

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080422\
 Data File : VN073750.D
 Acq On : 04 Aug 2022 20:51
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/05/2022
 Supervised By : Mahesh Dadoda 08/05/2022

Quant Time: Aug 05 00:35:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 29 02:20:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	396431	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	644521	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	588879	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	291308	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	225958	46.771	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.540%		
35) Dibromofluoromethane	7.951	113	199298	49.244	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.480%		
50) Toluene-d8	10.380	98	742014	46.591	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.180%		
62) 4-Bromofluorobenzene	12.674	95	251342	47.668	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	95.340%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	164562	42.798	ug/l	98
3) Chloromethane	2.269	50	205643	44.208	ug/l	98
4) Vinyl Chloride	2.404	62	267451	39.770	ug/l	99
5) Bromomethane	2.781	94	185752	47.627	ug/l	98
6) Chloroethane	2.951	64	185944	47.291	ug/l	100
7) Trichlorofluoromethane	3.304	101	396555	57.218	ug/l	99
8) Diethyl Ether	3.763	74	127134	48.853	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.134	101	177893	46.393	ug/l	98
10) Methyl Iodide	4.345	142	132318	33.943	ug/l	98
11) Tert butyl alcohol	5.298	59	271986	261.046	ug/l	99
12) 1,1-Dichloroethene	4.110	96	173602	46.156	ug/l	95
13) Acrolein	3.975	56	287685	278.511	ug/l	98
14) Allyl chloride	4.757	41	270980	45.063	ug/l	98
15) Acrylonitrile	5.475	53	715787	248.355	ug/l	100
16) Acetone	4.222	43	607683	234.188	ug/l	99
17) Carbon Disulfide	4.451	76	411018	41.213	ug/l	100
18) Methyl Acetate	4.775	43	335861	52.026	ug/l	100
19) Methyl tert-butyl Ether	5.528	73	670415	52.175	ug/l	97
20) Methylene Chloride	5.010	84	216465	51.639	ug/l	98
21) trans-1,2-Dichloroethene	5.504	96	187784	46.121	ug/l	92
22) Diisopropyl ether	6.416	45	637213	49.116	ug/l	98
23) Vinyl Acetate	6.351	43	2795829	257.038	ug/l	100
24) 1,1-Dichloroethane	6.304	63	367883	46.093	ug/l	98
25) 2-Butanone	7.257	43	989740	245.608	ug/l	100
26) 2,2-Dichloropropane	7.245	77	220817	35.960	ug/l	96
27) cis-1,2-Dichloroethene	7.245	96	239373	47.718	ug/l	92
28) Bromochloromethane	7.586	49	154932	46.232	ug/l	98
29) Tetrahydrofuran	7.610	42	642322	252.108	ug/l	99
30) Chloroform	7.745	83	390411	46.949	ug/l	100
31) Cyclohexane	8.022	56	306838	42.661	ug/l	99
32) 1,1,1-Trichloroethane	7.939	97	336203	48.692	ug/l	99
36) 1,1-Dichloropropene	8.151	75	270735	46.936	ug/l	100
37) Ethyl Acetate	7.339	43	384332	50.593	ug/l	98
38) Carbon Tetrachloride	8.133	117	278432	47.526	ug/l	99
39) Methylcyclohexane	9.392	83	330994	48.019	ug/l	99
40) Benzene	8.392	78	873756	46.648	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	156051	45.397	ug/l	95
42) 1,2-Dichloroethane	8.463	62	298481	47.282	ug/l	99
43) Isopropyl Acetate	8.492	43	527670	51.427	ug/l	100
44) Trichloroethene	9.151	130	224789	47.324	ug/l	99
45) 1,2-Dichloropropane	9.428	63	220212	47.035	ug/l	99
46) Dibromomethane	9.516	93	157902	48.594	ug/l	99
47) Bromodichloromethane	9.698	83	308074	49.398	ug/l	98
48) Methyl methacrylate	9.498	41	236452	52.647	ug/l	91
49) 1,4-Dioxane	9.504	88	133233	1052.356	ug/l	96
51) 4-Methyl-2-Pentanone	10.269	43	1908166	259.288	ug/l	99
52) Toluene	10.445	92	564630	49.351	ug/l	100
53) t-1,3-Dichloropropene	10.657	75	310084	50.329	ug/l	99
54) cis-1,3-Dichloropropene	10.127	75	339075	48.838	ug/l	100
55) 1,1,2-Trichloroethane	10.839	97	235362	49.332	ug/l	98
56) Ethyl methacrylate	10.704	69	374789	56.996	ug/l	98
57) 1,3-Dichloropropane	10.986	76	392608	48.502	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	815055	234.858	ug/l	100
59) 2-Hexanone	11.027	43	1497547	268.586	ug/l	99
60) Dibromochloromethane	11.180	129	251740	53.038	ug/l	100
61) 1,2-Dibromoethane	11.286	107	247044	50.276	ug/l	99
64) Tetrachloroethene	10.916	164	207235	44.281	ug/l	96
65) Chlorobenzene	11.710	112	607814	48.593	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	232462	51.814	ug/l	99
67) Ethyl Benzene	11.786	91	1078394	51.104	ug/l	99
68) m/p-Xylenes	11.892	106	835588	103.821	ug/l	99
69) o-Xylene	12.221	106	420566	53.599	ug/l	99
70) Styrene	12.233	104	690618	54.983	ug/l	98
71) Bromoform	12.398	173	204544	55.235	ug/l #	98
73) Isopropylbenzene	12.521	105	1088245	51.033	ug/l	100
74) N-amyl acetate	12.327	43	434447	53.922	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.768	83	386062	46.916	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	280654m	52.770	ug/l	
77) Bromobenzene	12.798	156	271353	48.864	ug/l	98
78) n-propylbenzene	12.863	91	1217729	50.751	ug/l	99
79) 2-Chlorotoluene	12.945	91	734218	49.028	ug/l	99
80) 1,3,5-Trimethylbenzene	12.998	105	903669	51.495	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.568	75	106863	47.540	ug/l	99
82) 4-Chlorotoluene	13.045	91	699641	49.294	ug/l	97
83) tert-Butylbenzene	13.263	119	812373	52.263	ug/l	99
84) 1,2,4-Trimethylbenzene	13.310	105	905833	52.495	ug/l	99
85) sec-Butylbenzene	13.439	105	1124964	52.364	ug/l	100
86) p-Isopropyltoluene	13.557	119	941412	55.587	ug/l	99
87) 1,3-Dichlorobenzene	13.557	146	480489	47.402	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	476413	46.974	ug/l	98
89) n-Butylbenzene	13.880	91	730803	53.034	ug/l	99
90) Hexachloroethane	14.151	117	167126	49.737	ug/l	98
91) 1,2-Dichlorobenzene	13.927	146	496726	48.359	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.539	75	85285	51.584	ug/l	90
93) 1,2,4-Trichlorobenzene	15.198	180	278661	54.630	ug/l	99
94) Hexachlorobutadiene	15.304	225	139918	50.456	ug/l	98
95) Naphthalene	15.433	128	998879	60.346	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	295605	55.062	ug/l	99

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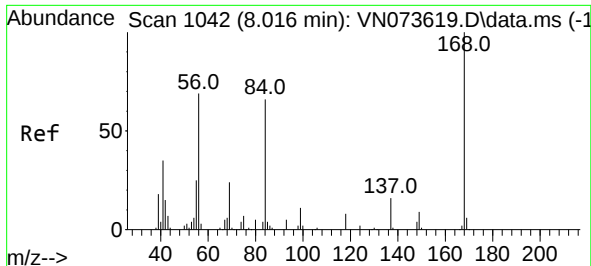
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Response via : Initial Calibration

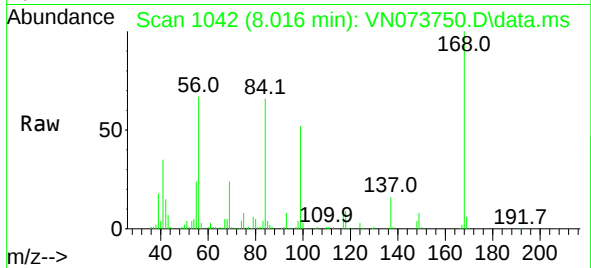
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073750.D
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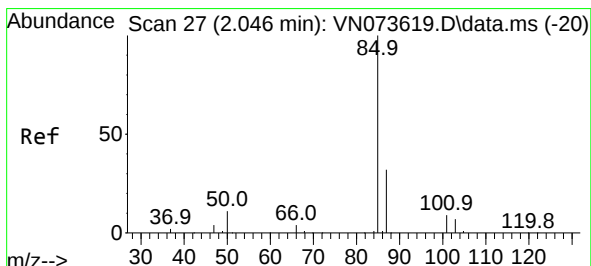
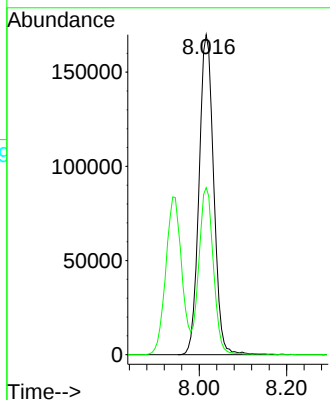
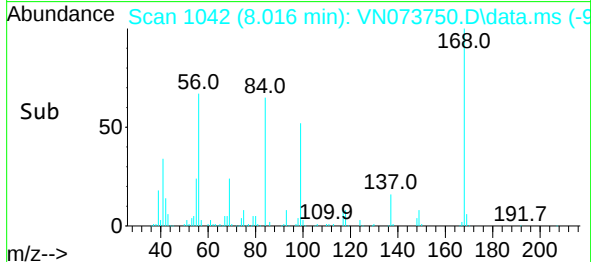
Instrument :
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VSTDCCC050EC



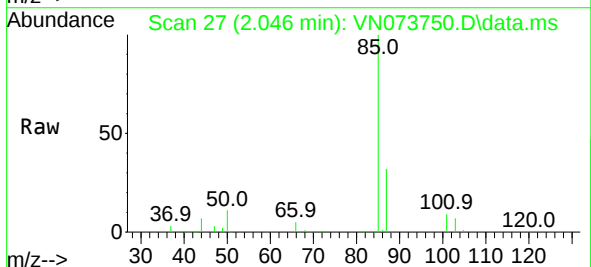
Tgt Ion:168 Resp: 39643
Ion Ratio Lower Upper
168 100
99 52.2 42.3 63.5

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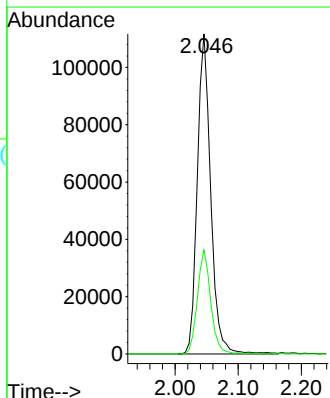
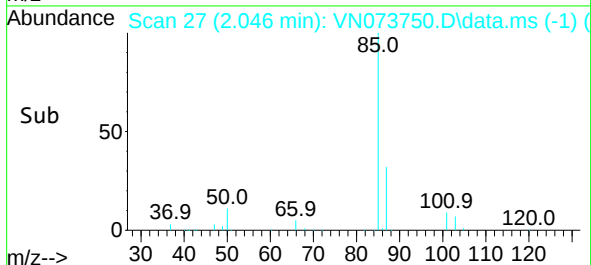
Reviewed By :John Carlone 08/05/2022
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#2
Dichlorodifluoromethane
Concen: 42.798 ug/l
RT: 2.046 min Scan# 27
Delta R.T. 0.000 min
Lab File: VN073750.D
Acq: 04 Aug 2022 20:51



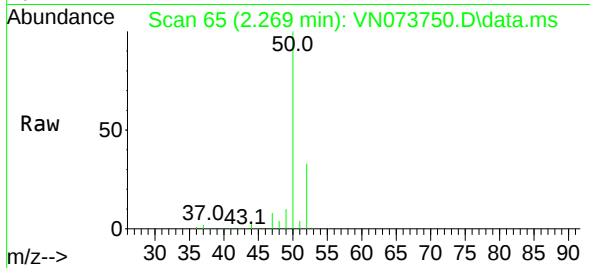
Tgt Ion: 85 Resp: 164562
Ion Ratio Lower Upper
85 100
87 32.5 15.7 47.1





#3
Chloromethane
Concen: 44.208 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN073750.D
Acq: 04 Aug 2022 20:51

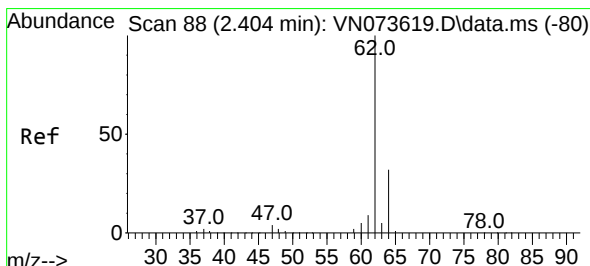
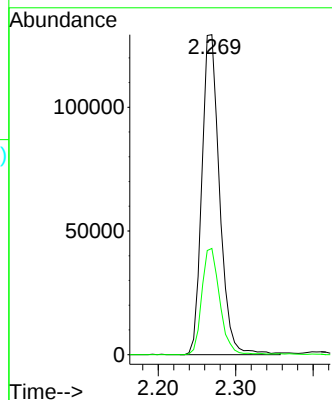
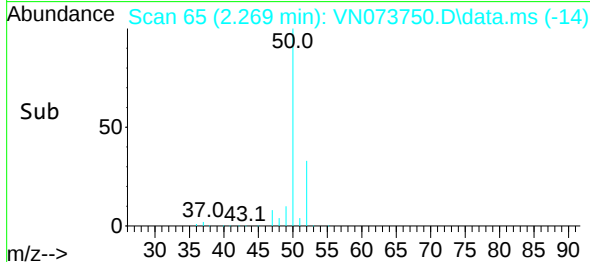
Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 20564
Ion Ratio Lower Upper
50 100
52 33.2 25.7 38.5

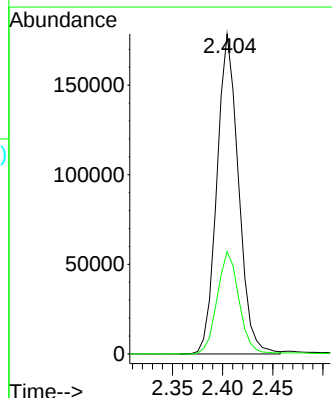
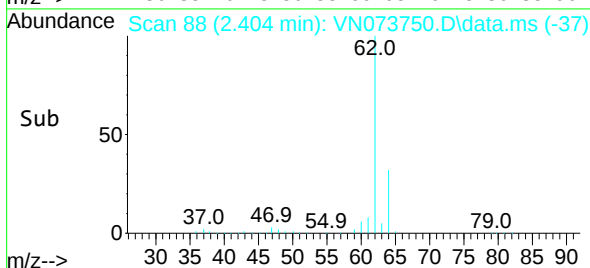
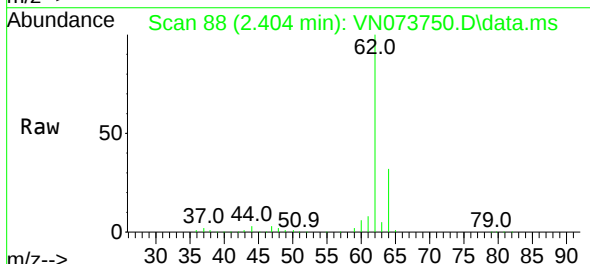
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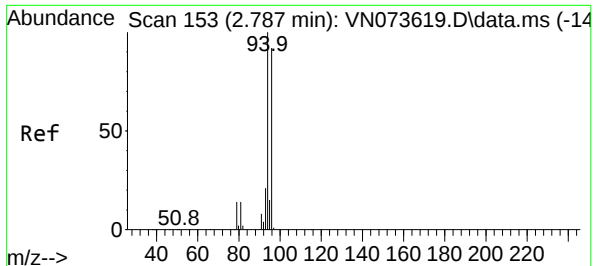
Reviewed By :John Carlone 08/05/2022
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#4
Vinyl Chloride
Concen: 39.770 ug/l
RT: 2.404 min Scan# 88
Delta R.T. 0.000 min
Lab File: VN073750.D
Acq: 04 Aug 2022 20:51

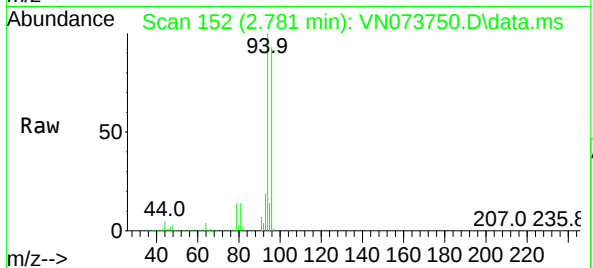
Tgt Ion: 62 Resp: 267451
Ion Ratio Lower Upper
62 100
64 32.0 25.0 37.4





#5
Bromomethane
Concen: 47.627 ug/l
RT: 2.781 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN073750.D
Acq: 04 Aug 2022 20:51

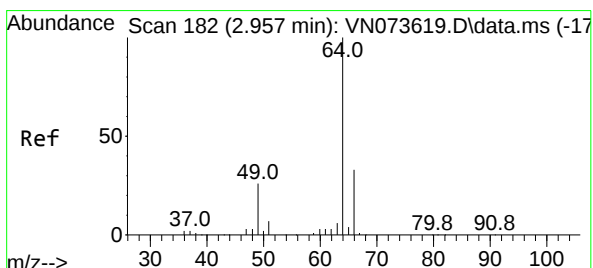
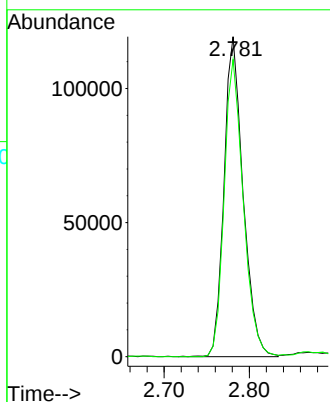
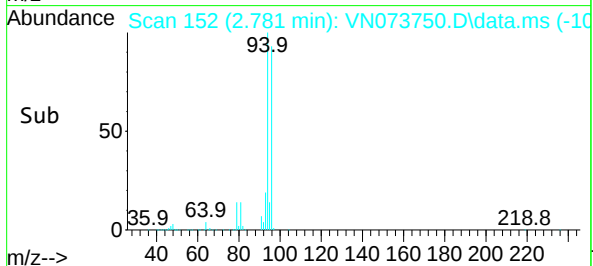
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Tgt Ion: 94 Resp: 185752
Ion Ratio Lower Upper
94 100
96 92.9 76.0 114.0

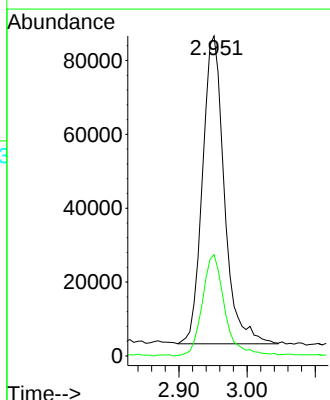
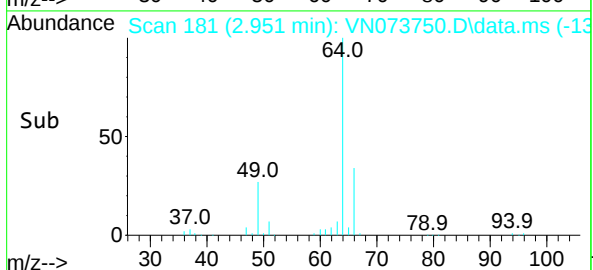
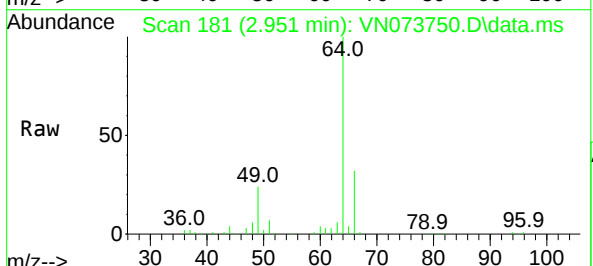
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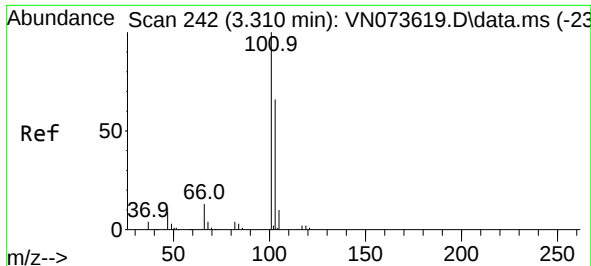
Reviewed By :John Carlone 08/05/2022
Supervised By :Mahesh Dadoda 08/05/2022



#6
Chloroethane
Concen: 47.291 ug/l
RT: 2.951 min Scan# 181
Delta R.T. -0.006 min
Lab File: VN073750.D
Acq: 04 Aug 2022 20:51

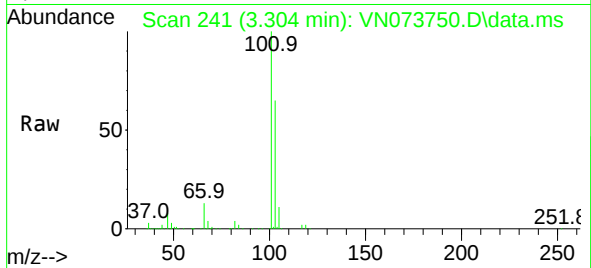
Tgt Ion: 64 Resp: 185944
Ion Ratio Lower Upper
64 100
66 32.7 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 57.218 ug/l
 RT: 3.304 min Scan# 242
 Delta R.T. -0.006 min
 Lab File: VN073750.D
 Acq: 04 Aug 2022 20:51

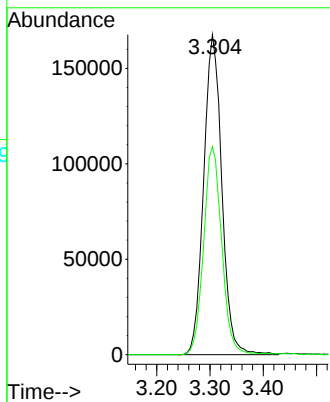
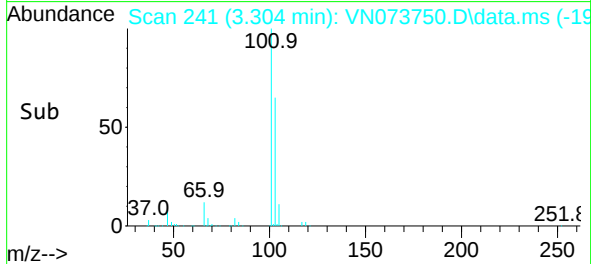
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion:101 Resp: 39655
 Ion Ratio Lower Upper
 101 100
 103 65.0 51.5 77.3

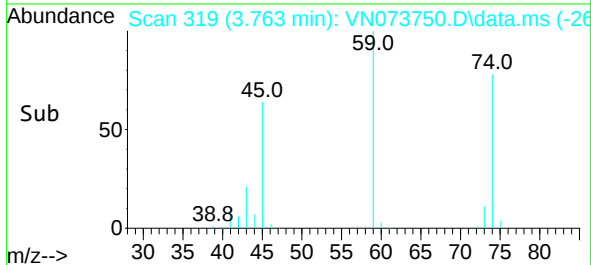
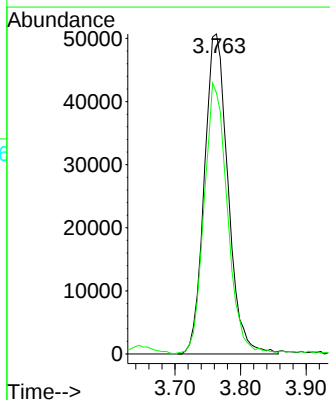
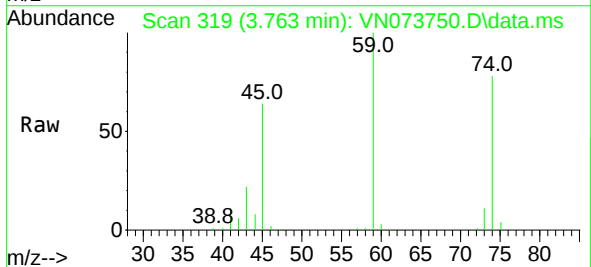
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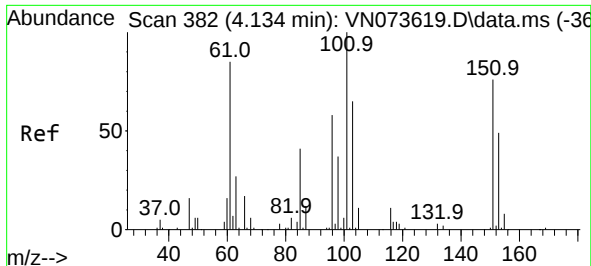
Reviewed By :John Carlone 08/05/2022
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#8
 Diethyl Ether
 Concen: 48.853 ug/l
 RT: 3.763 min Scan# 319
 Delta R.T. 0.000 min
 Lab File: VN073750.D
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Tgt Ion: 74 Resp: 127134
 Ion Ratio Lower Upper
 74 100
 45 83.6 42.9 128.5





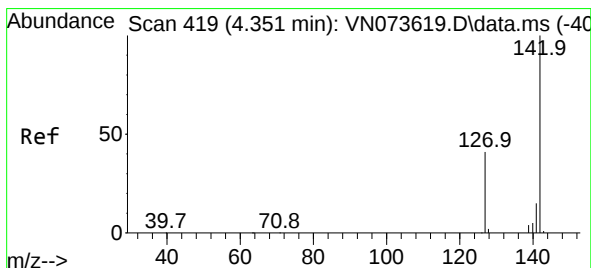
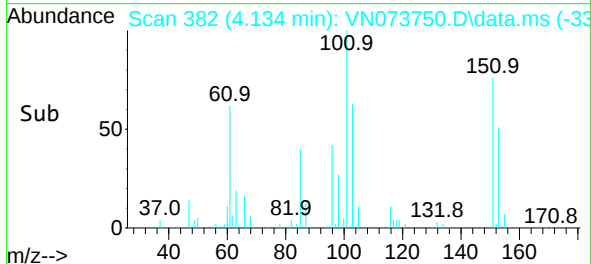
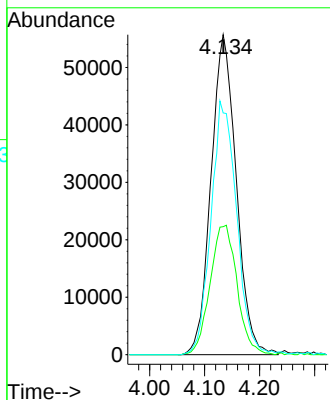
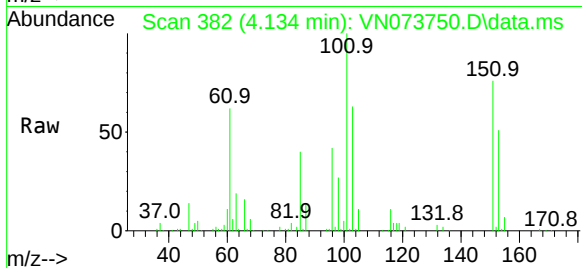
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.393 ug/l
RT: 4.134 min Scan# 382
Delta R.T. 0.000 min
Lab File: VN073750.D
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Instrument :
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Tgt Ion:101 Resp: 17789
Ion Ratio Lower Upper
101 100
85 43.2 34.7 52.1
151 80.6 63.0 94.4

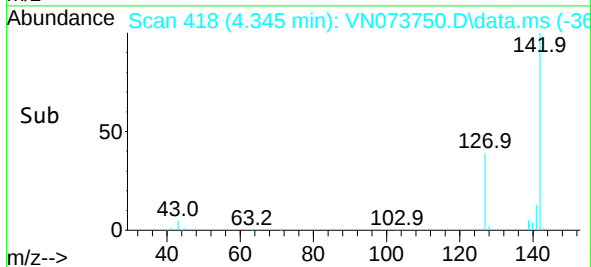
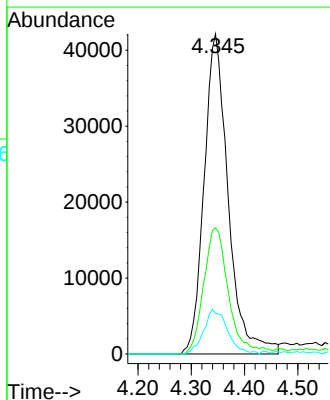
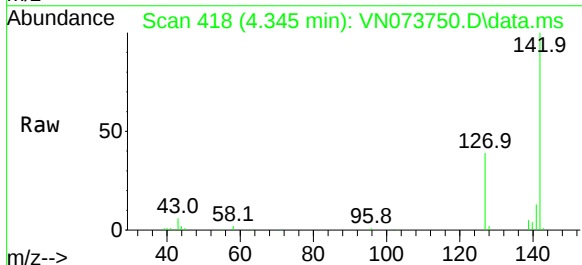
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/05/2022
Supervised By :Mahesh Dadoda 08/05/2022



