

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072822\
 Data File : VN073624.D
 Acq On : 28 Jul 2022 15:00
 Operator : JC\MD
 Sample : VSTDIC075
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC075

Quant Time: Jul 29 01:32:48 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	436547	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	668732	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	634324	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	323802	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	382593	71.916	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 143.840%#			
35) Dibromofluoromethane	7.945	113	332021	79.067	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 158.140%#			
50) Toluene-d8	10.381	98	1359828	82.292	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 164.580%#			
62) 4-Bromofluorobenzene	12.669	95	456097	89.261	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 178.520%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.046	85	303674	72.865	ug/l	97
3) Chloromethane	2.269	50	362876	59.540	ug/l	100
4) Vinyl Chloride	2.405	62	477230	64.920	ug/l	99
5) Bromomethane	2.781	94	261500	60.887	ug/l	95
6) Chloroethane	2.946	64	312339	60.602	ug/l	99
7) Trichlorofluoromethane	3.305	101	501214	65.957	ug/l	98
8) Diethyl Ether	3.763	74	195925	70.305	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.134	101	297286	68.649	ug/l	99
10) Methyl Iodide	4.340	142	351927	81.984	ug/l	98
11) Tert butyl alcohol	5.287	59	400795	349.325	ug/l	99
12) 1,1-Dichloroethene	4.104	96	282386	69.517	ug/l	95
13) Acrolein	3.975	56	373342	328.223	ug/l	97
14) Allyl chloride	4.751	41	451878	67.223	ug/l	98
15) Acrylonitrile	5.469	53	1062563	338.340	ug/l	100
16) Acetone	4.216	43	936611	328.699	ug/l	98
17) Carbon Disulfide	4.451	76	755834	67.834	ug/l	100
18) Methyl Acetate	4.769	43	452821	63.902	ug/l	100
19) Methyl tert-butyl Ether	5.528	73	1017318	73.146	ug/l	99
20) Methylene Chloride	5.010	84	336403	59.355	ug/l	99
21) trans-1,2-Dichloroethene	5.510	96	316703	70.421	ug/l	93
22) Diisopropyl ether	6.410	45	985429	70.703	ug/l	99
23) Vinyl Acetate	6.345	43	4381701	370.608	ug/l	100
24) 1,1-Dichloroethane	6.304	63	576518	66.921	ug/l	98
25) 2-Butanone	7.257	43	1465770	328.426	ug/l	99
26) 2,2-Dichloropropane	7.245	77	494814	71.236	ug/l	99
27) cis-1,2-Dichloroethene	7.245	96	382868	69.629	ug/l	96
28) Bromochloromethane	7.581	49	255928	70.465	ug/l	98
29) Tetrahydrofuran	7.604	42	935529	331.671	ug/l	97
30) Chloroform	7.745	83	612252	67.138	ug/l	99
31) Cyclohexane	8.022	56	524878	66.269	ug/l	99
32) 1,1,1-Trichloroethane	7.939	97	534072	70.562	ug/l	98
36) 1,1-Dichloropropene	8.145	75	460297	76.873	ug/l	100
37) Ethyl Acetate	7.334	43	566323	74.970	ug/l	99
38) Carbon Tetrachloride	8.128	117	458760	76.450	ug/l	98
39) Methylcyclohexane	9.392	83	602270	85.429	ug/l	97
40) Benzene	8.387	78	1405945	72.942	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	258610	72.917	ug/l	97
42) 1,2-Dichloroethane	8.463	62	457944	69.529	ug/l	98
43) Isopropyl Acetate	8.492	43	808290	76.391	ug/l	99
44) Trichloroethene	9.151	130	377695	77.743	ug/l	98
45) 1,2-Dichloropropane	9.428	63	349969	72.568	ug/l	98
46) Dibromomethane	9.510	93	248361	73.896	ug/l	99
47) Bromodichloromethane	9.698	83	479635	74.900	ug/l	98
48) Methyl methacrylate	9.492	41	383933	84.039	ug/l	98
49) 1,4-Dioxane	9.504	88	196018	1553.917	ug/l	97
51) 4-Methyl-2-Pentanone	10.269	43	2828796	376.891	ug/l	100
52) Toluene	10.445	92	929115	79.324	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	539774	84.807	ug/l	99
54) cis-1,3-Dichloropropene	10.128	75	585386	82.026	ug/l	99
55) 1,1,2-Trichloroethane	10.839	97	368594	73.787	ug/l	99
56) Ethyl methacrylate	10.698	69	595190	87.742	ug/l	98
57) 1,3-Dichloropropane	10.986	76	620146	74.510	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.981	63	1410035	454.820	ug/l	100
59) 2-Hexanone	11.028	43	2219315	387.559	ug/l	100
60) Dibromochloromethane	11.175	129	401018	80.656	ug/l	100
61) 1,2-Dibromoethane	11.286	107	393428	77.726	ug/l	100
64) Tetrachloroethene	10.916	164	364615	72.606	ug/l	99
65) Chlorobenzene	11.710	112	1014314	75.130	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	369951	77.449	ug/l	99
67) Ethyl Benzene	11.786	91	1809650	80.544	ug/l	98
68) m/p-Xylenes	11.892	106	1422576	165.081	ug/l	99
69) o-Xylene	12.222	106	693803	82.967	ug/l	98
70) Styrene	12.233	104	1154484	86.293	ug/l	98
71) Bromoform	12.398	173	323515	83.416	ug/l	100
73) Isopropylbenzene	12.522	105	1820600	76.514	ug/l	100
74) N-amyl acetate	12.327	43	686861	76.953	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.769	83	577897	63.025	ug/l	100
76) 1,2,3-Trichloropropane	12.822	75	423434m	55.189	ug/l	
77) Bromobenzene	12.798	156	452105	73.542	ug/l	95
78) n-propylbenzene	12.863	91	2122292	80.396	ug/l	100
79) 2-Chlorotoluene	12.945	91	1222747	74.138	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	1517251	78.321	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.569	75	197250	78.944	ug/l	97
82) 4-Chlorotoluene	13.045	91	1209548	76.581	ug/l	97
83) tert-Butylbenzene	13.263	119	1333788	77.999	ug/l	99
84) 1,2,4-Trimethylbenzene	13.310	105	1507529	79.331	ug/l	99
85) sec-Butylbenzene	13.439	105	1915916	81.301	ug/l	99
86) p-Isopropyltoluene	13.557	119	1631073	87.577	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	833692	75.388	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	822236	72.874	ug/l	98
89) n-Butylbenzene	13.880	91	1357674	88.878	ug/l	99
90) Hexachloroethane	14.151	117	280494	73.411	ug/l	97
91) 1,2-Dichlorobenzene	13.927	146	814100	71.425	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.545	75	131762	72.921	ug/l	90
93) 1,2,4-Trichlorobenzene	15.198	180	510108	90.536	ug/l	99
94) Hexachlorobutadiene	15.298	225	246331	80.267	ug/l	98
95) Naphthalene	15.433	128	1622136	88.525	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	502522	85.235	ug/l	99

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ClientSampleId :
VSTDICC075

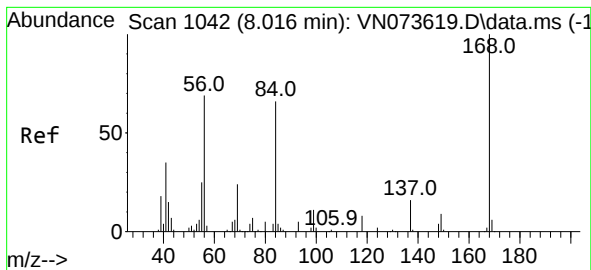
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 07/29/2022

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Quant Title : SW846 8260
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Response via : Initial Calibration

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



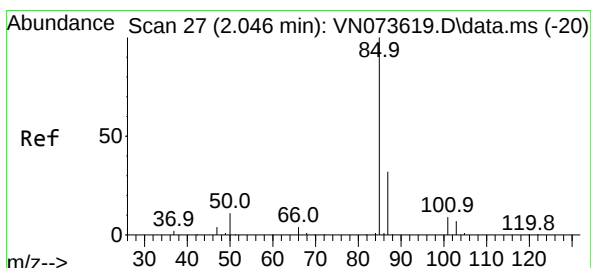
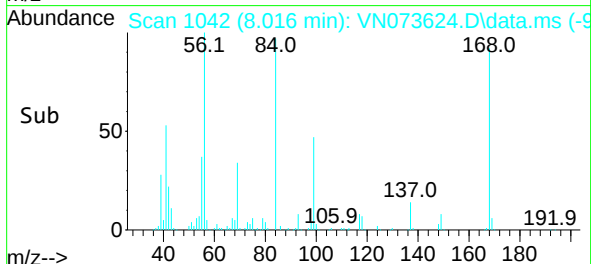
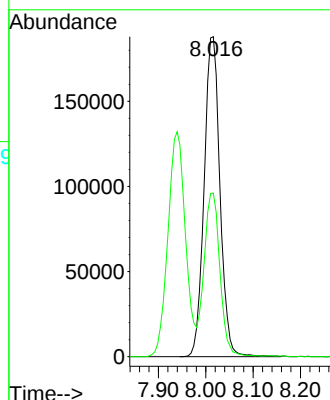
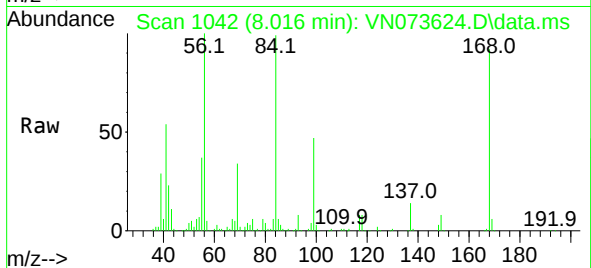
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073624.D
Acq: 28 Jul 2022 15:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion:168 Resp: 43654
Ion Ratio Lower Upper
168 100
99 50.9 42.3 63.5

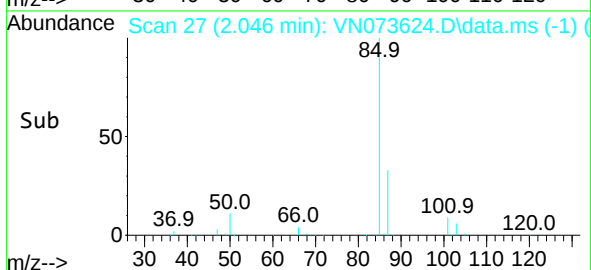
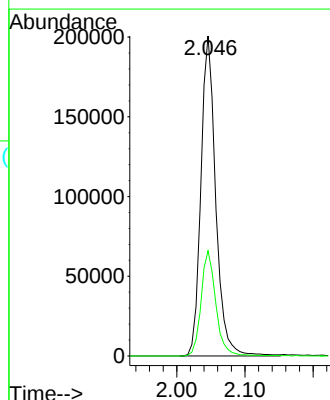
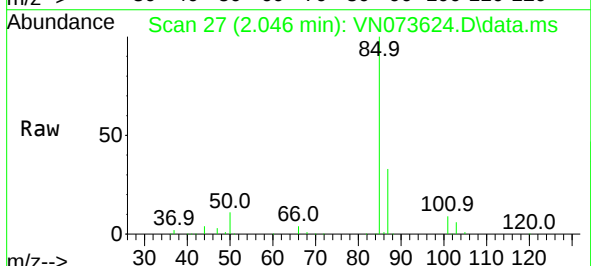
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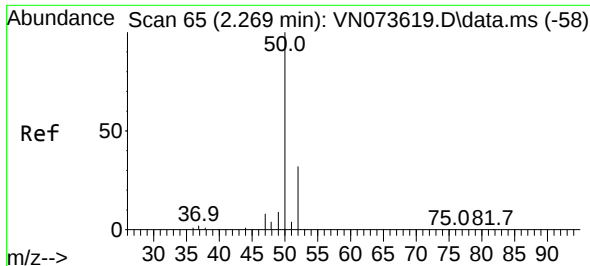
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#2
Dichlorodifluoromethane
Concen: 72.865 ug/l
RT: 2.046 min Scan# 27
Delta R.T. 0.000 min
Lab File: VN073624.D
Acq: 28 Jul 2022 15:00

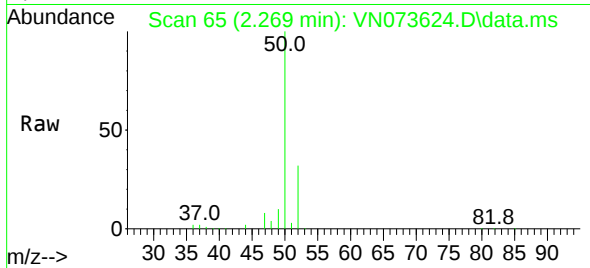
Tgt Ion: 85 Resp: 303674
Ion Ratio Lower Upper
85 100
87 32.8 15.7 47.1





#3
Chloromethane
Concen: 59.540 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN073624.D
Acq: 28 Jul 2022 15:00

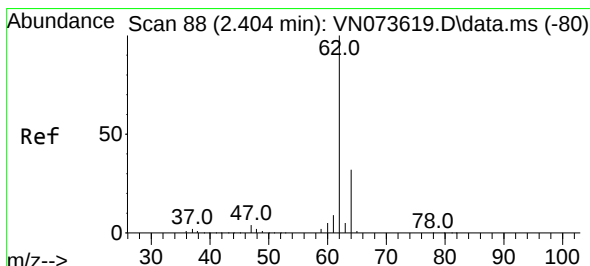
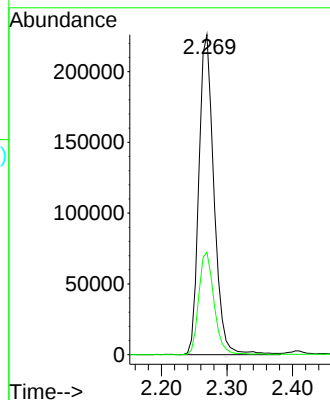
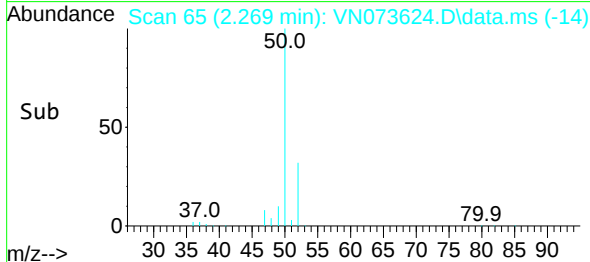
Instrument :
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ClientSampleId :
VSTDICC075



Tgt Ion: 50 Resp: 362870
Ion Ratio Lower Upper
50 100
52 32.0 25.7 38.5

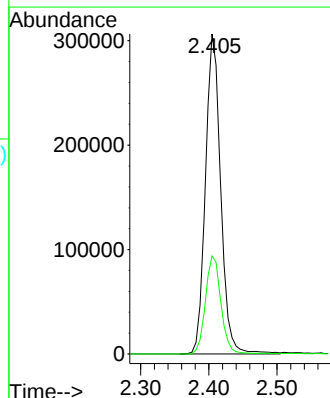
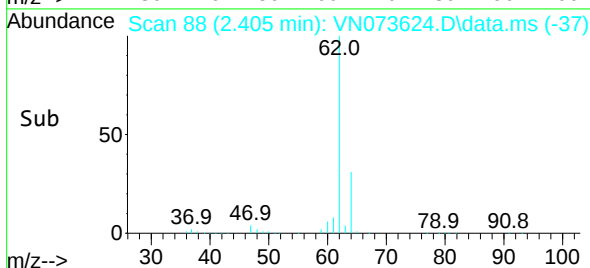
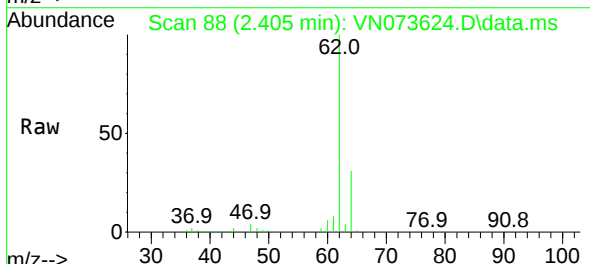
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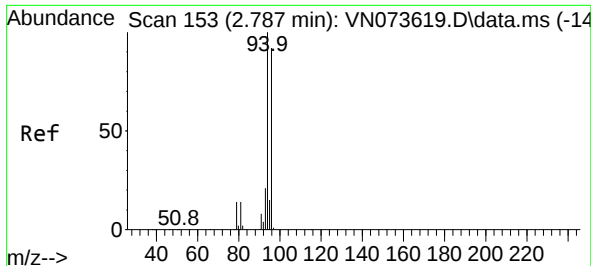
Reviewed By :John Carlone 07/29/2022
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#4
Vinyl Chloride
Concen: 64.920 ug/l
RT: 2.405 min Scan# 88
Delta R.T. 0.000 min
Lab File: VN073624.D
Acq: 28 Jul 2022 15:00

