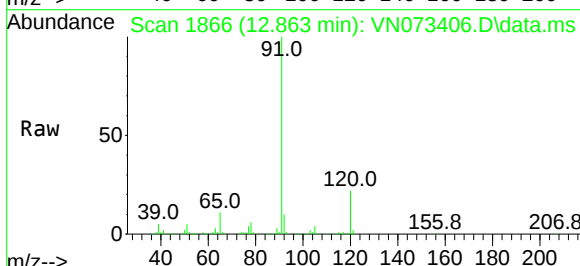
Acq: 08 Jul 2022 20:35

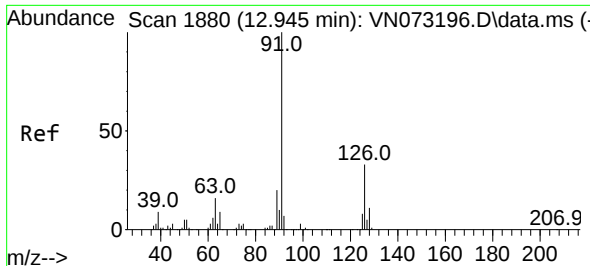
Tgt Ion: 91 Resp: 831229

Ion Ratio Lower Upper

91 100

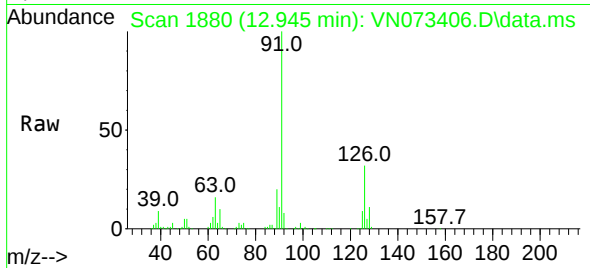
120 22.2 11.9 35.5





#79
2-Chlorotoluene
Concen: 49.802 ug/l
RT: 12.945 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN073406.D
Acq: 08 Jul 2022 20:35

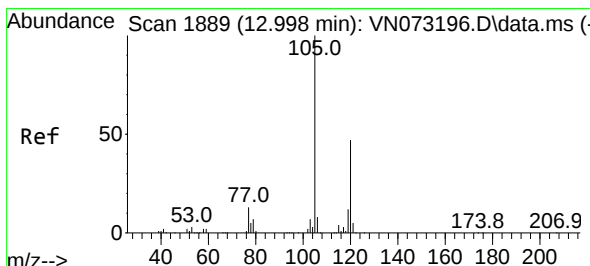
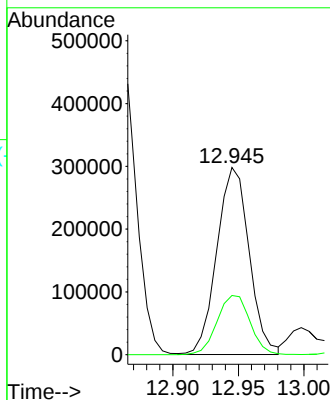
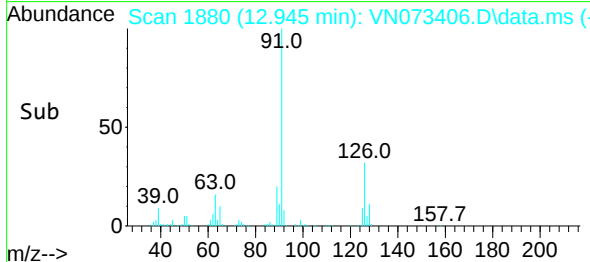
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



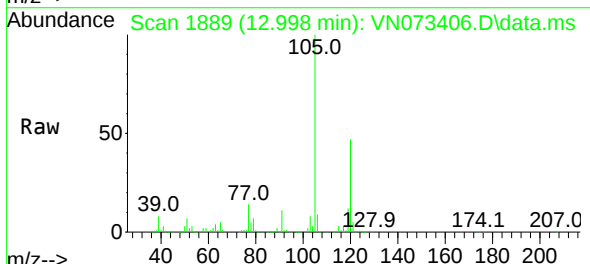
Tgt Ion: 91 Resp: 511150
Ion Ratio Lower Upper
91 100
126 32.2 17.3 51.9

Manual Integrations
APPROVED

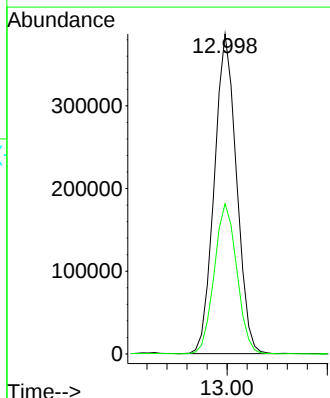
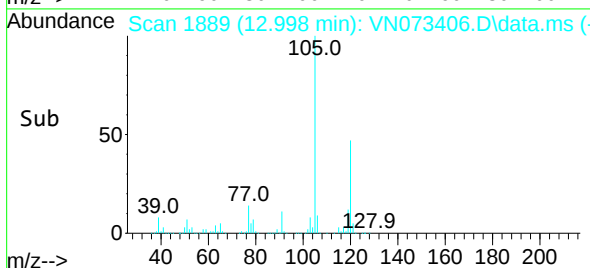
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

