

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071222\
 Data File : VN073441.D
 Acq On : 12 Jul 2022 17:15
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/13/2022
 Supervised By : Mahesh Dadoda 07/13/2022

Quant Time: Jul 13 06:19:10 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	8.010	168	210491	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	358675	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	333843	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	166052	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	150828	49.636	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.280%		
35) Dibromofluoromethane	7.945	113	120224	50.381	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.760%		
50) Toluene-d8	10.374	98	412155	48.630	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.260%		
62) 4-Bromofluorobenzene	12.668	95	171253	52.579	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.160%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	147498	47.929	ug/l	99
3) Chloromethane	2.269	50	140859	47.146	ug/l	99
4) Vinyl Chloride	2.404	62	114809	45.226	ug/l	97
5) Bromomethane	2.787	94	51607	43.041	ug/l	97
6) Chloroethane	2.951	64	74123	49.637	ug/l	97
7) Trichlorofluoromethane	3.304	101	197546	45.012	ug/l	99
8) Diethyl Ether	3.763	74	90055	50.407	ug/l	76
9) 1,1,2-Trichlorotrifluo...	4.134	101	130240	50.223	ug/l	96
10) Methyl Iodide	4.345	142	127738	41.208	ug/l	92
11) Tert butyl alcohol	5.292	59	199728	271.332	ug/l	99
12) 1,1-Dichloroethene	4.110	96	118302	47.743	ug/l	95
13) Acrolein	3.975	56	97863	210.337	ug/l	99
14) Allyl chloride	4.757	41	273307	52.357	ug/l #	90
15) Acrylonitrile	5.475	53	560440	295.759	ug/l	99
16) Acetone	4.216	43	499033	292.575	ug/l	95
17) Carbon Disulfide	4.451	76	284250	44.240	ug/l	98
18) Methyl Acetate	4.775	43	288866	60.434	ug/l #	88
19) Methyl tert-butyl Ether	5.528	73	482585	53.436	ug/l	99
20) Methylene Chloride	5.010	84	149475	49.866	ug/l	91
21) trans-1,2-Dichloroethene	5.504	96	126875	49.003	ug/l	93
22) Diisopropyl ether	6.410	45	554300	56.906	ug/l #	93
23) Vinyl Acetate	6.351	43	2399719	275.163	ug/l #	93
24) 1,1-Dichloroethane	6.298	63	274363	54.429	ug/l	99
25) 2-Butanone	7.257	43	807144	297.226	ug/l #	89
26) 2,2-Dichloropropane	7.245	77	207499	44.509	ug/l	96
27) cis-1,2-Dichloroethene	7.245	96	160290	51.123	ug/l	95
28) Bromochloromethane	7.581	49	125337	59.371	ug/l #	80
29) Tetrahydrofuran	7.604	42	549605	295.578	ug/l #	84
30) Chloroform	7.745	83	273326	53.836	ug/l	100
31) Cyclohexane	8.016	56	229976	46.212	ug/l	86
32) 1,1,1-Trichloroethane	7.939	97	235573	52.067	ug/l	99
36) 1,1-Dichloropropene	8.145	75	188977	51.467	ug/l	98
37) Ethyl Acetate	7.334	43	307708	55.462	ug/l #	95
38) Carbon Tetrachloride	8.133	117	187322	49.332	ug/l	95
39) Methylcyclohexane	9.392	83	223664	48.927	ug/l	92
40) Benzene	8.386	78	592329	52.271	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.557	41	148220	55.086	ug/l #	85
42) 1,2-Dichloroethane	8.457	62	224306	54.606	ug/l	97
43) Isopropyl Acetate	8.492	43	450869	56.546	ug/l #	92
44) Trichloroethene	9.151	130	139521	48.382	ug/l	93
45) 1,2-Dichloropropane	9.422	63	157595	54.564	ug/l	98
46) Dibromomethane	9.516	93	105749	53.923	ug/l	90
47) Bromodichloromethane	9.698	83	215315	56.688	ug/l	99
48) Methyl methacrylate	9.492	41	215848	58.466	ug/l #	87
49) 1,4-Dioxane	9.504	88	83187	1186.947	ug/l #	91
51) 4-Methyl-2-Pentanone	10.269	43	1551338	306.805	ug/l	90
52) Toluene	10.439	92	365242	52.155	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	223053	53.345	ug/l	100
54) cis-1,3-Dichloropropene	10.127	75	242758	53.777	ug/l #	91
55) 1,1,2-Trichloroethane	10.839	97	153234	53.150	ug/l	99
56) Ethyl methacrylate	10.698	69	256971	55.145	ug/l #	85
57) 1,3-Dichloropropane	10.980	76	269772	54.585	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.980	63	608472	292.783	ug/l	94
59) 2-Hexanone	11.027	43	1188236	308.283	ug/l	89
60) Dibromochloromethane	11.174	129	156618	56.978	ug/l	99
61) 1,2-Dibromoethane	11.286	107	156637	54.394	ug/l	100
64) Tetrachloroethene	10.916	164	128129	47.001	ug/l	95
65) Chlorobenzene	11.710	112	381647	50.547	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	141813	51.064	ug/l	99
67) Ethyl Benzene	11.786	91	714991	52.161	ug/l	99
68) m/p-Xylenes	11.892	106	537761	103.953	ug/l	96
69) o-Xylene	12.221	106	266798	50.520	ug/l	94
70) Styrene	12.233	104	446893	54.810	ug/l	98
71) Bromoform	12.398	173	112768	55.493	ug/l #	99
73) Isopropylbenzene	12.516	105	708018	49.376	ug/l	99
74) N-amyl acetate	12.327	43	348919	48.596	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.768	83	246918	51.892	ug/l	98
76) 1,2,3-Trichloropropane	12.821	75	218938m	50.424	ug/l	
77) Bromobenzene	12.798	156	159336	47.793	ug/l	85
78) n-propylbenzene	12.857	91	827943	51.975	ug/l	97
79) 2-Chlorotoluene	12.945	91	497869	49.382	ug/l	96
80) 1,3,5-Trimethylbenzene	12.998	105	588752	50.374	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.568	75	75617	47.761	ug/l	89
82) 4-Chlorotoluene	13.045	91	485868	49.778	ug/l	96
83) tert-Butylbenzene	13.263	119	509518	48.627	ug/l	94
84) 1,2,4-Trimethylbenzene	13.304	105	589175	50.491	ug/l	96
85) sec-Butylbenzene	13.439	105	736851	52.370	ug/l	97
86) p-Isopropyltoluene	13.557	119	589692	51.882	ug/l	97
87) 1,3-Dichlorobenzene	13.551	146	291118	48.674	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	288483	48.140	ug/l	98
89) n-Butylbenzene	13.880	91	505865	53.411	ug/l	98
90) Hexachloroethane	14.151	117	104462	49.317	ug/l	84
91) 1,2-Dichlorobenzene	13.927	146	300770	49.366	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	57047	49.326	ug/l	87
93) 1,2,4-Trichlorobenzene	15.198	180	160089	50.464	ug/l	98
94) Hexachlorobutadiene	15.298	225	68877	48.841	ug/l	100
95) Naphthalene	15.433	128	601057	46.966	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	161422	49.327	ug/l	98

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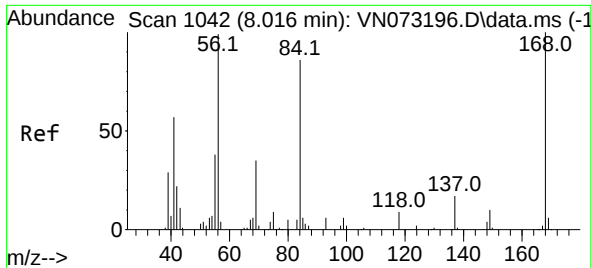
Manual Integrations
APPROVED

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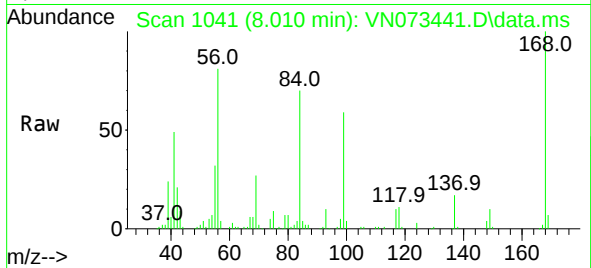
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.010 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073441.D
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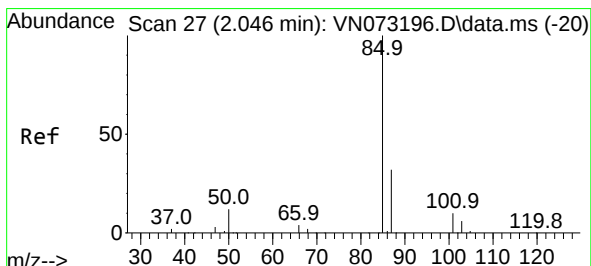
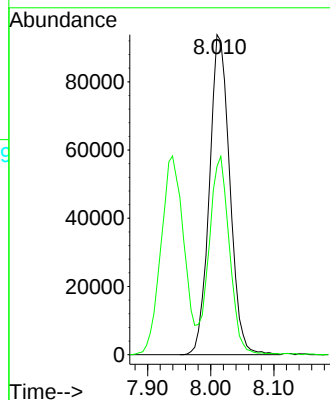
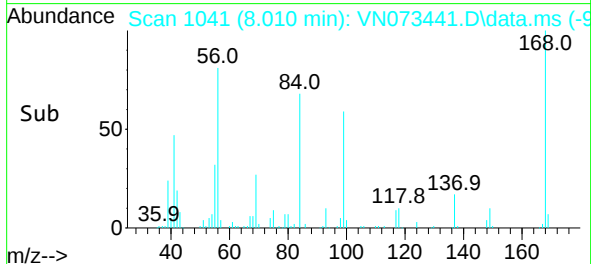
Instrument :
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ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 21049
Ion Ratio Lower Upper
168 100
99 58.6 42.3 63.5

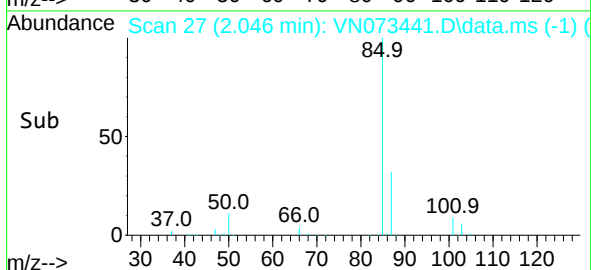
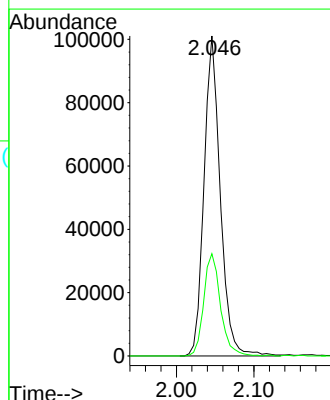
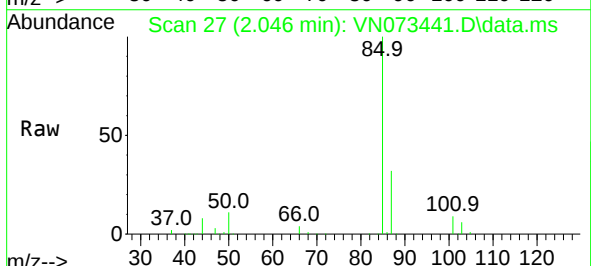
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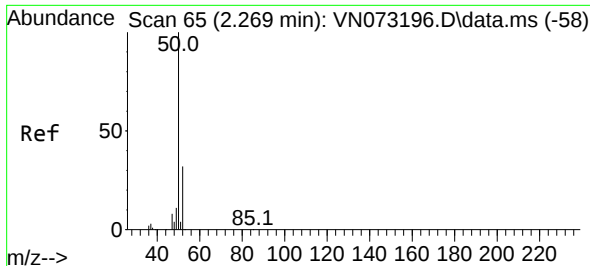
Reviewed By :John Carlone 07/13/2022
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#2
Dichlorodifluoromethane
Concen: 47.929 ug/l
RT: 2.046 min Scan# 27
Delta R.T. -0.000 min
Lab File: VN073441.D
Acq: 12 Jul 2022 17:15

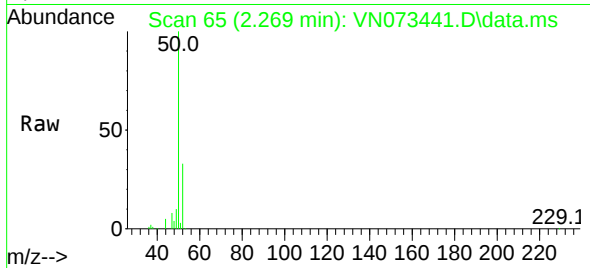
Tgt Ion: 85 Resp: 147498
Ion Ratio Lower Upper
85 100
87 31.9 15.7 47.1





#3
Chloromethane
Concen: 47.146 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN073441.D
Acq: 12 Jul 2022 17:15

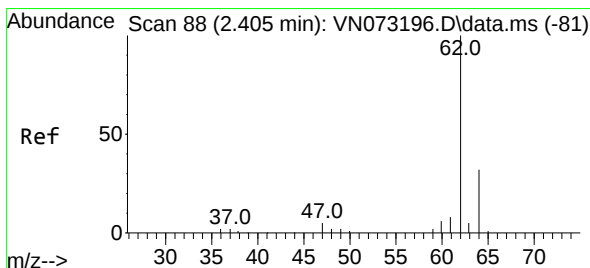
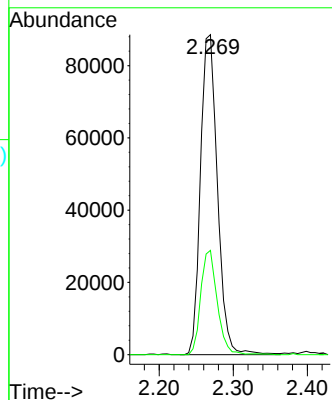
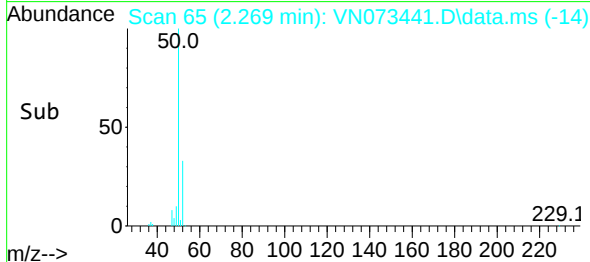
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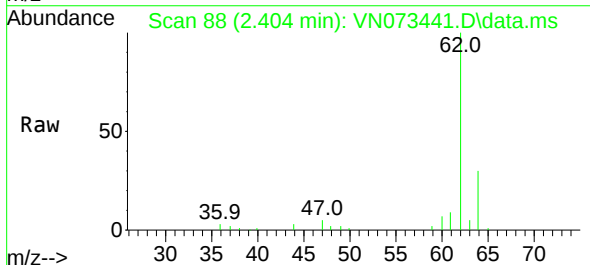
Tgt Ion: 50 Resp: 140859
Ion Ratio Lower Upper
50 100
52 32.6 25.7 38.5

Manual Integrations
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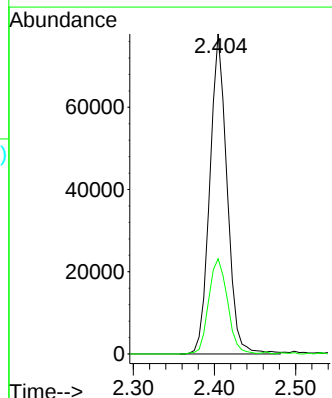
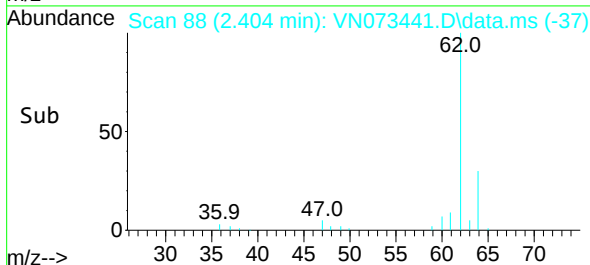
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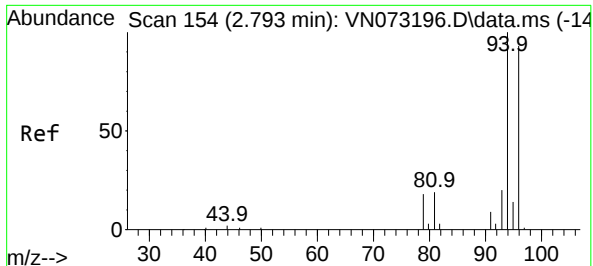


#4
Vinyl Chloride
Concen: 45.226 ug/l
RT: 2.404 min Scan# 88
Delta R.T. -0.001 min
Lab File: VN073441.D
Acq: 12 Jul 2022 17:15



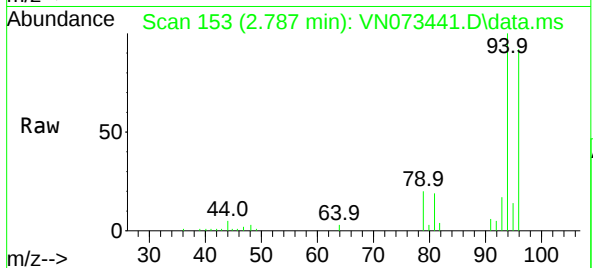
Tgt Ion: 62 Resp: 114809
Ion Ratio Lower Upper
62 100
64 29.8 25.0 37.4





#5
Bromomethane
Concen: 43.041 ug/l
RT: 2.787 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN073441.D
Acq: 12 Jul 2022 17:15

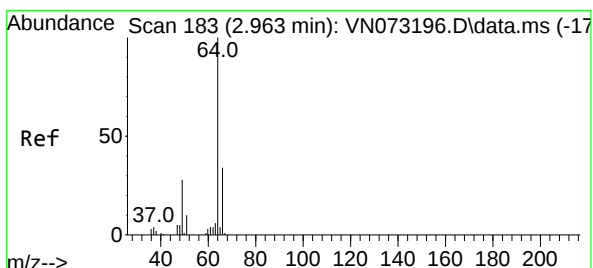
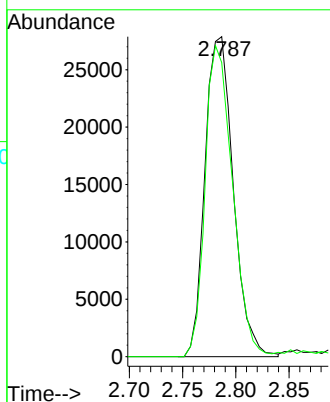
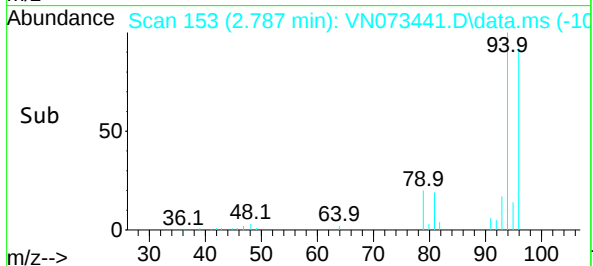
Instrument :
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Tgt Ion: 94 Resp: 5160
Ion Ratio Lower Upper
94 100
96 91.9 76.0 114.0

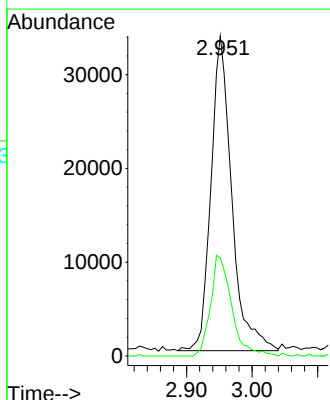
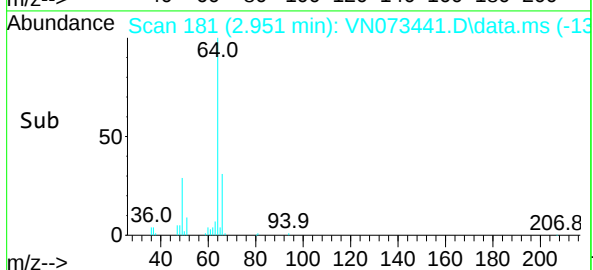
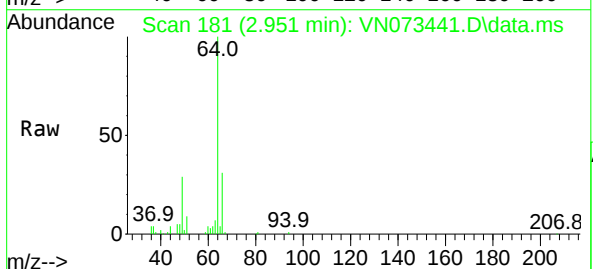
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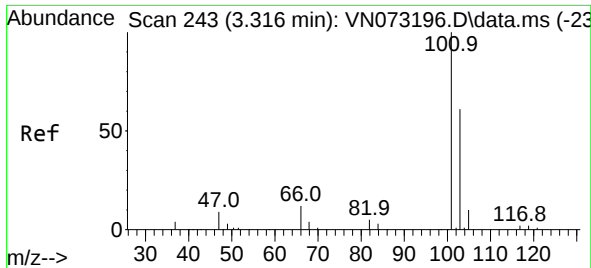
Reviewed By :John Carlone 07/13/2022
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#6
Chloroethane
Concen: 49.637 ug/l
RT: 2.951 min Scan# 181
Delta R.T. -0.012 min
Lab File: VN073441.D
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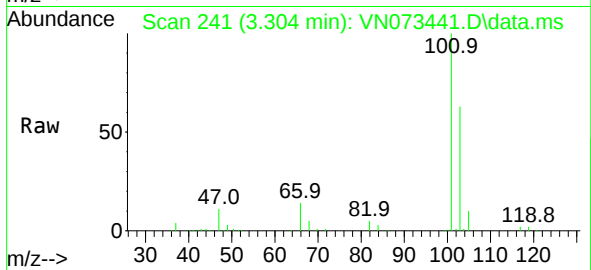
Tgt Ion: 64 Resp: 74123
Ion Ratio Lower Upper
64 100
66 31.3 26.2 39.4





#7
Trichlorofluoromethane
Concen: 45.012 ug/l
RT: 3.304 min Scan# 243
Delta R.T. -0.012 min
Lab File: VN073441.D
Acq: 12 Jul 2022 17:15

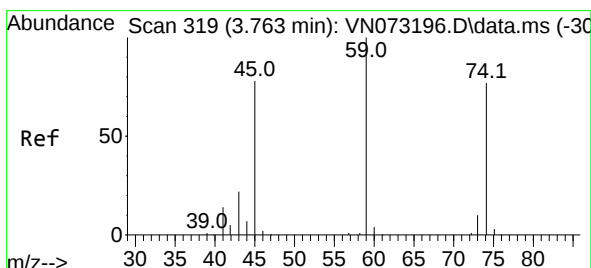
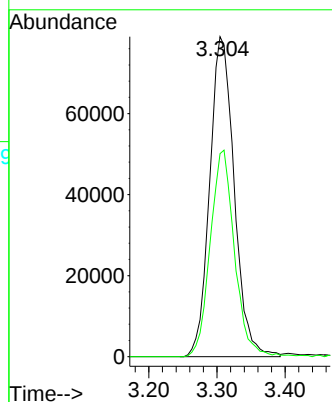
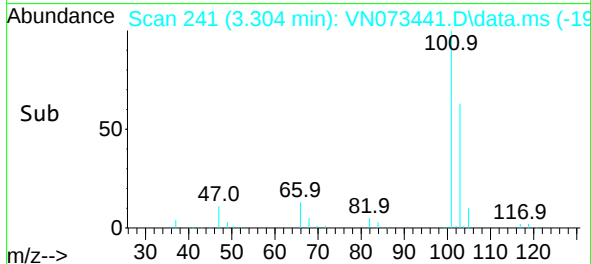
Instrument :
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Tgt Ion:101 Resp: 197540
Ion Ratio Lower Upper
101 100
103 63.5 51.5 77.3

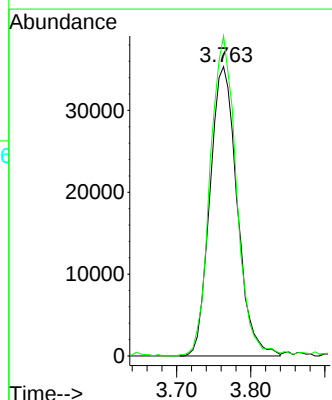
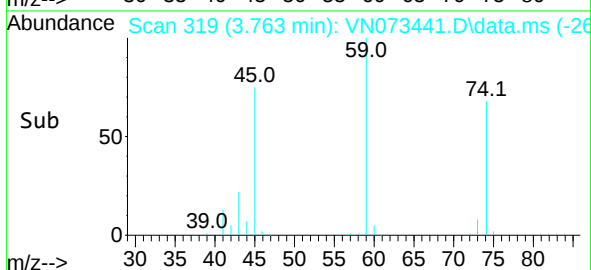
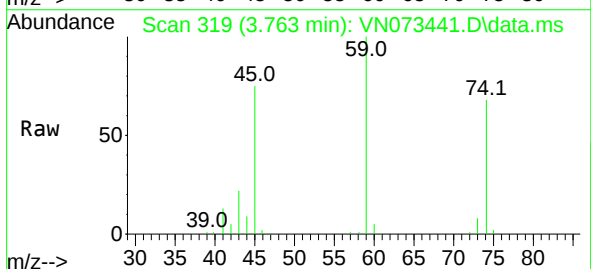
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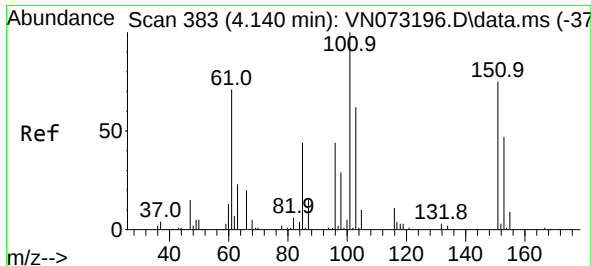
Reviewed By :John Carlone 07/13/2022
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#8
Diethyl Ether
Concen: 50.407 ug/l
RT: 3.763 min Scan# 319
Delta R.T. 0.000 min
Lab File: VN073441.D
Acq: 12 Jul 2022 17:15

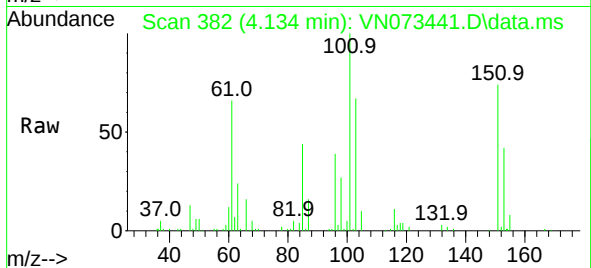
Tgt Ion: 74 Resp: 90055
Ion Ratio Lower Upper
74 100
45 107.3 42.9 128.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.223 ug/l
RT: 4.134 min Scan# 382
Delta R.T. -0.006 min
Lab File: VN073441.D
Acq: 12 Jul 2022 17:15

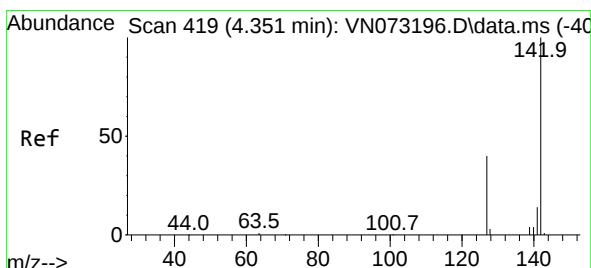
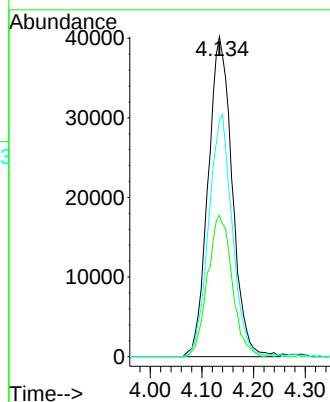
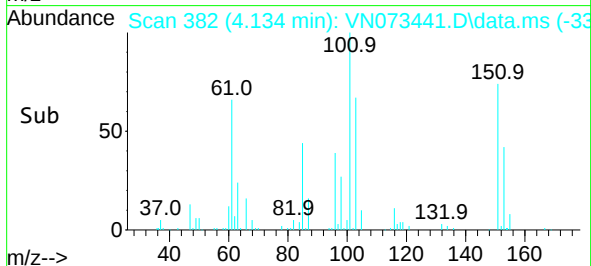
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 130240
Ion Ratio Lower Upper
101 100
85 44.8 34.7 52.1
151 74.2 63.0 94.4