#10
Methyl Iodide
Concen: 33.943 ug/l
RT: 4.345 min Scan# 418
Delta R.T. -0.006 min
Lab File: VN073750.D
Acq: 04 Aug 2022 20:51

Tgt Ion:142 Resp: 132318
Ion Ratio Lower Upper
142 100
127 40.6 31.3 46.9
141 13.8 11.2 16.8





#11

Tert butyl alcohol

Concen: 261.046 ug/l

RT: 5.298 min Scan# 51

Delta R.T. 0.006 min

Lab File: VN073750.D

Acq: 04 Aug 2022 20:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 27198

Ion Ratio Lower Upper

59 100

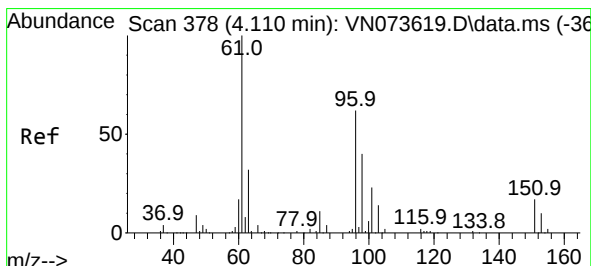
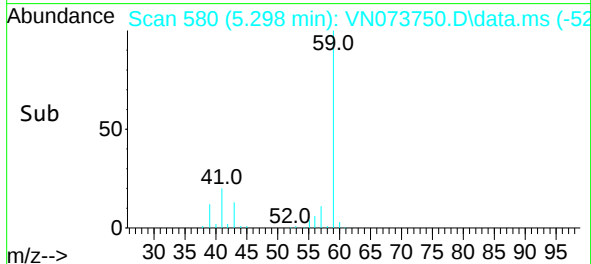
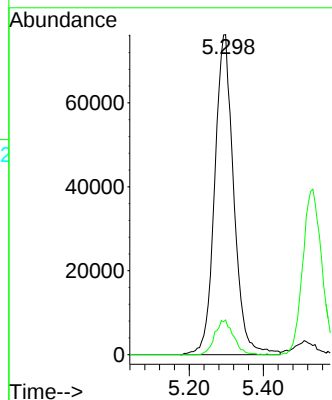
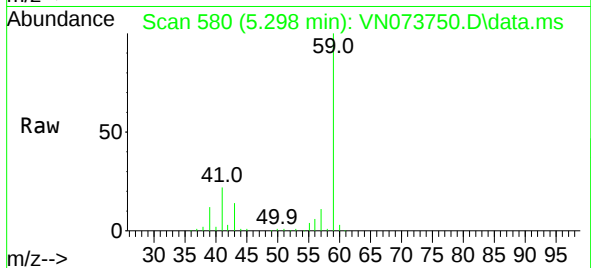
57 10.6 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/05/2022

Supervised By :Mahesh Dadoda 08/05/2022



#12

1,1-Dichloroethene

Concen: 46.156 ug/l

RT: 4.110 min Scan# 378

Delta R.T. 0.000 min

Lab File: VN073750.D

Acq: 04 Aug 2022 20:51

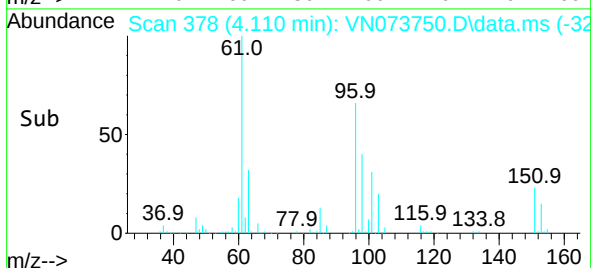
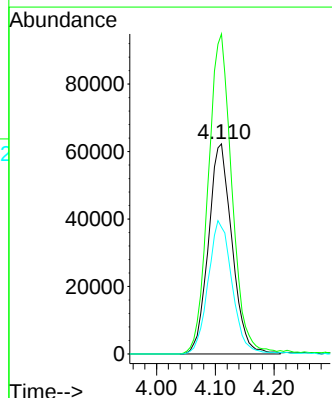
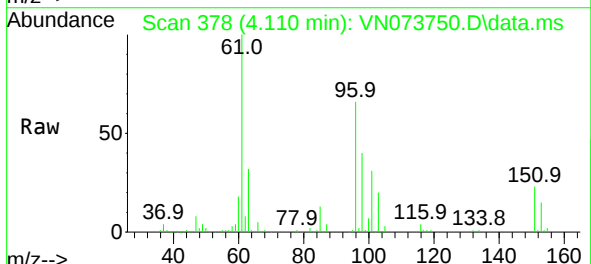
Tgt Ion: 96 Resp: 173602

Ion Ratio Lower Upper

96 100

61 152.4 127.6 191.4

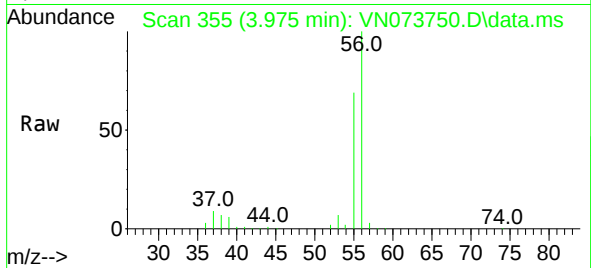
98 60.4 51.2 76.8





#13
Acrolein
Concen: 278.511 ug/l
RT: 3.975 min Scan# 356
Delta R.T. -0.006 min
Lab File: VN073750.D
Acq: 04 Aug 2022 20:51

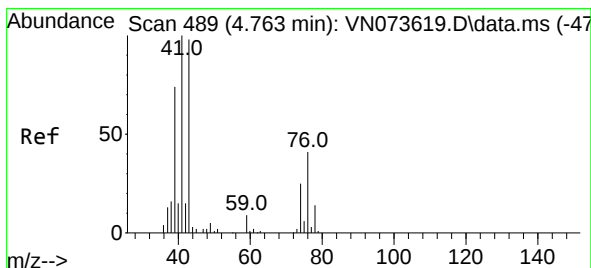
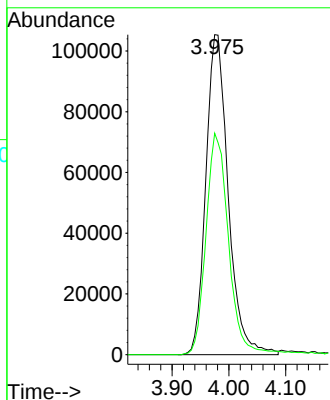
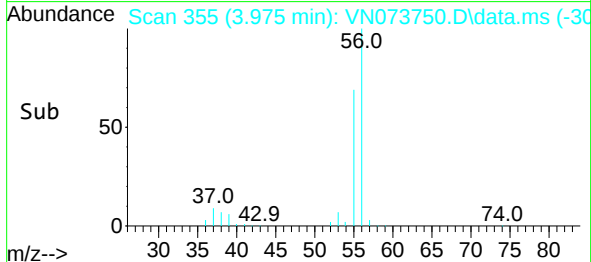
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 287689
Ion Ratio Lower Upper
56 100
55 70.4 54.8 82.2

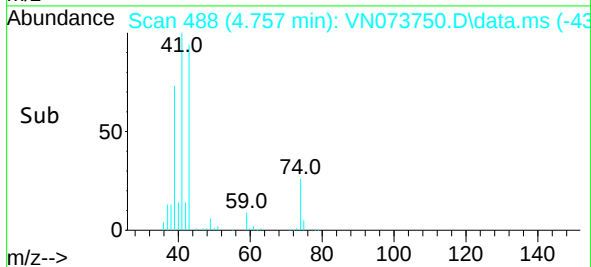
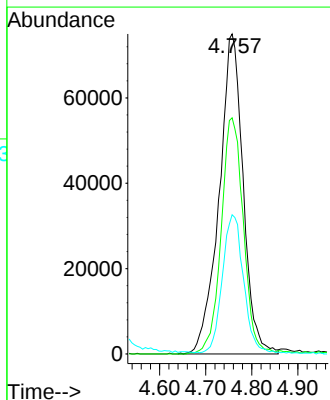
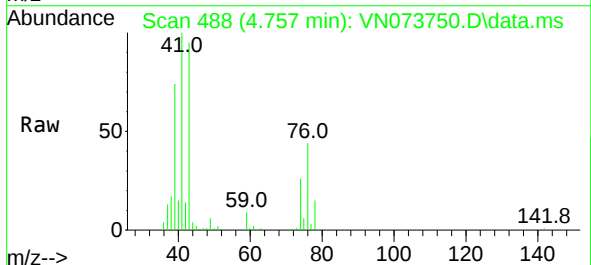
Manual Integrations
APPROVED

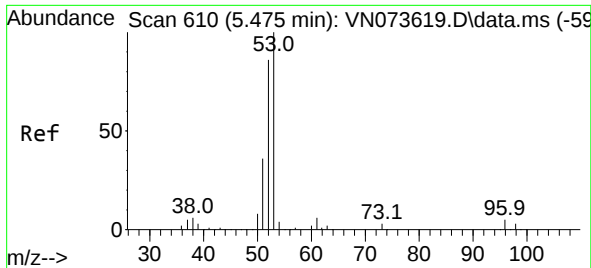
Reviewed By :John Carlone 08/05/2022
Supervised By :Mahesh Dadoda 08/05/2022



#14
Allyl chloride
Concen: 45.063 ug/l
RT: 4.757 min Scan# 488
Delta R.T. -0.006 min
Lab File: VN073750.D
Acq: 04 Aug 2022 20:51

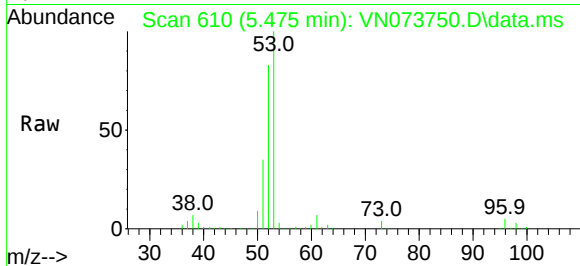
Tgt Ion: 41 Resp: 270980
Ion Ratio Lower Upper
41 100
39 68.1 53.2 79.8
76 38.2 29.9 44.9





#15
Acrylonitrile
Concen: 248.355 ug/l
RT: 5.475 min Scan# 610
Delta R.T. -0.000 min
Lab File: VN073750.D
Acq: 04 Aug 2022 20:51

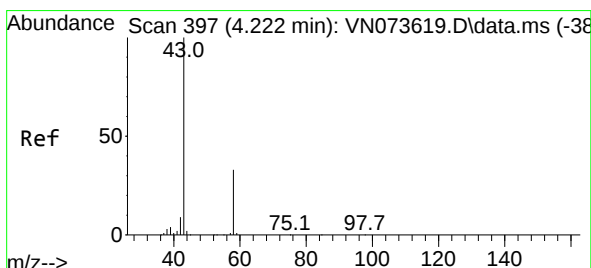
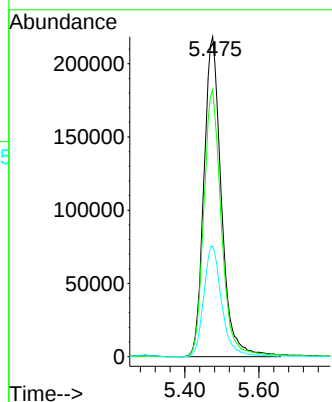
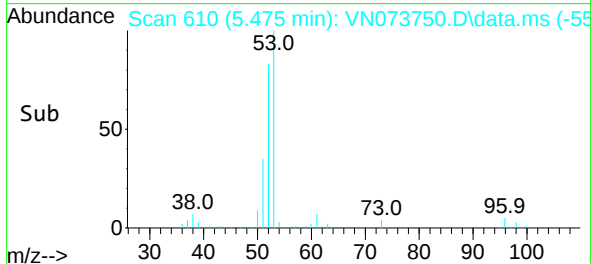
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 71578
Ion Ratio Lower Upper
53 100
52 83.4 66.4 99.6
51 35.6 28.5 42.7

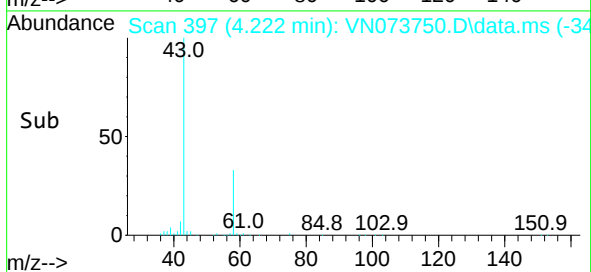
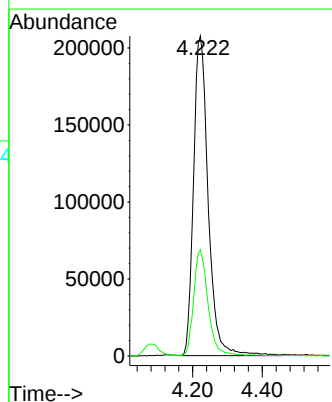
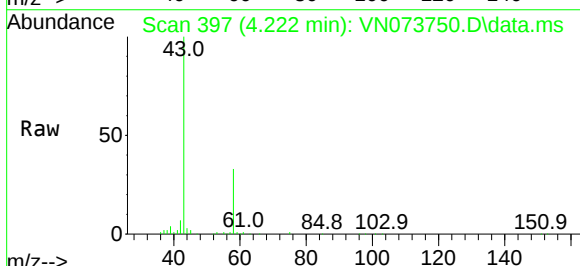
Manual Integrations
APPROVED

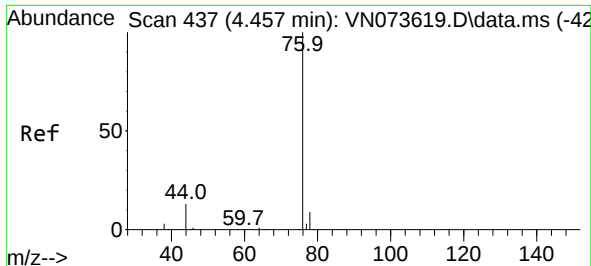
Reviewed By :John Carlone 08/05/2022
Supervised By :Mahesh Dadoda 08/05/2022



#16
Acetone
Concen: 234.188 ug/l
RT: 4.222 min Scan# 397
Delta R.T. -0.000 min
Lab File: VN073750.D
Acq: 04 Aug 2022 20:51

Tgt Ion: 43 Resp: 607683
Ion Ratio Lower Upper
43 100
58 33.2 26.0 39.0





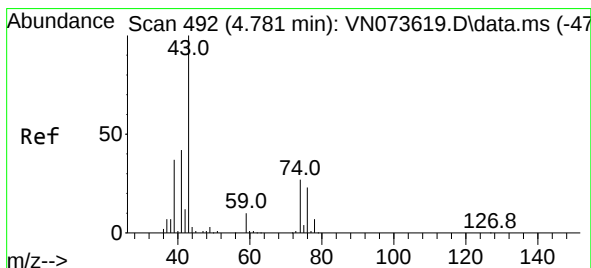
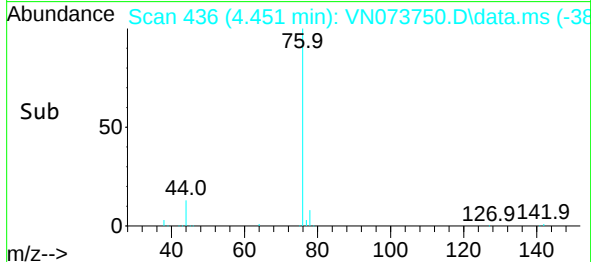
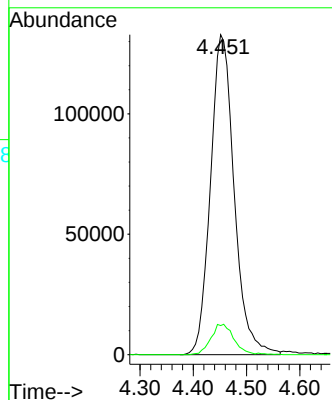
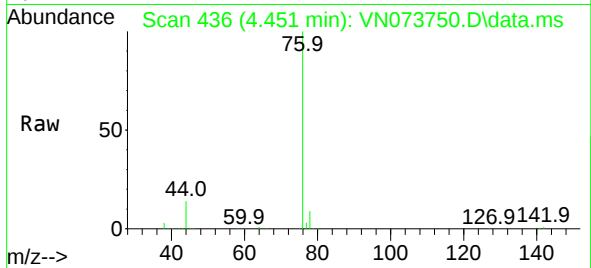
#17
Carbon Disulfide
Concen: 41.213 ug/l
RT: 4.451 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN073750.D
Acq: 04 Aug 2022 20:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 411018
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

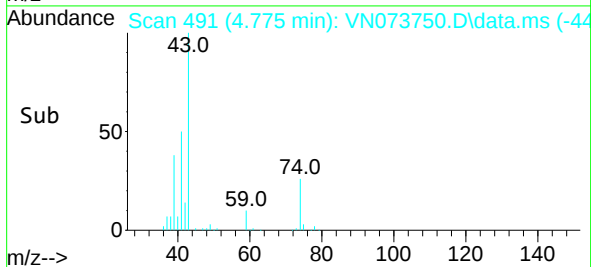
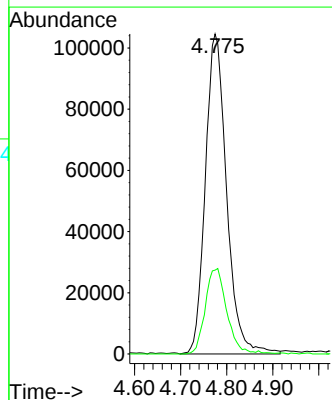
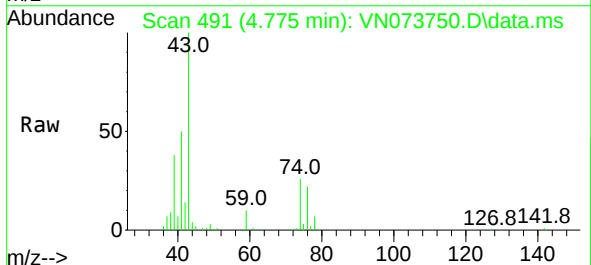
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/05/2022
Supervised By :Mahesh Dadoda 08/05/2022



#18
Methyl Acetate
Concen: 52.026 ug/l
RT: 4.775 min Scan# 491
Delta R.T. -0.006 min
Lab File: VN073750.D
Acq: 04 Aug 2022 20:51

Tgt Ion: 43 Resp: 335861
Ion Ratio Lower Upper
43 100
74 26.8 21.6 32.4





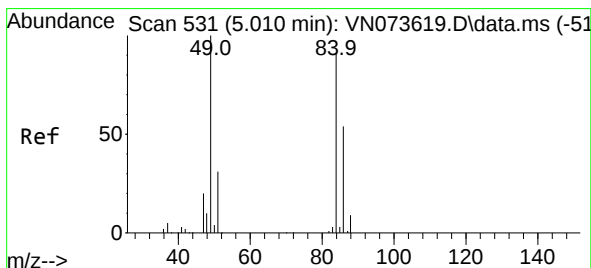
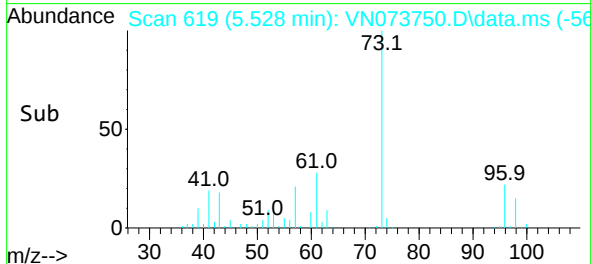
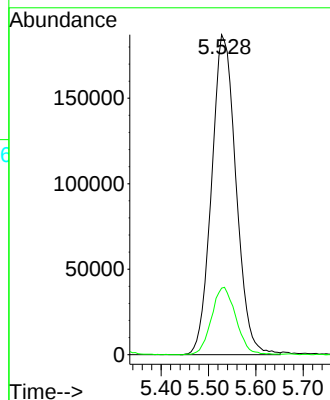
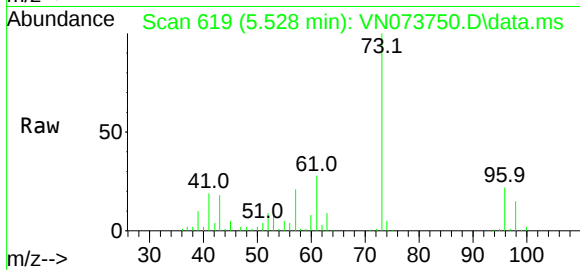
#19
Methyl tert-butyl Ether
Concen: 52.175 ug/l
RT: 5.528 min Scan# 619
Delta R.T. -0.006 min
Lab File: VN073750.D
Acq: 04 Aug 2022 20:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 670415
Ion Ratio Lower Upper
73 100
57 20.8 17.6 26.4

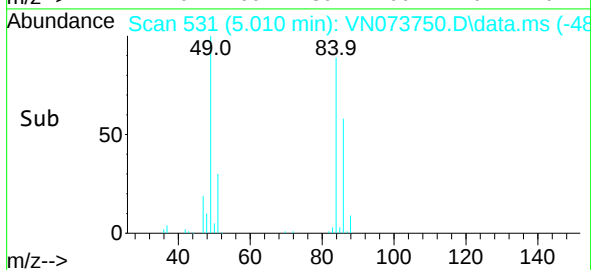
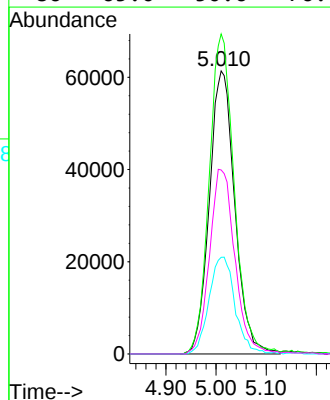
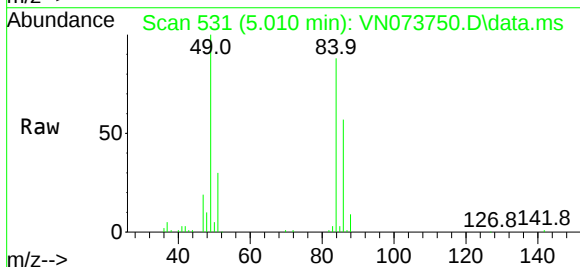
Manual Integrations
APPROVED

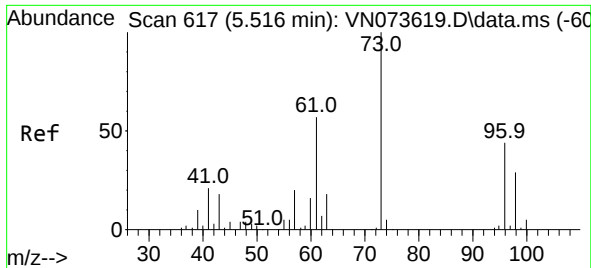
Reviewed By :John Carlone 08/05/2022
Supervised By :Mahesh Dadoda 08/05/2022



#20
Methylene Chloride
Concen: 51.639 ug/l
RT: 5.010 min Scan# 531
Delta R.T. 0.000 min
Lab File: VN073750.D
Acq: 04 Aug 2022 20:51

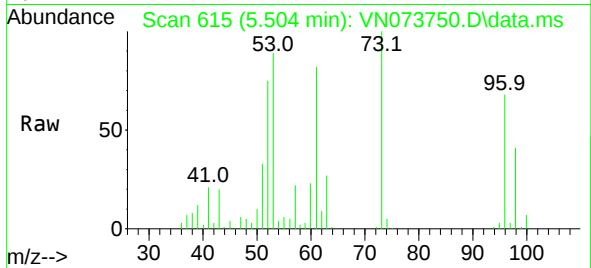
Tgt Ion: 84 Resp: 216465
Ion Ratio Lower Upper
84 100
49 113.1 88.3 132.5
51 34.1 28.2 42.2
86 65.0 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 46.121 ug/l
RT: 5.504 min Scan# 617
Delta R.T. -0.012 min
Lab File: VN073750.D
Acq: 04 Aug 2022 20:51

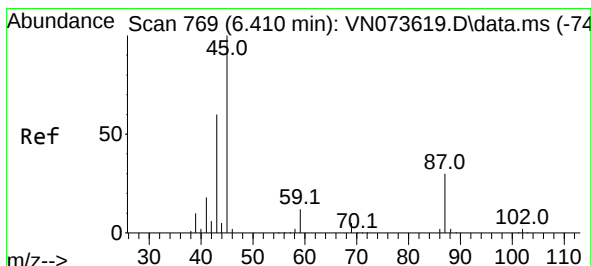
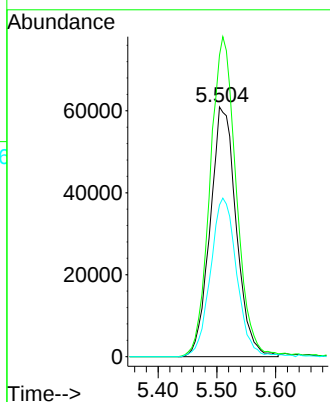
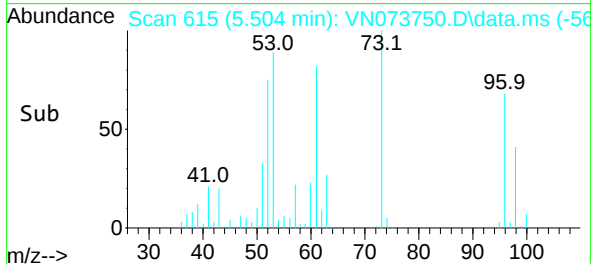
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



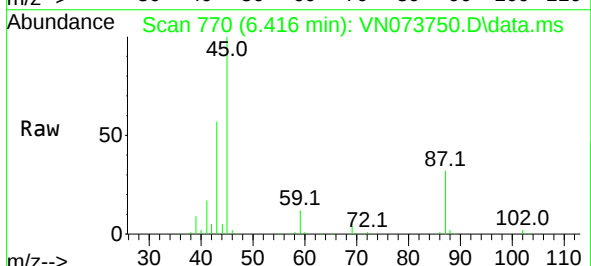
Tgt Ion: 96 Resp: 187784
Ion Ratio Lower Upper
96 100
61 120.7 105.8 158.8
98 60.7 50.3 75.5

Manual Integrations
APPROVED

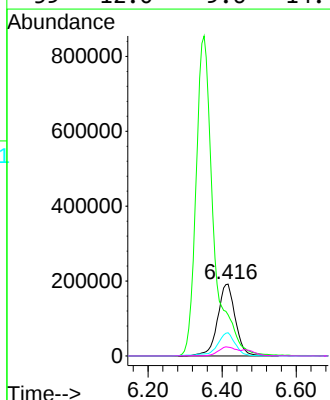
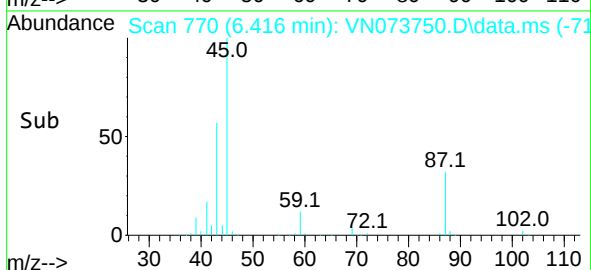
Reviewed By :John Carlone 08/05/2022
Supervised By :Mahesh Dadoda 08/05/2022

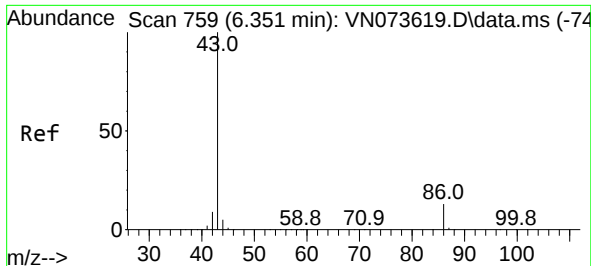


#22
Diisopropyl ether
Concen: 49.116 ug/l
RT: 6.416 min Scan# 770
Delta R.T. 0.006 min
Lab File: VN073750.D
Acq: 04 Aug 2022 20:51