Tgt Ion: 62 Resp: 477230
Ion Ratio Lower Upper
62 100
64 30.6 25.0 37.4





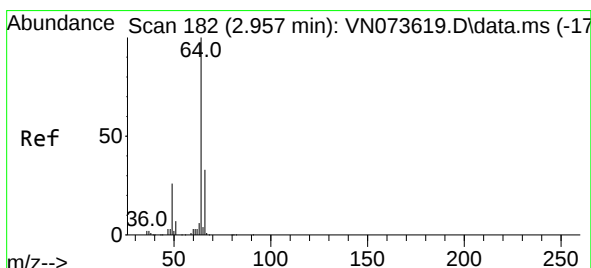
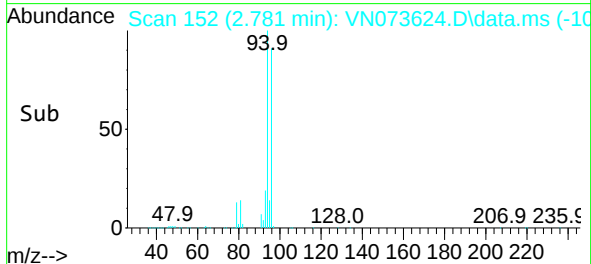
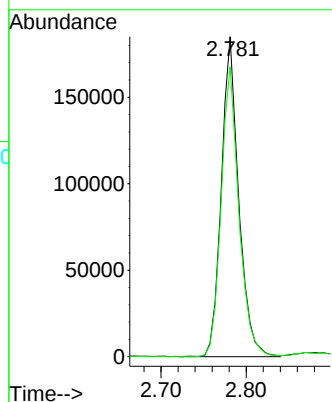
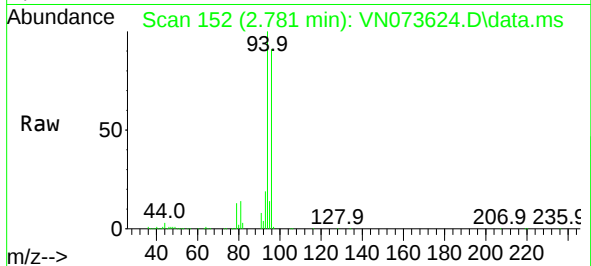
#5
Bromomethane
Concen: 60.887 ug/l
RT: 2.781 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN073624.D
Acq: 28 Jul 2022 15:00

Instrument :
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ClientSampleId :
VSTDICC075

Tgt Ion: 94 Resp: 261500
Ion Ratio Lower Upper
94 100
96 90.6 76.0 114.0

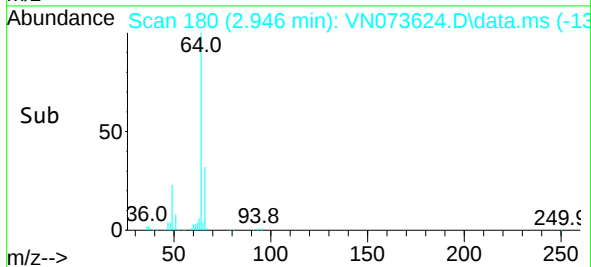
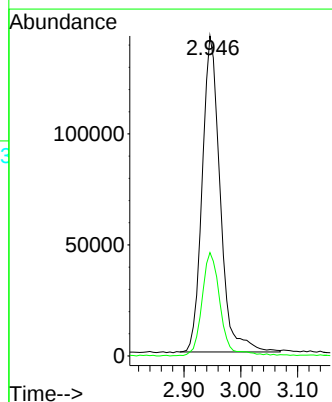
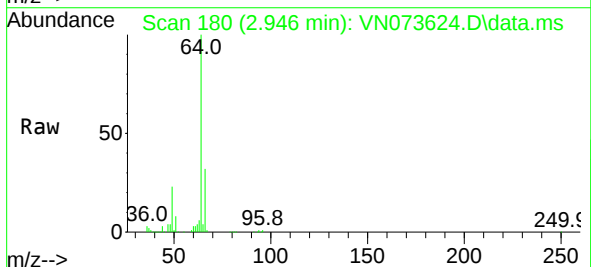
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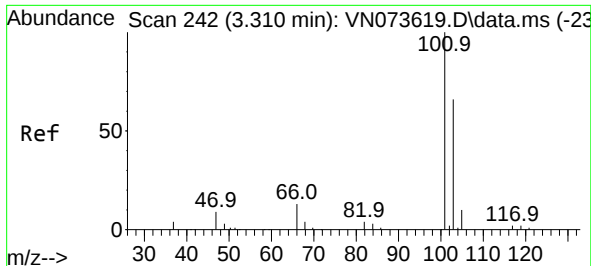
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#6
Chloroethane
Concen: 60.602 ug/l
RT: 2.946 min Scan# 180
Delta R.T. -0.012 min
Lab File: VN073624.D
Acq: 28 Jul 2022 15:00

Tgt Ion: 64 Resp: 312339
Ion Ratio Lower Upper
64 100
66 32.5 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 65.957 ug/l
 RT: 3.305 min Scan# 241
 Delta R.T. -0.006 min
 Lab File: VN073624.D
 Acq: 28 Jul 2022 15:00

Instrument :

MSVOA_N

ClientSampleId :

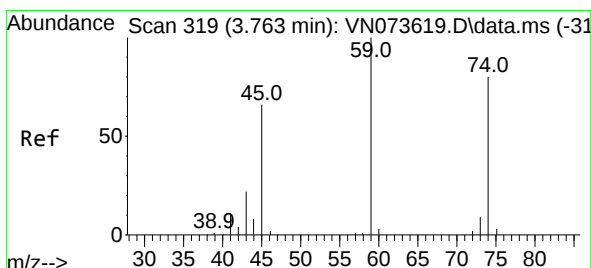
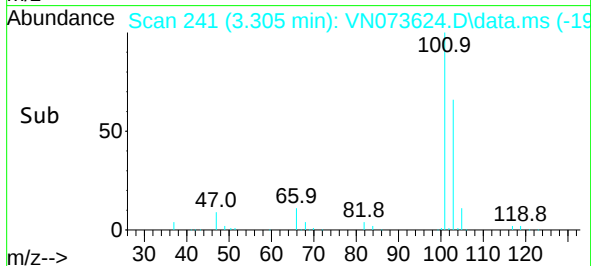
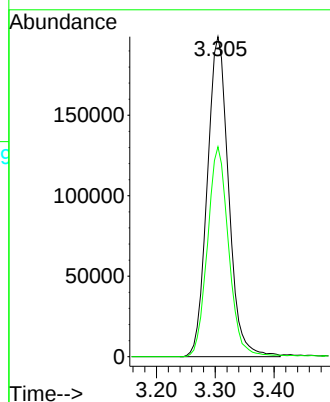
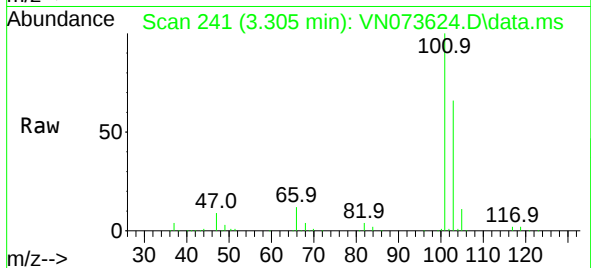
VSTDICC075

Tgt Ion:101 Resp: 501214
 Ion Ratio Lower Upper
 101 100
 103 65.6 51.5 77.3

Manual Integrations

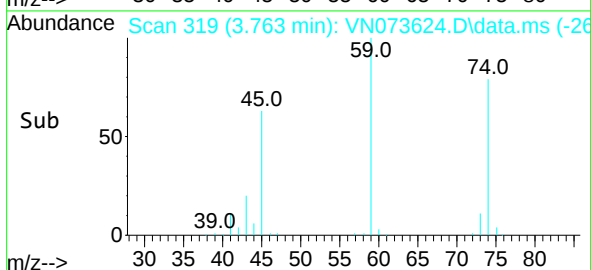
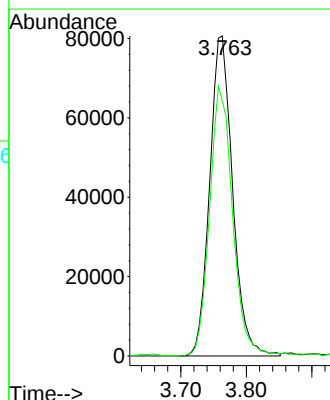
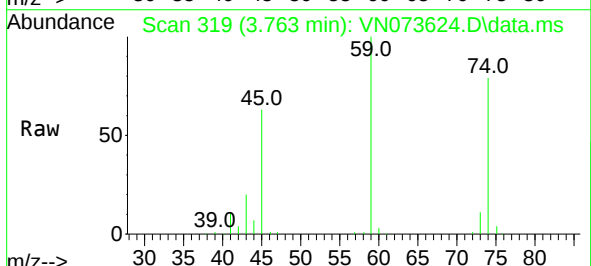
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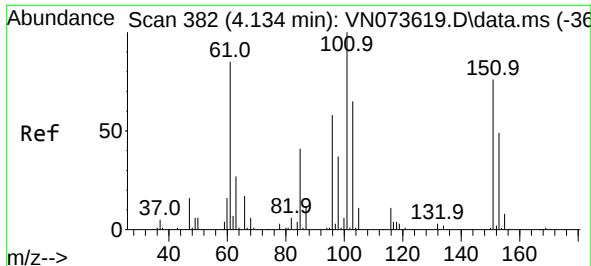
Reviewed By :John Carlone 07/29/2022
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#8
 Diethyl Ether
 Concen: 70.305 ug/l
 RT: 3.763 min Scan# 319
 Delta R.T. 0.000 min
 Lab File: VN073624.D
 Acq: 28 Jul 2022 15:00

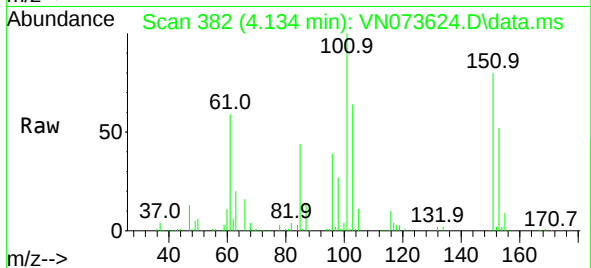
Tgt Ion: 74 Resp: 195925
 Ion Ratio Lower Upper
 74 100
 45 84.9 42.9 128.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 68.649 ug/l
RT: 4.134 min Scan# 382
Delta R.T. 0.000 min
Lab File: VN073624.D
Acq: 28 Jul 2022 15:00

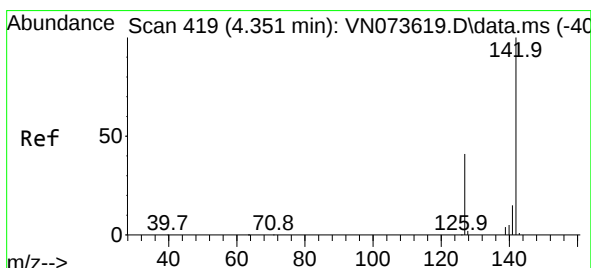
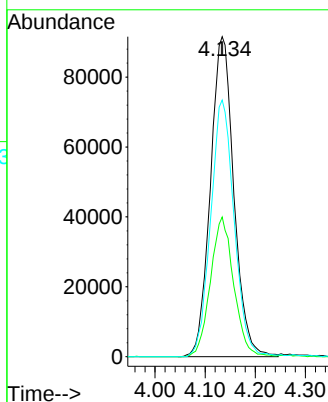
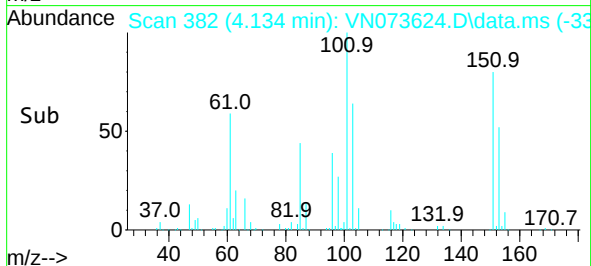
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC075



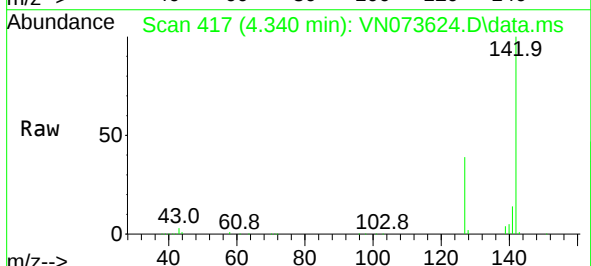
Tgt Ion:101 Resp: 297280
Ion Ratio Lower Upper
101 100
85 43.2 34.7 52.1
151 80.5 63.0 94.4

Manual Integrations
APPROVED

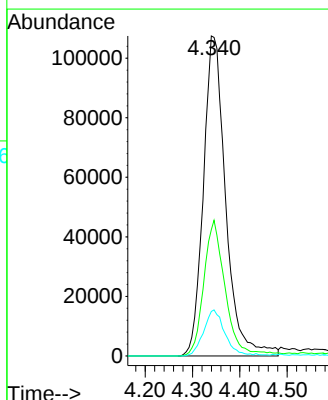
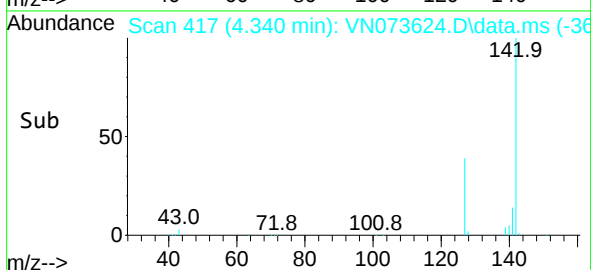
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

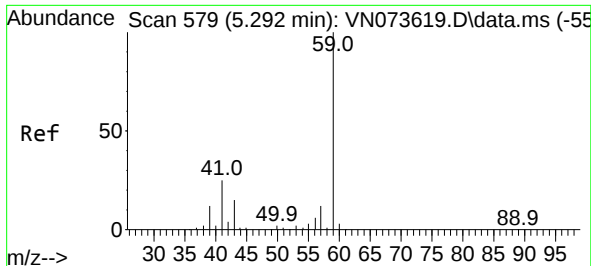


#10
Methyl Iodide
Concen: 81.984 ug/l
RT: 4.340 min Scan# 417
Delta R.T. -0.012 min
Lab File: VN073624.D
Acq: 28 Jul 2022 15:00



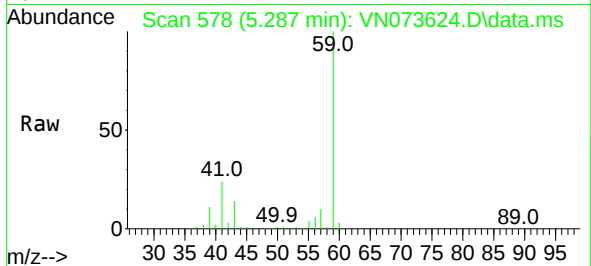
Tgt Ion:142 Resp: 351927
Ion Ratio Lower Upper
142 100
127 40.9 31.3 46.9
141 13.7 11.2 16.8





#11
Tert butyl alcohol
Concen: 349.325 ug/l
RT: 5.287 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN073624.D
Acq: 28 Jul 2022 15:00

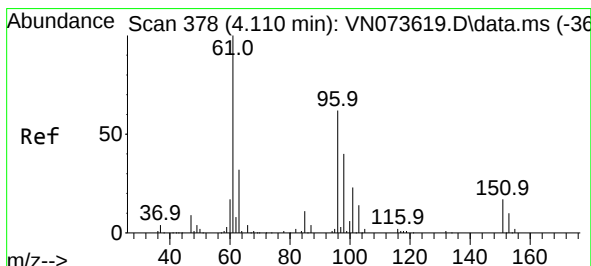
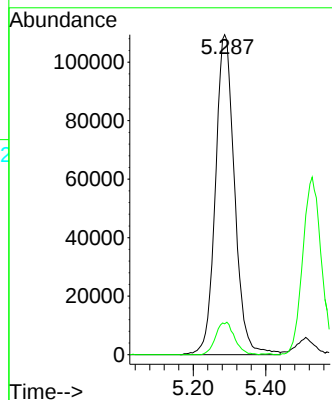
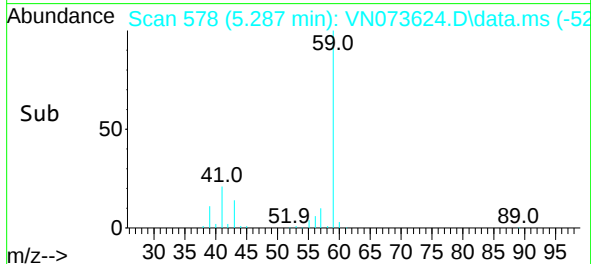
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion: 59 Resp: 400799
Ion Ratio Lower Upper
59 100
57 10.0 8.3 12.5