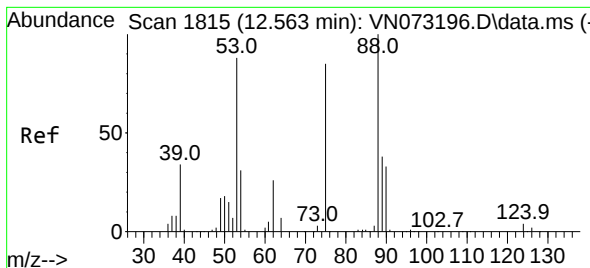


#80
1,3,5-Trimethylbenzene
Concen: 49.795 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN073406.D
Acq: 08 Jul 2022 20:35



Tgt Ion:105 Resp: 592466
Ion Ratio Lower Upper
105 100
120 48.0 24.9 74.7





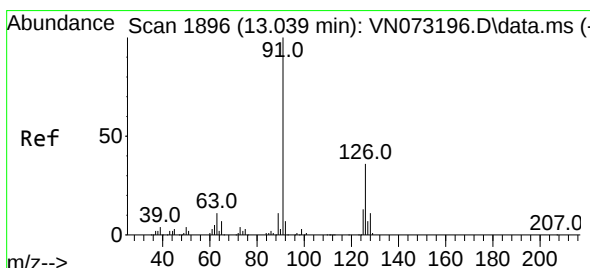
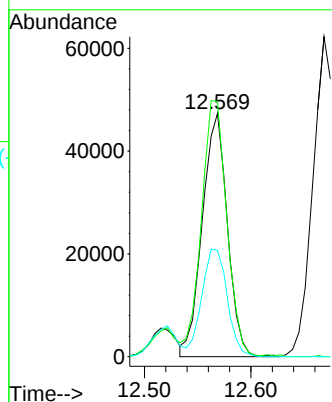
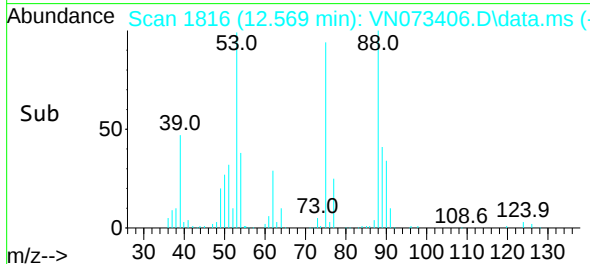
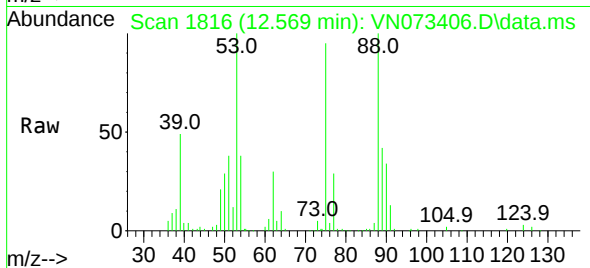
#81
trans-1,4-Dichloro-2-butene
Concen: 47.969 ug/l
RT: 12.569 min Scan# 1815
Delta R.T. 0.006 min
Lab File: VN073406.D
Acq: 08 Jul 2022 20:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 77314
Ion Ratio Lower Upper
75 100
53 105.9 78.0 117.0
89 44.9 37.2 55.8

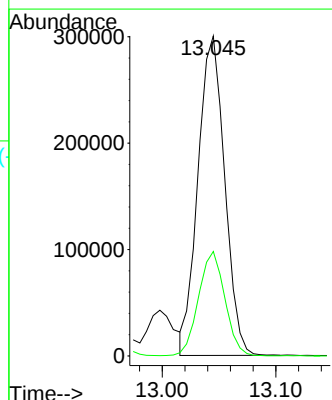
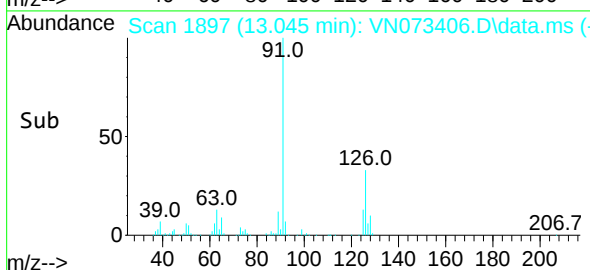
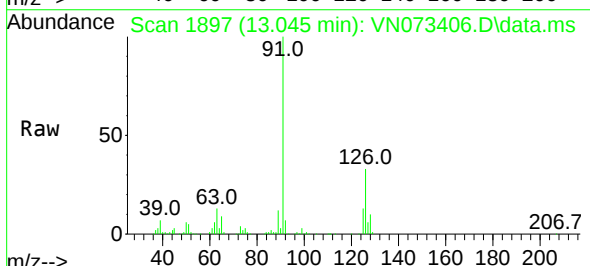
Manual Integrations
APPROVED

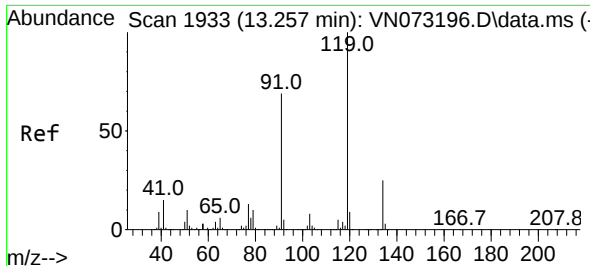
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022



#82
4-Chlorotoluene
Concen: 49.268 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.006 min
Lab File: VN073406.D
Acq: 08 Jul 2022 20:35