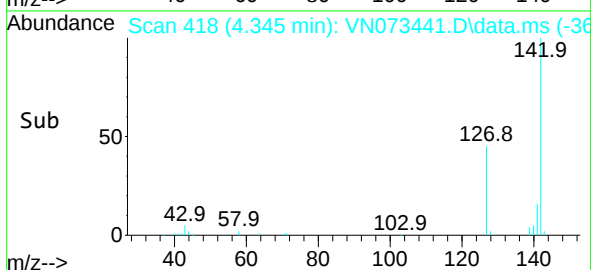
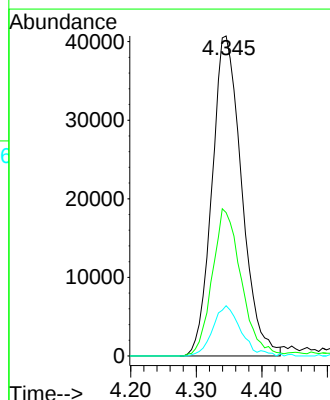
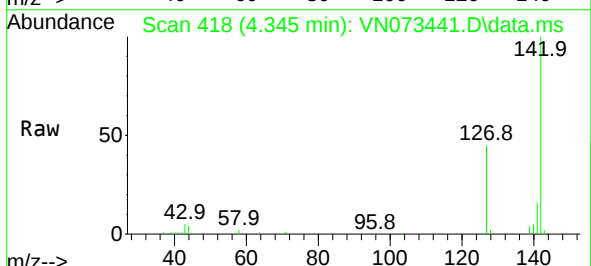
Manual Integrations
APPROVED

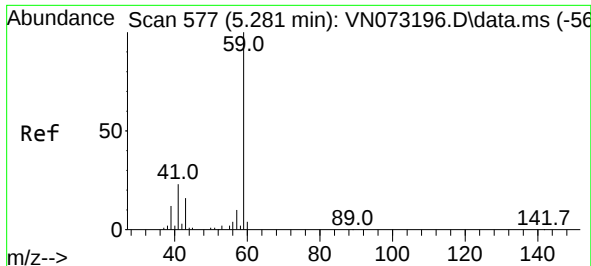
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#10
Methyl Iodide
Concen: 41.208 ug/l
RT: 4.345 min Scan# 418
Delta R.T. -0.006 min
Lab File: VN073441.D
Acq: 12 Jul 2022 17:15

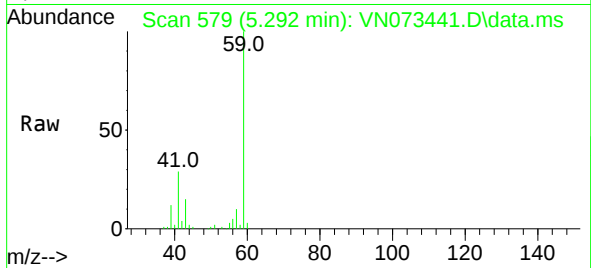
Tgt Ion:142 Resp: 127738
Ion Ratio Lower Upper
142 100
127 45.0 31.3 46.9
141 14.8 11.2 16.8





#11
Tert butyl alcohol
Concen: 271.332 ug/l
RT: 5.292 min Scan# 51
Delta R.T. 0.011 min
Lab File: VN073441.D
Acq: 12 Jul 2022 17:15

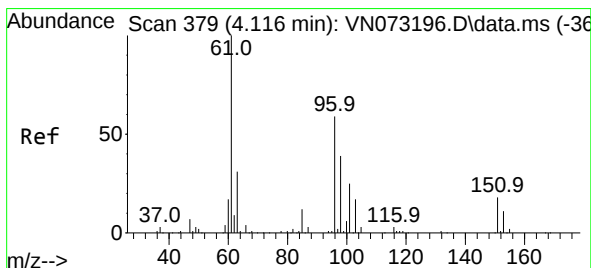
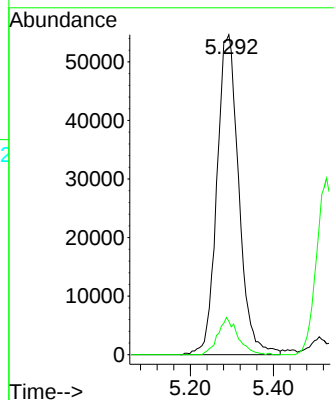
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 199728
Ion Ratio Lower Upper
59 100
57 10.6 8.3 12.5

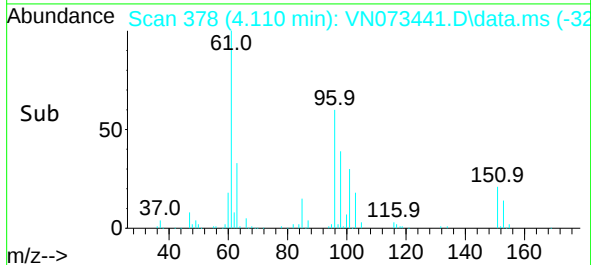
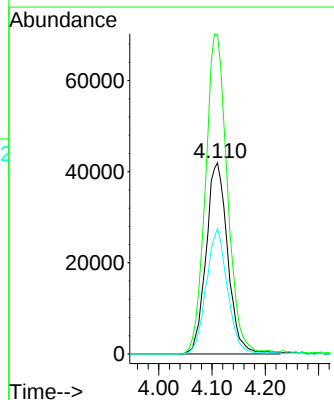
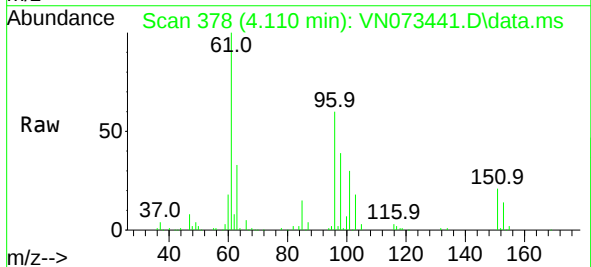
Manual Integrations
APPROVED

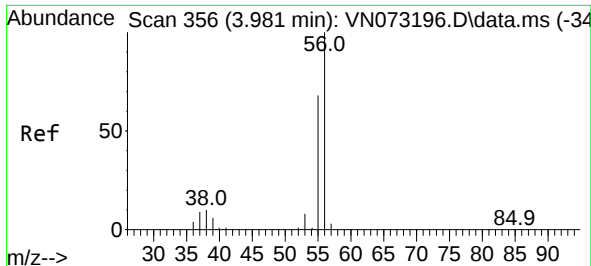
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#12
1,1-Dichloroethene
Concen: 47.743 ug/l
RT: 4.110 min Scan# 378
Delta R.T. -0.006 min
Lab File: VN073441.D
Acq: 12 Jul 2022 17:15

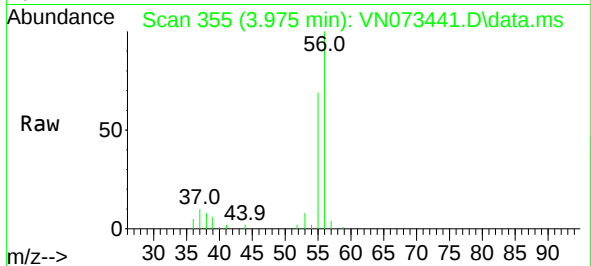
Tgt Ion: 96 Resp: 118302
Ion Ratio Lower Upper
96 100
61 166.9 127.6 191.4
98 65.5 51.2 76.8





#13
Acrolein
Concen: 210.337 ug/l
RT: 3.975 min Scan# 355
Delta R.T. -0.006 min
Lab File: VN073441.D
Acq: 12 Jul 2022 17:15

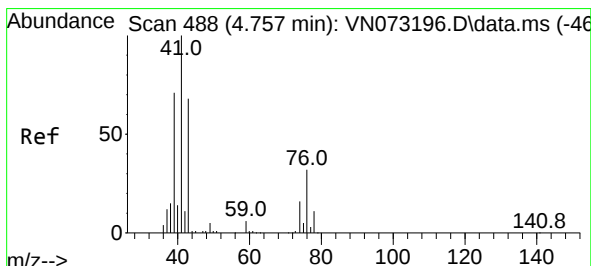
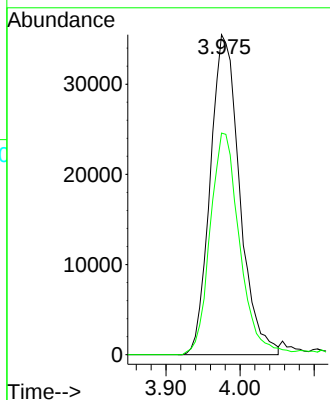
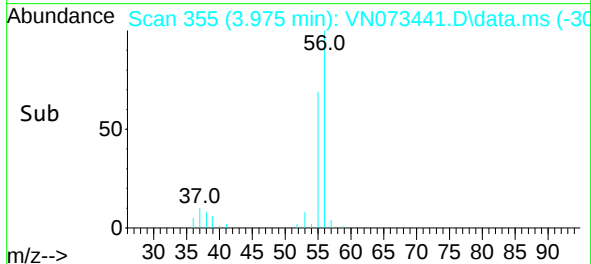
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 9786
Ion Ratio Lower Upper
56 100
55 69.3 54.8 82.2

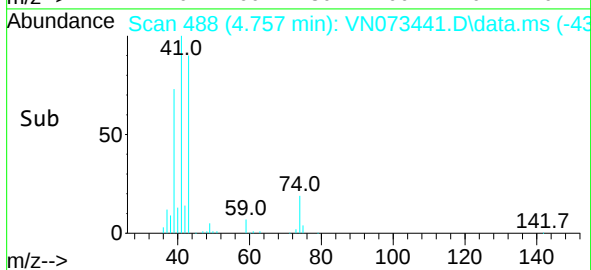
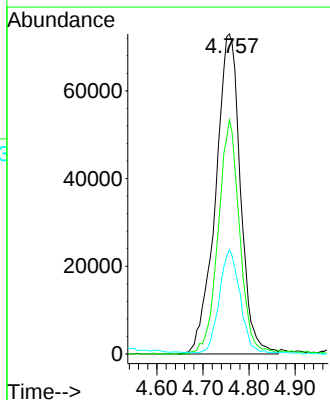
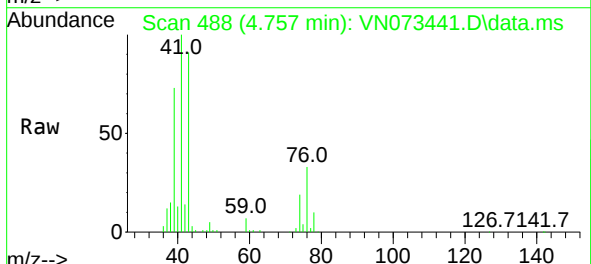
Manual Integrations
APPROVED

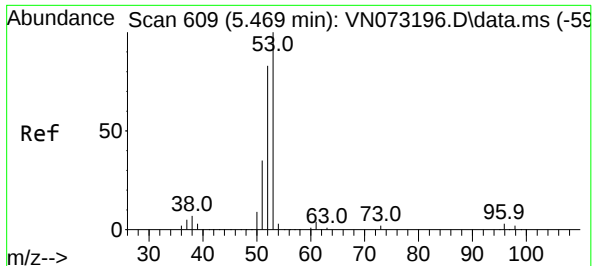
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#14
Allyl chloride
Concen: 52.357 ug/l
RT: 4.757 min Scan# 488
Delta R.T. 0.000 min
Lab File: VN073441.D
Acq: 12 Jul 2022 17:15

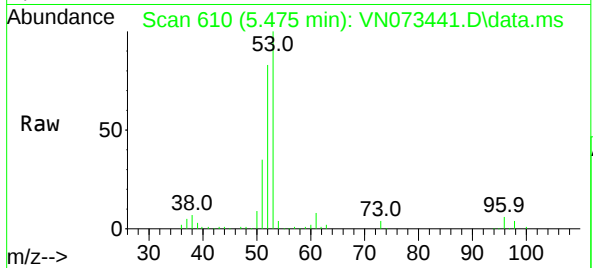
Tgt Ion: 41 Resp: 273307
Ion Ratio Lower Upper
41 100
39 62.9 53.2 79.8
76 26.4 29.9 44.9





#15
Acrylonitrile
Concen: 295.759 ug/l
RT: 5.475 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN073441.D
Acq: 12 Jul 2022 17:15

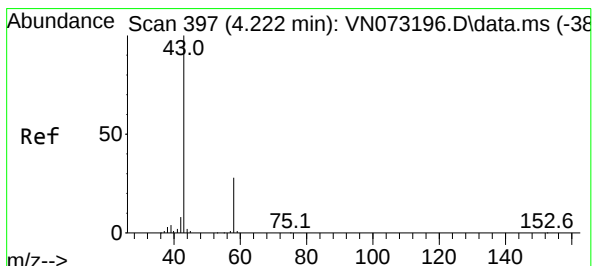
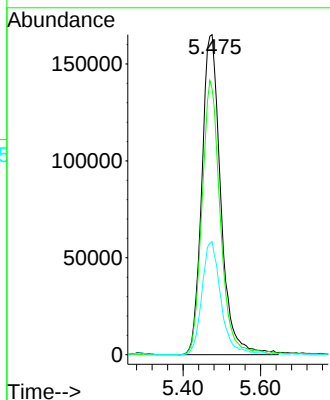
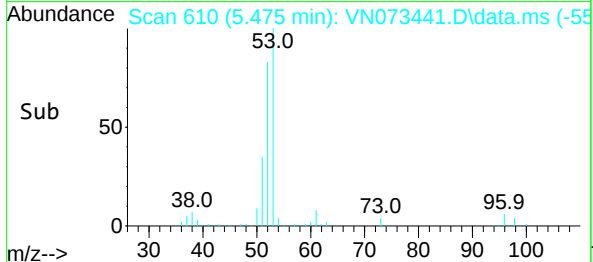
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 560440
Ion Ratio Lower Upper
53 100
52 82.1 66.4 99.6
51 35.6 28.5 42.7

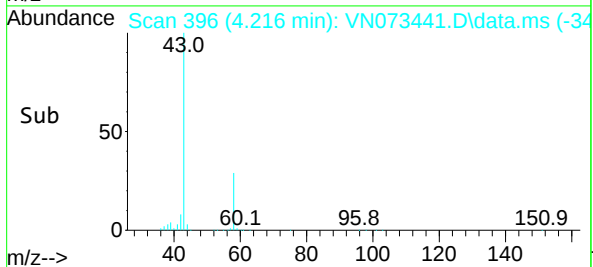
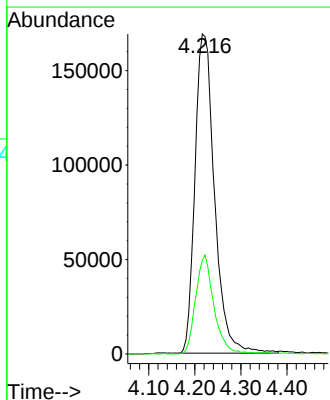
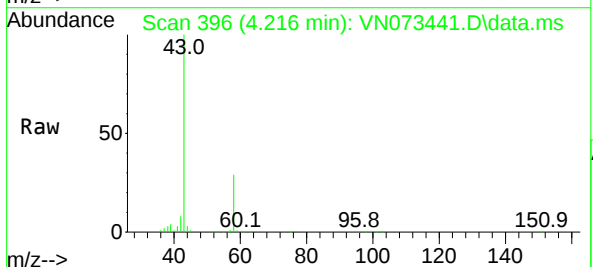
Manual Integrations
APPROVED

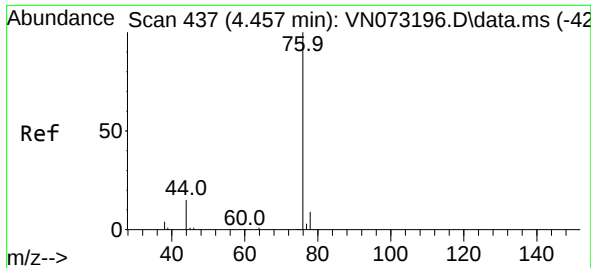
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#16
Acetone
Concen: 292.575 ug/l
RT: 4.216 min Scan# 396
Delta R.T. -0.006 min
Lab File: VN073441.D
Acq: 12 Jul 2022 17:15

Tgt Ion: 43 Resp: 499033
Ion Ratio Lower Upper
43 100
58 29.4 26.0 39.0





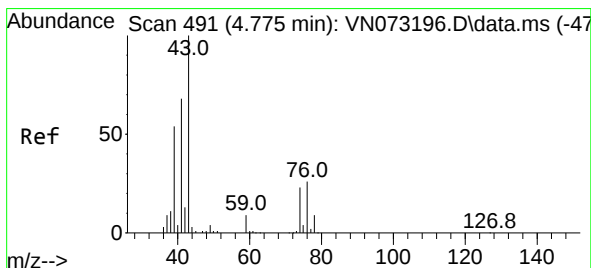
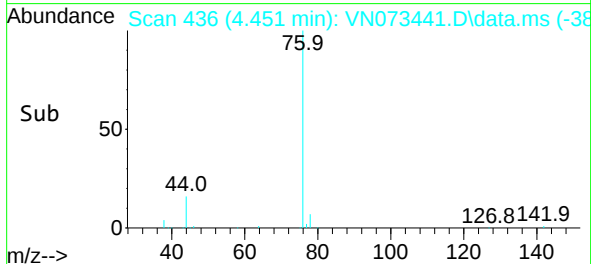
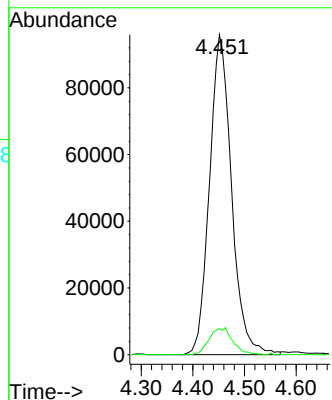
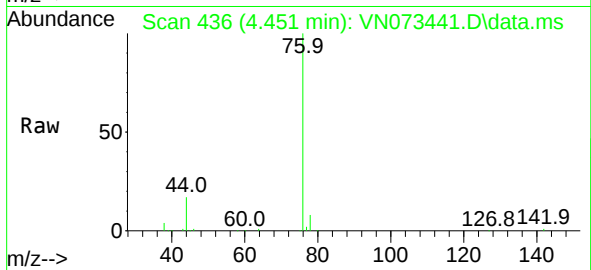
#17
Carbon Disulfide
Concen: 44.240 ug/l
RT: 4.451 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN073441.D
Acq: 12 Jul 2022 17:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 284250
Ion Ratio Lower Upper
76 100
78 8.2 7.2 10.8

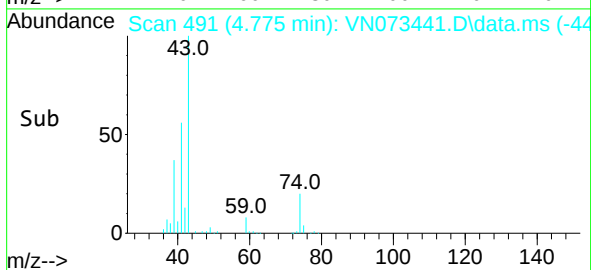
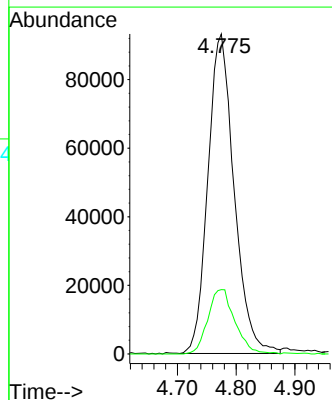
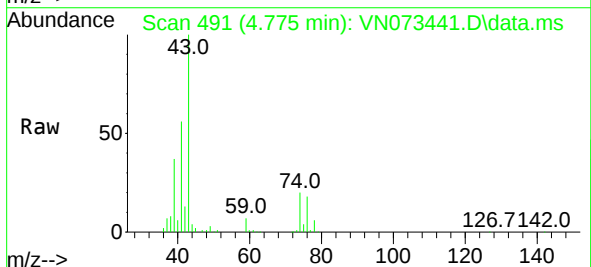
Manual Integrations
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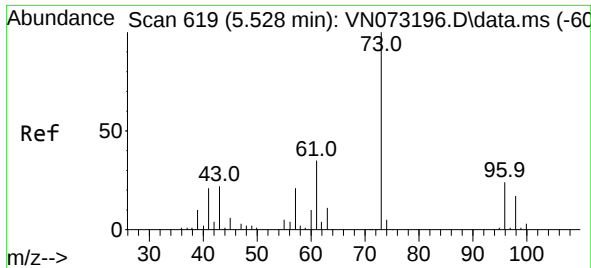
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#18
Methyl Acetate
Concen: 60.434 ug/l
RT: 4.775 min Scan# 491
Delta R.T. -0.000 min
Lab File: VN073441.D
Acq: 12 Jul 2022 17:15

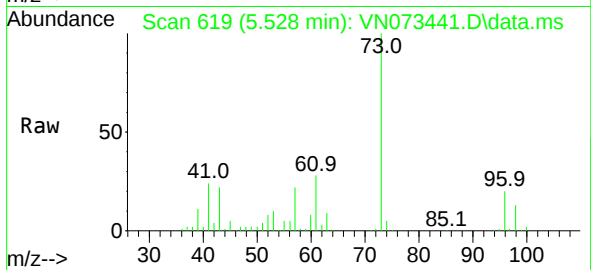
Tgt Ion: 43 Resp: 288866
Ion Ratio Lower Upper
43 100
74 20.8 21.6 32.4#





#19
Methyl tert-butyl Ether
Concen: 53.436 ug/l
RT: 5.528 min Scan# 619
Delta R.T. -0.000 min
Lab File: VN073441.D
Acq: 12 Jul 2022 17:15

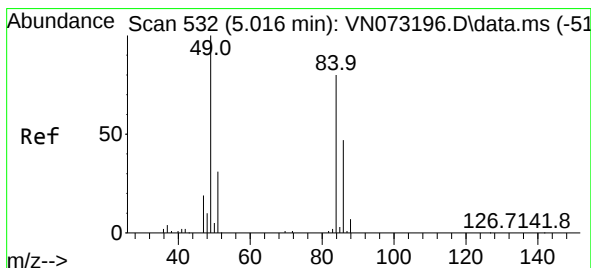
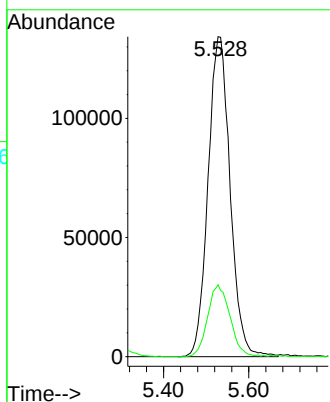
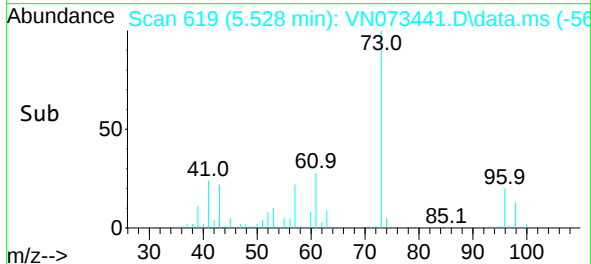
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 48258
Ion Ratio Lower Upper
73 100
57 22.5 17.6 26.4

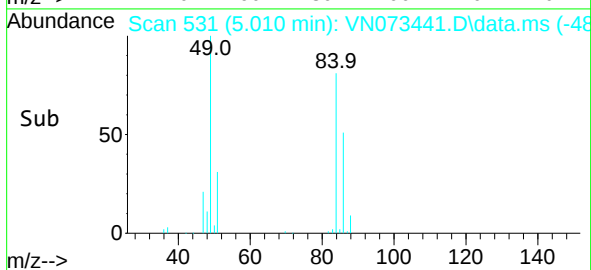
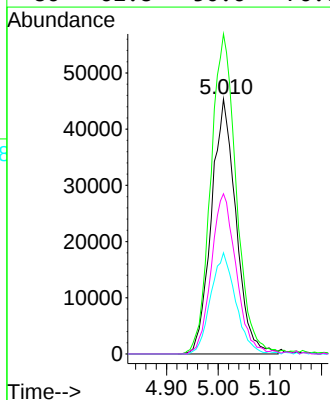
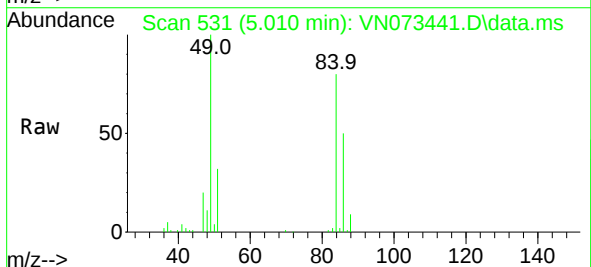
Manual Integrations
APPROVED

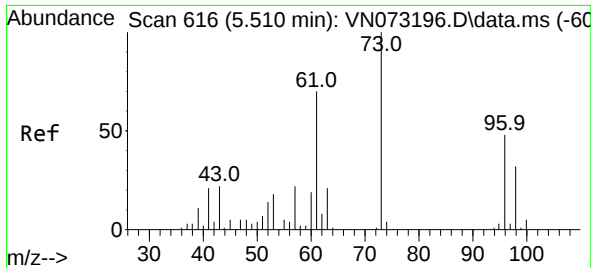
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#20
Methylene Chloride
Concen: 49.866 ug/l
RT: 5.010 min Scan# 531
Delta R.T. -0.006 min
Lab File: VN073441.D
Acq: 12 Jul 2022 17:15

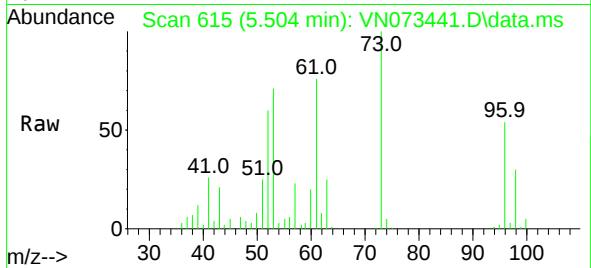
Tgt Ion: 84 Resp: 149475
Ion Ratio Lower Upper
84 100
49 125.6 88.3 132.5
51 39.7 28.2 42.2
86 62.8 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 49.003 ug/l
RT: 5.504 min Scan# 616
Delta R.T. -0.006 min
Lab File: VN073441.D
Acq: 12 Jul 2022 17:15

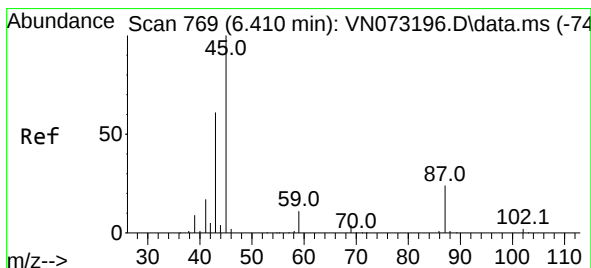
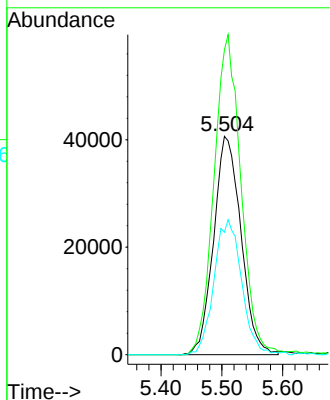
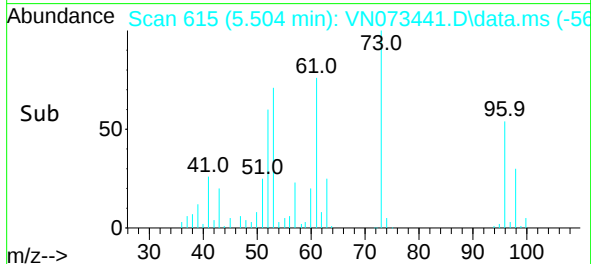
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 126879
Ion Ratio Lower Upper
96 100
61 139.5 105.8 158.8
98 56.0 50.3 75.5

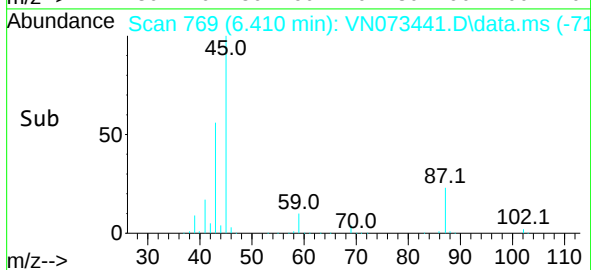
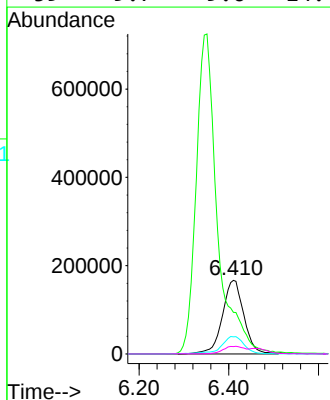
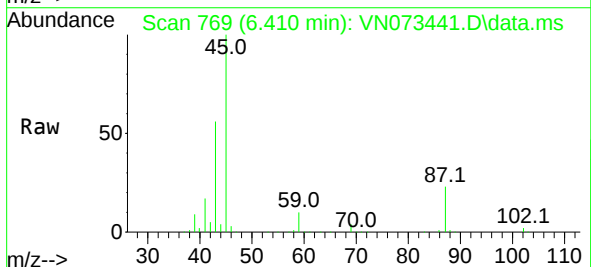
Manual Integrations
APPROVED