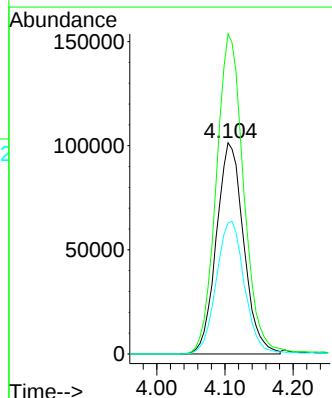
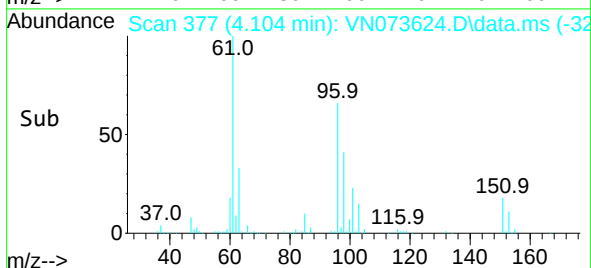
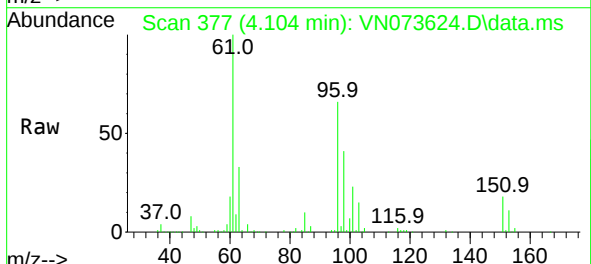
Manual Integrations
APPROVED

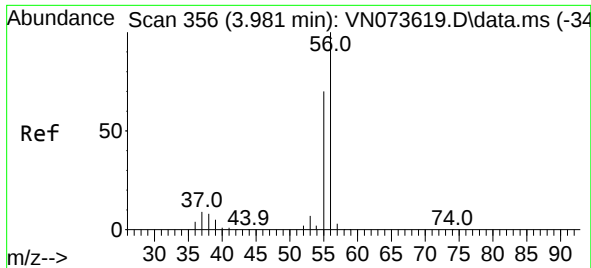
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#12
1,1-Dichloroethene
Concen: 69.517 ug/l
RT: 4.104 min Scan# 377
Delta R.T. -0.006 min
Lab File: VN073624.D
Acq: 28 Jul 2022 15:00

Tgt Ion: 96 Resp: 282386
Ion Ratio Lower Upper
96 100
61 151.5 127.6 191.4
98 61.9 51.2 76.8





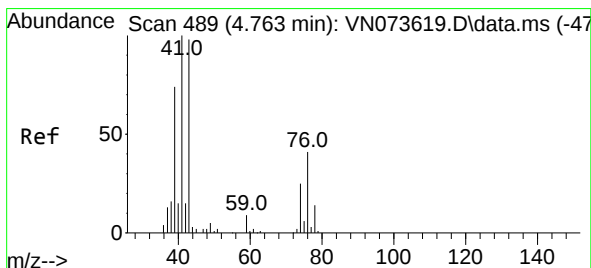
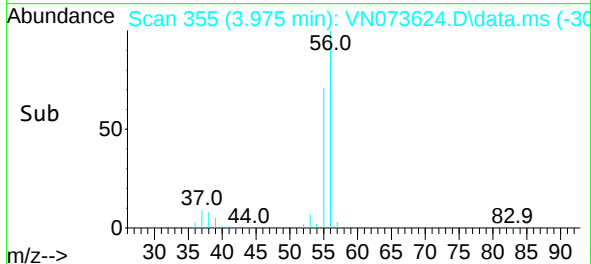
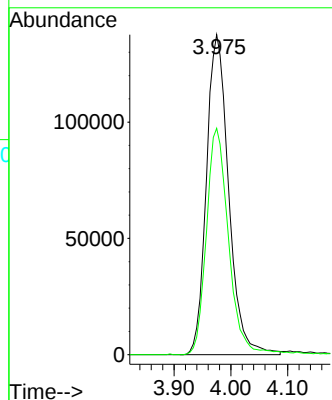
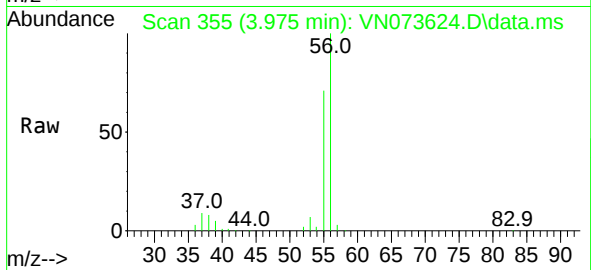
#13
Acrolein
Concen: 328.223 ug/l
RT: 3.975 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN073624.D
Acq: 28 Jul 2022 15:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion: 56 Resp: 37334
Ion Ratio Lower Upper
56 100
55 70.6 54.8 82.2

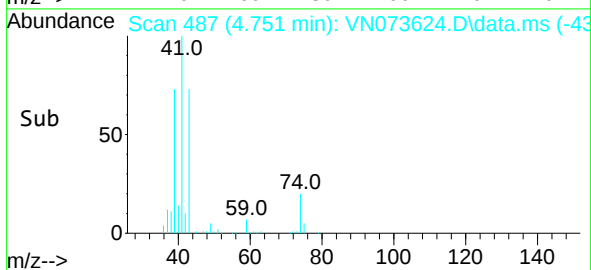
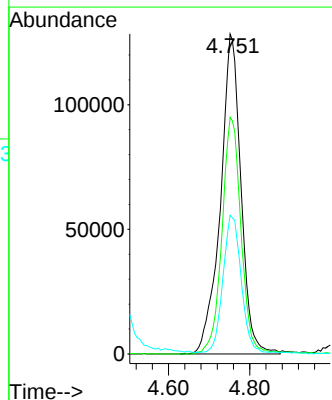
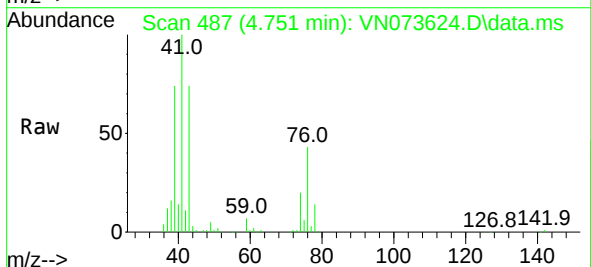
Manual Integrations
APPROVED

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



#14
Allyl chloride
Concen: 67.223 ug/l
RT: 4.751 min Scan# 487
Delta R.T. -0.012 min
Lab File: VN073624.D
Acq: 28 Jul 2022 15:00

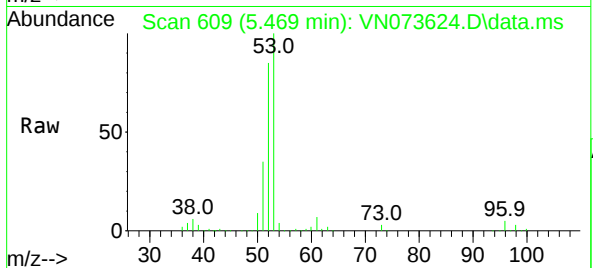
Tgt Ion: 41 Resp: 451878
Ion Ratio Lower Upper
41 100
39 68.8 53.2 79.8
76 37.6 29.9 44.9





#15
Acrylonitrile
Concen: 338.340 ug/l
RT: 5.469 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN073624.D
Acq: 28 Jul 2022 15:00

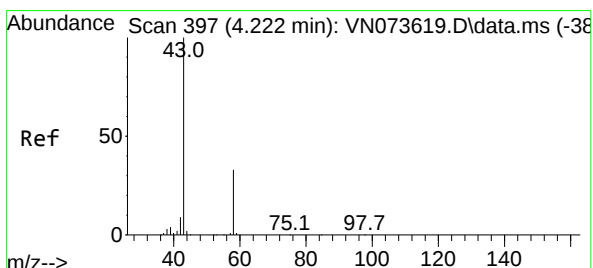
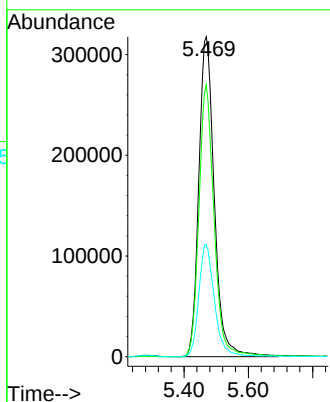
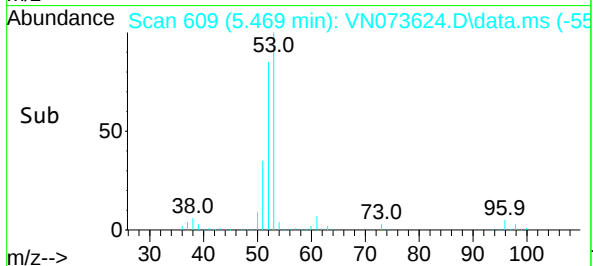
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



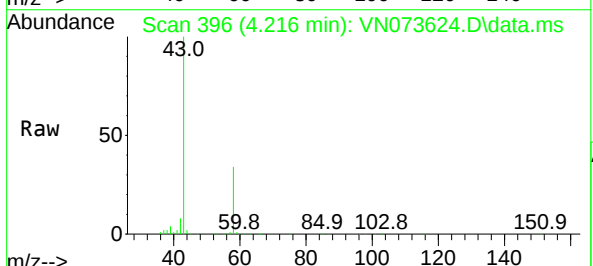
Tgt Ion: 53 Resp: 106256
Ion Ratio Lower Upper
53 100
52 82.7 66.4 99.6
51 35.6 28.5 42.7

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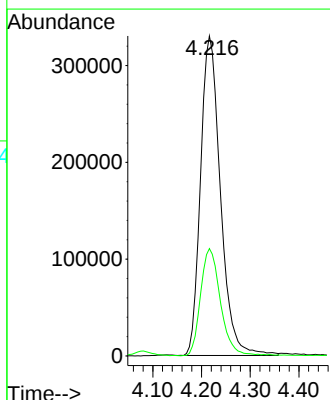
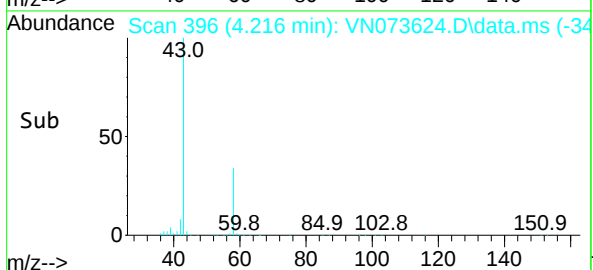
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

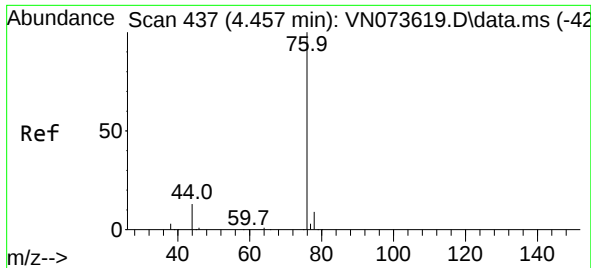


#16
Acetone
Concen: 328.699 ug/l
RT: 4.216 min Scan# 396
Delta R.T. -0.006 min
Lab File: VN073624.D
Acq: 28 Jul 2022 15:00



Tgt Ion: 43 Resp: 936611
Ion Ratio Lower Upper
43 100
58 33.5 26.0 39.0





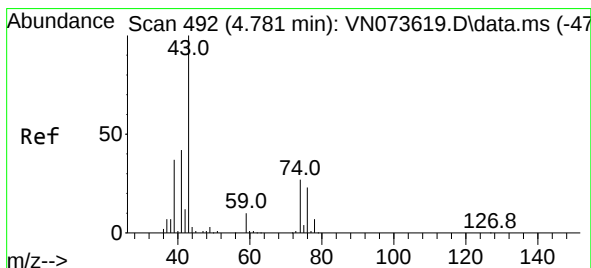
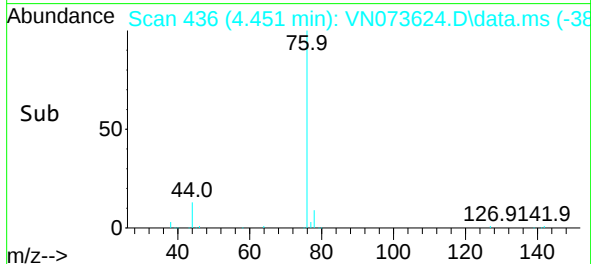
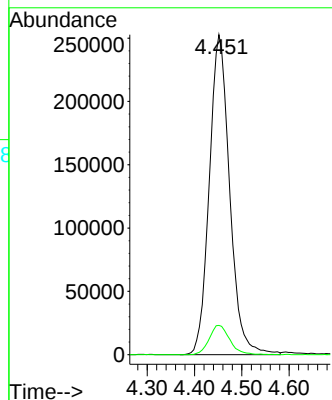
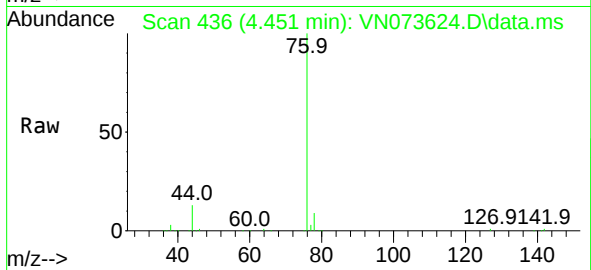
#17
Carbon Disulfide
Concen: 67.834 ug/l
RT: 4.451 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN073624.D
Acq: 28 Jul 2022 15:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion: 76 Resp: 755834
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

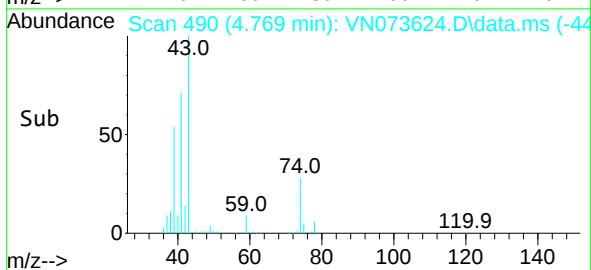
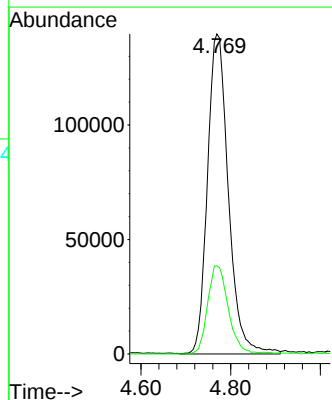
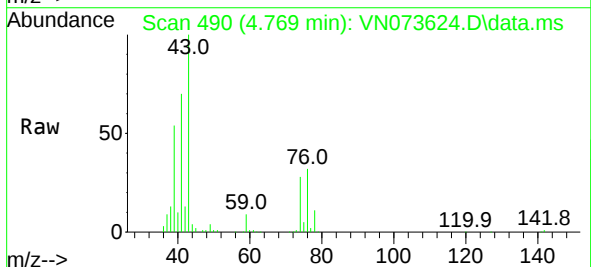
Manual Integrations
APPROVED

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



#18
Methyl Acetate
Concen: 63.902 ug/l
RT: 4.769 min Scan# 490
Delta R.T. -0.012 min
Lab File: VN073624.D
Acq: 28 Jul 2022 15:00

Tgt Ion: 43 Resp: 452821
Ion Ratio Lower Upper
43 100
74 27.1 21.6 32.4





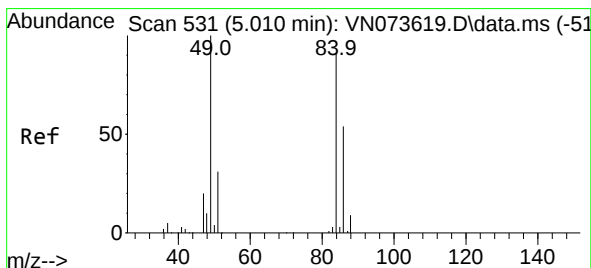
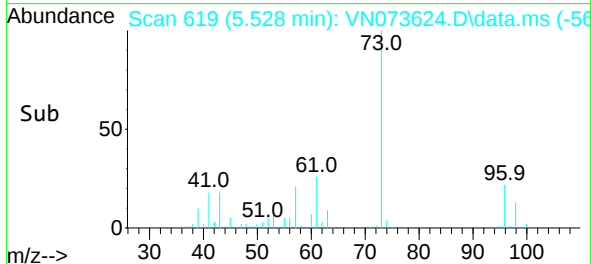
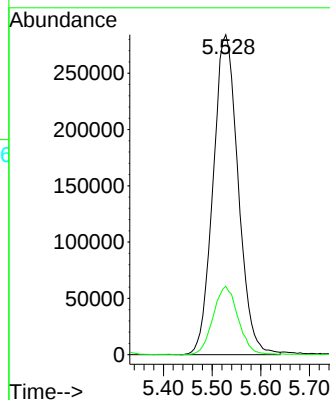
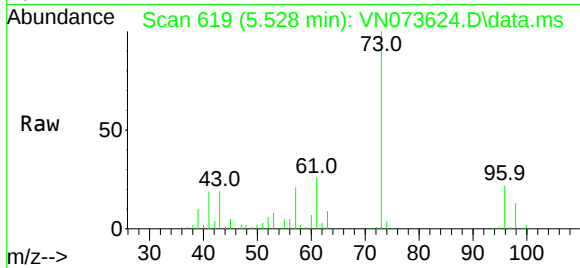
#19
Methyl tert-butyl Ether
Concen: 73.146 ug/l
RT: 5.528 min Scan# 619
Delta R.T. -0.006 min
Lab File: VN073624.D
Acq: 28 Jul 2022 15:00