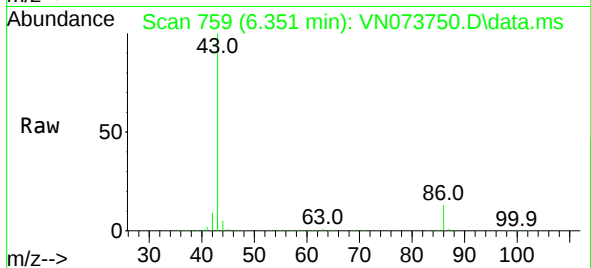
Tgt Ion: 45 Resp: 637213
Ion Ratio Lower Upper
45 100
43 57.0 46.6 70.0
87 32.1 24.3 36.5
59 12.0 9.6 14.4





#23
 Vinyl Acetate
 Concen: 257.038 ug/l
 RT: 6.351 min Scan# 759
 Delta R.T. 0.000 min
 Lab File: VN073750.D
 Acq: 04 Aug 2022 20:51

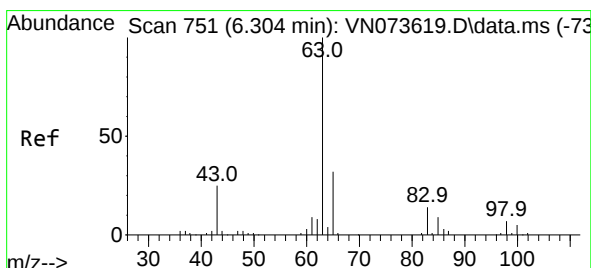
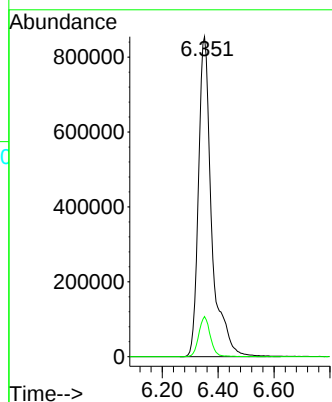
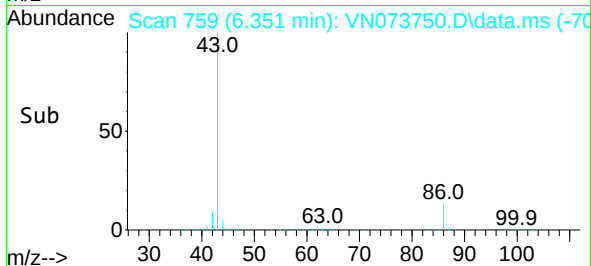
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



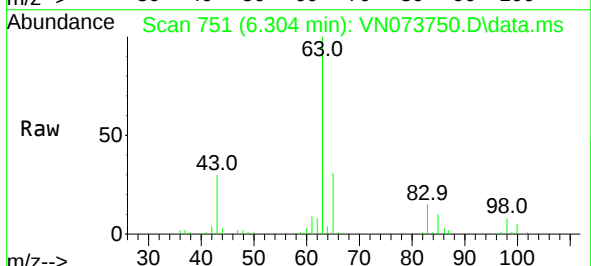
Tgt Ion: 43 Resp: 2795829
 Ion Ratio Lower Upper
 43 100
 86 12.5 10.0 15.0

Manual Integrations
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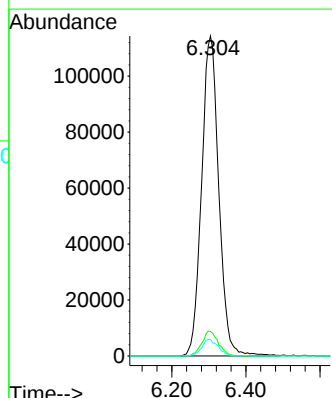
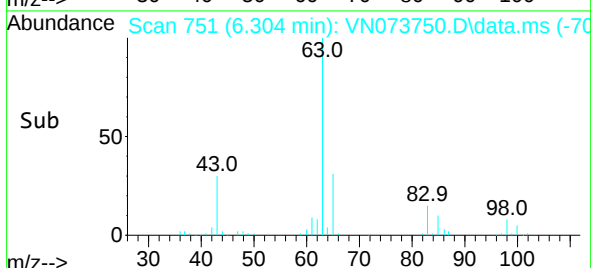
Reviewed By :John Carlone 08/05/2022
 Supervised By :Mahesh Dadoda 08/05/2022

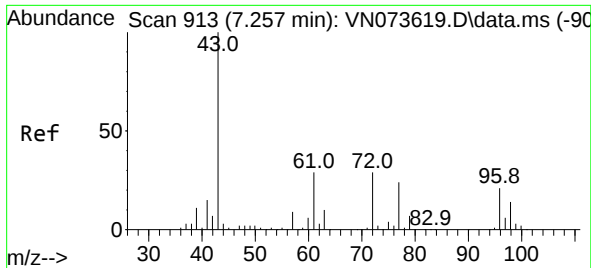


#24
 1,1-Dichloroethane
 Concen: 46.093 ug/l
 RT: 6.304 min Scan# 751
 Delta R.T. 0.000 min
 Lab File: VN073750.D
 Acq: 04 Aug 2022 20:51



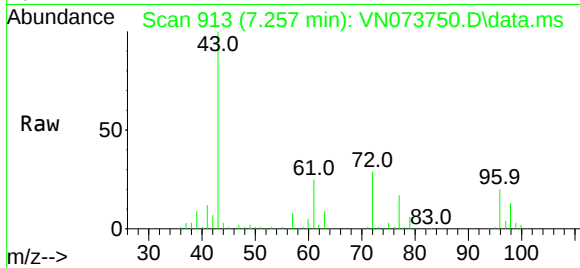
Tgt Ion: 63 Resp: 367883
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.5 10.4
 100 5.2 2.3 6.8





#25
2-Butanone
Concen: 245.608 ug/l
RT: 7.257 min Scan# 913
Delta R.T. 0.000 min
Lab File: VN073750.D
Acq: 04 Aug 2022 20:51

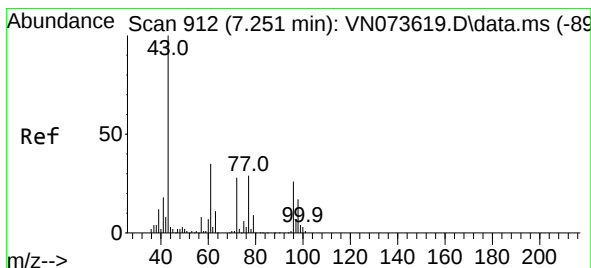
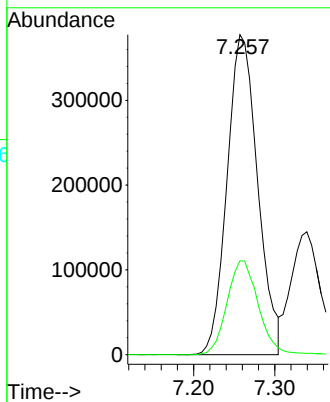
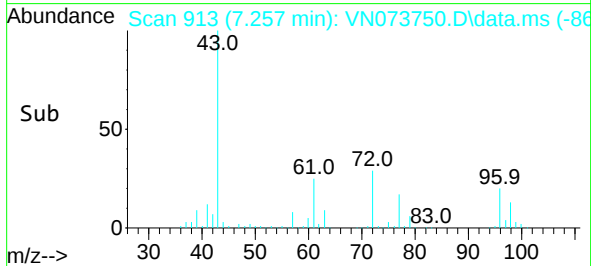
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



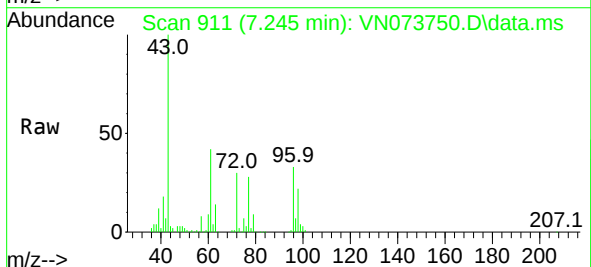
Tgt Ion: 43 Resp: 989740
Ion Ratio Lower Upper
43 100
72 29.4 23.7 35.5

Manual Integrations
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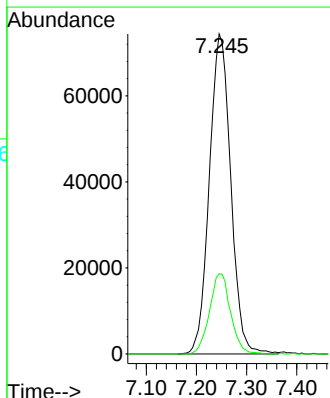
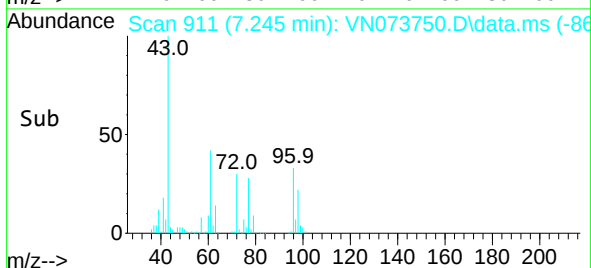
Reviewed By :John Carlone 08/05/2022
Supervised By :Mahesh Dadoda 08/05/2022

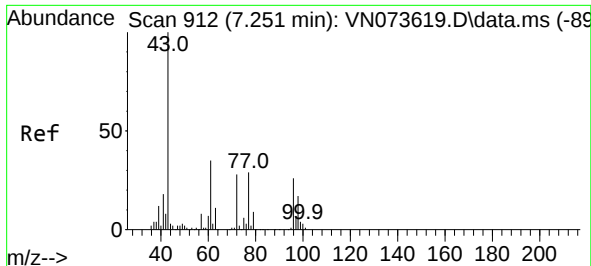


#26
2,2-Dichloropropane
Concen: 35.960 ug/l
RT: 7.245 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN073750.D
Acq: 04 Aug 2022 20:51



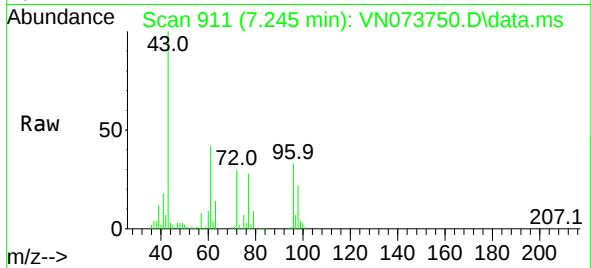
Tgt Ion: 77 Resp: 220817
Ion Ratio Lower Upper
77 100
97 24.6 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 47.718 ug/l
 RT: 7.245 min Scan# 912
 Delta R.T. -0.006 min
 Lab File: VN073750.D
 Acq: 04 Aug 2022 20:51

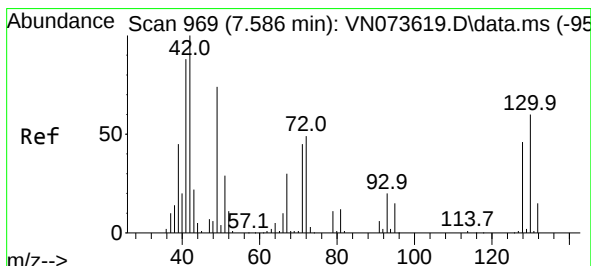
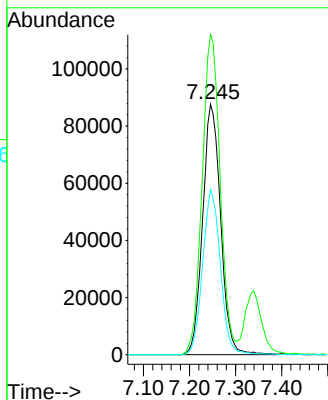
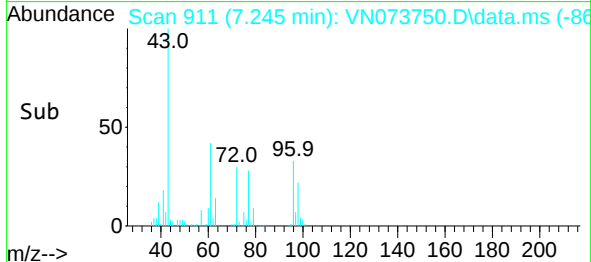
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



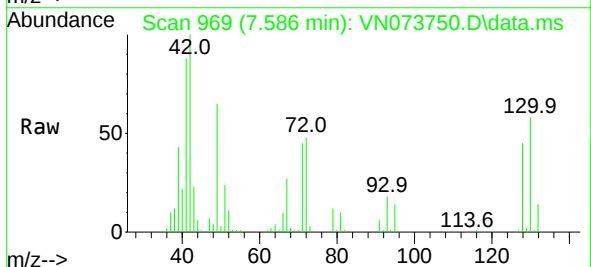
Tgt Ion: 96 Resp: 23937
 Ion Ratio Lower Upper
 96 100
 61 127.4 0.0 280.6
 98 64.8 0.0 128.4

Manual Integrations
 APPROVED

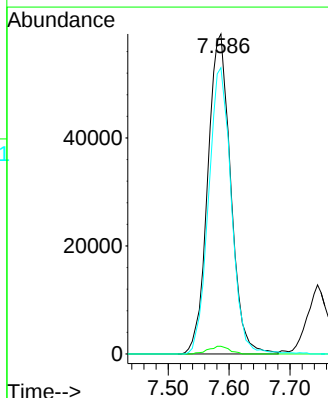
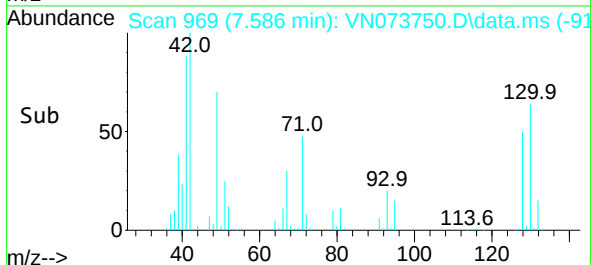
Reviewed By :John Carlone 08/05/2022
 Supervised By :Mahesh Dadoda 08/05/2022

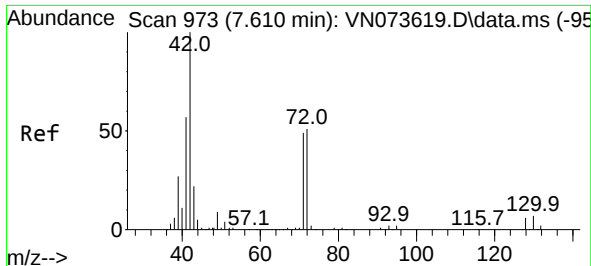


#28
 Bromochloromethane
 Concen: 46.232 ug/l
 RT: 7.586 min Scan# 969
 Delta R.T. 0.000 min
 Lab File: VN073750.D
 Acq: 04 Aug 2022 20:51



Tgt Ion: 49 Resp: 154932
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.6
 130 88.6 69.7 104.5





#29

Tetrahydrofuran

Concen: 252.108 ug/l

RT: 7.610 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN073750.D

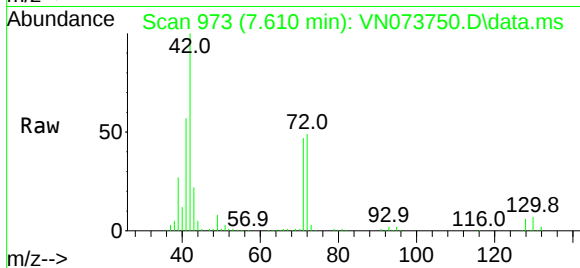
Acq: 04 Aug 2022 20:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



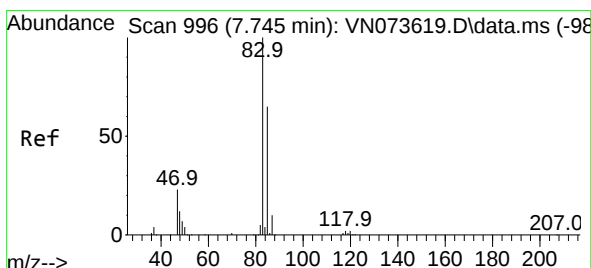
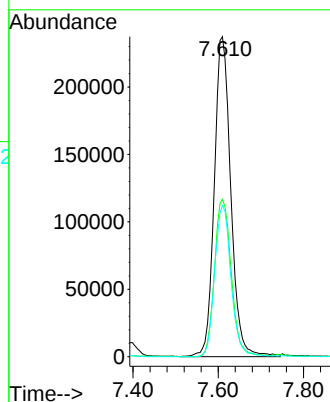
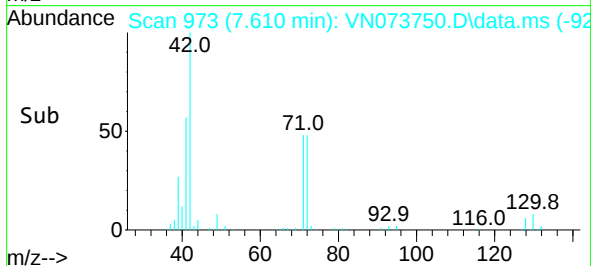
Tgt Ion:	42	Resp:	64232
Ion Ratio	100	Lower	Upper
42	100		
72	50.0	39.7	59.5
71	47.1	36.6	55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/05/2022

Supervised By :Mahesh Dadoda 08/05/2022



#30

Chloroform

Concen: 46.949 ug/l

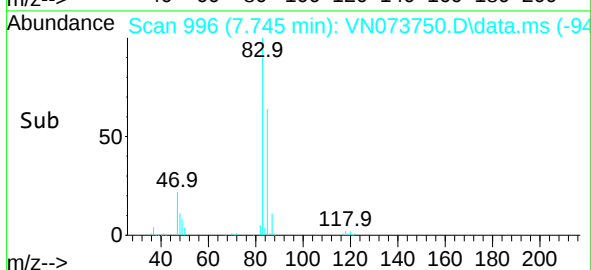
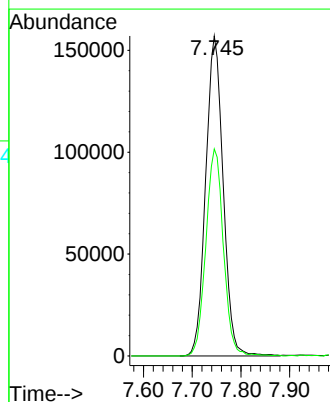
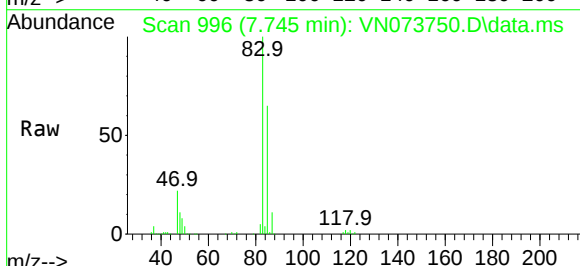
RT: 7.745 min Scan# 996

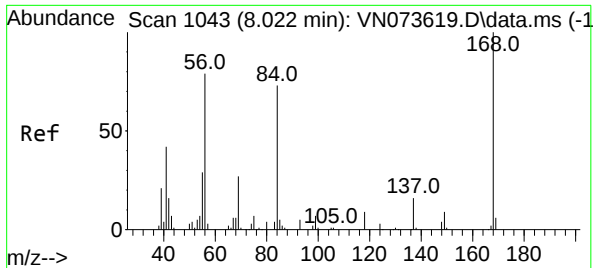
Delta R.T. 0.000 min

Lab File: VN073750.D

Acq: 04 Aug 2022 20:51

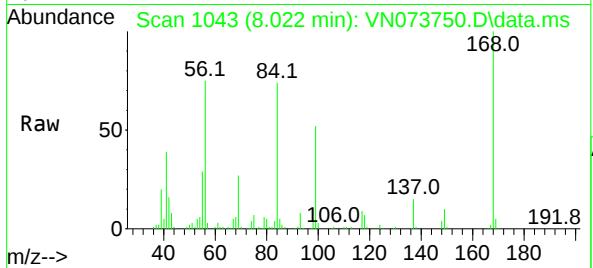
Tgt Ion:	83	Resp:	390411
Ion Ratio	100	Lower	Upper
83	100		
85	64.7	51.8	77.8





#31
Cyclohexane
Concen: 42.661 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VN073750.D
Acq: 04 Aug 2022 20:51

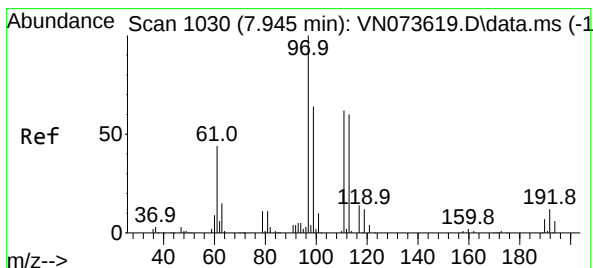
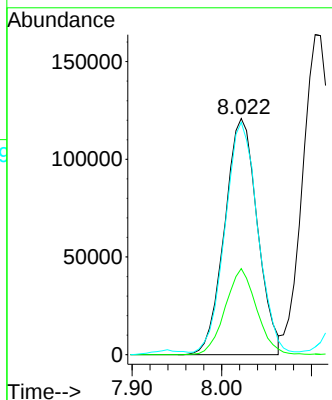
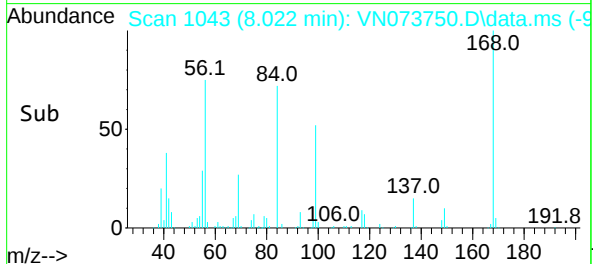
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



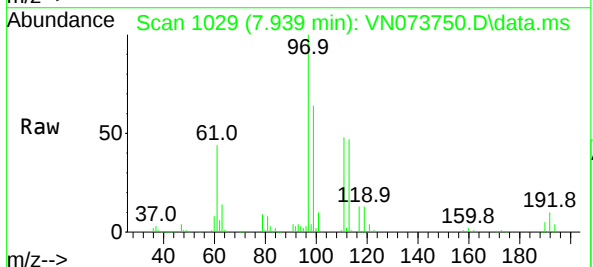
Tgt Ion: 56 Resp: 306838
Ion Ratio Lower Upper
56 100
69 36.4 27.8 41.8
84 97.1 76.9 115.3

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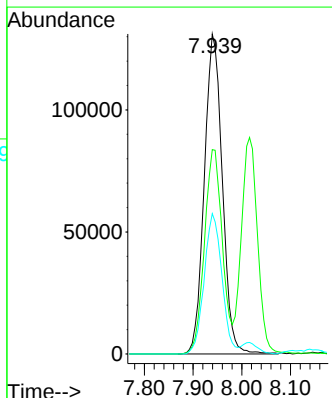
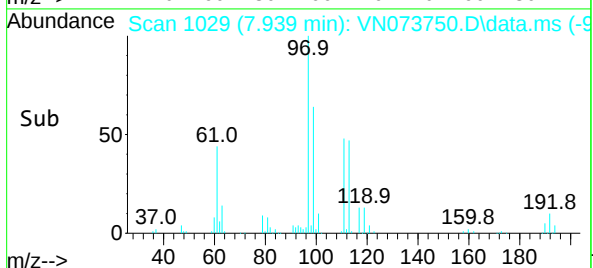
Reviewed By :John Carlone 08/05/2022
Supervised By :Mahesh Dadoda 08/05/2022

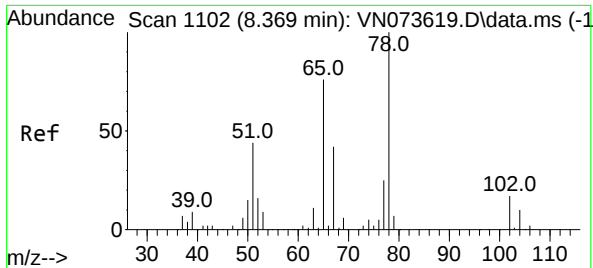


#32
1,1,1-Trichloroethane
Concen: 48.692 ug/l
RT: 7.939 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VN073750.D
Acq: 04 Aug 2022 20:51



Tgt Ion: 97 Resp: 336203
Ion Ratio Lower Upper
97 100
99 63.6 50.6 76.0
61 43.2 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 46.771 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN073750.D

Acq: 04 Aug 2022 20:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDC050EC

Tgt Ion: 65 Resp: 225958

Ion Ratio Lower Upper

65 100

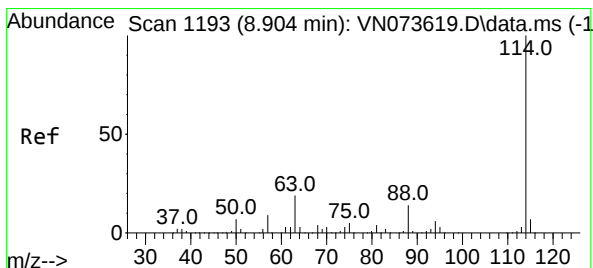
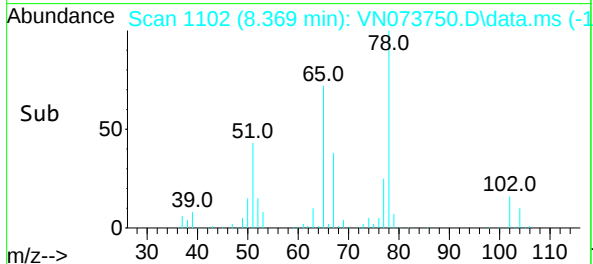
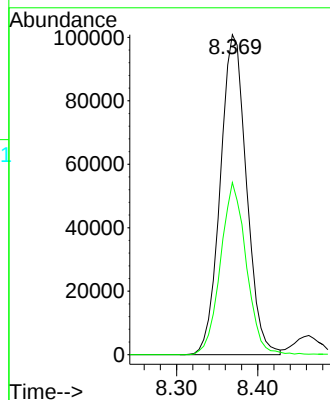
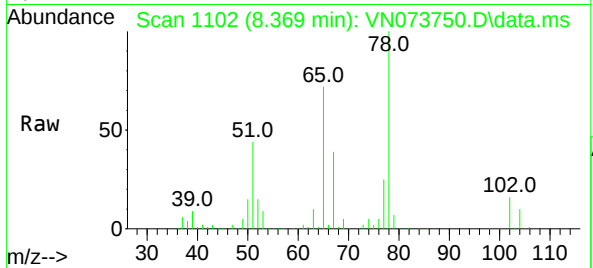
67 53.1 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/05/2022

Supervised By :Mahesh Dadoda 08/05/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VN073750.D

Acq: 04 Aug 2022 20:51

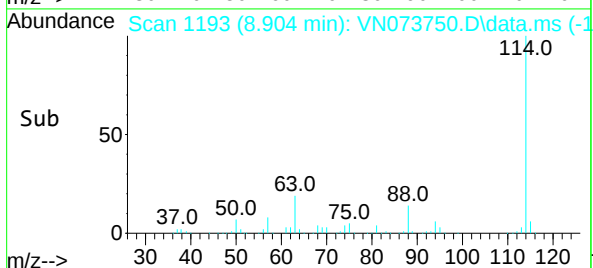
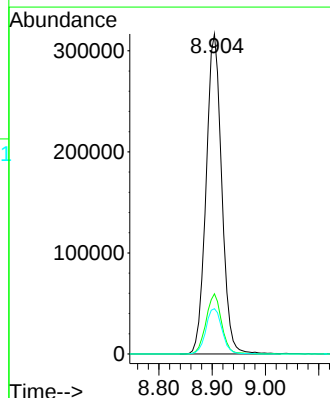
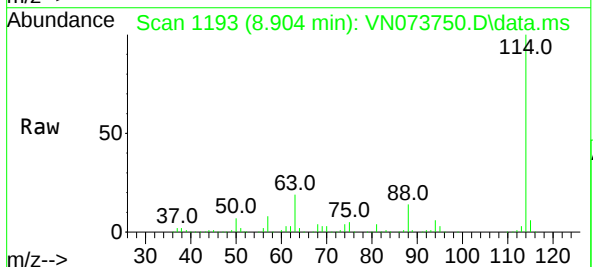
Tgt Ion:114 Resp: 644521