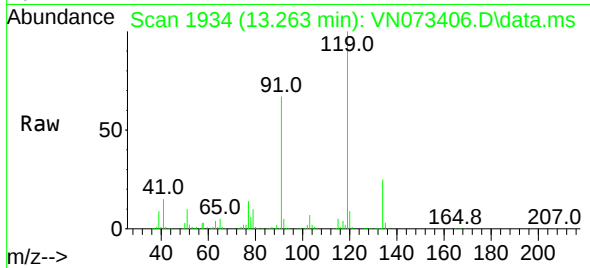
Tgt Ion: 91 Resp: 489555
Ion Ratio Lower Upper
91 100
126 32.2 17.2 51.6





#83
tert-Butylbenzene
Concen: 49.335 ug/l
RT: 13.263 min Scan# 1933
Delta R.T. 0.006 min
Lab File: VN073406.D
Acq: 08 Jul 2022 20:35

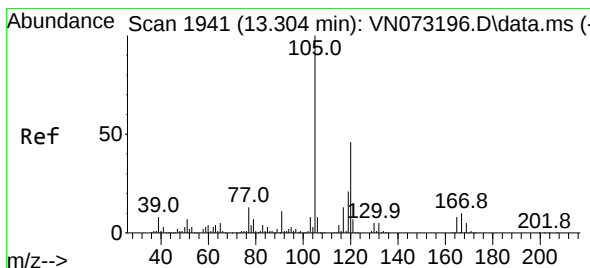
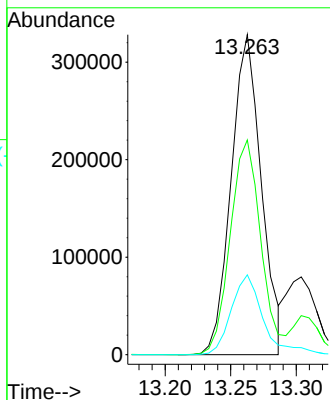
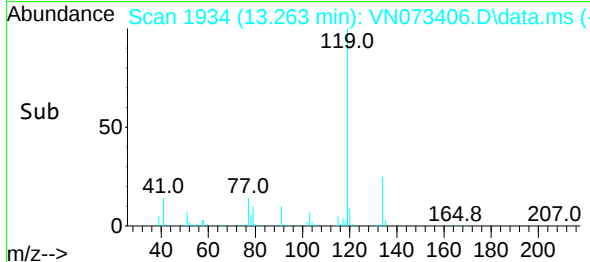
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



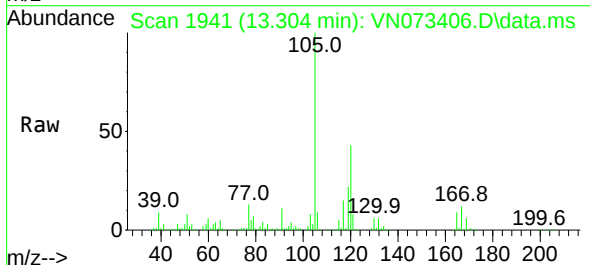
Tgt Ion:119 Resp: 526250
Ion Ratio Lower Upper
119 100
91 68.5 31.6 94.8
134 26.4 13.7 41.1

Manual Integrations
APPROVED

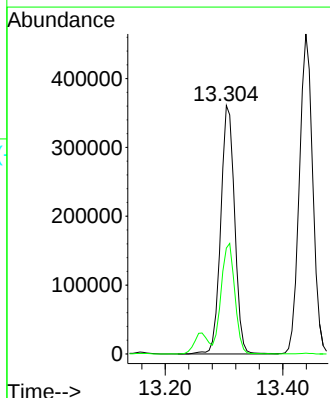
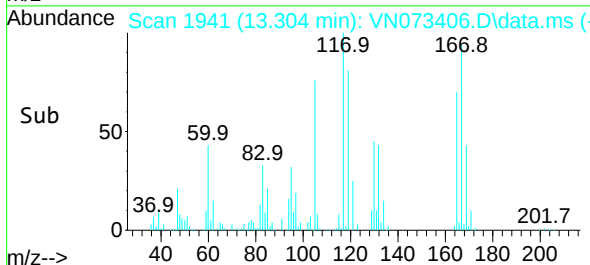
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

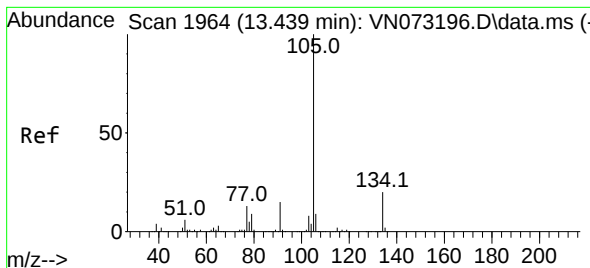


#84
1,2,4-Trimethylbenzene
Concen: 49.785 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VN073406.D
Acq: 08 Jul 2022 20:35



