

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072822\
 Data File : VN073622.D
 Acq On : 28 Jul 2022 13:22
 Operator : JC\MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/29/2022
 Supervised By : Mahesh Dadoda 07/29/2022

Quant Time: Jul 29 01:32:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 29 01:29:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	378220	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	623216	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	570715	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	266330	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	95913	20.809	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	41.620%#		
35) Dibromofluoromethane	7.951	113	81958	20.943	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	41.880%#		
50) Toluene-d8	10.380	98	323605	21.014	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	42.020%#		
62) 4-Bromofluorobenzene	12.674	95	99901	20.979	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	41.960%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	75426	20.889	ug/l	96
3) Chloromethane	2.269	50	103778	19.654	ug/l	100
4) Vinyl Chloride	2.404	62	126288	19.829	ug/l	96
5) Bromomethane	2.810	94	79132	21.266	ug/l	98
6) Chloroethane	2.969	64	83834	18.774	ug/l	97
7) Trichlorofluoromethane	3.316	101	138349	21.014	ug/l	100
8) Diethyl Ether	3.769	74	48342	20.022	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.146	101	71572	19.076	ug/l	99
10) Methyl Iodide	4.346	142	71013	19.094	ug/l	97
11) Tert butyl alcohol	5.293	59	102632	103.247	ug/l	100
12) 1,1-Dichloroethene	4.116	96	70634	20.070	ug/l	91
13) Acrolein	3.981	56	92694	94.059	ug/l	100
14) Allyl chloride	4.769	41	111249	19.102	ug/l	98
15) Acrylonitrile	5.475	53	276029	101.447	ug/l	100
16) Acetone	4.222	43	241817	97.952	ug/l	99
17) Carbon Disulfide	4.457	76	186737	19.343	ug/l	97
18) Methyl Acetate	4.775	43	119597	19.480	ug/l	100
19) Methyl tert-butyl Ether	5.534	73	249827	20.733	ug/l	99
20) Methylene Chloride	5.016	84	88107	17.943	ug/l	94
21) trans-1,2-Dichloroethene	5.522	96	76414	19.611	ug/l	96
22) Diisopropyl ether	6.410	45	246760	20.435	ug/l	99
23) Vinyl Acetate	6.351	43	1069341	104.394	ug/l	99
24) 1,1-Dichloroethane	6.304	63	148011	19.830	ug/l	97
25) 2-Butanone	7.263	43	387222	100.142	ug/l	99
26) 2,2-Dichloropropane	7.251	77	118171	19.636	ug/l	98
27) cis-1,2-Dichloroethene	7.251	96	94915	19.923	ug/l	96
28) Bromochloromethane	7.586	49	63110	20.056	ug/l	99
29) Tetrahydrofuran	7.616	42	248981	101.883	ug/l	99
30) Chloroform	7.745	83	153023	19.368	ug/l	100
31) Cyclohexane	8.028	56	135275	19.713	ug/l	98
32) 1,1,1-Trichloroethane	7.939	97	130665	19.926	ug/l	99
36) 1,1-Dichloropropene	8.151	75	108419	19.429	ug/l	99
37) Ethyl Acetate	7.339	43	139357	19.795	ug/l	97
38) Carbon Tetrachloride	8.133	117	109808	19.635	ug/l	97
39) Methylcyclohexane	9.398	83	133393	20.303	ug/l	96
40) Benzene	8.392	78	357281	19.890	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	64234	19.434	ug/l	95
42) 1,2-Dichloroethane	8.469	62	118476	19.302	ug/l	98
43) Isopropyl Acetate	8.498	43	200294	20.312	ug/l	100
44) Trichloroethene	9.151	130	89655	19.802	ug/l	100
45) 1,2-Dichloropropane	9.428	63	87055	19.370	ug/l	100
46) Dibromomethane	9.516	93	62746	20.033	ug/l	97
47) Bromodichloromethane	9.704	83	116995	19.604	ug/l	99
48) Methyl methacrylate	9.498	41	86971	20.428	ug/l	90
49) 1,4-Dioxane	9.510	88	49900	424.469	ug/l	99
51) 4-Methyl-2-Pentanone	10.275	43	723837	103.483	ug/l	99
52) Toluene	10.445	92	226365	20.738	ug/l	100
53) t-1,3-Dichloropropene	10.663	75	119470	20.142	ug/l	97
54) cis-1,3-Dichloropropene	10.133	75	135325	20.347	ug/l	99
55) 1,1,2-Trichloroethane	10.839	97	91581	19.672	ug/l	98
56) Ethyl methacrylate	10.704	69	134001	21.197	ug/l	99
57) 1,3-Dichloropropane	10.986	76	153662	19.811	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	286959	99.321	ug/l	99
59) 2-Hexanone	11.027	43	555665	104.123	ug/l	99
60) Dibromochloromethane	11.180	129	93287	20.133	ug/l	98
61) 1,2-Dibromoethane	11.286	107	92871	19.688	ug/l	99
64) Tetrachloroethene	10.916	164	86820	19.215	ug/l	97
65) Chlorobenzene	11.710	112	236179	19.444	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.780	131	85697	19.940	ug/l	100
67) Ethyl Benzene	11.786	91	411060	20.335	ug/l	99
68) m/p-Xylenes	11.892	106	319265	41.178	ug/l	99
69) o-Xylene	12.221	106	157310	20.908	ug/l	99
70) Styrene	12.233	104	255488	21.225	ug/l	98
71) Bromoform	12.398	173	70645	20.245	ug/l #	99
73) Isopropylbenzene	12.521	105	399978	20.437	ug/l	99
74) N-amyl acetate	12.333	43	148121	20.176	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.769	83	140375	18.613	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	125820m	19.938	ug/l	
77) Bromobenzene	12.798	156	98412	19.463	ug/l	99
78) n-propylbenzene	12.863	91	455242	20.967	ug/l	99
79) 2-Chlorotoluene	12.945	91	272244	20.069	ug/l	99
80) 1,3,5-Trimethylbenzene	12.998	105	338488	21.243	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.569	75	41194	20.045	ug/l	98
82) 4-Chlorotoluene	13.045	91	262395	20.198	ug/l	97
83) tert-Butylbenzene	13.263	119	297251	21.134	ug/l	98
84) 1,2,4-Trimethylbenzene	13.310	105	333918	21.364	ug/l	98
85) sec-Butylbenzene	13.445	105	405627	20.927	ug/l	100
86) p-Isopropyltoluene	13.557	119	329748	21.526	ug/l	98
87) 1,3-Dichlorobenzene	13.557	146	177851	19.553	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	179600	19.353	ug/l	98
89) n-Butylbenzene	13.886	91	255186	20.310	ug/l	98
90) Hexachloroethane	14.151	117	59948	19.075	ug/l	97
91) 1,2-Dichlorobenzene	13.927	146	183022	19.522	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.545	75	29103	19.582	ug/l	92
93) 1,2,4-Trichlorobenzene	15.198	180	95902	20.694	ug/l	97
94) Hexachlorobutadiene	15.304	225	48228	19.106	ug/l	100
95) Naphthalene	15.439	128	328016	21.764	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	100824	20.792	ug/l	99

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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

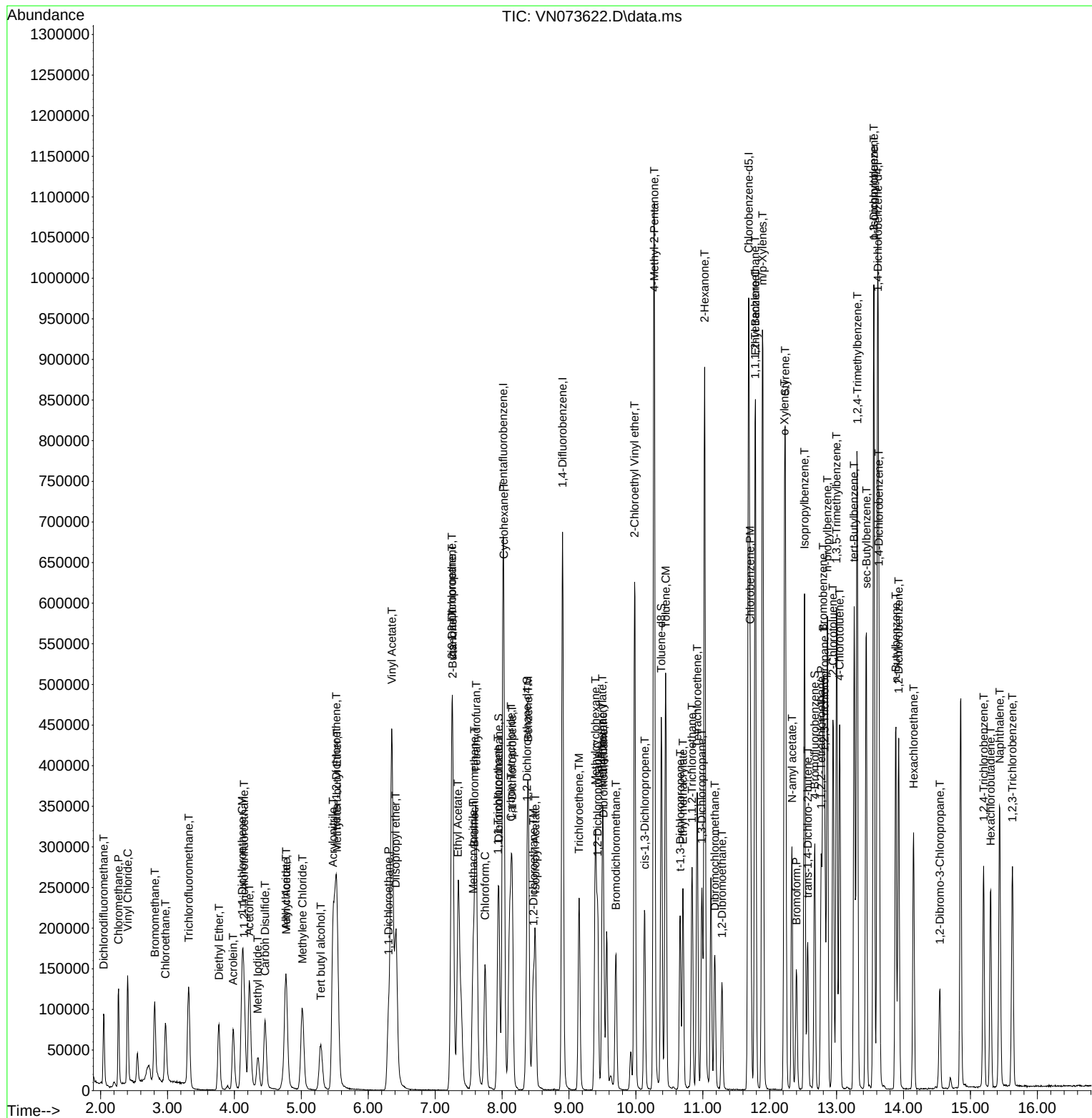
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072822\
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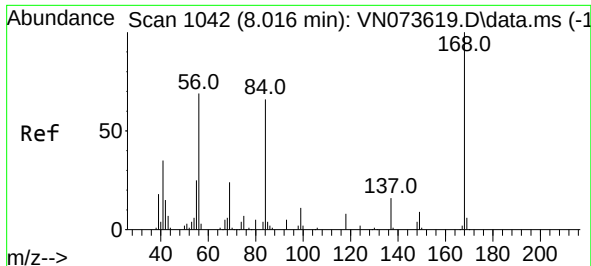
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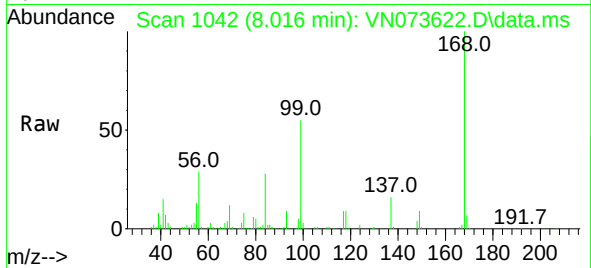
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073622.D
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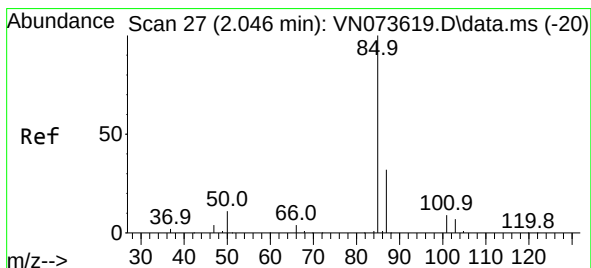
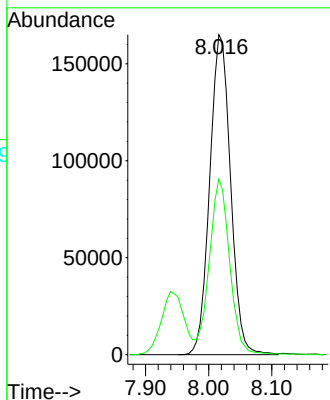
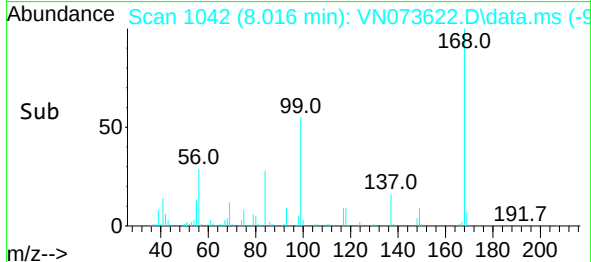
Instrument :
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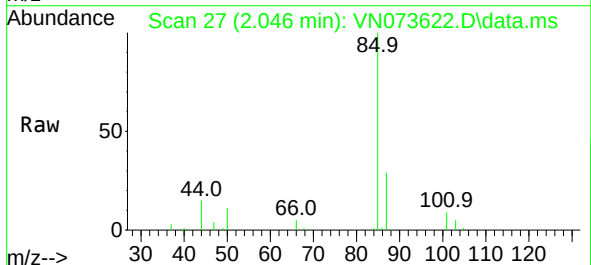
Tgt Ion:168 Resp: 378220
Ion Ratio Lower Upper
168 100
99 54.6 42.3 63.5

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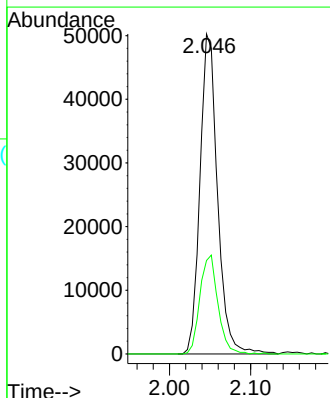
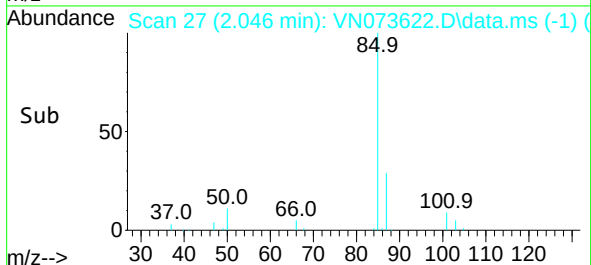
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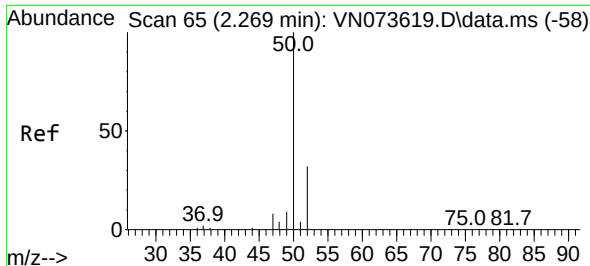


#2
Dichlorodifluoromethane
Concen: 20.889 ug/l
RT: 2.046 min Scan# 27
Delta R.T. 0.000 min
Lab File: VN073622.D
Acq: 28 Jul 2022 13:22



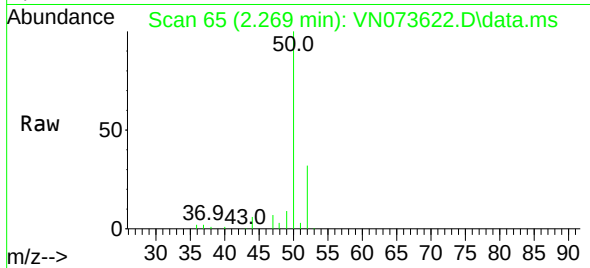
Tgt Ion: 85 Resp: 75426
Ion Ratio Lower Upper
85 100
87 29.2 15.7 47.1





#3
Chloromethane
Concen: 19.654 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN073622.D
Acq: 28 Jul 2022 13:22

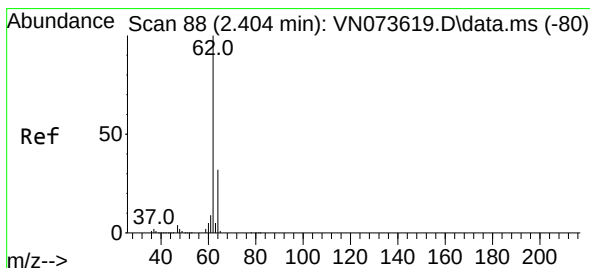
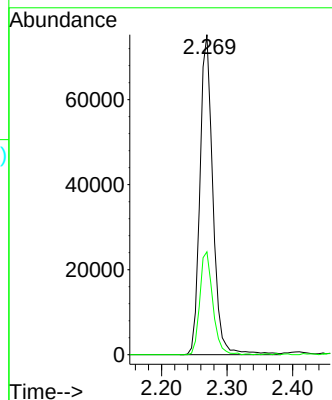
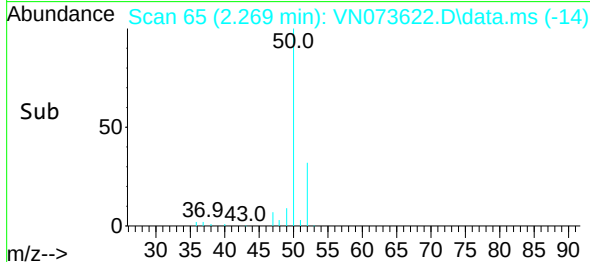
Instrument :
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Tgt Ion: 50 Resp: 103778
Ion Ratio Lower Upper
50 100
52 32.1 25.7 38.5

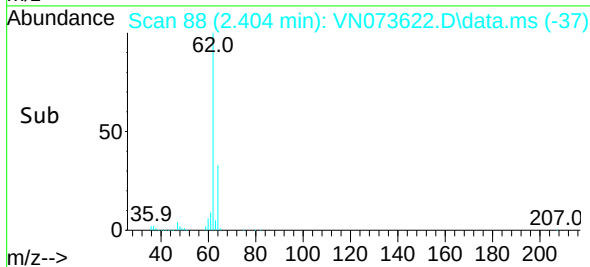
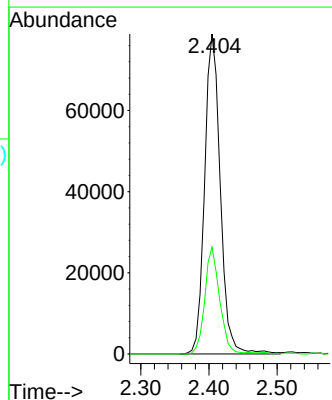
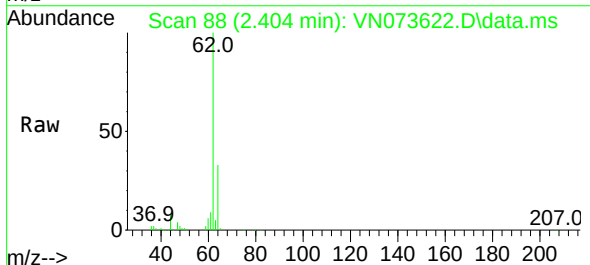
Manual Integrations
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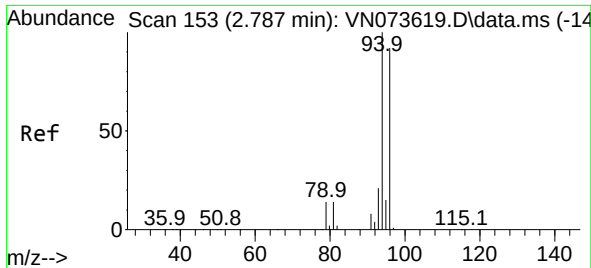
Reviewed By :John Carlone 07/29/2022
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#4
Vinyl Chloride
Concen: 19.829 ug/l
RT: 2.404 min Scan# 88
Delta R.T. 0.000 min
Lab File: VN073622.D
Acq: 28 Jul 2022 13:22

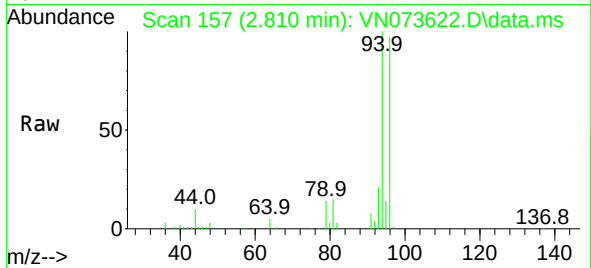
Tgt Ion: 62 Resp: 126288
Ion Ratio Lower Upper
62 100
64 33.3 25.0 37.4





#5
Bromomethane
Concen: 21.266 ug/l
RT: 2.810 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN073622.D
Acq: 28 Jul 2022 13:22

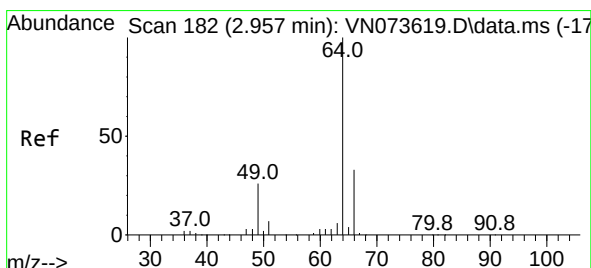
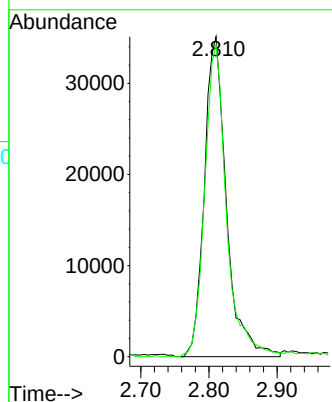
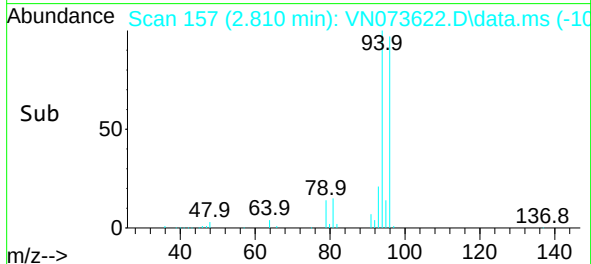
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Tgt Ion: 94 Resp: 7913
Ion Ratio Lower Upper
94 100
96 97.4 76.0 114.0

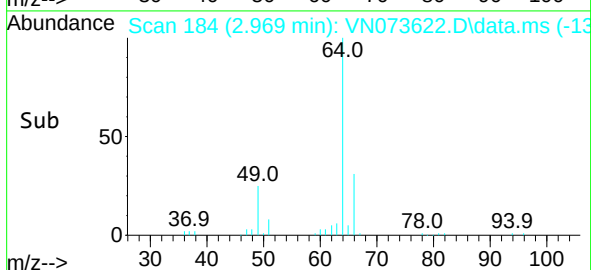
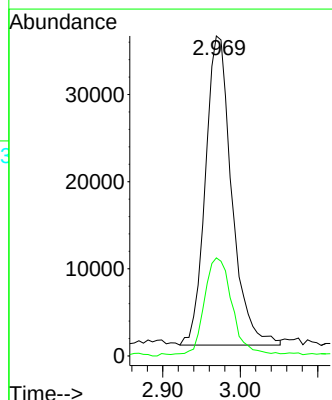
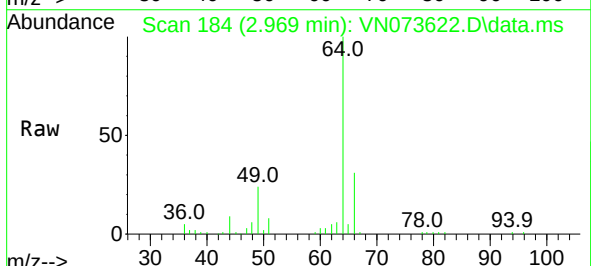
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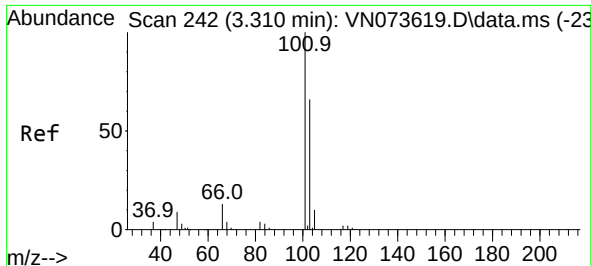
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#6
Chloroethane
Concen: 18.774 ug/l
RT: 2.969 min Scan# 184
Delta R.T. 0.012 min
Lab File: VN073622.D
Acq: 28 Jul 2022 13:22

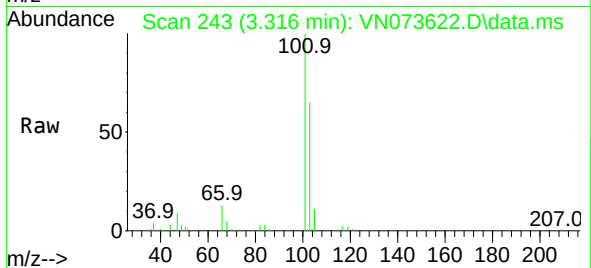
Tgt Ion: 64 Resp: 83834
Ion Ratio Lower Upper
64 100
66 31.0 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 21.014 ug/l
 RT: 3.316 min Scan# 24
 Delta R.T. 0.006 min
 Lab File: VN073622.D
 Acq: 28 Jul 2022 13:22

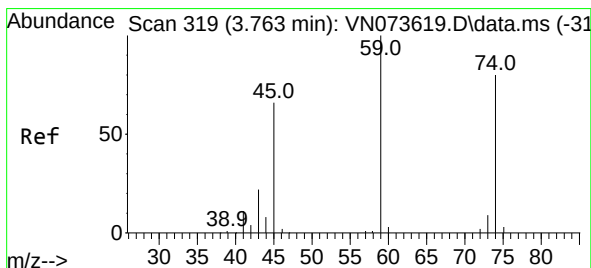
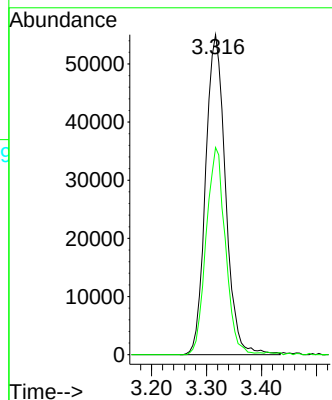
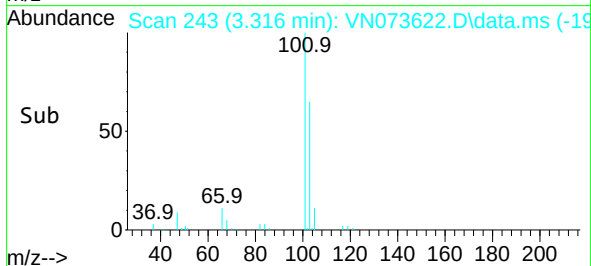
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Tgt Ion:101 Resp: 138349
 Ion Ratio Lower Upper
 101 100
 103 64.8 51.5 77.3

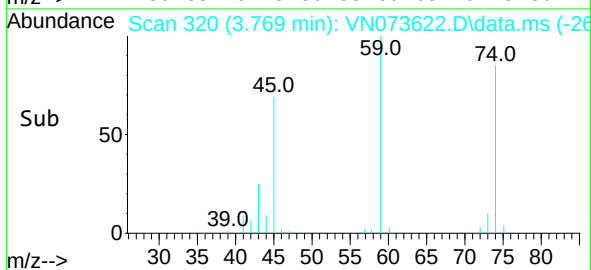
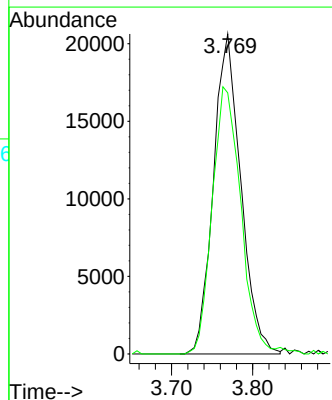
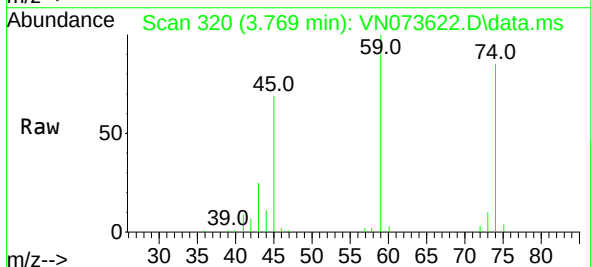
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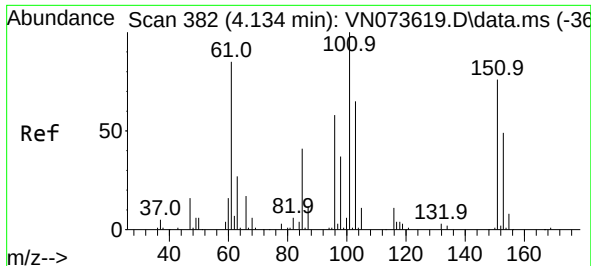
Reviewed By :John Carlone 07/29/2022
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#8
 Diethyl Ether
 Concen: 20.022 ug/l
 RT: 3.769 min Scan# 320
 Delta R.T. 0.006 min
 Lab File: VN073622.D
 Acq: 28 Jul 2022 13:22