Ion Ratio Lower Upper

114 100

63 18.8 0.0 40.0

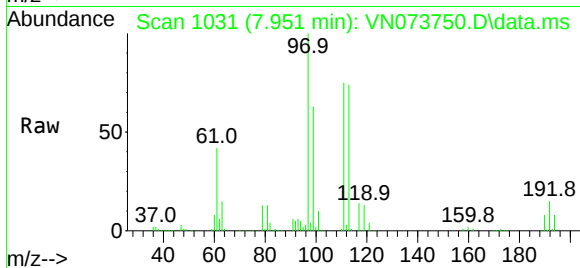
88 14.2 0.0 32.6





#35
Dibromofluoromethane
Concen: 49.244 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073750.D
Acq: 04 Aug 2022 20:51

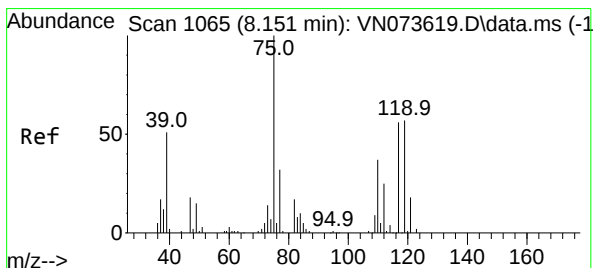
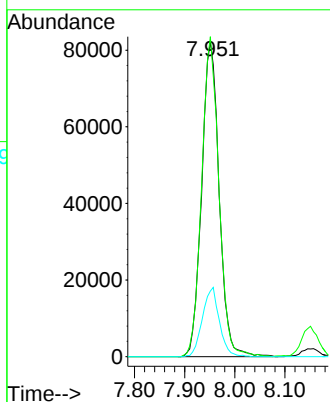
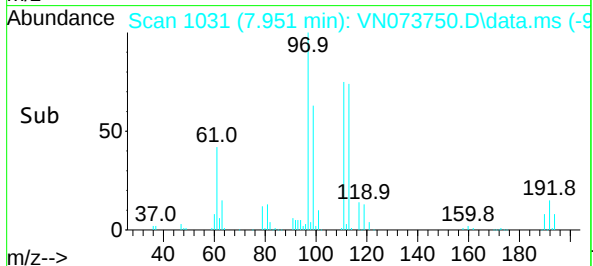
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 199298
Ion Ratio Lower Upper
113 100
111 100.2 81.4 122.0
192 21.3 17.0 25.6

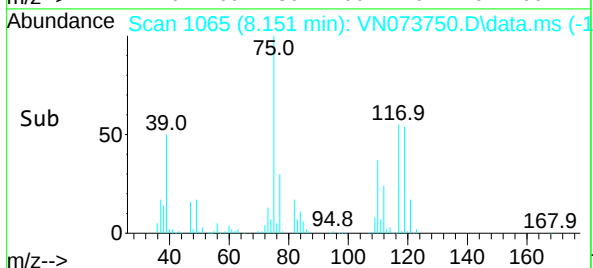
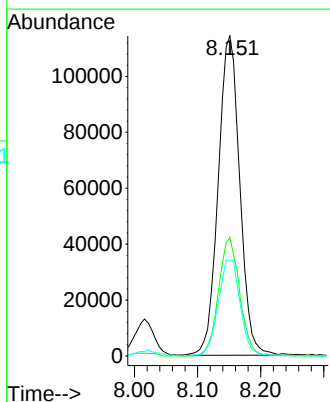
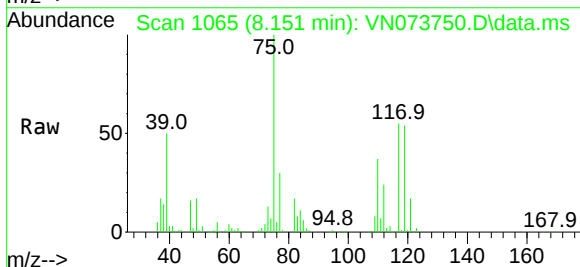
Manual Integrations
APPROVED

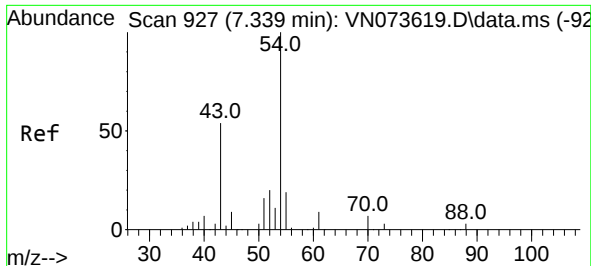
Reviewed By :John Carlone 08/05/2022
Supervised By :Mahesh Dadoda 08/05/2022



#36
1,1-Dichloropropene
Concen: 46.936 ug/l
RT: 8.151 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VN073750.D
Acq: 04 Aug 2022 20:51

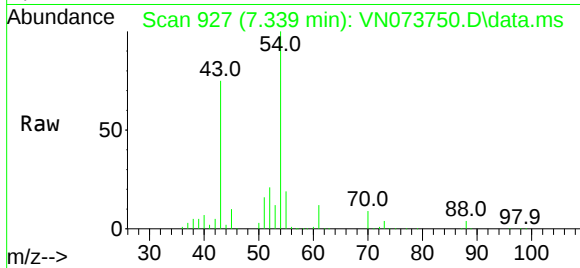
Tgt Ion: 75 Resp: 270735
Ion Ratio Lower Upper
75 100
110 36.4 18.3 54.8
77 31.0 25.1 37.7





#37
Ethyl Acetate
Concen: 50.593 ug/l
RT: 7.339 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN073750.D
Acq: 04 Aug 2022 20:51

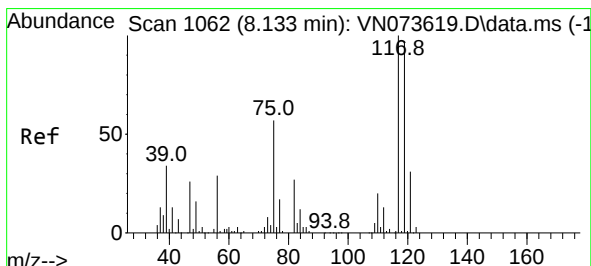
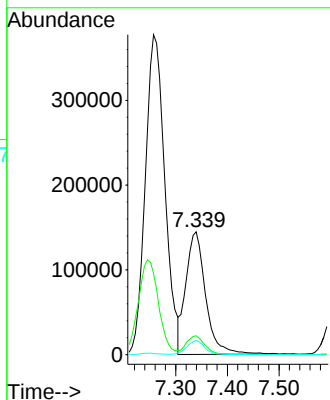
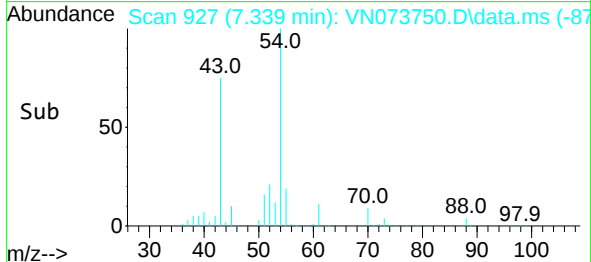
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 384332
Ion Ratio Lower Upper
43 100
61 14.4 11.8 17.6
70 10.6 9.3 13.9

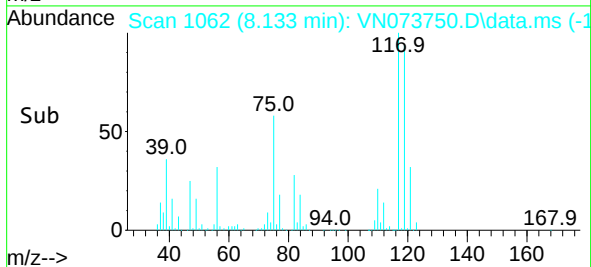
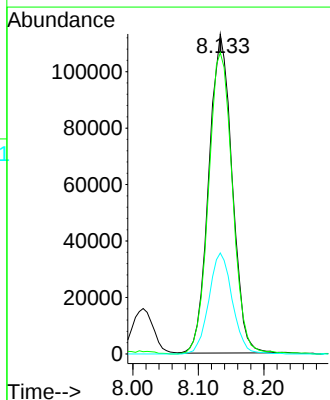
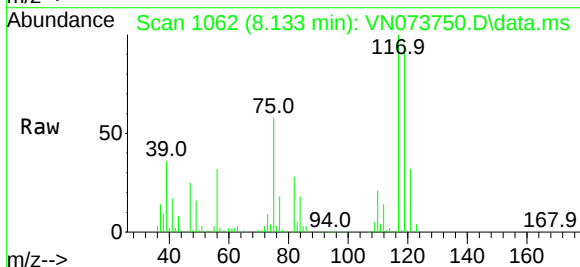
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/05/2022
Supervised By :Mahesh Dadoda 08/05/2022



#38
Carbon Tetrachloride
Concen: 47.526 ug/l
RT: 8.133 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VN073750.D
Acq: 04 Aug 2022 20:51

Tgt Ion:117 Resp: 278432
Ion Ratio Lower Upper
117 100
119 94.5 75.8 113.8
121 31.7 24.6 37.0





#39

Methylcyclohexane

Concen: 48.019 ug/l

RT: 9.392 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VN073750.D

Acq: 04 Aug 2022 20:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 330994

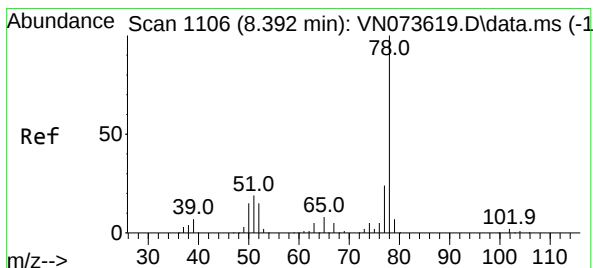
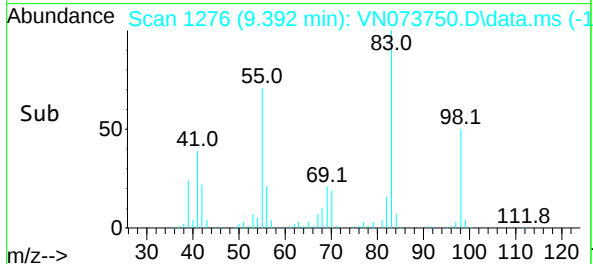
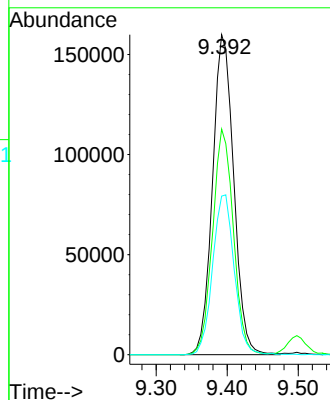
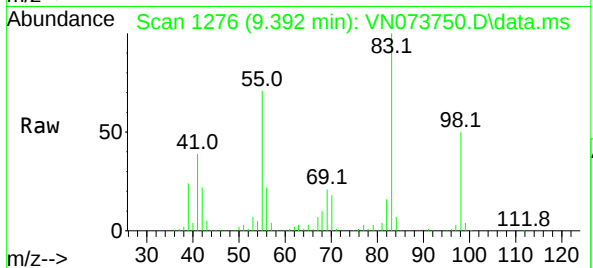
Ion	Ratio	Lower	Upper
83	100		
55	70.5	57.8	86.8
98	49.5	39.4	59.2

Manual Integrations

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Reviewed By :John Carlone 08/05/2022

Supervised By :Mahesh Dadoda 08/05/2022



#40

Benzene

Concen: 46.648 ug/l

RT: 8.392 min Scan# 1106

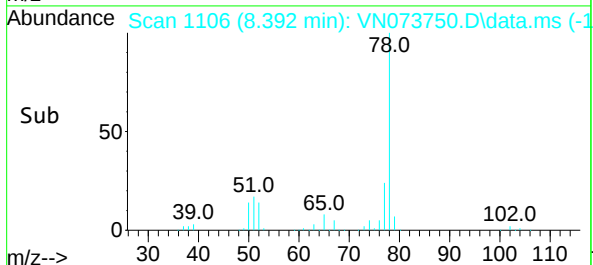
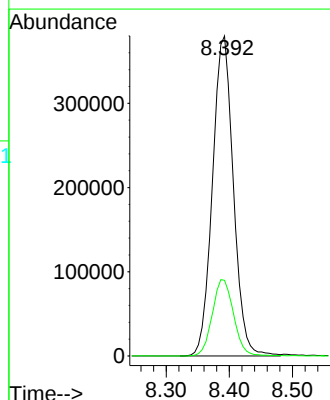
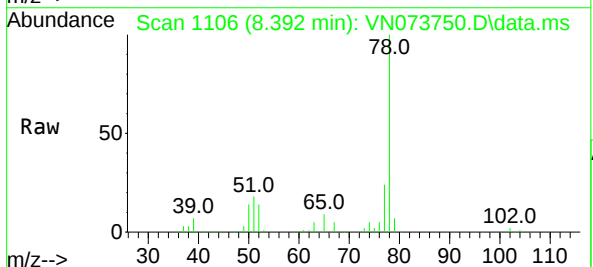
Delta R.T. 0.000 min

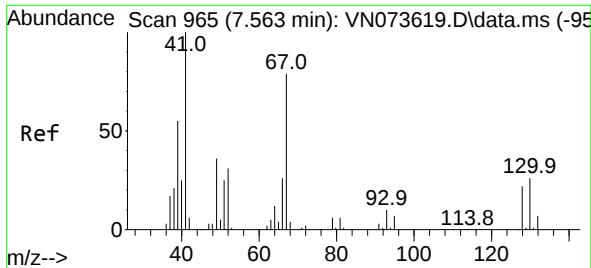
Lab File: VN073750.D

Acq: 04 Aug 2022 20:51

Tgt Ion: 78 Resp: 873756

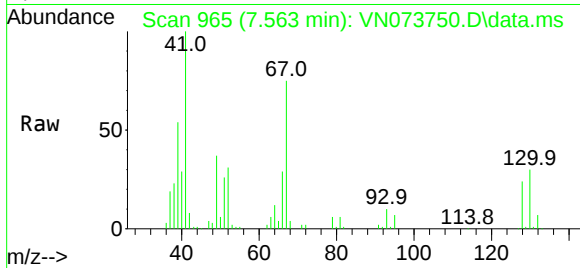
Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.4	29.0





#41
Methacrylonitrile
Concen: 45.397 ug/l
RT: 7.563 min Scan# 965
Delta R.T. 0.000 min
Lab File: VN073750.D
Acq: 04 Aug 2022 20:51

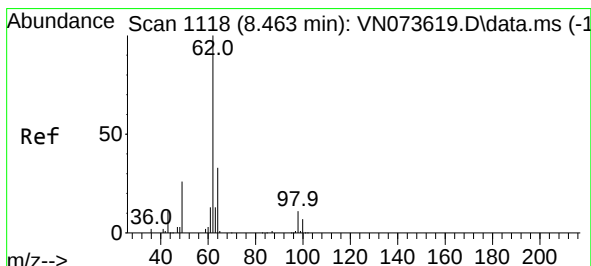
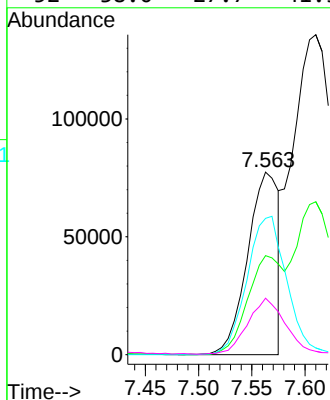
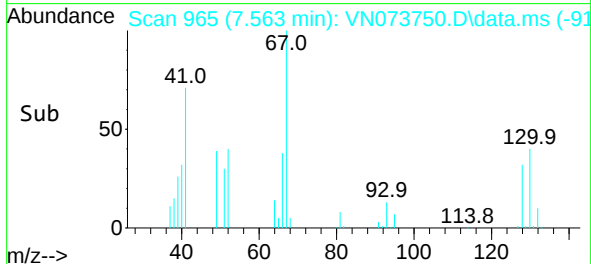
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



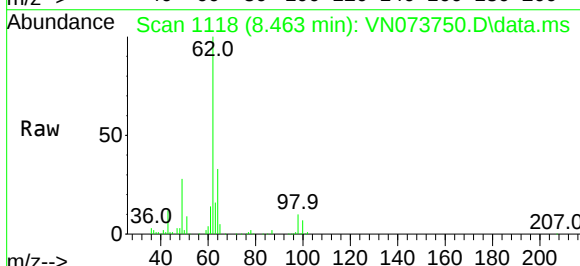
Tgt Ion: 41 Resp: 15605
Ion Ratio Lower Upper
41 100
39 62.5 48.6 73.0
67 98.8 73.4 110.2
52 38.0 27.7 41.5

Manual Integrations
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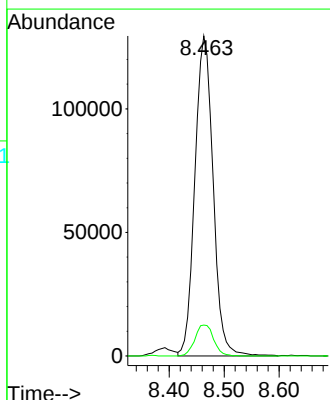
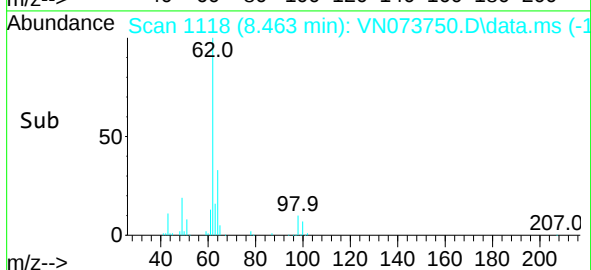
Reviewed By :John Carlone 08/05/2022
Supervised By :Mahesh Dadoda 08/05/2022

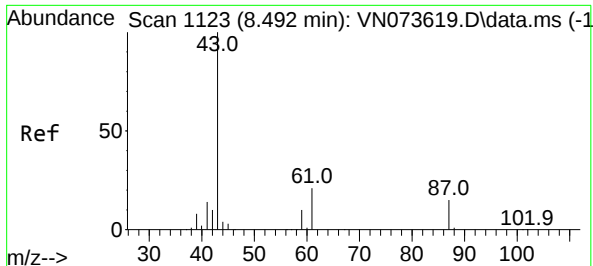


#42
1,2-Dichloroethane
Concen: 47.282 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. 0.000 min
Lab File: VN073750.D
Acq: 04 Aug 2022 20:51



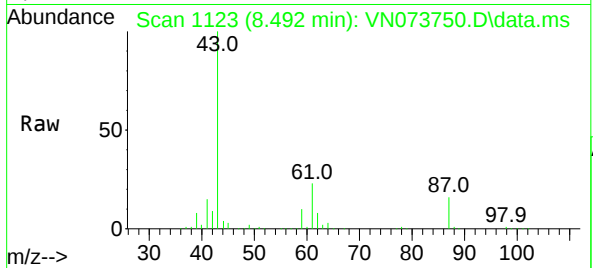
Tgt Ion: 62 Resp: 298481
Ion Ratio Lower Upper
62 100
98 10.0 0.0 19.4





#43
Isopropyl Acetate
Concen: 51.427 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN073750.D
Acq: 04 Aug 2022 20:51

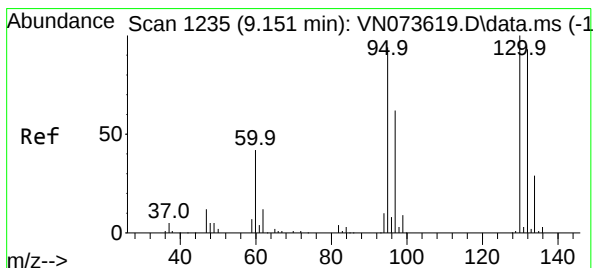
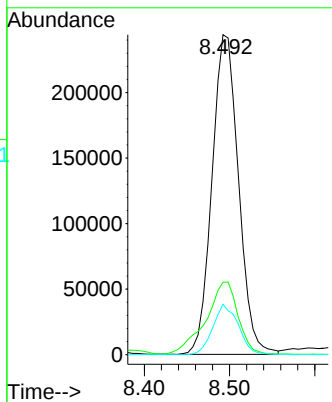
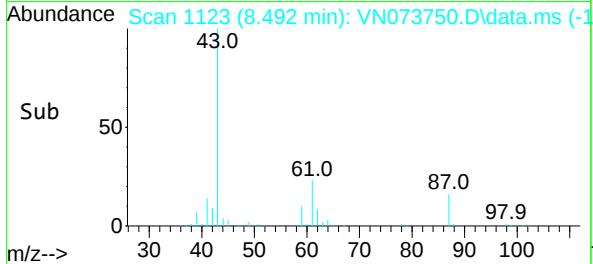
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



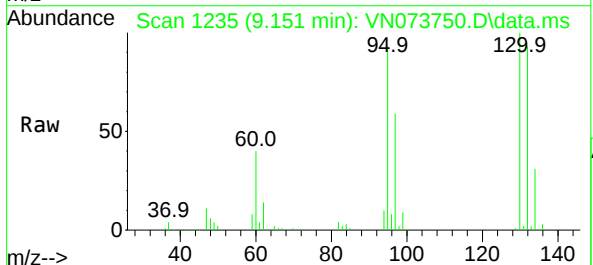
Tgt Ion: 43 Resp: 527670
Ion Ratio Lower Upper
43 100
61 27.5 21.9 32.9
87 15.2 12.0 18.0

Manual Integrations
APPROVED

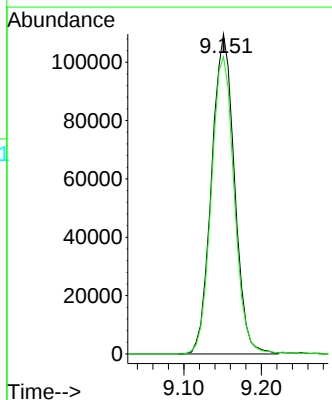
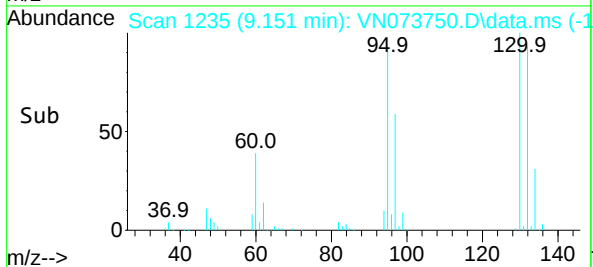
Reviewed By :John Carlone 08/05/2022
Supervised By :Mahesh Dadoda 08/05/2022

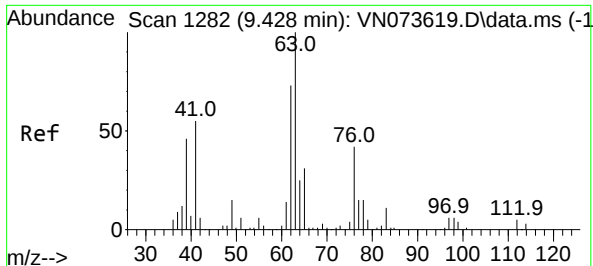


#44
Trichloroethene
Concen: 47.324 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VN073750.D
Acq: 04 Aug 2022 20:51



Tgt Ion:130 Resp: 224789
Ion Ratio Lower Upper
130 100
95 92.9 0.0 186.8





#45

1,2-Dichloropropane

Concen: 47.035 ug/l

RT: 9.428 min Scan# 1282

Delta R.T. -0.000 min

Lab File: VN073750.D

Acq: 04 Aug 2022 20:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 22021

Ion Ratio Lower Upper

63 100

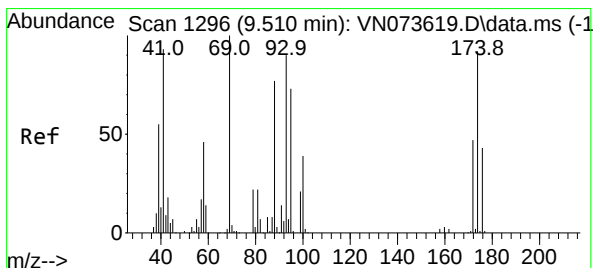
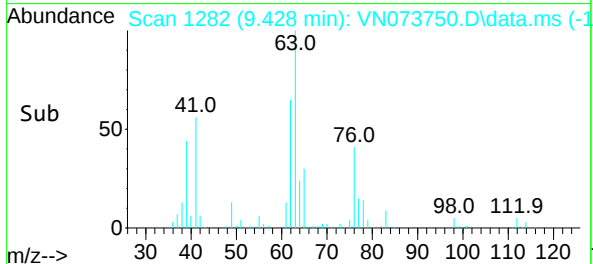
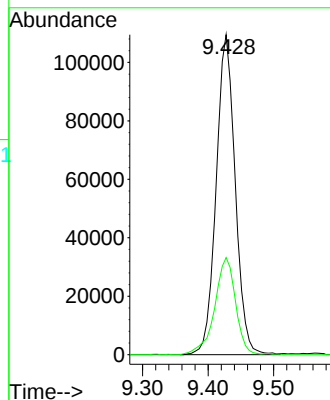
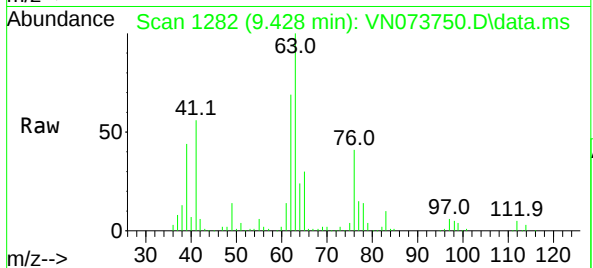
65 30.4 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/05/2022

Supervised By :Mahesh Dadoda 08/05/2022



#46

Dibromomethane

Concen: 48.594 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. 0.006 min

Lab File: VN073750.D

Acq: 04 Aug 2022 20:51

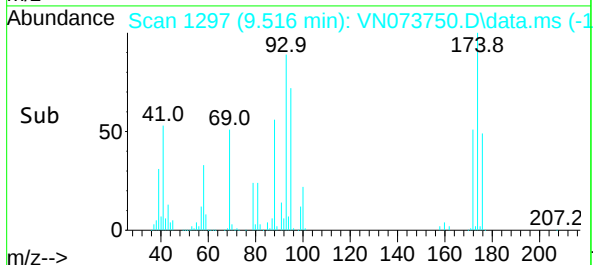
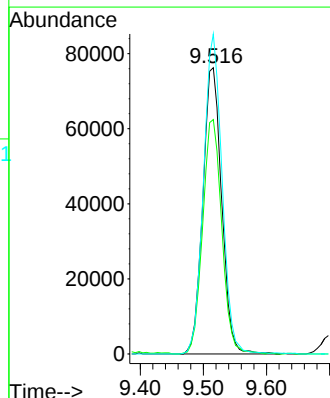
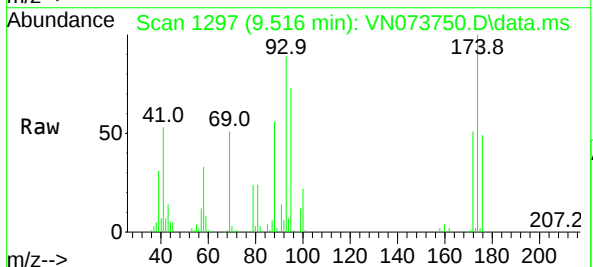
Tgt Ion: 93 Resp: 157902

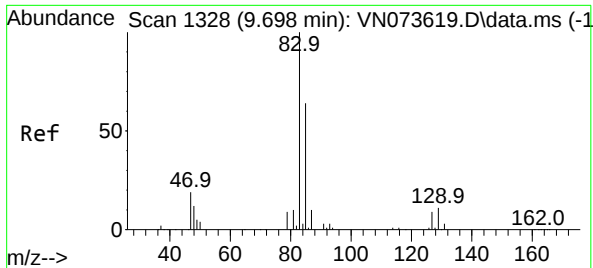
Ion Ratio Lower Upper

93 100

95 83.0 66.9 100.3

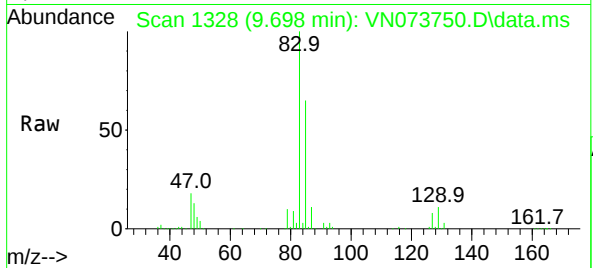
174 110.0 86.6 130.0





#47
Bromodichloromethane
Concen: 49.398 ug/l
RT: 9.698 min Scan# 1328
Delta R.T. -0.000 min
Lab File: VN073750.D
Acq: 04 Aug 2022 20:51