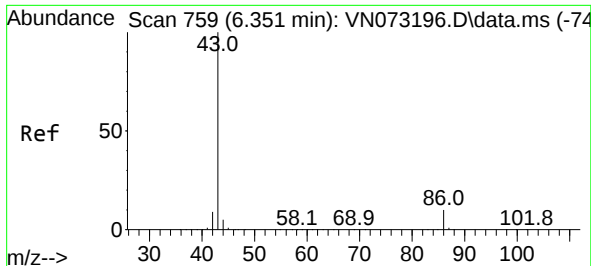
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#22
Diisopropyl ether
Concen: 56.906 ug/l
RT: 6.410 min Scan# 769
Delta R.T. 0.000 min
Lab File: VN073441.D
Acq: 12 Jul 2022 17:15

Tgt Ion: 45 Resp: 554300
Ion Ratio Lower Upper
45 100
43 55.0 46.6 70.0
87 23.0 24.3 36.5#
59 9.7 9.6 14.4





#23
 Vinyl Acetate
 Concen: 275.163 ug/l
 RT: 6.351 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VN073441.D
 Acq: 12 Jul 2022 17:15

Instrument :

MSVOA_N

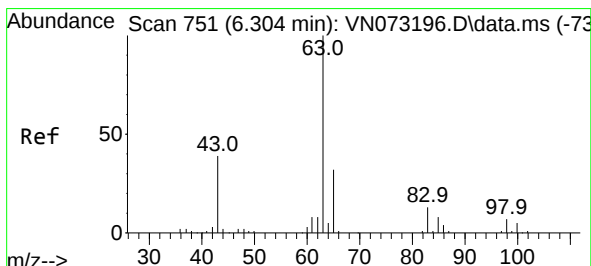
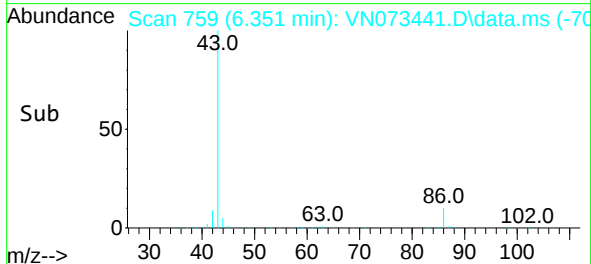
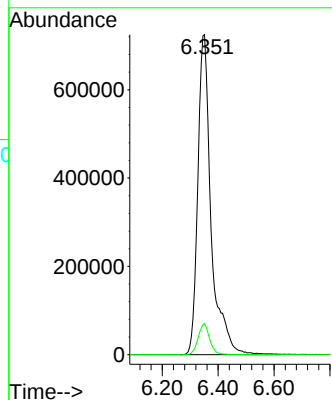
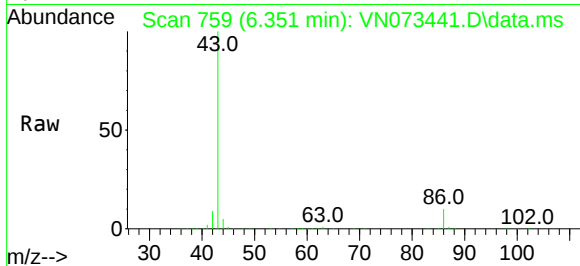
ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 2399719
 Ion Ratio Lower Upper
 43 100
 86 9.7 10.0 15.0

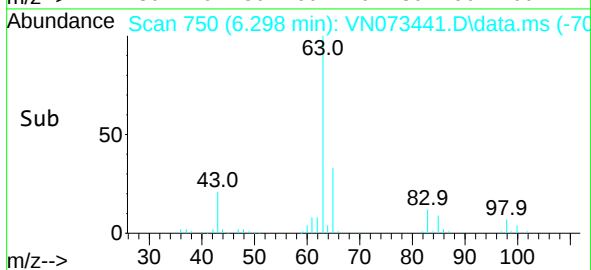
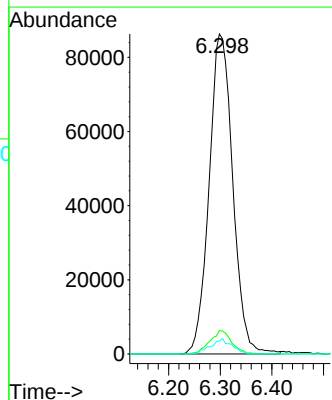
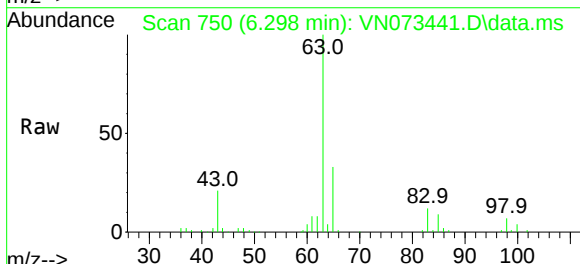
Manual Integrations
 APPROVED

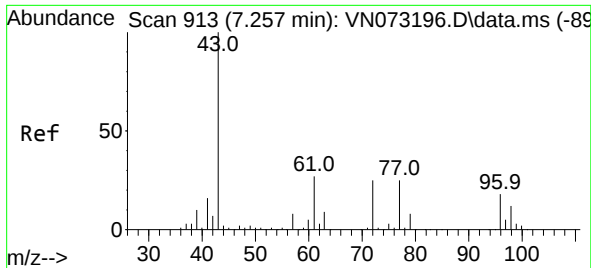
Reviewed By :John Carlone 07/13/2022
 Supervised By :Mahesh Dadoda 07/13/2022



#24
 1,1-Dichloroethane
 Concen: 54.429 ug/l
 RT: 6.298 min Scan# 750
 Delta R.T. -0.006 min
 Lab File: VN073441.D
 Acq: 12 Jul 2022 17:15

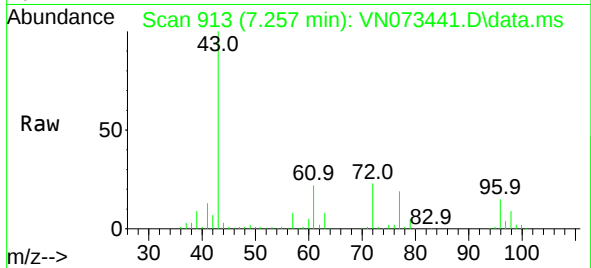
Tgt Ion: 63 Resp: 274363
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.5 10.4
 100 4.0 2.3 6.8





#25
2-Butanone
Concen: 297.226 ug/l
RT: 7.257 min Scan# 913
Delta R.T. 0.000 min
Lab File: VN073441.D
Acq: 12 Jul 2022 17:15

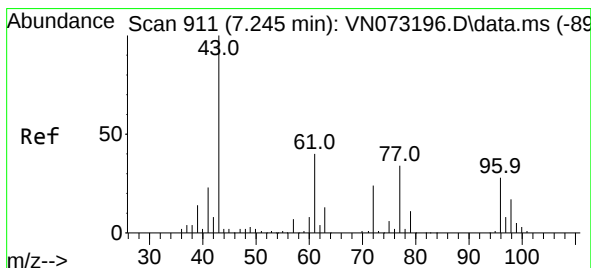
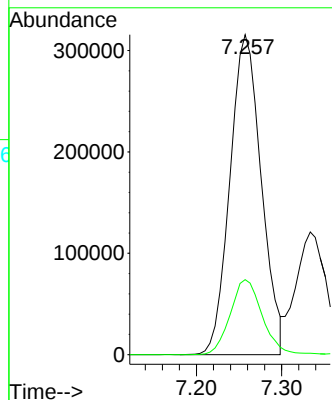
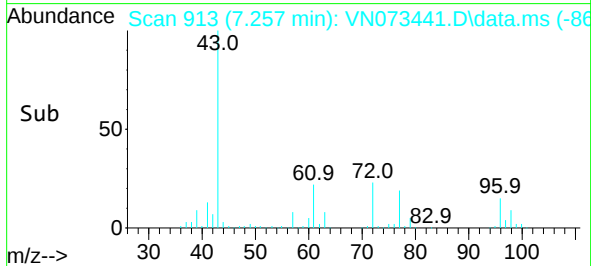
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



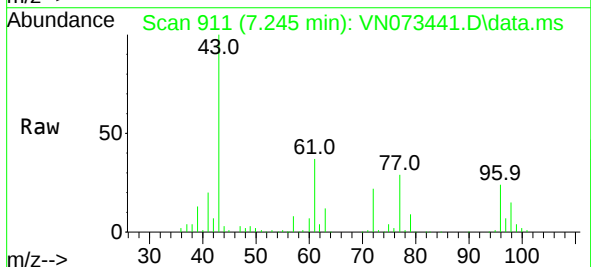
Tgt Ion: 43 Resp: 807144
Ion Ratio Lower Upper
43 100
72 23.5 23.7 35.5

Manual Integrations
APPROVED

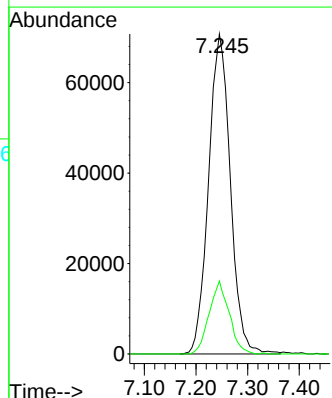
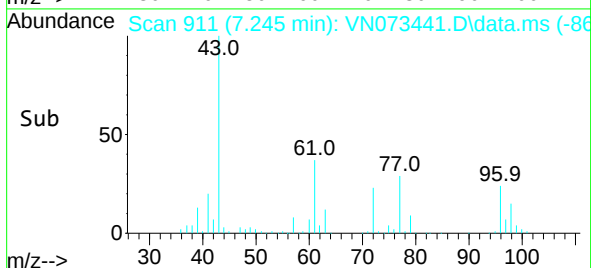
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

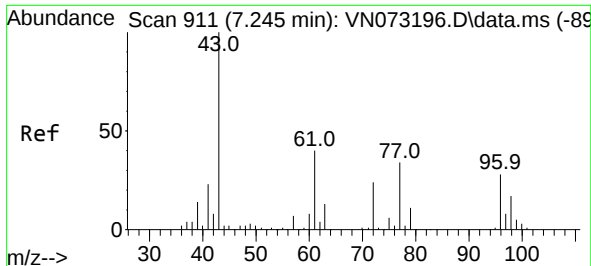


#26
2,2-Dichloropropane
Concen: 44.509 ug/l
RT: 7.245 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN073441.D
Acq: 12 Jul 2022 17:15



Tgt Ion: 77 Resp: 207499
Ion Ratio Lower Upper
77 100
97 21.0 11.4 34.2





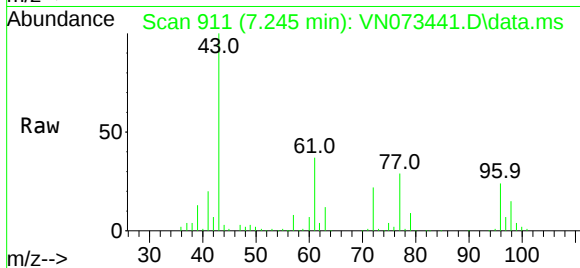
#27
 cis-1,2-Dichloroethene
 Concen: 51.123 ug/l
 RT: 7.245 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VN073441.D
 Acq: 12 Jul 2022 17:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



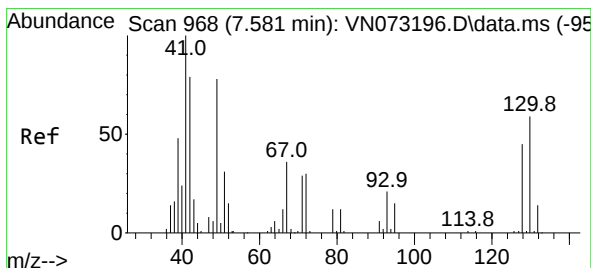
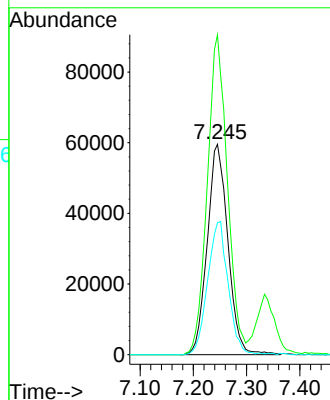
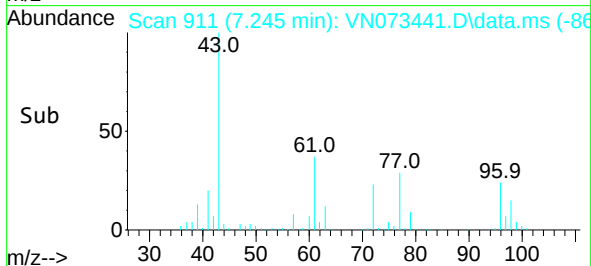
Tgt Ion: 96 Resp: 160290
 Ion Ratio Lower Upper
 96 100
 61 147.8 0.0 280.6
 98 62.9 0.0 128.4

Manual Integrations

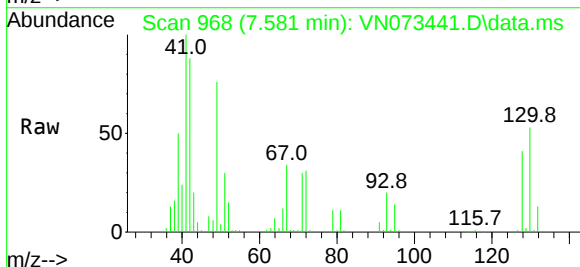
APPROVED

Reviewed By :John Carlone 07/13/2022

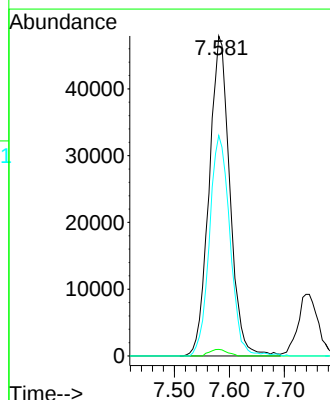
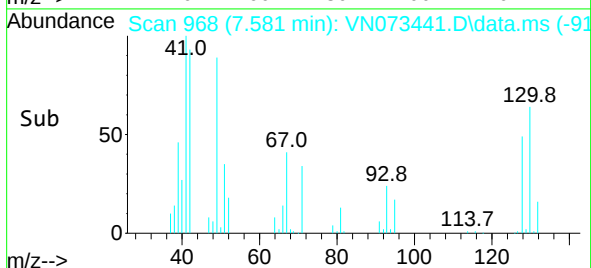
Supervised By :Mahesh Dadoda 07/13/2022

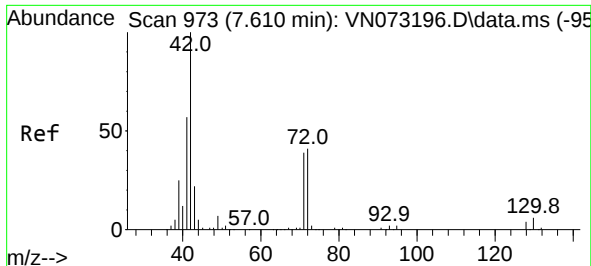


#28
 Bromochloromethane
 Concen: 59.371 ug/l
 RT: 7.581 min Scan# 968
 Delta R.T. -0.000 min
 Lab File: VN073441.D
 Acq: 12 Jul 2022 17:15



Tgt Ion: 49 Resp: 125337
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.6
 130 68.4 69.7 104.5#





#29

Tetrahydrofuran

Concen: 295.578 ug/l

RT: 7.604 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN073441.D

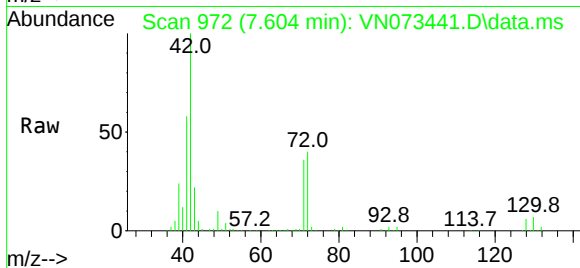
Acq: 12 Jul 2022 17:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



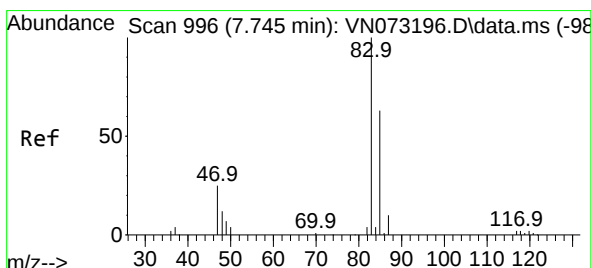
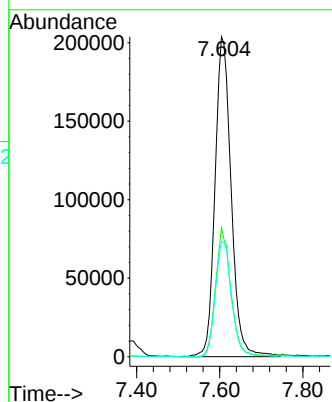
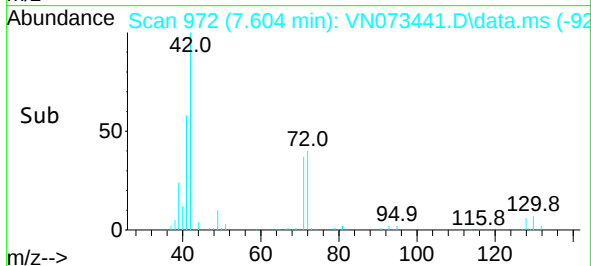
Tgt Ion:	42	Resp:	54960
Ion	Ratio	Lower	Upper
42	100		
72	38.1	39.7	59.5
71	36.2	36.6	55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#30

Chloroform

Concen: 53.836 ug/l

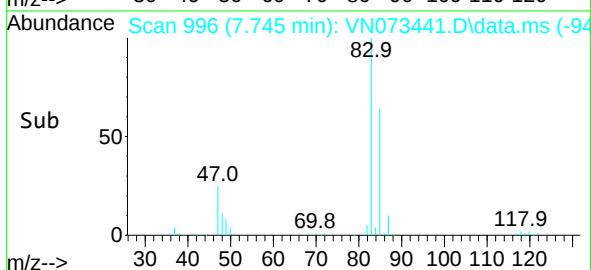
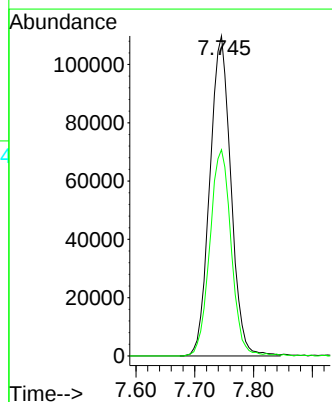
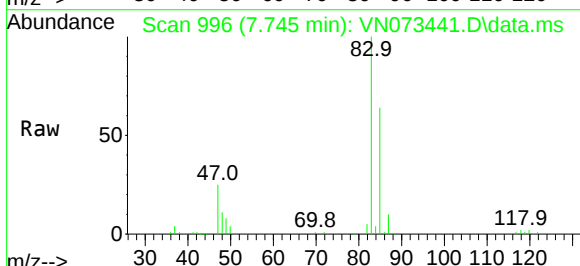
RT: 7.745 min Scan# 996

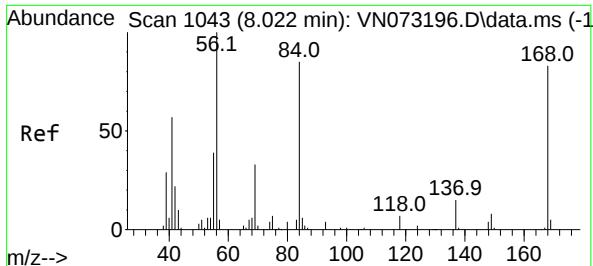
Delta R.T. 0.000 min

Lab File: VN073441.D

Acq: 12 Jul 2022 17:15

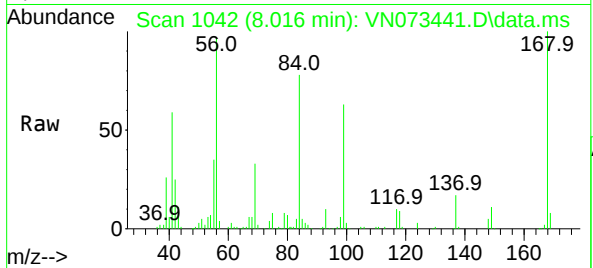
Tgt Ion:	83	Resp:	273326
Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.8	77.8





#31
Cyclohexane
Concen: 46.212 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN073441.D
Acq: 12 Jul 2022 17:15

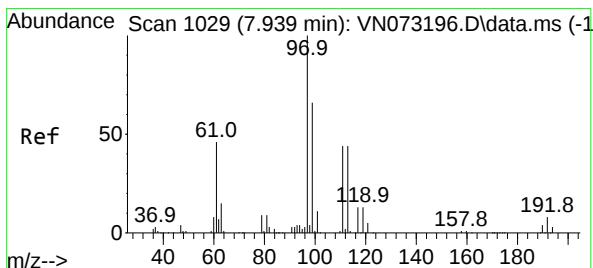
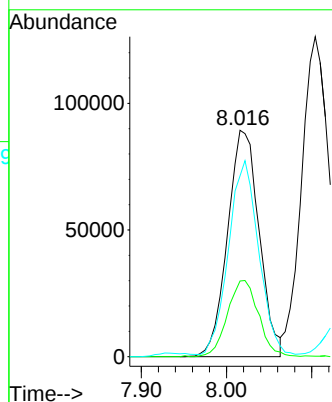
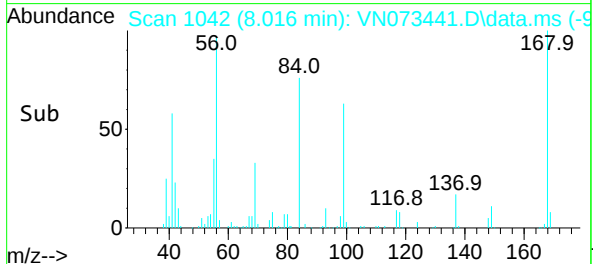
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



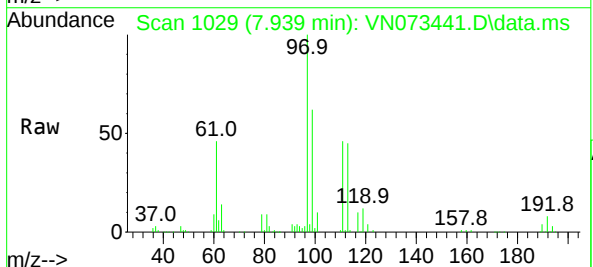
Tgt Ion: 56 Resp: 229970
Ion Ratio Lower Upper
56 100
69 33.5 27.8 41.8
84 78.6 76.9 115.3

Manual Integrations
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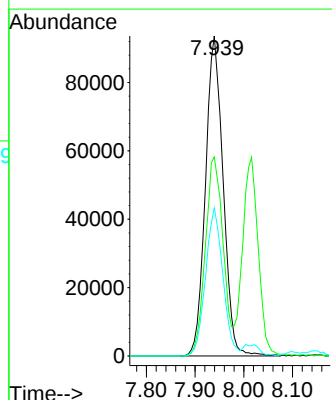
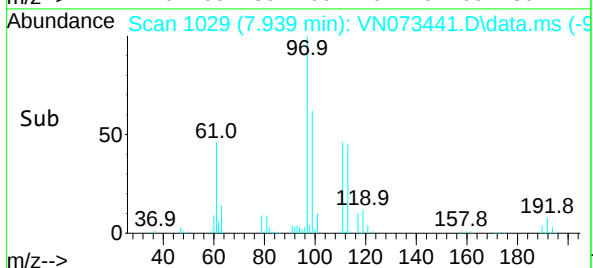
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

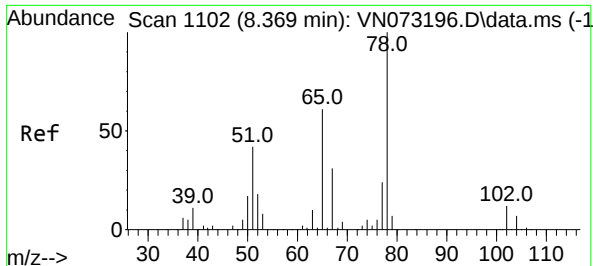


#32
1,1,1-Trichloroethane
Concen: 52.067 ug/l
RT: 7.939 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VN073441.D
Acq: 12 Jul 2022 17:15



Tgt Ion: 97 Resp: 235573
Ion Ratio Lower Upper
97 100
99 62.0 50.6 76.0
61 45.5 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 49.636 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VN073441.D

Acq: 12 Jul 2022 17:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 150828

Ion Ratio Lower Upper

65 100

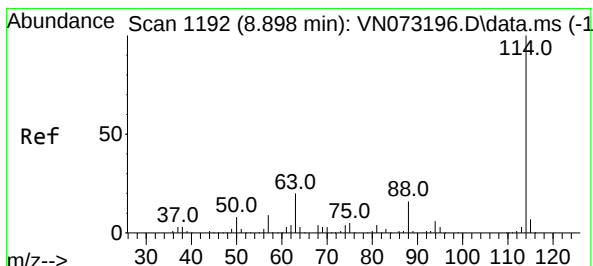
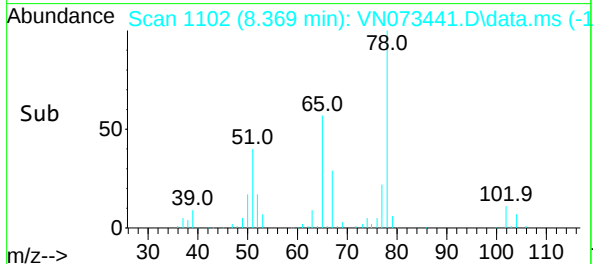
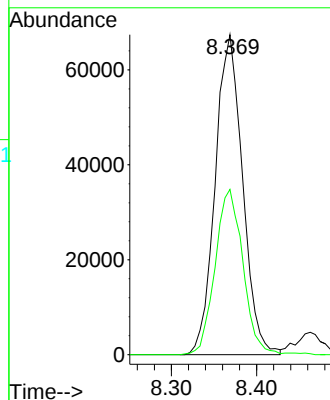
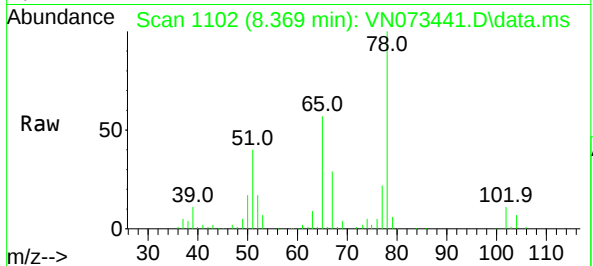
67 52.3 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VN073441.D

Acq: 12 Jul 2022 17:15

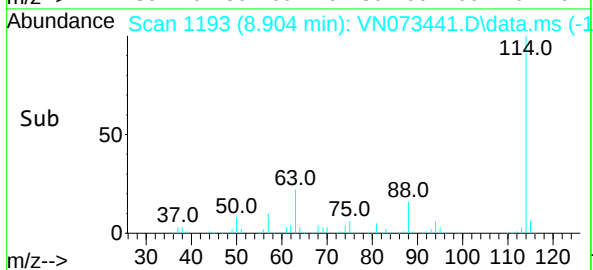
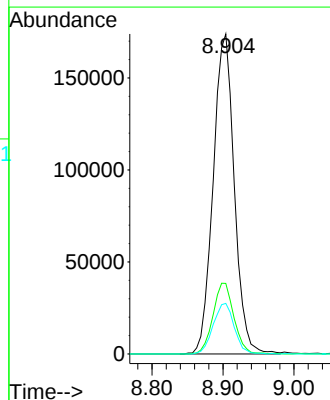
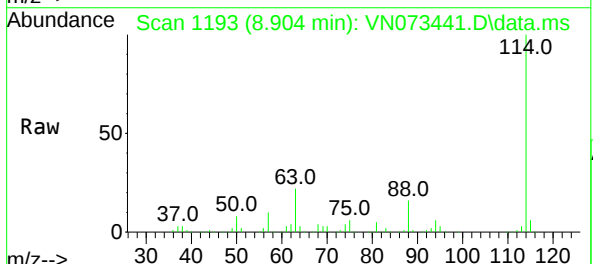
Tgt Ion:114 Resp: 358675