Tgt Ion: 74 Resp: 48342
 Ion Ratio Lower Upper
 74 100
 45 87.6 42.9 128.5





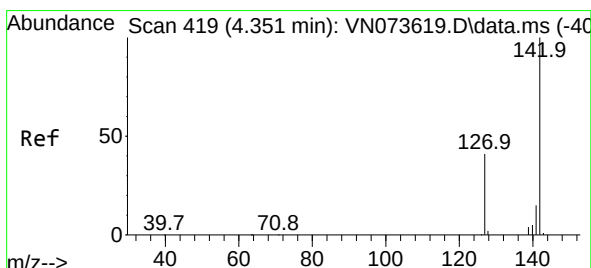
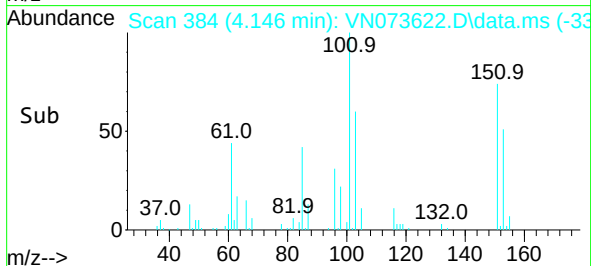
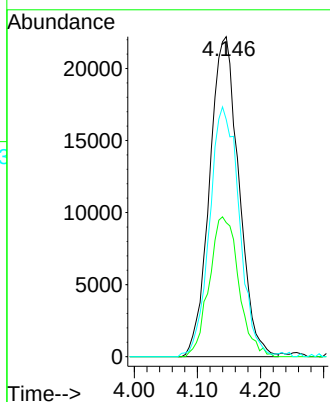
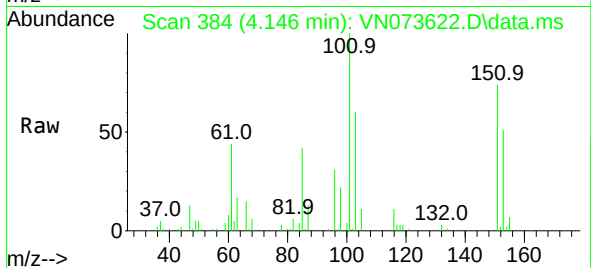
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.076 ug/l
RT: 4.146 min Scan# 384
Delta R.T. 0.012 min
Lab File: VN073622.D
Acq: 28 Jul 2022 13:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 71572
Ion Ratio Lower Upper
101 100
85 43.9 34.7 52.1
151 79.1 63.0 94.4

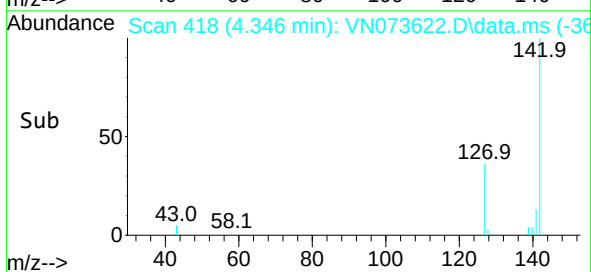
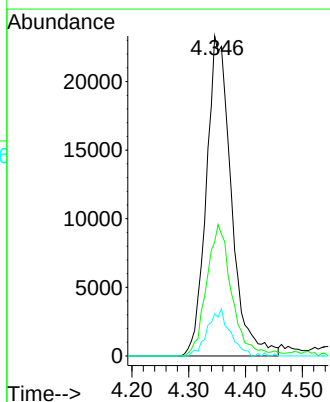
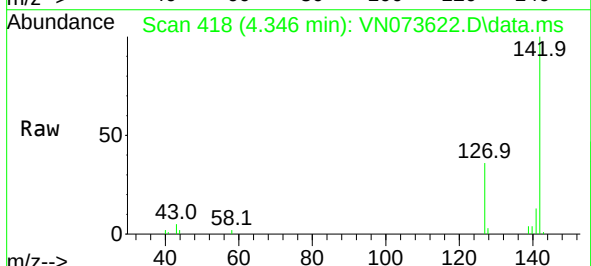
Manual Integrations
APPROVED

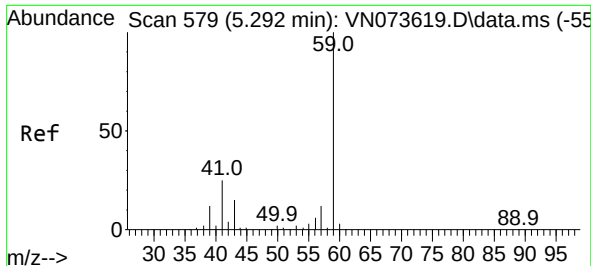
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#10
Methyl Iodide
Concen: 19.094 ug/l
RT: 4.346 min Scan# 418
Delta R.T. -0.006 min
Lab File: VN073622.D
Acq: 28 Jul 2022 13:22

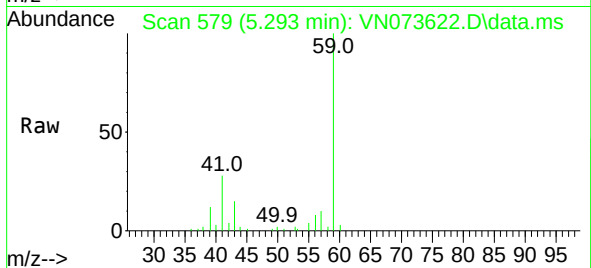
Tgt Ion:142 Resp: 71013
Ion Ratio Lower Upper
142 100
127 40.9 31.3 46.9
141 13.1 11.2 16.8





#11
Tert butyl alcohol
Concen: 103.247 ug/l
RT: 5.293 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN073622.D
Acq: 28 Jul 2022 13:22

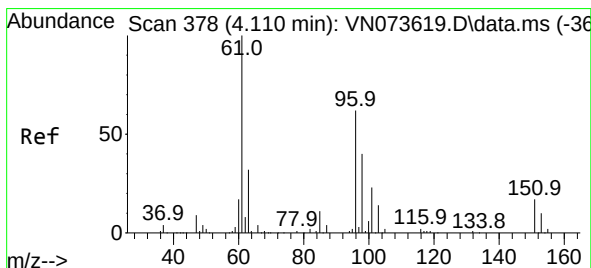
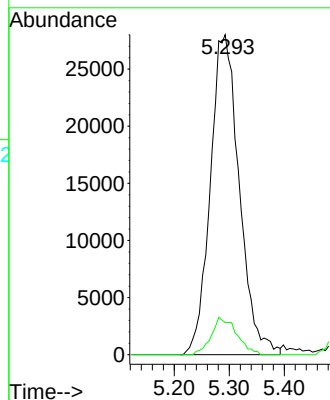
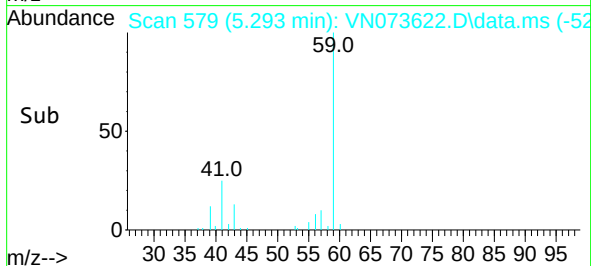
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



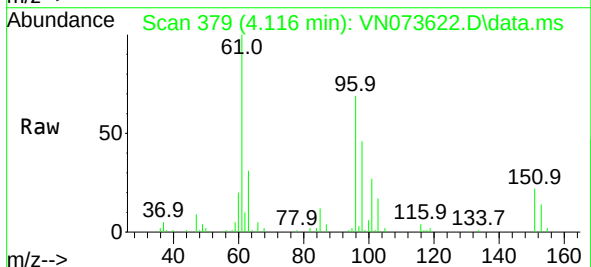
Tgt Ion: 59 Resp: 10263
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5

Manual Integrations
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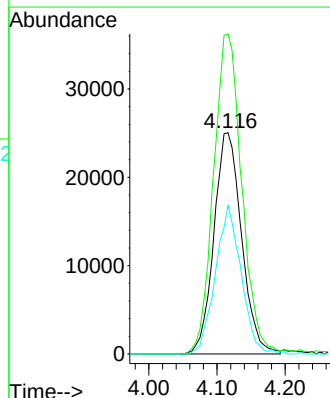
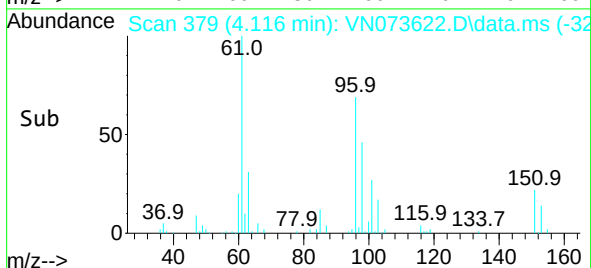
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

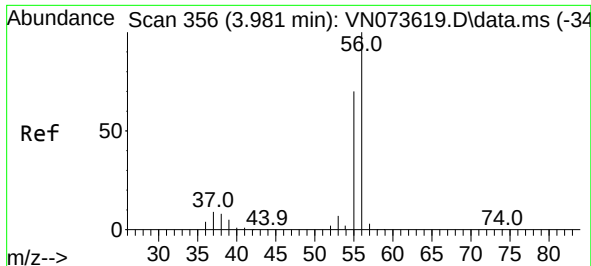


#12
1,1-Dichloroethene
Concen: 20.070 ug/l
RT: 4.116 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN073622.D
Acq: 28 Jul 2022 13:22



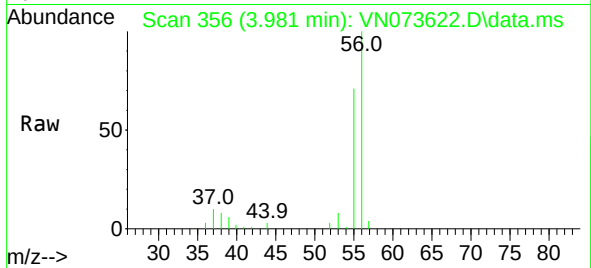
Tgt Ion: 96 Resp: 70634
Ion Ratio Lower Upper
96 100
61 144.7 127.6 191.4
98 67.1 51.2 76.8





#13
Acrolein
Concen: 94.059 ug/l
RT: 3.981 min Scan# 356
Delta R.T. 0.000 min
Lab File: VN073622.D
Acq: 28 Jul 2022 13:22

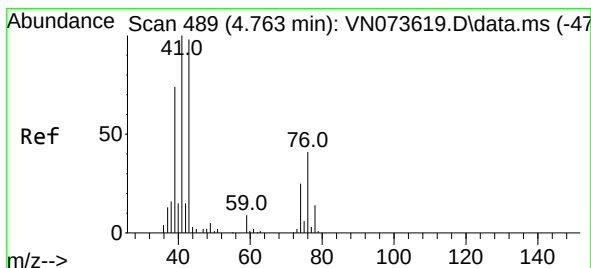
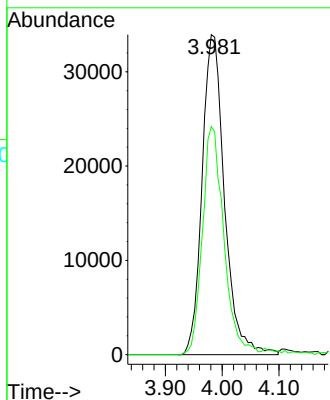
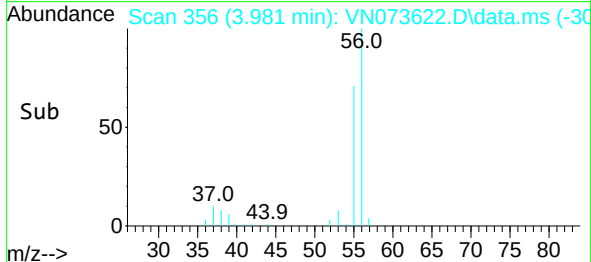
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



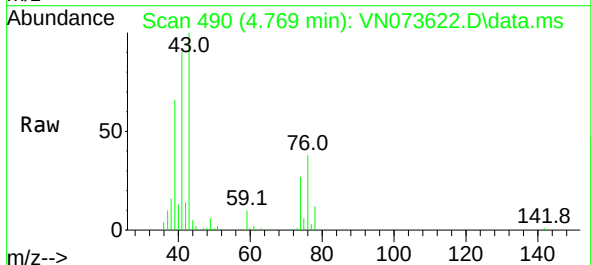
Tgt Ion: 56 Resp: 92694
Ion Ratio Lower Upper
56 100
55 68.1 54.8 82.2

Manual Integrations
APPROVED

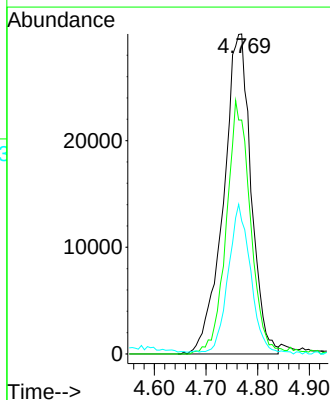
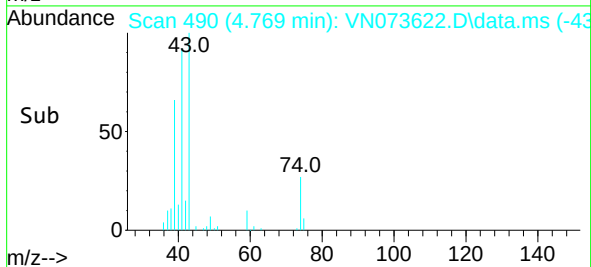
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

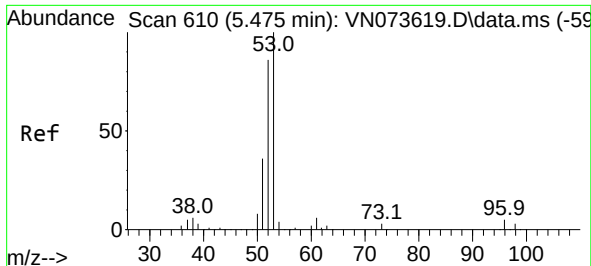


#14
Allyl chloride
Concen: 19.102 ug/l
RT: 4.769 min Scan# 490
Delta R.T. 0.006 min
Lab File: VN073622.D
Acq: 28 Jul 2022 13:22



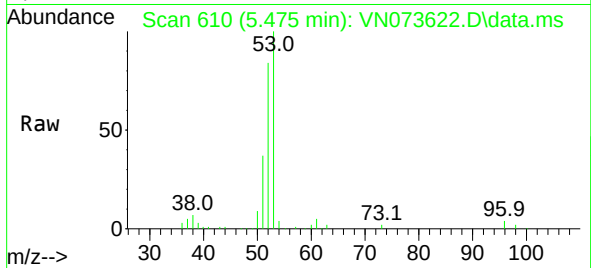
Tgt Ion: 41 Resp: 111249
Ion Ratio Lower Upper
41 100
39 69.0 53.2 79.8
76 38.1 29.9 44.9





#15
Acrylonitrile
Concen: 101.447 ug/l
RT: 5.475 min Scan# 610
Delta R.T. 0.000 min
Lab File: VN073622.D
Acq: 28 Jul 2022 13:22

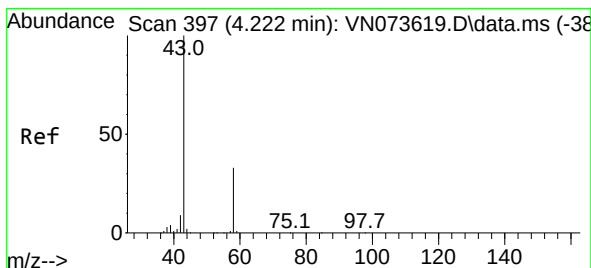
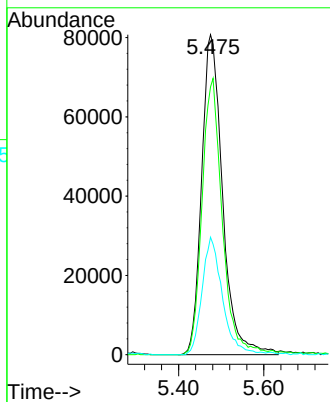
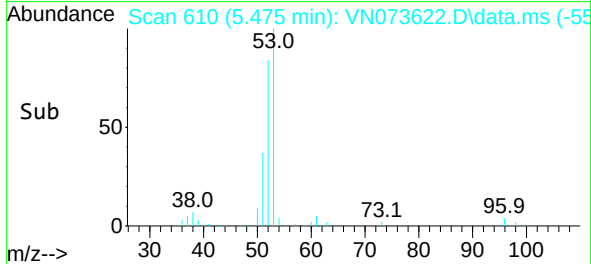
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 53 Resp: 276029
Ion Ratio Lower Upper
53 100
52 82.9 66.4 99.6
51 35.6 28.5 42.7

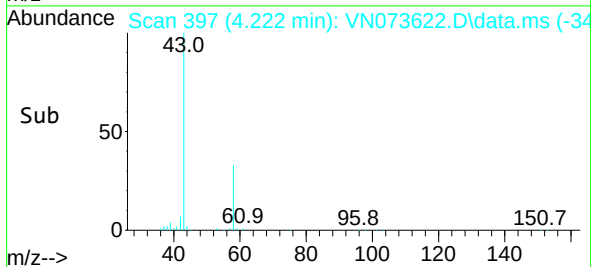
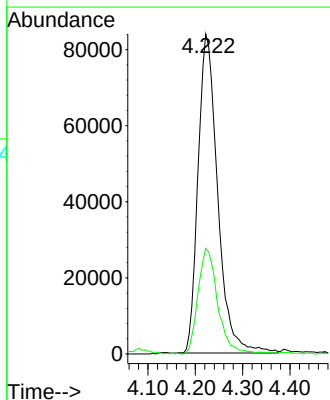
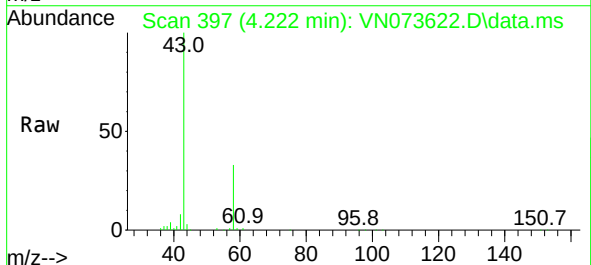
Manual Integrations
APPROVED

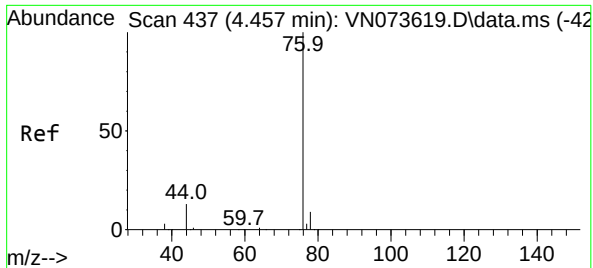
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#16
Acetone
Concen: 97.952 ug/l
RT: 4.222 min Scan# 397
Delta R.T. 0.000 min
Lab File: VN073622.D
Acq: 28 Jul 2022 13:22

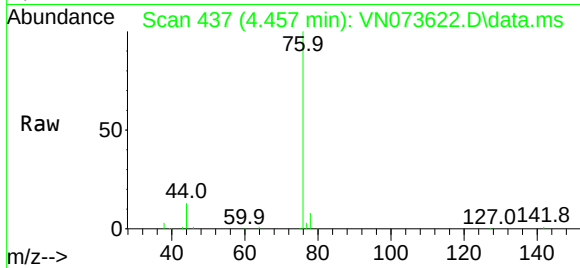
Tgt Ion: 43 Resp: 241817
Ion Ratio Lower Upper
43 100
58 32.9 26.0 39.0





#17
Carbon Disulfide
Concen: 19.343 ug/l
RT: 4.457 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN073622.D
Acq: 28 Jul 2022 13:22

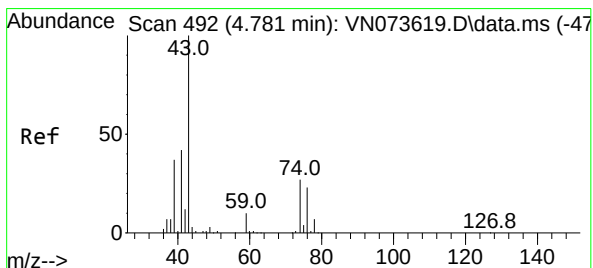
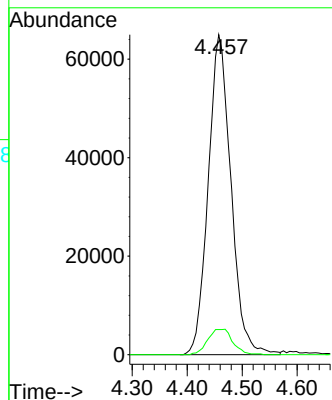
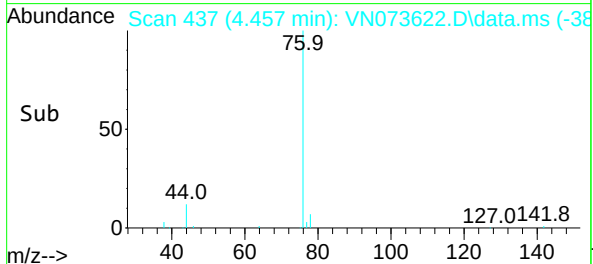
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 76 Resp: 18673
Ion Ratio Lower Upper
76 100
78 7.9 7.2 10.8

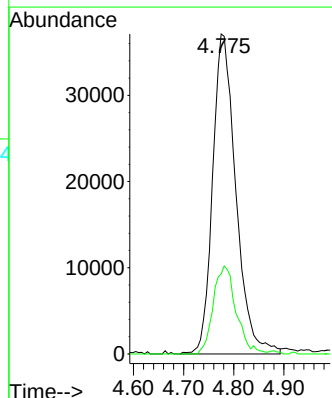
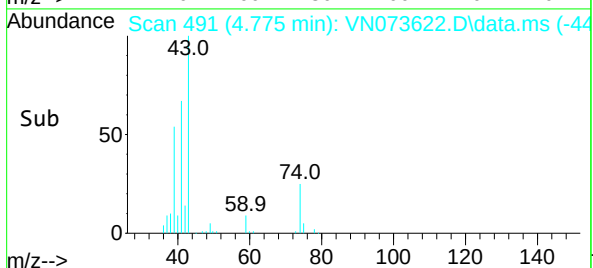
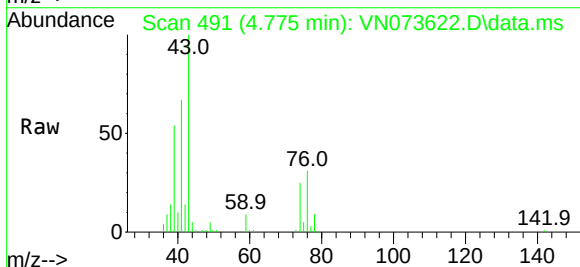
Manual Integrations
APPROVED

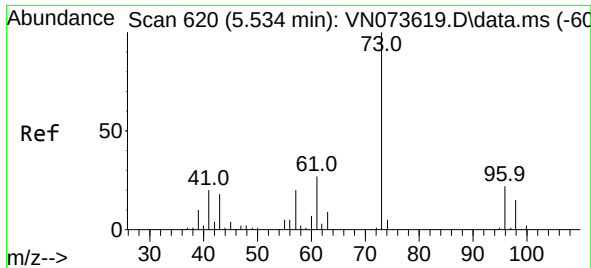
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#18
Methyl Acetate
Concen: 19.480 ug/l
RT: 4.775 min Scan# 491
Delta R.T. -0.006 min
Lab File: VN073622.D
Acq: 28 Jul 2022 13:22

Tgt Ion: 43 Resp: 119597
Ion Ratio Lower Upper
43 100
74 26.8 21.6 32.4





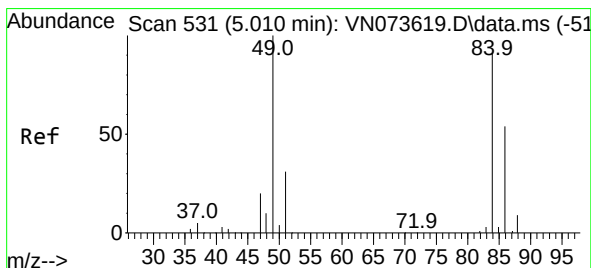
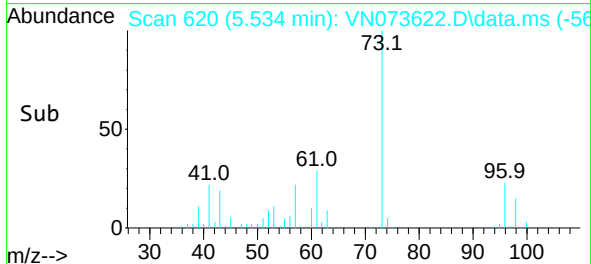
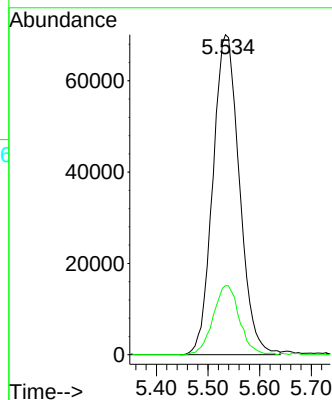
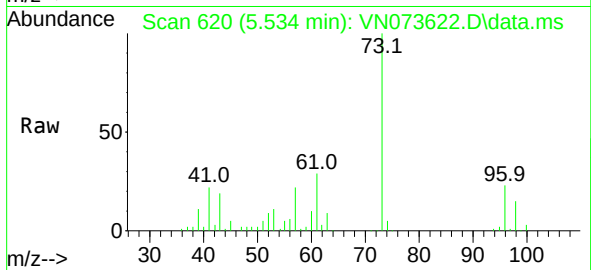
#19
Methyl tert-butyl Ether
Concen: 20.733 ug/l
RT: 5.534 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN073622.D
Acq: 28 Jul 2022 13:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 73 Resp: 24982
Ion Ratio Lower Upper
73 100
57 21.6 17.6 26.4

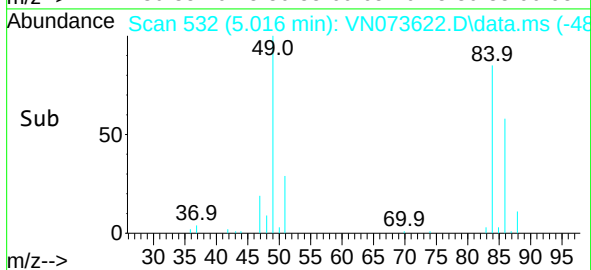
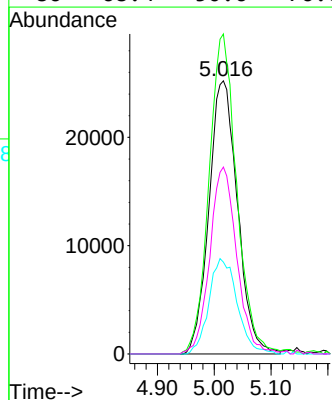
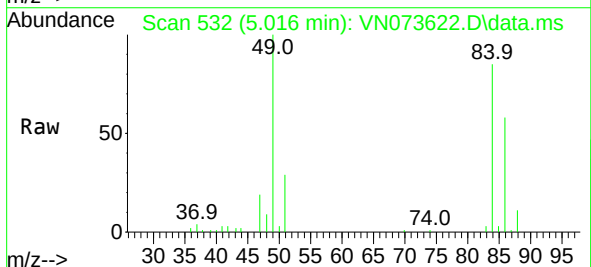
Manual Integrations
APPROVED

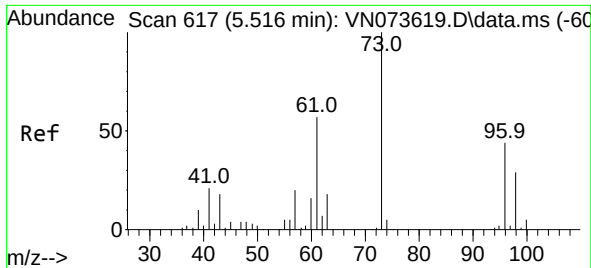
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#20
Methylene Chloride
Concen: 17.943 ug/l
RT: 5.016 min Scan# 532
Delta R.T. 0.006 min
Lab File: VN073622.D
Acq: 28 Jul 2022 13:22

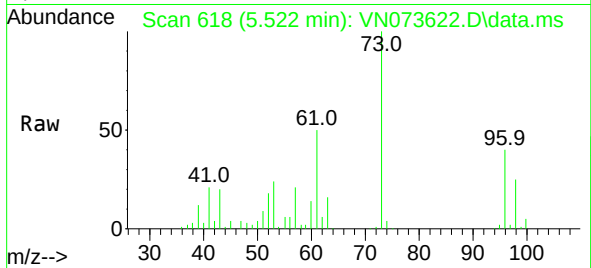
Tgt Ion: 84 Resp: 88107
Ion Ratio Lower Upper
84 100
49 117.2 88.3 132.5
51 33.6 28.2 42.2
86 68.4 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 19.611 ug/l
RT: 5.522 min Scan# 617
Delta R.T. 0.006 min
Lab File: VN073622.D
Acq: 28 Jul 2022 13:22