Instrument :
MSVOA_N
Client Sample Id :
VSTDIC075

Tgt Ion: 73 Resp: 1017318
Ion Ratio Lower Upper
73 100
57 21.4 17.6 26.4

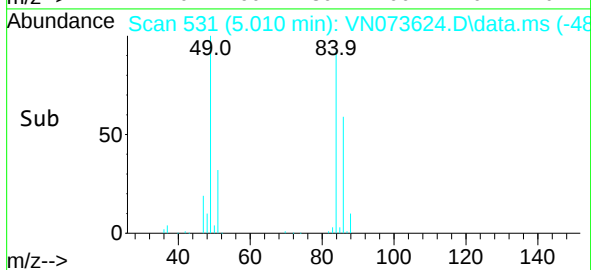
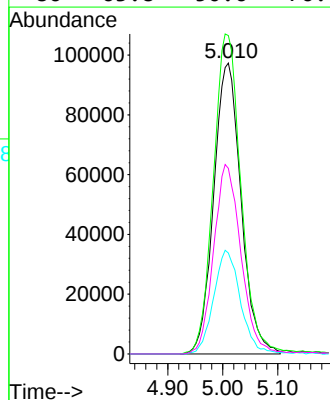
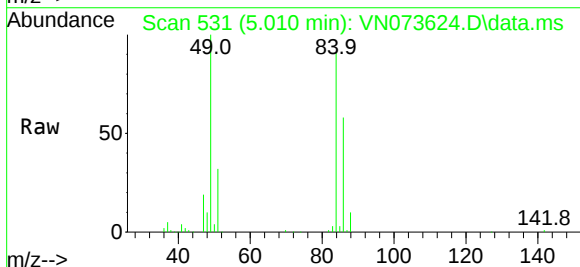
Manual Integrations
APPROVED

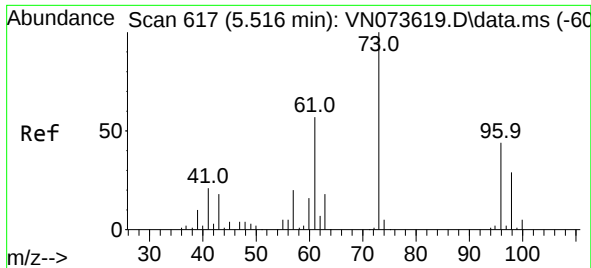
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#20
Methylene Chloride
Concen: 59.355 ug/l
RT: 5.010 min Scan# 531
Delta R.T. 0.000 min
Lab File: VN073624.D
Acq: 28 Jul 2022 15:00

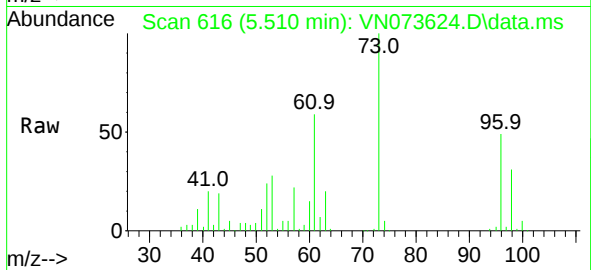
Tgt Ion: 84 Resp: 336403
Ion Ratio Lower Upper
84 100
49 109.5 88.3 132.5
51 34.7 28.2 42.2
86 63.8 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 70.421 ug/l
RT: 5.510 min Scan# 617
Delta R.T. -0.006 min
Lab File: VN073624.D
Acq: 28 Jul 2022 15:00

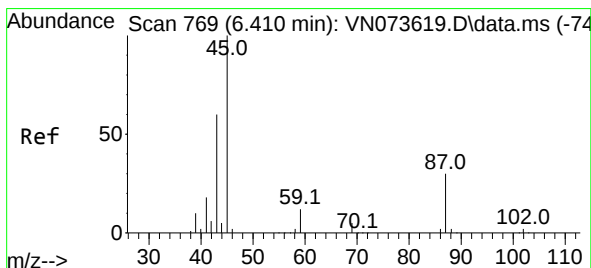
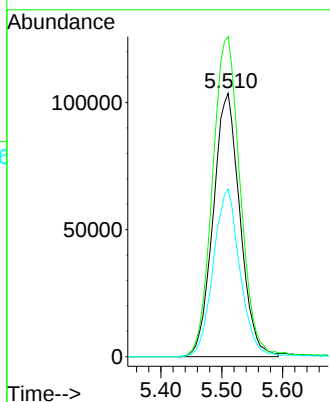
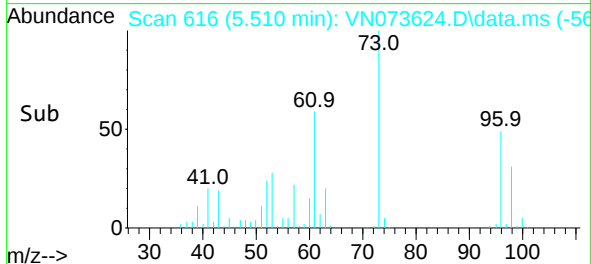
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



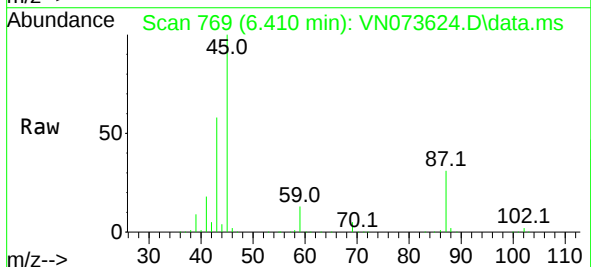
Tgt Ion: 96 Resp: 31670
Ion Ratio Lower Upper
96 100
61 121.5 105.8 158.8
98 63.6 50.3 75.5

Manual Integrations
APPROVED

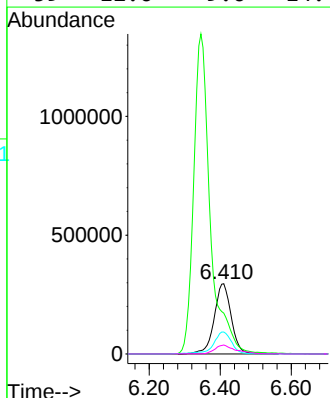
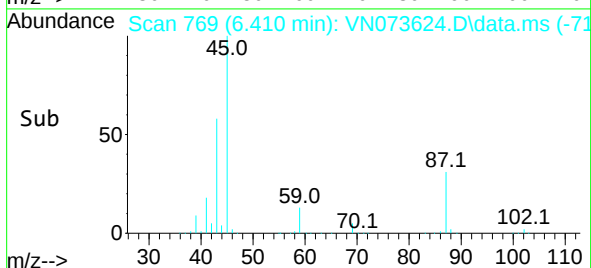
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

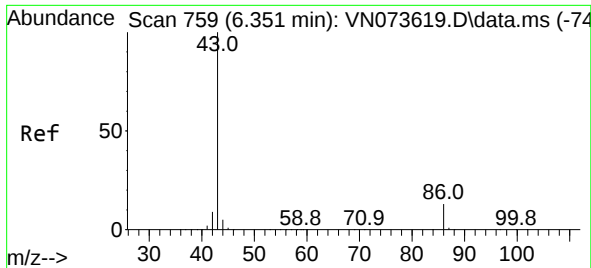


#22
Diisopropyl ether
Concen: 70.703 ug/l
RT: 6.410 min Scan# 769
Delta R.T. 0.000 min
Lab File: VN073624.D
Acq: 28 Jul 2022 15:00



Tgt Ion: 45 Resp: 985429
Ion Ratio Lower Upper
45 100
43 57.3 46.6 70.0
87 31.2 24.3 36.5
59 12.6 9.6 14.4





#23
 Vinyl Acetate
 Concen: 370.608 ug/l
 RT: 6.345 min Scan# 758
 Delta R.T. -0.006 min
 Lab File: VN073624.D
 Acq: 28 Jul 2022 15:00

Instrument :

MSVOA_N

ClientSampleId :

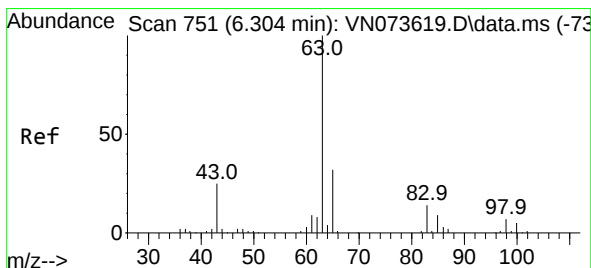
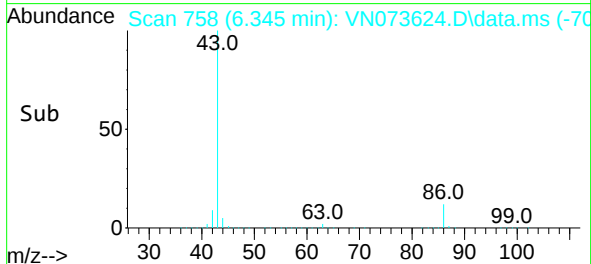
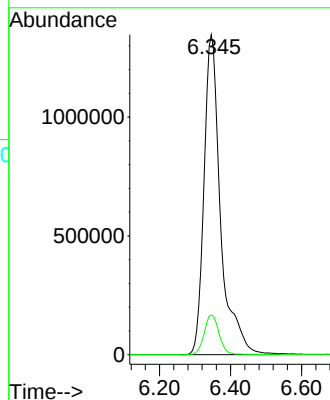
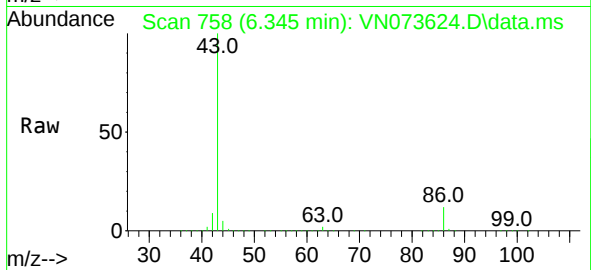
VSTDICC075

Tgt Ion: 43 Resp: 438170
 Ion Ratio Lower Upper
 43 100
 86 12.4 10.0 15.0

Manual Integrations

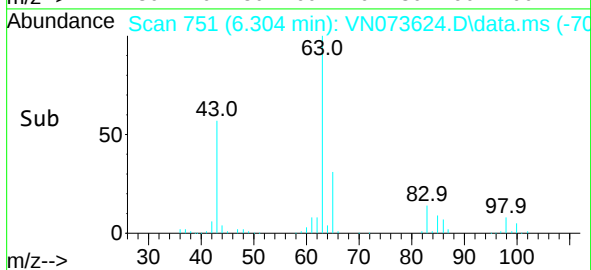
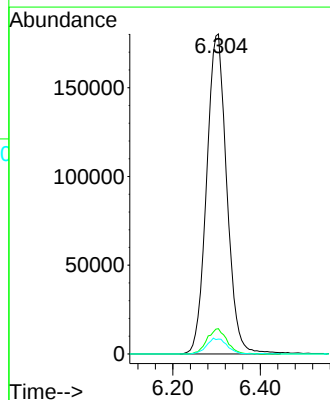
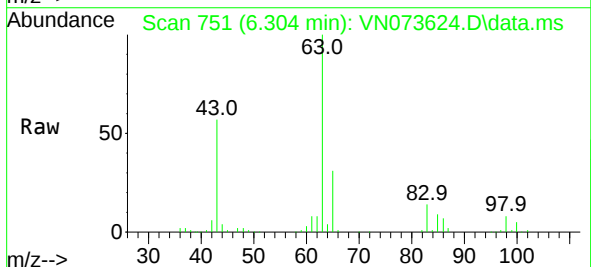
APPROVED

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



#24
 1,1-Dichloroethane
 Concen: 66.921 ug/l
 RT: 6.304 min Scan# 751
 Delta R.T. 0.000 min
 Lab File: VN073624.D
 Acq: 28 Jul 2022 15:00

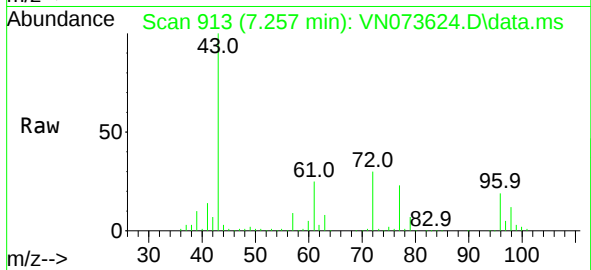
Tgt Ion: 63 Resp: 576518
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.5 10.4
 100 4.6 2.3 6.8





#25
2-Butanone
Concen: 328.426 ug/l
RT: 7.257 min Scan# 913
Delta R.T. 0.000 min
Lab File: VN073624.D
Acq: 28 Jul 2022 15:00

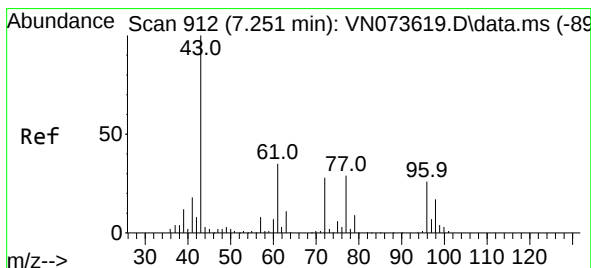
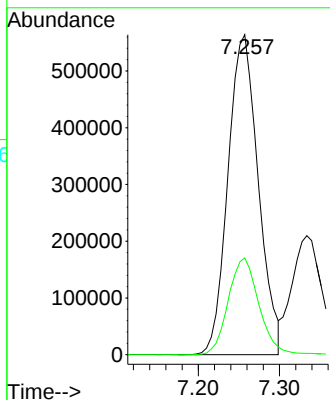
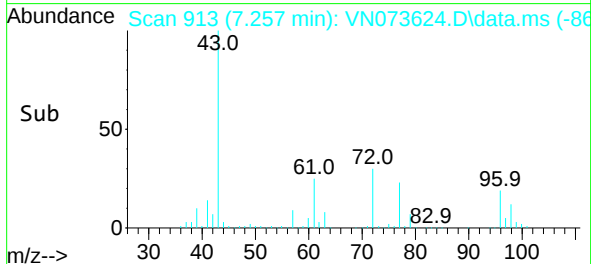
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



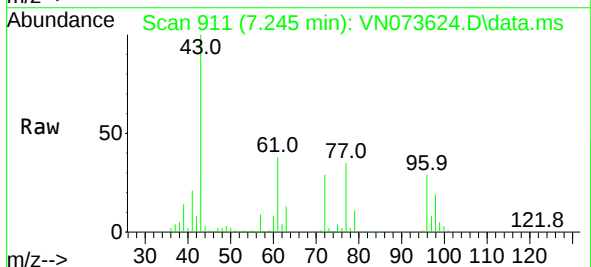
Tgt Ion: 43 Resp: 1465770
Ion Ratio Lower Upper
43 100
72 30.3 23.7 35.5

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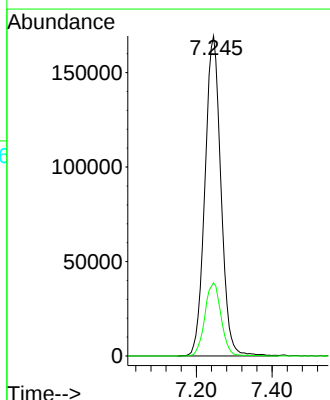
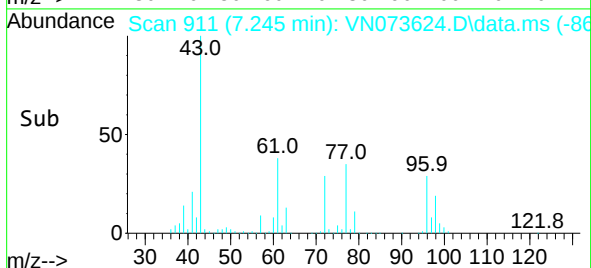
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

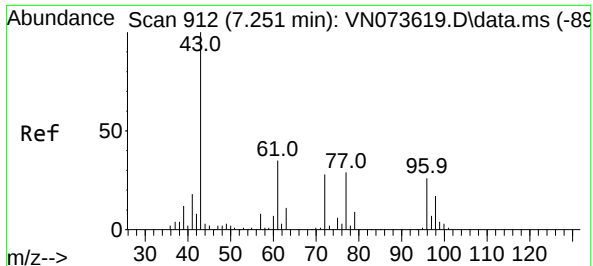


#26
2,2-Dichloropropane
Concen: 71.236 ug/l
RT: 7.245 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN073624.D
Acq: 28 Jul 2022 15:00