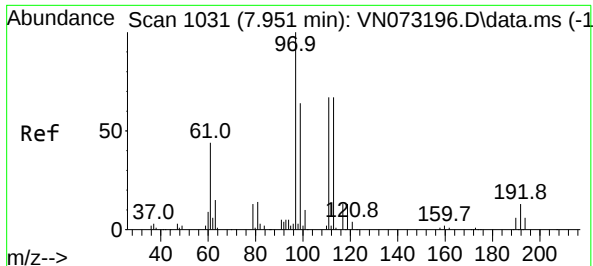
Ion Ratio Lower Upper

114 100

63 22.0 0.0 40.0

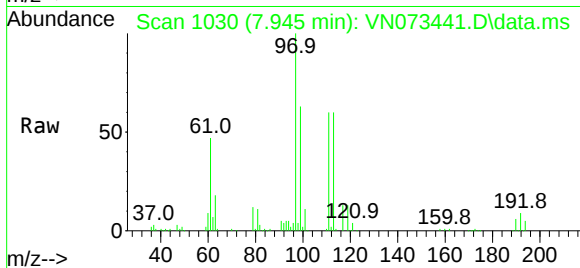
88 15.8 0.0 32.6





#35
Dibromofluoromethane
Concen: 50.381 ug/l
RT: 7.945 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VN073441.D
Acq: 12 Jul 2022 17:15

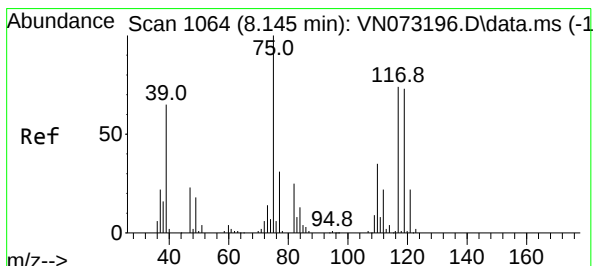
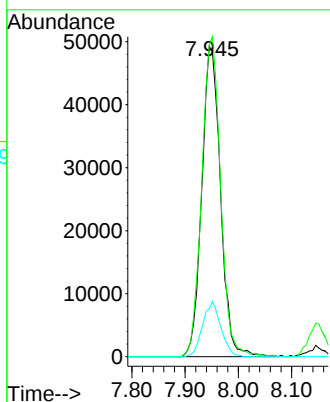
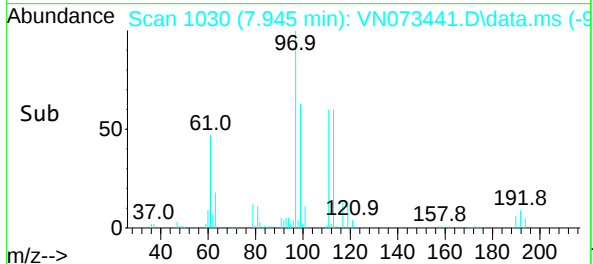
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 120224
Ion Ratio Lower Upper
113 100
111 103.9 81.4 122.0
192 17.3 17.0 25.6

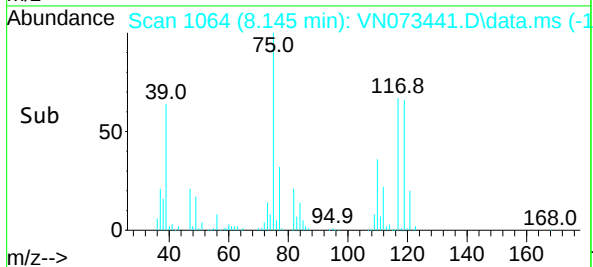
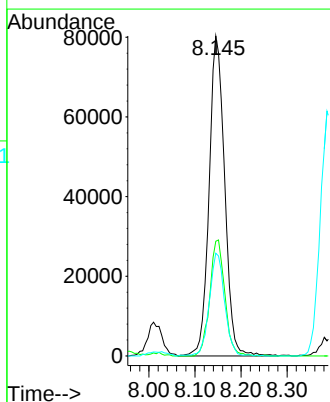
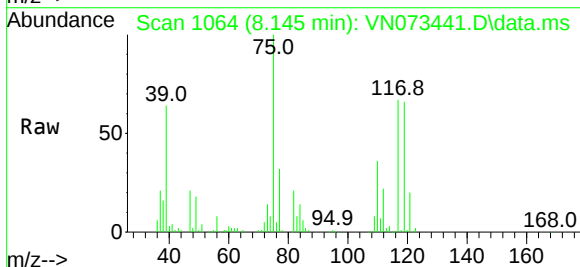
Manual Integrations
APPROVED

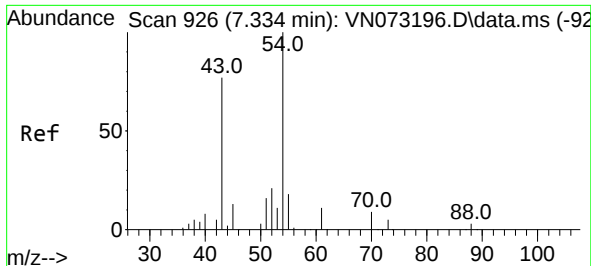
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#36
1,1-Dichloropropene
Concen: 51.467 ug/l
RT: 8.145 min Scan# 1064
Delta R.T. 0.000 min
Lab File: VN073441.D
Acq: 12 Jul 2022 17:15

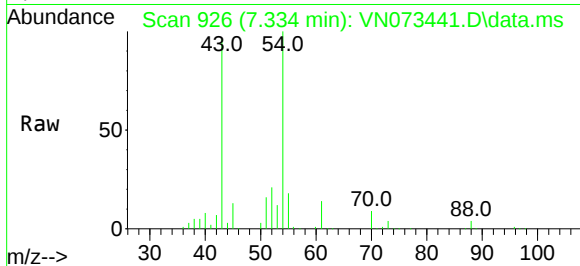
Tgt Ion: 75 Resp: 188977
Ion Ratio Lower Upper
75 100
110 35.0 18.3 54.8
77 31.6 25.1 37.7





#37
Ethyl Acetate
Concen: 55.462 ug/l
RT: 7.334 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN073441.D
Acq: 12 Jul 2022 17:15

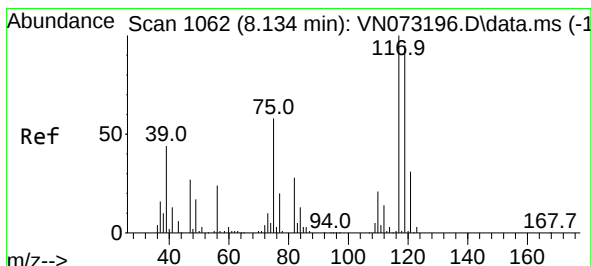
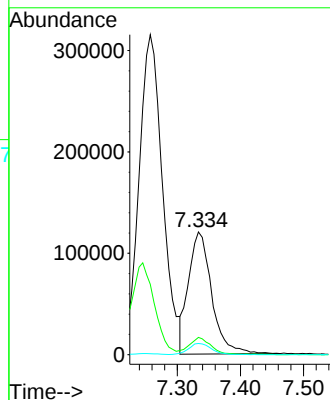
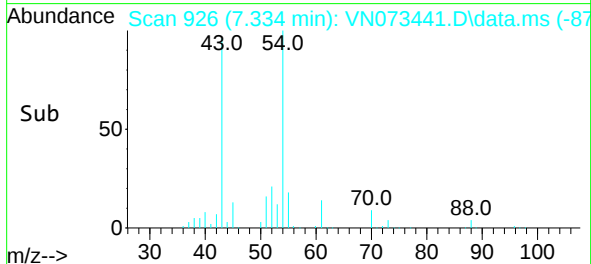
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 307708
Ion Ratio Lower Upper
43 100
61 12.9 11.8 17.6
70 9.1 9.3 13.9

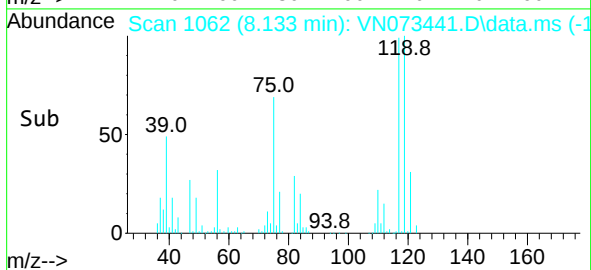
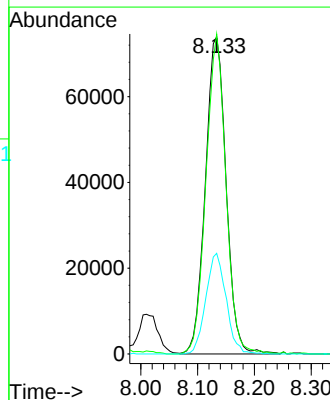
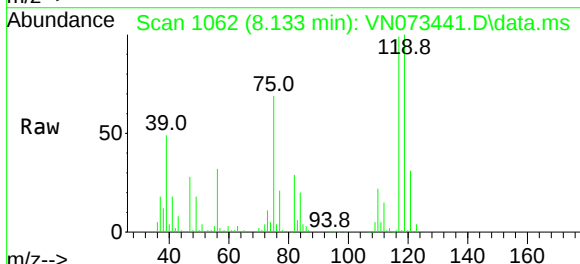
Manual Integrations
APPROVED

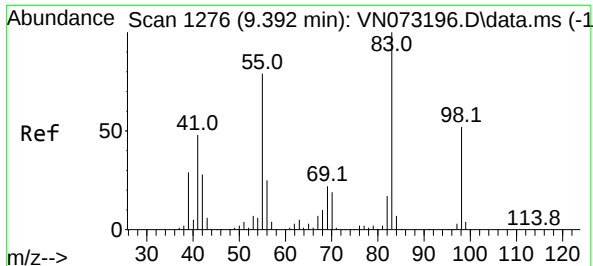
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#38
Carbon Tetrachloride
Concen: 49.332 ug/l
RT: 8.133 min Scan# 1062
Delta R.T. -0.001 min
Lab File: VN073441.D
Acq: 12 Jul 2022 17:15

Tgt Ion:117 Resp: 187322
Ion Ratio Lower Upper
117 100
119 100.9 75.8 113.8
121 31.7 24.6 37.0





#39

Methylcyclohexane

Concen: 48.927 ug/l

RT: 9.392 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VN073441.D

Acq: 12 Jul 2022 17:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 223664

Ion Ratio Lower Upper

83 100

55 81.6 57.8 86.8

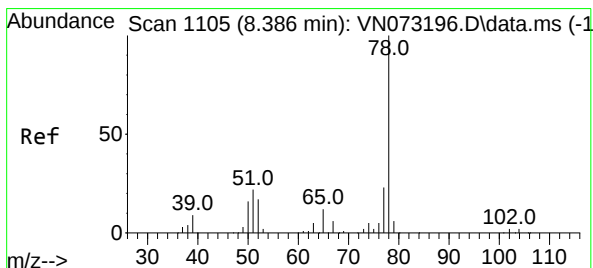
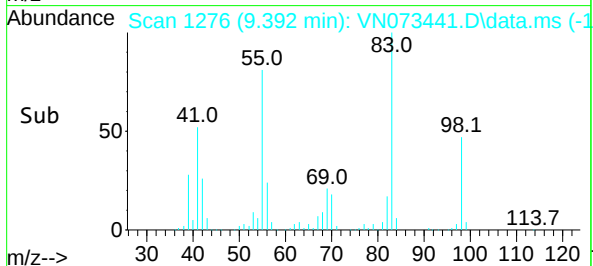
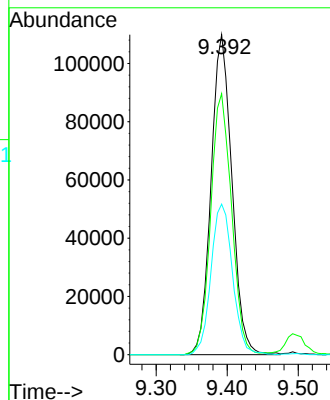
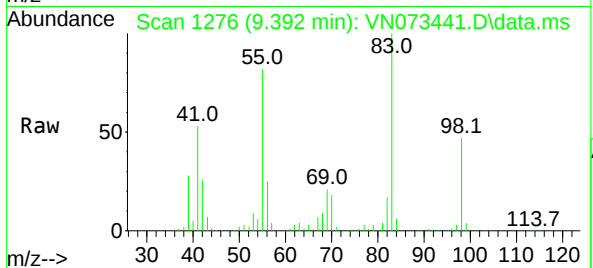
98 47.0 39.4 59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#40

Benzene

Concen: 52.271 ug/l

RT: 8.386 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VN073441.D

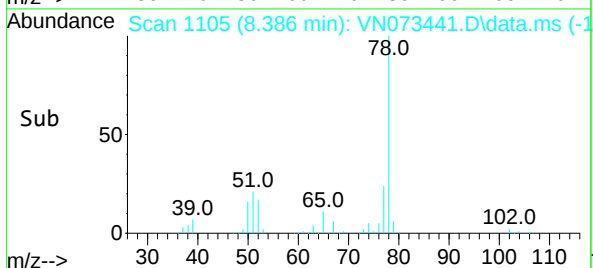
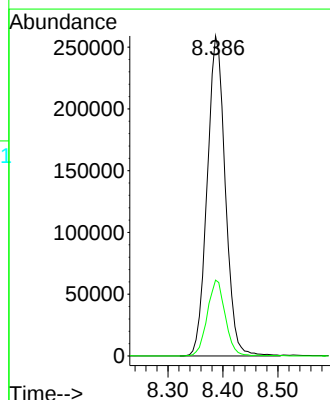
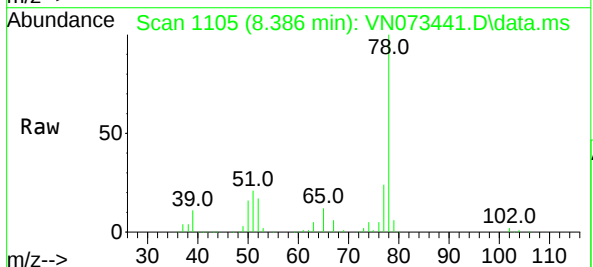
Acq: 12 Jul 2022 17:15

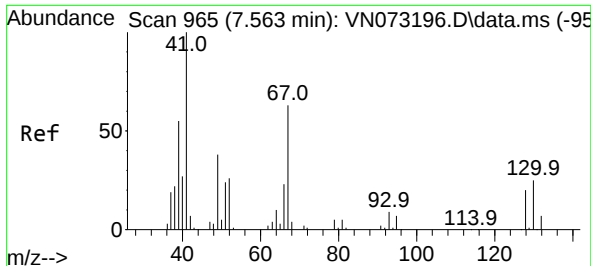
Tgt Ion: 78 Resp: 592329

Ion Ratio Lower Upper

78 100

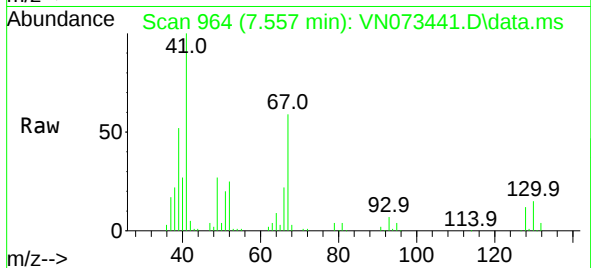
77 23.7 19.4 29.0





#41
Methacrylonitrile
Concen: 55.086 ug/l
RT: 7.557 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN073441.D
Acq: 12 Jul 2022 17:15

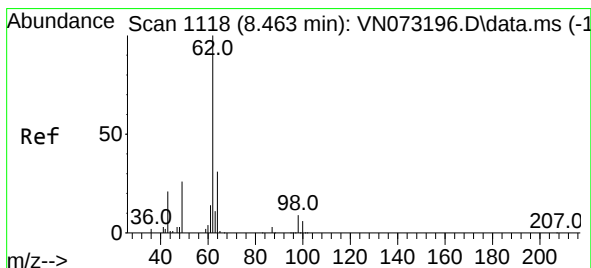
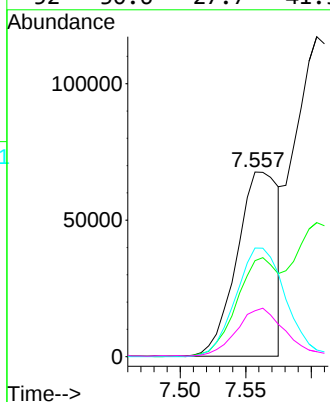
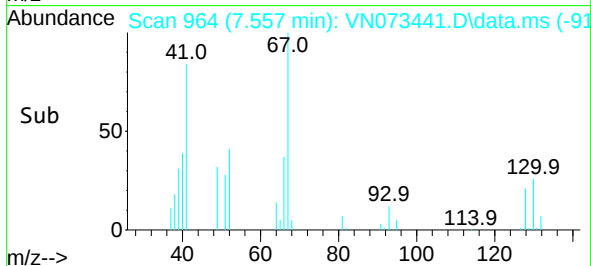
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



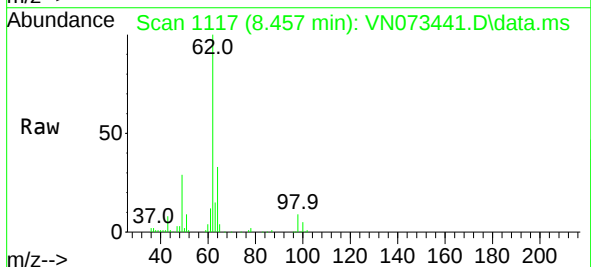
Tgt Ion: 41 Resp: 148220
Ion Ratio Lower Upper
41 100
39 52.8 48.6 73.0
67 71.7 73.4 110.2
52 30.6 27.7 41.5

Manual Integrations
APPROVED

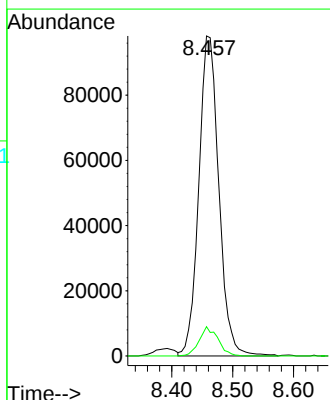
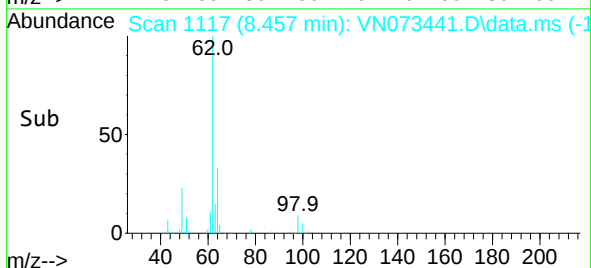
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

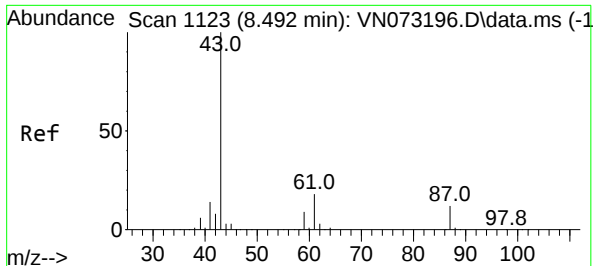


#42
1,2-Dichloroethane
Concen: 54.606 ug/l
RT: 8.457 min Scan# 1117
Delta R.T. -0.006 min
Lab File: VN073441.D
Acq: 12 Jul 2022 17:15



Tgt Ion: 62 Resp: 224306
Ion Ratio Lower Upper
62 100
98 8.6 0.0 19.4





#43

Isopropyl Acetate

Concen: 56.546 ug/l

RT: 8.492 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN073441.D

Acq: 12 Jul 2022 17:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 450869

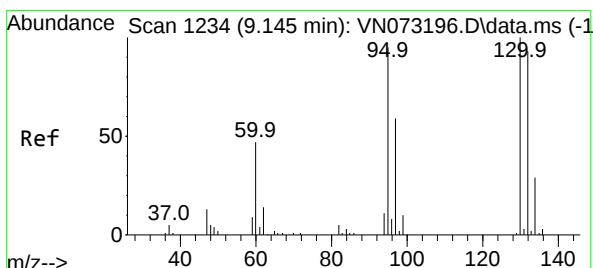
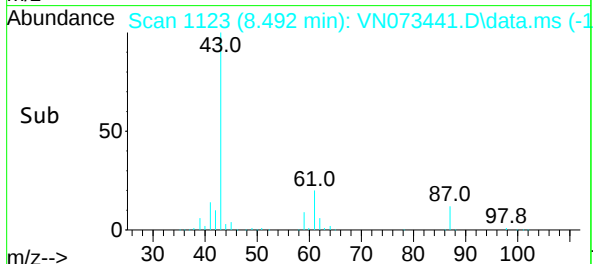
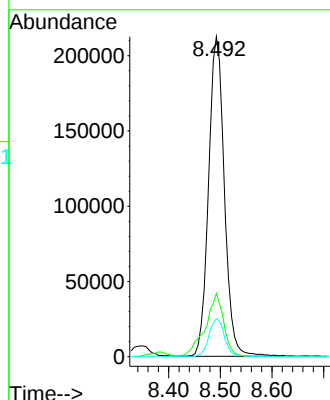
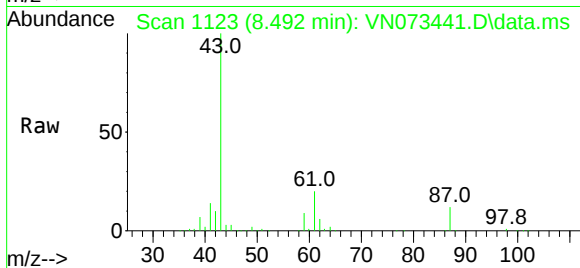
Ion	Ratio	Lower	Upper
43	100		
61	23.4	21.9	32.9
87	11.7	12.0	18.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#44

Trichloroethene

Concen: 48.382 ug/l

RT: 9.151 min Scan# 1235

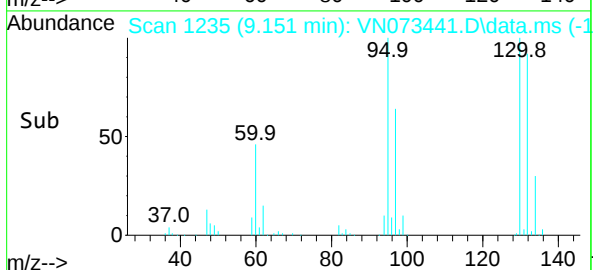
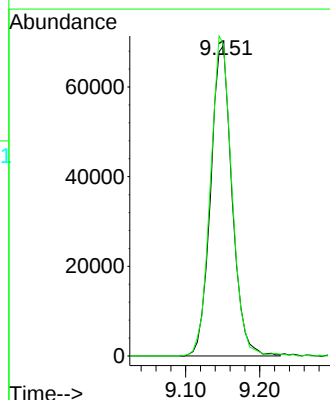
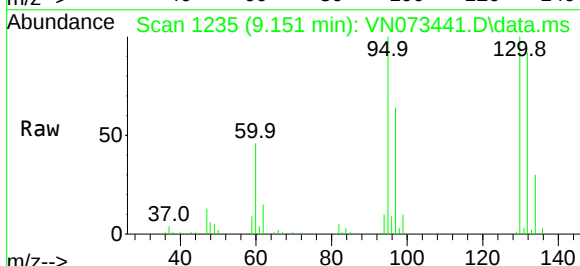
Delta R.T. 0.006 min

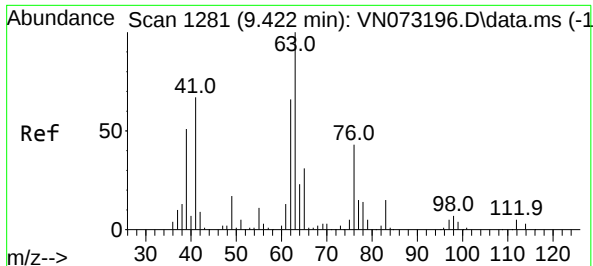
Lab File: VN073441.D

Acq: 12 Jul 2022 17:15

Tgt Ion:130 Resp: 139521

Ion	Ratio	Lower	Upper
130	100		
95	100.4	0.0	186.8





#45

1,2-Dichloropropane

Concen: 54.564 ug/l

RT: 9.422 min Scan# 1281

Delta R.T. -0.000 min

Lab File: VN073441.D

Acq: 12 Jul 2022 17:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 15759

Ion Ratio Lower Upper

63 100

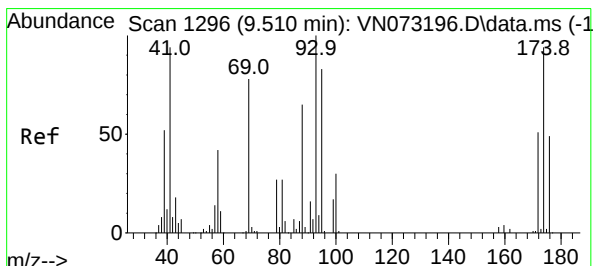
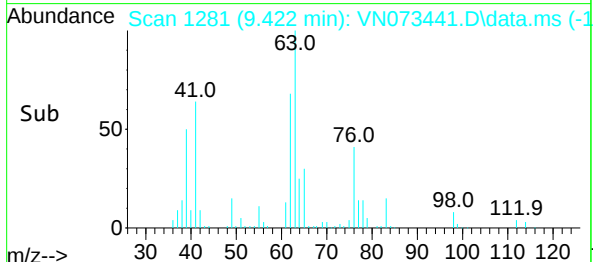
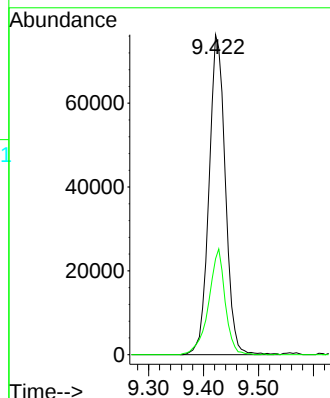
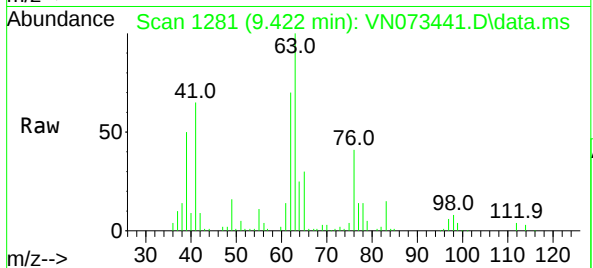
65 30.0 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#46

Dibromomethane

Concen: 53.923 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. 0.006 min

Lab File: VN073441.D

Acq: 12 Jul 2022 17:15

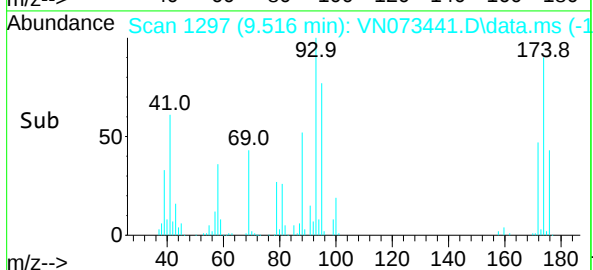
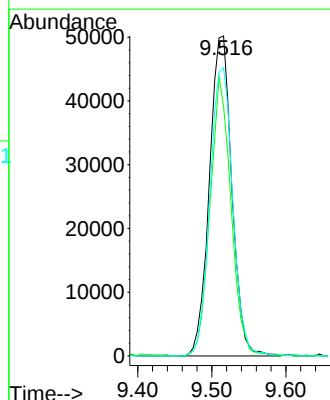
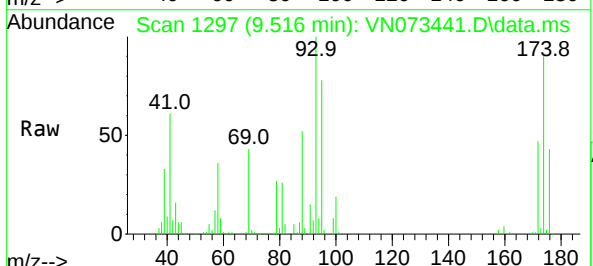
Tgt Ion: 93 Resp: 105749

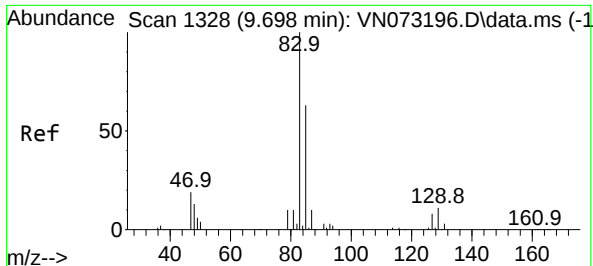
Ion Ratio Lower Upper

93 100

95 81.0 66.9 100.3

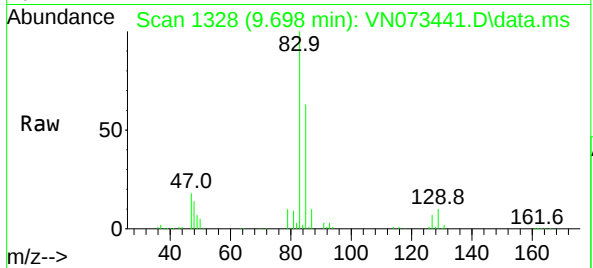
174 91.7 86.6 130.0





#47
Bromodichloromethane
Concen: 56.688 ug/l
RT: 9.698 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VN073441.D
Acq: 12 Jul 2022 17:15