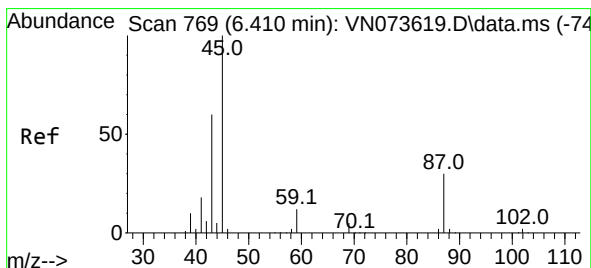
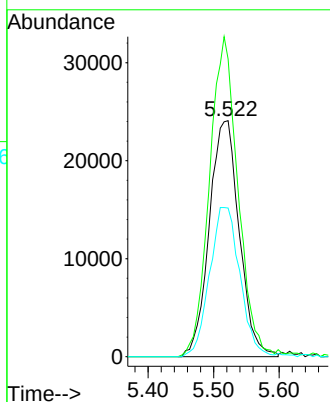
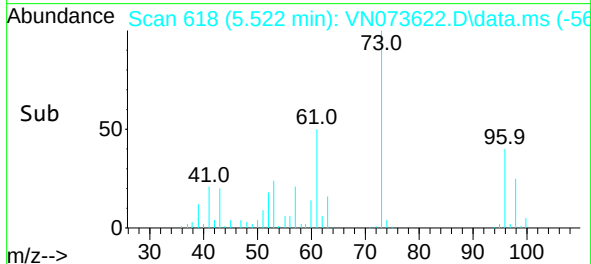
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



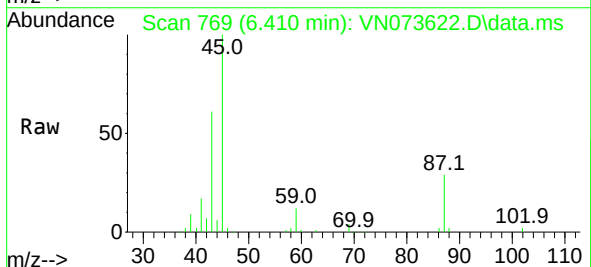
Tgt Ion: 96 Resp: 76414
Ion Ratio Lower Upper
96 100
61 126.1 105.8 158.8
98 63.0 50.3 75.5

Manual Integrations
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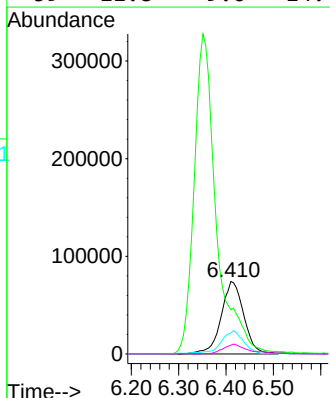
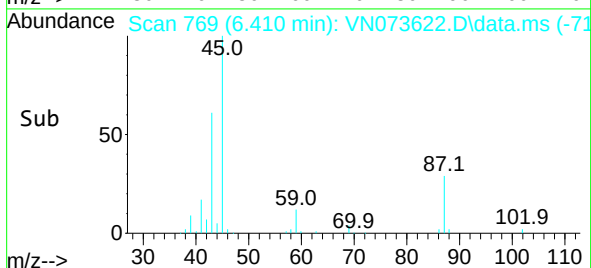
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

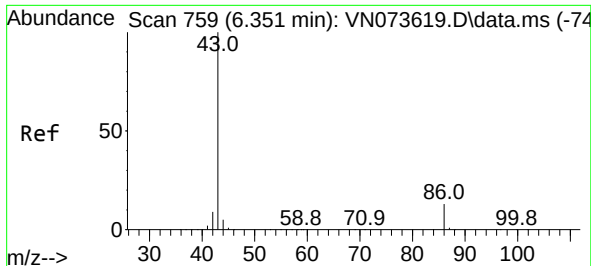


#22
Diisopropyl ether
Concen: 20.435 ug/l
RT: 6.410 min Scan# 769
Delta R.T. 0.000 min
Lab File: VN073622.D
Acq: 28 Jul 2022 13:22



Tgt Ion: 45 Resp: 246760
Ion Ratio Lower Upper
45 100
43 57.7 46.6 70.0
87 28.6 24.3 36.5
59 11.8 9.6 14.4





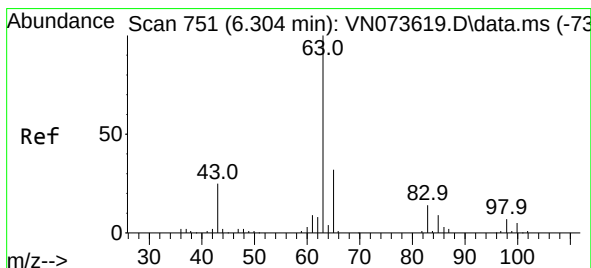
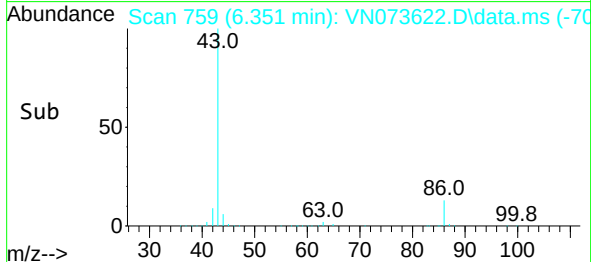
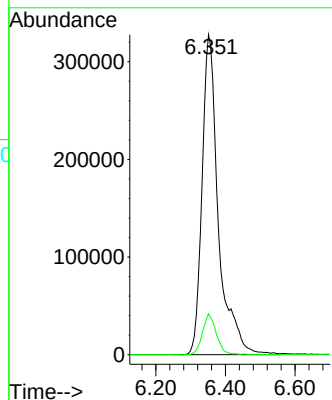
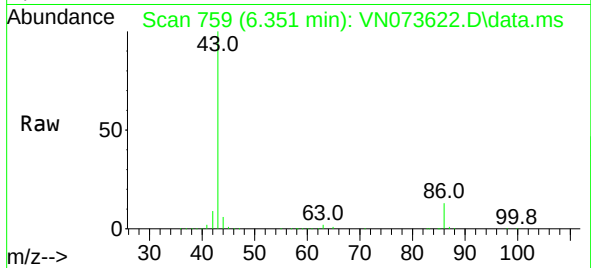
#23
 Vinyl Acetate
 Concen: 104.394 ug/l
 RT: 6.351 min Scan# 759
 Delta R.T. 0.000 min
 Lab File: VN073622.D
 Acq: 28 Jul 2022 13:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tgt Ion: 43 Resp: 106934
 Ion Ratio Lower Upper
 43 100
 86 12.8 10.0 15.0

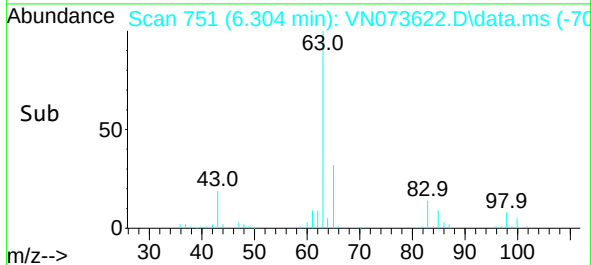
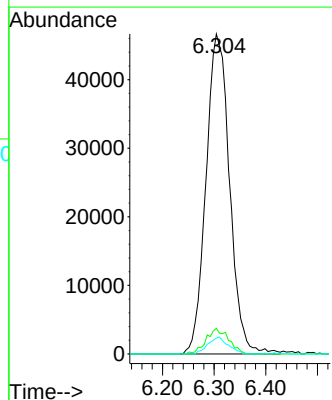
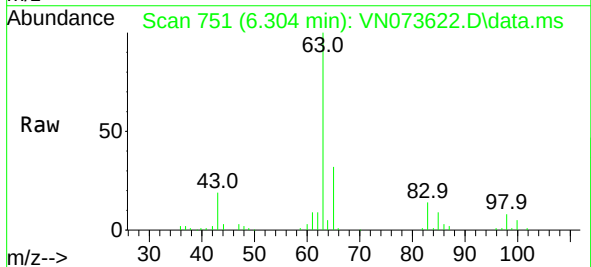
Manual Integrations
 APPROVED

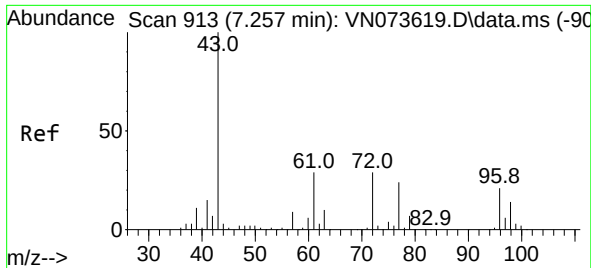
Reviewed By :John Carlone 07/29/2022
 Supervised By :Mahesh Dadoda 07/29/2022



#24
 1,1-Dichloroethane
 Concen: 19.830 ug/l
 RT: 6.304 min Scan# 751
 Delta R.T. 0.000 min
 Lab File: VN073622.D
 Acq: 28 Jul 2022 13:22

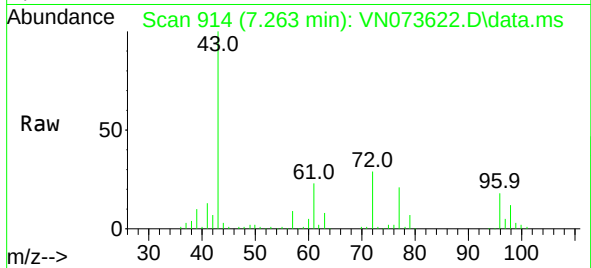
Tgt Ion: 63 Resp: 148011
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.5 10.4
 100 5.0 2.3 6.8





#25
2-Butanone
Concen: 100.142 ug/l
RT: 7.263 min Scan# 914
Delta R.T. 0.006 min
Lab File: VN073622.D
Acq: 28 Jul 2022 13:22

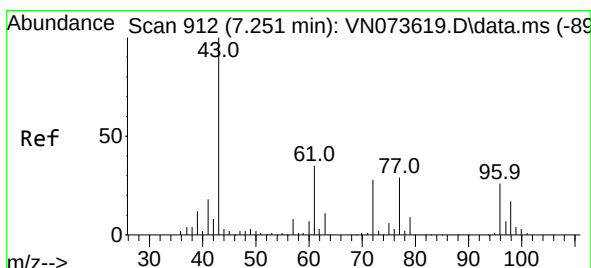
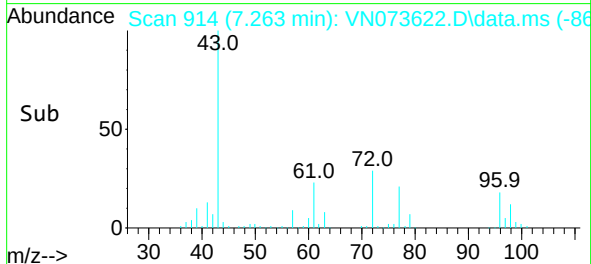
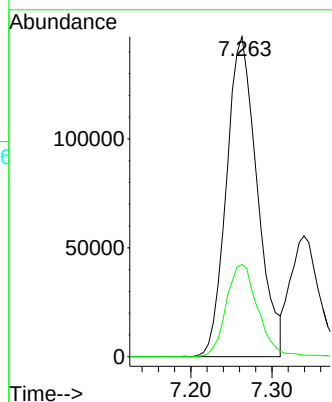
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 38722
Ion Ratio Lower Upper
43 100
72 28.8 23.7 35.5

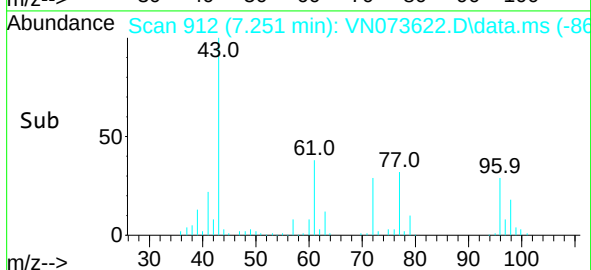
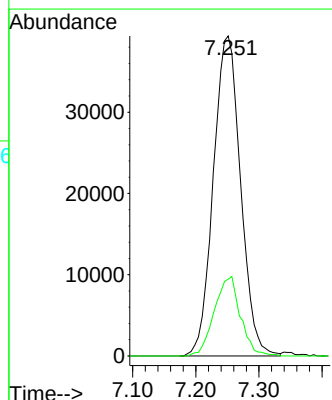
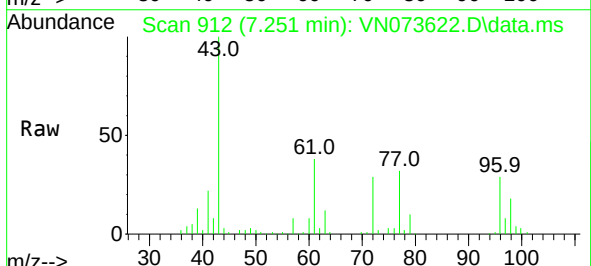
Manual Integrations
APPROVED

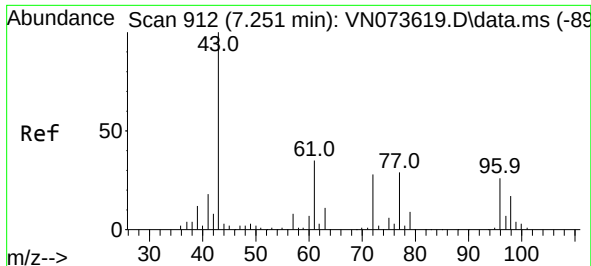
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#26
2,2-Dichloropropane
Concen: 19.636 ug/l
RT: 7.251 min Scan# 912
Delta R.T. 0.000 min
Lab File: VN073622.D
Acq: 28 Jul 2022 13:22

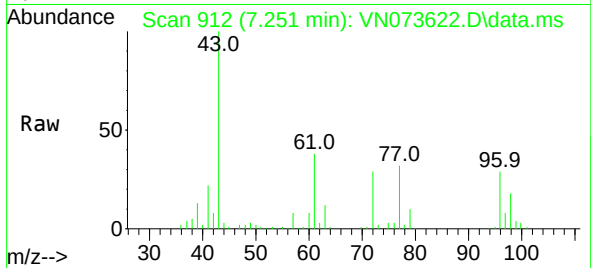
Tgt Ion: 77 Resp: 118171
Ion Ratio Lower Upper
77 100
97 23.8 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 19.923 ug/l
 RT: 7.251 min Scan# 912
 Delta R.T. 0.000 min
 Lab File: VN073622.D
 Acq: 28 Jul 2022 13:22

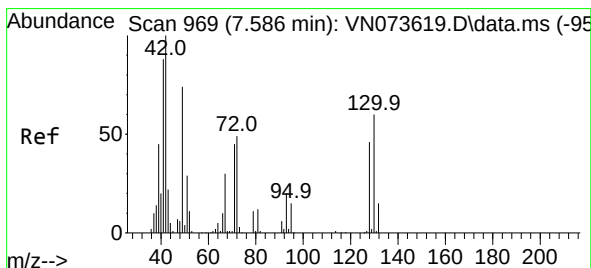
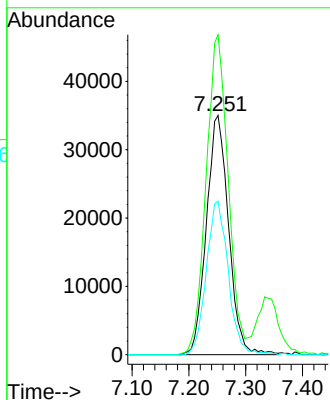
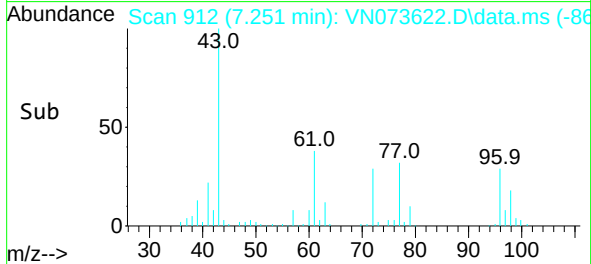
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



Tgt Ion: 96 Resp: 94915
 Ion Ratio Lower Upper
 96 100
 61 133.3 0.0 280.6
 98 63.5 0.0 128.4

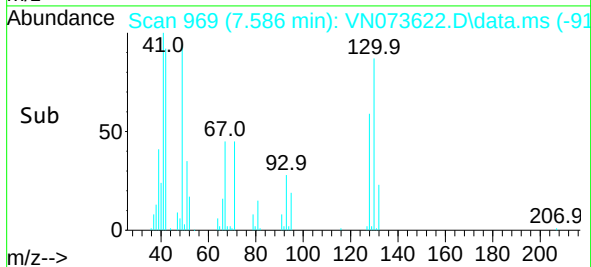
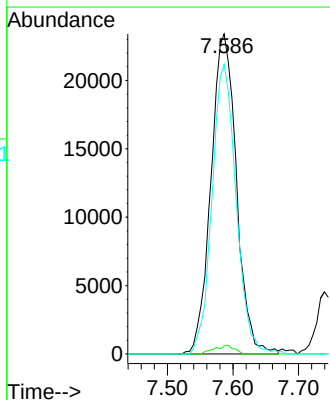
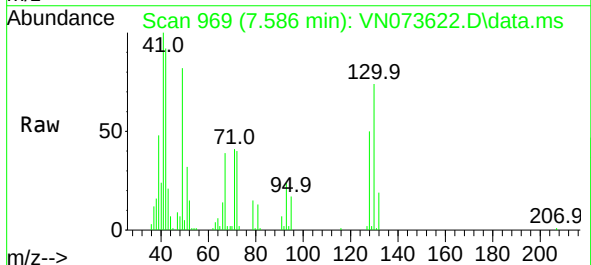
Manual Integrations
 APPROVED

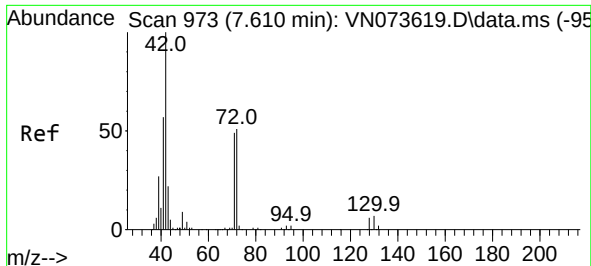
Reviewed By :John Carlone 07/29/2022
 Supervised By :Mahesh Dadoda 07/29/2022



#28
 Bromochloromethane
 Concen: 20.056 ug/l
 RT: 7.586 min Scan# 969
 Delta R.T. 0.000 min
 Lab File: VN073622.D
 Acq: 28 Jul 2022 13:22

Tgt Ion: 49 Resp: 63110
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.6
 130 85.7 69.7 104.5





#29

Tetrahydrofuran

Concen: 101.883 ug/l

RT: 7.616 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN073622.D

Acq: 28 Jul 2022 13:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 42 Resp: 24898

Ion Ratio Lower Upper

42 100

72 49.1 39.7 59.5

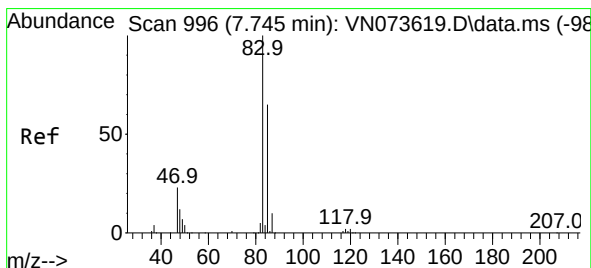
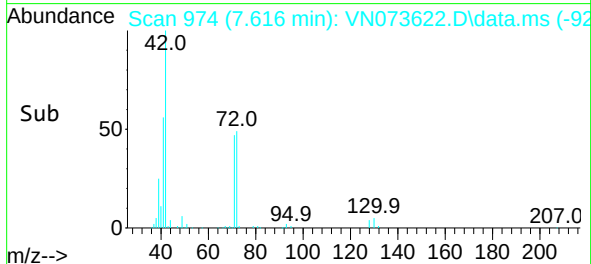
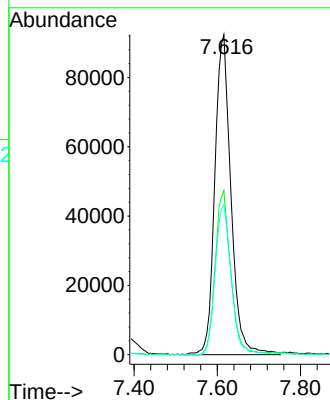
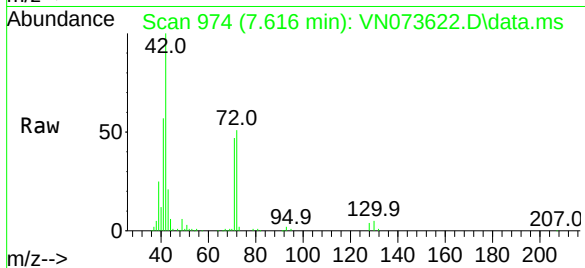
71 46.7 36.6 55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/29/2022

Supervised By :Mahesh Dadoda 07/29/2022



#30

Chloroform

Concen: 19.368 ug/l

RT: 7.745 min Scan# 996

Delta R.T. 0.000 min

Lab File: VN073622.D

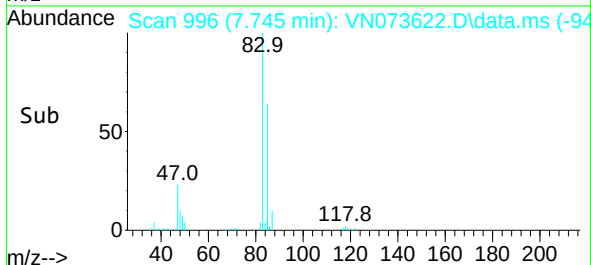
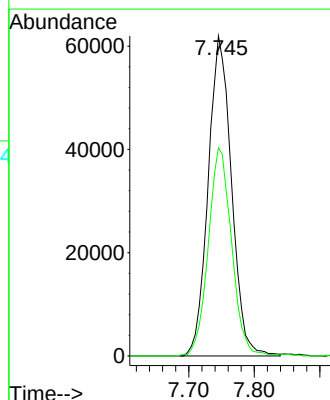
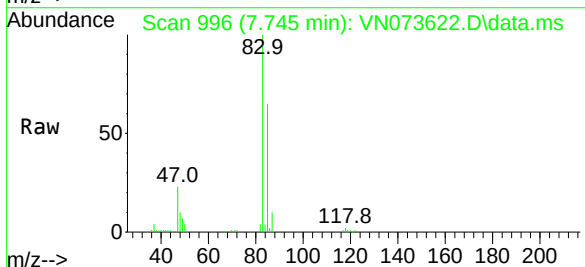
Acq: 28 Jul 2022 13:22

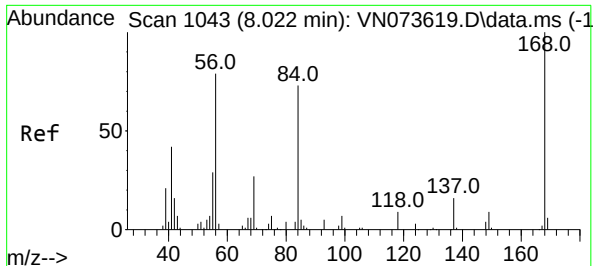
Tgt Ion: 83 Resp: 153023

Ion Ratio Lower Upper

83 100

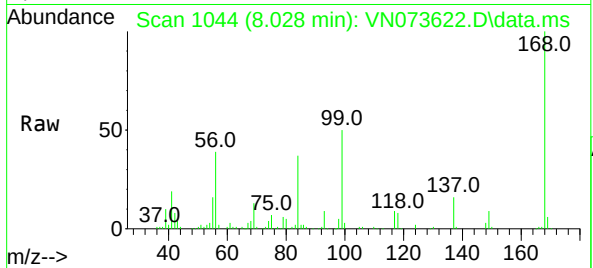
85 64.8 51.8 77.8





#31
Cyclohexane
Concen: 19.713 ug/l
RT: 8.028 min Scan# 1043
Delta R.T. 0.006 min
Lab File: VN073622.D
Acq: 28 Jul 2022 13:22

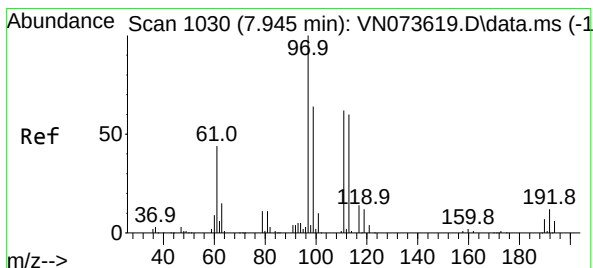
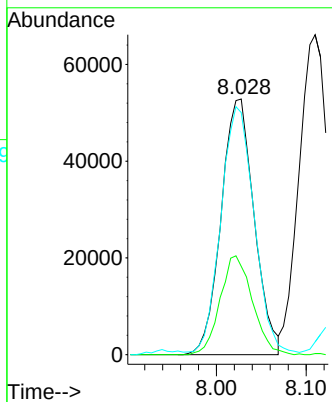
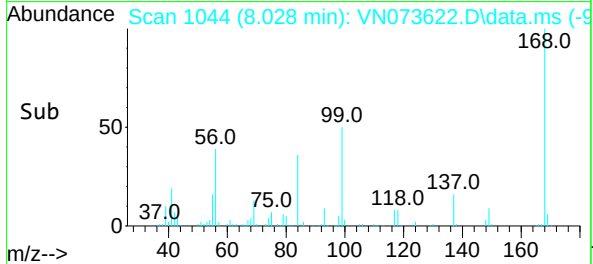
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



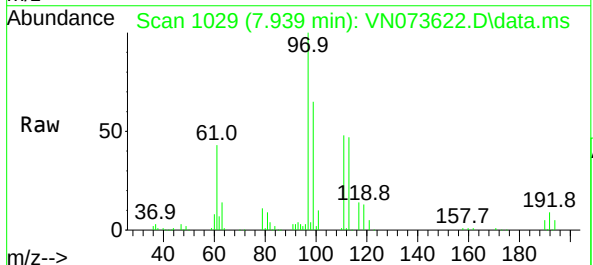
Tgt Ion: 56 Resp: 135275
Ion Ratio Lower Upper
56 100
69 34.6 27.8 41.8
84 93.3 76.9 115.3

Manual Integrations
APPROVED

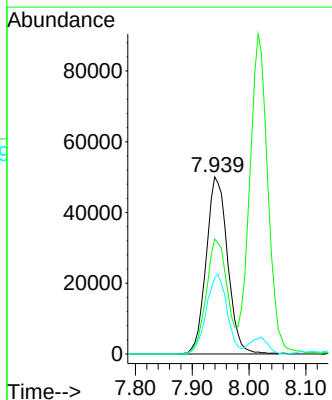
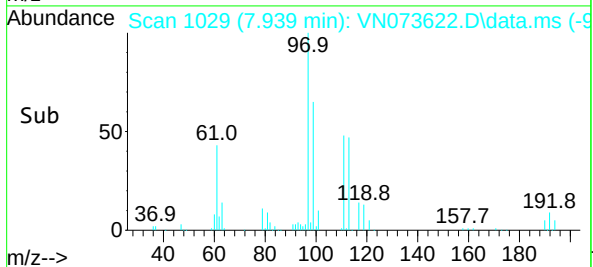
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

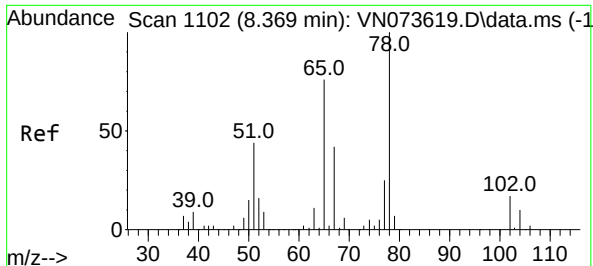


#32
1,1,1-Trichloroethane
Concen: 19.926 ug/l
RT: 7.939 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VN073622.D
Acq: 28 Jul 2022 13:22



Tgt Ion: 97 Resp: 130665
Ion Ratio Lower Upper
97 100
99 62.8 50.6 76.0
61 43.5 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 20.809 ug/l

RT: 8.375 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VN073622.D

Acq: 28 Jul 2022 13:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 9591

Ion Ratio Lower Upper

65 100

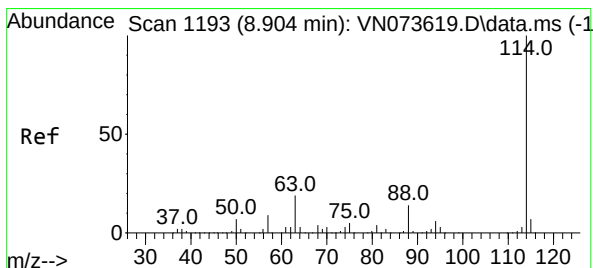
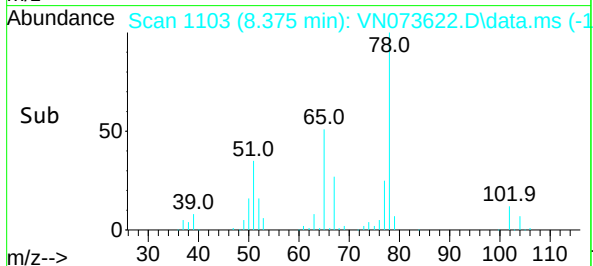
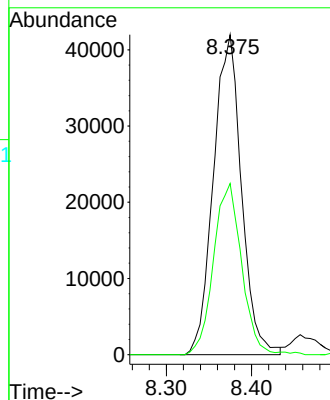
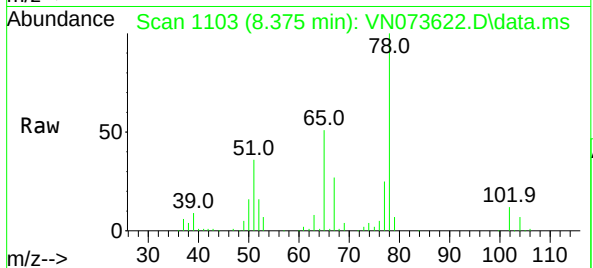
67 53.8 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/29/2022