Tgt Ion:105 Resp: 591406
Ion Ratio Lower Upper
105 100
120 44.0 23.3 69.8





#85

sec-Butylbenzene

Concen: 50.977 ug/l

RT: 13.439 min Scan# 1964

Delta R.T. 0.000 min

Lab File: VN073406.D

Acq: 08 Jul 2022 20:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 73016

Ion Ratio Lower Upper

105 100

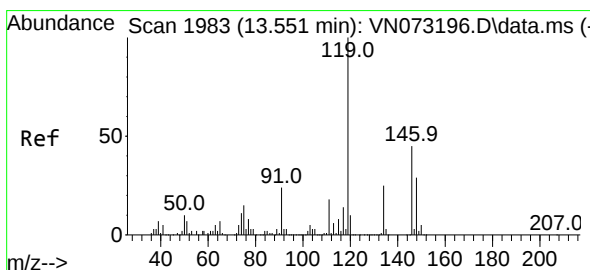
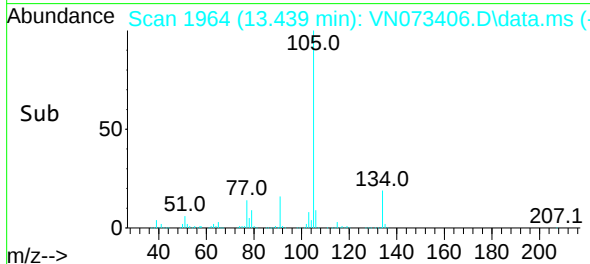
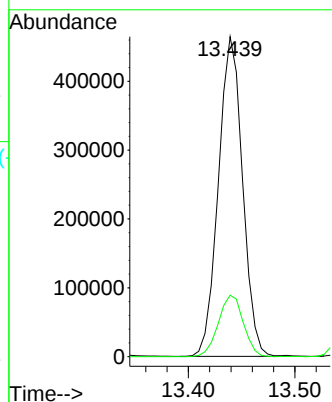
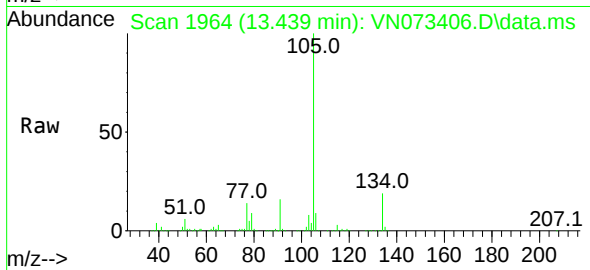
134 19.9 10.4 31.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#86

p-Isopropyltoluene

Concen: 51.051 ug/l

RT: 13.557 min Scan# 1984

Delta R.T. 0.006 min

Lab File: VN073406.D

Acq: 08 Jul 2022 20:35

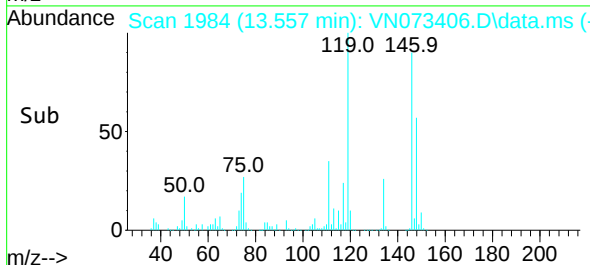
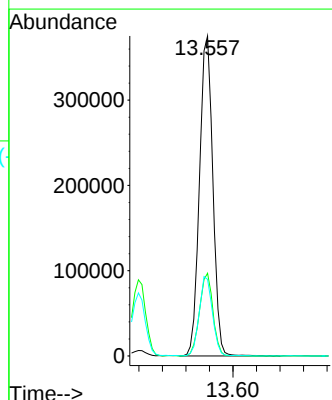
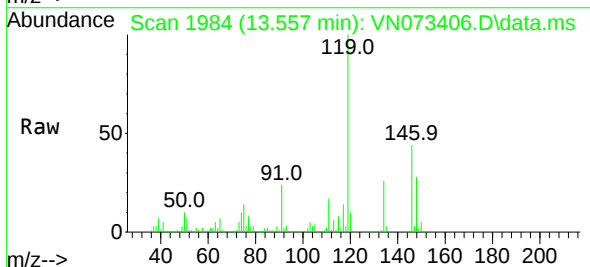
Tgt Ion:119 Resp: 590688

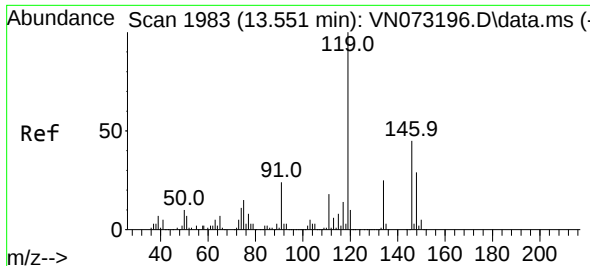
Ion Ratio Lower Upper

119 100

134 26.0 13.3 39.8

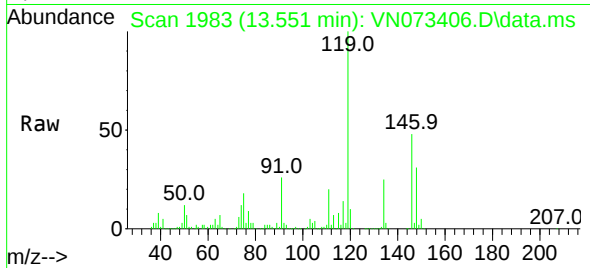
91 24.4 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 48.009 ug/l
RT: 13.551 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VN073406.D
Acq: 08 Jul 2022 20:35