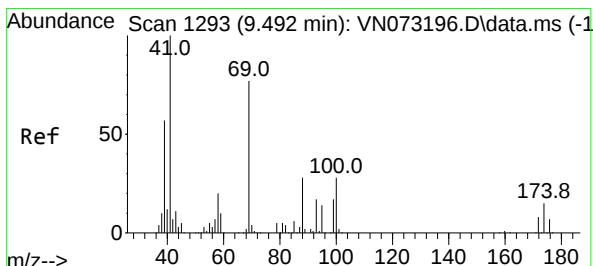
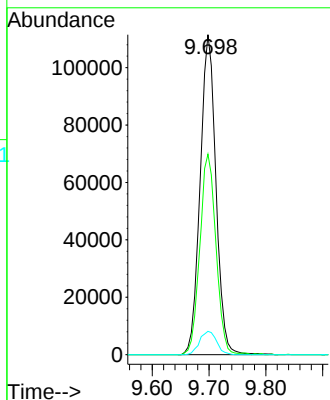
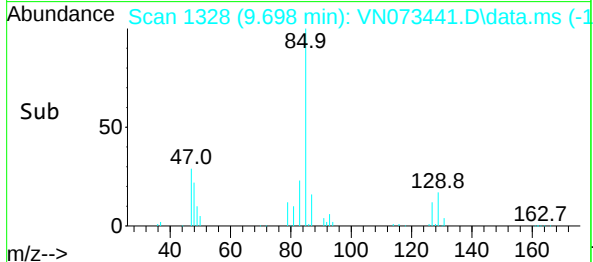
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



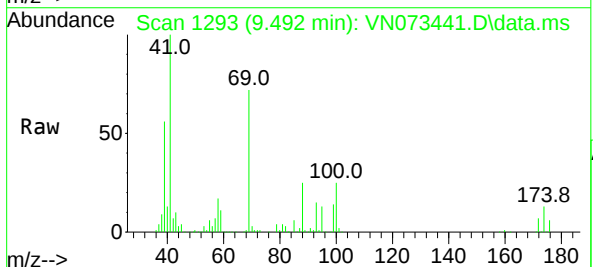
Tgt Ion: 83 Resp: 215315
Ion Ratio Lower Upper
83 100
85 62.7 50.5 75.7
127 7.3 6.8 10.2

Manual Integrations
APPROVED

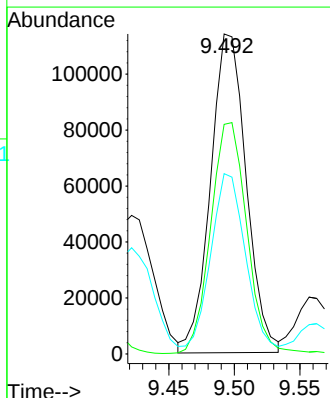
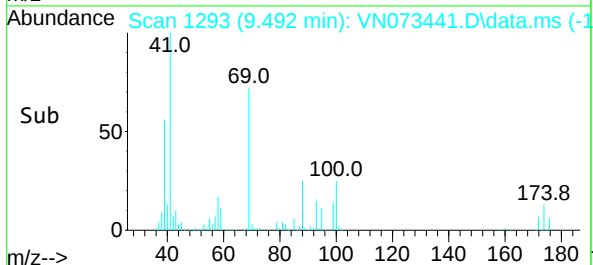
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

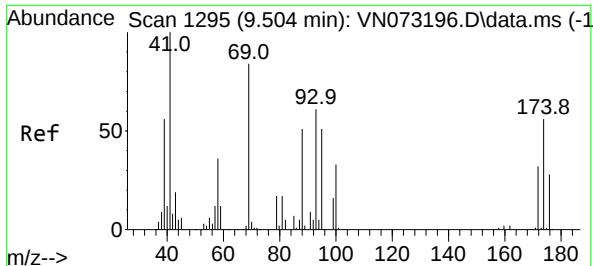


#48
Methyl methacrylate
Concen: 58.466 ug/l
RT: 9.492 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VN073441.D
Acq: 12 Jul 2022 17:15



Tgt Ion: 41 Resp: 215848
Ion Ratio Lower Upper
41 100
69 74.1 74.7 112.1#
39 56.1 45.6 68.4





#49

1,4-Dioxane

Concen: 1186.947 ug/l

RT: 9.504 min Scan# 1295

Delta R.T. -0.000 min

Lab File: VN073441.D

Acq: 12 Jul 2022 17:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 8318

Ion Ratio Lower Upper

88 100

43 35.4 20.2 30.4

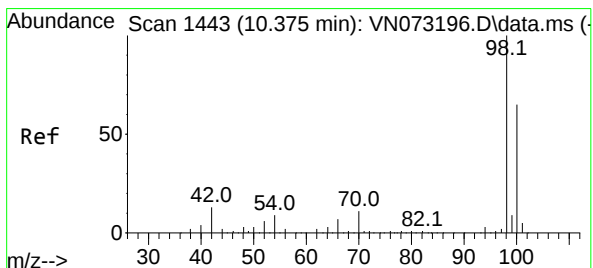
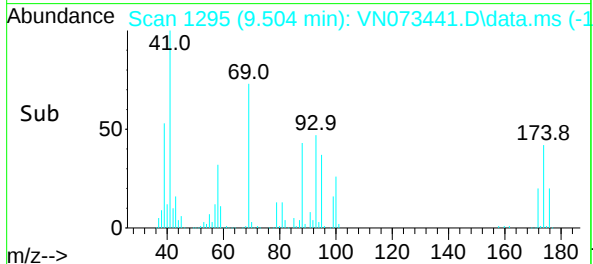
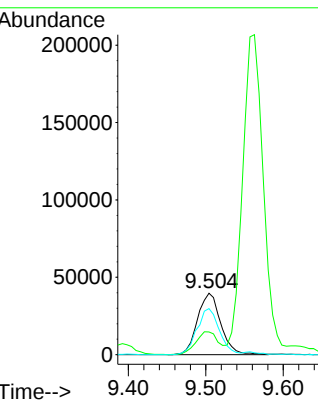
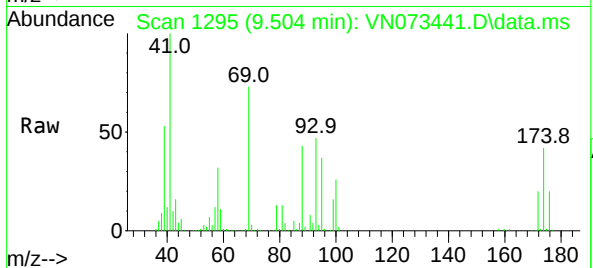
58 72.0 54.2 81.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#50

Toluene-d8

Concen: 48.630 ug/l

RT: 10.374 min Scan# 1443

Delta R.T. -0.001 min

Lab File: VN073441.D

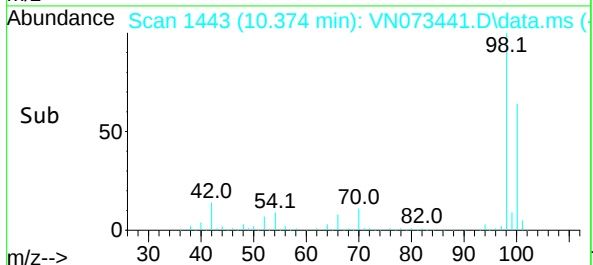
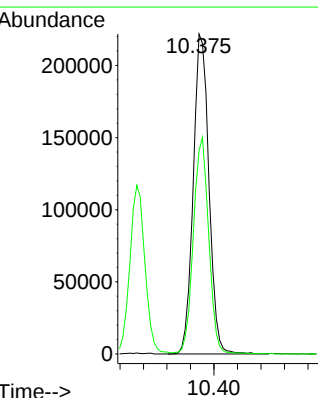
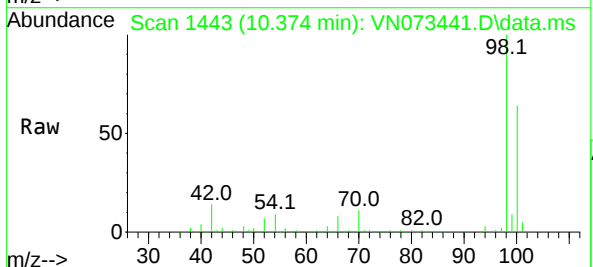
Acq: 12 Jul 2022 17:15

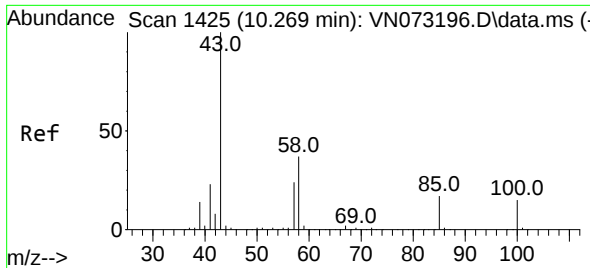
Tgt Ion: 98 Resp: 412155

Ion Ratio Lower Upper

98 100

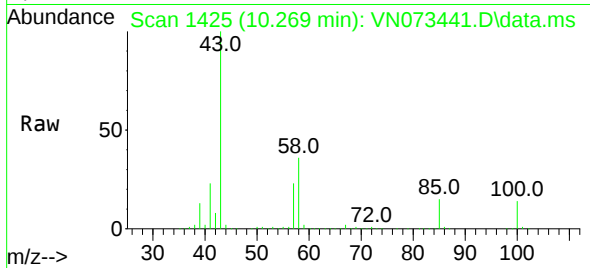
100 66.1 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 306.805 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VN073441.D
Acq: 12 Jul 2022 17:15

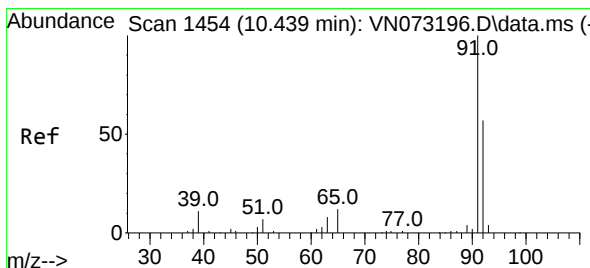
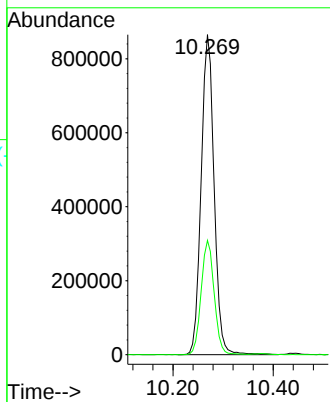
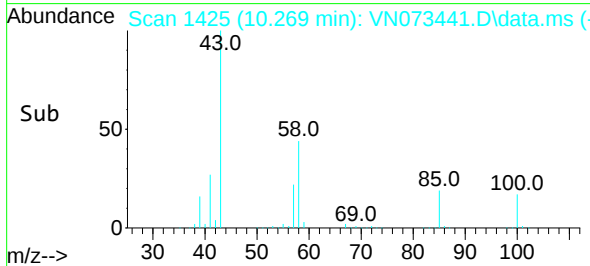
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



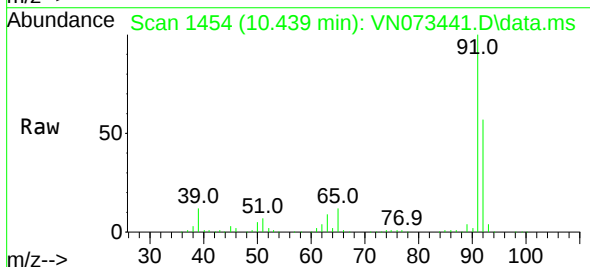
Tgt Ion: 43 Resp: 1551338
Ion Ratio Lower Upper
43 100
58 36.0 34.1 51.1

Manual Integrations
APPROVED

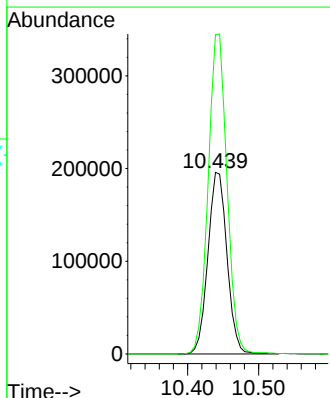
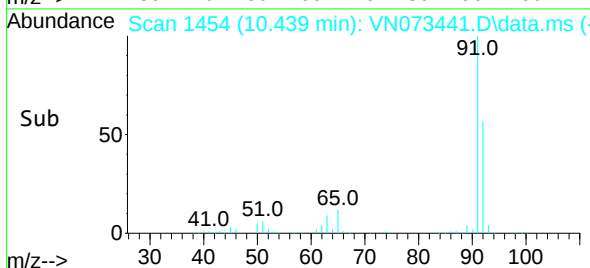
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

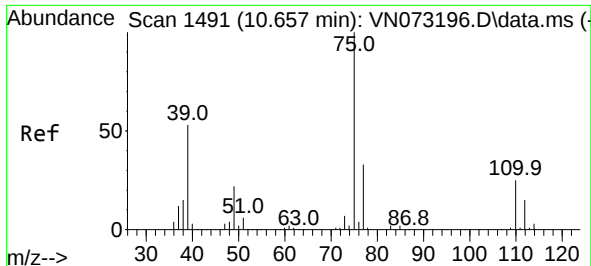


#52
Toluene
Concen: 52.155 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN073441.D
Acq: 12 Jul 2022 17:15



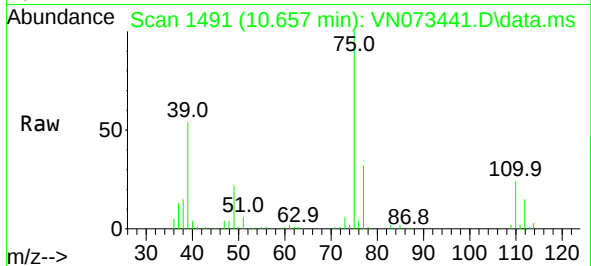
Tgt Ion: 92 Resp: 365242
Ion Ratio Lower Upper
92 100
91 174.2 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 53.345 ug/l
RT: 10.657 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN073441.D
Acq: 12 Jul 2022 17:15

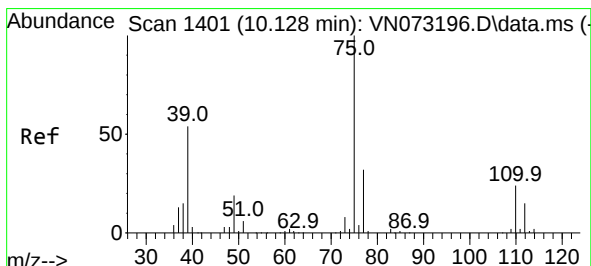
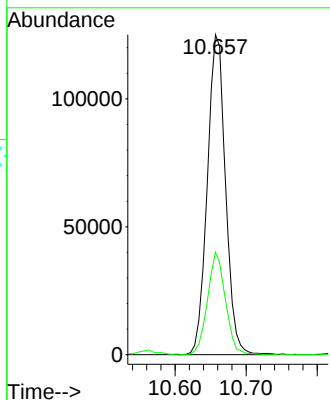
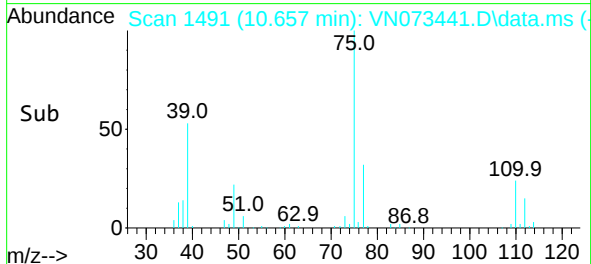
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



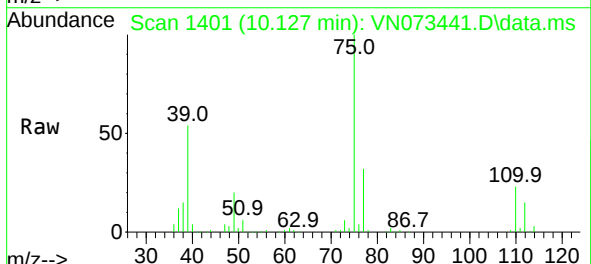
Tgt Ion: 75 Resp: 22305
Ion Ratio Lower Upper
75 100
77 31.9 25.6 38.4

Manual Integrations
APPROVED

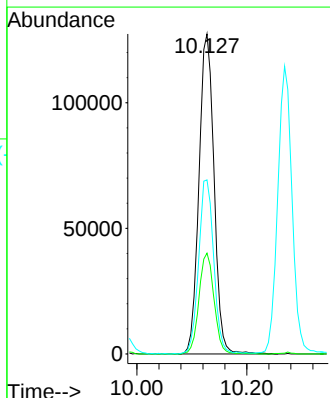
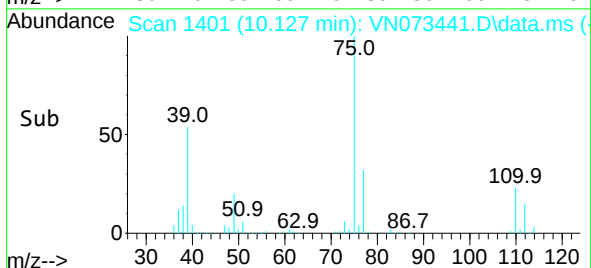
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

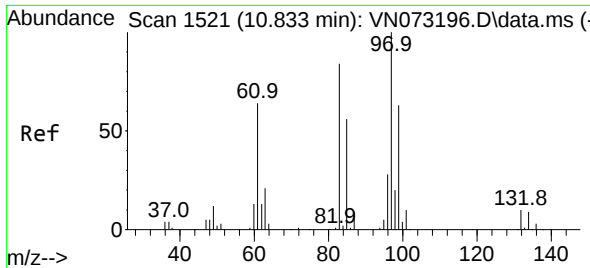


#54
cis-1,3-Dichloropropene
Concen: 53.777 ug/l
RT: 10.127 min Scan# 1401
Delta R.T. -0.001 min
Lab File: VN073441.D
Acq: 12 Jul 2022 17:15



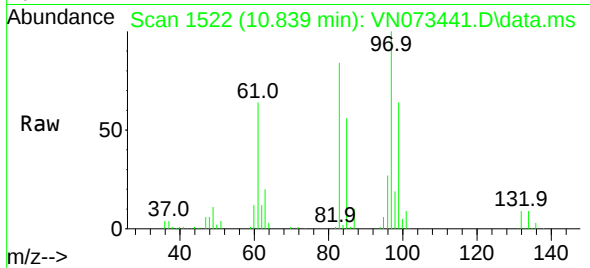
Tgt Ion: 75 Resp: 242758
Ion Ratio Lower Upper
75 100
77 31.5 25.2 37.8
39 54.4 35.7 53.5#





#55
1,1,2-Trichloroethane
Concen: 53.150 ug/l
RT: 10.839 min Scan# 1521
Delta R.T. 0.006 min
Lab File: VN073441.D
Acq: 12 Jul 2022 17:15

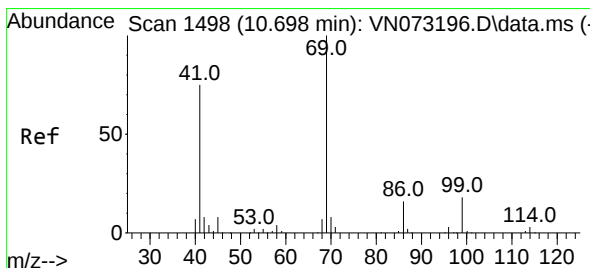
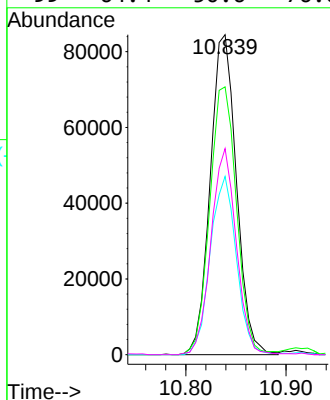
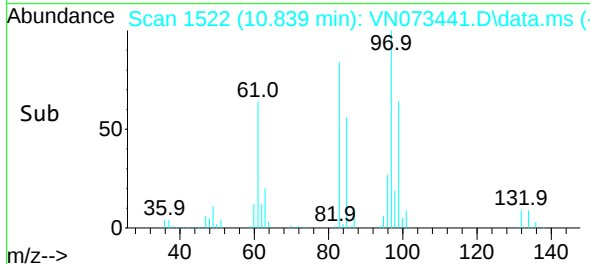
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



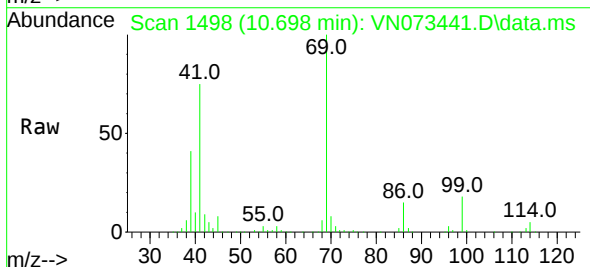
Tgt Ion: 97 Resp: 153234
Ion Ratio Lower Upper
97 100
83 83.7 66.2 99.4
85 55.7 43.9 65.9
99 64.4 50.6 76.0

Manual Integrations
APPROVED

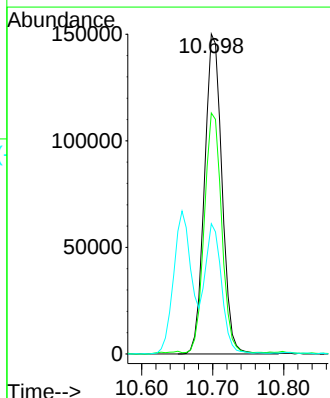
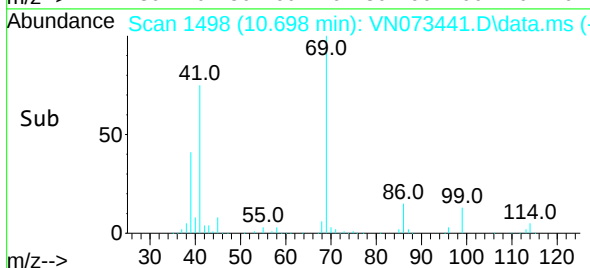
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

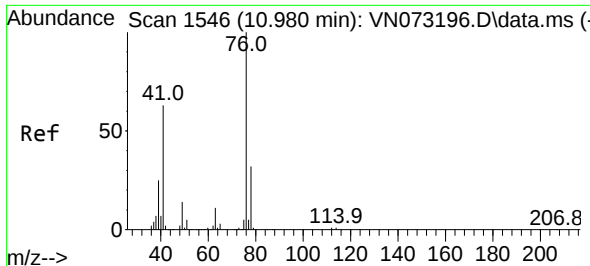


#56
Ethyl methacrylate
Concen: 55.145 ug/l
RT: 10.698 min Scan# 1498
Delta R.T. 0.000 min
Lab File: VN073441.D
Acq: 12 Jul 2022 17:15



Tgt Ion: 69 Resp: 256971
Ion Ratio Lower Upper
69 100
41 74.2 47.8 71.6#
39 38.0 27.3 40.9





#57

1,3-Dichloropropane

Concen: 54.585 ug/l

RT: 10.980 min Scan# 1546

Delta R.T. 0.000 min

Lab File: VN073441.D

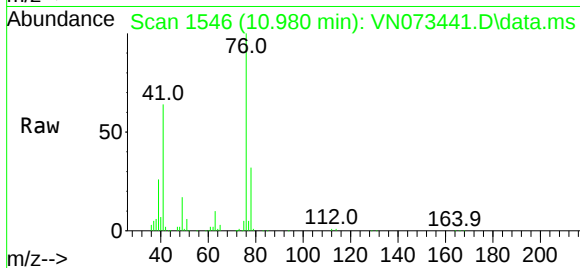
Acq: 12 Jul 2022 17:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 76 Resp: 269772

Ion Ratio Lower Upper

76 100

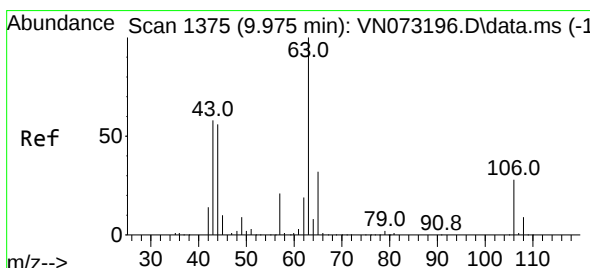
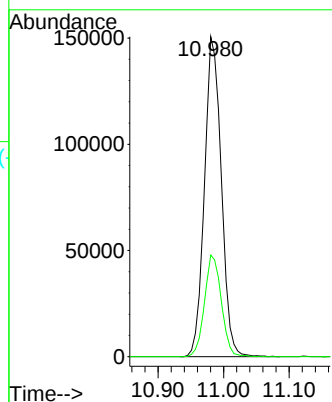
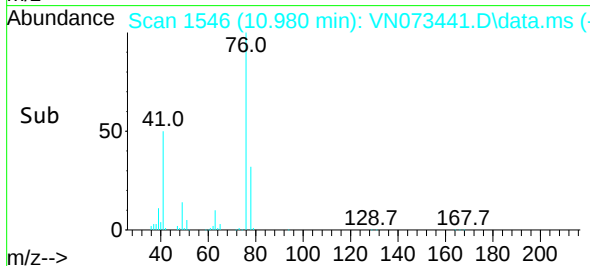
78 31.7 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/13/2022

Supervised By :Mahesh Dadoda 07/13/2022



#58

2-Chloroethyl Vinyl ether

Concen: 292.783 ug/l

RT: 9.980 min Scan# 1376

Delta R.T. 0.005 min

Lab File: VN073441.D

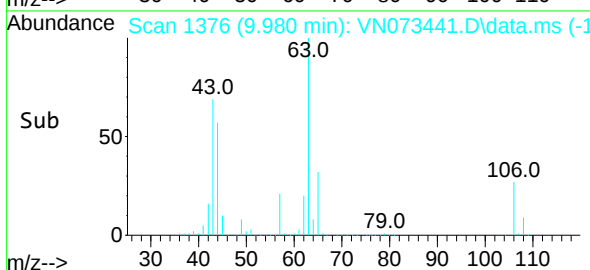
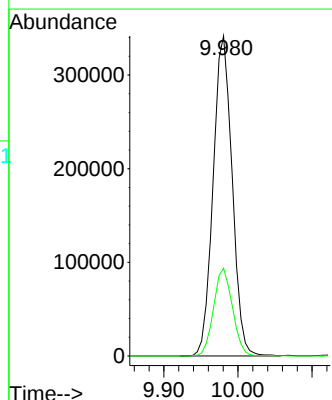
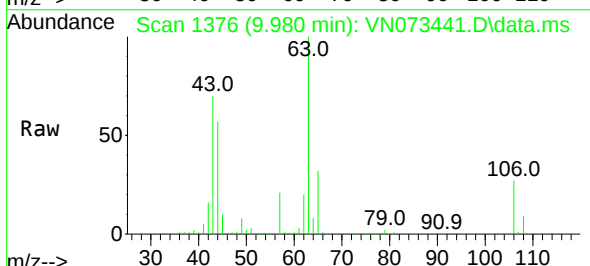
Acq: 12 Jul 2022 17:15