Supervised By :Mahesh Dadoda 07/29/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN073622.D

Acq: 28 Jul 2022 13:22

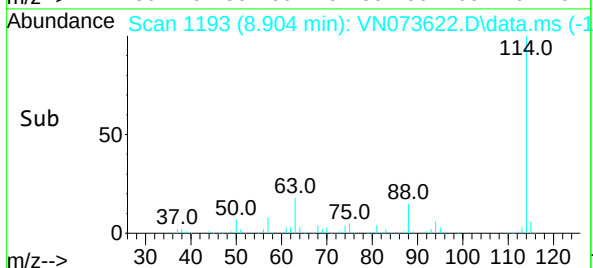
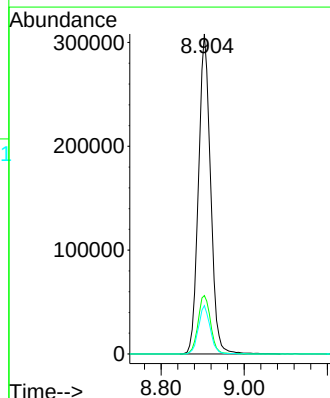
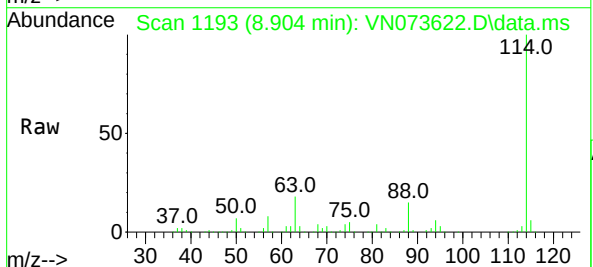
Tgt Ion:114 Resp: 623216

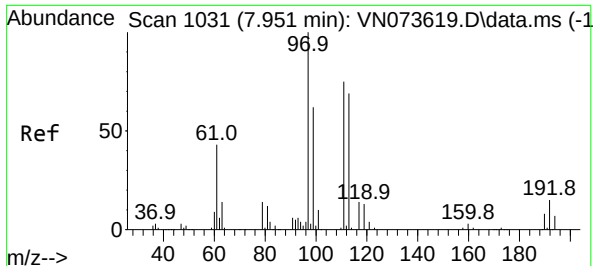
Ion Ratio Lower Upper

114 100

63 18.3 0.0 40.0

88 15.1 0.0 32.6





#35

Dibromofluoromethane

Concen: 20.943 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073622.D

Acq: 28 Jul 2022 13:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 113 Resp: 81958

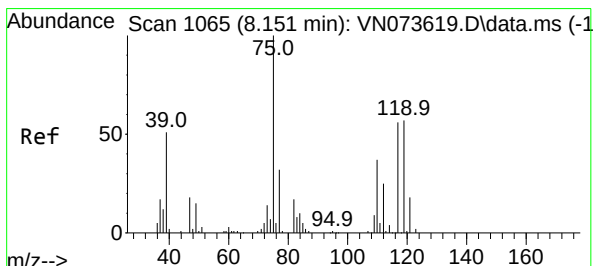
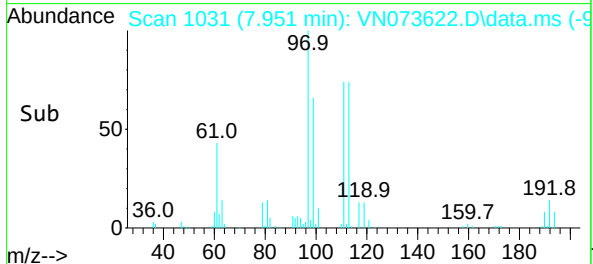
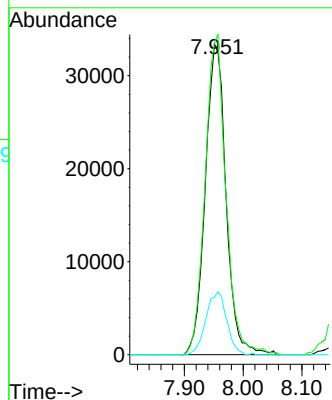
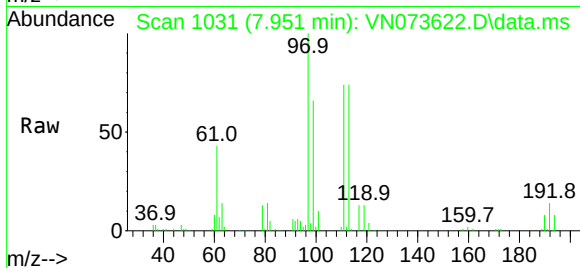
Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.4	122.0
192	20.2	17.0	25.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/29/2022

Supervised By :Mahesh Dadoda 07/29/2022



#36

1,1-Dichloropropene

Concen: 19.429 ug/l

RT: 8.151 min Scan# 1065

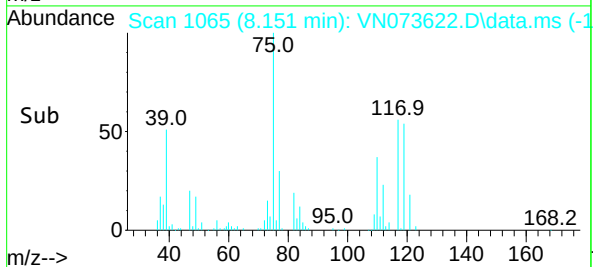
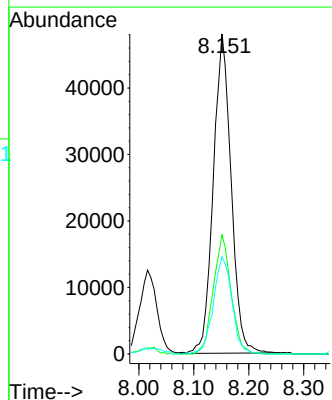
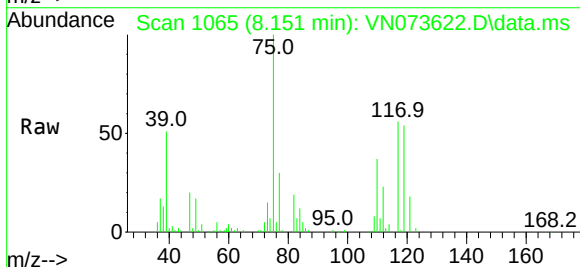
Delta R.T. 0.000 min

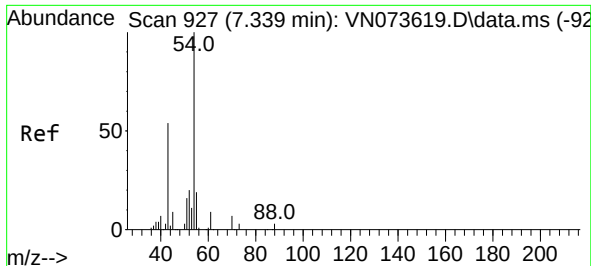
Lab File: VN073622.D

Acq: 28 Jul 2022 13:22

Tgt Ion: 75 Resp: 108419

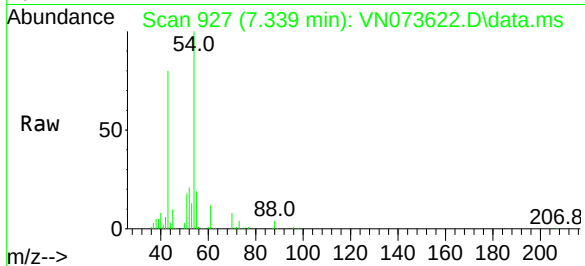
Ion	Ratio	Lower	Upper
75	100		
110	37.0	18.3	54.8
77	31.6	25.1	37.7





#37
Ethyl Acetate
Concen: 19.795 ug/l
RT: 7.339 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN073622.D
Acq: 28 Jul 2022 13:22

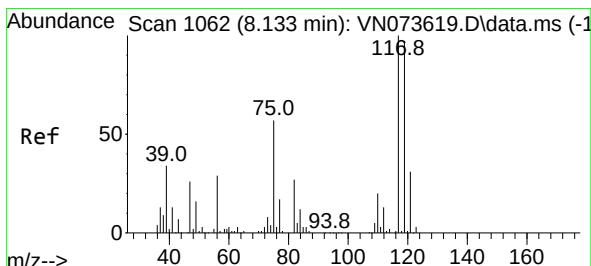
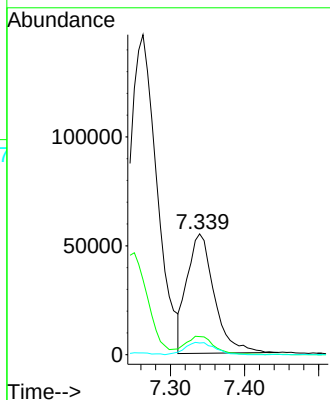
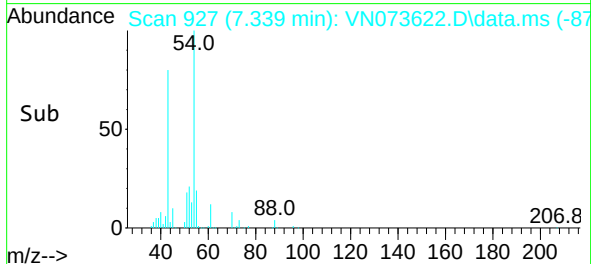
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 13935
Ion Ratio Lower Upper
43 100
61 16.4 11.8 17.6
70 11.2 9.3 13.9

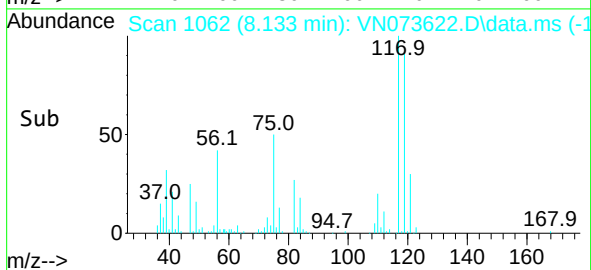
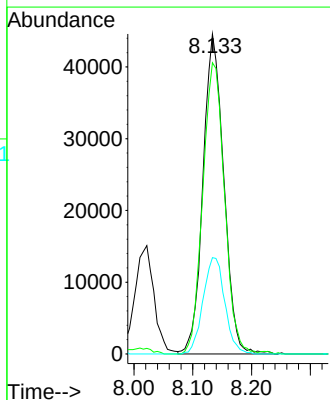
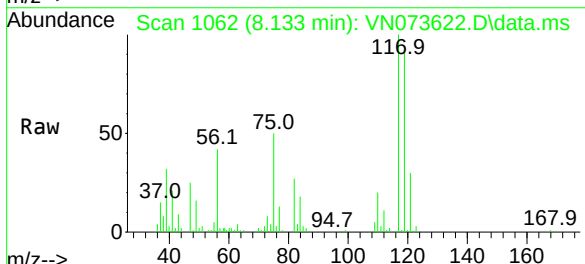
Manual Integrations
APPROVED

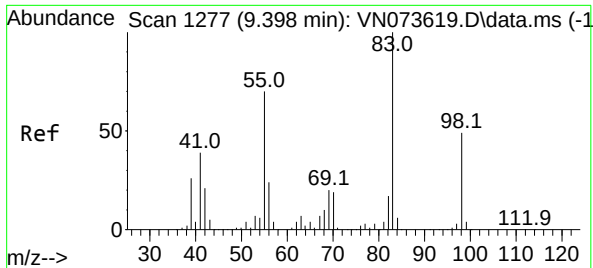
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#38
Carbon Tetrachloride
Concen: 19.635 ug/l
RT: 8.133 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VN073622.D
Acq: 28 Jul 2022 13:22

Tgt Ion:117 Resp: 109808
Ion Ratio Lower Upper
117 100
119 91.0 75.8 113.8
121 30.1 24.6 37.0





#39
Methylcyclohexane
Concen: 20.303 ug/l
RT: 9.398 min Scan# 1277
Delta R.T. 0.000 min
Lab File: VN073622.D
Acq: 28 Jul 2022 13:22

Instrument :

MSVOA_N

ClientSampleId :

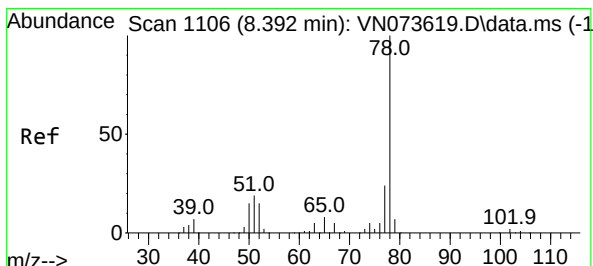
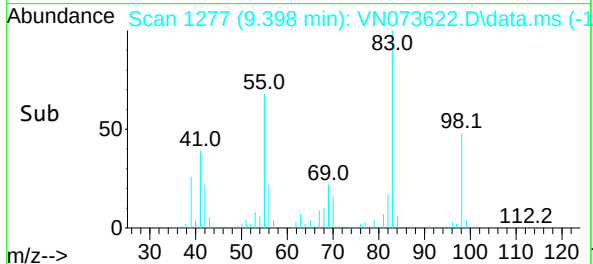
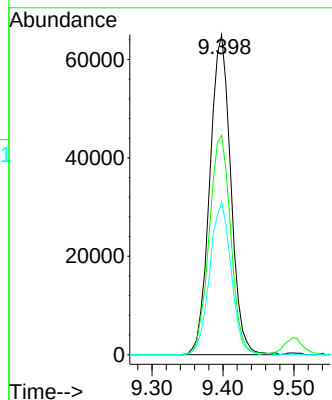
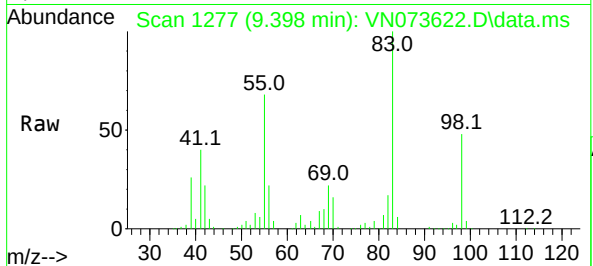
VSTDICC020

Tgt Ion: 83 Resp: 133398
Ion Ratio Lower Upper
83 100
55 68.4 57.8 86.8
98 47.7 39.4 59.2

Manual Integrations

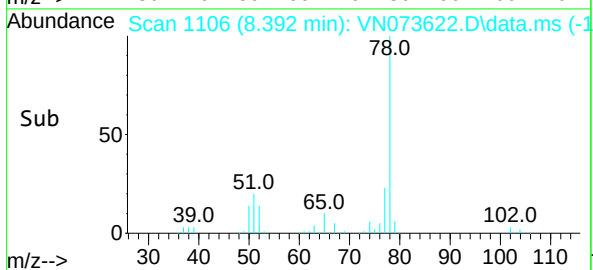
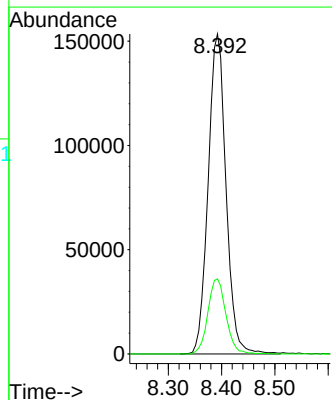
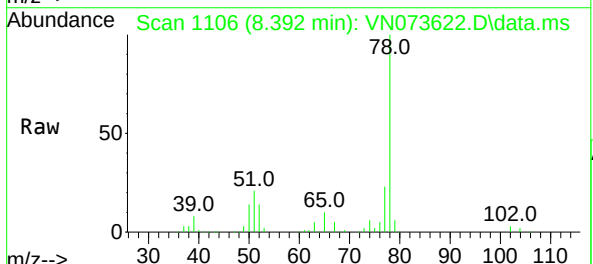
APPROVED

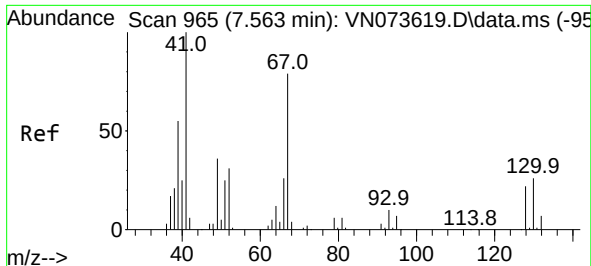
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#40
Benzene
Concen: 19.890 ug/l
RT: 8.392 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VN073622.D
Acq: 28 Jul 2022 13:22

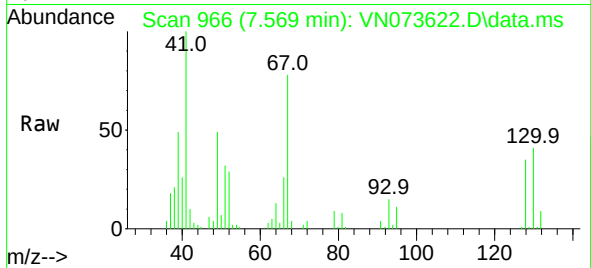
Tgt Ion: 78 Resp: 357281
Ion Ratio Lower Upper
78 100
77 23.5 19.4 29.0





#41
Methacrylonitrile
Concen: 19.434 ug/l
RT: 7.569 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN073622.D
Acq: 28 Jul 2022 13:22

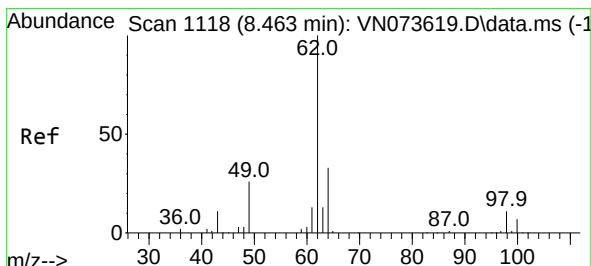
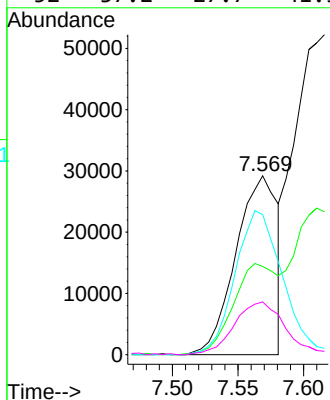
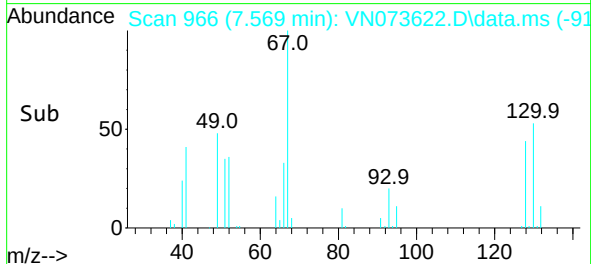
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC020



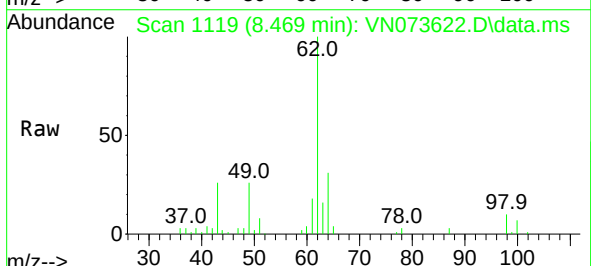
Tgt Ion: 41 Resp: 64234
Ion Ratio Lower Upper
41 100
39 53.5 48.6 73.0
67 94.0 73.4 110.2
52 37.2 27.7 41.5

Manual Integrations
APPROVED

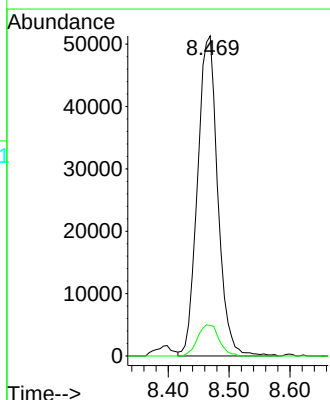
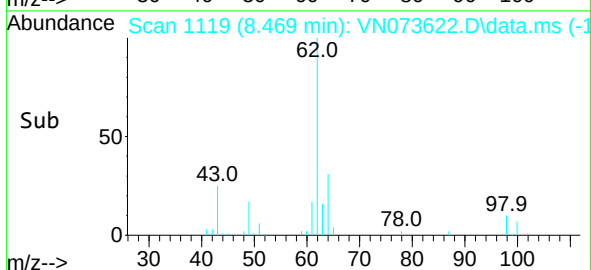
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

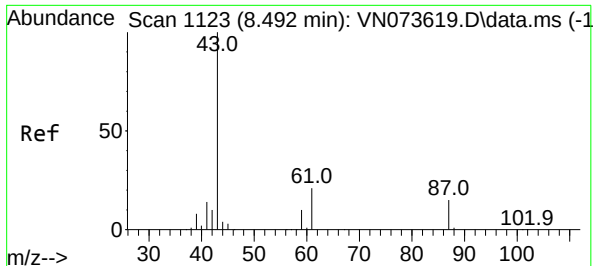


#42
1,2-Dichloroethane
Concen: 19.302 ug/l
RT: 8.469 min Scan# 1119
Delta R.T. 0.006 min
Lab File: VN073622.D
Acq: 28 Jul 2022 13:22



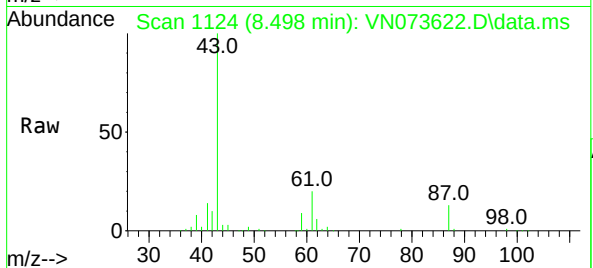
Tgt Ion: 62 Resp: 118476
Ion Ratio Lower Upper
62 100
98 10.3 0.0 19.4





#43
Isopropyl Acetate
Concen: 20.312 ug/l
RT: 8.498 min Scan# 1124
Delta R.T. 0.006 min
Lab File: VN073622.D
Acq: 28 Jul 2022 13:22

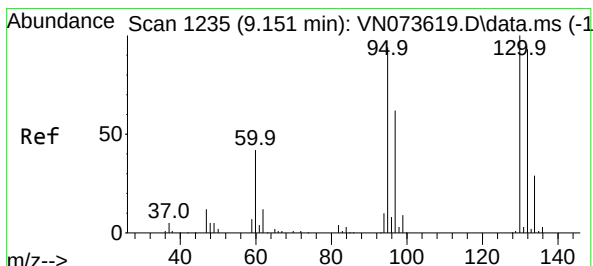
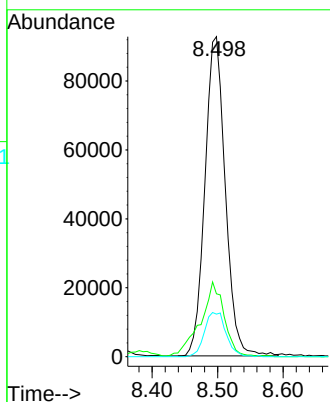
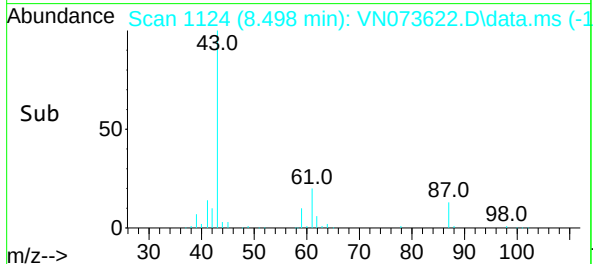
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



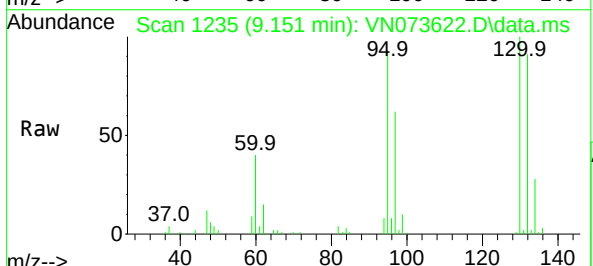
Tgt Ion: 43 Resp: 200294
Ion Ratio Lower Upper
43 100
61 27.6 21.9 32.9
87 14.7 12.0 18.0

Manual Integrations
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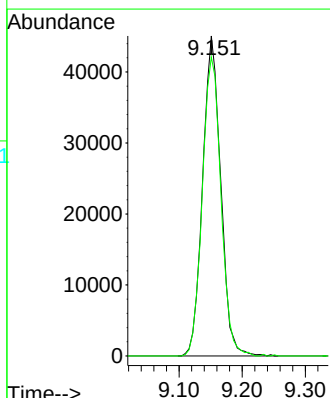
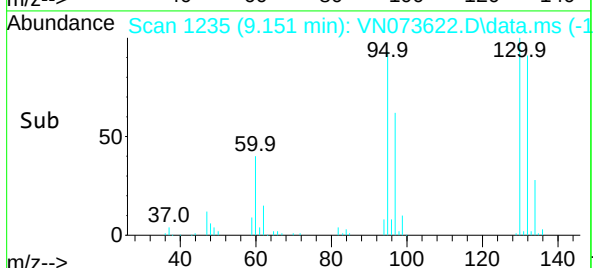
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

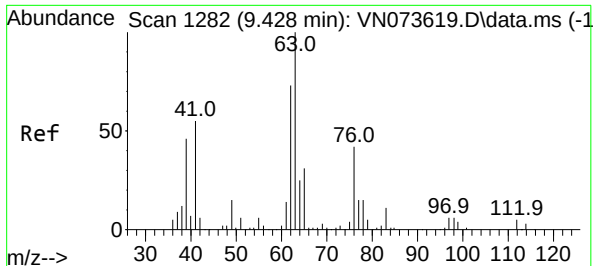


#44
Trichloroethene
Concen: 19.802 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VN073622.D
Acq: 28 Jul 2022 13:22



Tgt Ion:130 Resp: 89655
Ion Ratio Lower Upper
130 100
95 93.4 0.0 186.8





#45

1,2-Dichloropropane

Concen: 19.370 ug/l

RT: 9.428 min Scan# 1282

Delta R.T. 0.000 min

Lab File: VN073622.D

Acq: 28 Jul 2022 13:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 8705

Ion Ratio Lower Upper

63 100

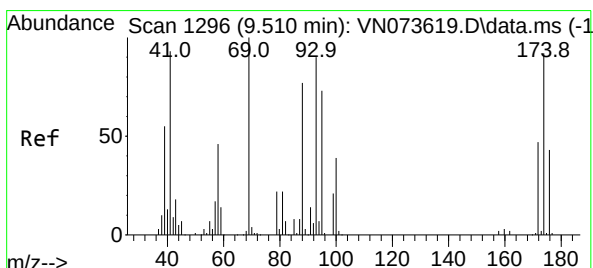
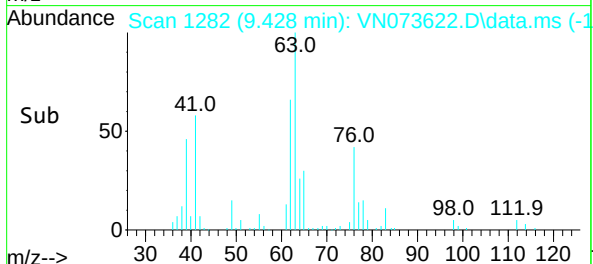
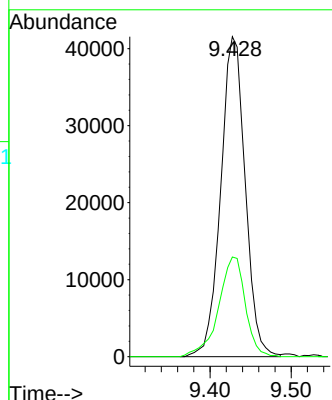
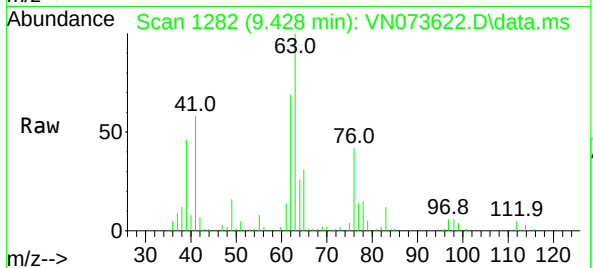
65 31.1 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/29/2022