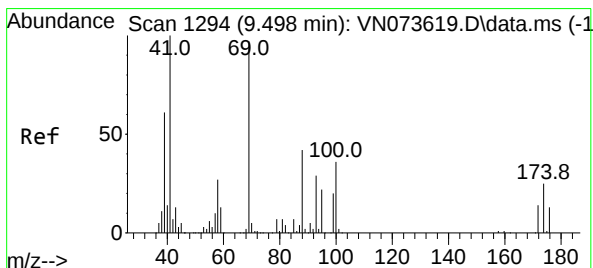
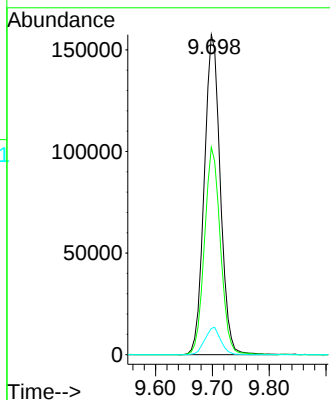
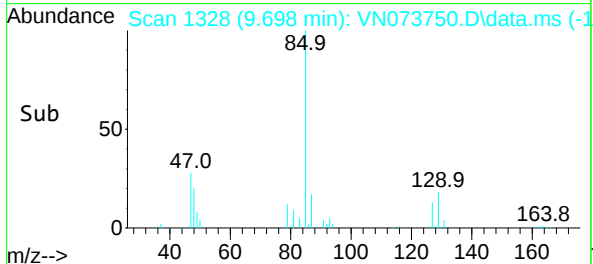
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



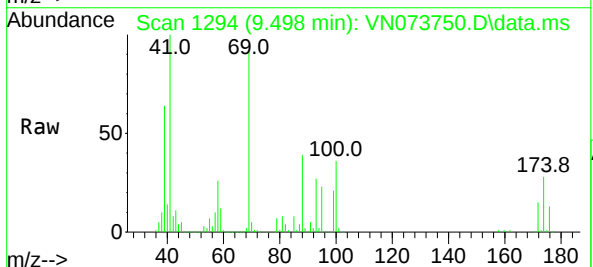
Tgt Ion: 83 Resp: 308074
Ion Ratio Lower Upper
83 100
85 64.9 50.5 75.7
127 8.2 6.8 10.2

Manual Integrations
APPROVED

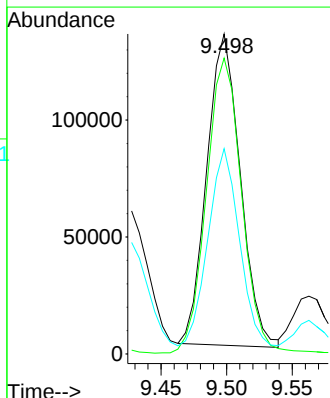
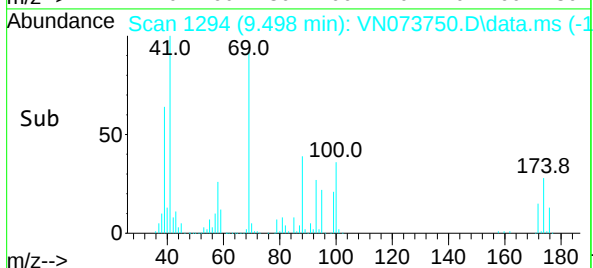
Reviewed By :John Carlone 08/05/2022
Supervised By :Mahesh Dadoda 08/05/2022

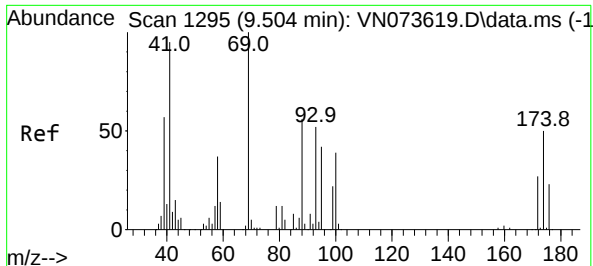


#48
Methyl methacrylate
Concen: 52.647 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VN073750.D
Acq: 04 Aug 2022 20:51



Tgt Ion: 41 Resp: 236452
Ion Ratio Lower Upper
41 100
69 100.2 74.7 112.1
39 65.4 45.6 68.4





#49

1,4-Dioxane

Concen: 1052.356 ug/l

RT: 9.504 min Scan# 1295

Delta R.T. -0.000 min

Lab File: VN073750.D

Acq: 04 Aug 2022 20:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 13323

Ion Ratio Lower Upper

88 100

43 26.7 20.2 30.4

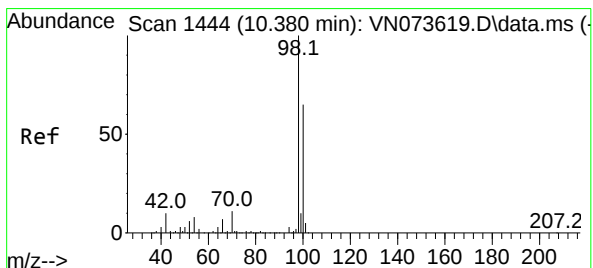
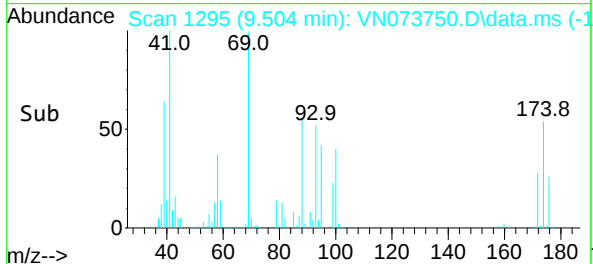
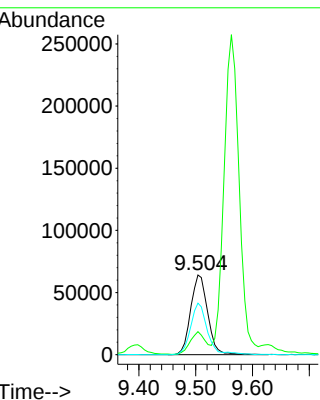
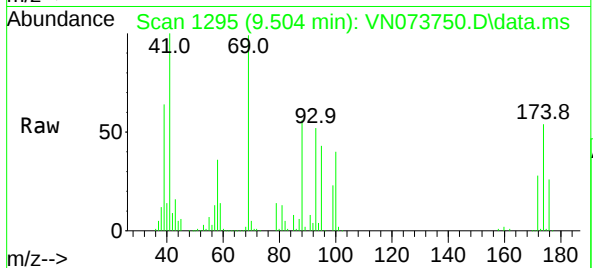
58 63.7 54.2 81.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/05/2022

Supervised By :Mahesh Dadoda 08/05/2022



#50

Toluene-d8

Concen: 46.591 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN073750.D

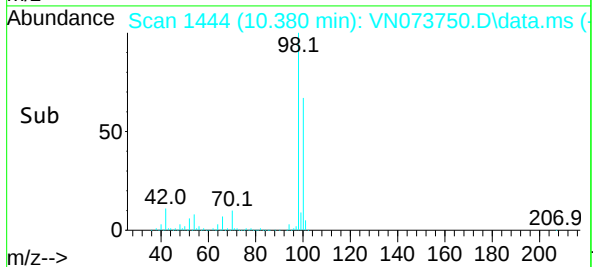
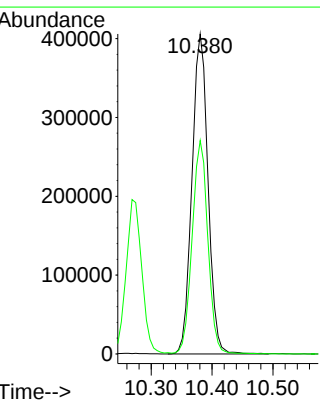
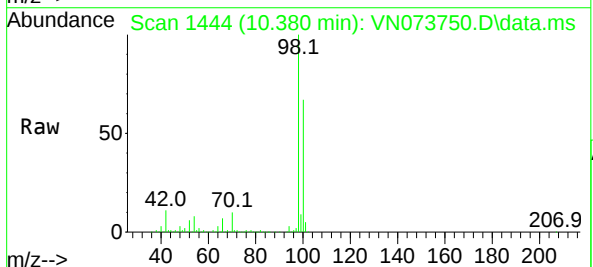
Acq: 04 Aug 2022 20:51

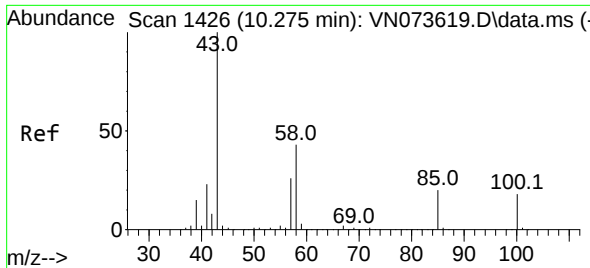
Tgt Ion: 98 Resp: 742014

Ion Ratio Lower Upper

98 100

100 65.6 52.6 78.8





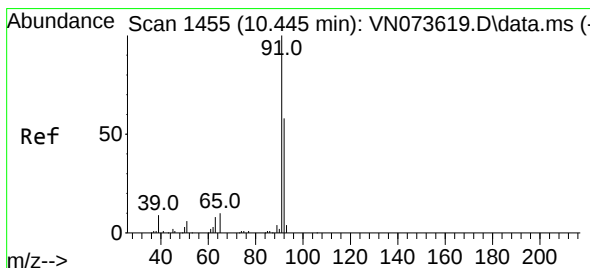
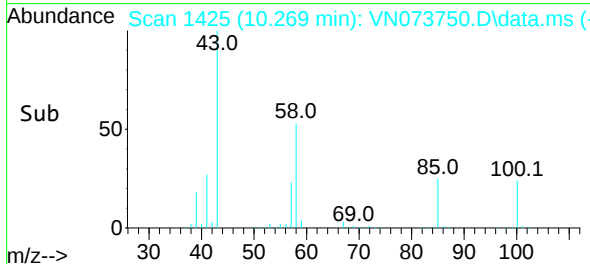
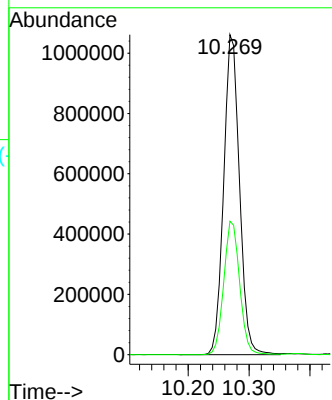
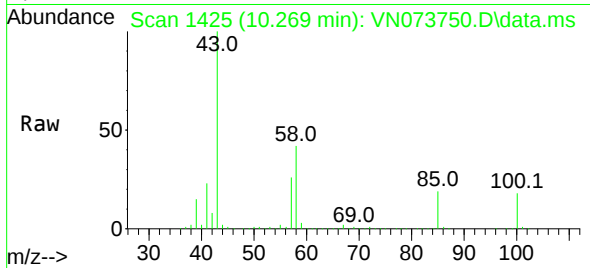
#51
4-Methyl-2-Pentanone
Concen: 259.288 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VN073750.D
Acq: 04 Aug 2022 20:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 190816
Ion Ratio Lower Upper
43 100
58 42.1 34.1 51.1

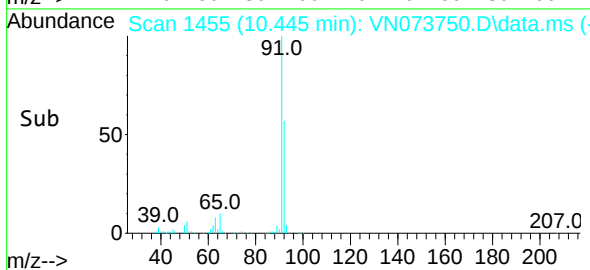
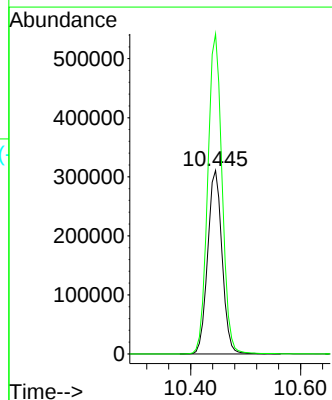
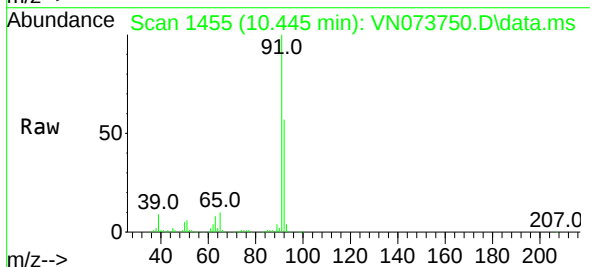
Manual Integrations
APPROVED

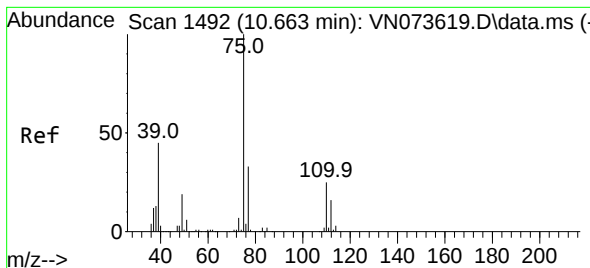
Reviewed By :John Carlone 08/05/2022
Supervised By :Mahesh Dadoda 08/05/2022



#52
Toluene
Concen: 49.351 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN073750.D
Acq: 04 Aug 2022 20:51

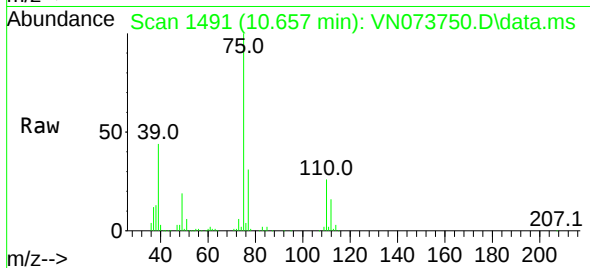
Tgt Ion: 92 Resp: 564630
Ion Ratio Lower Upper
92 100
91 173.7 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 50.329 ug/l
RT: 10.657 min Scan# 1491
Delta R.T. -0.006 min
Lab File: VN073750.D
Acq: 04 Aug 2022 20:51

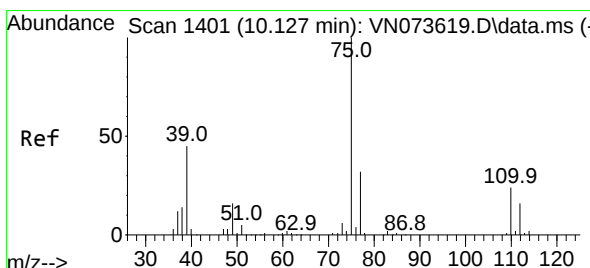
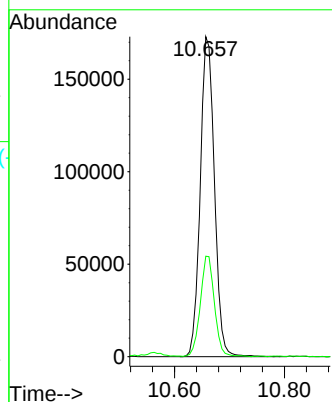
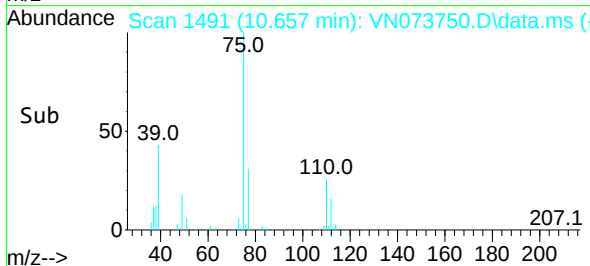
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 31084
Ion Ratio Lower Upper
75 100
77 31.2 25.6 38.4

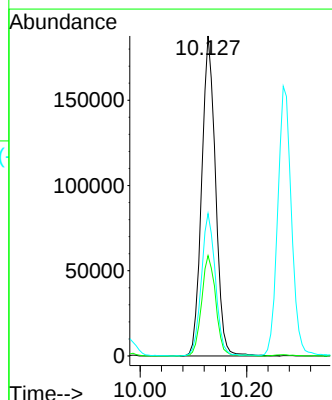
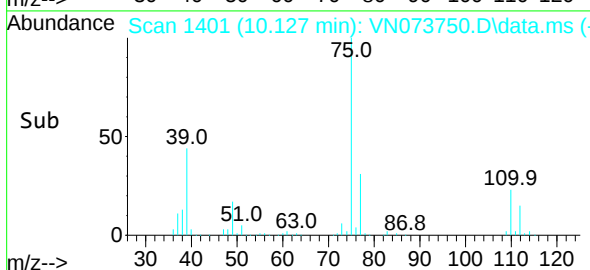
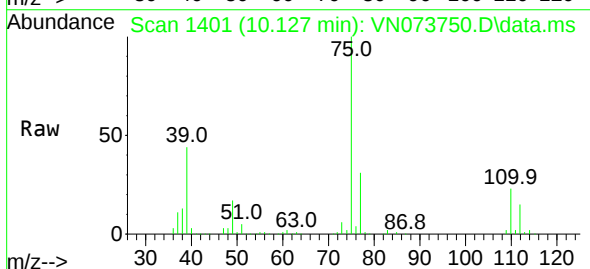
Manual Integrations
APPROVED

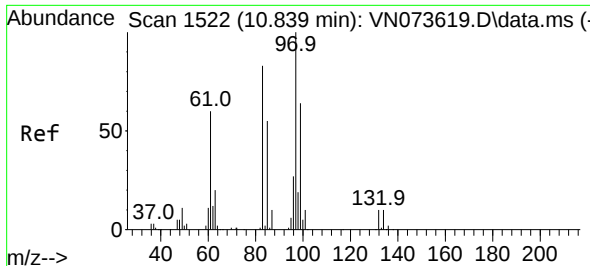
Reviewed By :John Carlone 08/05/2022
Supervised By :Mahesh Dadoda 08/05/2022



#54
cis-1,3-Dichloropropene
Concen: 48.838 ug/l
RT: 10.127 min Scan# 1401
Delta R.T. -0.000 min
Lab File: VN073750.D
Acq: 04 Aug 2022 20:51

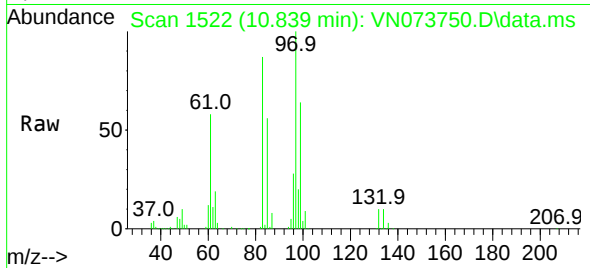
Tgt Ion: 75 Resp: 339075
Ion Ratio Lower Upper
75 100
77 31.4 25.2 37.8
39 44.5 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 49.332 ug/l
RT: 10.839 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VN073750.D
Acq: 04 Aug 2022 20:51

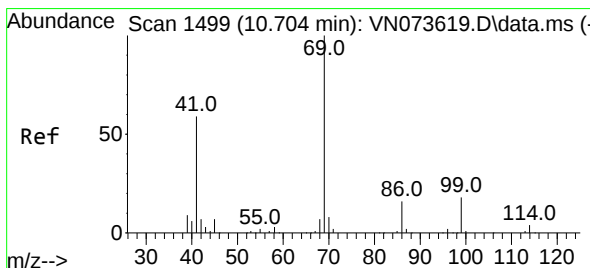
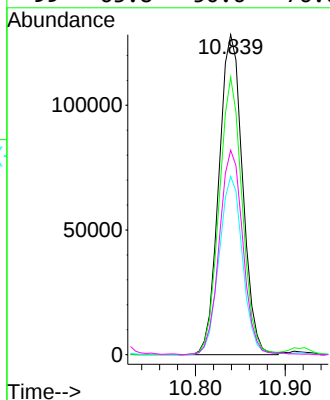
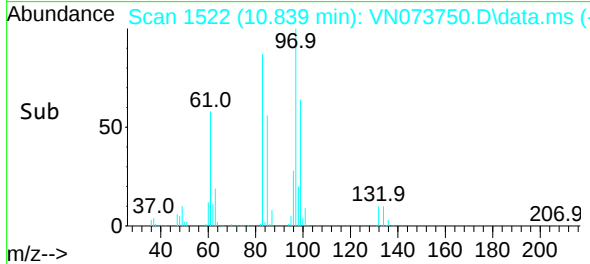
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



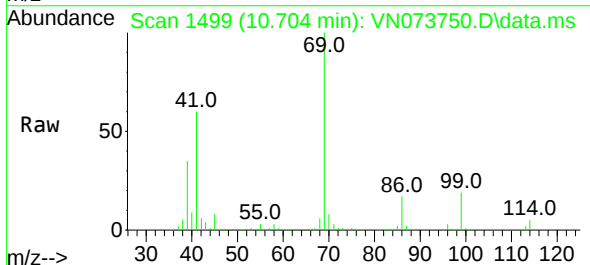
Tgt Ion: 97 Resp: 235362
Ion Ratio Lower Upper
97 100
83 86.7 66.2 99.4
85 55.7 43.9 65.9
99 63.8 50.6 76.0

Manual Integrations
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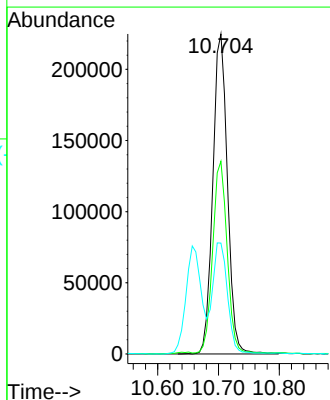
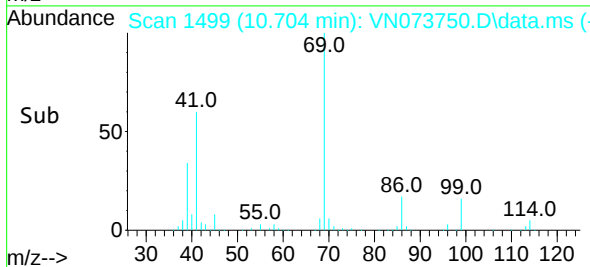
Reviewed By :John Carlone 08/05/2022
Supervised By :Mahesh Dadoda 08/05/2022



#56
Ethyl methacrylate
Concen: 56.996 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. -0.000 min
Lab File: VN073750.D
Acq: 04 Aug 2022 20:51



Tgt Ion: 69 Resp: 374789
Ion Ratio Lower Upper
69 100
41 58.8 47.8 71.6
39 35.4 27.3 40.9





#57

1,3-Dichloropropane

Concen: 48.502 ug/l

RT: 10.986 min Scan# 1547

Delta R.T. 0.000 min

Lab File: VN073750.D

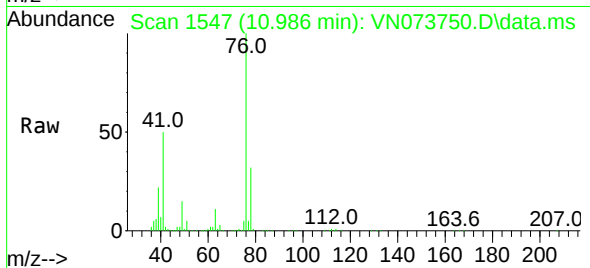
Acq: 04 Aug 2022 20:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 76 Resp: 392608

Ion Ratio Lower Upper

76 100

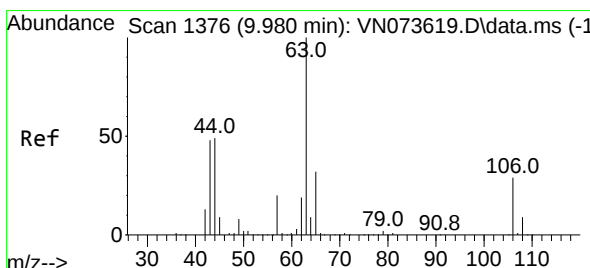
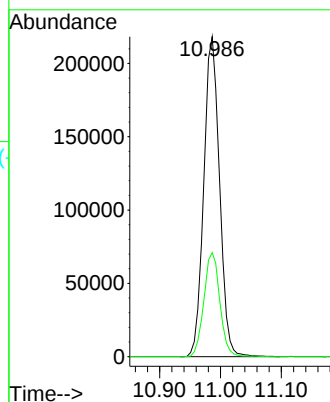
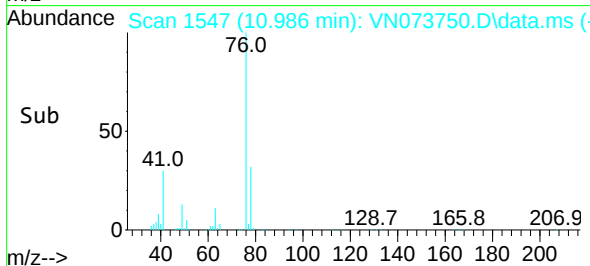
78 33.0 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/05/2022

Supervised By :Mahesh Dadoda 08/05/2022



#58

2-Chloroethyl Vinyl ether

Concen: 234.858 ug/l

RT: 9.980 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VN073750.D

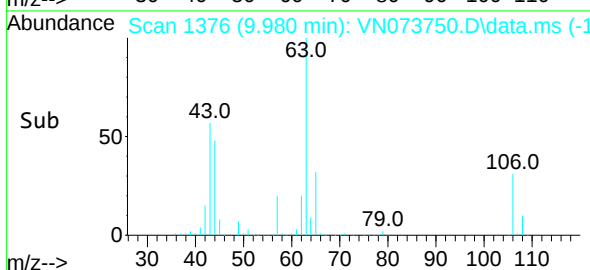
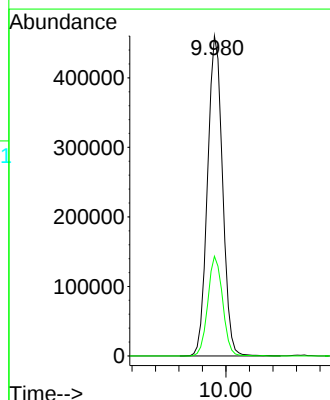
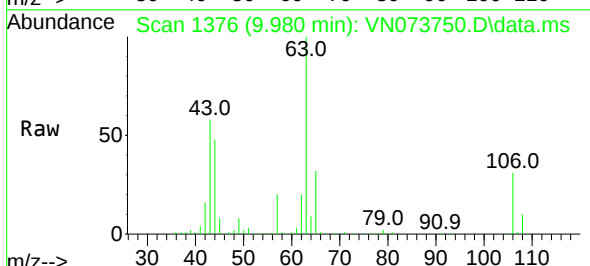
Acq: 04 Aug 2022 20:51

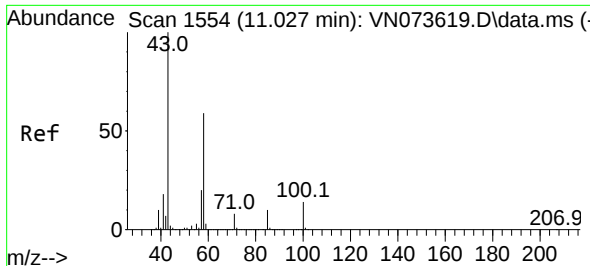
Tgt Ion: 63 Resp: 815055

Ion Ratio Lower Upper

63 100

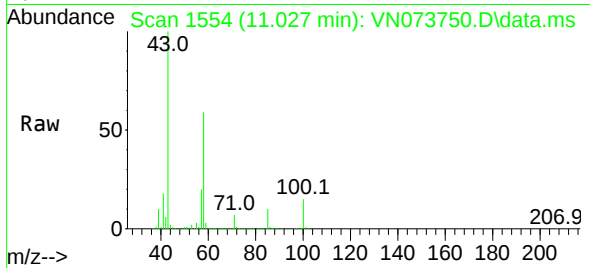
106 30.6 24.6 36.8





#59
2-Hexanone
Concen: 268.586 ug/l
RT: 11.027 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VN073750.D
Acq: 04 Aug 2022 20:51