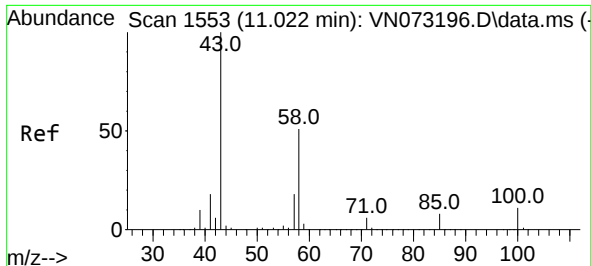
Tgt Ion: 63 Resp: 608472

Ion Ratio Lower Upper

63 100

106 27.2 24.6 36.8





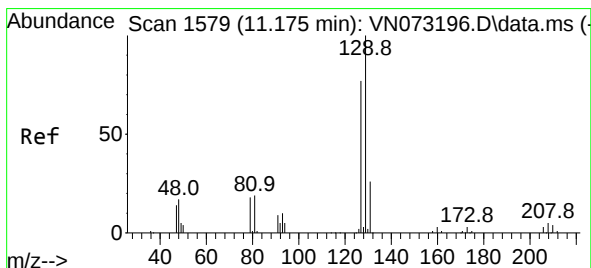
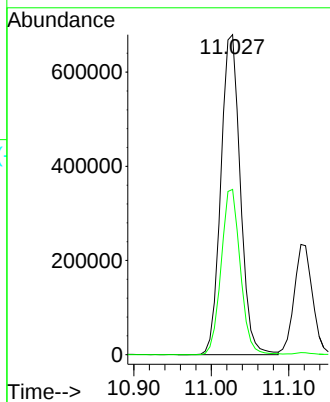
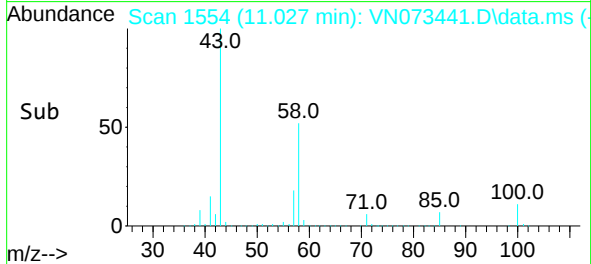
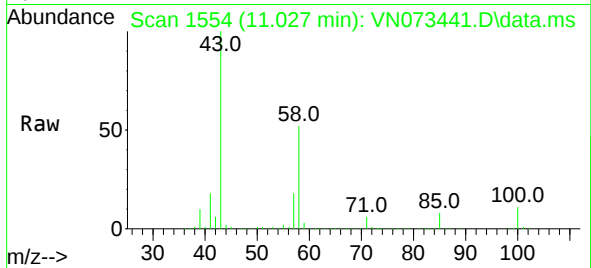
#59
2-Hexanone
Concen: 308.283 ug/l
RT: 11.027 min Scan# 1553
Delta R.T. 0.005 min
Lab File: VN073441.D
Acq: 12 Jul 2022 17:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1188230
Ion Ratio Lower Upper
43 100
58 50.9 29.7 89.1

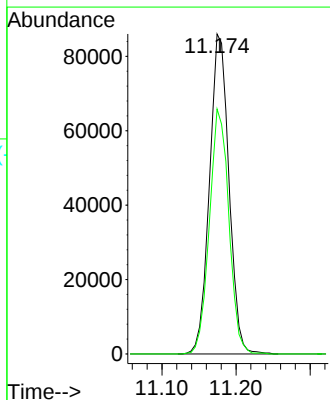
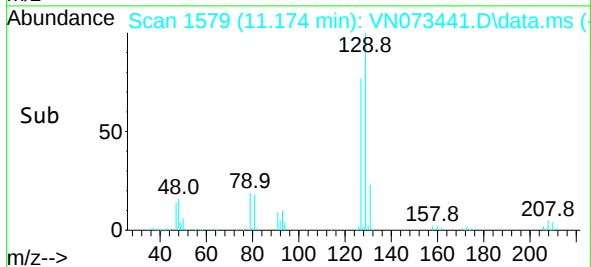
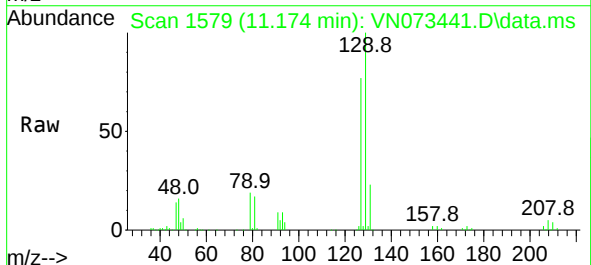
Manual Integrations
APPROVED

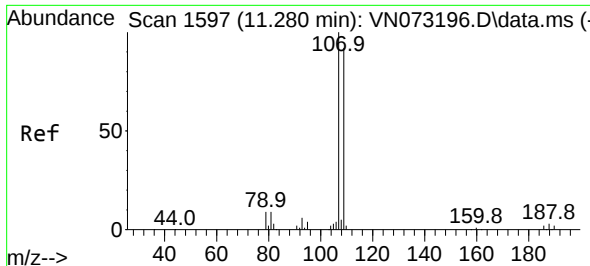
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#60
Dibromochloromethane
Concen: 56.978 ug/l
RT: 11.174 min Scan# 1579
Delta R.T. -0.001 min
Lab File: VN073441.D
Acq: 12 Jul 2022 17:15

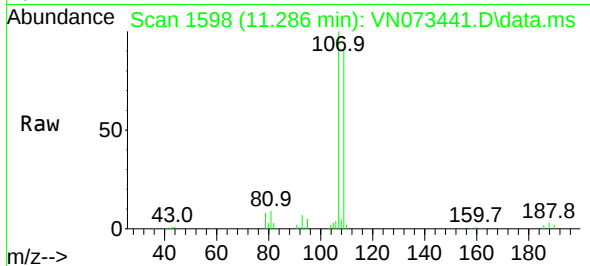
Tgt Ion:129 Resp: 156618
Ion Ratio Lower Upper
129 100
127 76.6 38.8 116.4





#61
1,2-Dibromoethane
Concen: 54.394 ug/l
RT: 11.286 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073441.D
Acq: 12 Jul 2022 17:15

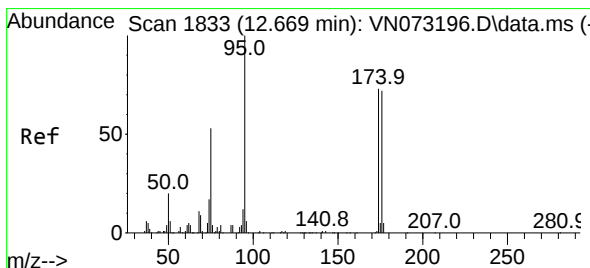
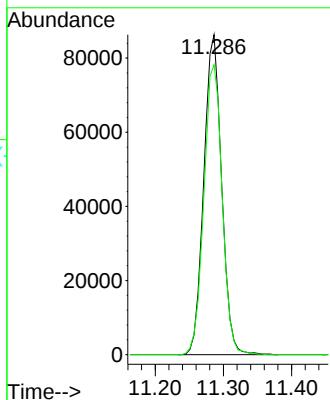
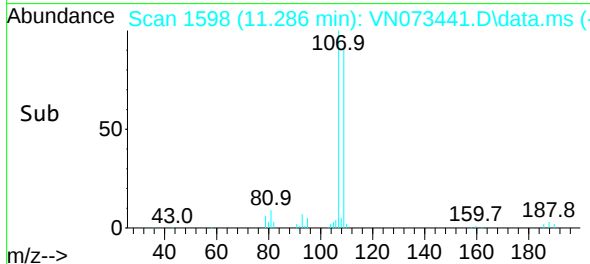
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



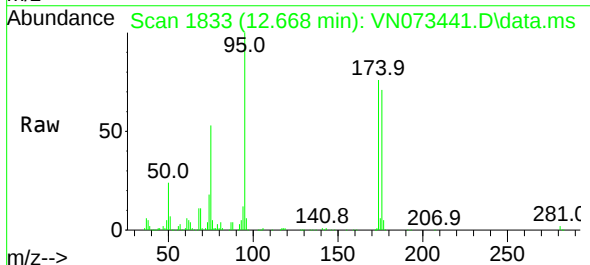
Tgt Ion:107 Resp: 15663
Ion Ratio Lower Upper
107 100
109 93.5 75.0 112.6

Manual Integrations
APPROVED

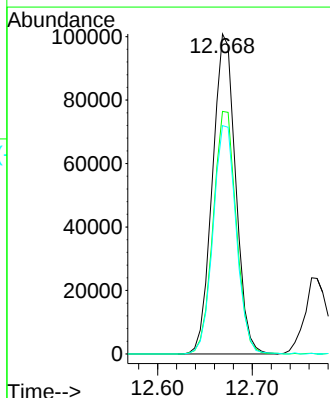
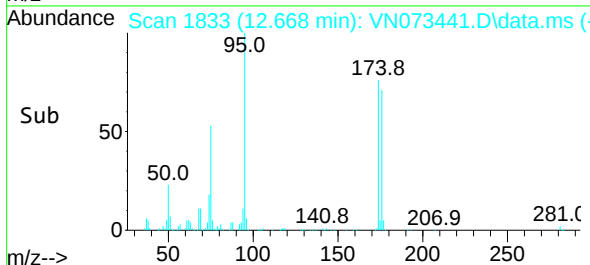
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

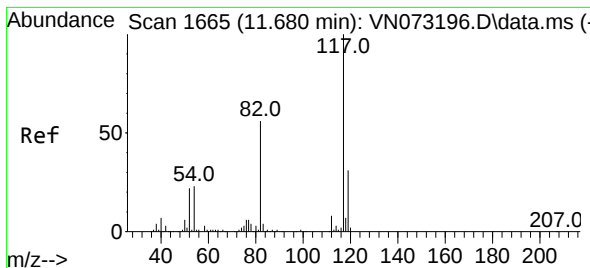


#62
4-Bromofluorobenzene
Concen: 52.579 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN073441.D
Acq: 12 Jul 2022 17:15



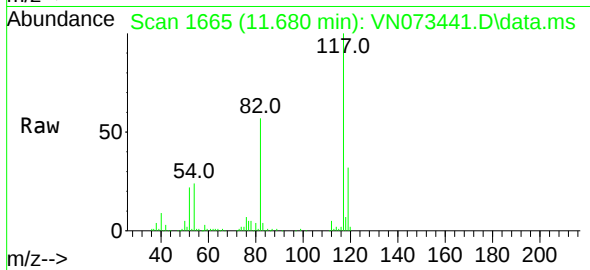
Tgt Ion: 95 Resp: 171253
Ion Ratio Lower Upper
95 100
174 75.5 0.0 167.6
176 71.5 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073441.D
Acq: 12 Jul 2022 17:15

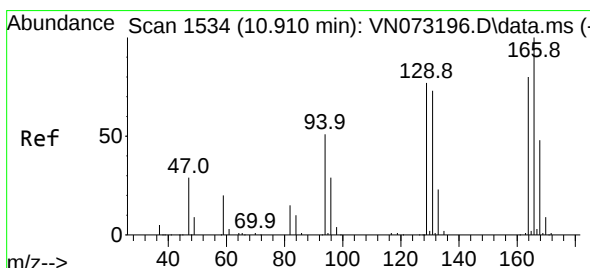
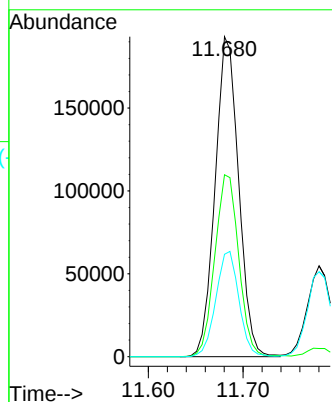
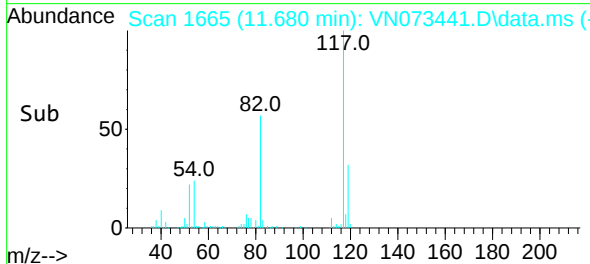
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



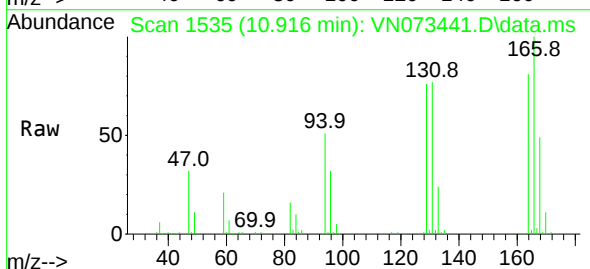
Tgt Ion:117 Resp: 33384
Ion Ratio Lower Upper
117 100
82 56.9 44.2 66.2
119 32.0 25.4 38.0

Manual Integrations
APPROVED

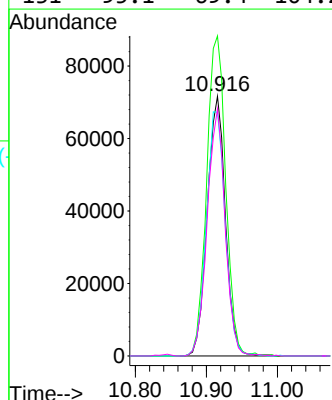
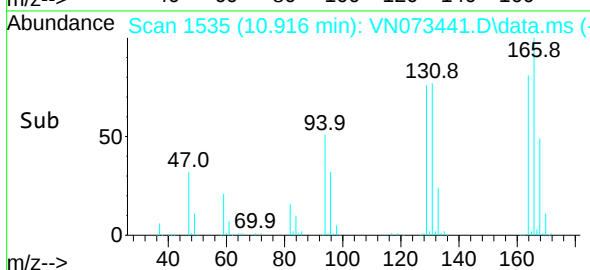
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

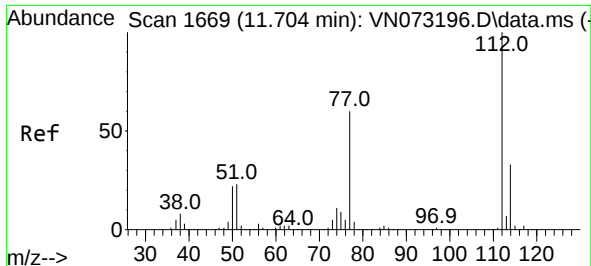


#64
Tetrachloroethene
Concen: 47.001 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. 0.006 min
Lab File: VN073441.D
Acq: 12 Jul 2022 17:15



Tgt Ion:164 Resp: 128129
Ion Ratio Lower Upper
164 100
166 123.2 104.2 156.2
129 93.8 73.9 110.9
131 95.1 69.4 104.2





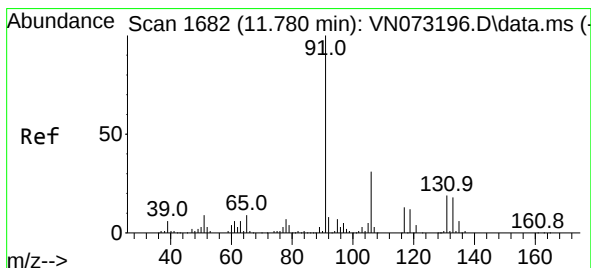
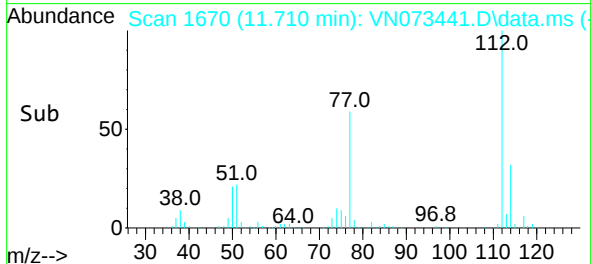
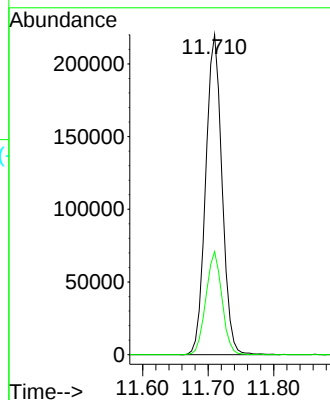
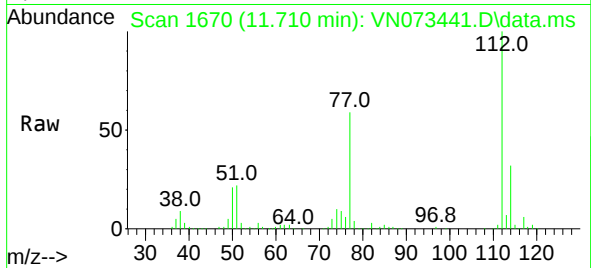
#65
Chlorobenzene
Concen: 50.547 ug/l
RT: 11.710 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN073441.D
Acq: 12 Jul 2022 17:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 38164
Ion Ratio Lower Upper
112 100
114 32.2 25.4 38.2

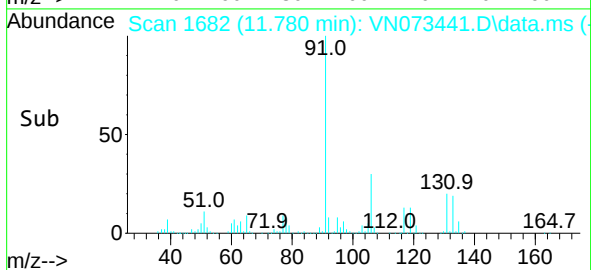
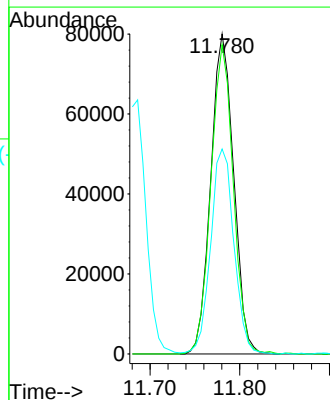
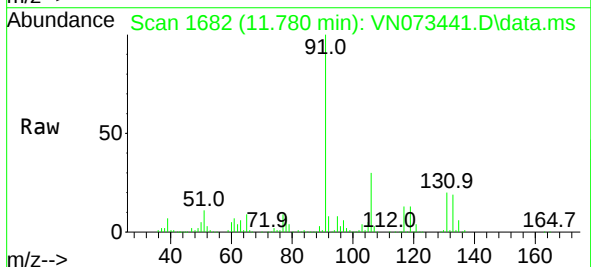
Manual Integrations
APPROVED

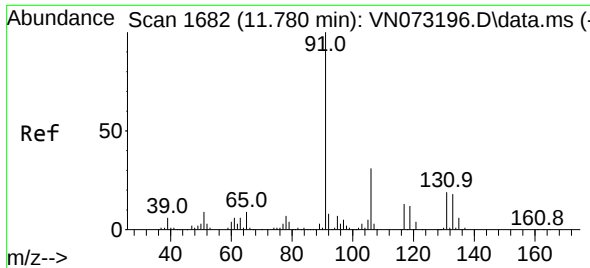
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 51.064 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073441.D
Acq: 12 Jul 2022 17:15

Tgt Ion:131 Resp: 141813
Ion Ratio Lower Upper
131 100
133 94.7 47.8 143.4
119 65.1 33.4 100.2





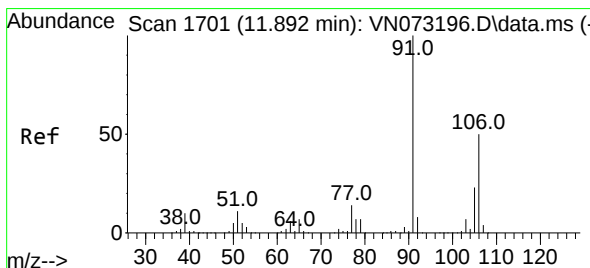
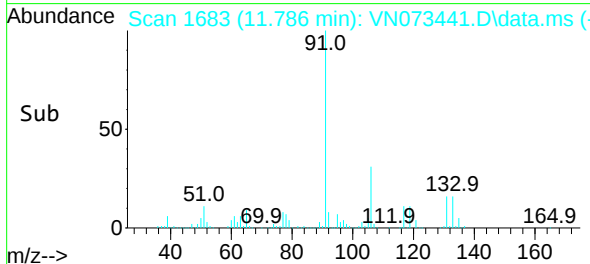
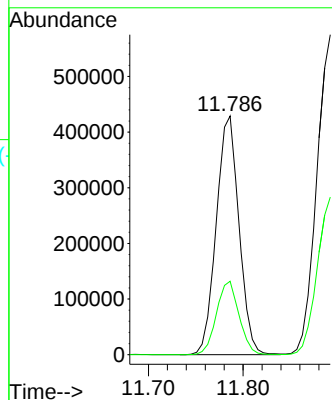
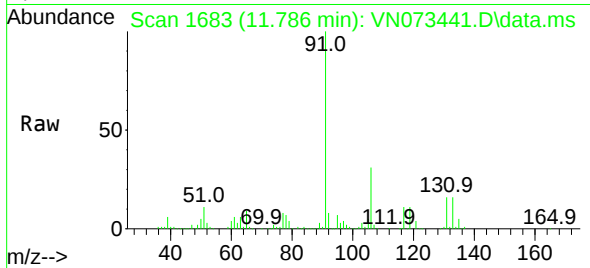
#67
Ethyl Benzene
Concen: 52.161 ug/l
RT: 11.786 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN073441.D
Acq: 12 Jul 2022 17:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 71499
Ion Ratio Lower Upper
91 100
106 30.8 24.9 37.3

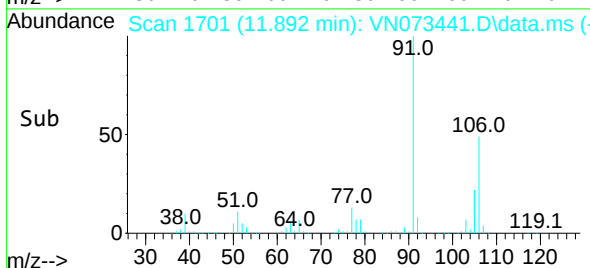
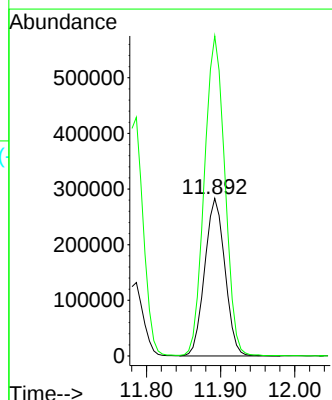
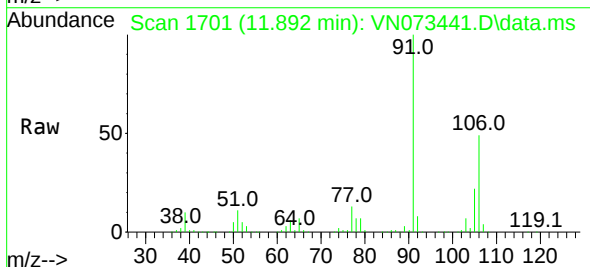
Manual Integrations
APPROVED

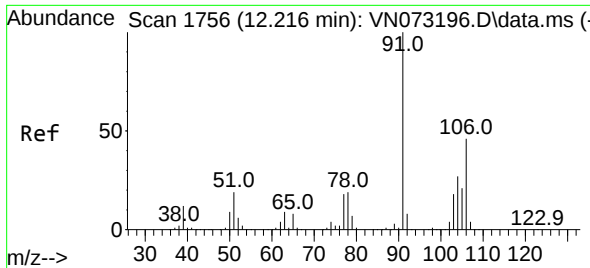
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#68
m/p-Xylenes
Concen: 103.953 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN073441.D
Acq: 12 Jul 2022 17:15

Tgt Ion:106 Resp: 537761
Ion Ratio Lower Upper
106 100
91 205.1 158.9 238.3





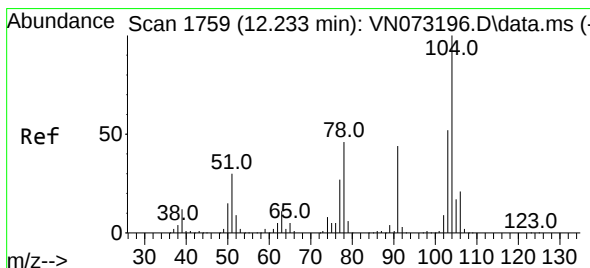
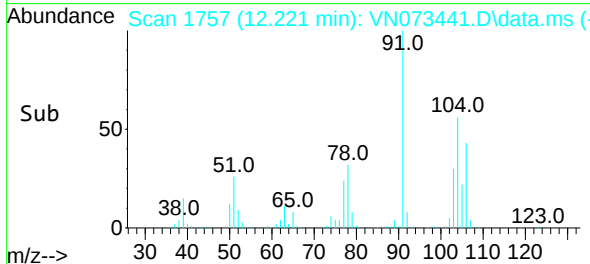
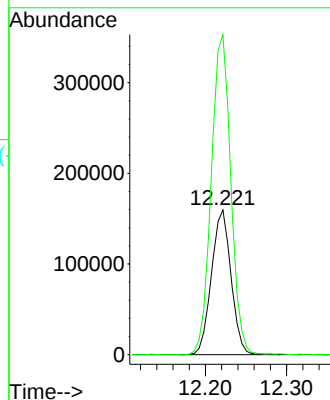
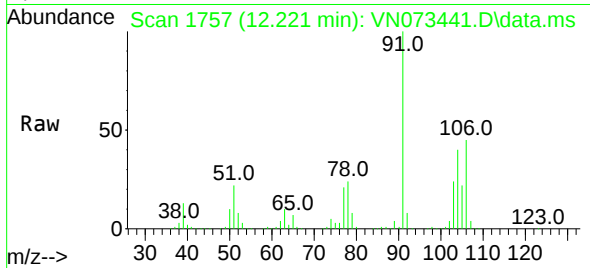
#69
o-Xylene
Concen: 50.520 ug/l
RT: 12.221 min Scan# 1756
Delta R.T. 0.005 min
Lab File: VN073441.D
Acq: 12 Jul 2022 17:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 266798
Ion Ratio Lower Upper
106 100
91 220.7 106.0 318.0

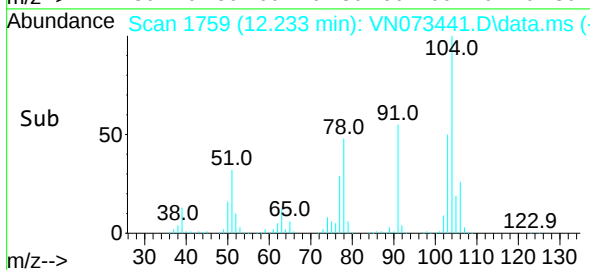
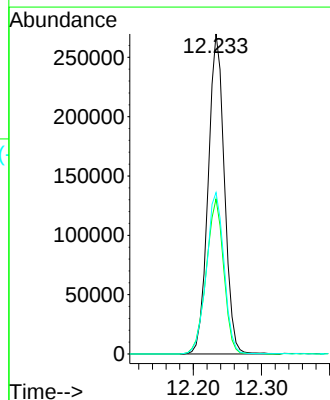
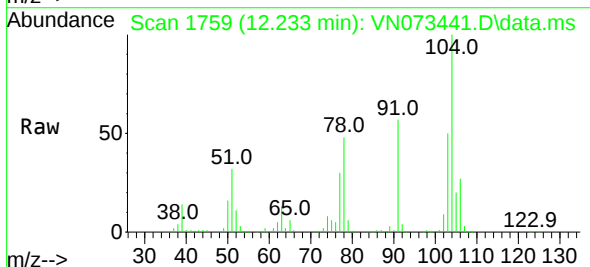
Manual Integrations
APPROVED

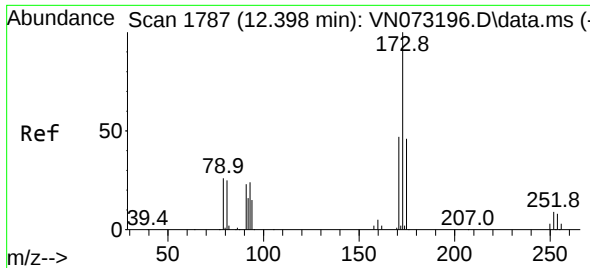
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#70
Styrene
Concen: 54.810 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN073441.D
Acq: 12 Jul 2022 17:15

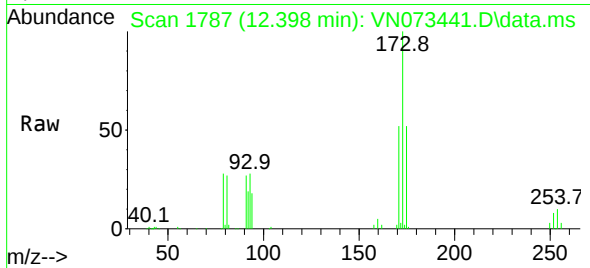
Tgt Ion:104 Resp: 446893
Ion Ratio Lower Upper
104 100
78 52.0 39.5 59.3
103 54.9 44.0 66.0





#71
Bromoform
Concen: 55.493 ug/l
RT: 12.398 min Scan# 1787
Delta R.T. -0.000 min
Lab File: VN073441.D
Acq: 12 Jul 2022 17:15

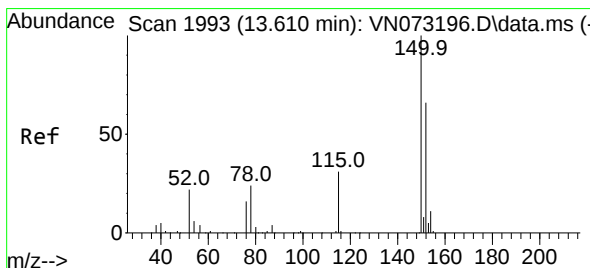
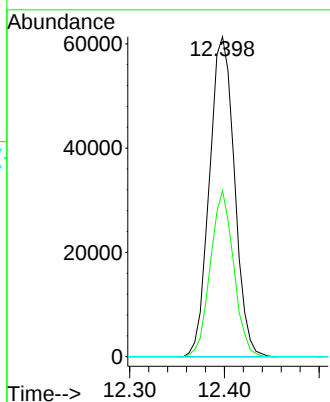
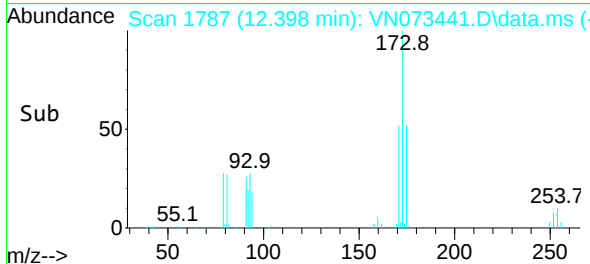
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