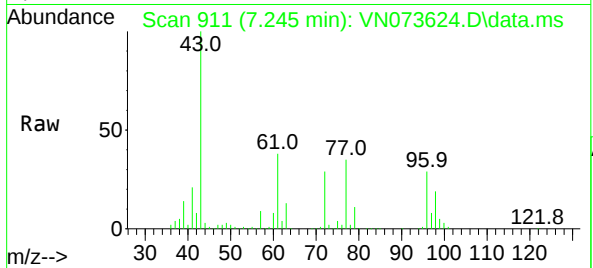
Tgt Ion: 77 Resp: 494814
Ion Ratio Lower Upper
77 100
97 23.2 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 69.629 ug/l
 RT: 7.245 min Scan# 912
 Delta R.T. -0.006 min
 Lab File: VN073624.D
 Acq: 28 Jul 2022 15:00

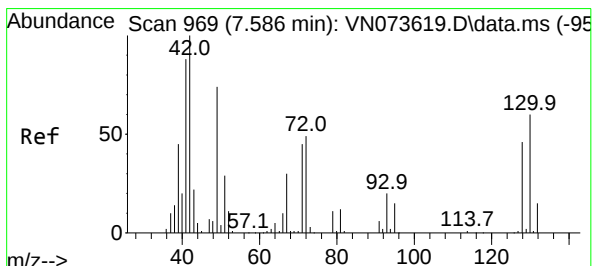
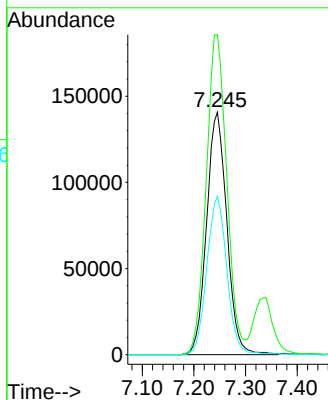
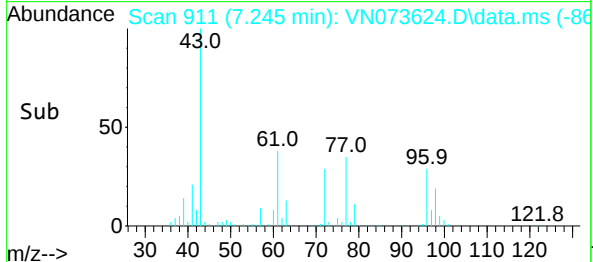
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC075



Tgt Ion: 96 Resp: 38286
 Ion Ratio Lower Upper
 96 100
 61 134.0 0.0 280.6
 98 65.1 0.0 128.4

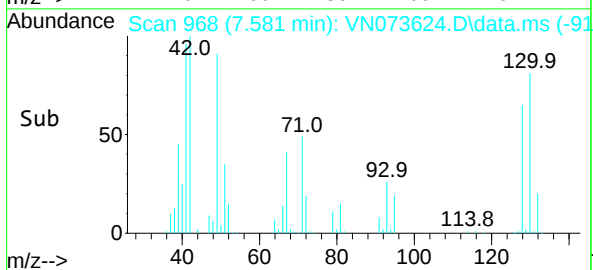
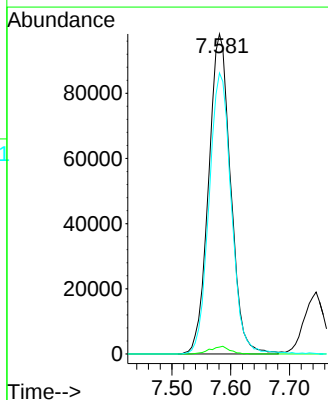
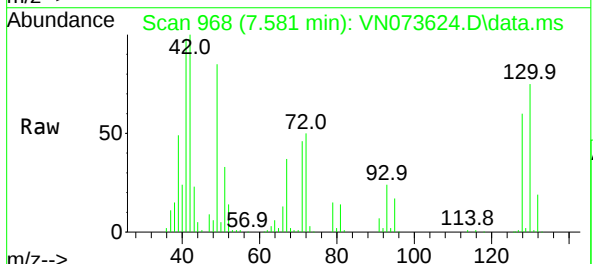
Manual Integrations
 APPROVED

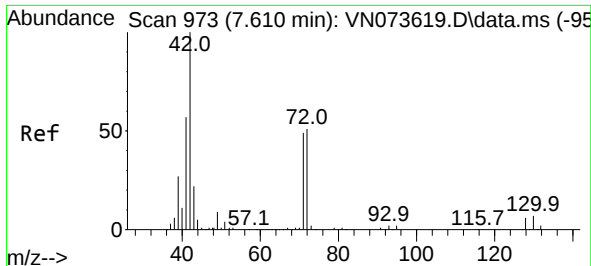
Reviewed By :John Carlone 07/29/2022
 Supervised By :Mahesh Dadoda 07/29/2022



#28
 Bromochloromethane
 Concen: 70.465 ug/l
 RT: 7.581 min Scan# 968
 Delta R.T. -0.006 min
 Lab File: VN073624.D
 Acq: 28 Jul 2022 15:00

Tgt Ion: 49 Resp: 255928
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.6
 130 88.7 69.7 104.5





#29

Tetrahydrofuran

Concen: 331.671 ug/l

RT: 7.604 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN073624.D

Acq: 28 Jul 2022 15:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion: 42 Resp: 935529

Ion Ratio Lower Upper

42 100

72 51.2 39.7 59.5

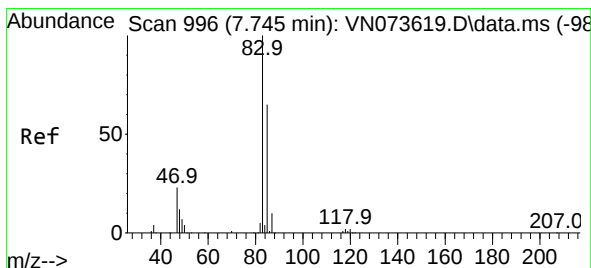
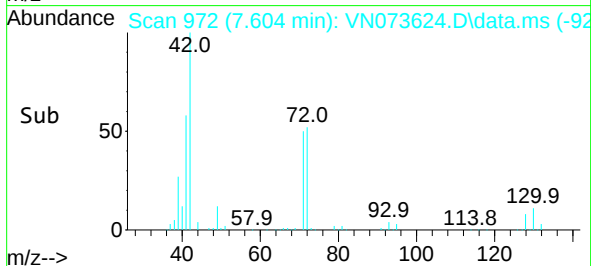
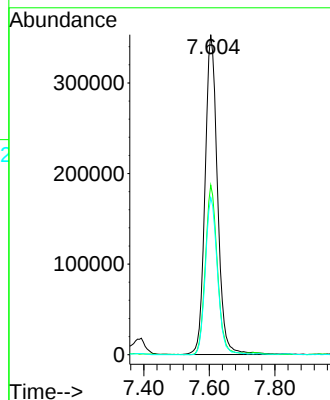
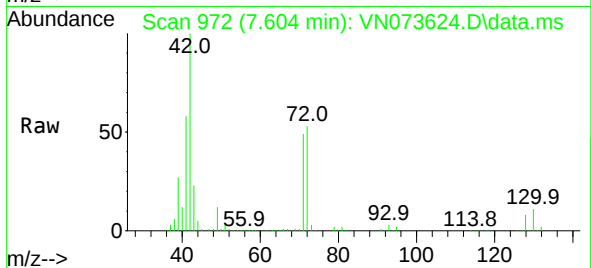
71 47.8 36.6 55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/29/2022

Supervised By :Mahesh Dadoda 07/29/2022



#30

Chloroform

Concen: 67.138 ug/l

RT: 7.745 min Scan# 996

Delta R.T. 0.000 min

Lab File: VN073624.D

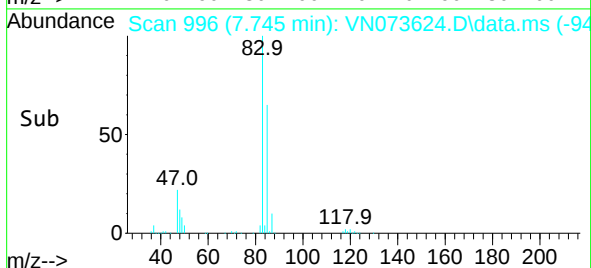
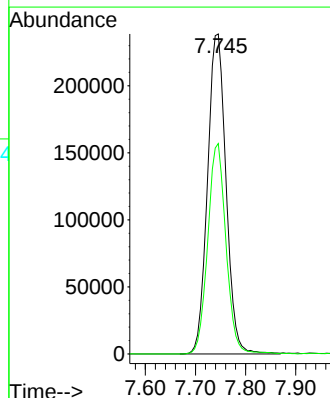
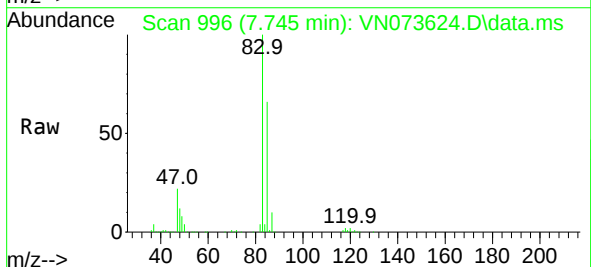
Acq: 28 Jul 2022 15:00

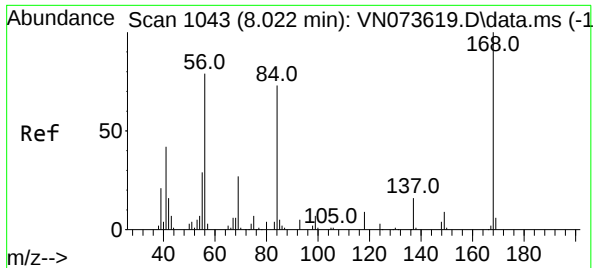
Tgt Ion: 83 Resp: 612252

Ion Ratio Lower Upper

83 100

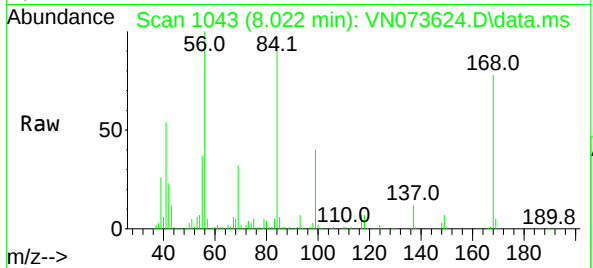
85 65.7 51.8 77.8





#31
Cyclohexane
Concen: 66.269 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VN073624.D
Acq: 28 Jul 2022 15:00

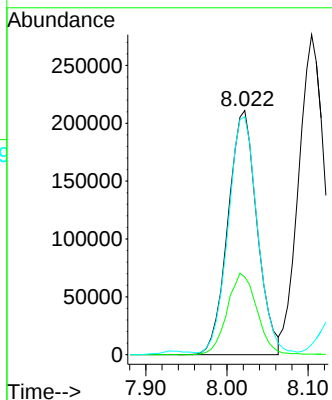
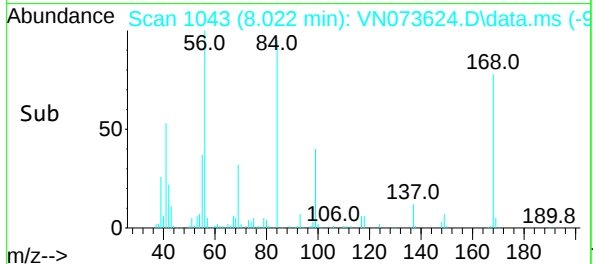
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



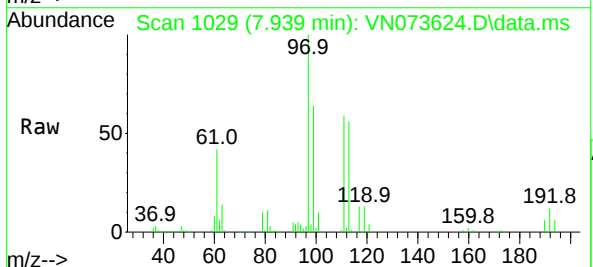
Tgt Ion: 56 Resp: 524878
Ion Ratio Lower Upper
56 100
69 31.8 27.8 41.8
84 96.0 76.9 115.3

Manual Integrations
APPROVED

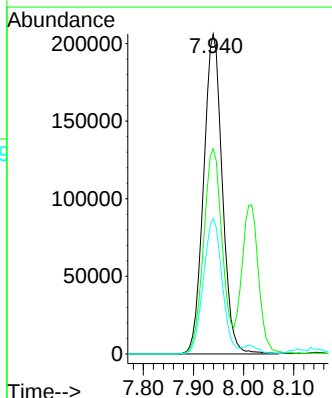
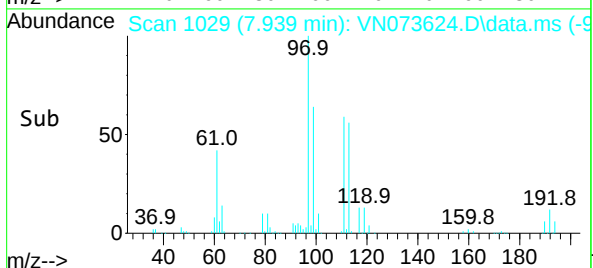
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

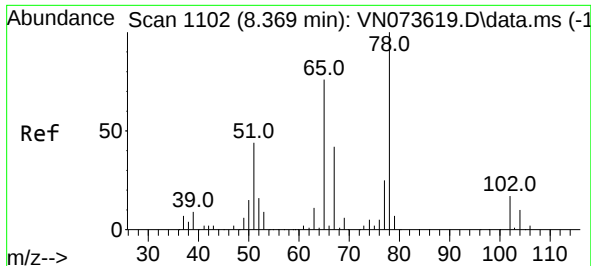


#32
1,1,1-Trichloroethane
Concen: 70.562 ug/l
RT: 7.939 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VN073624.D
Acq: 28 Jul 2022 15:00



Tgt Ion: 97 Resp: 534072
Ion Ratio Lower Upper
97 100
99 64.2 50.6 76.0
61 42.5 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 71.916 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN073624.D

Acq: 28 Jul 2022 15:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion: 65 Resp: 38259

Ion Ratio Lower Upper

65 100

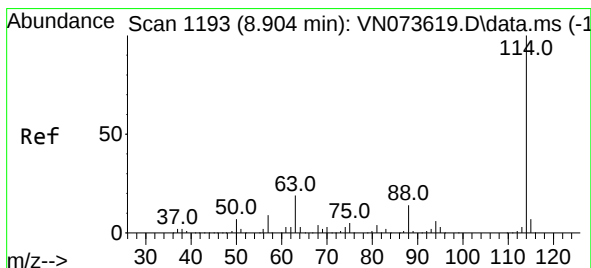
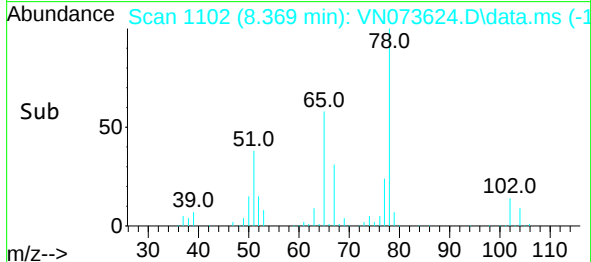
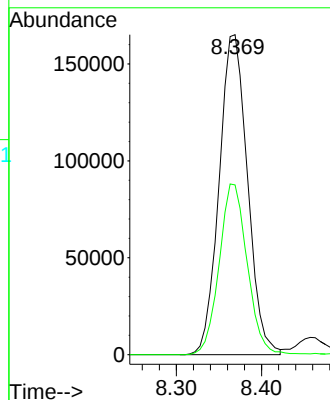
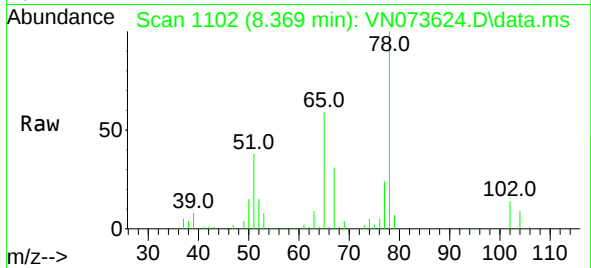
67 52.8 0.0 104.8

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: 8.898 min Scan# 1192

Delta R.T. -0.006 min

Lab File: VN073624.D

Acq: 28 Jul 2022 15:00

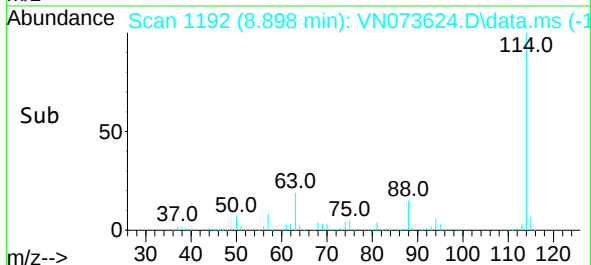
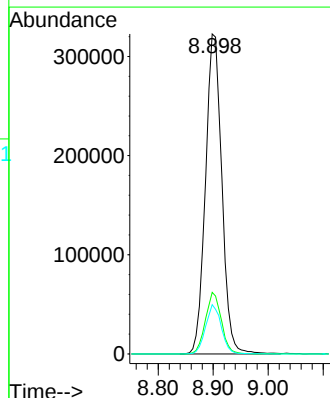
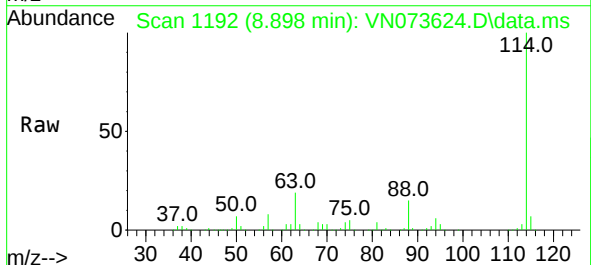
Tgt Ion:114 Resp: 668732