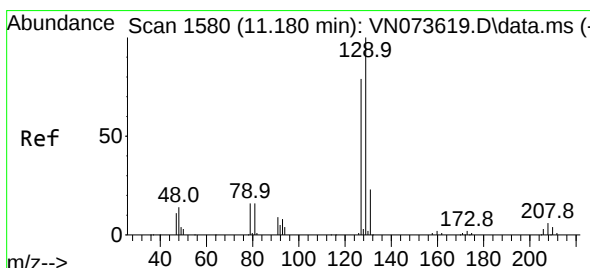
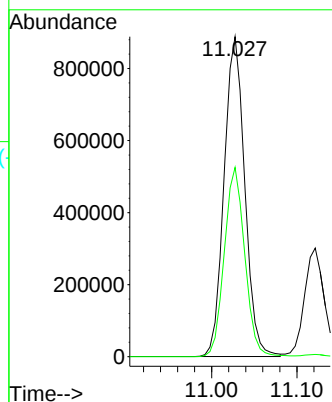
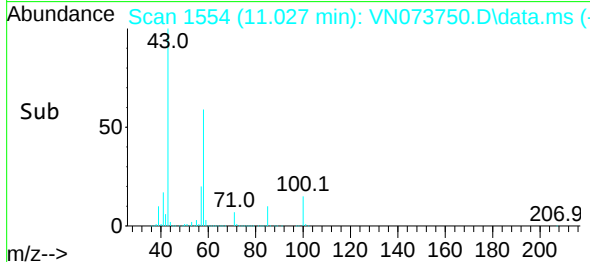
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 149754
Ion Ratio Lower Upper
43 100
58 58.5 29.7 89.1

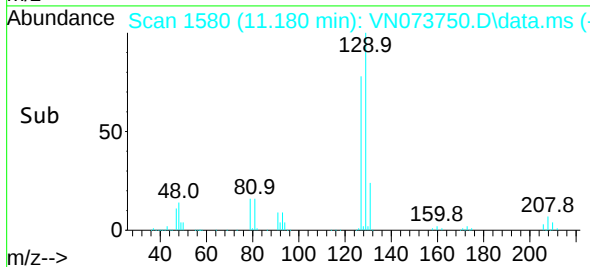
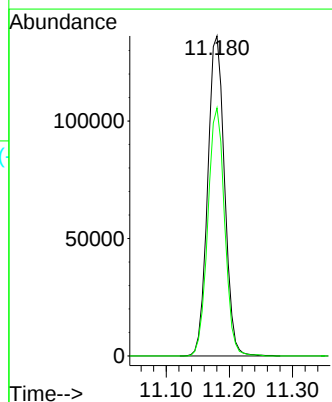
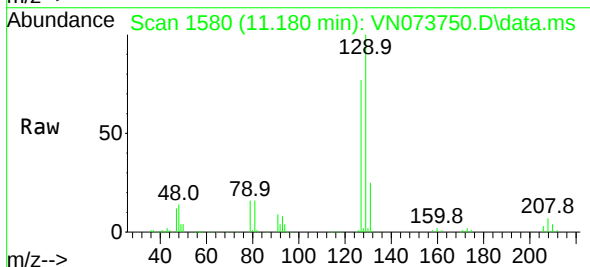
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/05/2022
Supervised By :Mahesh Dadoda 08/05/2022



#60
Dibromochloromethane
Concen: 53.038 ug/l
RT: 11.180 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VN073750.D
Acq: 04 Aug 2022 20:51

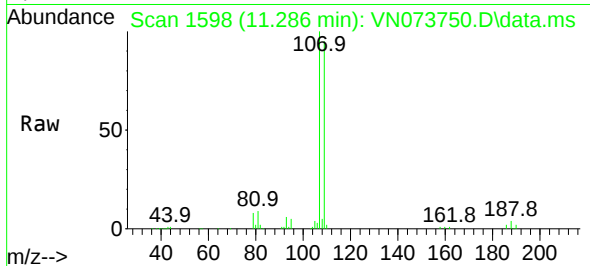
Tgt Ion:129 Resp: 251740
Ion Ratio Lower Upper
129 100
127 77.3 38.8 116.4





#61
1,2-Dibromoethane
Concen: 50.276 ug/l
RT: 11.286 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VN073750.D
Acq: 04 Aug 2022 20:51

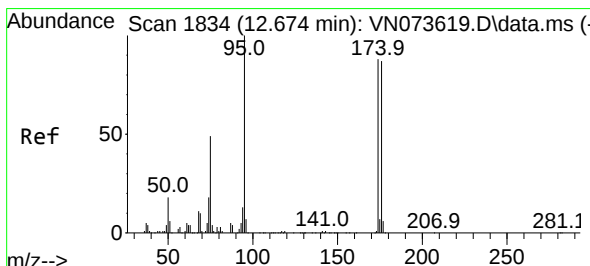
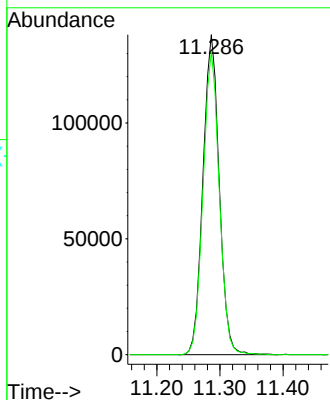
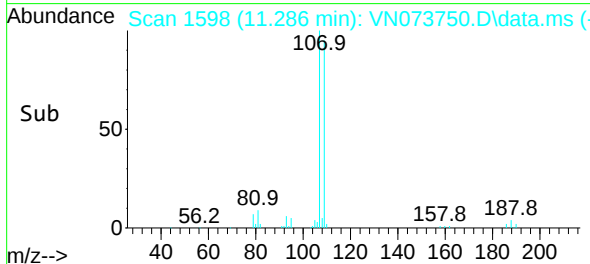
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



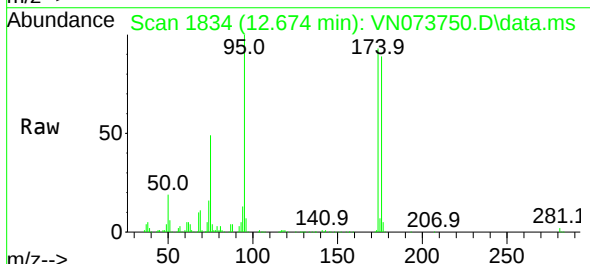
Tgt Ion:107 Resp: 247044
Ion Ratio Lower Upper
107 100
109 94.6 75.0 112.6

Manual Integrations
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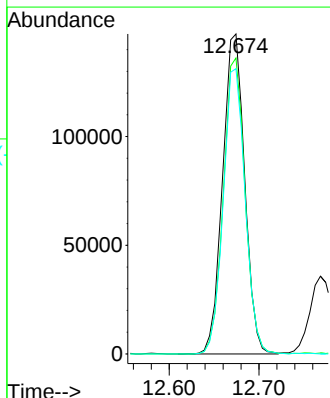
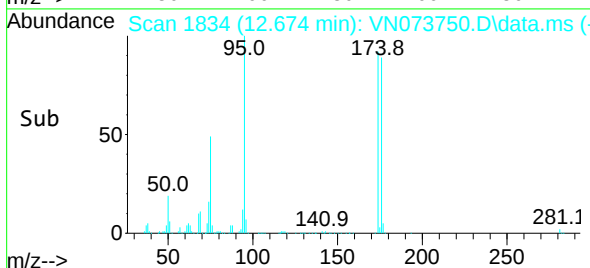
Reviewed By :John Carlone 08/05/2022
Supervised By :Mahesh Dadoda 08/05/2022

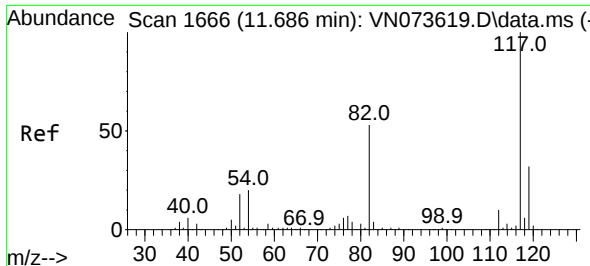


#62
4-Bromofluorobenzene
Concen: 47.668 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073750.D
Acq: 04 Aug 2022 20:51



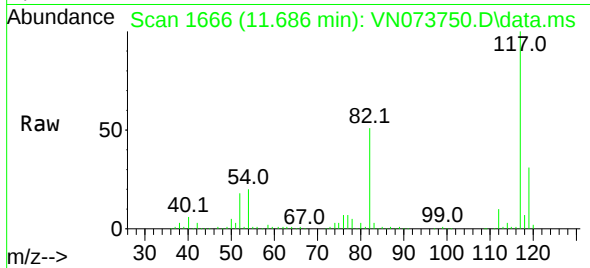
Tgt Ion: 95 Resp: 251342
Ion Ratio Lower Upper
95 100
174 91.0 0.0 167.6
176 88.4 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN073750.D
Acq: 04 Aug 2022 20:51

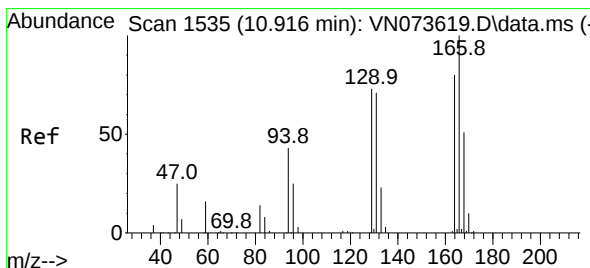
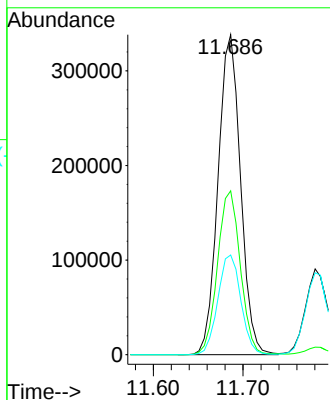
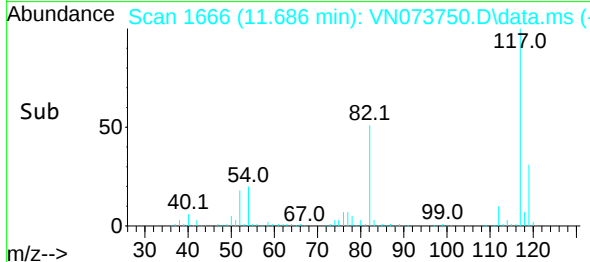
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 588879
Ion Ratio Lower Upper
117 100
82 51.2 44.2 66.2
119 31.1 25.4 38.0

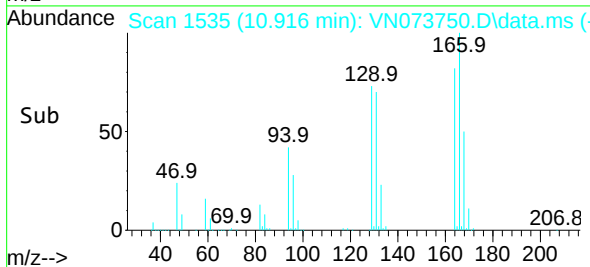
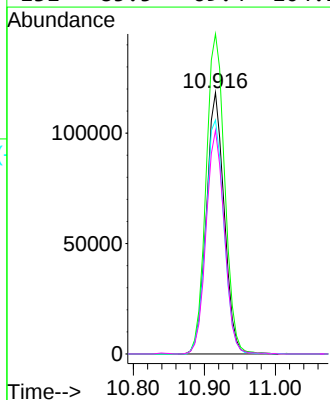
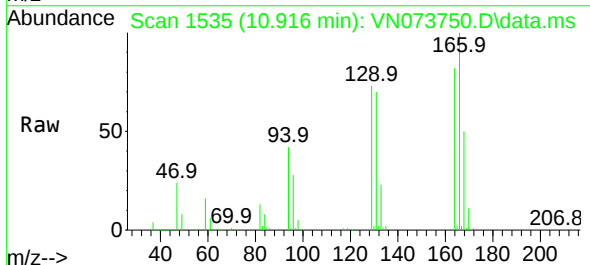
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/05/2022
Supervised By :Mahesh Dadoda 08/05/2022



#64
Tetrachloroethene
Concen: 44.281 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. -0.000 min
Lab File: VN073750.D
Acq: 04 Aug 2022 20:51

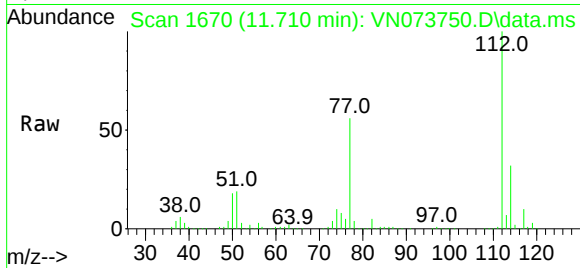
Tgt Ion:164 Resp: 207235
Ion Ratio Lower Upper
164 100
166 122.4 104.2 156.2
129 89.5 73.9 110.9
131 85.5 69.4 104.2





#65
Chlorobenzene
Concen: 48.593 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VN073750.D
Acq: 04 Aug 2022 20:51

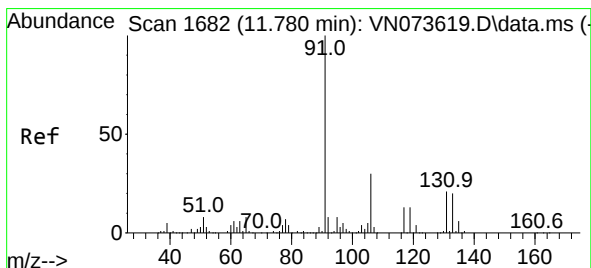
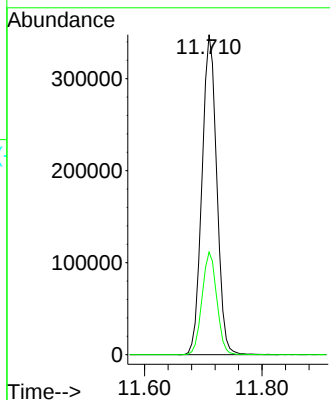
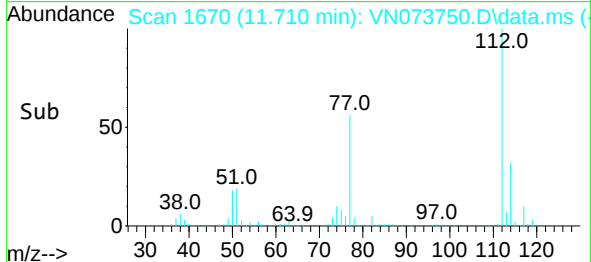
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



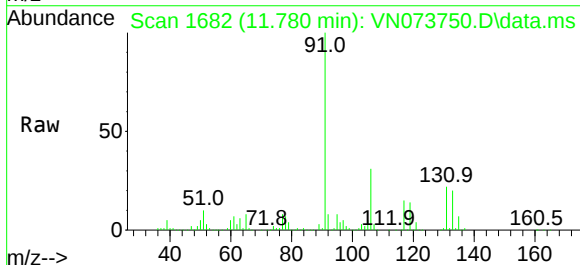
Tgt Ion:112 Resp: 607814
Ion Ratio Lower Upper
112 100
114 32.1 25.4 38.2

Manual Integrations
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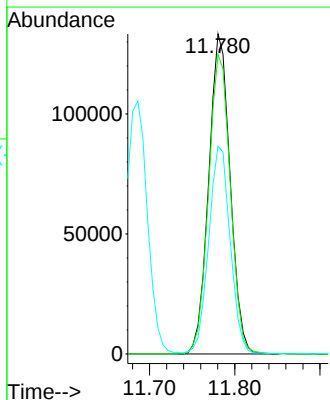
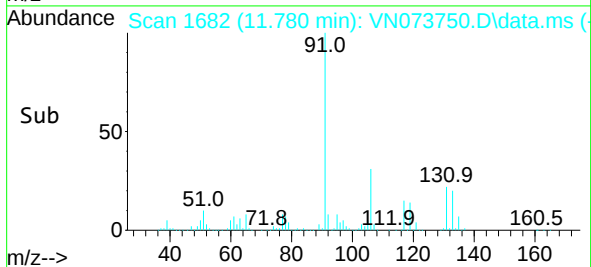
Reviewed By :John Carlone 08/05/2022
Supervised By :Mahesh Dadoda 08/05/2022

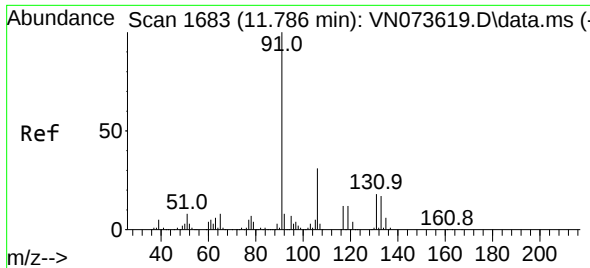


#66
1,1,1,2-Tetrachloroethane
Concen: 51.814 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VN073750.D
Acq: 04 Aug 2022 20:51



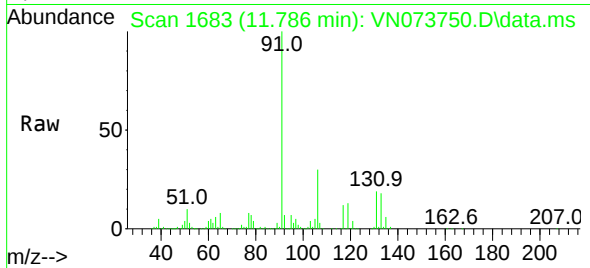
Tgt Ion:131 Resp: 232462
Ion Ratio Lower Upper
131 100
133 95.1 47.8 143.4
119 65.4 33.4 100.2





#67
Ethyl Benzene
Concen: 51.104 ug/l
RT: 11.786 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VN073750.D
Acq: 04 Aug 2022 20:51

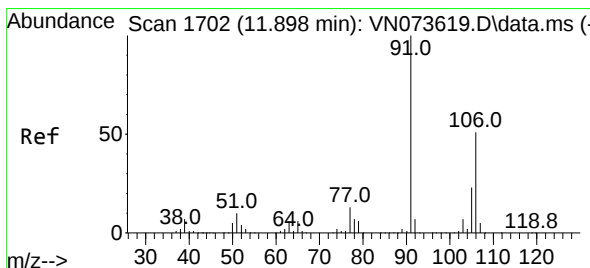
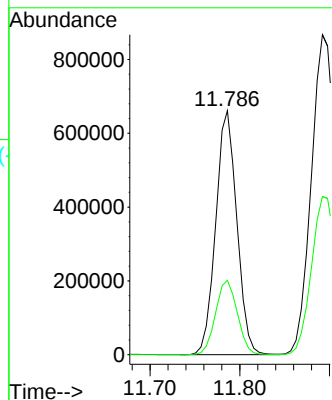
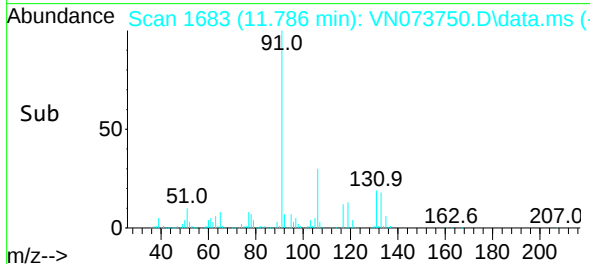
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



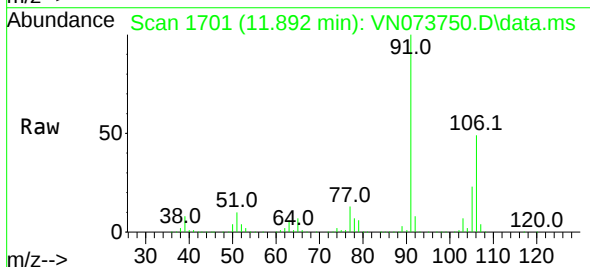
Tgt Ion: 91 Resp: 1078394
Ion Ratio Lower Upper
91 100
106 30.5 24.9 37.3

Manual Integrations
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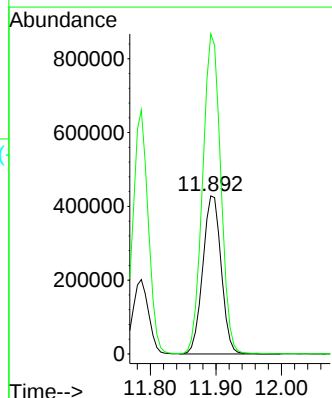
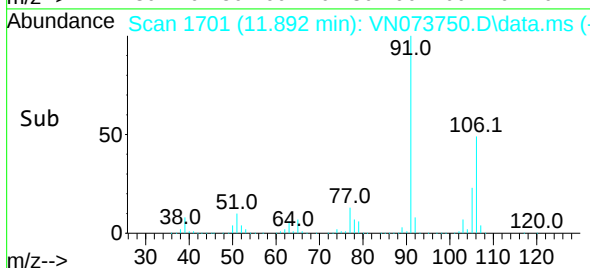
Reviewed By :John Carlone 08/05/2022
Supervised By :Mahesh Dadoda 08/05/2022

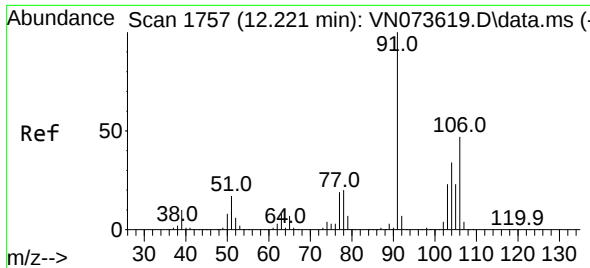


#68
m/p-Xylenes
Concen: 103.821 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN073750.D
Acq: 04 Aug 2022 20:51



Tgt Ion:106 Resp: 835588
Ion Ratio Lower Upper
106 100
91 199.8 158.9 238.3





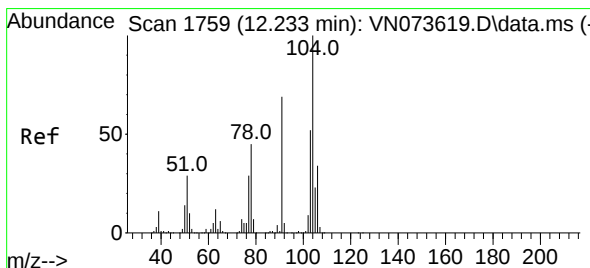
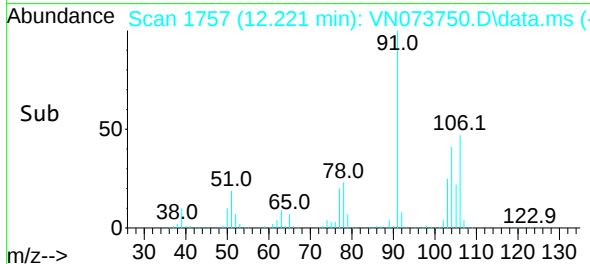
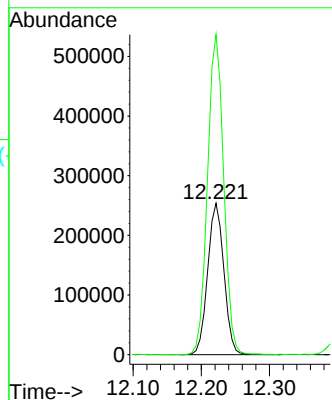
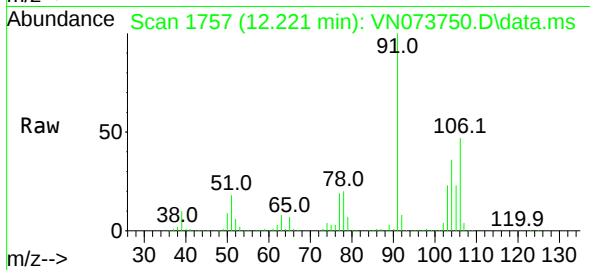
#69
o-Xylene
Concen: 53.599 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. -0.000 min
Lab File: VN073750.D
Acq: 04 Aug 2022 20:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 420560
Ion Ratio Lower Upper
106 100
91 211.2 106.0 318.0

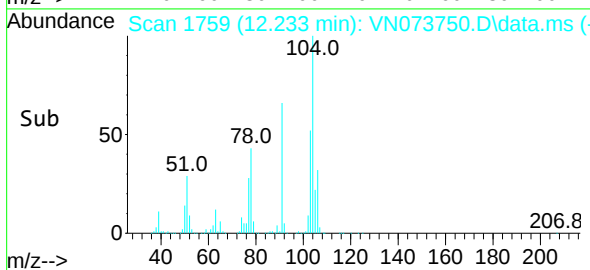
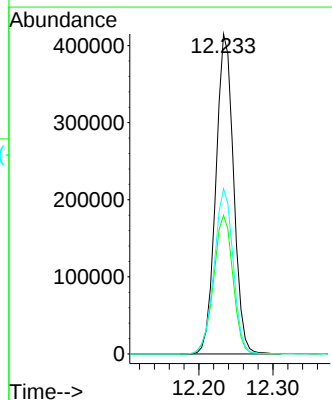
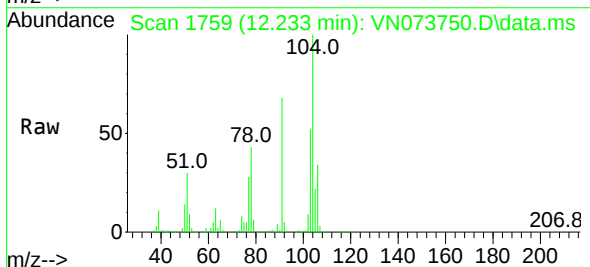
Manual Integrations
APPROVED

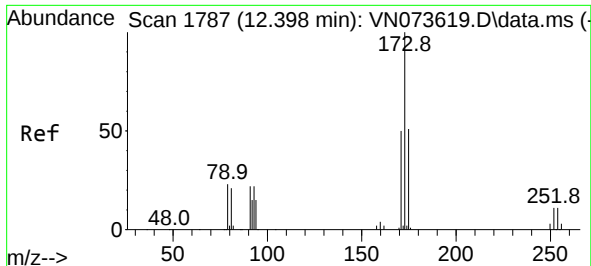
Reviewed By :John Carlone 08/05/2022
Supervised By :Mahesh Dadoda 08/05/2022



#70
Styrene
Concen: 54.983 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN073750.D
Acq: 04 Aug 2022 20:51

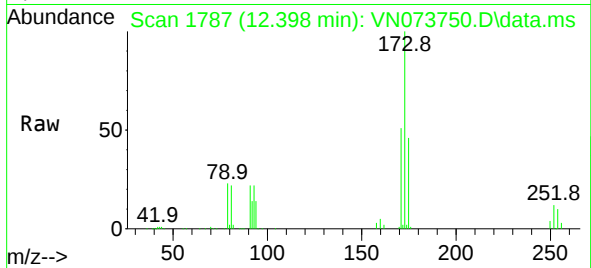
Tgt Ion:104 Resp: 690618
Ion Ratio Lower Upper
104 100
78 47.3 39.5 59.3
103 55.3 44.0 66.0





#71
Bromoform
Concen: 55.235 ug/l
RT: 12.398 min Scan# 1787
Delta R.T. 0.000 min
Lab File: VN073750.D
Acq: 04 Aug 2022 20:51

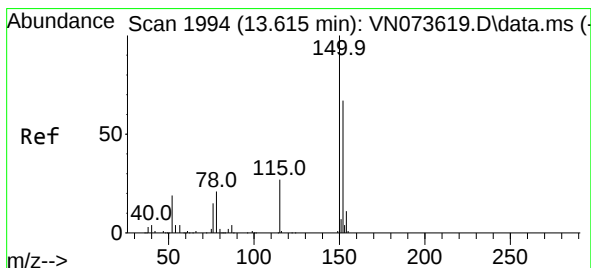
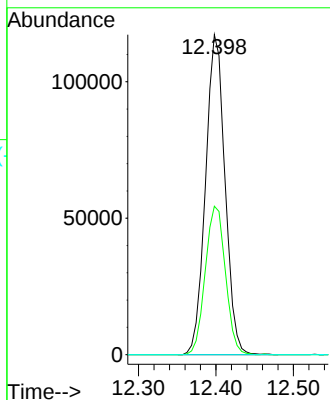
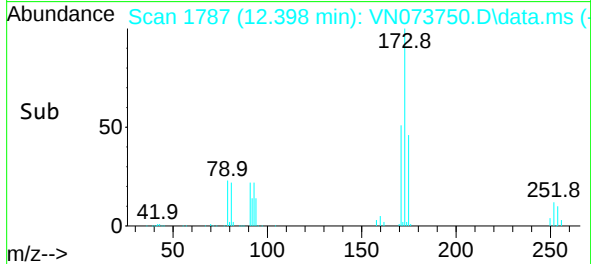
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 204544
Ion Ratio Lower Upper
173 100
175 48.0 24.6 73.6
254 0.0 0.1 0.1