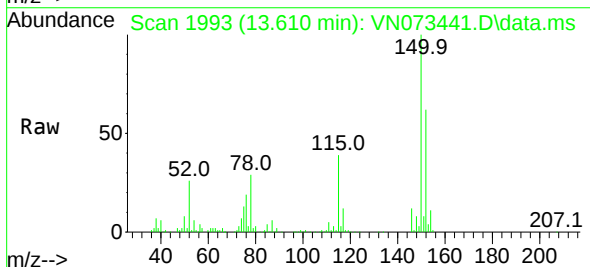
Tgt Ion:173 Resp: 112768
Ion Ratio Lower Upper
173 100
175 48.2 24.6 73.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

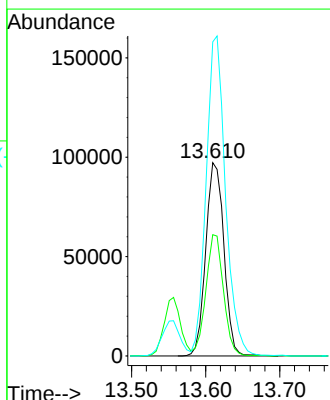
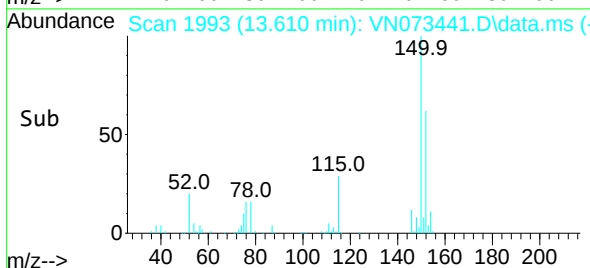
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

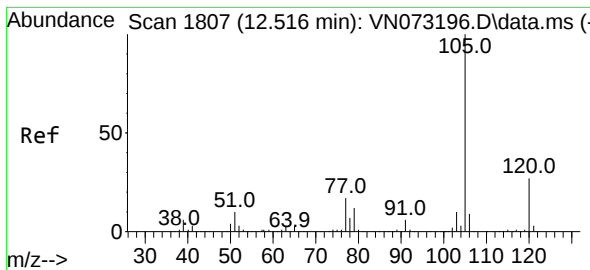


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN073441.D
Acq: 12 Jul 2022 17:15



Tgt Ion:152 Resp: 166052
Ion Ratio Lower Upper
152 100
115 61.0 28.9 86.7
150 176.5 0.0 356.2





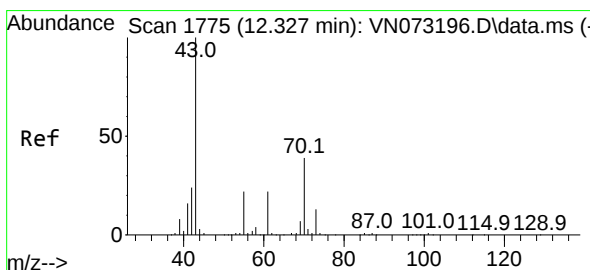
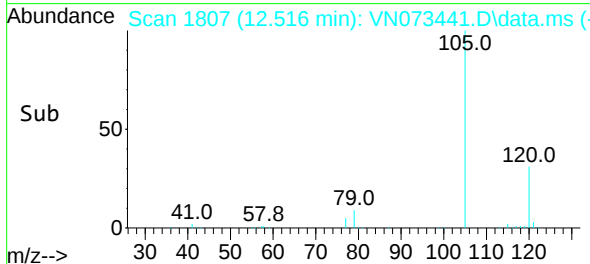
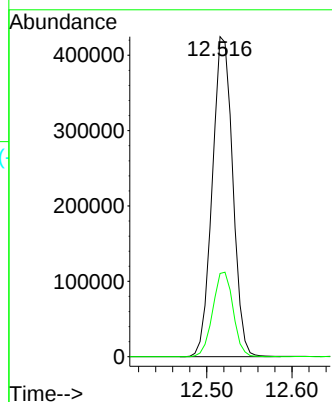
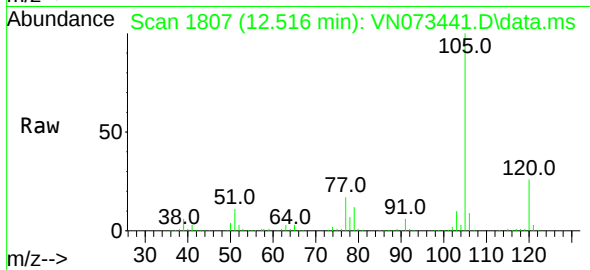
#73
Isopropylbenzene
Concen: 49.376 ug/l
RT: 12.516 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN073441.D
Acq: 12 Jul 2022 17:15

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 708018
Ion Ratio Lower Upper
105 100
120 26.3 13.5 40.4

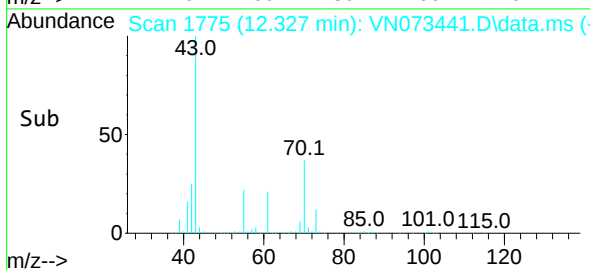
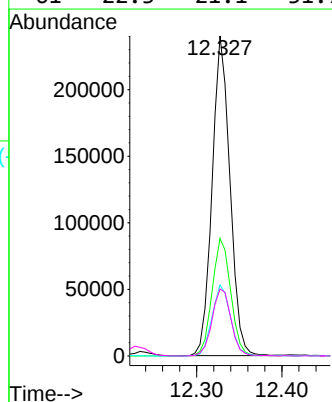
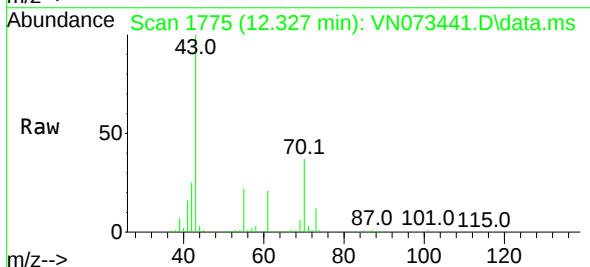
Manual Integrations
APPROVED

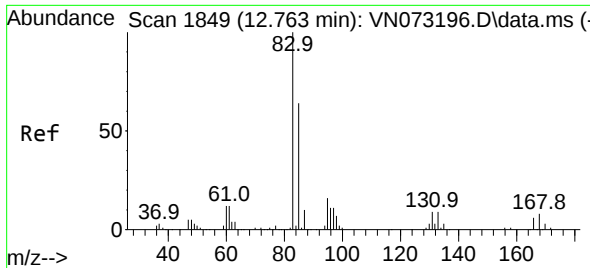
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#74
N-ethyl acetate
Concen: 48.596 ug/l
RT: 12.327 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN073441.D
Acq: 12 Jul 2022 17:15

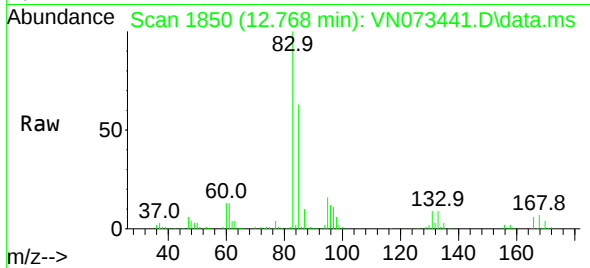
Tgt Ion: 43 Resp: 348919
Ion Ratio Lower Upper
43 100
70 38.4 39.0 58.4#
55 23.2 21.1 31.7
61 22.3 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 51.892 ug/l
RT: 12.768 min Scan# 1849
Delta R.T. 0.005 min
Lab File: VN073441.D
Acq: 12 Jul 2022 17:15

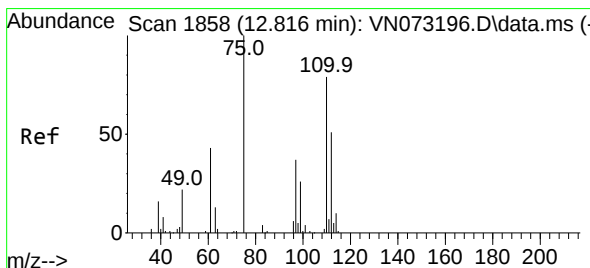
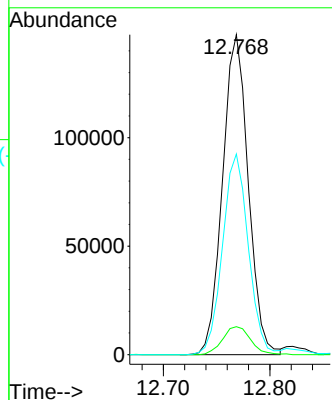
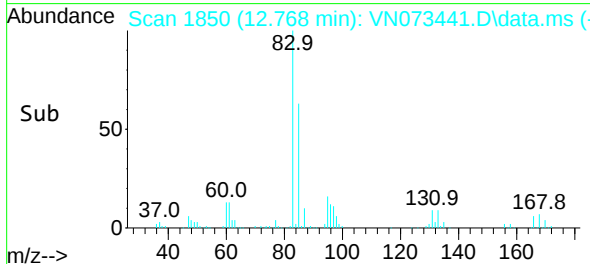
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 246918
Ion Ratio Lower Upper
83 100
131 9.6 5.3 15.9
85 62.7 32.3 96.9

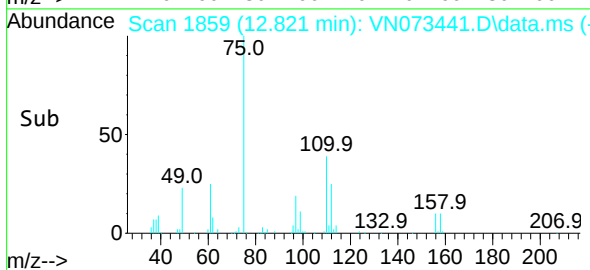
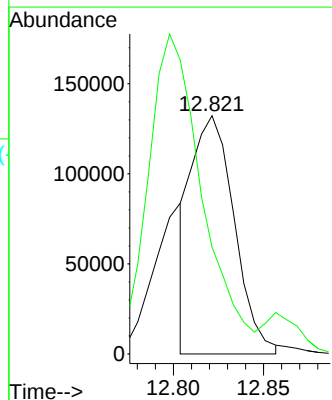
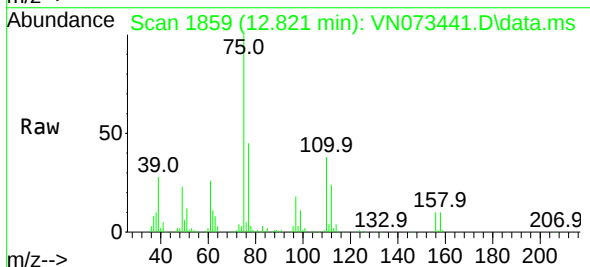
Manual Integrations
APPROVED

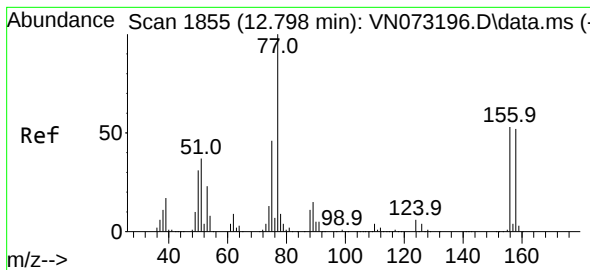
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#76
1,2,3-Trichloropropane
Concen: 50.424 ug/l m
RT: 12.821 min Scan# 1859
Delta R.T. 0.005 min
Lab File: VN073441.D
Acq: 12 Jul 2022 17:15

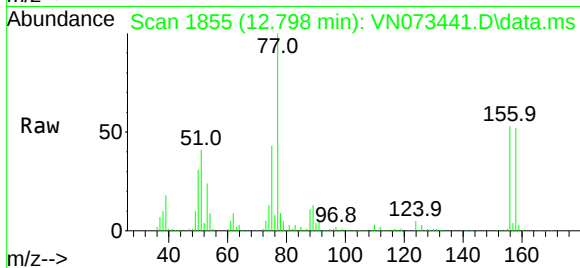
Tgt Ion: 75 Resp: 218938
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5#





#77
Bromobenzene
Concen: 47.793 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN073441.D
Acq: 12 Jul 2022 17:15

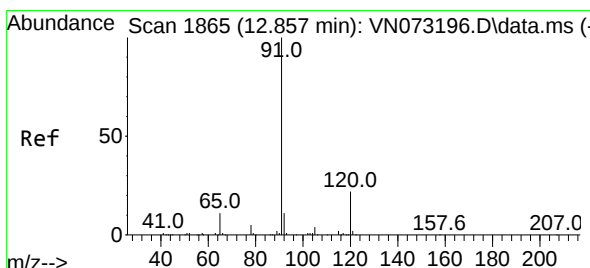
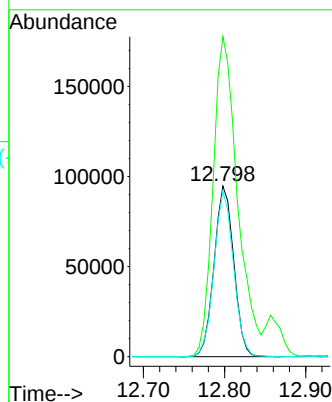
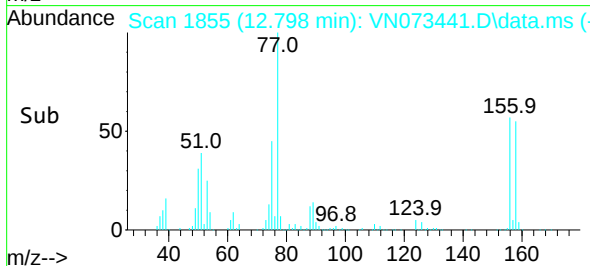
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



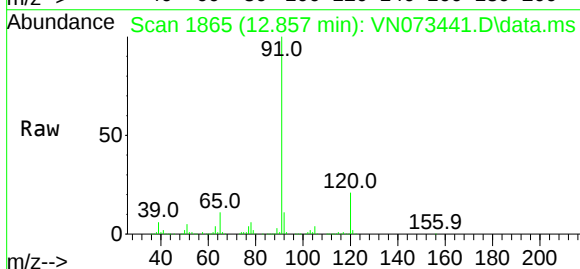
Tgt Ion:156 Resp: 159336
Ion Ratio Lower Upper
156 100
77 232.8 100.5 301.5
158 96.3 48.9 146.6

Manual Integrations
APPROVED

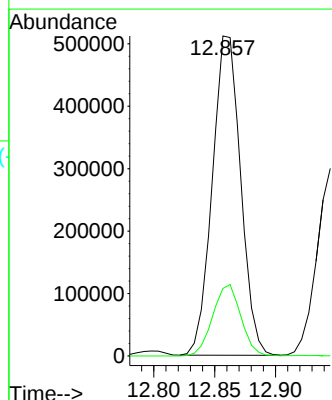
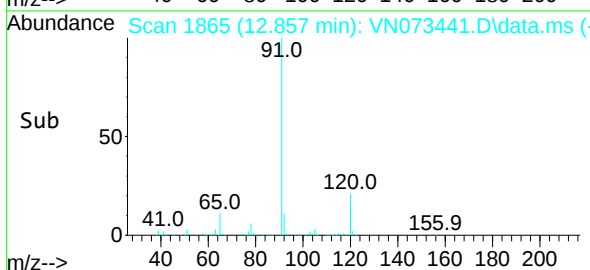
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

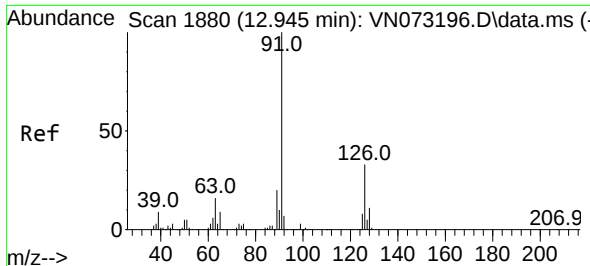


#78
n-propylbenzene
Concen: 51.975 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. -0.000 min
Lab File: VN073441.D
Acq: 12 Jul 2022 17:15



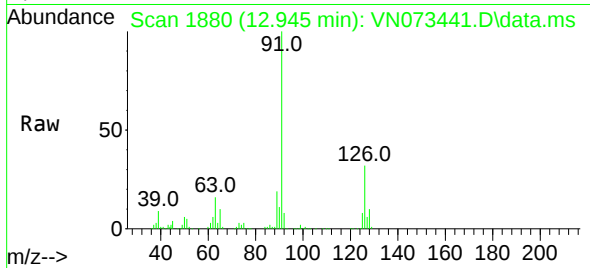
Tgt Ion: 91 Resp: 827943
Ion Ratio Lower Upper
91 100
120 22.2 11.9 35.5





#79
2-Chlorotoluene
Concen: 49.382 ug/l
RT: 12.945 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN073441.D
Acq: 12 Jul 2022 17:15

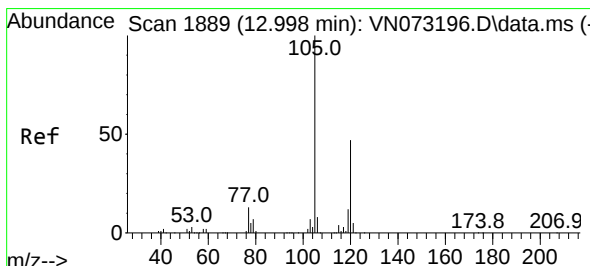
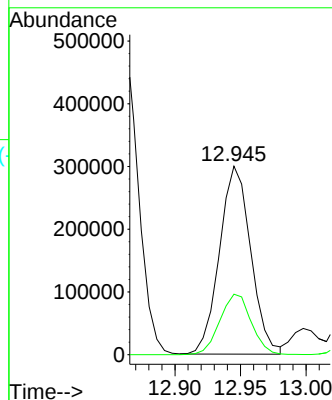
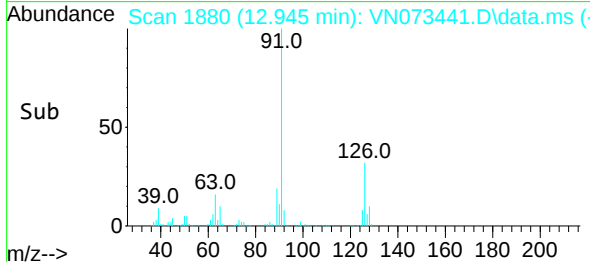
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



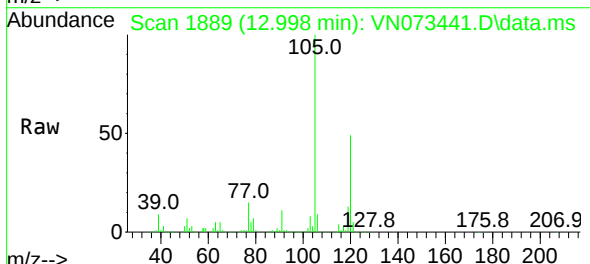
Tgt Ion: 91 Resp: 497869
Ion Ratio Lower Upper
91 100
126 32.3 17.3 51.9

Manual Integrations
APPROVED

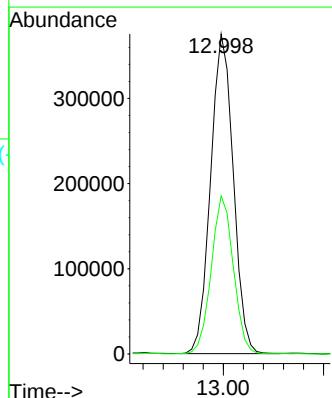
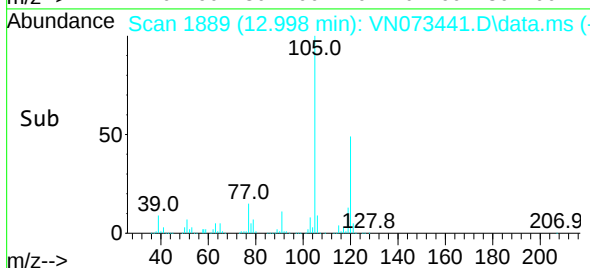
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

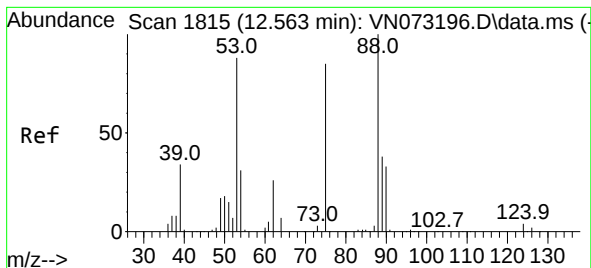


#80
1,3,5-Trimethylbenzene
Concen: 50.374 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN073441.D
Acq: 12 Jul 2022 17:15



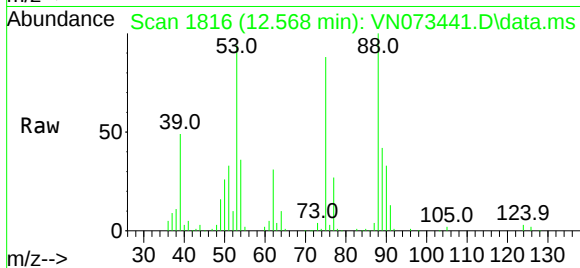
Tgt Ion:105 Resp: 588752
Ion Ratio Lower Upper
105 100
120 48.4 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 47.761 ug/l
RT: 12.568 min Scan# 1815
Delta R.T. 0.005 min
Lab File: VN073441.D
Acq: 12 Jul 2022 17:15

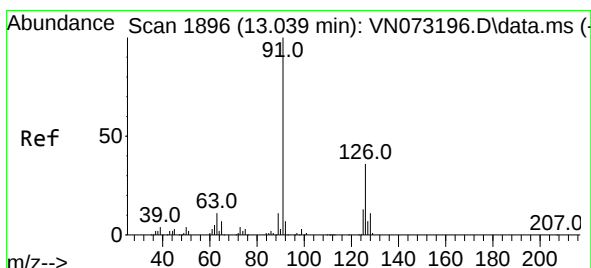
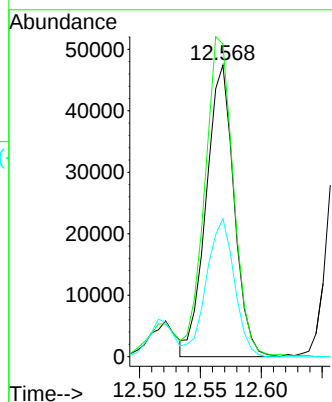
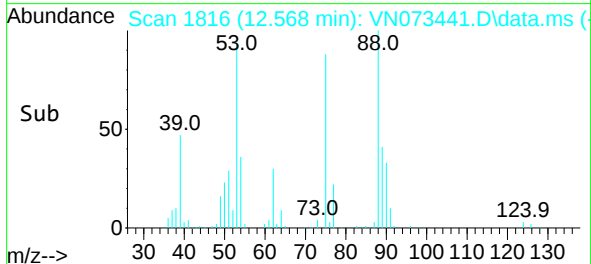
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 7561
Ion Ratio Lower Upper
75 100
53 112.9 78.0 117.0
89 47.6 37.2 55.8

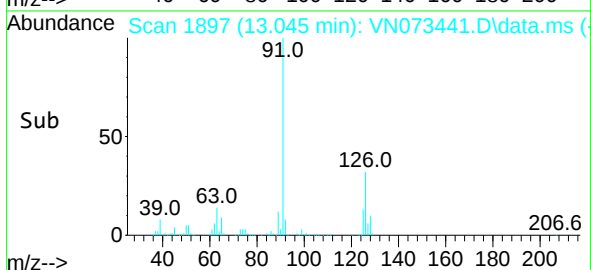
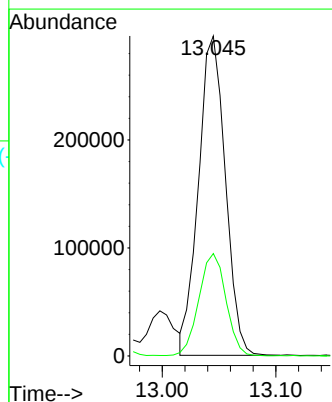
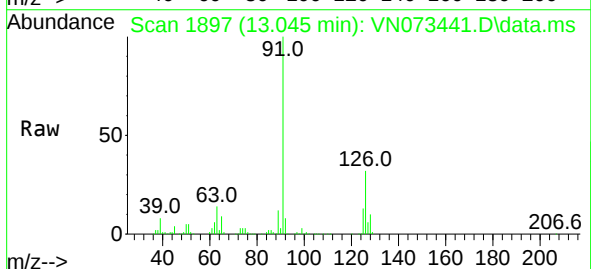
Manual Integrations
APPROVED

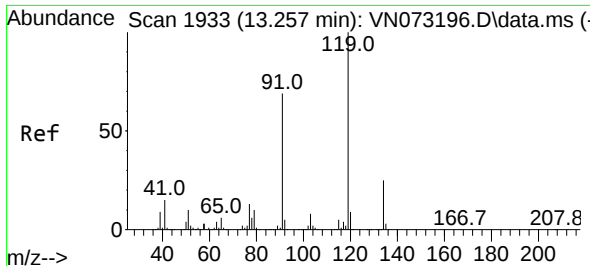
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#82
4-Chlorotoluene
Concen: 49.778 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.006 min
Lab File: VN073441.D
Acq: 12 Jul 2022 17:15

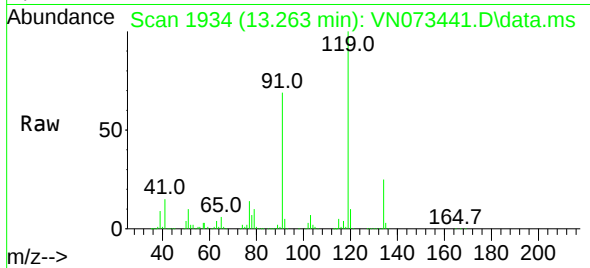
Tgt Ion: 91 Resp: 485868
Ion Ratio Lower Upper
91 100
126 32.3 17.2 51.6





#83
tert-Butylbenzene
Concen: 48.627 ug/l
RT: 13.263 min Scan# 1933
Delta R.T. 0.006 min
Lab File: VN073441.D
Acq: 12 Jul 2022 17:15

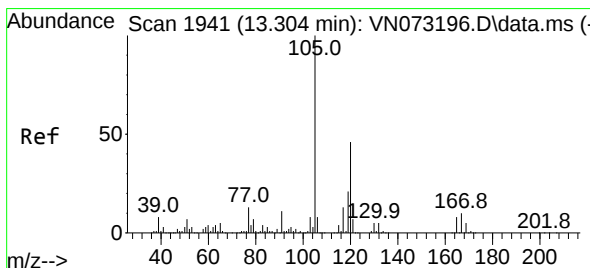
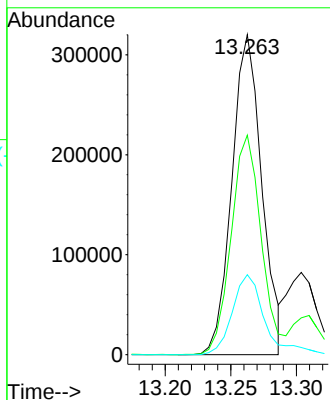
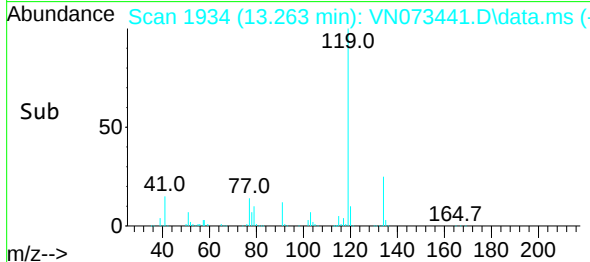
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



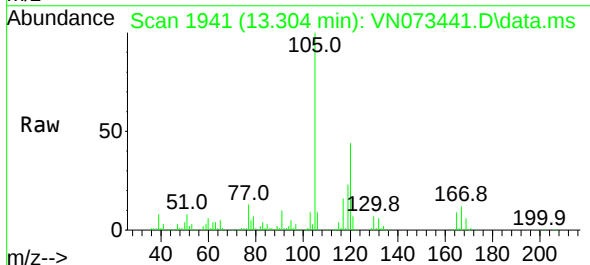
Tgt Ion:119 Resp: 509518
Ion Ratio Lower Upper
119 100
91 69.3 31.6 94.8
134 27.0 13.7 41.1