Supervised By :Mahesh Dadoda 07/29/2022



#46

Dibromomethane

Concen: 20.033 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. 0.006 min

Lab File: VN073622.D

Acq: 28 Jul 2022 13:22

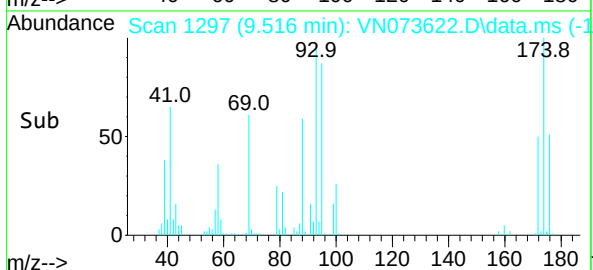
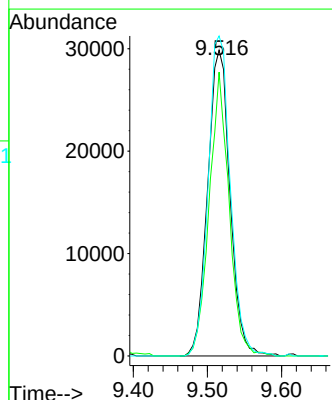
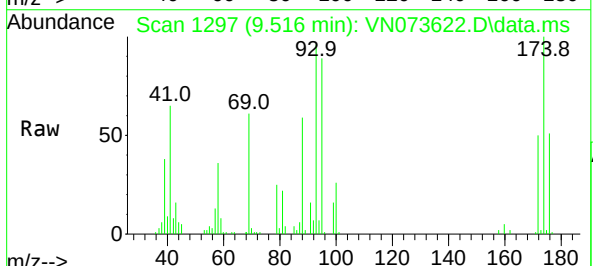
Tgt Ion: 93 Resp: 62746

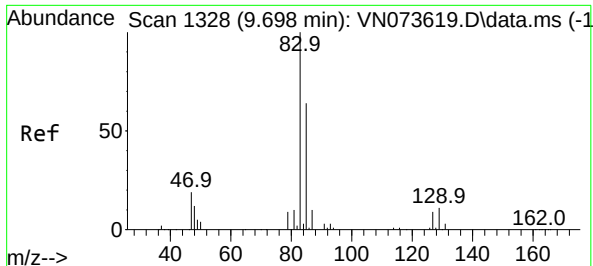
Ion Ratio Lower Upper

93 100

95 82.5 66.9 100.3

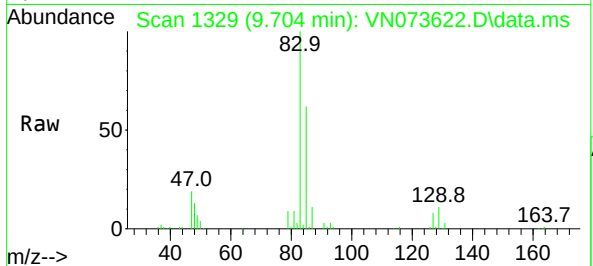
174 103.8 86.6 130.0





#47
Bromodichloromethane
Concen: 19.604 ug/l
RT: 9.704 min Scan# 11699
Delta R.T. 0.006 min
Lab File: VN073622.D
Acq: 28 Jul 2022 13:22

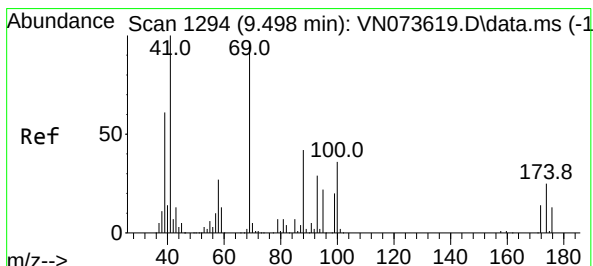
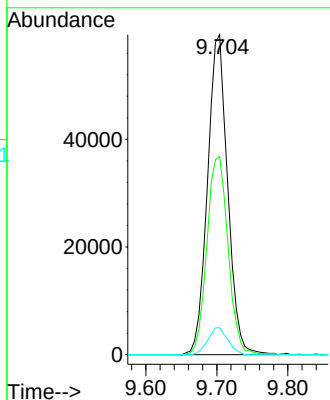
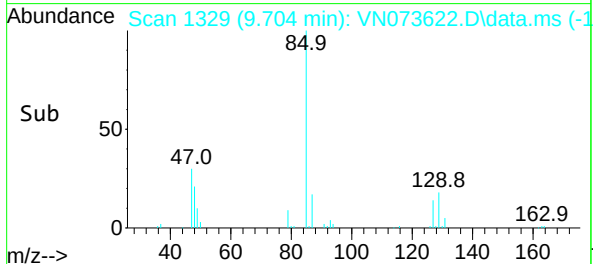
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



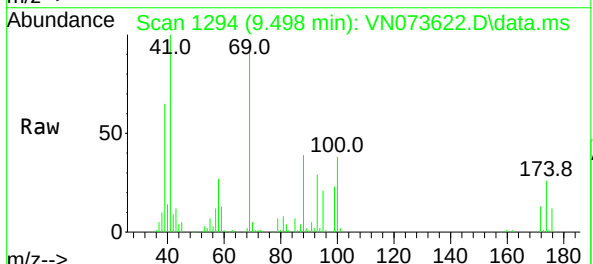
Tgt Ion: 83 Resp: 11699
Ion Ratio Lower Upper
83 100
85 61.9 50.5 75.7
127 8.4 6.8 10.2

Manual Integrations
APPROVED

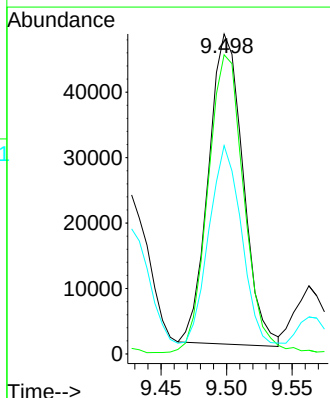
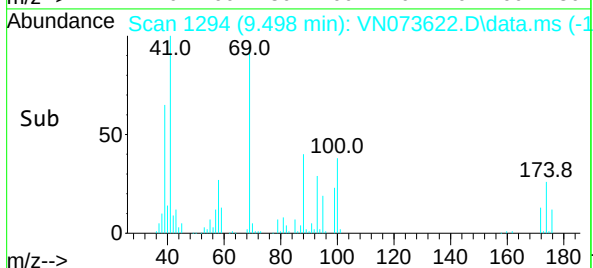
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

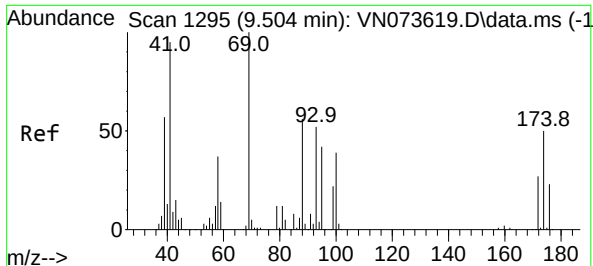


#48
Methyl methacrylate
Concen: 20.428 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VN073622.D
Acq: 28 Jul 2022 13:22



Tgt Ion: 41 Resp: 86971
Ion Ratio Lower Upper
41 100
69 100.4 74.7 112.1
39 67.0 45.6 68.4





#49

1,4-Dioxane

Concen: 424.469 ug/l

RT: 9.510 min Scan# 1295

Delta R.T. 0.006 min

Lab File: VN073622.D

Acq: 28 Jul 2022 13:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 88 Resp: 49900

Ion Ratio Lower Upper

88 100

43 26.7 20.2 30.4

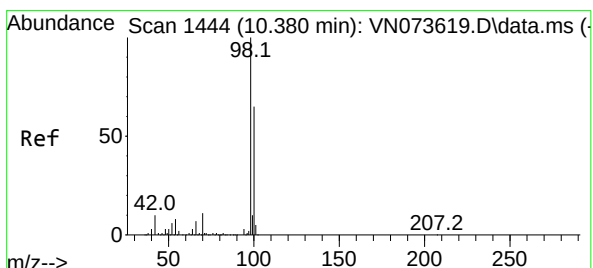
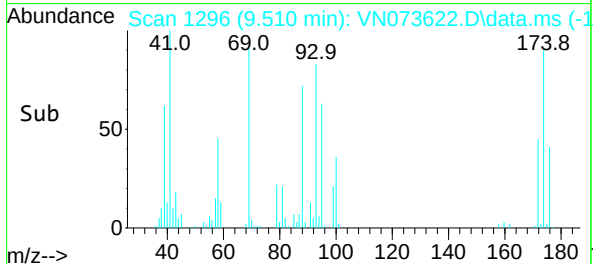
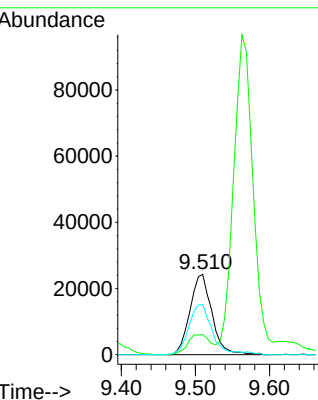
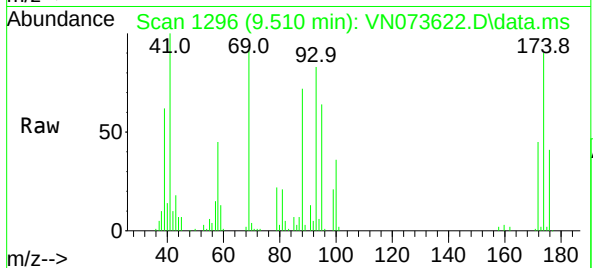
58 67.1 54.2 81.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/29/2022

Supervised By :Mahesh Dadoda 07/29/2022



#50

Toluene-d8

Concen: 21.014 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN073622.D

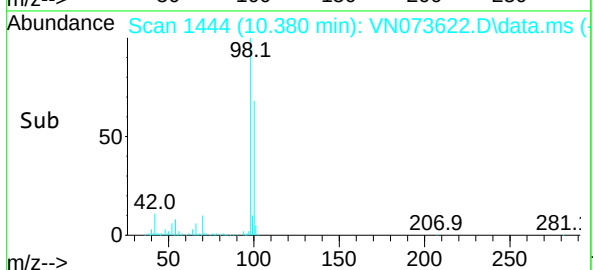
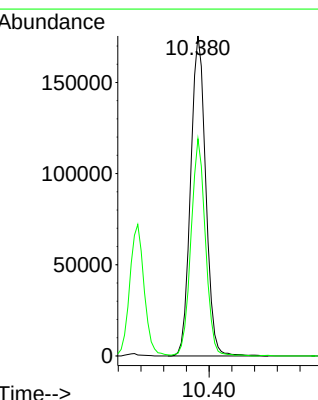
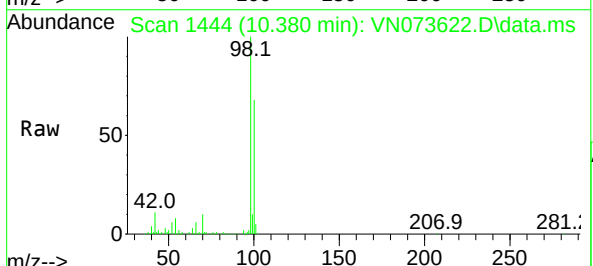
Acq: 28 Jul 2022 13:22

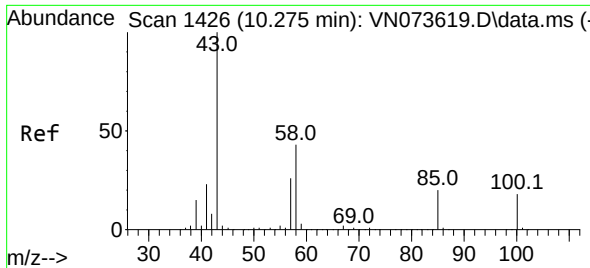
Tgt Ion: 98 Resp: 323605

Ion Ratio Lower Upper

98 100

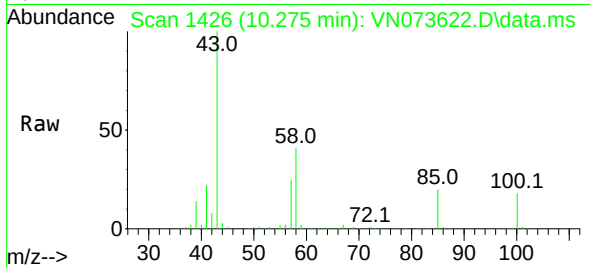
100 65.1 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 103.483 ug/l
RT: 10.275 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VN073622.D
Acq: 28 Jul 2022 13:22

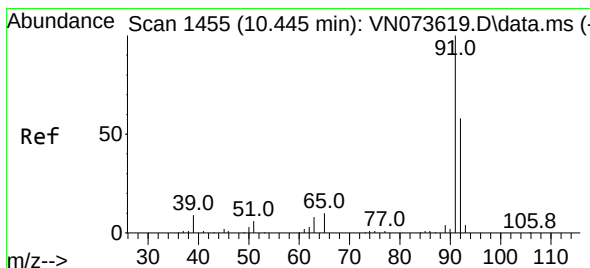
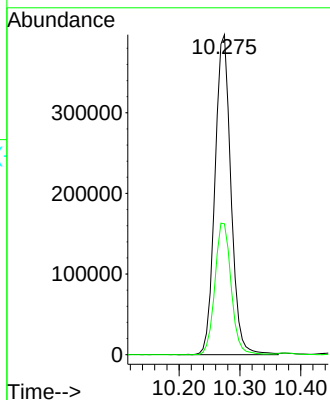
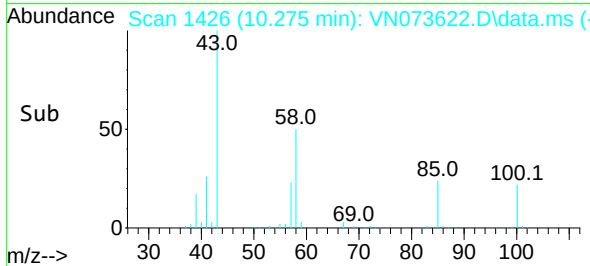
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 72383
Ion Ratio Lower Upper
43 100
58 41.8 34.1 51.1

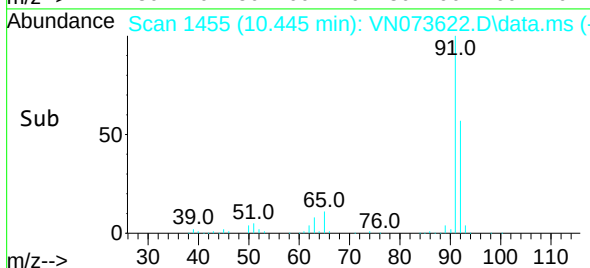
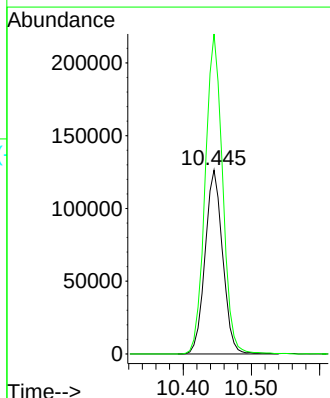
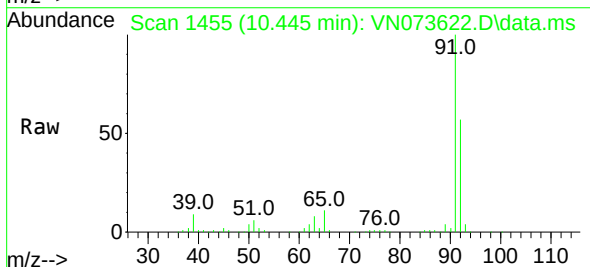
Manual Integrations
APPROVED

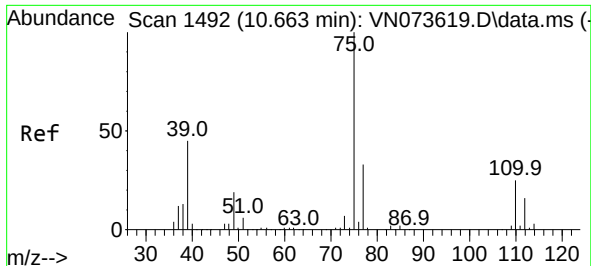
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#52
Toluene
Concen: 20.738 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN073622.D
Acq: 28 Jul 2022 13:22

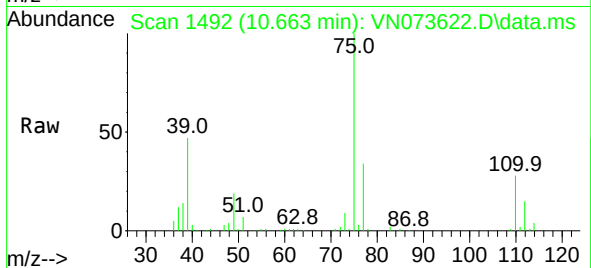
Tgt Ion: 92 Resp: 226365
Ion Ratio Lower Upper
92 100
91 172.6 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 20.142 ug/l
RT: 10.663 min Scan# 1492
Delta R.T. 0.000 min
Lab File: VN073622.D
Acq: 28 Jul 2022 13:22

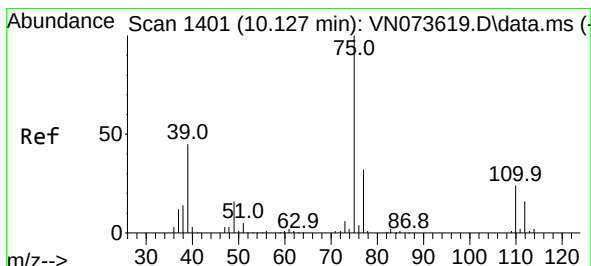
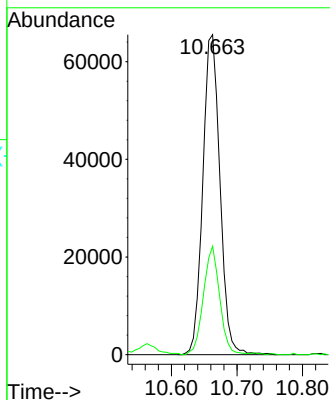
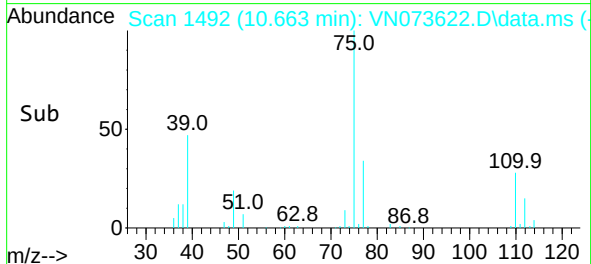
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



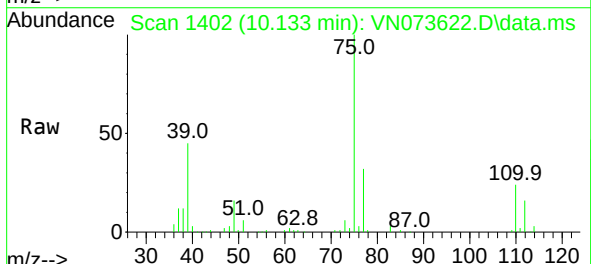
Tgt Ion: 75 Resp: 119470
Ion Ratio Lower Upper
75 100
77 33.9 25.6 38.4

Manual Integrations
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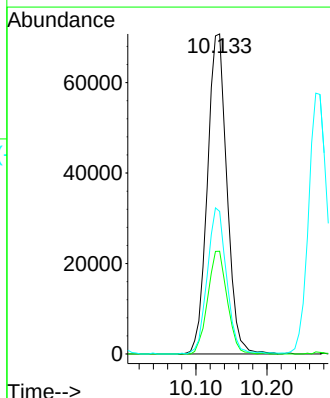
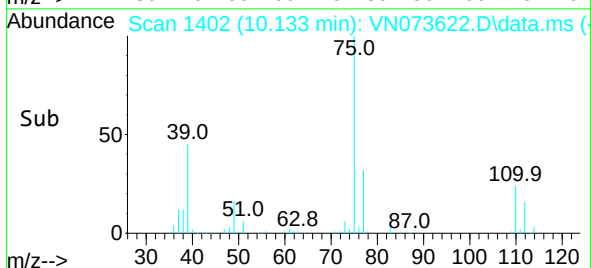
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

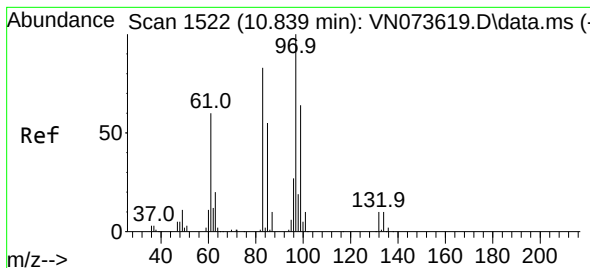


#54
cis-1,3-Dichloropropene
Concen: 20.347 ug/l
RT: 10.133 min Scan# 1402
Delta R.T. 0.006 min
Lab File: VN073622.D
Acq: 28 Jul 2022 13:22



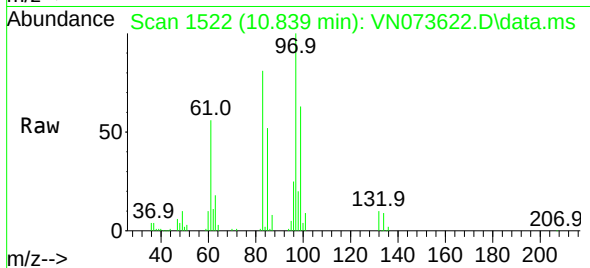
Tgt Ion: 75 Resp: 135325
Ion Ratio Lower Upper
75 100
77 32.1 25.2 37.8
39 44.6 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 19.672 ug/l
RT: 10.839 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VN073622.D
Acq: 28 Jul 2022 13:22

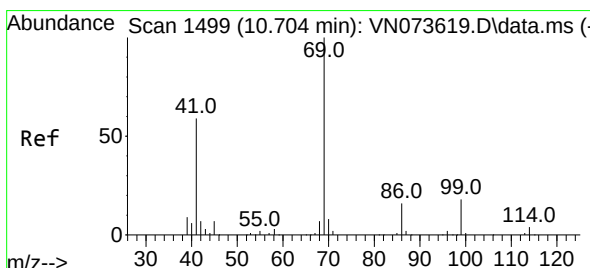
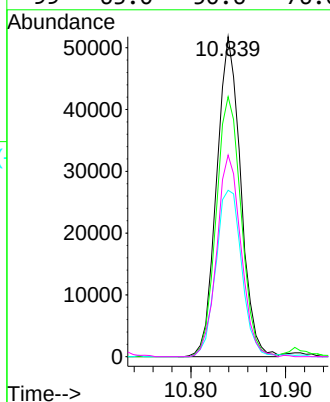
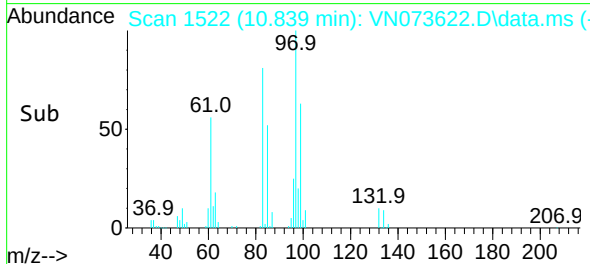
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



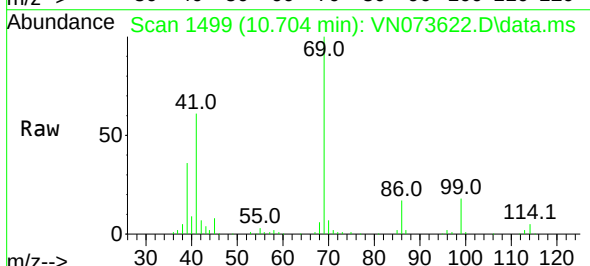
Tgt Ion: 97 Resp: 9158
Ion Ratio Lower Upper
97 100
83 81.3 66.2 99.4
85 52.0 43.9 65.9
99 63.0 50.6 76.0

Manual Integrations
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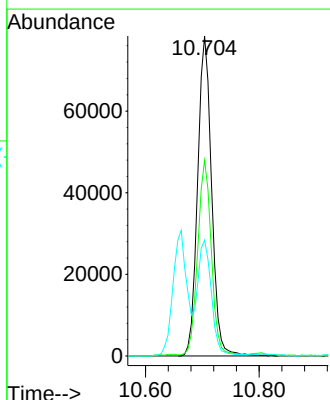
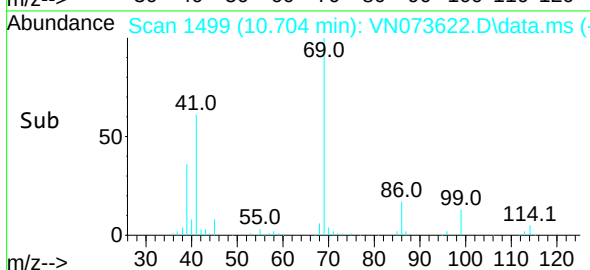
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

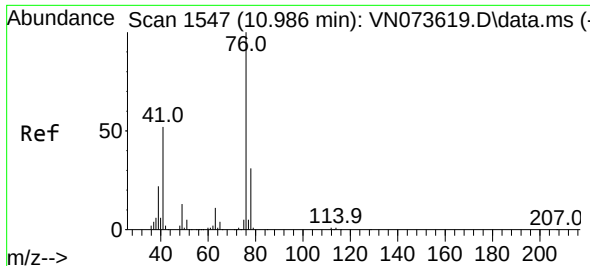


#56
Ethyl methacrylate
Concen: 21.197 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. 0.000 min
Lab File: VN073622.D
Acq: 28 Jul 2022 13:22



Tgt Ion: 69 Resp: 134001
Ion Ratio Lower Upper
69 100
41 59.5 47.8 71.6
39 35.6 27.3 40.9





#57

1,3-Dichloropropane

Concen: 19.811 ug/l

RT: 10.986 min Scan# 1547

Delta R.T. 0.000 min

Lab File: VN073622.D

Acq: 28 Jul 2022 13:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 76 Resp: 153662

Ion Ratio Lower Upper

76 100

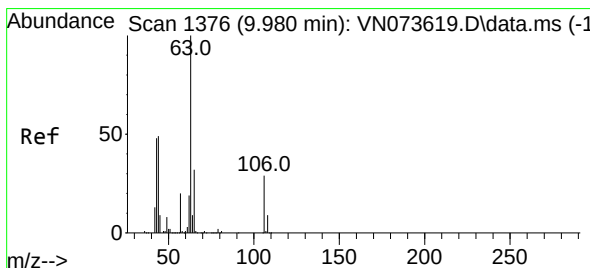
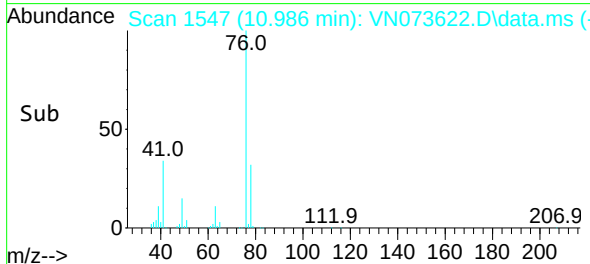
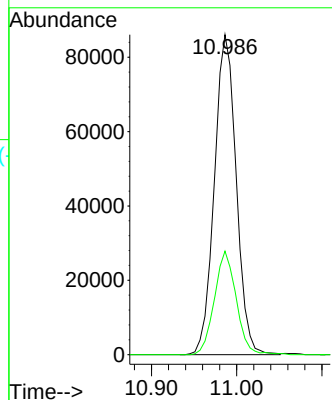
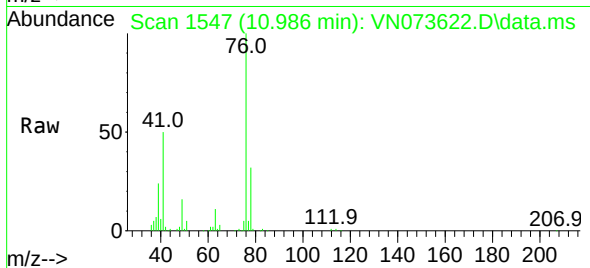
78 32.3 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/29/2022

Supervised By :Mahesh Dadoda 07/29/2022



#58

2-Chloroethyl Vinyl ether

Concen: 99.321 ug/l

RT: 9.980 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VN073622.D

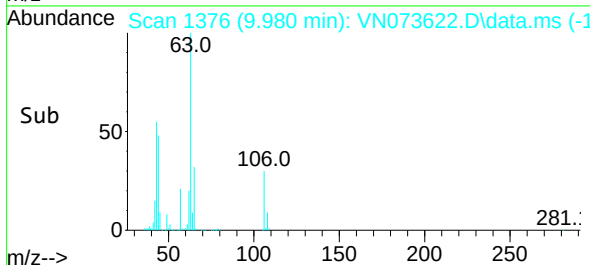
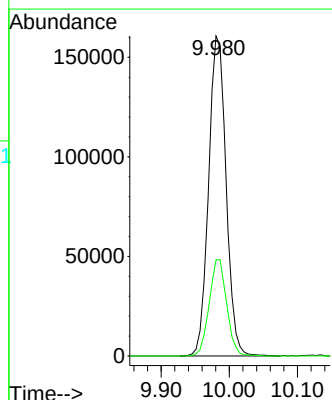
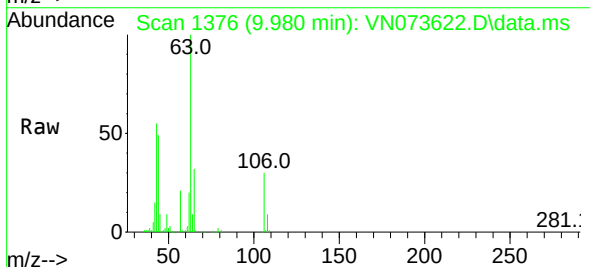
Acq: 28 Jul 2022 13:22