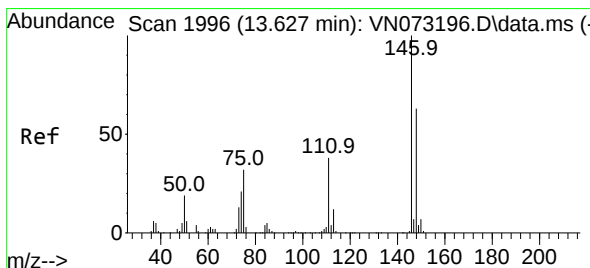
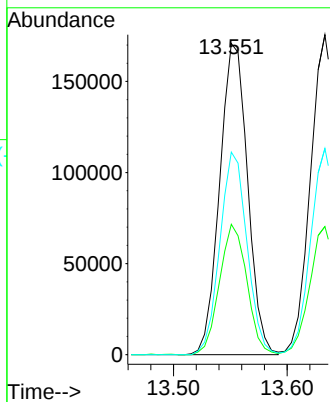
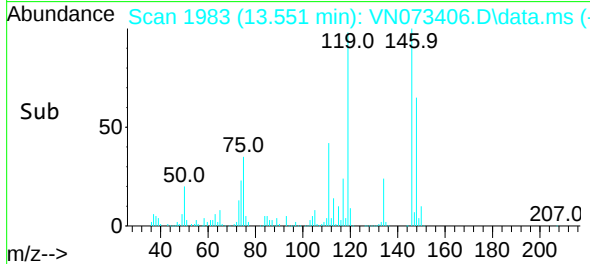
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



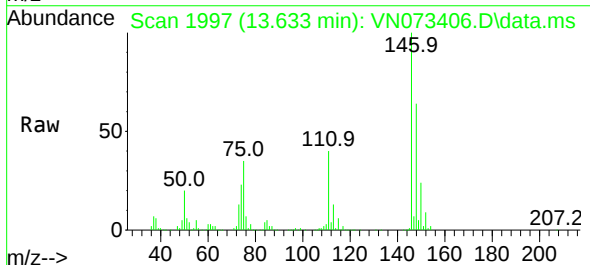
Tgt Ion:146 Resp: 292308
Ion Ratio Lower Upper
146 100
111 41.0 20.0 60.0
148 63.2 32.0 96.0

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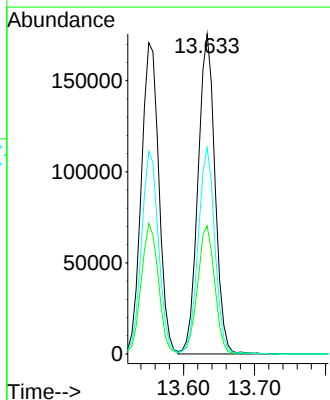
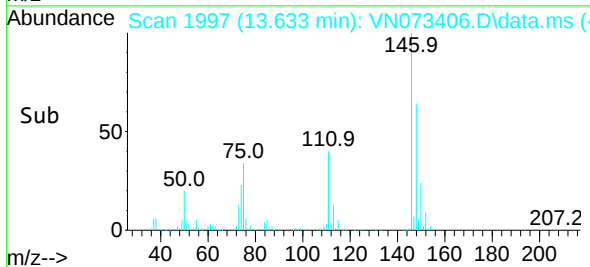
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

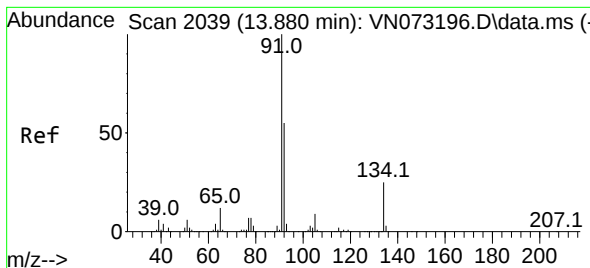


#88
1,4-Dichlorobenzene
Concen: 47.988 ug/l
RT: 13.633 min Scan# 1997
Delta R.T. 0.006 min
Lab File: VN073406.D
Acq: 08 Jul 2022 20:35



Tgt Ion:146 Resp: 292754
Ion Ratio Lower Upper
146 100
111 39.8 19.1 57.1
148 63.5 31.4 94.3





#89

n-Butylbenzene

Concen: 51.013 ug/l

RT: 13.880 min Scan# 2039

Delta R.T. 0.000 min

Lab File: VN073406.D

Acq: 08 Jul 2022 20:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

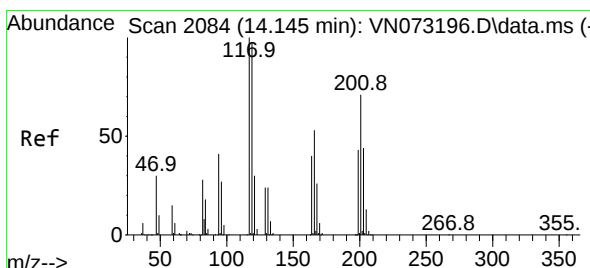
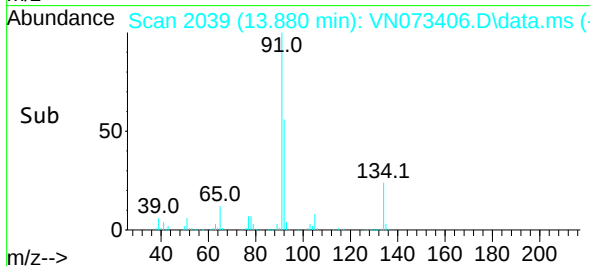
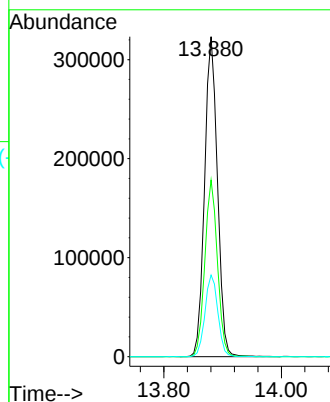
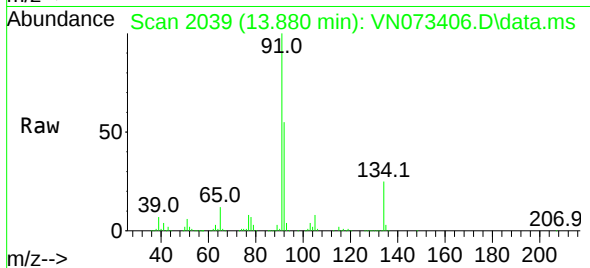
Tgt Ion: 91 Resp: 49185
 Ion Ratio Lower Upper
 91 100
 92 54.1 26.9 80.7
 134 25.6 13.6 40.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#90