Ion Ratio Lower Upper

114 100

63 19.3 0.0 40.0

88 15.4 0.0 32.6





#35

Dibromofluoromethane

Concen: 79.067 ug/l

RT: 7.945 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VN073624.D

Acq: 28 Jul 2022 15:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075

Tgt Ion: 113 Resp: 33202

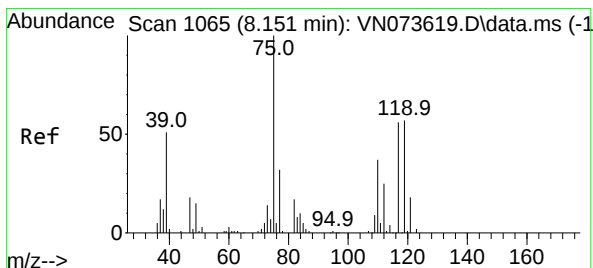
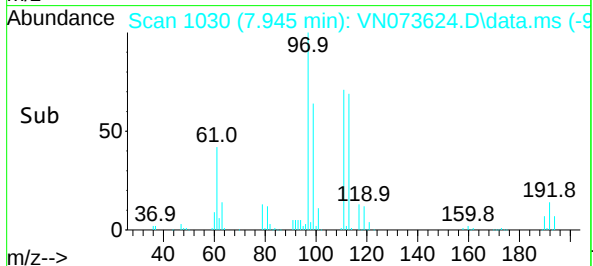
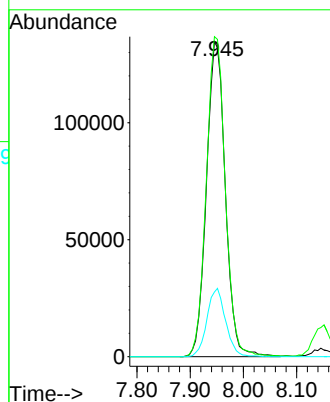
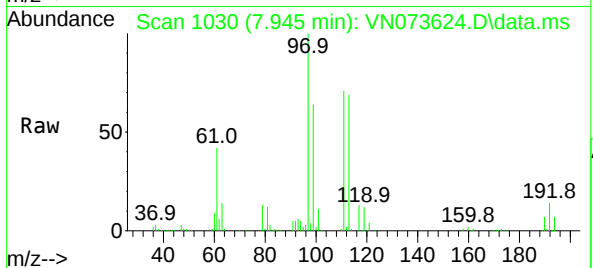
Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.4	122.0
192	21.4	17.0	25.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/29/2022

Supervised By :Mahesh Dadoda 07/29/2022



#36

1,1-Dichloropropene

Concen: 76.873 ug/l

RT: 8.145 min Scan# 1064

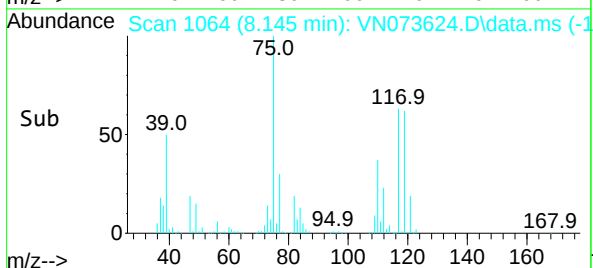
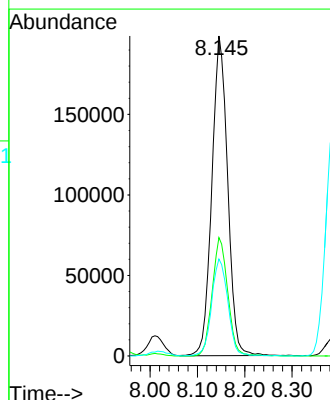
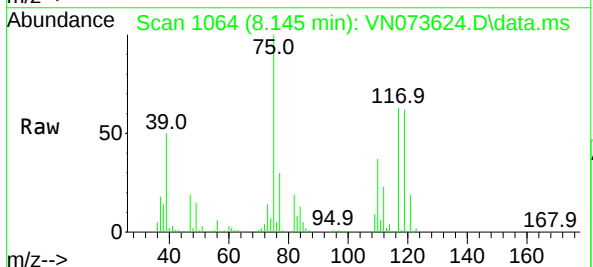
Delta R.T. -0.006 min

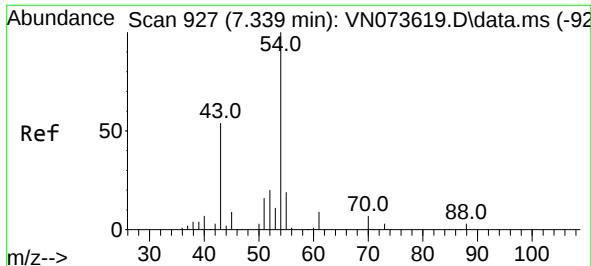
Lab File: VN073624.D

Acq: 28 Jul 2022 15:00

Tgt Ion: 75 Resp: 460297

Ion	Ratio	Lower	Upper
75	100		
110	36.5	18.3	54.8
77	31.2	25.1	37.7





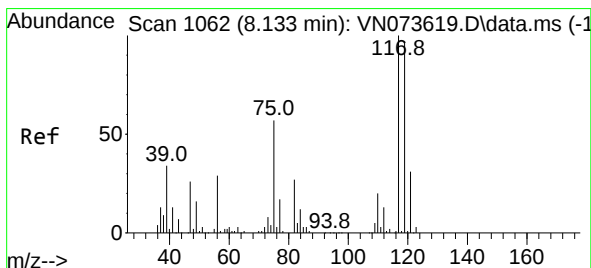
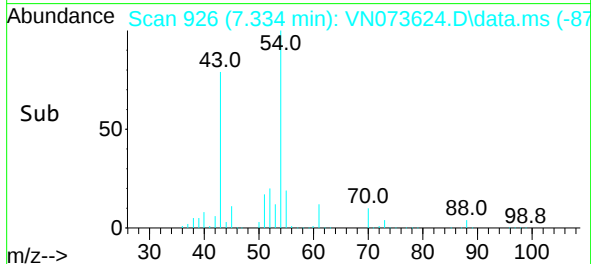
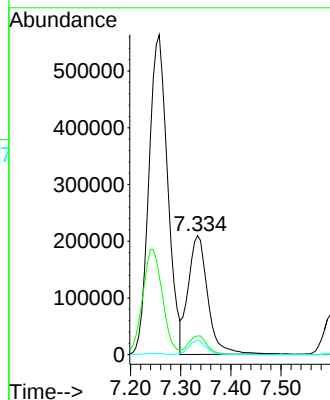
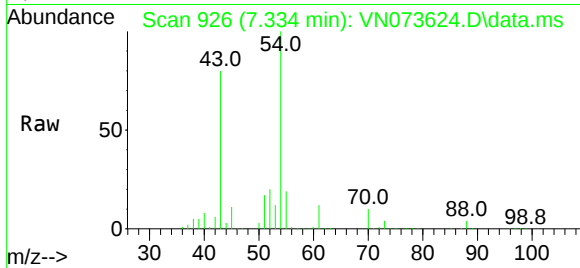
#37
Ethyl Acetate
Concen: 74.970 ug/l
RT: 7.334 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN073624.D
Acq: 28 Jul 2022 15:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075

Tgt Ion: 43 Resp: 56632
Ion Ratio Lower Upper
43 100
61 15.1 11.8 17.6
70 11.0 9.3 13.9

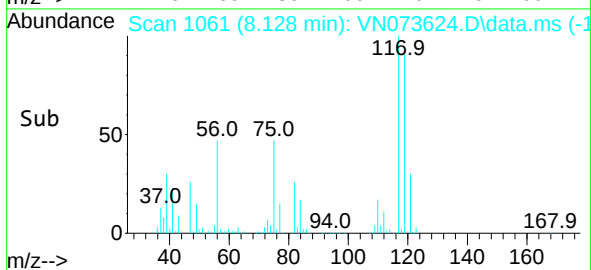
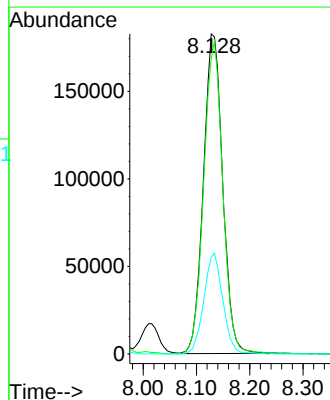
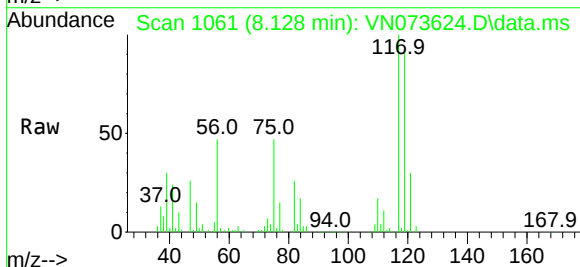
Manual Integrations
APPROVED

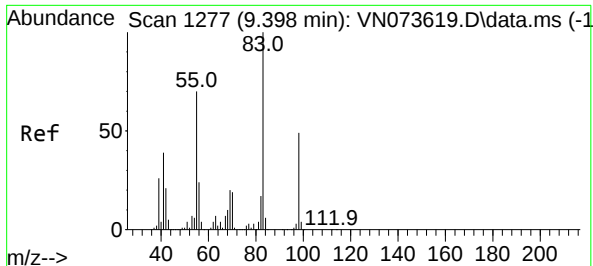
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#38
Carbon Tetrachloride
Concen: 76.450 ug/l
RT: 8.128 min Scan# 1061
Delta R.T. -0.006 min
Lab File: VN073624.D
Acq: 28 Jul 2022 15:00

Tgt Ion:117 Resp: 458760
Ion Ratio Lower Upper
117 100
119 92.3 75.8 113.8
121 30.2 24.6 37.0





#39

Methylcyclohexane

Concen: 85.429 ug/l

RT: 9.392 min Scan# 1105

Delta R.T. -0.006 min

Lab File: VN073624.D

Acq: 28 Jul 2022 15:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

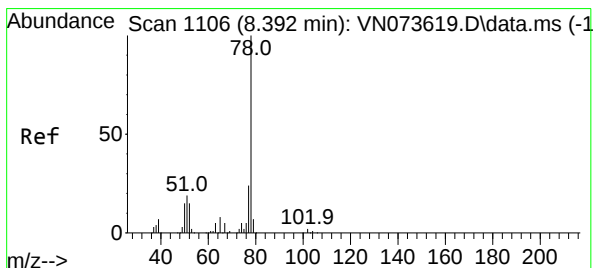
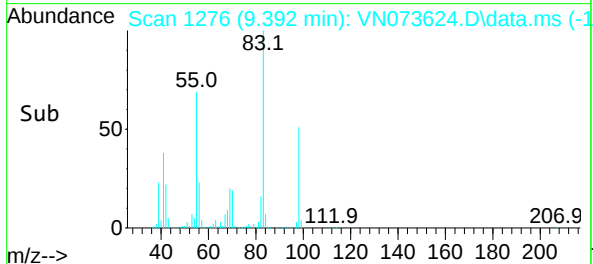
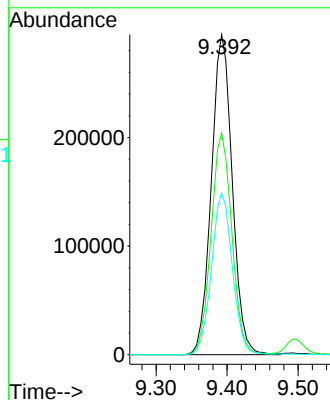
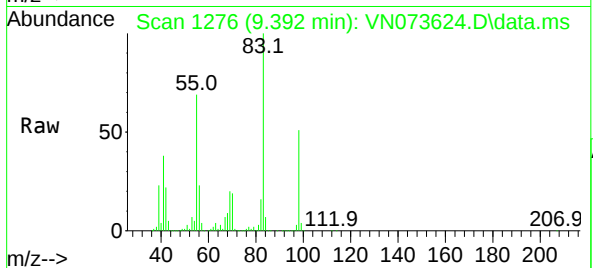
Tgt Ion: 83 Resp: 602270
 Ion Ratio Lower Upper
 83 100
 55 69.3 57.8 86.8
 98 50.5 39.4 59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/29/2022

Supervised By :Mahesh Dadoda 07/29/2022



#40

Benzene

Concen: 72.942 ug/l

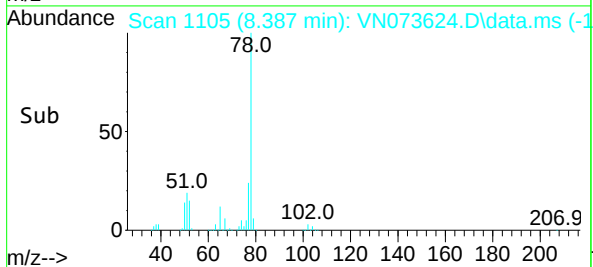
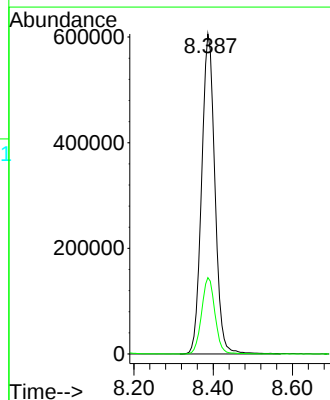
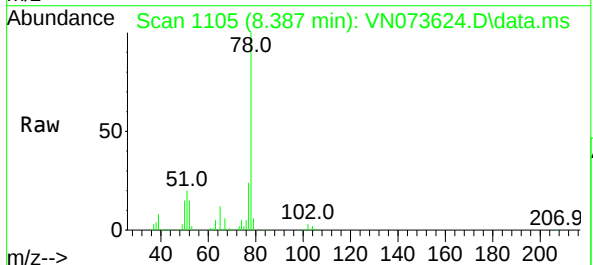
RT: 8.387 min Scan# 1105

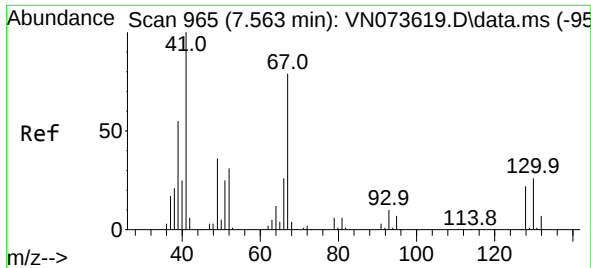
Delta R.T. -0.006 min

Lab File: VN073624.D

Acq: 28 Jul 2022 15:00

Tgt Ion: 78 Resp: 1405945
 Ion Ratio Lower Upper
 78 100
 77 23.9 19.4 29.0





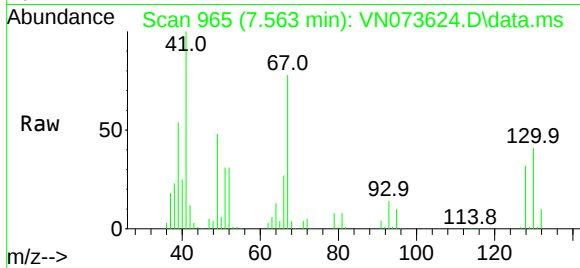
#41
Methacrylonitrile
Concen: 72.917 ug/l
RT: 7.563 min Scan# 965
Delta R.T. 0.000 min
Lab File: VN073624.D
Acq: 28 Jul 2022 15:00

Instrument :

MSVOA_N

Client Sample Id :

VSTDIC075



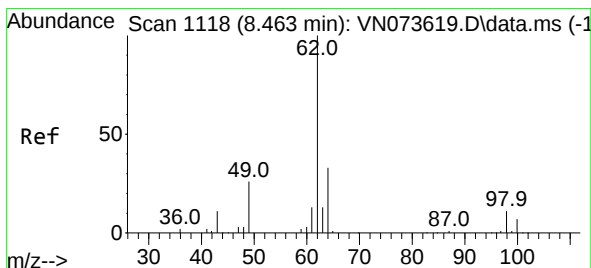
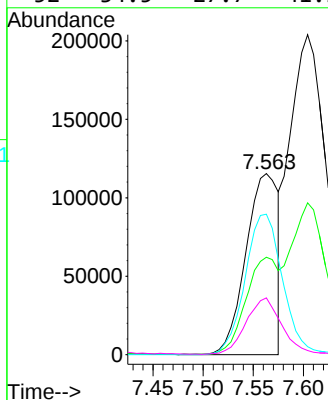
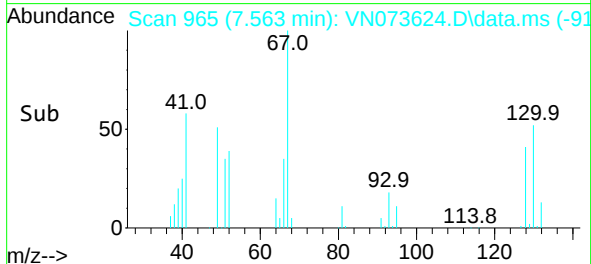
Tgt Ion: 41 Resp: 258610
Ion Ratio Lower Upper
41 100
39 53.7 48.6 73.0
67 91.0 73.4 110.2
52 34.5 27.7 41.5