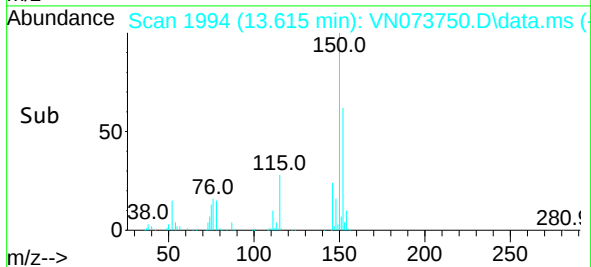
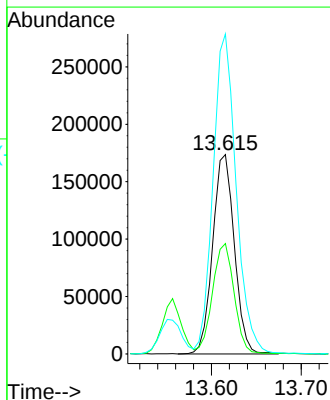
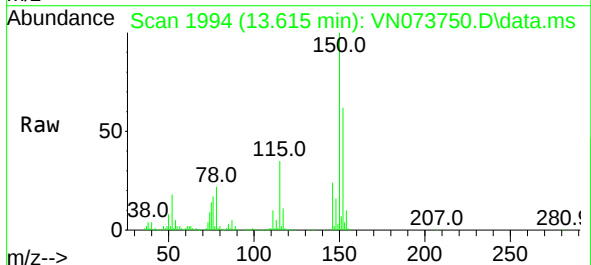
Manual Integrations
APPROVED

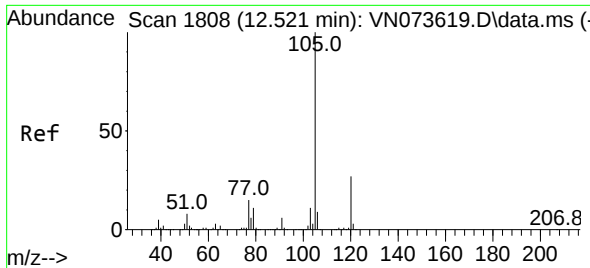
Reviewed By :John Carlone 08/05/2022
Supervised By :Mahesh Dadoda 08/05/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN073750.D
Acq: 04 Aug 2022 20:51

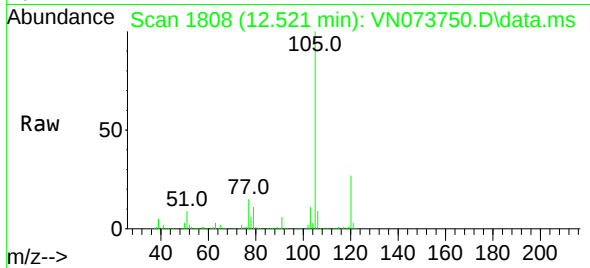
Tgt Ion:152 Resp: 291308
Ion Ratio Lower Upper
152 100
115 55.7 28.9 86.7
150 171.7 0.0 356.2





#73
Isopropylbenzene
Concen: 51.033 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN073750.D
Acq: 04 Aug 2022 20:51

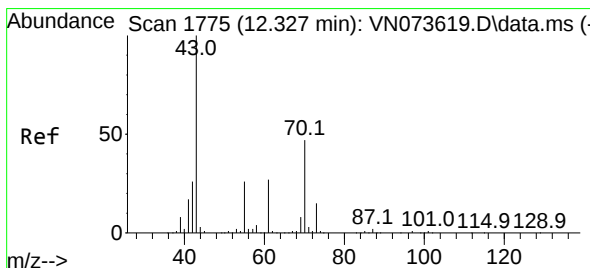
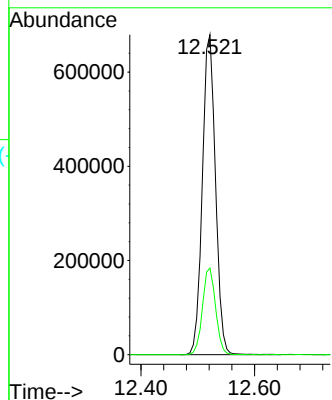
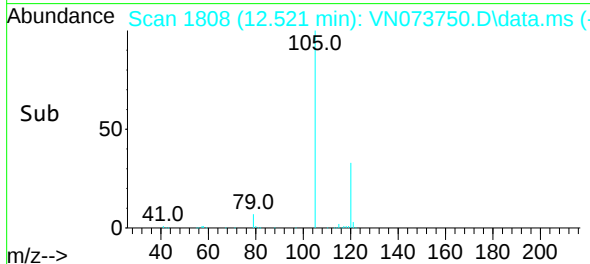
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 108824
Ion Ratio Lower Upper
105 100
120 27.1 13.5 40.4

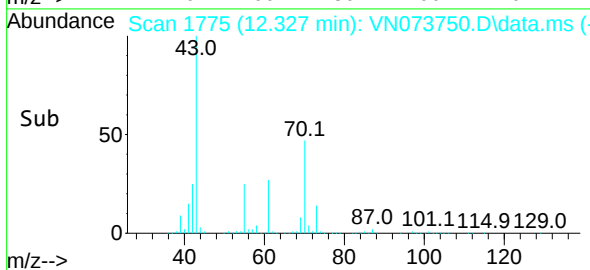
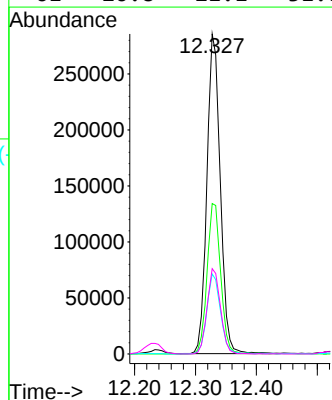
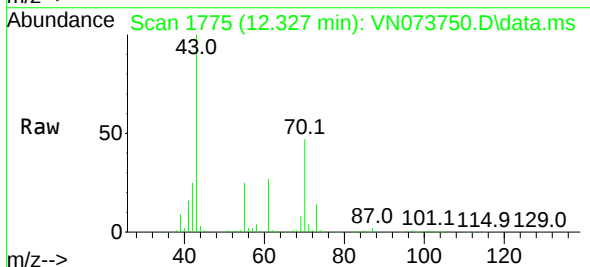
Manual Integrations
APPROVED

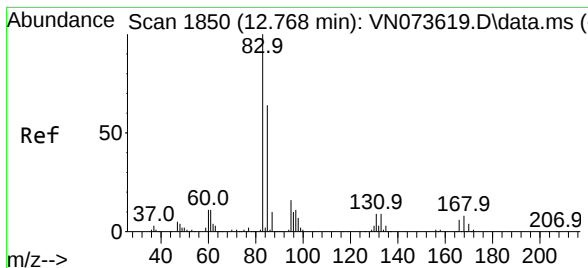
Reviewed By :John Carlone 08/05/2022
Supervised By :Mahesh Dadoda 08/05/2022



#74
N-ethyl acetate
Concen: 53.922 ug/l
RT: 12.327 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN073750.D
Acq: 04 Aug 2022 20:51

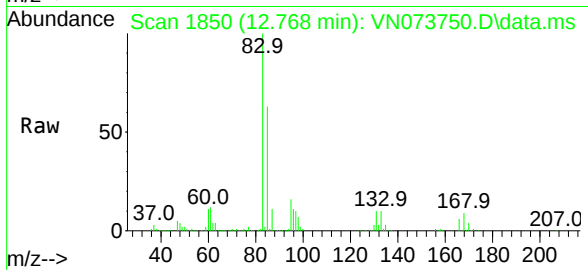
Tgt Ion: 43 Resp: 434447
Ion Ratio Lower Upper
43 100
70 47.8 39.0 58.4
55 25.7 21.1 31.7
61 26.8 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 46.916 ug/l
RT: 12.768 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VN073750.D
Acq: 04 Aug 2022 20:51

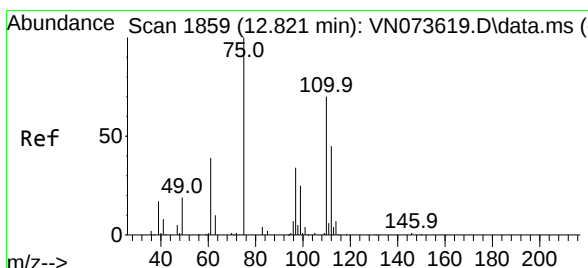
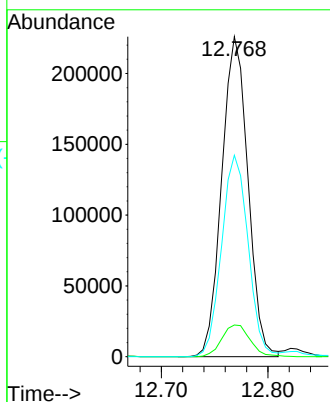
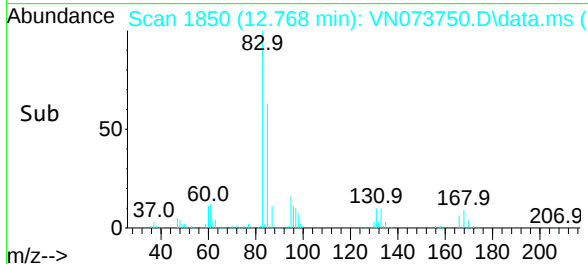
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 386062
Ion Ratio Lower Upper
83 100
131 10.7 5.3 15.9
85 63.8 32.3 96.9

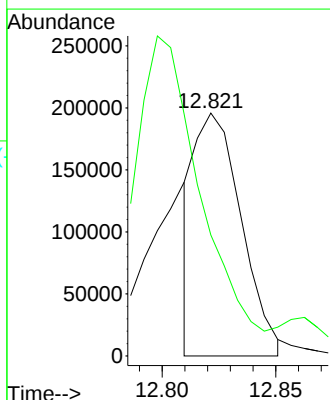
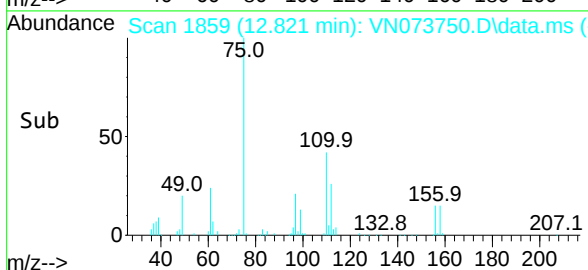
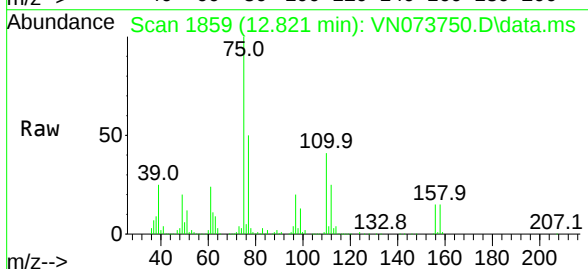
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/05/2022
Supervised By :Mahesh Dadoda 08/05/2022



#76
1,2,3-Trichloropropane
Concen: 52.770 ug/l m
RT: 12.821 min Scan# 1859
Delta R.T. 0.000 min
Lab File: VN073750.D
Acq: 04 Aug 2022 20:51

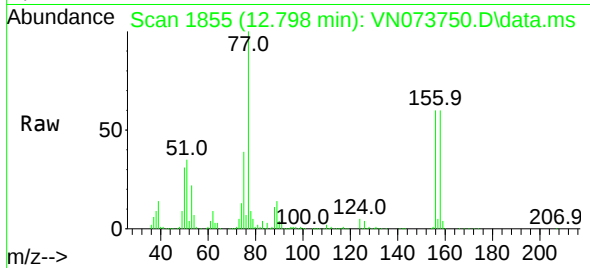
Tgt Ion: 75 Resp: 280654
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5#





#77
Bromobenzene
Concen: 48.864 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN073750.D
Acq: 04 Aug 2022 20:51

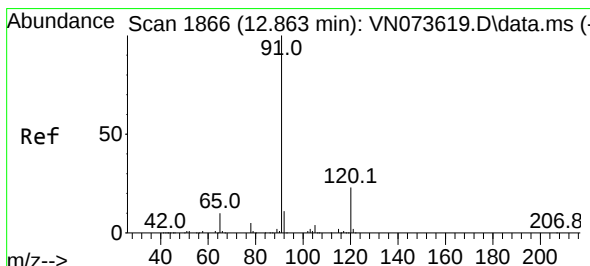
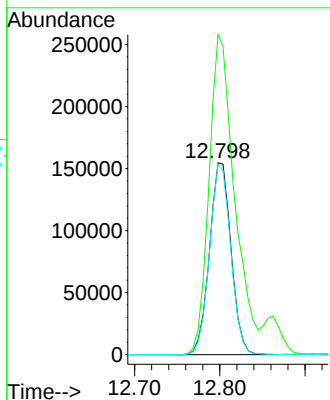
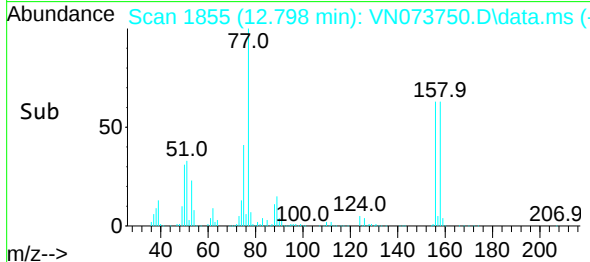
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



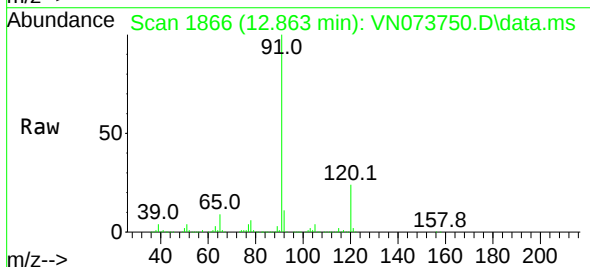
Tgt Ion: 156 Resp: 27135
Ion Ratio Lower Upper
156 100
77 197.2 100.5 301.5
158 97.6 48.9 146.6

Manual Integrations
APPROVED

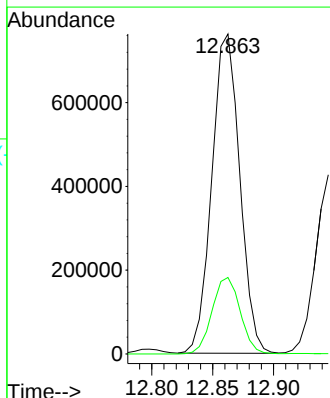
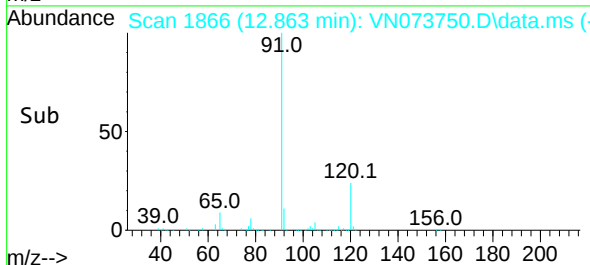
Reviewed By :John Carlone 08/05/2022
Supervised By :Mahesh Dadoda 08/05/2022

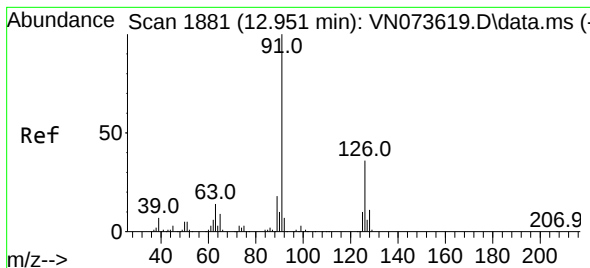


#78
n-propylbenzene
Concen: 50.751 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VN073750.D
Acq: 04 Aug 2022 20:51



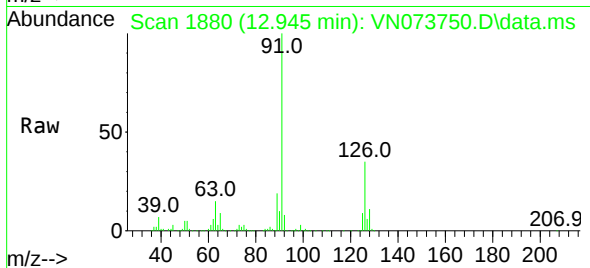
Tgt Ion: 91 Resp: 1217729
Ion Ratio Lower Upper
91 100
120 24.1 11.9 35.5





#79
2-Chlorotoluene
Concen: 49.028 ug/l
RT: 12.945 min Scan# 1880
Delta R.T. -0.006 min
Lab File: VN073750.D
Acq: 04 Aug 2022 20:51

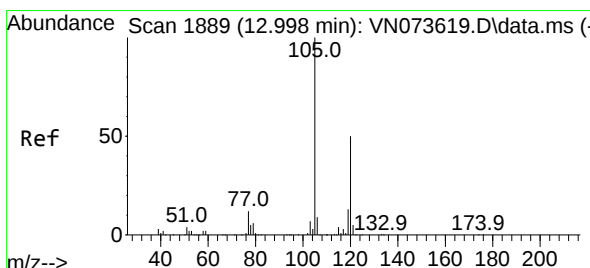
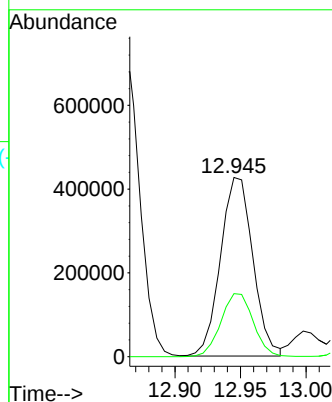
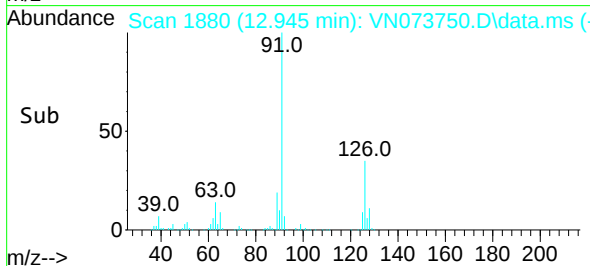
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



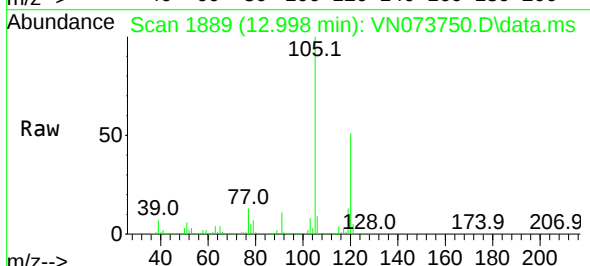
Tgt Ion: 91 Resp: 734218
Ion Ratio Lower Upper
91 100
126 35.3 17.3 51.9

Manual Integrations
APPROVED

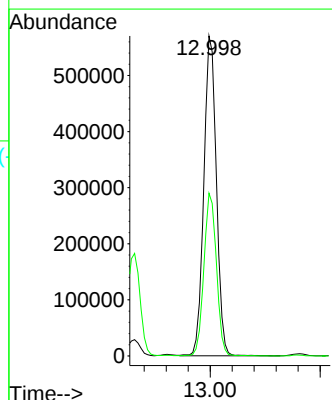
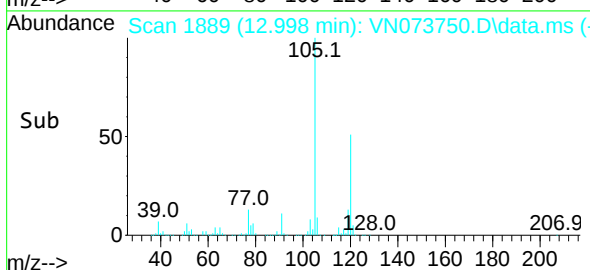
Reviewed By :John Carlone 08/05/2022
Supervised By :Mahesh Dadoda 08/05/2022

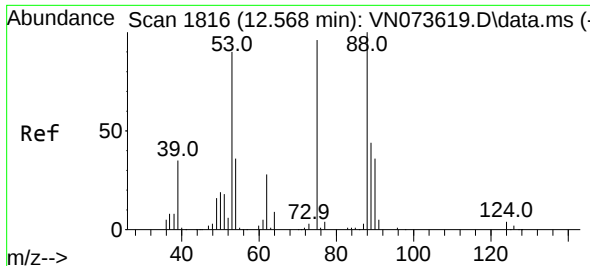


#80
1,3,5-Trimethylbenzene
Concen: 51.495 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VN073750.D
Acq: 04 Aug 2022 20:51



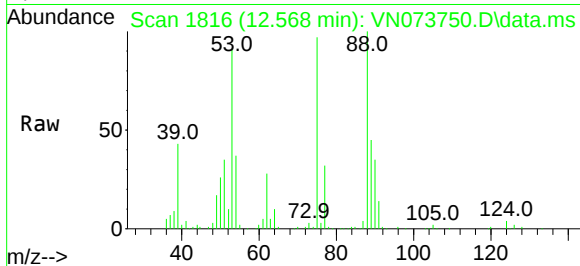
Tgt Ion:105 Resp: 903669
Ion Ratio Lower Upper
105 100
120 50.4 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 47.540 ug/l
RT: 12.568 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN073750.D
Acq: 04 Aug 2022 20:51

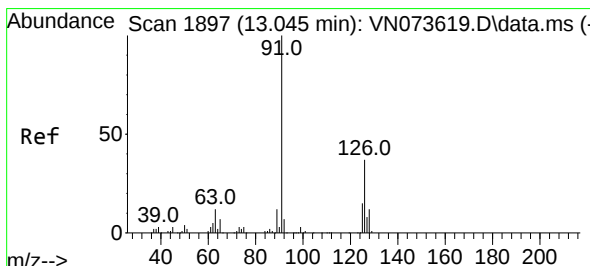
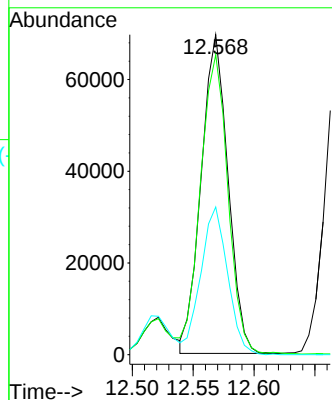
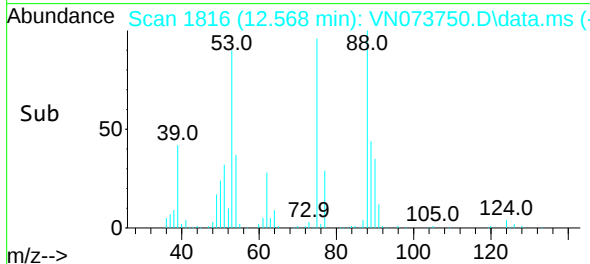
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



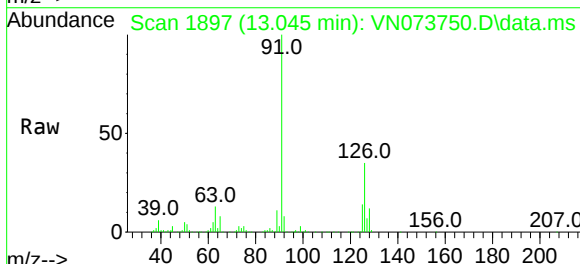
Tgt Ion: 75 Resp: 106861
Ion Ratio Lower Upper
75 100
53 96.3 78.0 117.0
89 46.6 37.2 55.8

Manual Integrations
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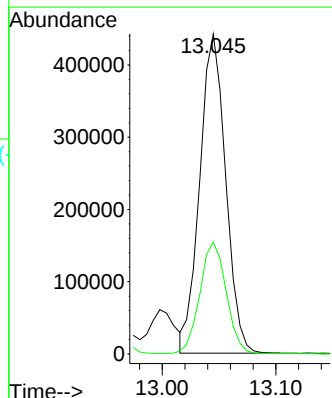
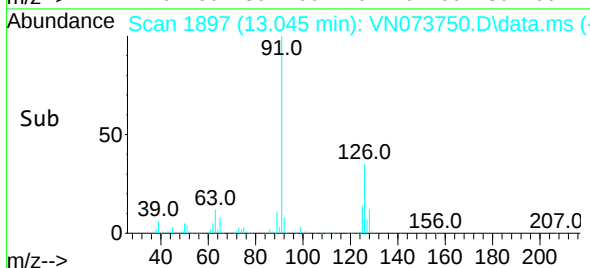
Reviewed By :John Carlone 08/05/2022
Supervised By :Mahesh Dadoda 08/05/2022

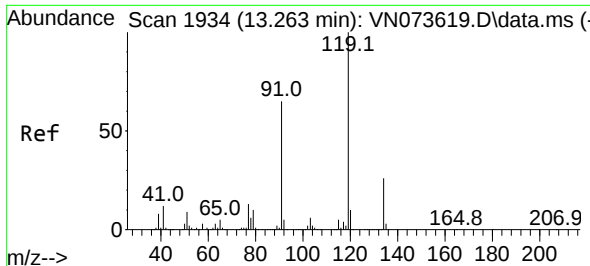


#82
4-Chlorotoluene
Concen: 49.294 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VN073750.D
Acq: 04 Aug 2022 20:51



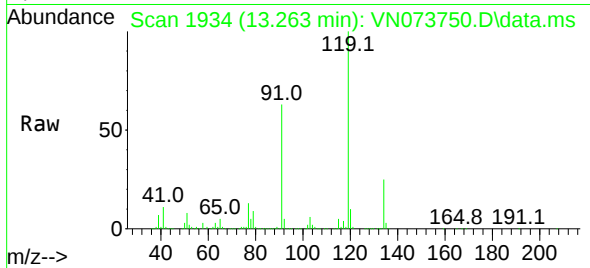
Tgt Ion: 91 Resp: 699641
Ion Ratio Lower Upper
91 100
126 36.0 17.2 51.6





#83
tert-Butylbenzene
Concen: 52.263 ug/l
RT: 13.263 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN073750.D
Acq: 04 Aug 2022 20:51

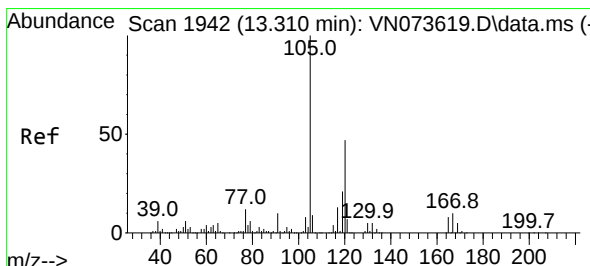
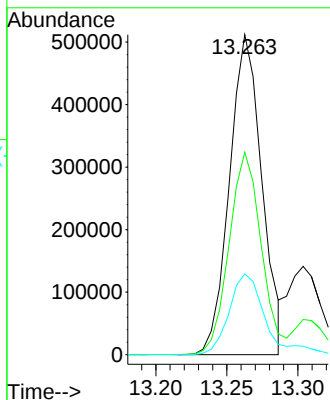
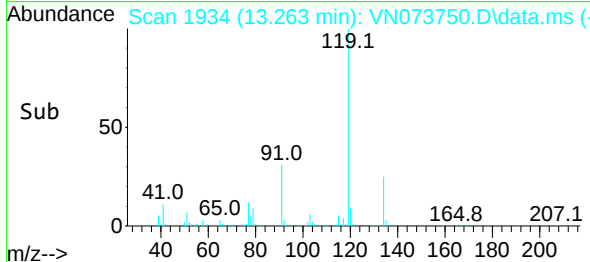
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