Hexachloroethane

Concen: 50.915 ug/l

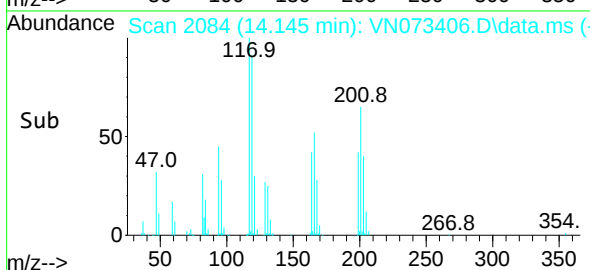
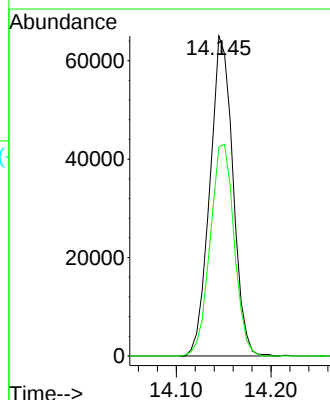
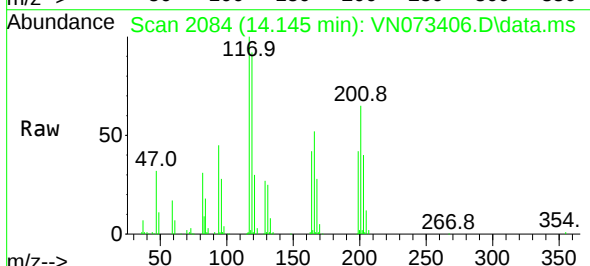
RT: 14.145 min Scan# 2084

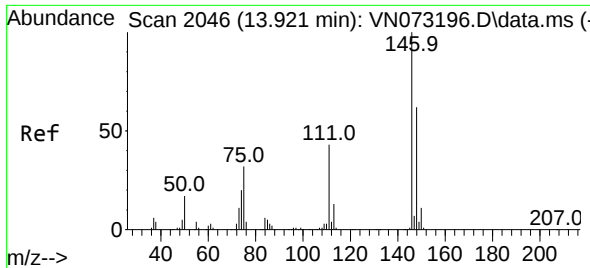
Delta R.T. -0.000 min

Lab File: VN073406.D

Acq: 08 Jul 2022 20:35

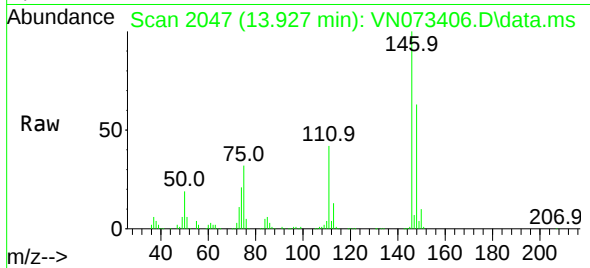
Tgt Ion:117 Resp: 109790
 Ion Ratio Lower Upper
 117 100
 201 68.8 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 48.632 ug/l
RT: 13.927 min Scan# 2046
Delta R.T. 0.006 min
Lab File: VN073406.D
Acq: 08 Jul 2022 20:35

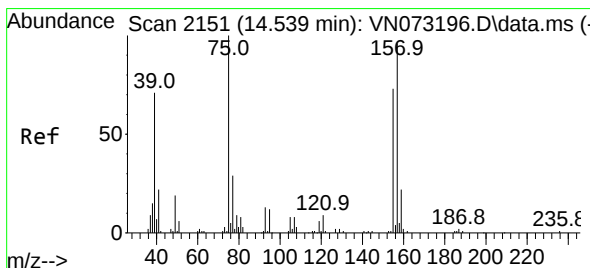
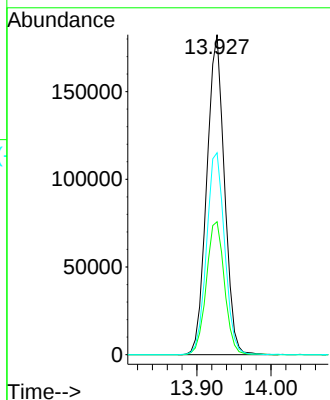
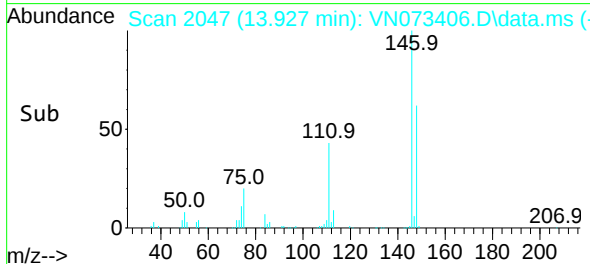
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