Manual Integrations

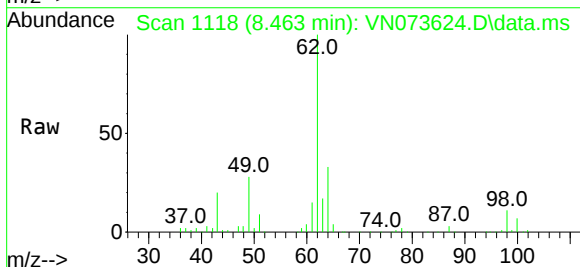
APPROVED

Reviewed By :John Carlone 07/29/2022

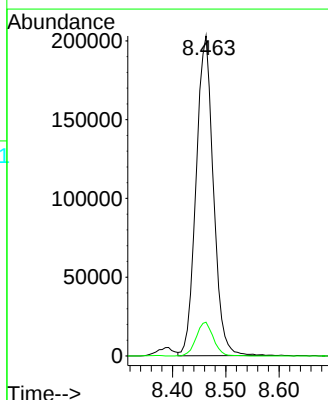
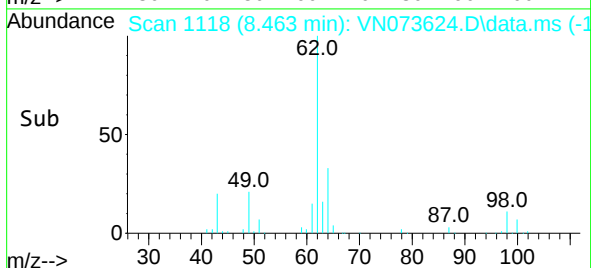
Supervised By :Mahesh Dadoda 07/29/2022

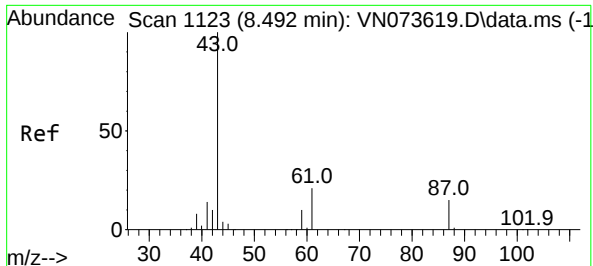


#42
1,2-Dichloroethane
Concen: 69.529 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. 0.000 min
Lab File: VN073624.D
Acq: 28 Jul 2022 15:00



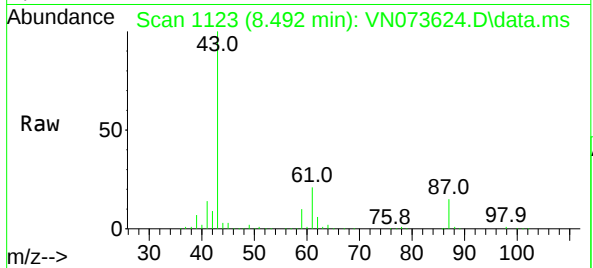
Tgt Ion: 62 Resp: 457944
Ion Ratio Lower Upper
62 100
98 10.5 0.0 19.4





#43
Isopropyl Acetate
Concen: 76.391 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN073624.D
Acq: 28 Jul 2022 15:00

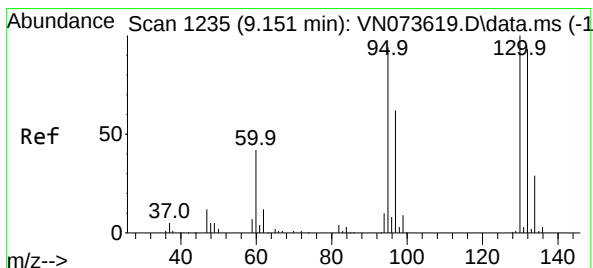
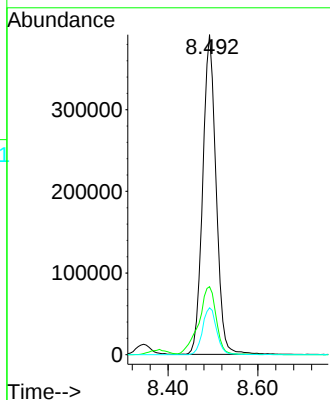
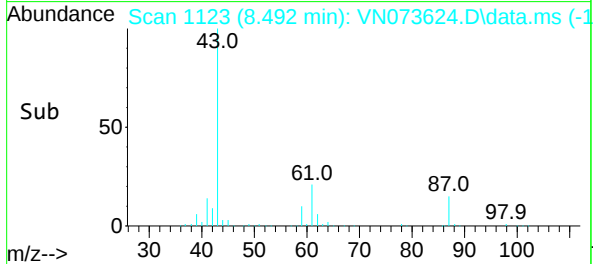
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



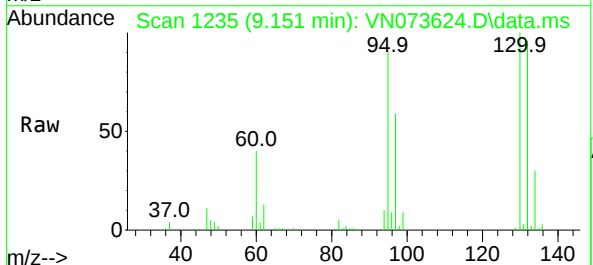
Tgt Ion: 43 Resp: 808290
Ion Ratio Lower Upper
43 100
61 27.8 21.9 32.9
87 15.5 12.0 18.0

Manual Integrations
APPROVED

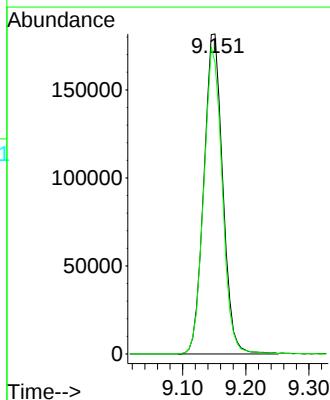
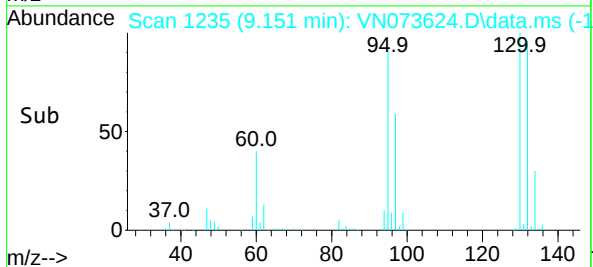
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

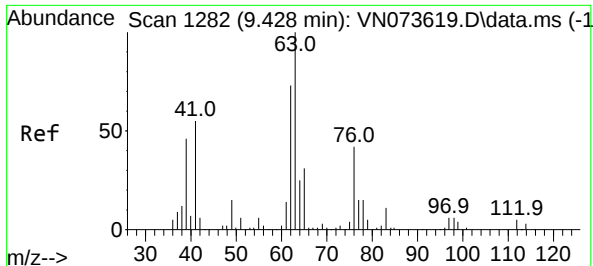


#44
Trichloroethene
Concen: 77.743 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VN073624.D
Acq: 28 Jul 2022 15:00



Tgt Ion:130 Resp: 377695
Ion Ratio Lower Upper
130 100
95 91.1 0.0 186.8





#45

1,2-Dichloropropane

Concen: 72.568 ug/l

RT: 9.428 min Scan# 1282

Delta R.T. 0.000 min

Lab File: VN073624.D

Acq: 28 Jul 2022 15:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion: 63 Resp: 34996

Ion Ratio Lower Upper

63 100

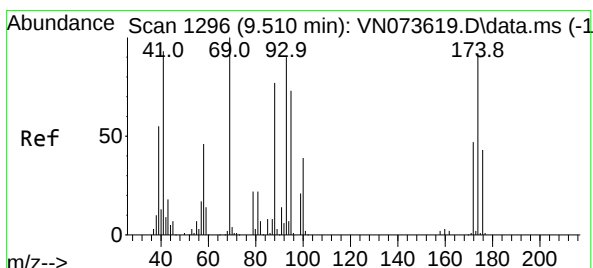
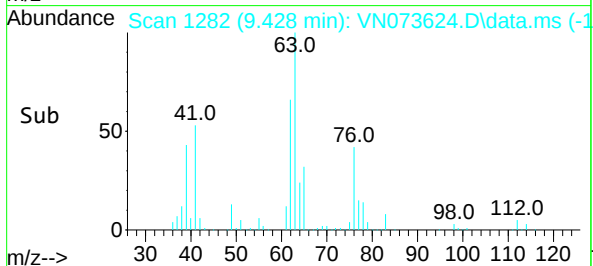
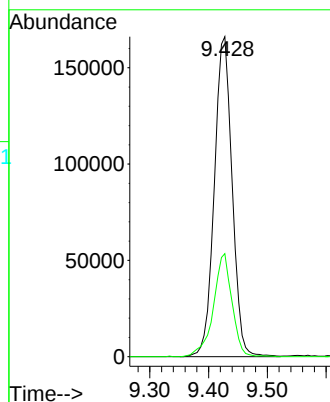
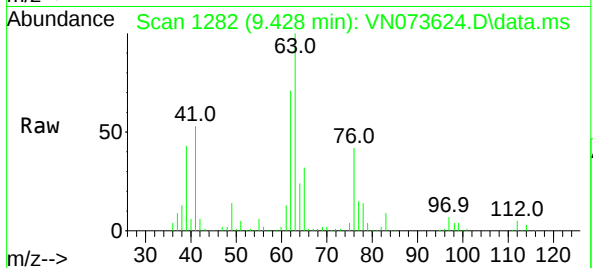
65 32.2 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/29/2022

Supervised By :Mahesh Dadoda 07/29/2022



#46

Dibromomethane

Concen: 73.896 ug/l

RT: 9.510 min Scan# 1296

Delta R.T. 0.000 min

Lab File: VN073624.D

Acq: 28 Jul 2022 15:00

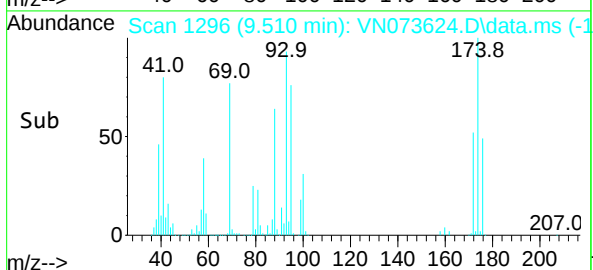
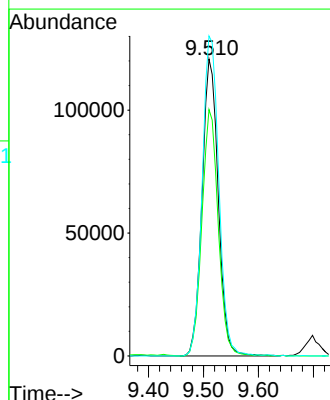
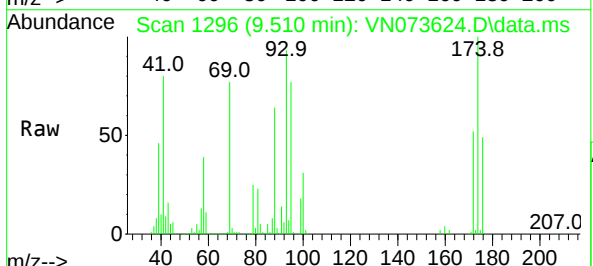
Tgt Ion: 93 Resp: 248361

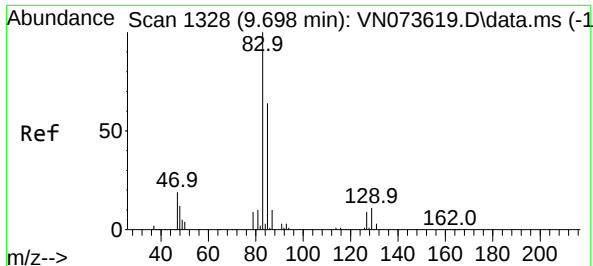
Ion Ratio Lower Upper

93 100

95 83.3 66.9 100.3

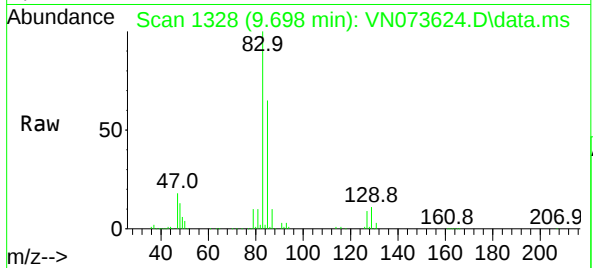
174 110.1 86.6 130.0





#47
Bromodichloromethane
Concen: 74.900 ug/l
RT: 9.698 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VN073624.D
Acq: 28 Jul 2022 15:00

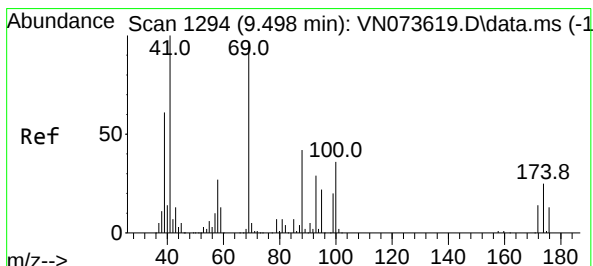
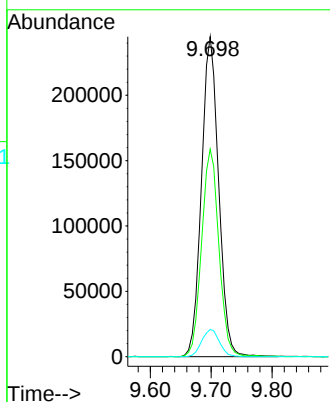
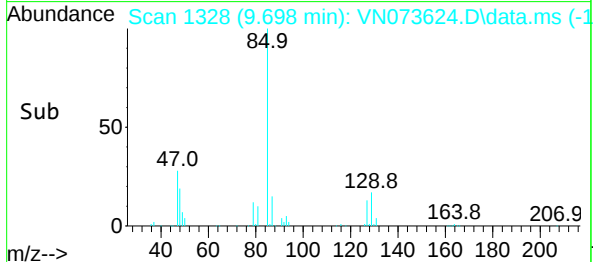
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



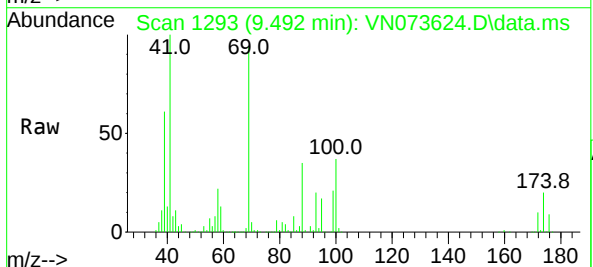
Tgt Ion: 83 Resp: 47963
Ion Ratio Lower Upper
83 100
85 64.9 50.5 75.7
127 8.5 6.8 10.2

Manual Integrations
APPROVED

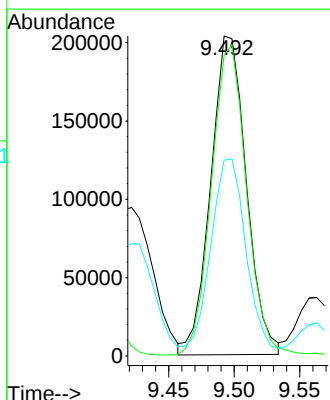
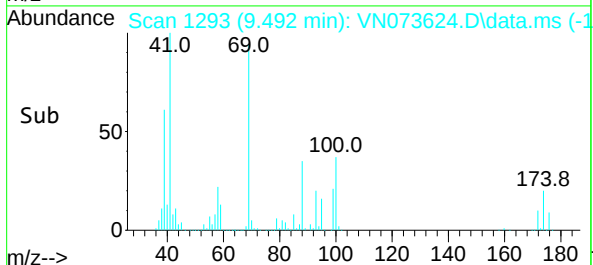
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

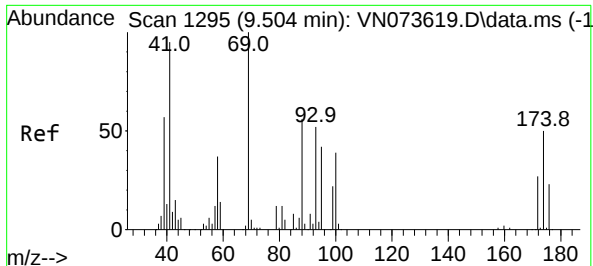


#48
Methyl methacrylate
Concen: 84.039 ug/l
RT: 9.492 min Scan# 1293
Delta R.T. -0.006 min
Lab File: VN073624.D
Acq: 28 Jul 2022 15:00