Manual Integrations
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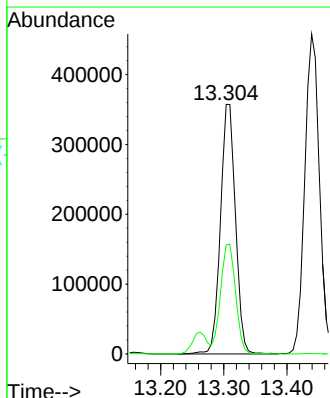
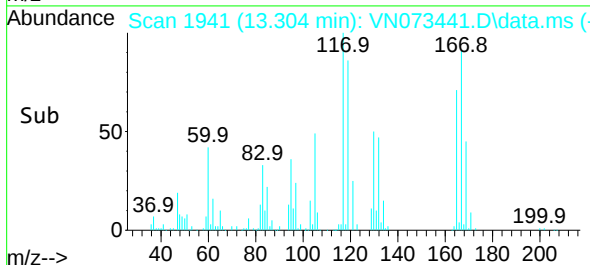
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

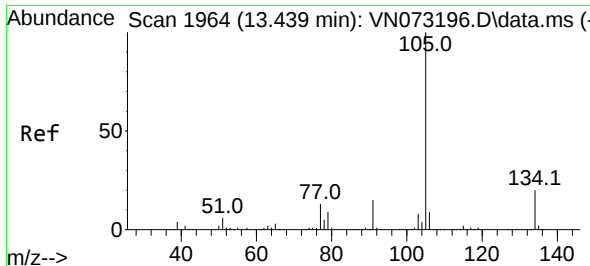


#84
1,2,4-Trimethylbenzene
Concen: 50.491 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. -0.000 min
Lab File: VN073441.D
Acq: 12 Jul 2022 17:15



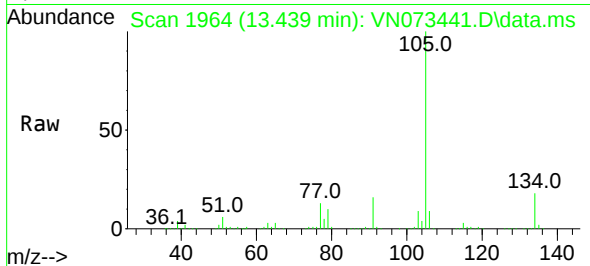
Tgt Ion:105 Resp: 589175
Ion Ratio Lower Upper
105 100
120 44.1 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 52.370 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VN073441.D
 Acq: 12 Jul 2022 17:15

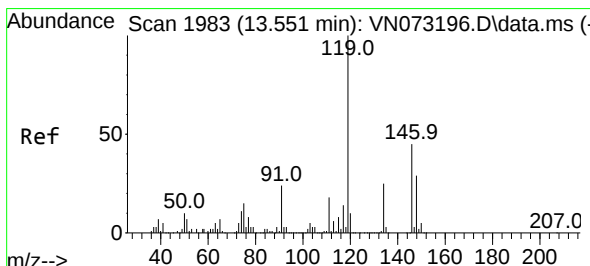
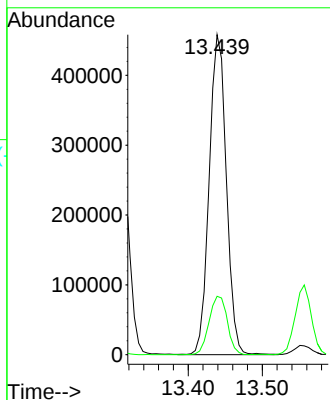
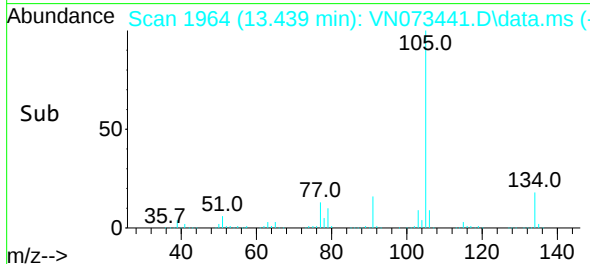
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



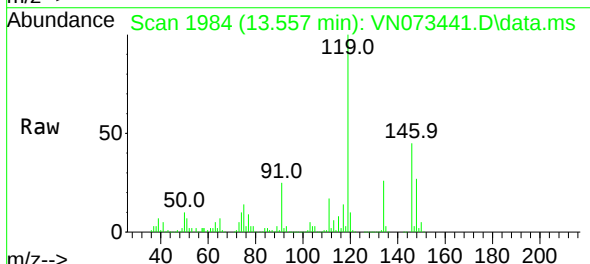
Tgt Ion:105 Resp: 73685
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.4 31.1

Manual Integrations
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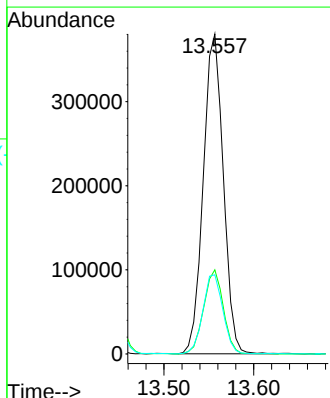
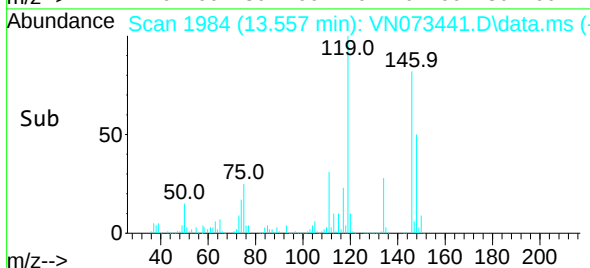
Reviewed By :John Carlone 07/13/2022
 Supervised By :Mahesh Dadoda 07/13/2022

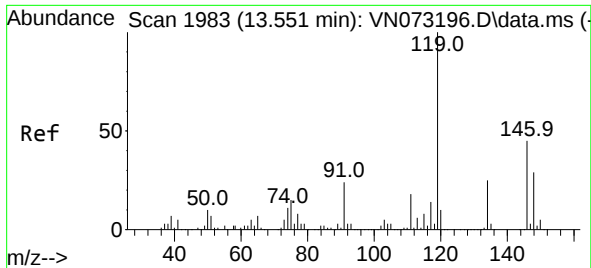


#86
 p-Isopropyltoluene
 Concen: 51.882 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. 0.006 min
 Lab File: VN073441.D
 Acq: 12 Jul 2022 17:15



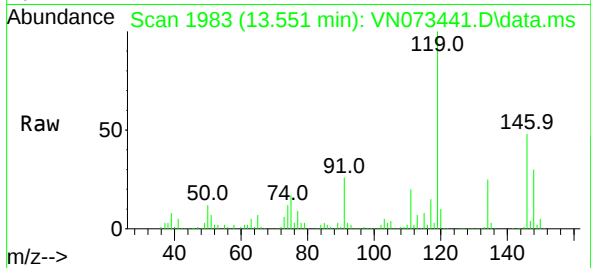
Tgt Ion:119 Resp: 589692
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.3 39.8
 91 24.7 11.3 33.9





#87
 1,3-Dichlorobenzene
 Concen: 48.674 ug/l
 RT: 13.551 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN073441.D
 Acq: 12 Jul 2022 17:15

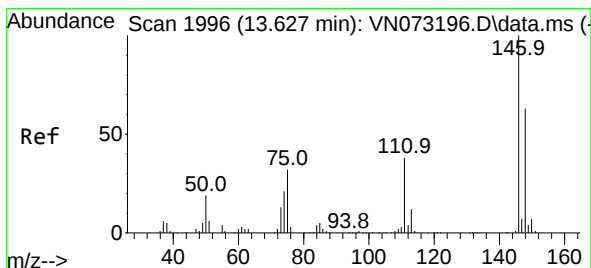
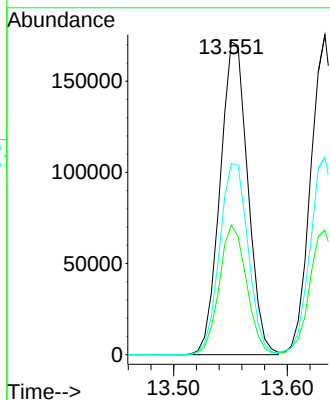
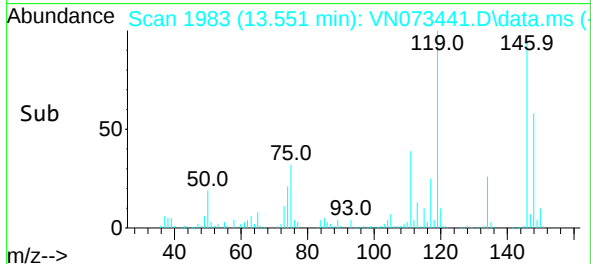
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



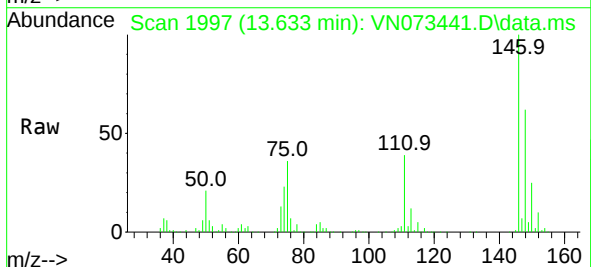
Tgt Ion:146 Resp: 291118
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.0 60.0
 148 63.0 32.0 96.0

Manual Integrations
 APPROVED

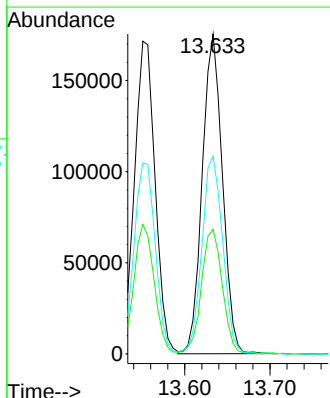
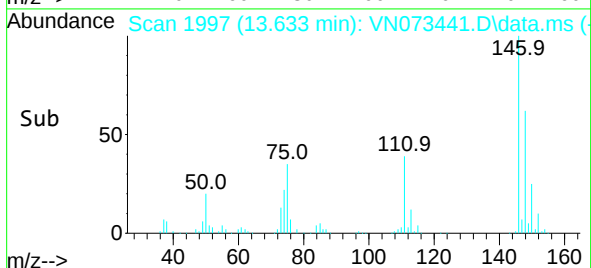
Reviewed By :John Carlone 07/13/2022
 Supervised By :Mahesh Dadoda 07/13/2022

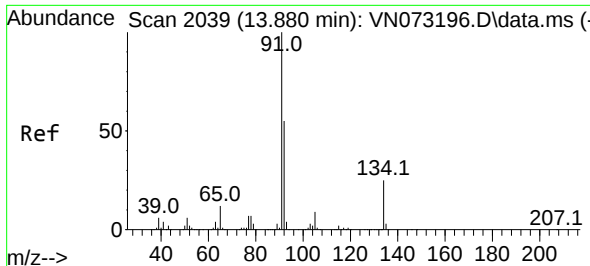


#88
 1,4-Dichlorobenzene
 Concen: 48.140 ug/l
 RT: 13.633 min Scan# 1997
 Delta R.T. 0.006 min
 Lab File: VN073441.D
 Acq: 12 Jul 2022 17:15



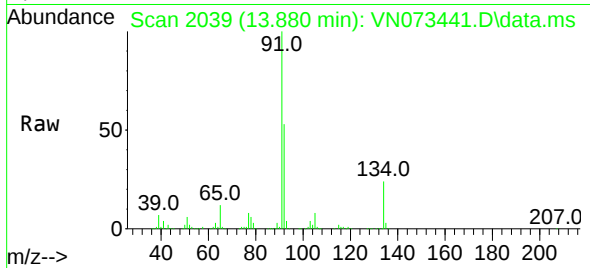
Tgt Ion:146 Resp: 288483
 Ion Ratio Lower Upper
 146 100
 111 40.8 19.1 57.1
 148 63.7 31.4 94.3





#89
n-Butylbenzene
Concen: 53.411 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN073441.D
Acq: 12 Jul 2022 17:15

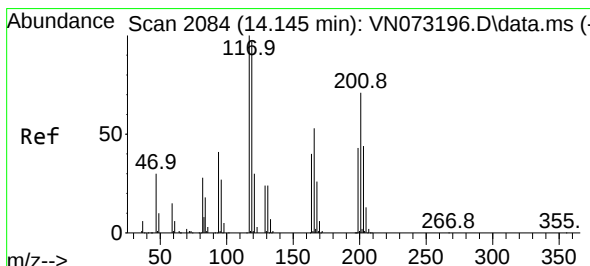
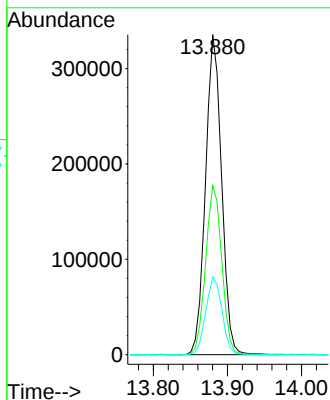
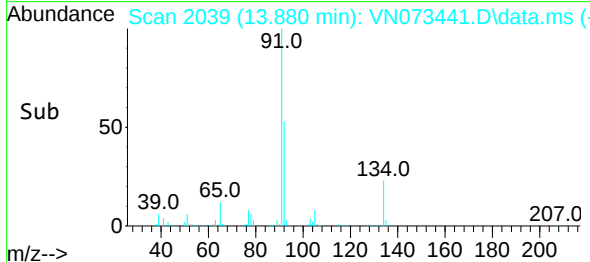
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 50586
Ion Ratio Lower Upper
91 100
92 53.2 26.9 80.7
134 24.6 13.6 40.8

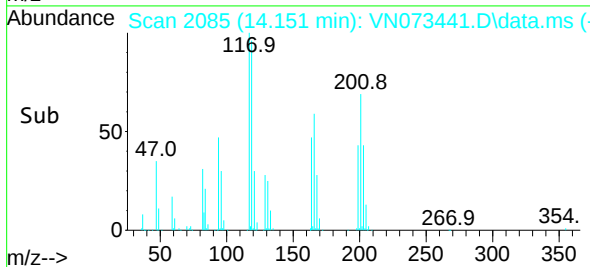
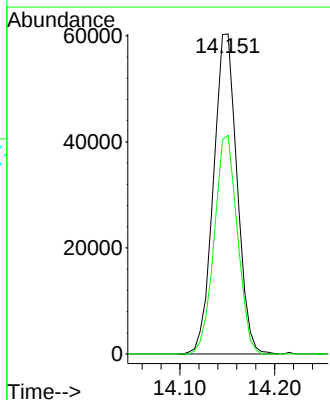
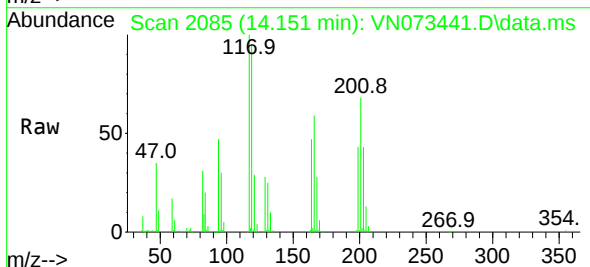
Manual Integrations
APPROVED

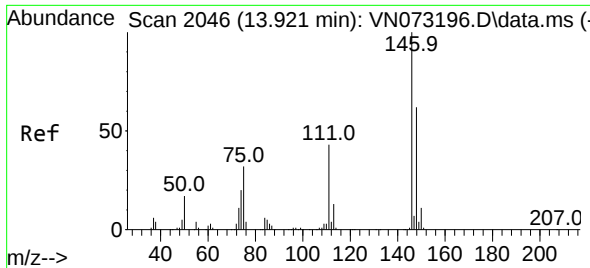
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#90
Hexachloroethane
Concen: 49.317 ug/l
RT: 14.151 min Scan# 2085
Delta R.T. 0.006 min
Lab File: VN073441.D
Acq: 12 Jul 2022 17:15

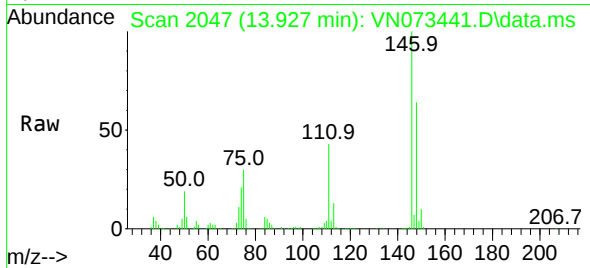
Tgt Ion:117 Resp: 104462
Ion Ratio Lower Upper
117 100
201 67.1 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 49.366 ug/l
RT: 13.927 min Scan# 2046
Delta R.T. 0.006 min
Lab File: VN073441.D
Acq: 12 Jul 2022 17:15

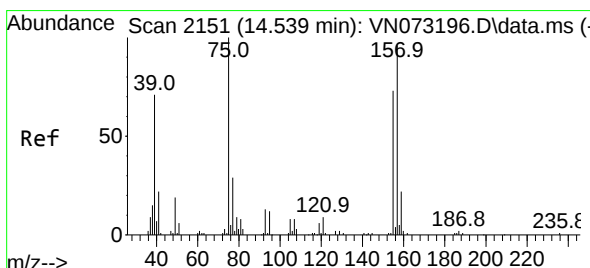
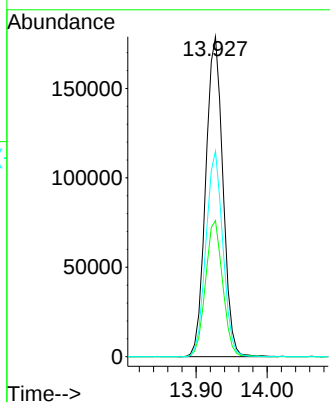
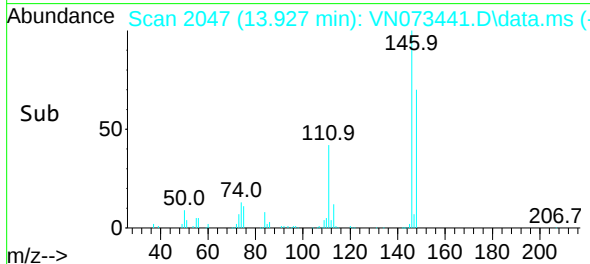
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



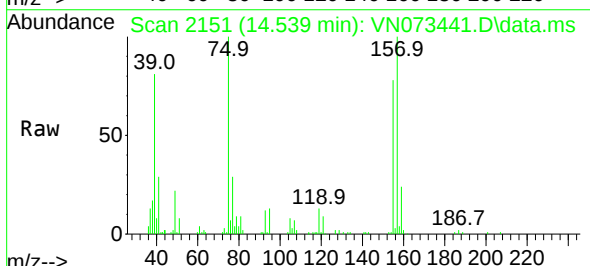
Tgt Ion:146 Resp: 300770
Ion Ratio Lower Upper
146 100
111 42.5 20.9 62.8
148 63.2 32.1 96.3

Manual Integrations
APPROVED

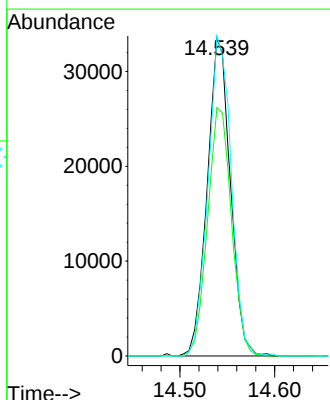
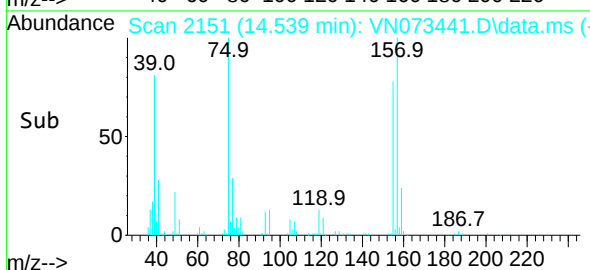
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

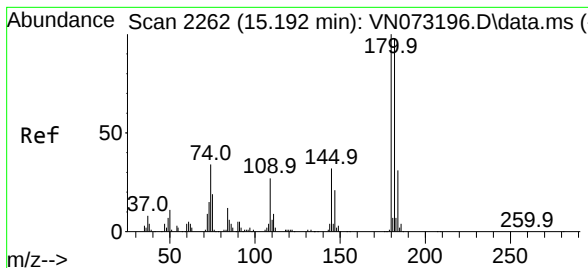


#92
1,2-Dibromo-3-Chloropropane
Concen: 49.326 ug/l
RT: 14.539 min Scan# 2151
Delta R.T. -0.000 min
Lab File: VN073441.D
Acq: 12 Jul 2022 17:15



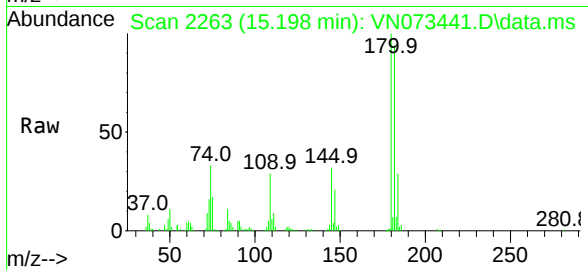
Tgt Ion: 75 Resp: 57047
Ion Ratio Lower Upper
75 100
155 80.6 44.9 134.5
157 101.1 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 50.464 ug/l
RT: 15.198 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN073441.D
Acq: 12 Jul 2022 17:15

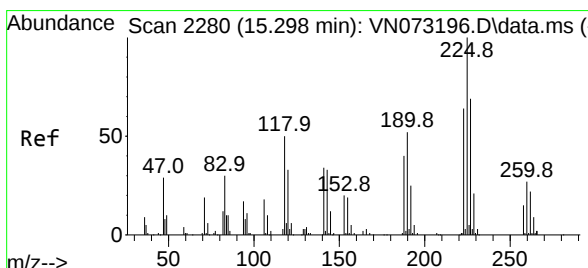
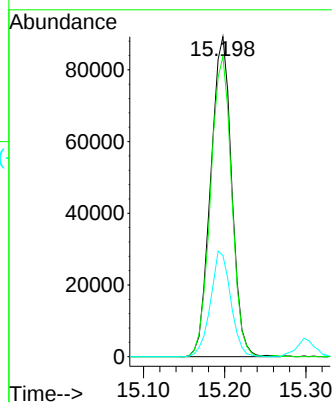
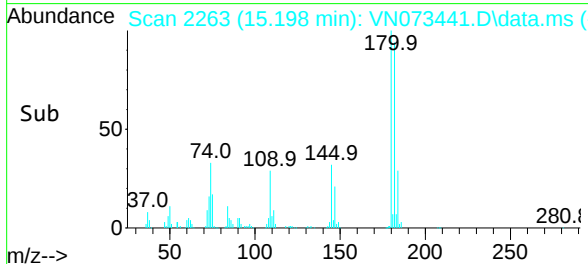
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



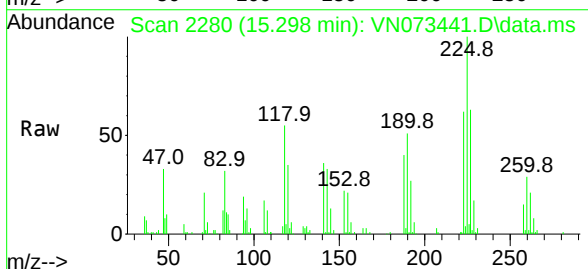
Tgt Ion:180 Resp: 160089
Ion Ratio Lower Upper
180 100
182 94.0 47.5 142.5
145 31.8 14.5 43.5

Manual Integrations
APPROVED

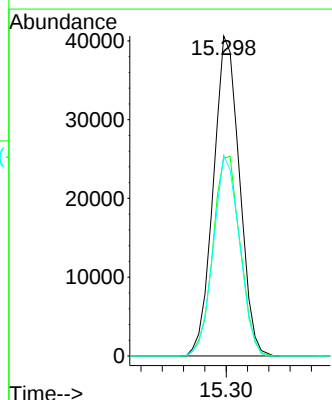
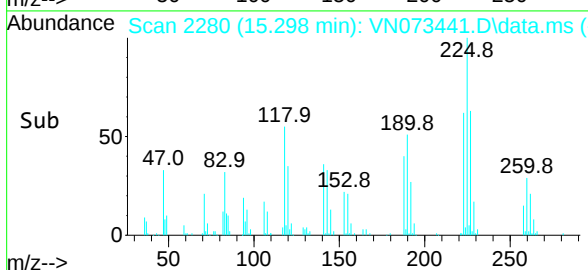
Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022

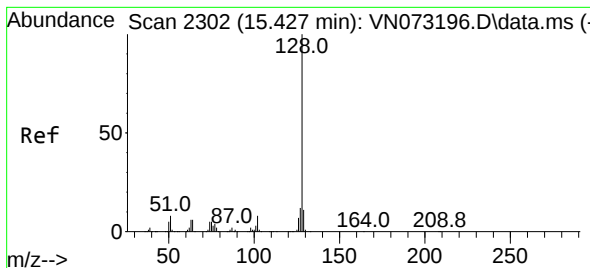


#94
Hexachlorobutadiene
Concen: 48.841 ug/l
RT: 15.298 min Scan# 2280
Delta R.T. -0.000 min
Lab File: VN073441.D
Acq: 12 Jul 2022 17:15



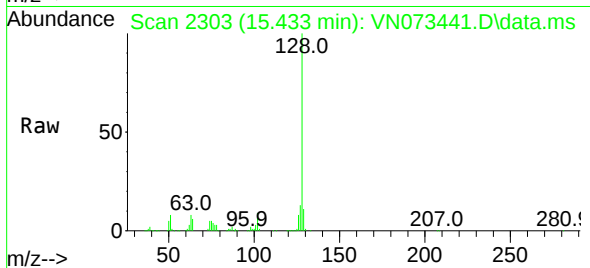
Tgt Ion:225 Resp: 68877
Ion Ratio Lower Upper
225 100
223 65.1 32.4 97.2
227 63.2 31.8 95.4





#95
Naphthalene
Concen: 46.966 ug/l
RT: 15.433 min Scan# 2105
Delta R.T. 0.006 min
Lab File: VN073441.D
Acq: 12 Jul 2022 17:15

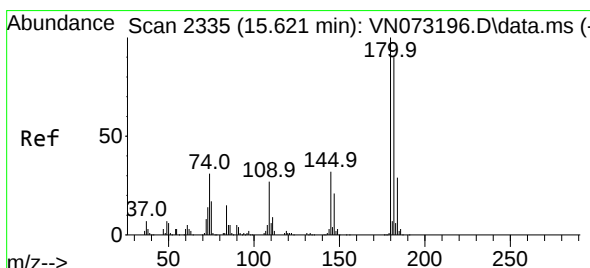
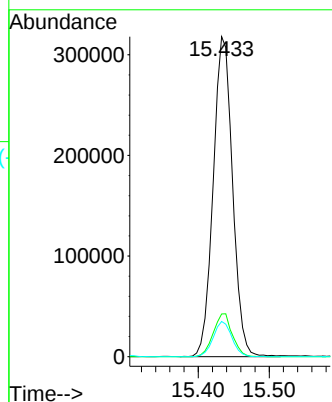
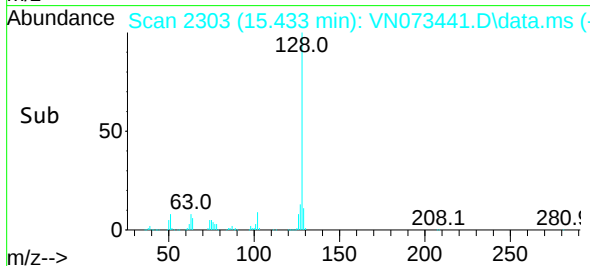
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



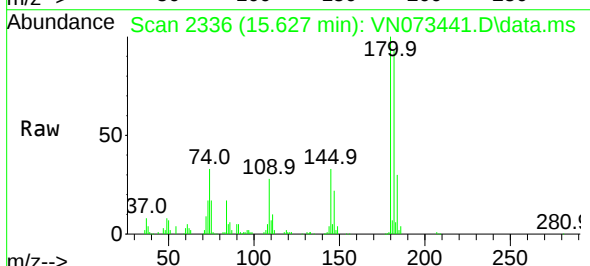
Tgt Ion:128 Resp: 60105
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 10.6 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/13/2022
Supervised By :Mahesh Dadoda 07/13/2022



#96
1,2,3-Trichlorobenzene
Concen: 49.327 ug/l
RT: 15.627 min Scan# 2336
Delta R.T. 0.006 min
Lab File: VN073441.D
Acq: 12 Jul 2022 17:15



Tgt Ion:180 Resp: 161422
Ion Ratio Lower Upper
180 100
182 94.1 47.8 143.3
145 33.7 15.5 46.5