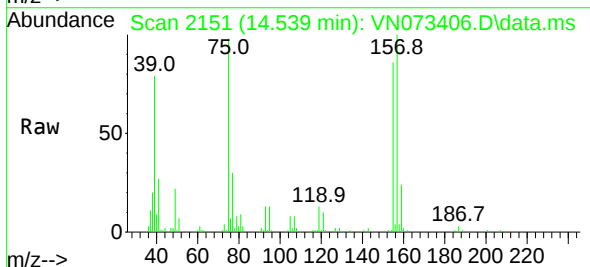
Tgt Ion:146 Resp: 30163
Ion Ratio Lower Upper
146 100
111 42.7 20.9 62.8
148 64.7 32.1 96.3

Manual Integrations
APPROVED

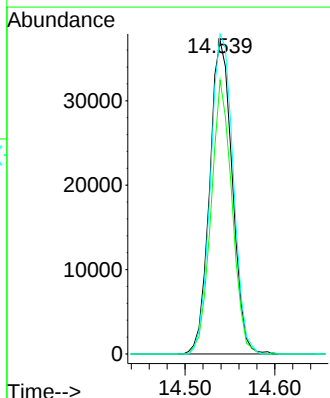
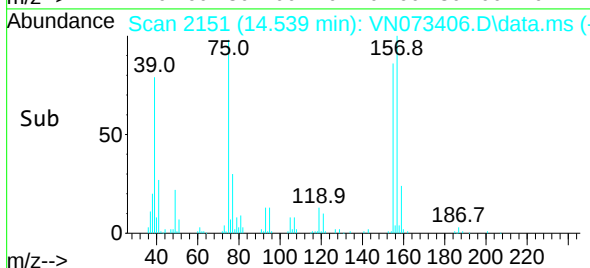
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

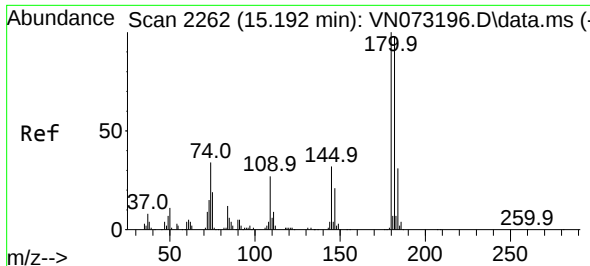


#92
1,2-Dibromo-3-Chloropropane
Concen: 55.257 ug/l
RT: 14.539 min Scan# 2151
Delta R.T. 0.000 min
Lab File: VN073406.D
Acq: 08 Jul 2022 20:35



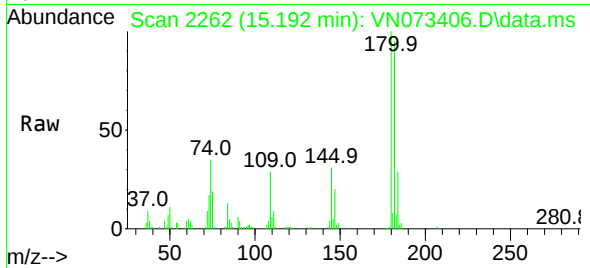
Tgt Ion: 75 Resp: 65057
Ion Ratio Lower Upper
75 100
155 80.4 44.9 134.5
157 102.2 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 48.878 ug/l
RT: 15.192 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN073406.D
Acq: 08 Jul 2022 20:35

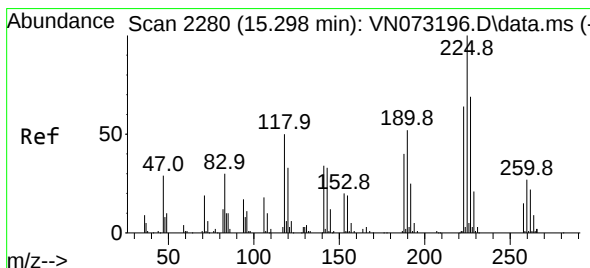
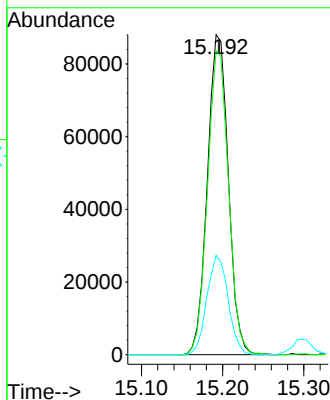
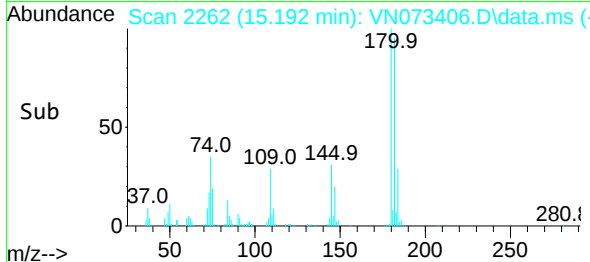
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