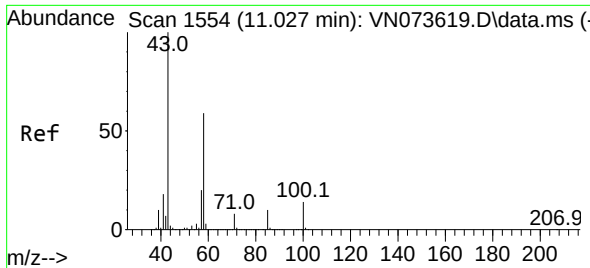
Tgt Ion: 63 Resp: 286959

Ion Ratio Lower Upper

63 100

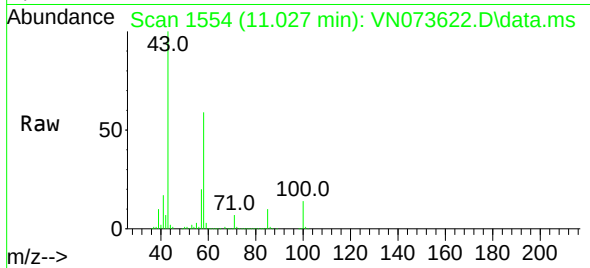
106 30.1 24.6 36.8





#59
2-Hexanone
Concen: 104.123 ug/l
RT: 11.027 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VN073622.D
Acq: 28 Jul 2022 13:22

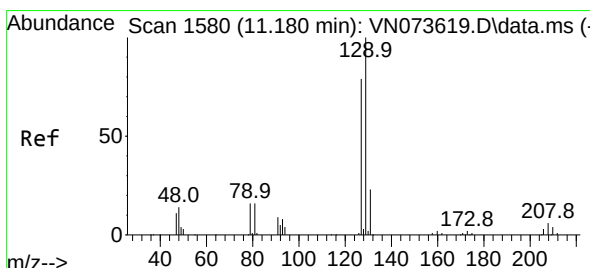
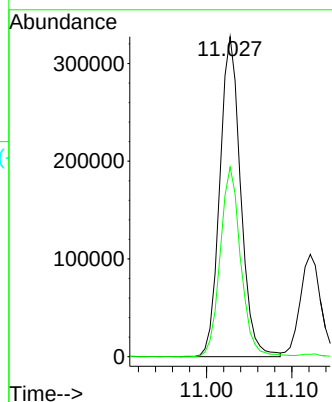
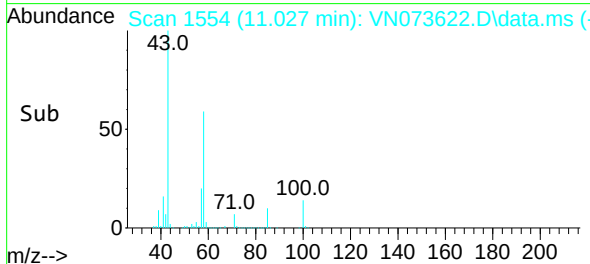
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 55566
Ion Ratio Lower Upper
43 100
58 58.4 29.7 89.1

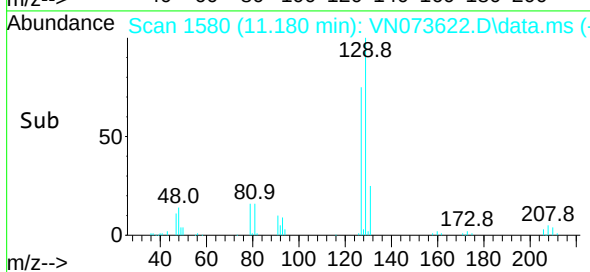
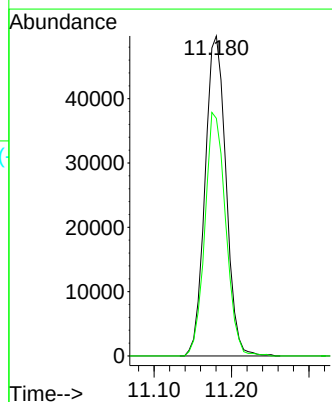
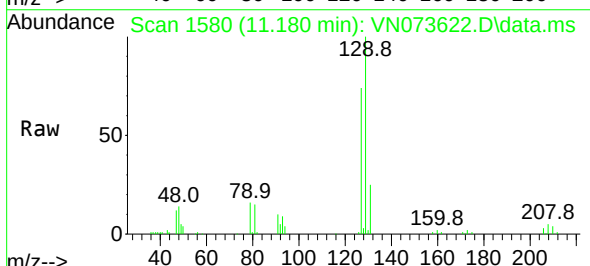
Manual Integrations
APPROVED

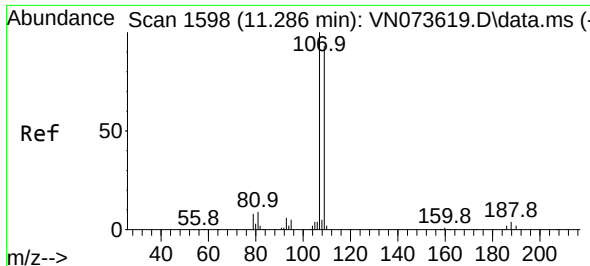
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#60
Dibromochloromethane
Concen: 20.133 ug/l
RT: 11.180 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VN073622.D
Acq: 28 Jul 2022 13:22

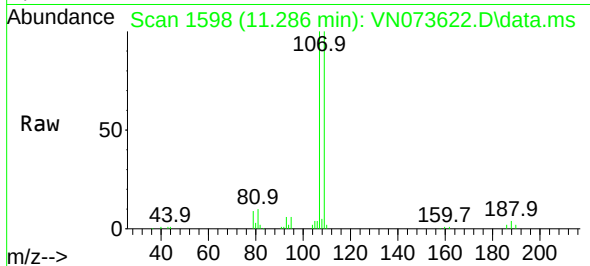
Tgt Ion:129 Resp: 93287
Ion Ratio Lower Upper
129 100
127 75.9 38.8 116.4





#61
1,2-Dibromoethane
Concen: 19.688 ug/l
RT: 11.286 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN073622.D
Acq: 28 Jul 2022 13:22

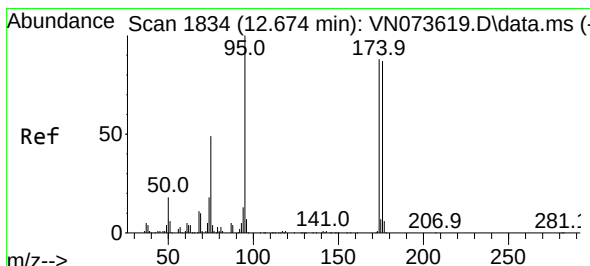
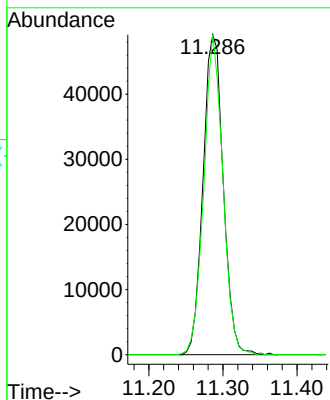
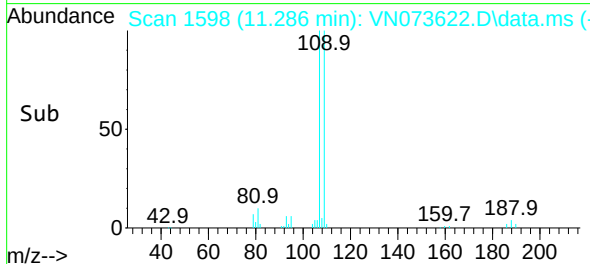
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



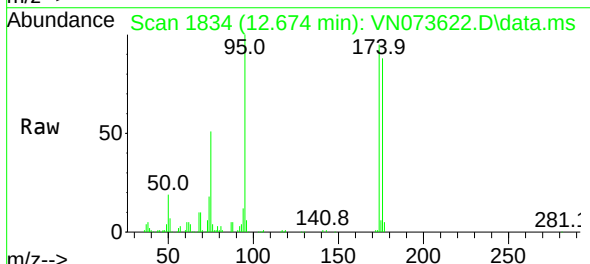
Tgt Ion: 107 Resp: 9287
Ion Ratio Lower Upper
107 100
109 94.6 75.0 112.6

Manual Integrations
APPROVED

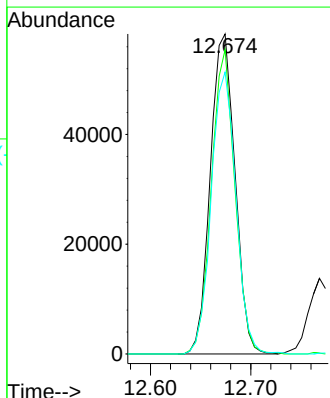
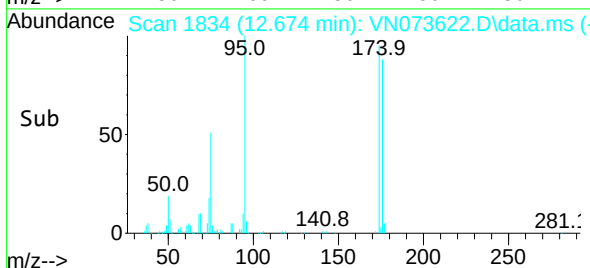
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

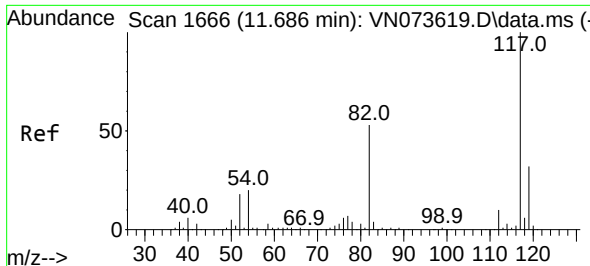


#62
4-Bromofluorobenzene
Concen: 20.979 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073622.D
Acq: 28 Jul 2022 13:22



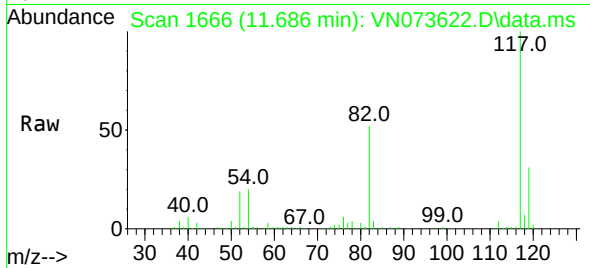
Tgt Ion: 95 Resp: 99901
Ion Ratio Lower Upper
95 100
174 90.8 0.0 167.6
176 88.1 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN073622.D
Acq: 28 Jul 2022 13:22

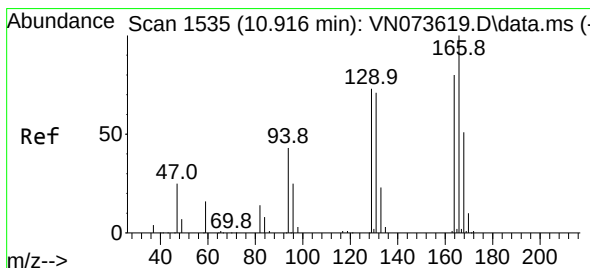
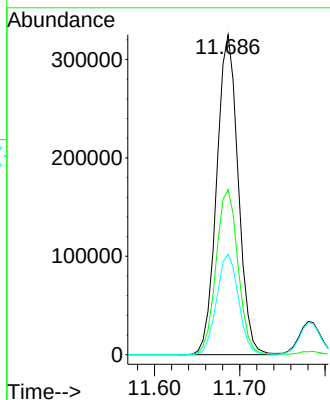
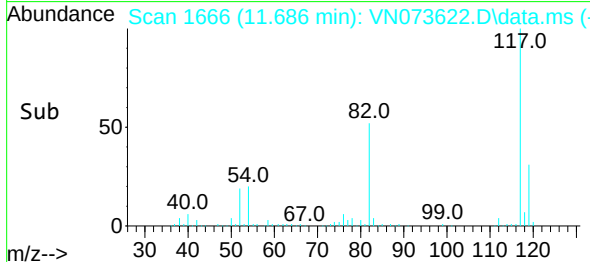
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:117 Resp: 570715
Ion Ratio Lower Upper
117 100
82 51.6 44.2 66.2
119 31.5 25.4 38.0

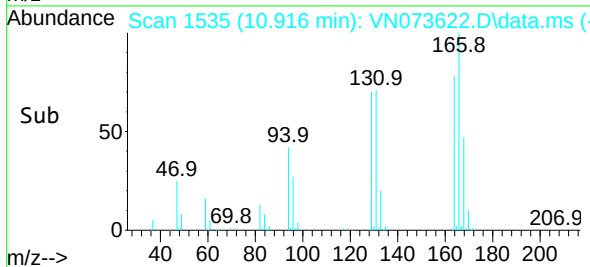
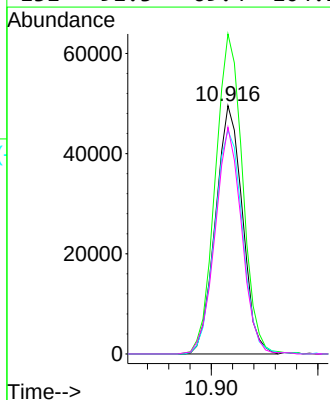
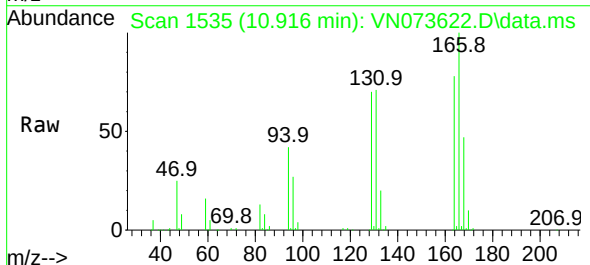
Manual Integrations
APPROVED

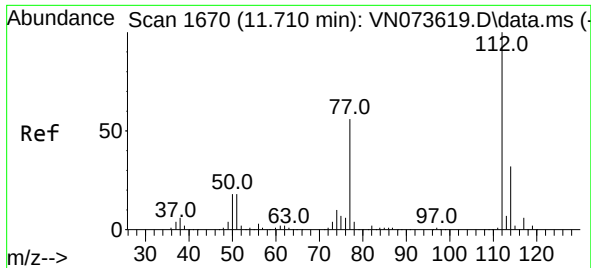
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#64
Tetrachloroethene
Concen: 19.215 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. 0.000 min
Lab File: VN073622.D
Acq: 28 Jul 2022 13:22

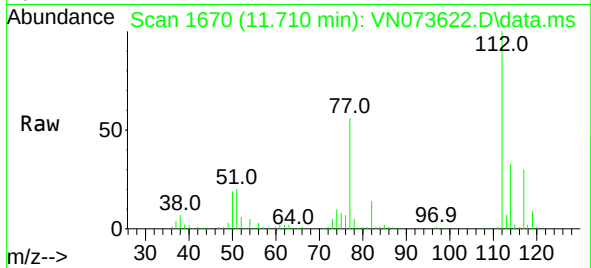
Tgt Ion:164 Resp: 86820
Ion Ratio Lower Upper
164 100
166 128.9 104.2 156.2
129 90.1 73.9 110.9
131 91.3 69.4 104.2





#65
Chlorobenzene
Concen: 19.444 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VN073622.D
Acq: 28 Jul 2022 13:22

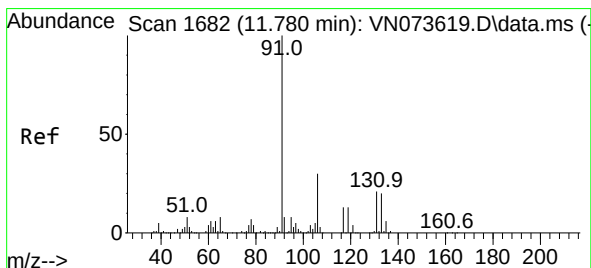
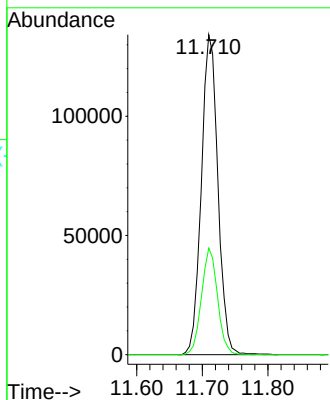
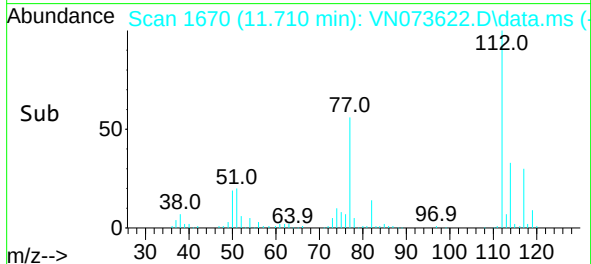
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



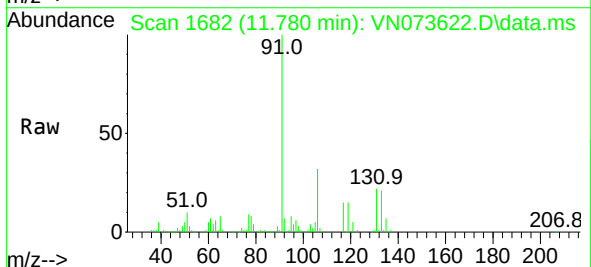
Tgt Ion:112 Resp: 236179
Ion Ratio Lower Upper
112 100
114 33.3 25.4 38.2

Manual Integrations
APPROVED

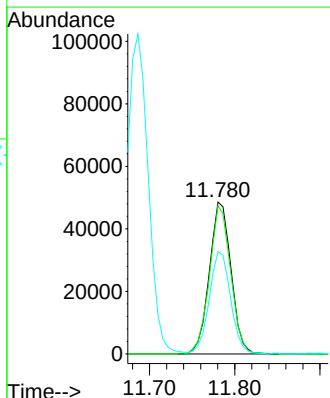
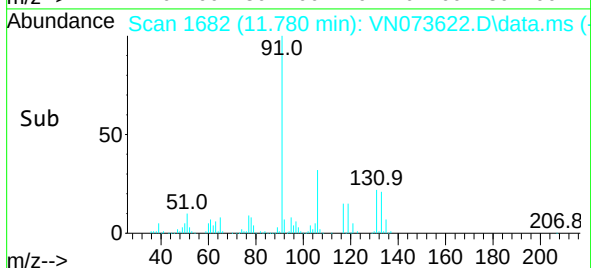
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

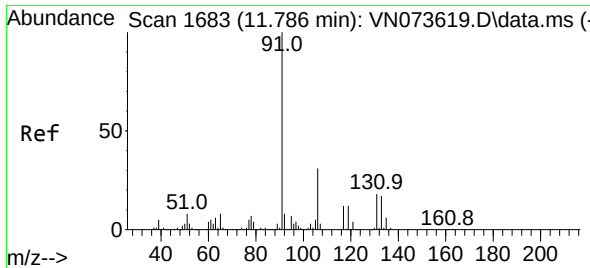


#66
1,1,1,2-Tetrachloroethane
Concen: 19.940 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073622.D
Acq: 28 Jul 2022 13:22



Tgt Ion:131 Resp: 85697
Ion Ratio Lower Upper
131 100
133 95.7 47.8 143.4
119 66.7 33.4 100.2





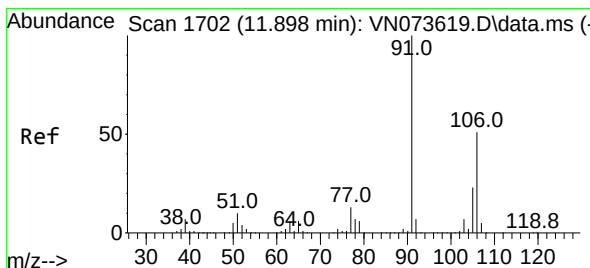
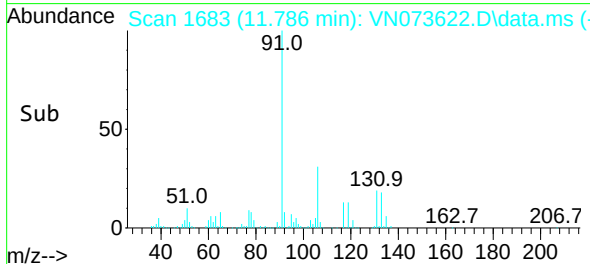
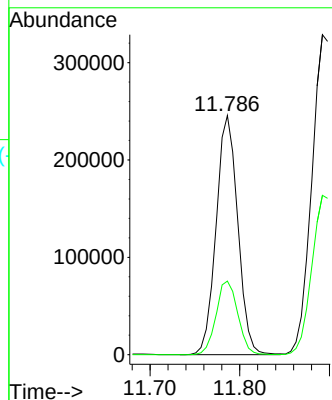
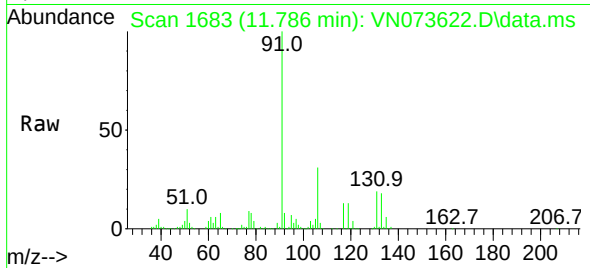
#67
Ethyl Benzene
Concen: 20.335 ug/l
RT: 11.786 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VN073622.D
Acq: 28 Jul 2022 13:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 411060
Ion Ratio Lower Upper
91 100
106 30.8 24.9 37.3

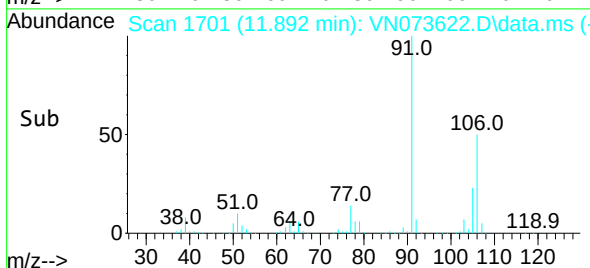
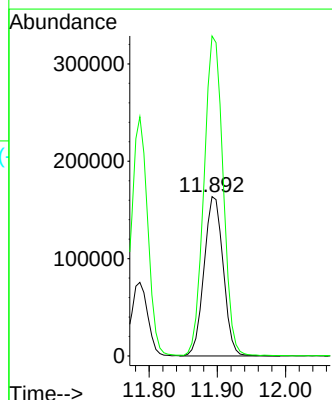
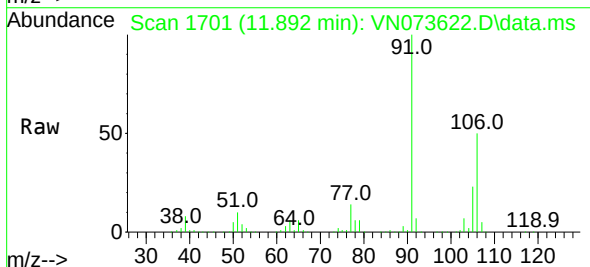
Manual Integrations
APPROVED

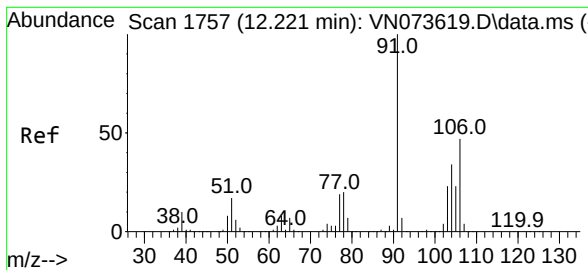
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#68
m/p-Xylenes
Concen: 41.178 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN073622.D
Acq: 28 Jul 2022 13:22

Tgt Ion:106 Resp: 319265
Ion Ratio Lower Upper
106 100
91 200.6 158.9 238.3





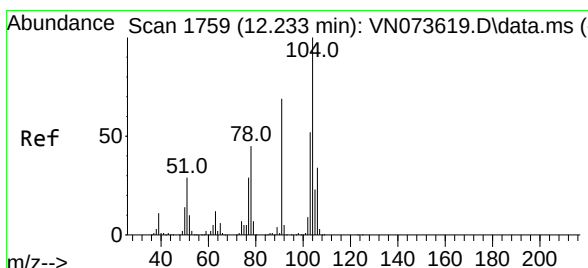
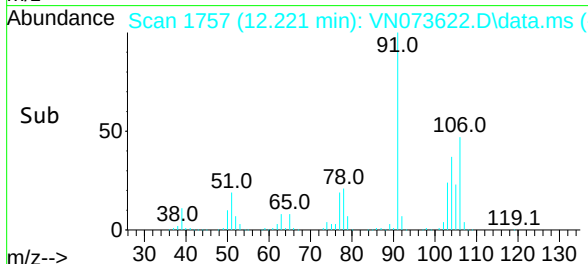
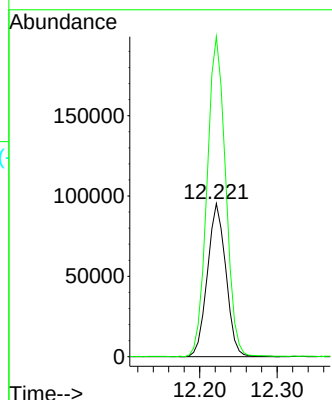
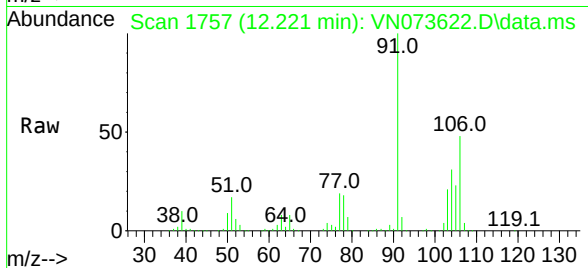
#69
o-Xylene
Concen: 20.908 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VN073622.D
Acq: 28 Jul 2022 13:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 157310
Ion Ratio Lower Upper
106 100
91 211.2 106.0 318.0

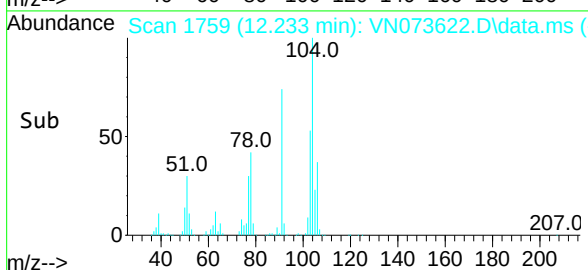
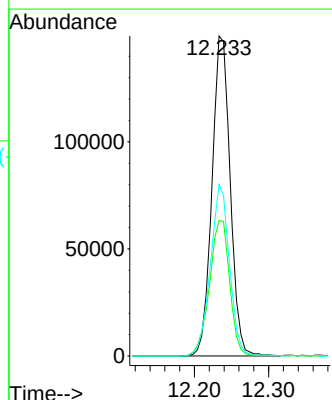
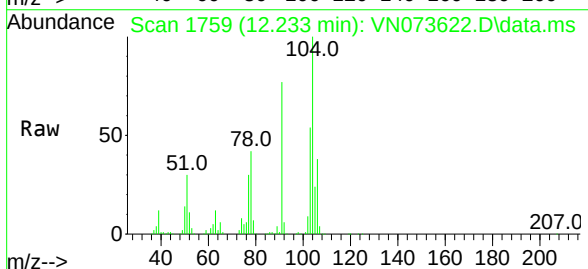
Manual Integrations
APPROVED

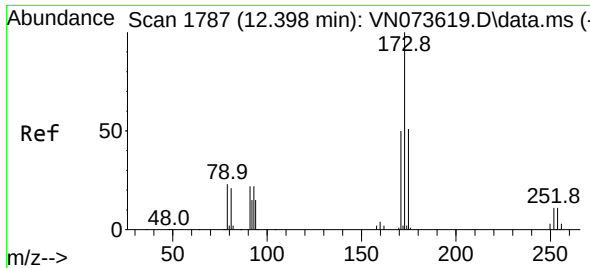
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#70
Styrene
Concen: 21.225 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN073622.D
Acq: 28 Jul 2022 13:22

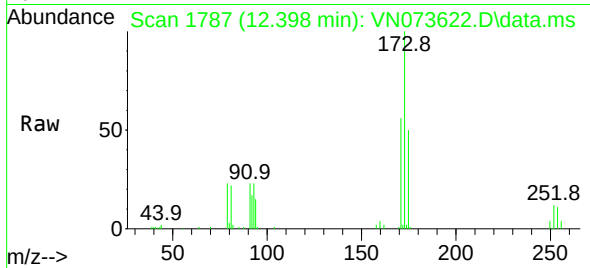
Tgt Ion:104 Resp: 255488
Ion Ratio Lower Upper
104 100
78 47.0 39.5 59.3
103 56.0 44.0 66.0





#71
Bromoform
Concen: 20.245 ug/l
RT: 12.398 min Scan# 1787
Delta R.T. 0.000 min
Lab File: VN073622.D
Acq: 28 Jul 2022 13:22