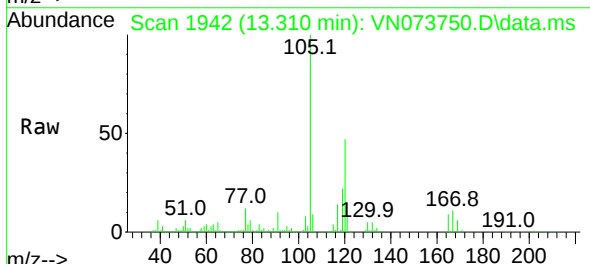
Tgt Ion:119 Resp: 81237
Ion Ratio Lower Upper
119 100
91 63.0 31.6 94.8
134 28.2 13.7 41.1

Manual Integrations
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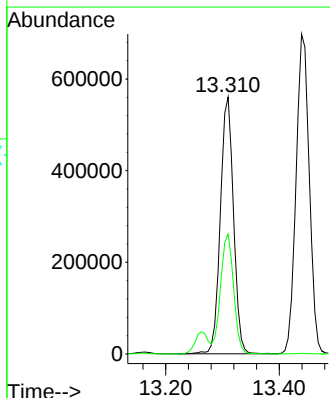
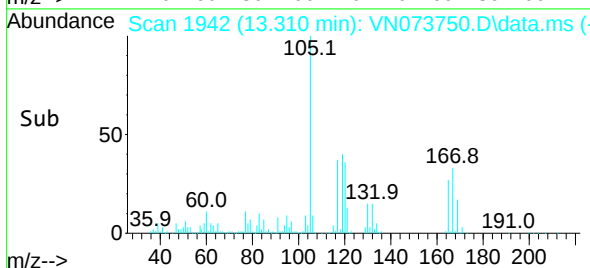
Reviewed By :John Carlone 08/05/2022
Supervised By :Mahesh Dadoda 08/05/2022



#84
1,2,4-Trimethylbenzene
Concen: 52.495 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. -0.000 min
Lab File: VN073750.D
Acq: 04 Aug 2022 20:51



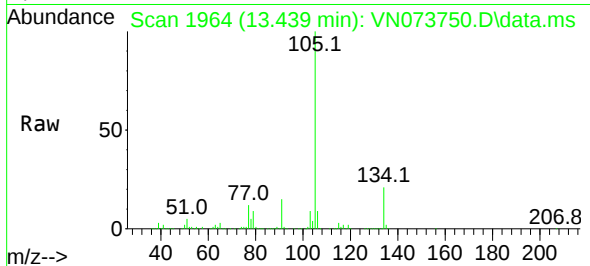
Tgt Ion:105 Resp: 905833
Ion Ratio Lower Upper
105 100
120 46.1 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 52.364 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. -0.000 min
 Lab File: VN073750.D
 Acq: 04 Aug 2022 20:51

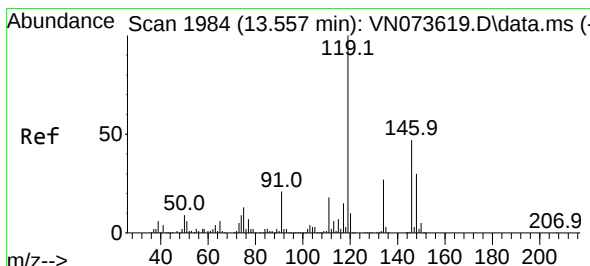
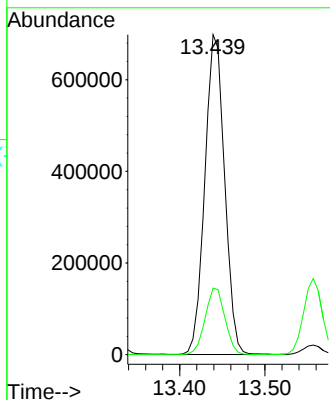
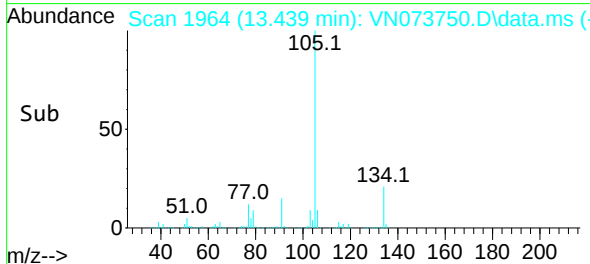
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



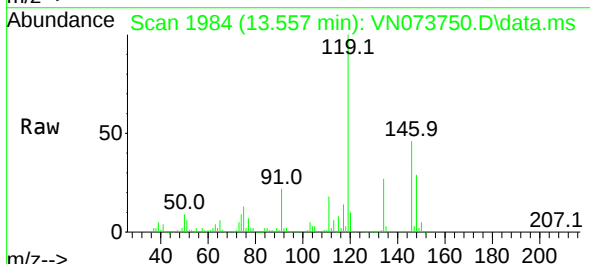
Tgt Ion:105 Resp: 1124964
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.4 31.1

Manual Integrations
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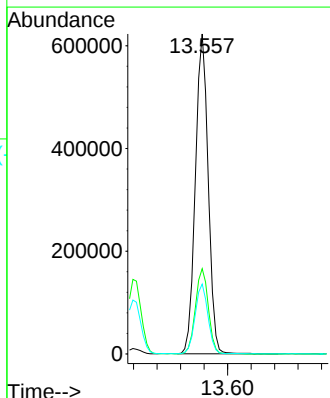
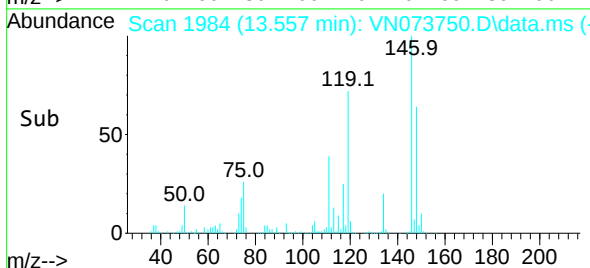
Reviewed By :John Carlone 08/05/2022
 Supervised By :Mahesh Dadoda 08/05/2022

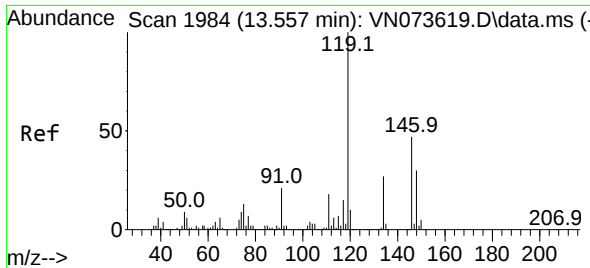


#86
 p-Isopropyltoluene
 Concen: 55.587 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN073750.D
 Acq: 04 Aug 2022 20:51



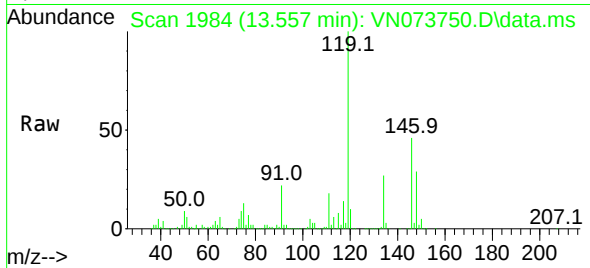
Tgt Ion:119 Resp: 941412
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.3 39.8
 91 21.7 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 47.402 ug/l
RT: 13.557 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VN073750.D
Acq: 04 Aug 2022 20:51

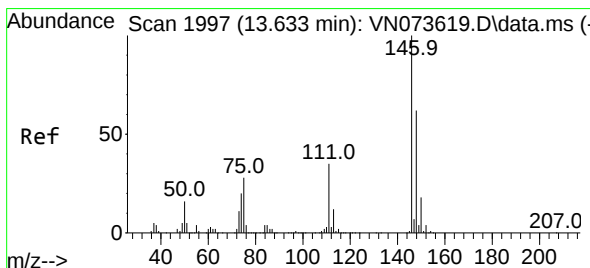
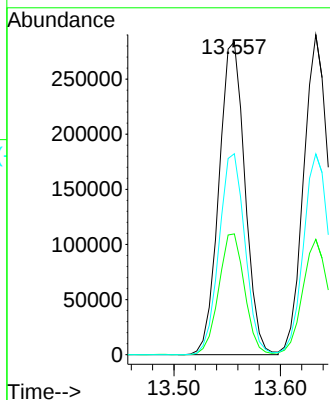
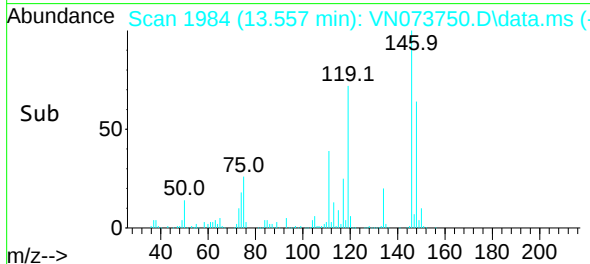
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



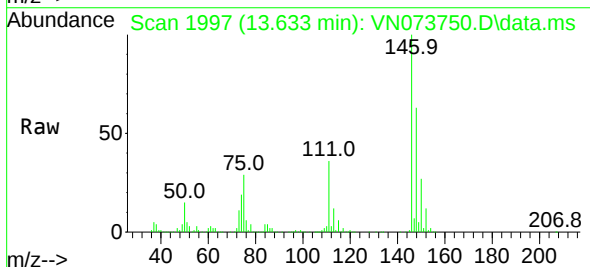
Tgt Ion:146 Resp: 480489
Ion Ratio Lower Upper
146 100
111 38.3 20.0 60.0
148 64.1 32.0 96.0

Manual Integrations
APPROVED

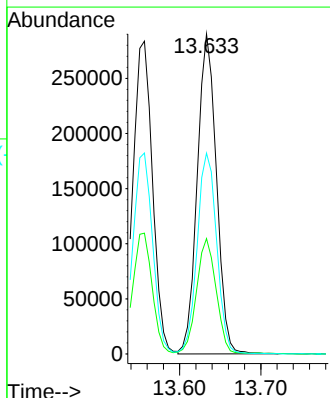
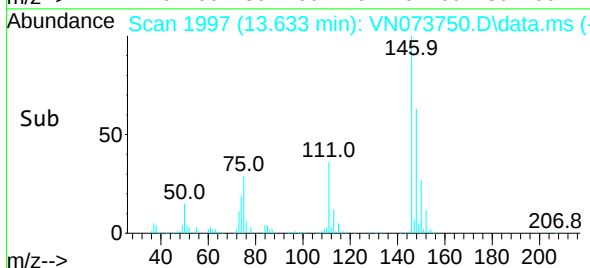
Reviewed By :John Carlone 08/05/2022
Supervised By :Mahesh Dadoda 08/05/2022

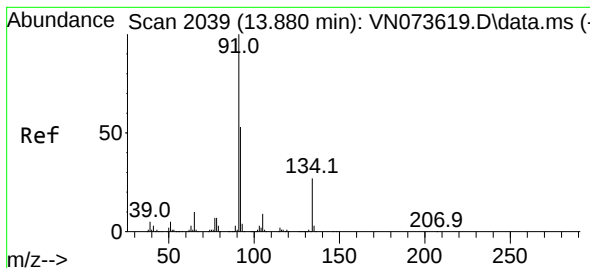


#88
1,4-Dichlorobenzene
Concen: 46.974 ug/l
RT: 13.633 min Scan# 1997
Delta R.T. 0.000 min
Lab File: VN073750.D
Acq: 04 Aug 2022 20:51



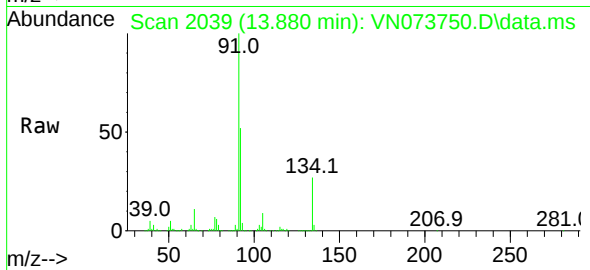
Tgt Ion:146 Resp: 476413
Ion Ratio Lower Upper
146 100
111 36.4 19.1 57.1
148 64.2 31.4 94.3





#89
n-Butylbenzene
Concen: 53.034 ug/l
RT: 13.880 min Scan# 2039
Delta R.T. -0.000 min
Lab File: VN073750.D
Acq: 04 Aug 2022 20:51

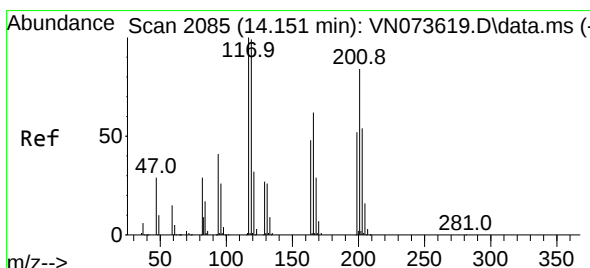
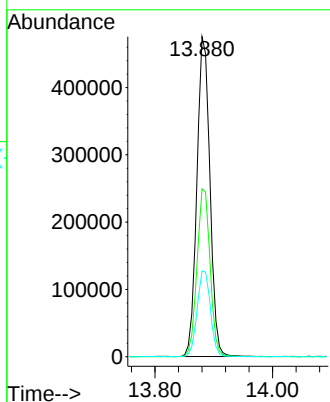
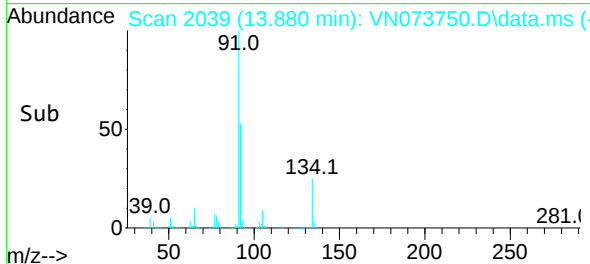
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 73080
Ion Ratio Lower Upper
91 100
92 52.9 26.9 80.7
134 27.4 13.6 40.8

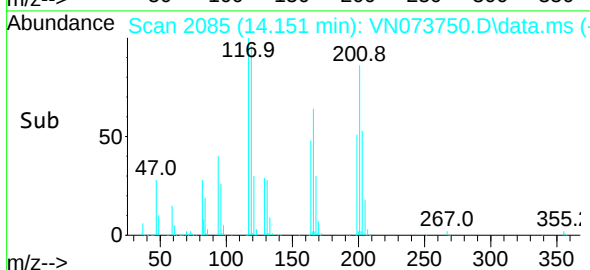
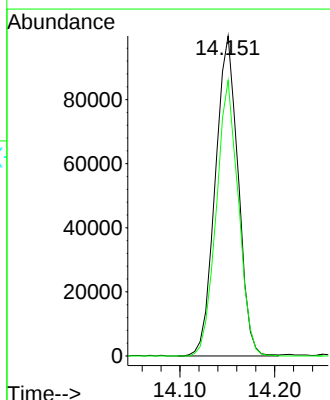
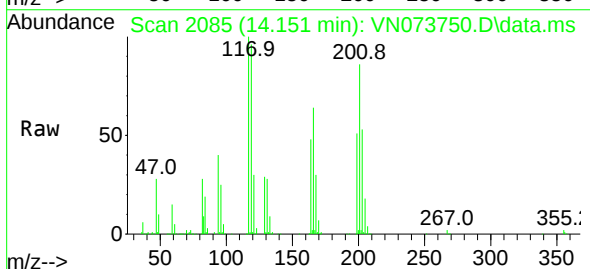
Manual Integrations
APPROVED

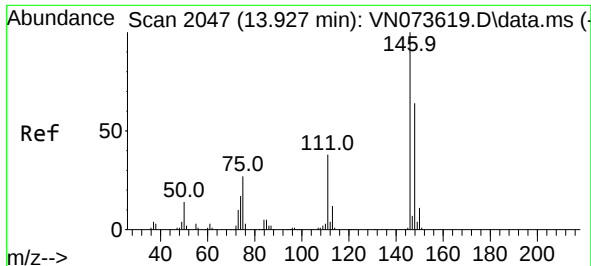
Reviewed By :John Carlone 08/05/2022
Supervised By :Mahesh Dadoda 08/05/2022



#90
Hexachloroethane
Concen: 49.737 ug/l
RT: 14.151 min Scan# 2085
Delta R.T. 0.000 min
Lab File: VN073750.D
Acq: 04 Aug 2022 20:51

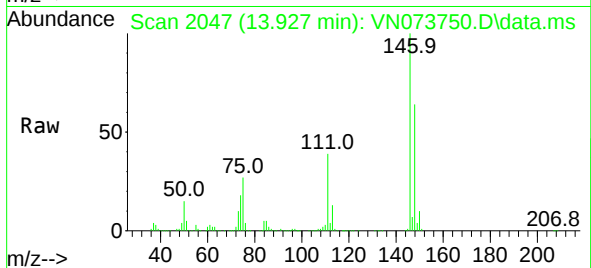
Tgt Ion:117 Resp: 167126
Ion Ratio Lower Upper
117 100
201 83.4 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 48.359 ug/l
RT: 13.927 min Scan# 2047
Delta R.T. 0.000 min
Lab File: VN073750.D
Acq: 04 Aug 2022 20:51

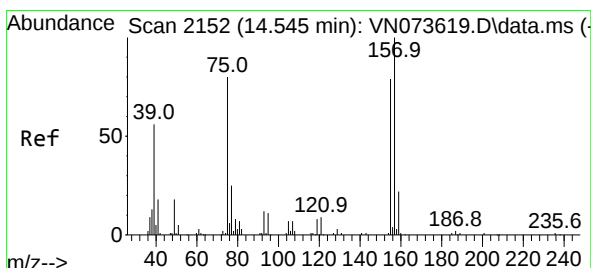
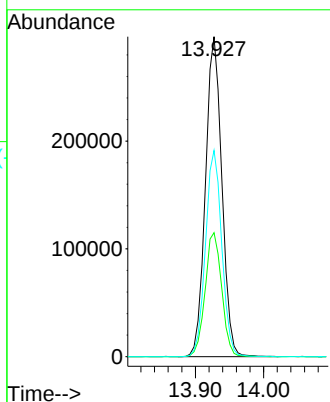
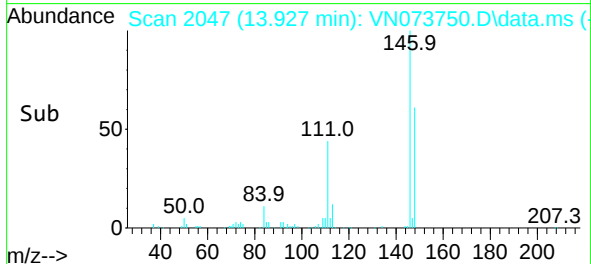
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:146 Resp: 496720
Ion Ratio Lower Upper
146 100
111 39.2 20.9 62.8
148 64.0 32.1 96.3

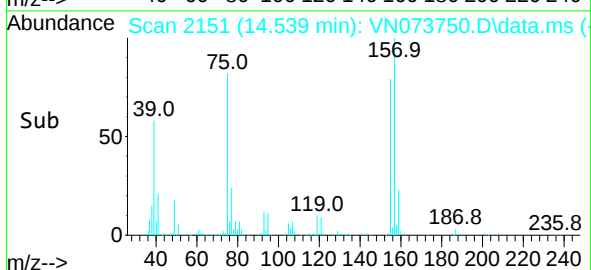
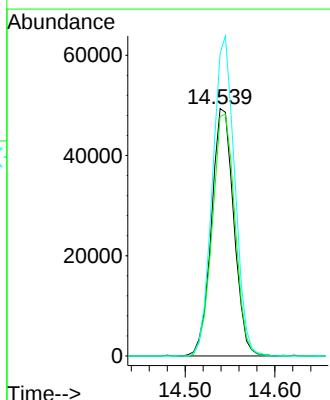
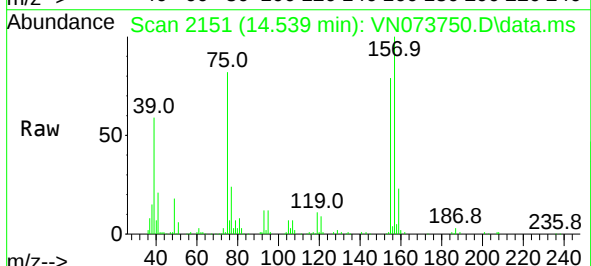
Manual Integrations
APPROVED

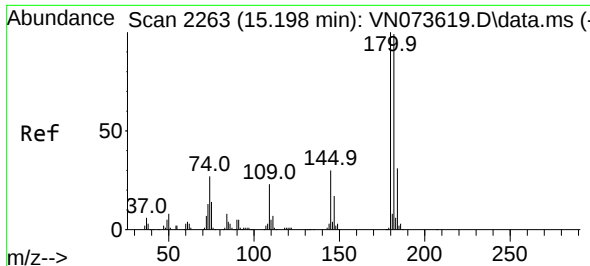
Reviewed By :John Carlone 08/05/2022
Supervised By :Mahesh Dadoda 08/05/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.584 ug/l
RT: 14.539 min Scan# 2151
Delta R.T. -0.006 min
Lab File: VN073750.D
Acq: 04 Aug 2022 20:51

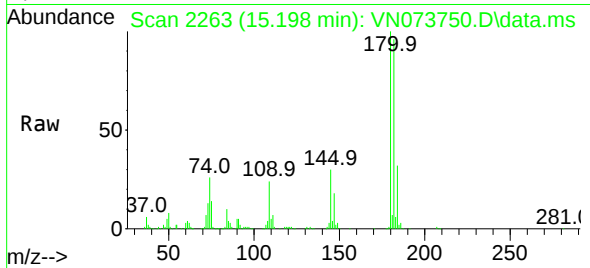
Tgt Ion: 75 Resp: 85285
Ion Ratio Lower Upper
75 100
155 99.1 44.9 134.5
157 128.2 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 54.630 ug/l
RT: 15.198 min Scan# 2263
Delta R.T. 0.000 min
Lab File: VN073750.D
Acq: 04 Aug 2022 20:51

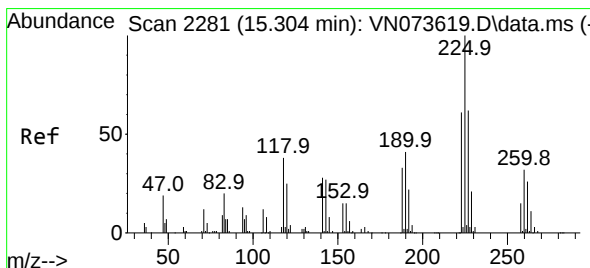
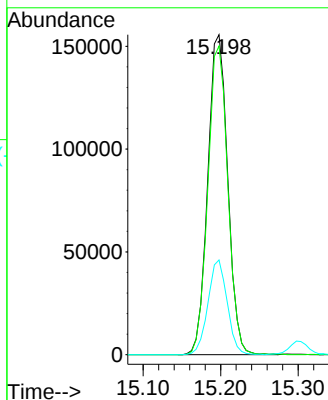
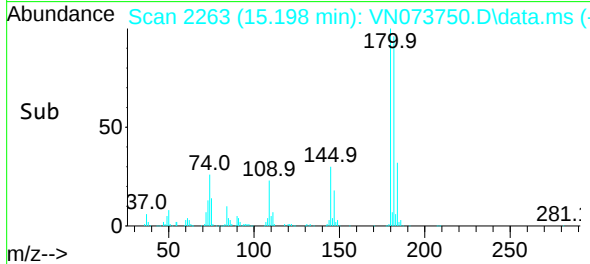
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



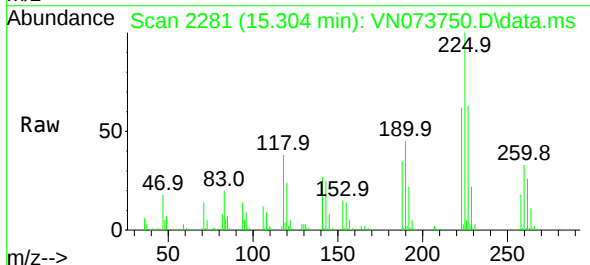
Tgt Ion:180 Resp: 27866
Ion Ratio Lower Upper
180 100
182 96.4 47.5 142.5
145 28.5 14.5 43.5

Manual Integrations
APPROVED

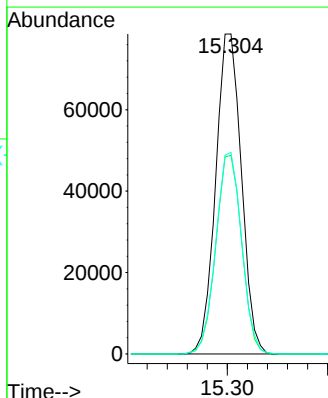
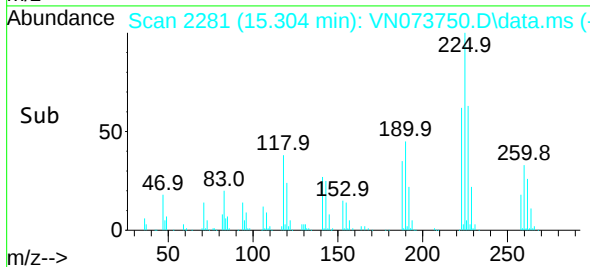
Reviewed By :John Carlone 08/05/2022
Supervised By :Mahesh Dadoda 08/05/2022



#94
Hexachlorobutadiene
Concen: 50.456 ug/l
RT: 15.304 min Scan# 2281
Delta R.T. -0.000 min
Lab File: VN073750.D
Acq: 04 Aug 2022 20:51



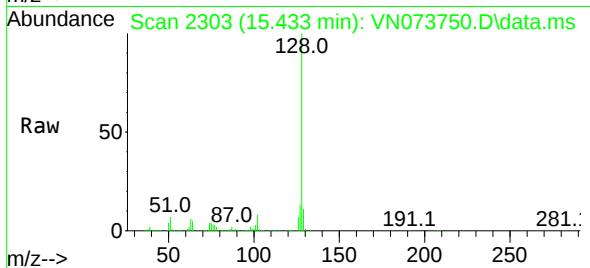
Tgt Ion:225 Resp: 139918
Ion Ratio Lower Upper
225 100
223 62.4 32.4 97.2
227 63.5 31.8 95.4





#95
Naphthalene
Concen: 60.346 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN073750.D
Acq: 04 Aug 2022 20:51

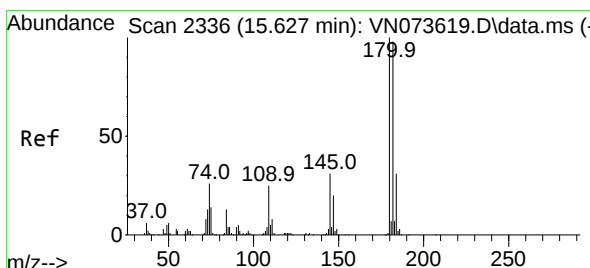
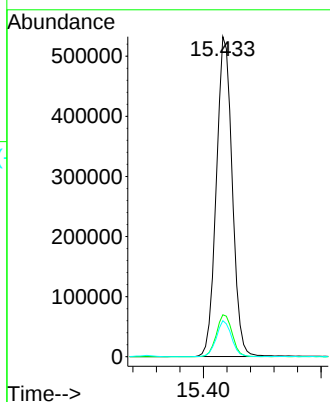
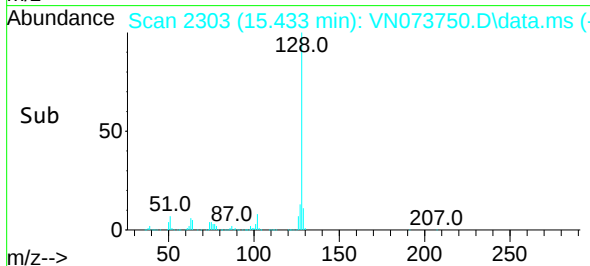
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



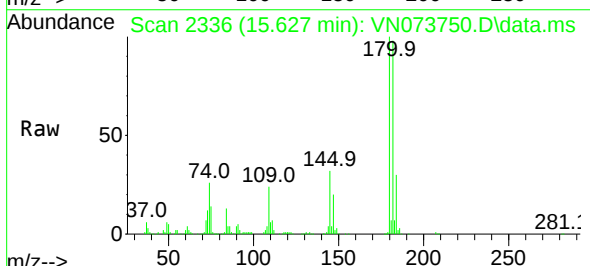
Tgt Ion:128 Resp: 998879
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/05/2022
Supervised By :Mahesh Dadoda 08/05/2022



#96
1,2,3-Trichlorobenzene
Concen: 55.062 ug/l
RT: 15.627 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VN073750.D
Acq: 04 Aug 2022 20:51



Tgt Ion:180 Resp: 295605
Ion Ratio Lower Upper
180 100
182 94.9 47.8 143.3
145 30.1 15.5 46.5