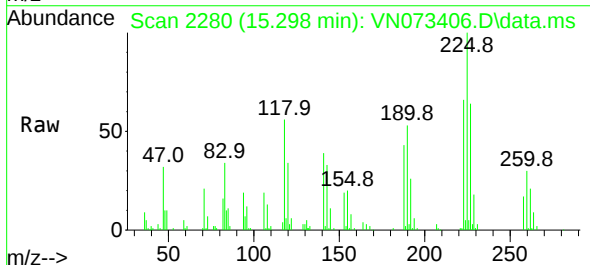
Tgt Ion:180 Resp: 15785
Ion Ratio Lower Upper
180 100
182 95.4 47.5 142.5
145 31.5 14.5 43.5

Manual Integrations
APPROVED

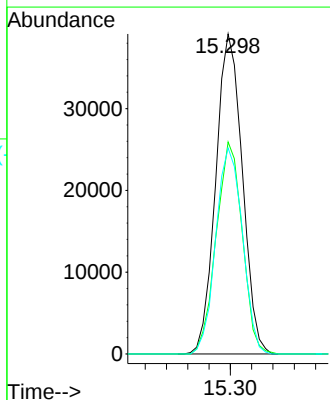
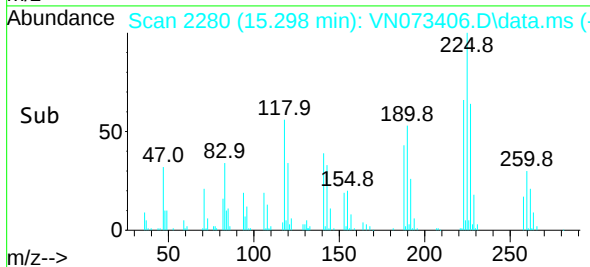
Reviewed By :John Carlone 07/11/2022
Supervised By :Mahesh Dadoda 07/11/2022

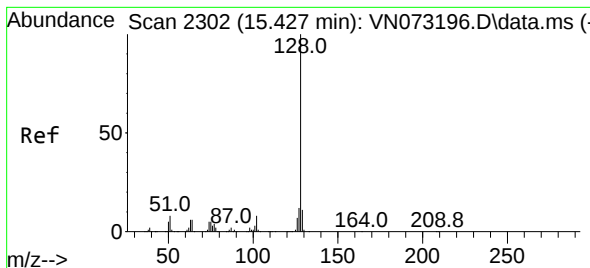


#94
Hexachlorobutadiene
Concen: 47.123 ug/l
RT: 15.298 min Scan# 2280
Delta R.T. -0.000 min
Lab File: VN073406.D
Acq: 08 Jul 2022 20:35



Tgt Ion:225 Resp: 67651
Ion Ratio Lower Upper
225 100
223 65.0 32.4 97.2
227 64.6 31.8 95.4





#95

Naphthalene

Concen: 48.653 ug/l

RT: 15.433 min Scan# 2303

Delta R.T. 0.006 min

Lab File: VN073406.D

Acq: 08 Jul 2022 20:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

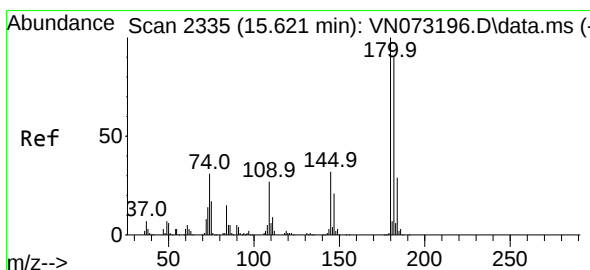
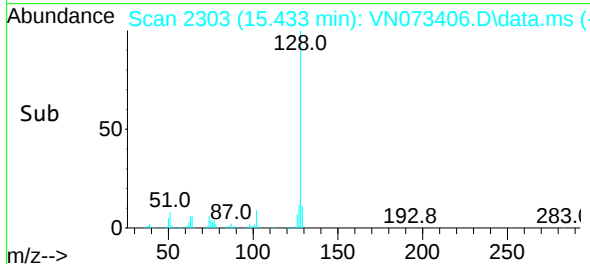
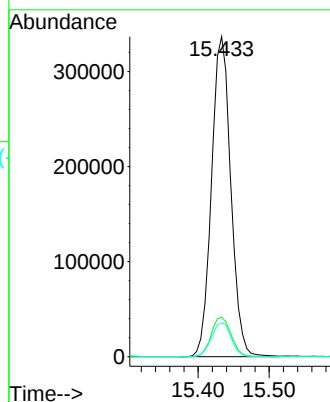
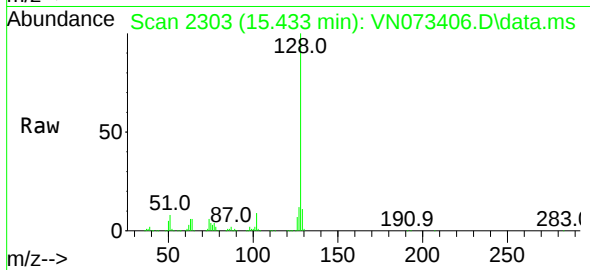
Tgt Ion:	128	Resp:	63386
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.3	15.5
129	10.9	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/11/2022

Supervised By :Mahesh Dadoda 07/11/2022



#96

1,2,3-Trichlorobenzene

Concen: 48.759 ug/l

RT: 15.627 min Scan# 2336

Delta R.T. 0.006 min

Lab File: VN073406.D

Acq: 08 Jul 2022 20:35

Tgt Ion:	180	Resp:	162438
Ion Ratio	Lower	Upper	
180	100		
182	96.6	47.8	143.3
145	34.4	15.5	46.5