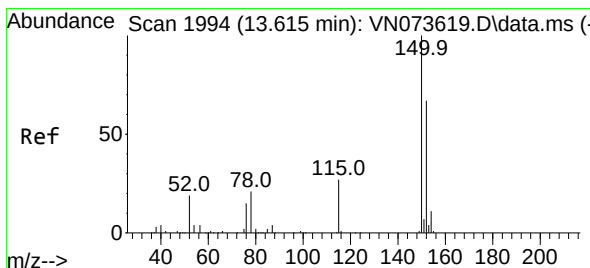
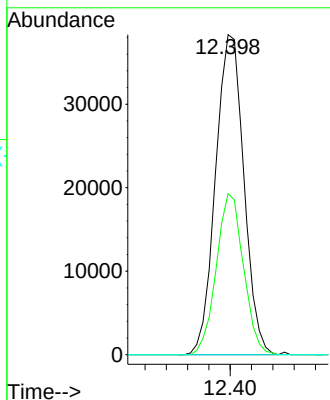
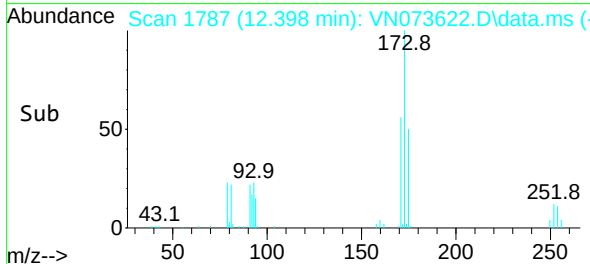
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



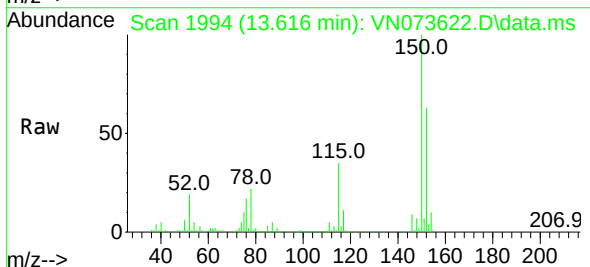
Tgt Ion:173 Resp: 70649
Ion Ratio Lower Upper
173 100
175 48.3 24.6 73.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

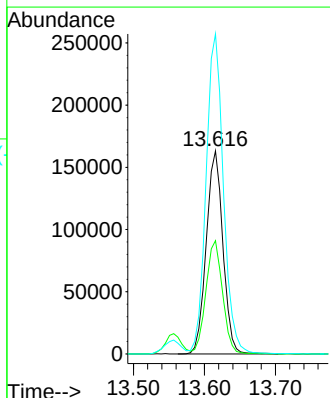
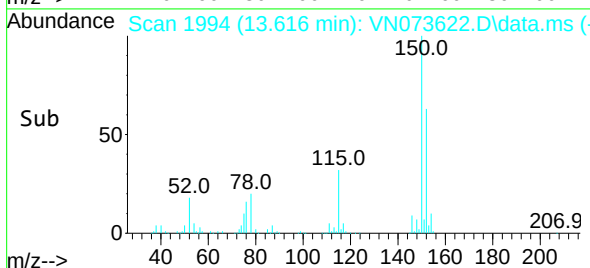
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

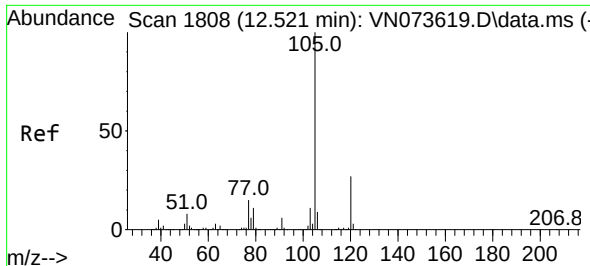


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN073622.D
Acq: 28 Jul 2022 13:22



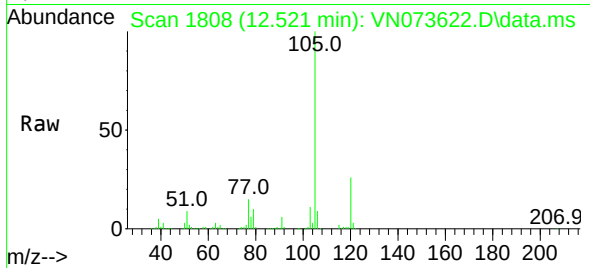
Tgt Ion:152 Resp: 266330
Ion Ratio Lower Upper
152 100
115 56.0 28.9 86.7
150 164.0 0.0 356.2





#73
Isopropylbenzene
Concen: 20.437 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN073622.D
Acq: 28 Jul 2022 13:22

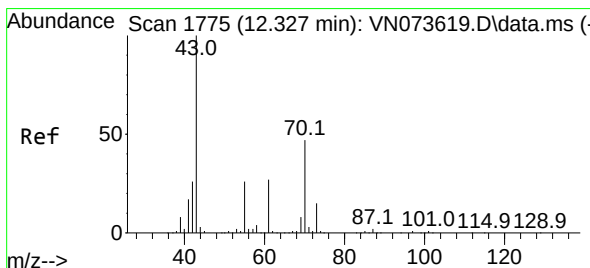
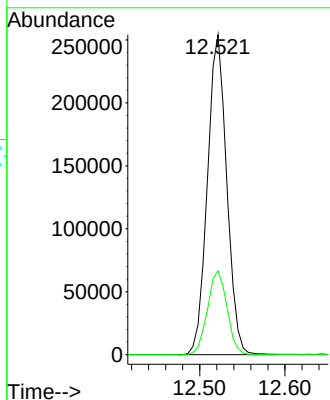
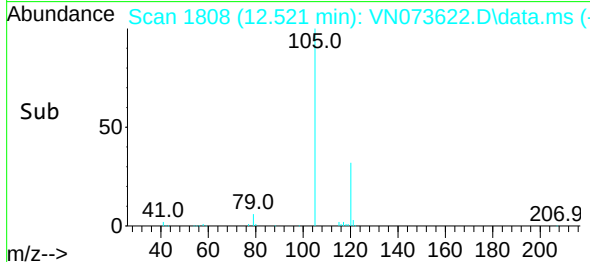
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



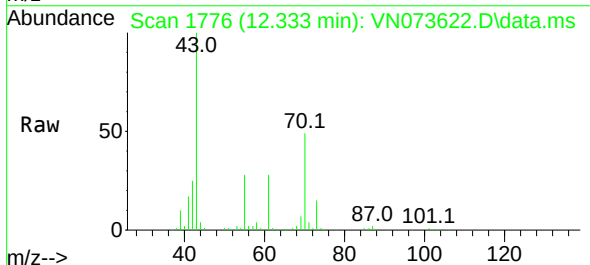
Tgt Ion:105 Resp: 399978
Ion Ratio Lower Upper
105 100
120 26.5 13.5 40.4

Manual Integrations
APPROVED

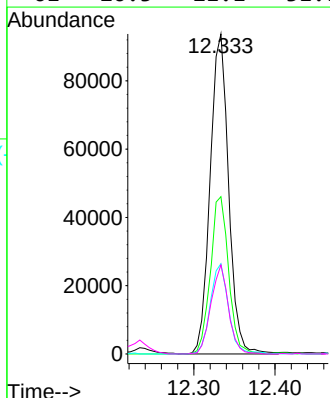
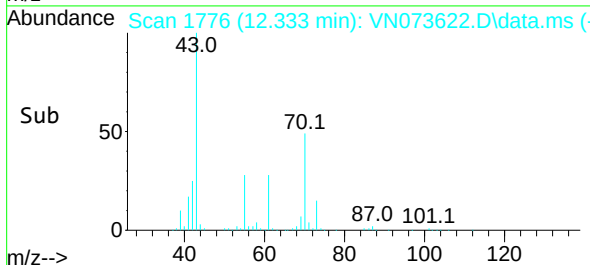
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

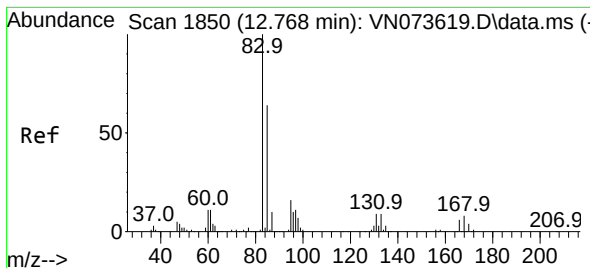


#74
N-ethyl acetate
Concen: 20.176 ug/l
RT: 12.333 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN073622.D
Acq: 28 Jul 2022 13:22



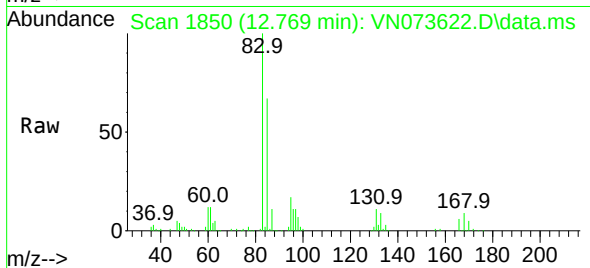
Tgt Ion: 43 Resp: 148121
Ion Ratio Lower Upper
43 100
70 48.5 39.0 58.4
55 27.8 21.1 31.7
61 26.3 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 18.613 ug/l
RT: 12.769 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VN073622.D
Acq: 28 Jul 2022 13:22

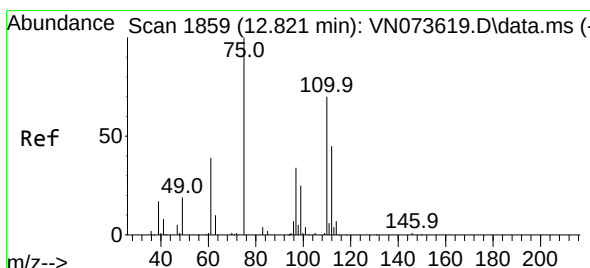
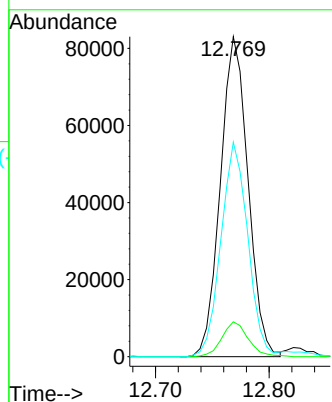
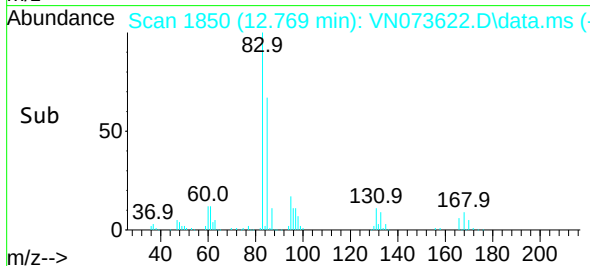
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



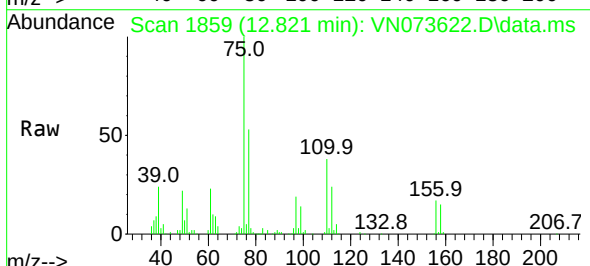
Tgt Ion: 83 Resp: 140375
Ion Ratio Lower Upper
83 100
131 10.5 5.3 15.9
85 65.2 32.3 96.9

Manual Integrations
APPROVED

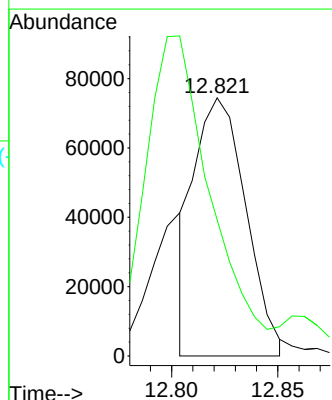
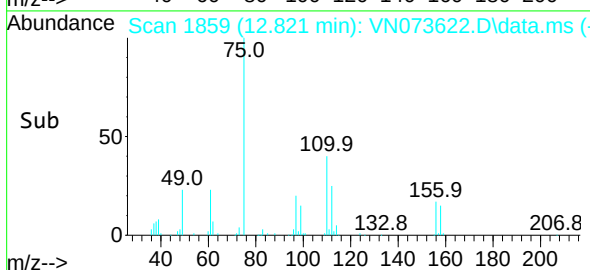
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

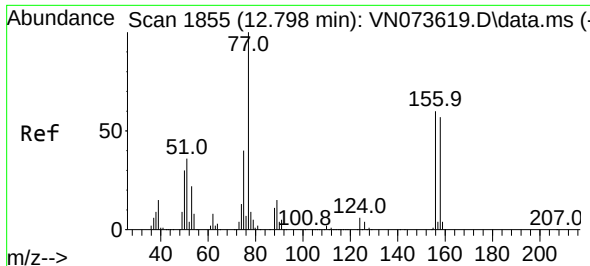


#76
1,2,3-Trichloropropane
Concen: 19.938 ug/l m
RT: 12.821 min Scan# 1859
Delta R.T. 0.000 min
Lab File: VN073622.D
Acq: 28 Jul 2022 13:22



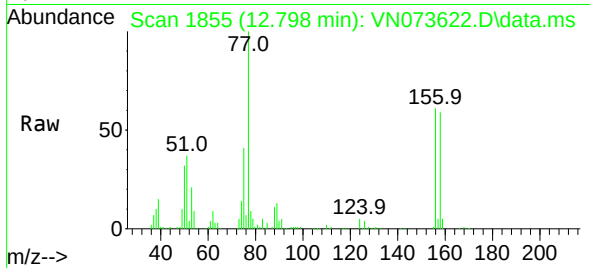
Tgt Ion: 75 Resp: 125820
Ion Ratio Lower Upper
75 100
77 158.0 98.5 295.5





#77
Bromobenzene
Concen: 19.463 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VN073622.D
Acq: 28 Jul 2022 13:22

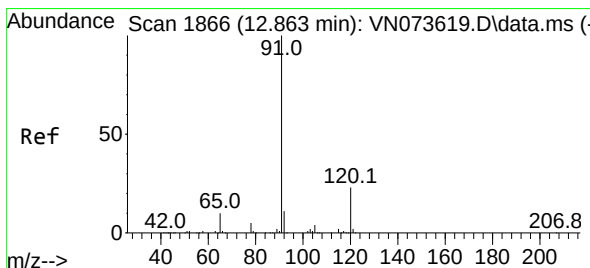
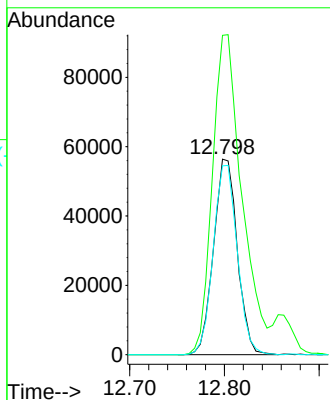
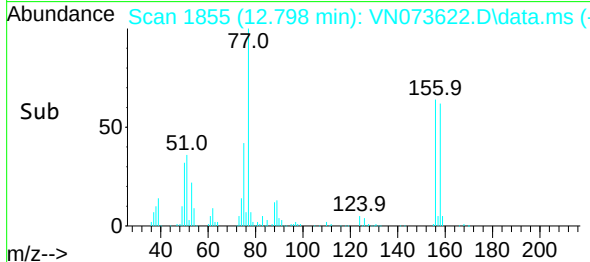
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



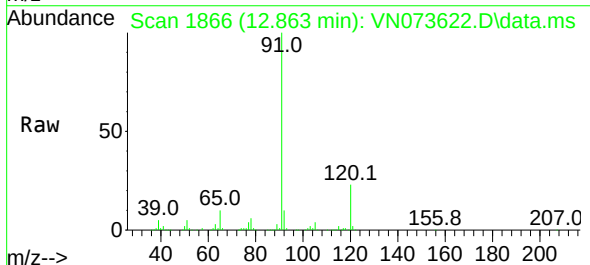
Tgt Ion:156 Resp: 98412
Ion Ratio Lower Upper
156 100
77 202.0 100.5 301.5
158 98.1 48.9 146.6

Manual Integrations
APPROVED

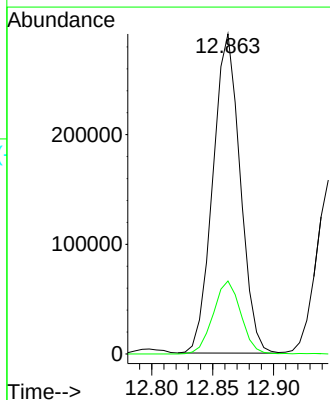
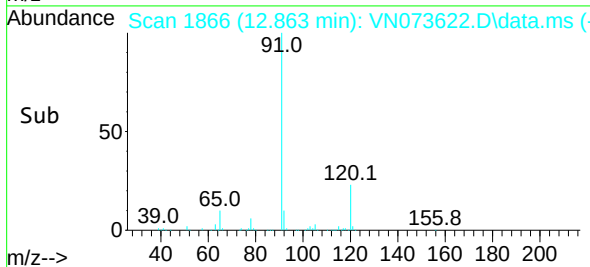
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

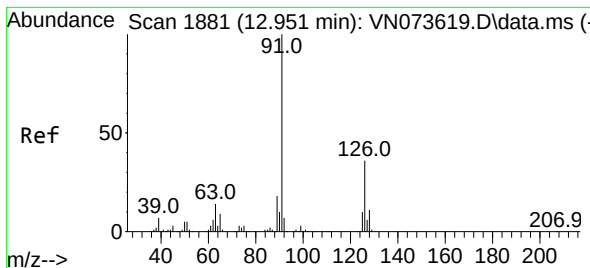


#78
n-propylbenzene
Concen: 20.967 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VN073622.D
Acq: 28 Jul 2022 13:22



Tgt Ion: 91 Resp: 455242
Ion Ratio Lower Upper
91 100
120 23.1 11.9 35.5





#79

2-Chlorotoluene

Concen: 20.069 ug/l

RT: 12.945 min Scan# 1880

Delta R.T. -0.006 min

Lab File: VN073622.D

Acq: 28 Jul 2022 13:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 91 Resp: 272244

Ion Ratio Lower Upper

91 100

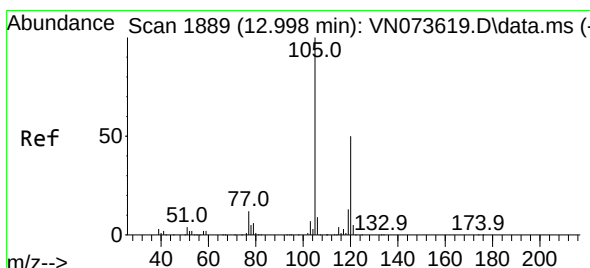
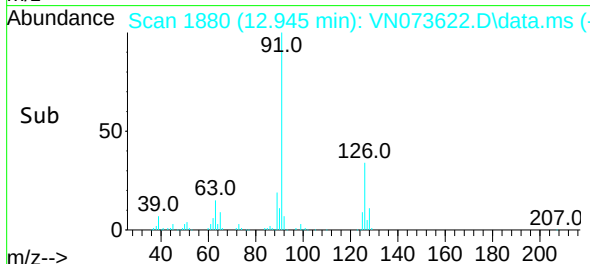
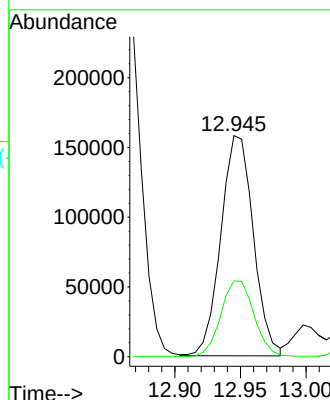
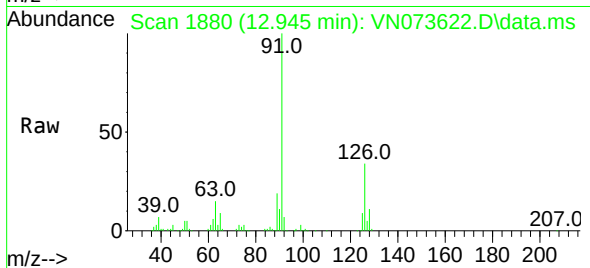
126 35.2 17.3 51.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/29/2022

Supervised By :Mahesh Dadoda 07/29/2022



#80

1,3,5-Trimethylbenzene

Concen: 21.243 ug/l

RT: 12.998 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VN073622.D

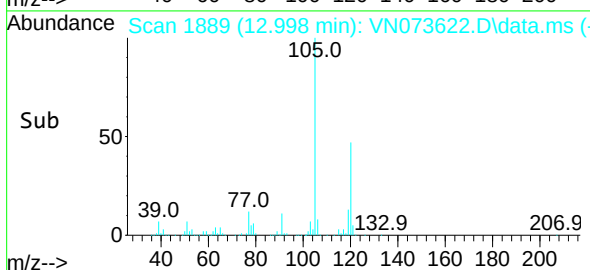
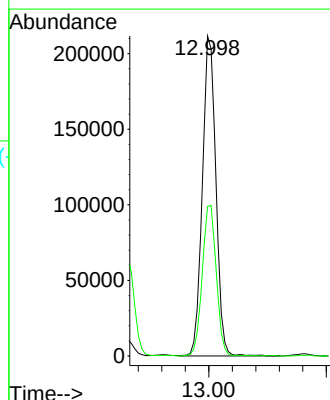
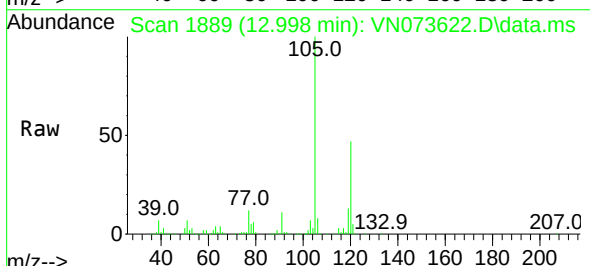
Acq: 28 Jul 2022 13:22

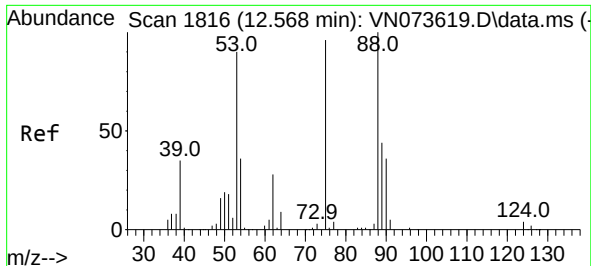
Tgt Ion:105 Resp: 338488

Ion Ratio Lower Upper

105 100

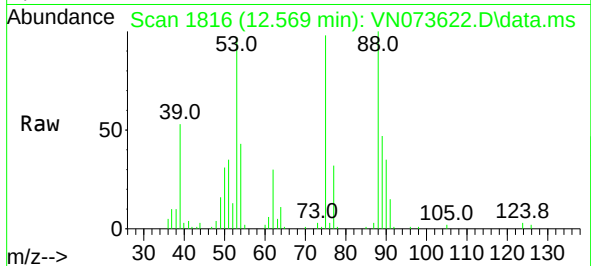
120 48.9 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 20.045 ug/l
RT: 12.569 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN073622.D
Acq: 28 Jul 2022 13:22

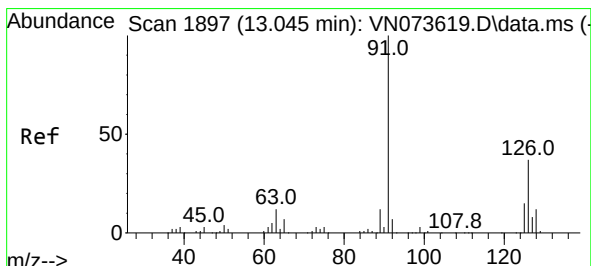
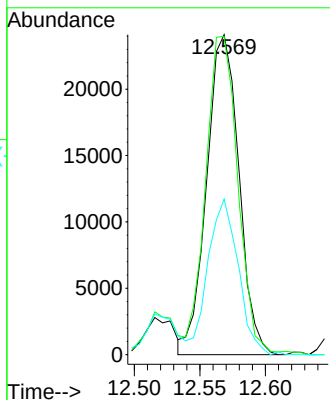
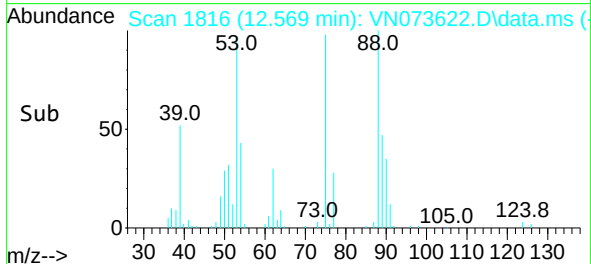
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



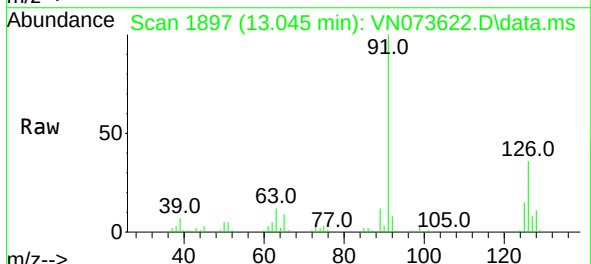
Tgt Ion: 75 Resp: 41194
Ion Ratio Lower Upper
75 100
53 99.2 78.0 117.0
89 45.8 37.2 55.8

Manual Integrations
APPROVED

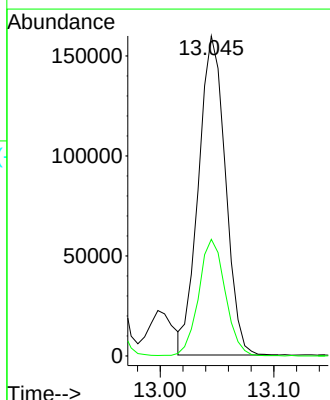
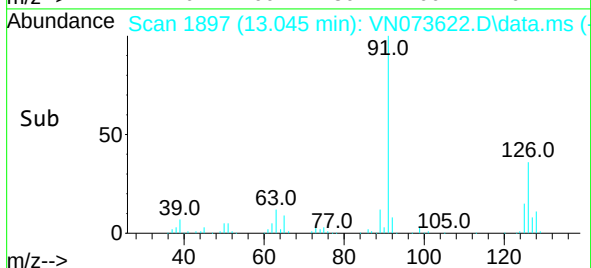
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

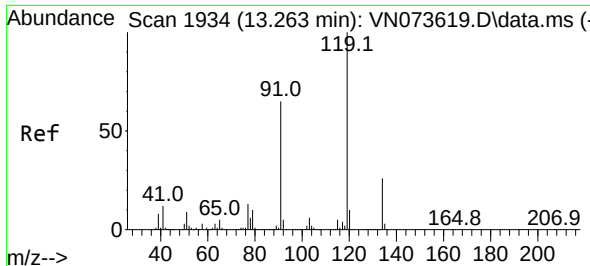


#82
4-Chlorotoluene
Concen: 20.198 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VN073622.D
Acq: 28 Jul 2022 13:22



Tgt Ion: 91 Resp: 262395
Ion Ratio Lower Upper
91 100
126 36.3 17.2 51.6





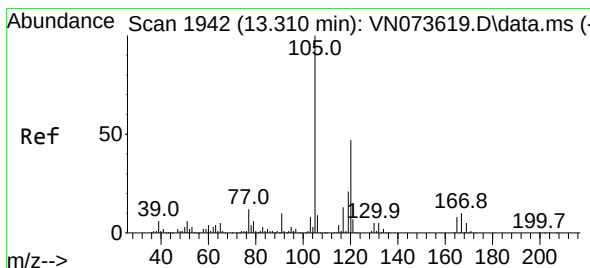
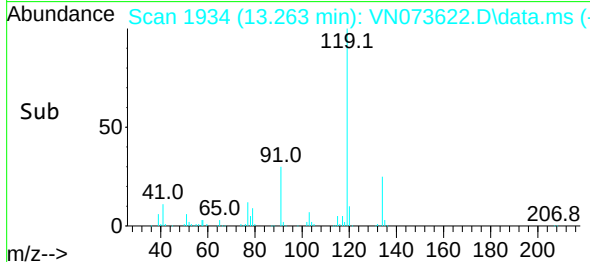
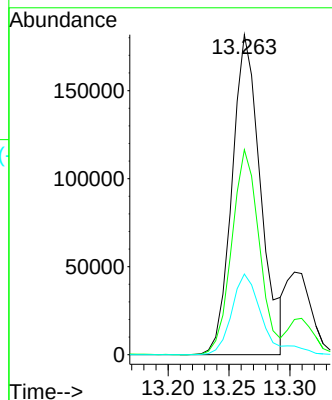
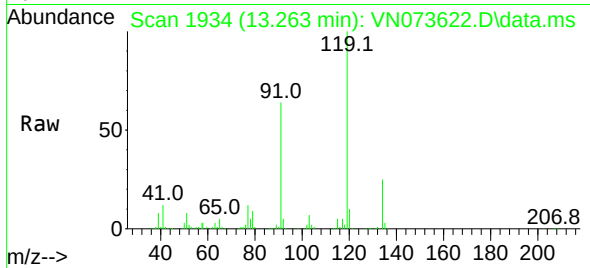
#83
tert-Butylbenzene
Concen: 21.134 ug/l
RT: 13.263 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN073622.D
Acq: 28 Jul 2022 13:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:119 Resp: 29725
Ion Ratio Lower Upper
119 100
91 61.8 31.6 94.8
134 27.0 13.7 41.1

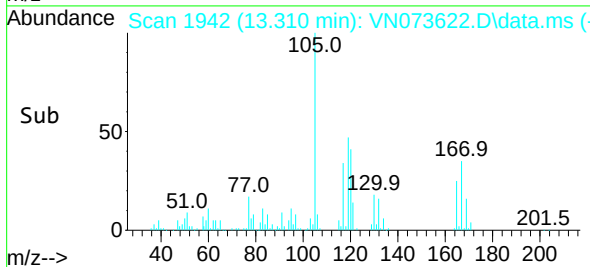
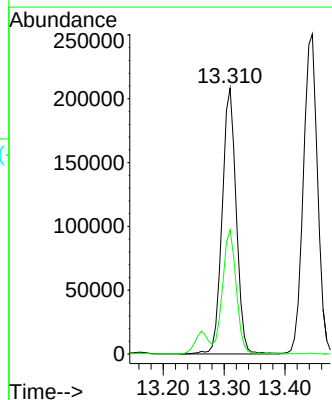
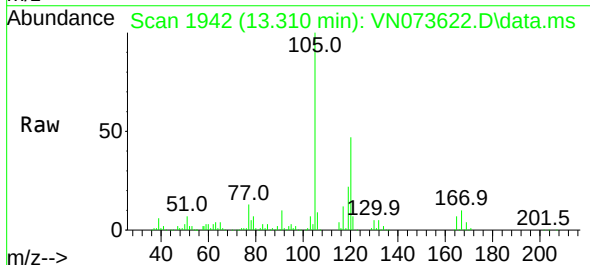
Manual Integrations
APPROVED

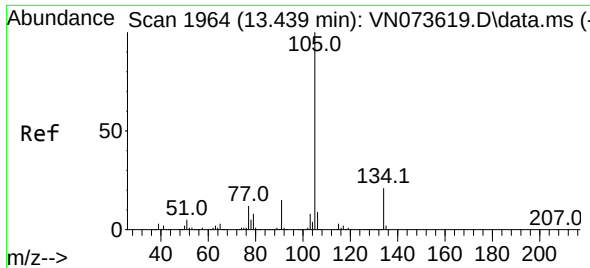
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#84
1,2,4-Trimethylbenzene
Concen: 21.364 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. 0.000 min
Lab File: VN073622.D
Acq: 28 Jul 2022 13:22

Tgt Ion:105 Resp: 333918
Ion Ratio Lower Upper
105 100
120 45.2 23.3 69.8





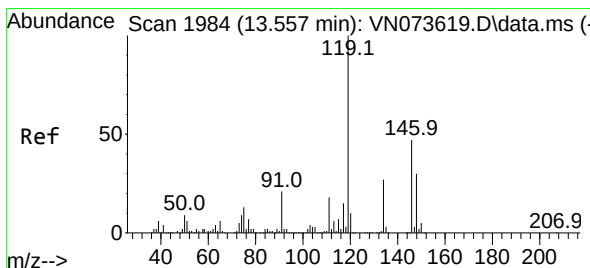
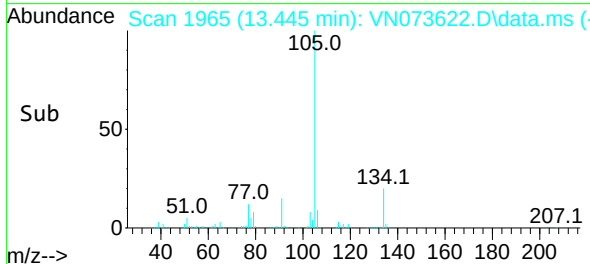
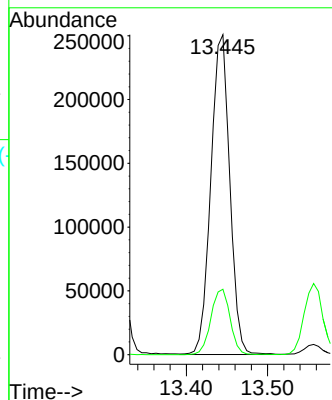
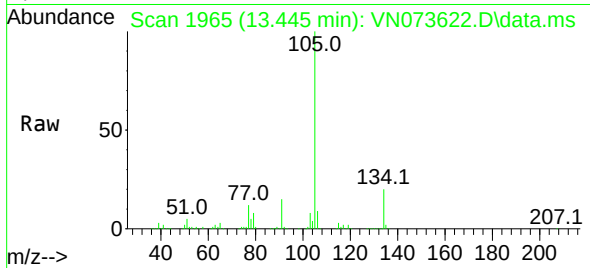
#85
 sec-Butylbenzene
 Concen: 20.927 ug/l
 RT: 13.445 min Scan# 1965
 Delta R.T. 0.006 min
 Lab File: VN073622.D
 Acq: 28 Jul 2022 13:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tgt Ion:105 Resp: 40562
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.4 31.1

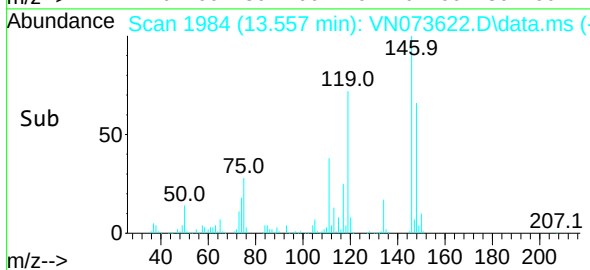
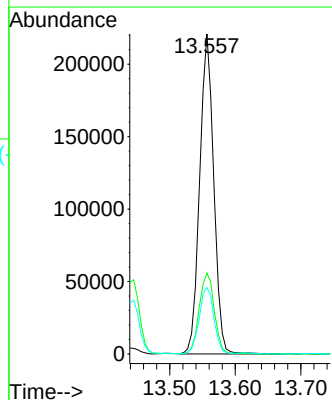
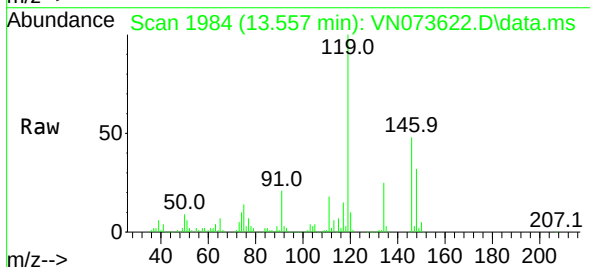
Manual Integrations
 APPROVED

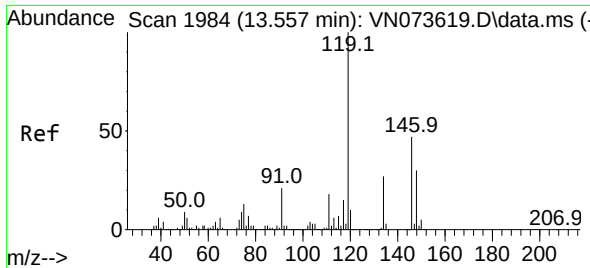
Reviewed By :John Carlone 07/29/2022
 Supervised By :Mahesh Dadoda 07/29/2022



#86
 p-Isopropyltoluene
 Concen: 21.526 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN073622.D
 Acq: 28 Jul 2022 13:22

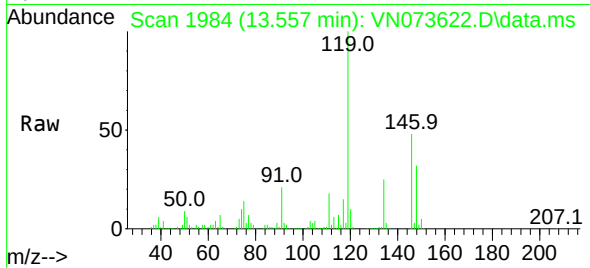
Tgt Ion:119 Resp: 329748
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.3 39.8
 91 21.8 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 19.553 ug/l
RT: 13.557 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VN073622.D
Acq: 28 Jul 2022 13:22

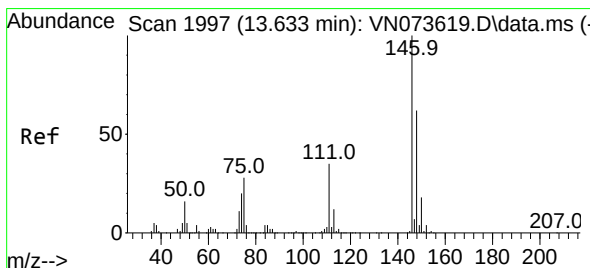
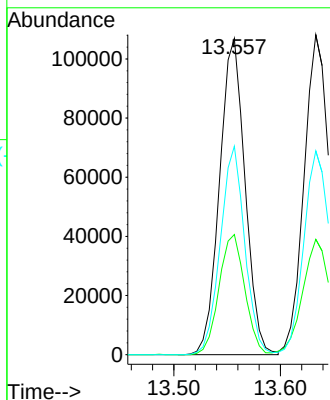
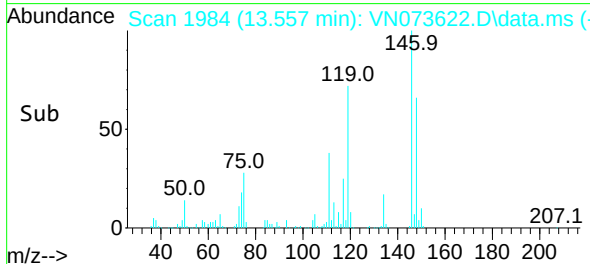
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



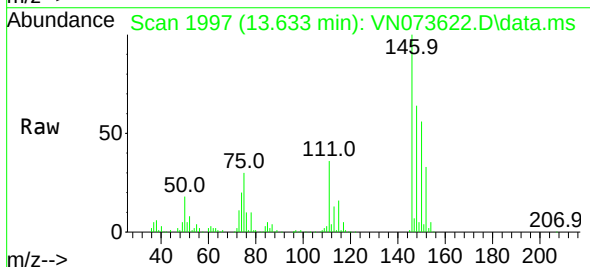
Tgt Ion:146 Resp: 17785
Ion Ratio Lower Upper
146 100
111 38.4 20.0 60.0
148 63.3 32.0 96.0

Manual Integrations
APPROVED

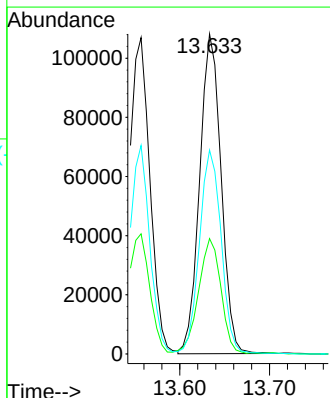
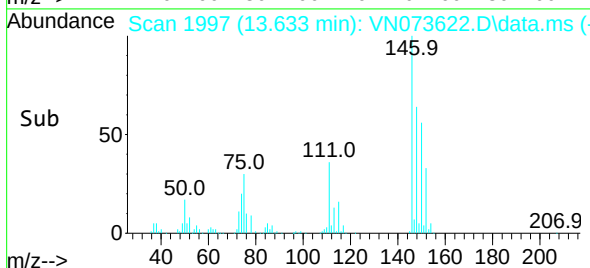
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

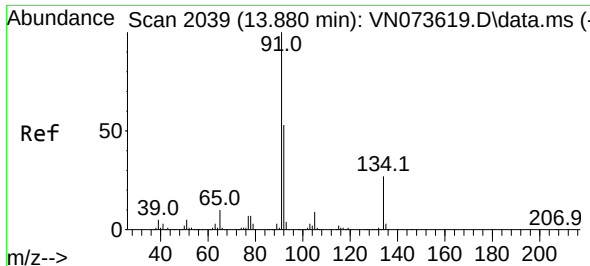


#88
1,4-Dichlorobenzene
Concen: 19.353 ug/l
RT: 13.633 min Scan# 1997
Delta R.T. 0.000 min
Lab File: VN073622.D
Acq: 28 Jul 2022 13:22



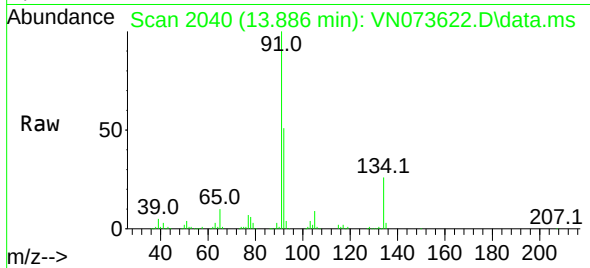
Tgt Ion:146 Resp: 179600
Ion Ratio Lower Upper
146 100
111 37.2 19.1 57.1
148 65.0 31.4 94.3





#89
n-Butylbenzene
Concen: 20.310 ug/l
RT: 13.886 min Scan# 2039
Delta R.T. 0.006 min
Lab File: VN073622.D
Acq: 28 Jul 2022 13:22

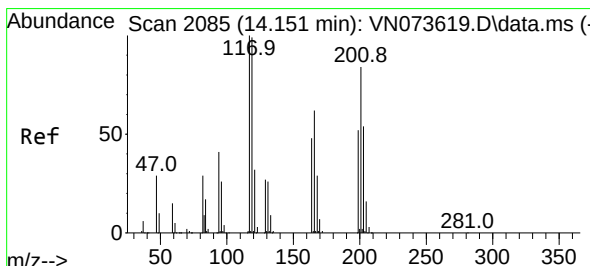
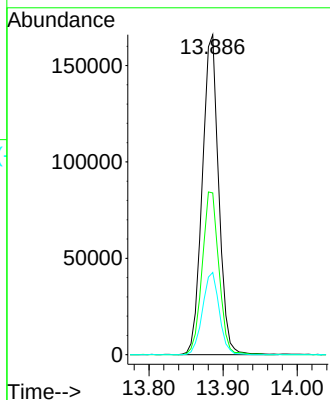
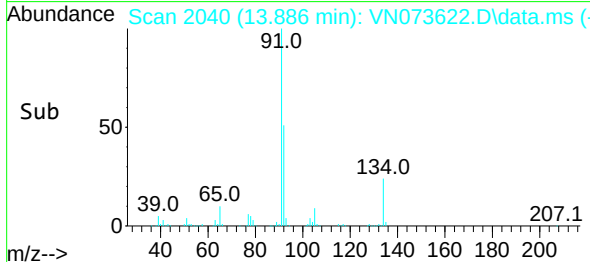
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 91 Resp: 255180
Ion Ratio Lower Upper
91 100
92 51.9 26.9 80.7
134 26.1 13.6 40.8

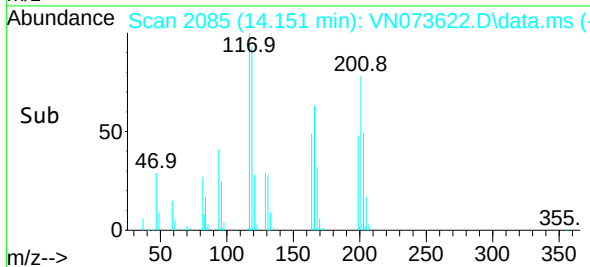
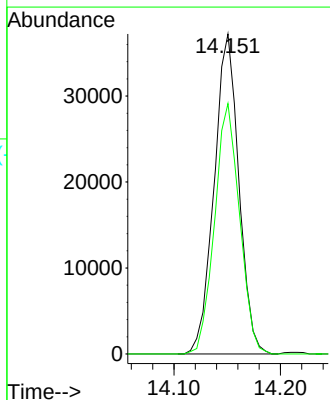
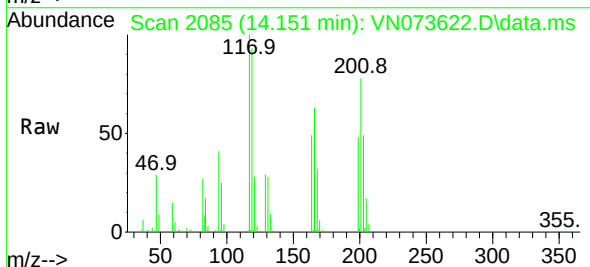
Manual Integrations
APPROVED

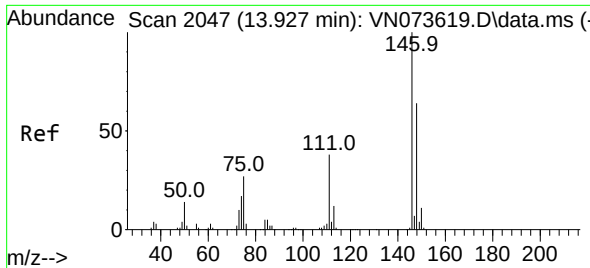
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#90
Hexachloroethane
Concen: 19.075 ug/l
RT: 14.151 min Scan# 2085
Delta R.T. 0.000 min
Lab File: VN073622.D
Acq: 28 Jul 2022 13:22

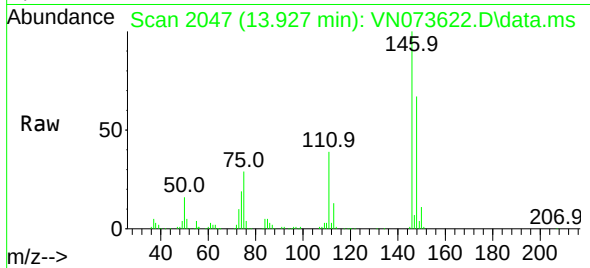
Tgt Ion:117 Resp: 59948
Ion Ratio Lower Upper
117 100
201 78.9 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 19.522 ug/l
RT: 13.927 min Scan# 2047
Delta R.T. 0.000 min
Lab File: VN073622.D
Acq: 28 Jul 2022 13:22

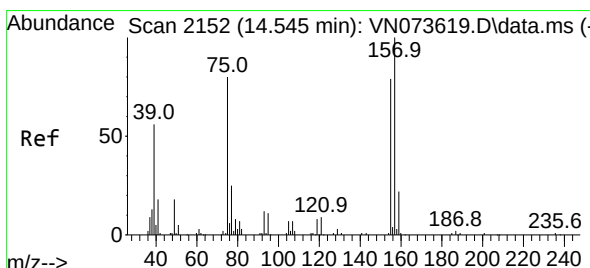
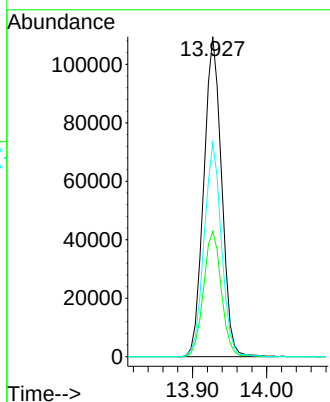
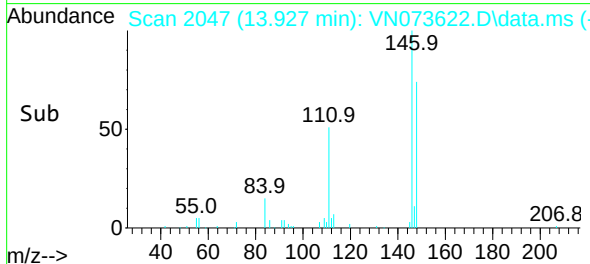
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



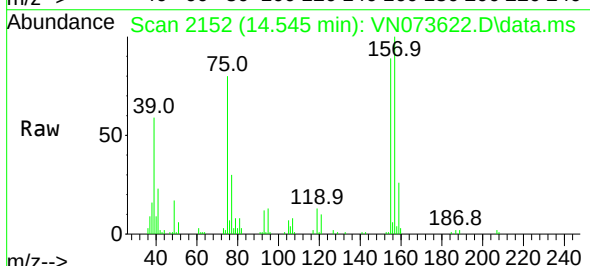
Tgt Ion:146 Resp: 18302
Ion Ratio Lower Upper
146 100
111 39.2 20.9 62.8
148 65.2 32.1 96.3

Manual Integrations
APPROVED

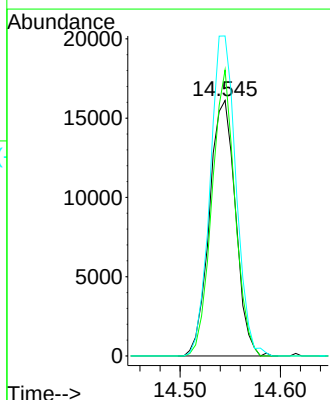
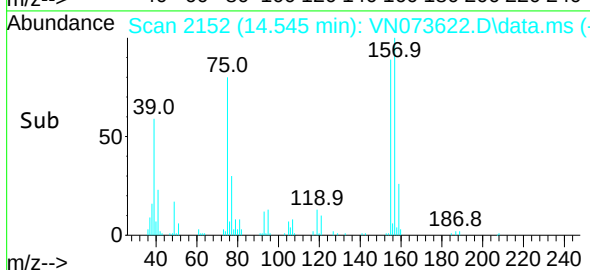
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

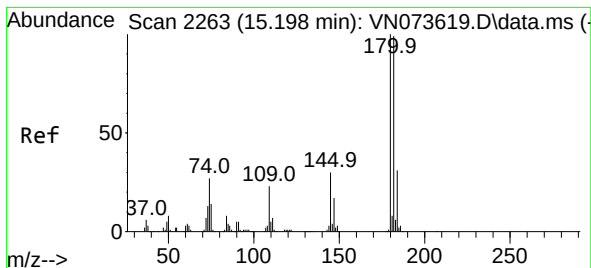


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.582 ug/l
RT: 14.545 min Scan# 2152
Delta R.T. 0.000 min
Lab File: VN073622.D
Acq: 28 Jul 2022 13:22



Tgt Ion: 75 Resp: 29103
Ion Ratio Lower Upper
75 100
155 98.9 44.9 134.5
157 124.3 59.0 176.8





#93

1,2,4-Trichlorobenzene

Concen: 20.694 ug/l

RT: 15.198 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN073622.D

Acq: 28 Jul 2022 13:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion:180 Resp: 9590

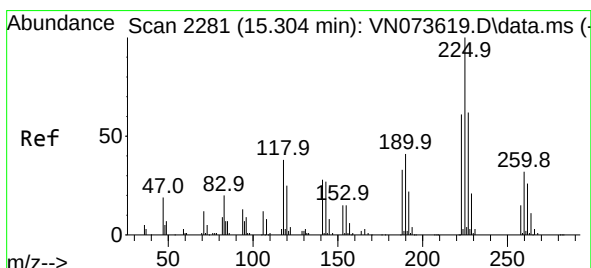
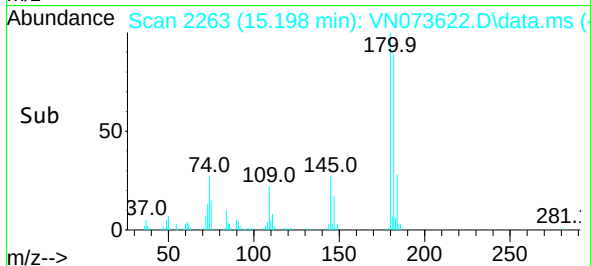
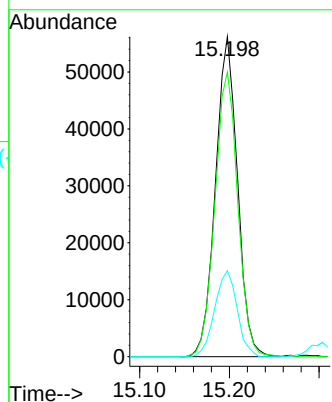
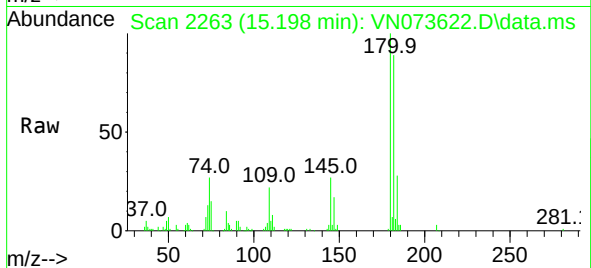
Ion	Ratio	Lower	Upper
180	100		
182	92.1	47.5	142.5
145	27.3	14.5	43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/29/2022

Supervised By :Mahesh Dadoda 07/29/2022



#94

Hexachlorobutadiene

Concen: 19.106 ug/l

RT: 15.304 min Scan# 2281

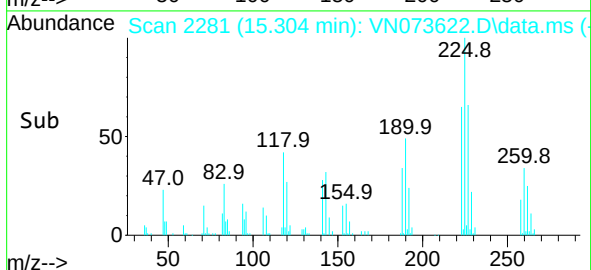
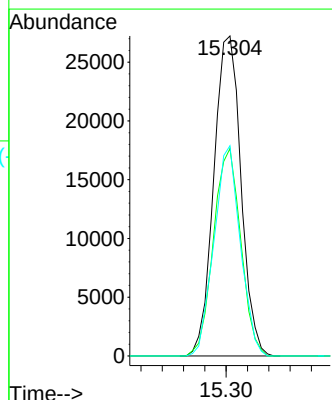
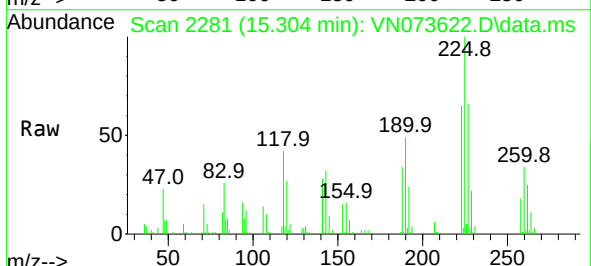
Delta R.T. 0.000 min

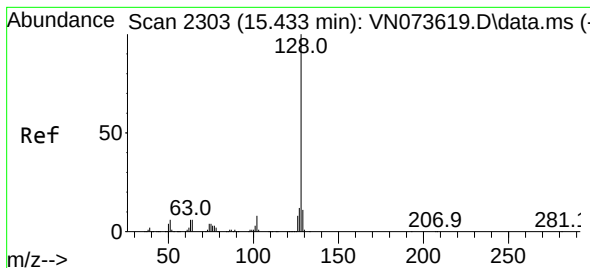
Lab File: VN073622.D

Acq: 28 Jul 2022 13:22

Tgt Ion:225 Resp: 48228

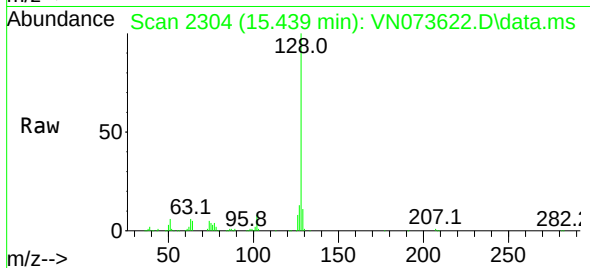
Ion	Ratio	Lower	Upper
225	100		
223	64.9	32.4	97.2
227	63.6	31.8	95.4





#95
Naphthalene
Concen: 21.764 ug/l
RT: 15.439 min Scan# 2304
Delta R.T. 0.006 min
Lab File: VN073622.D
Acq: 28 Jul 2022 13:22

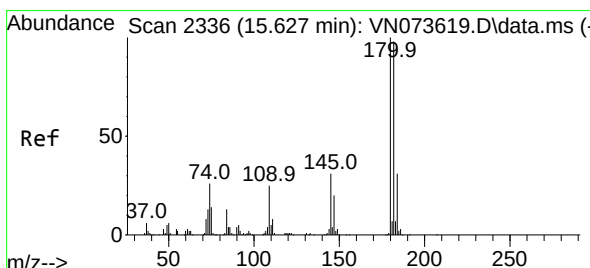
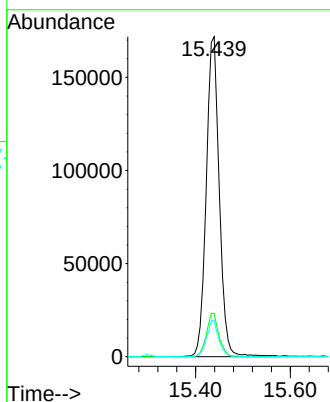
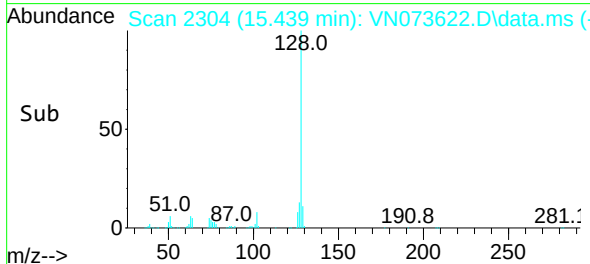
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



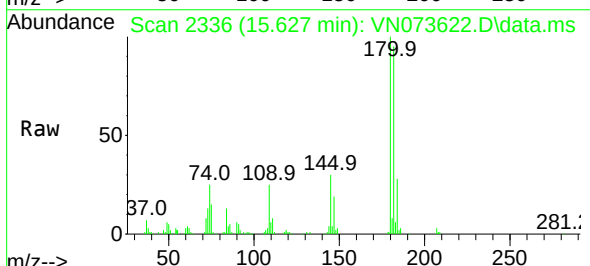
Tgt Ion:128 Resp: 328010
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.6 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#96
1,2,3-Trichlorobenzene
Concen: 20.792 ug/l
RT: 15.627 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VN073622.D
Acq: 28 Jul 2022 13:22



Tgt Ion:180 Resp: 100824
Ion Ratio Lower Upper
180 100
182 95.1 47.8 143.3
145 29.6 15.5 46.5