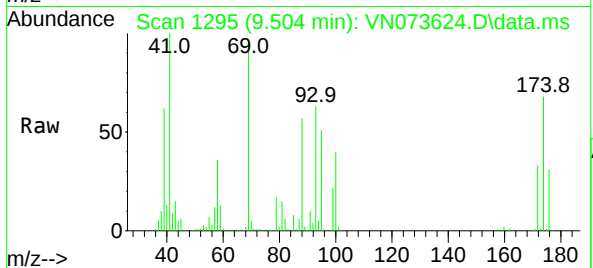
Tgt Ion: 41 Resp: 383933
Ion Ratio Lower Upper
41 100
69 96.9 74.7 112.1
39 57.4 45.6 68.4





#49
1,4-Dioxane
Concen: 1553.917 ug/l
RT: 9.504 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VN073624.D
Acq: 28 Jul 2022 15:00

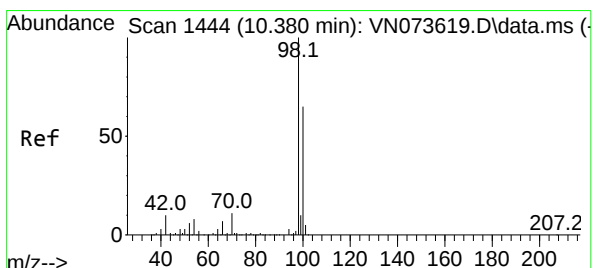
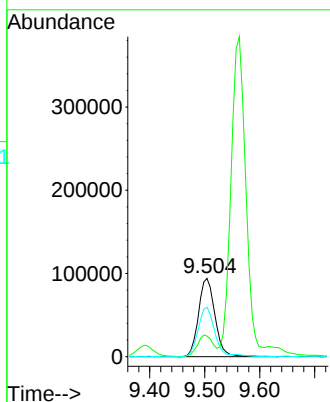
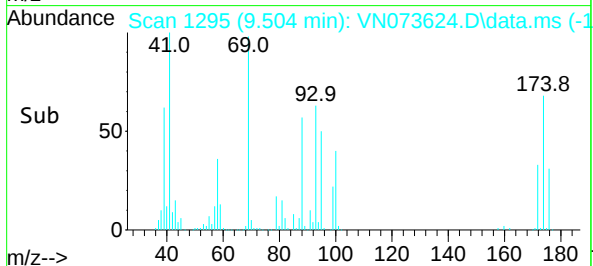
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion: 88 Resp: 196018
Ion Ratio Lower Upper
88 100
43 25.5 20.2 30.4
58 64.4 54.2 81.4

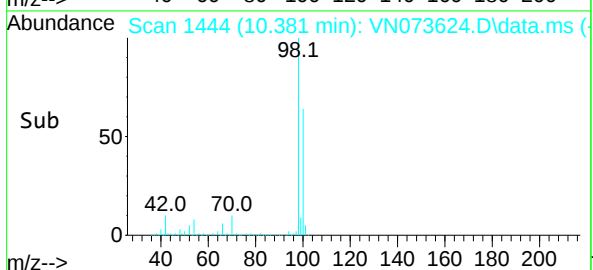
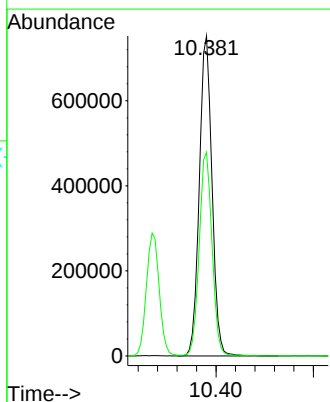
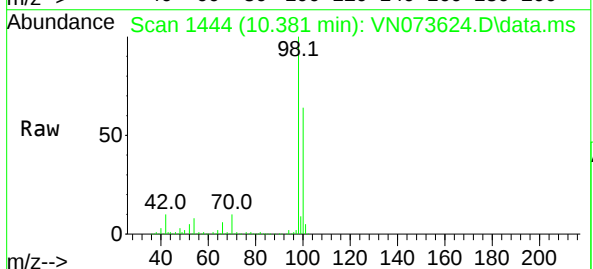
Manual Integrations
APPROVED

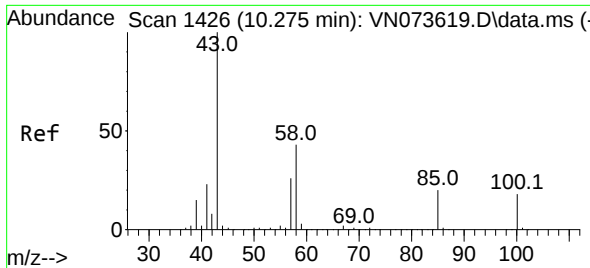
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#50
Toluene-d8
Concen: 82.292 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073624.D
Acq: 28 Jul 2022 15:00

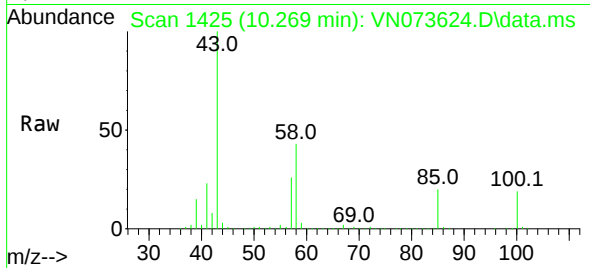
Tgt Ion: 98 Resp: 1359828
Ion Ratio Lower Upper
98 100
100 64.3 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 376.891 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VN073624.D
Acq: 28 Jul 2022 15:00

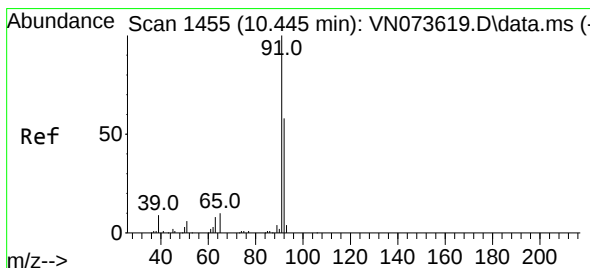
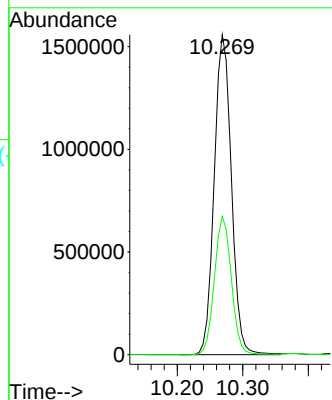
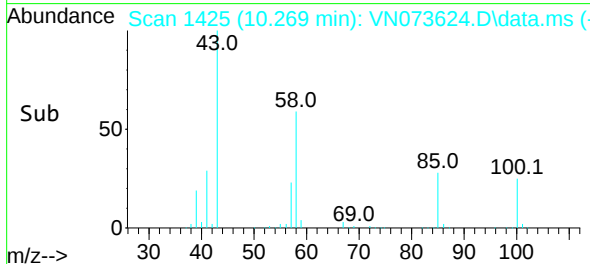
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



Tgt Ion: 43 Resp: 2828790
Ion Ratio Lower Upper
43 100
58 42.7 34.1 51.1

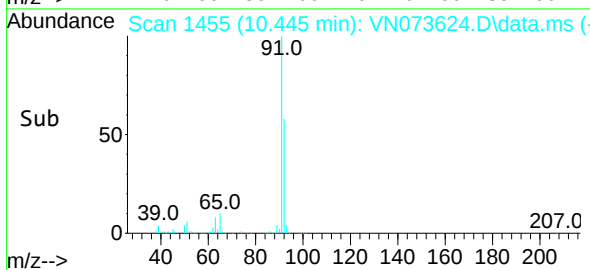
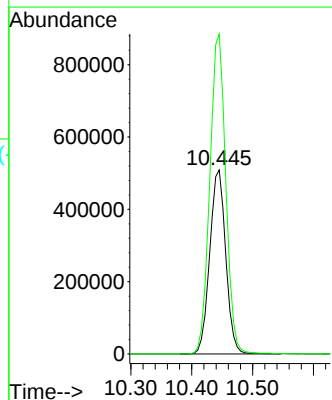
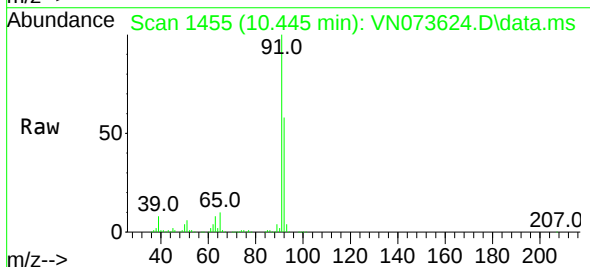
Manual Integrations
APPROVED

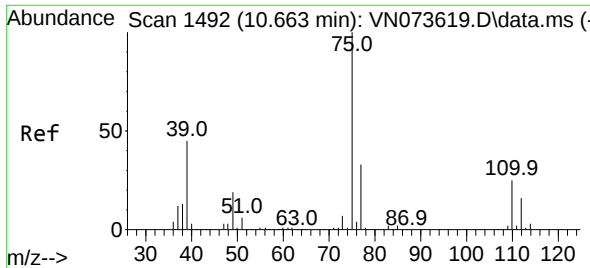
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#52
Toluene
Concen: 79.324 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN073624.D
Acq: 28 Jul 2022 15:00

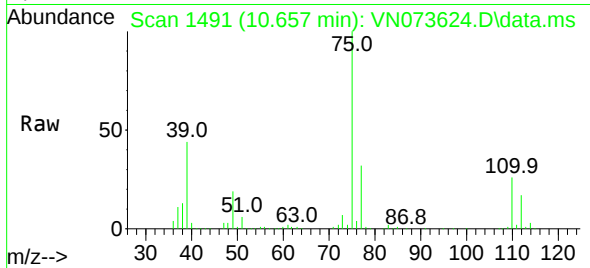
Tgt Ion: 92 Resp: 929115
Ion Ratio Lower Upper
92 100
91 173.9 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 84.807 ug/l
RT: 10.657 min Scan# 1491
Delta R.T. -0.006 min
Lab File: VN073624.D
Acq: 28 Jul 2022 15:00

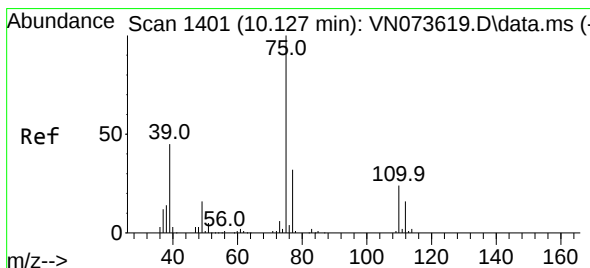
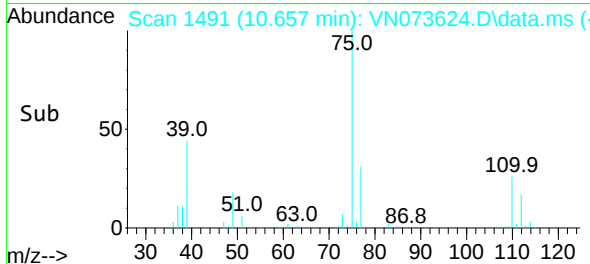
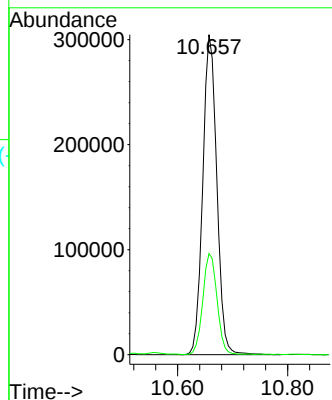
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion: 75 Resp: 539774
Ion Ratio Lower Upper
75 100
77 31.5 25.6 38.4

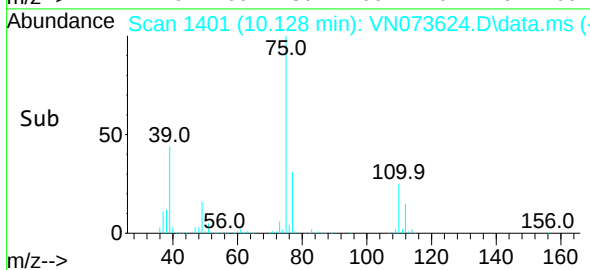
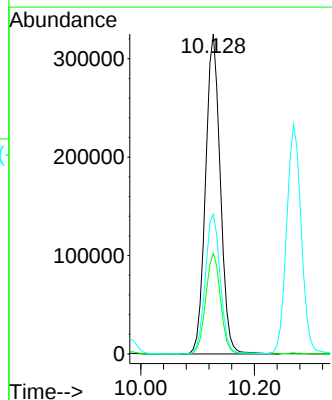
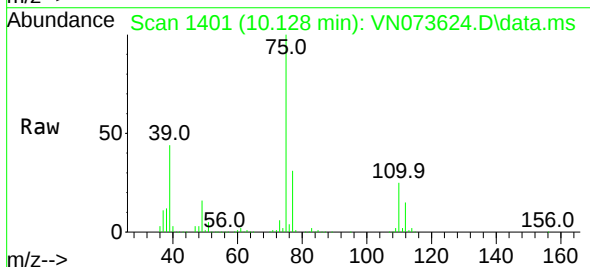
Manual Integrations
APPROVED

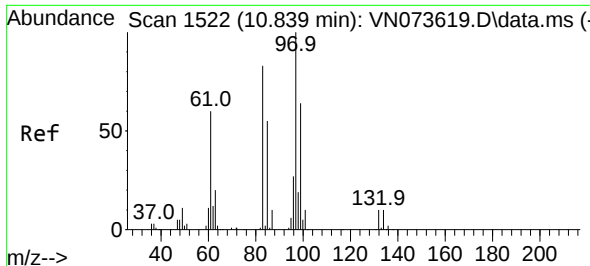
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#54
cis-1,3-Dichloropropene
Concen: 82.026 ug/l
RT: 10.128 min Scan# 1401
Delta R.T. 0.000 min
Lab File: VN073624.D
Acq: 28 Jul 2022 15:00

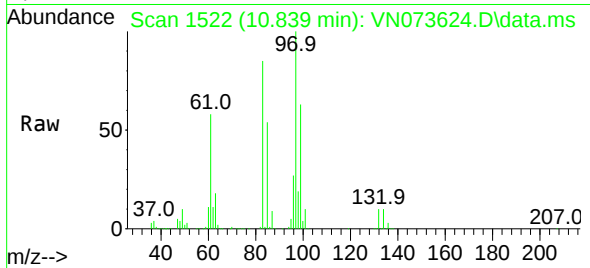
Tgt Ion: 75 Resp: 585386
Ion Ratio Lower Upper
75 100
77 31.5 25.2 37.8
39 43.6 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 73.787 ug/l
RT: 10.839 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VN073624.D
Acq: 28 Jul 2022 15:00

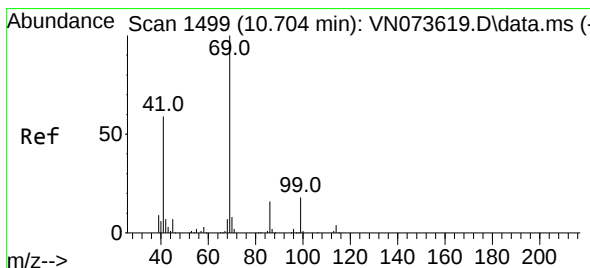
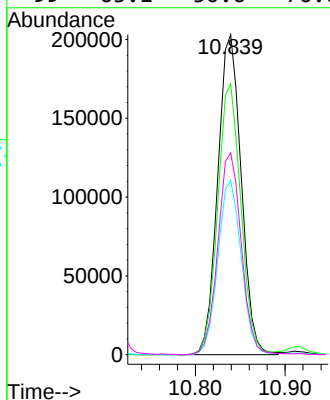
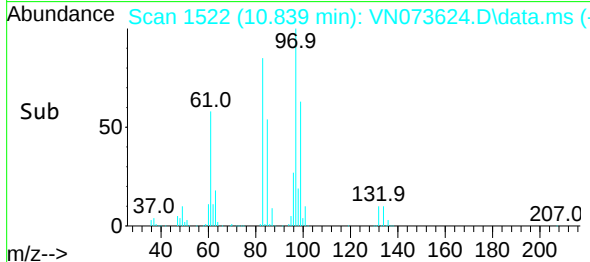
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



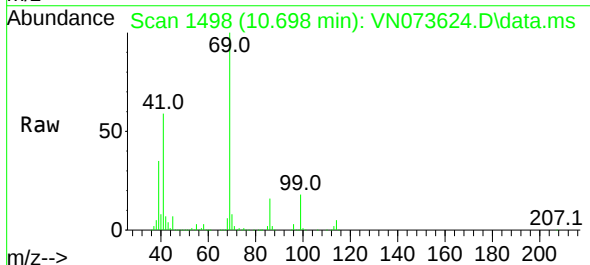
Tgt Ion:	97	Resp:	368594
Ion	Ratio	Lower	Upper
97	100		
83	84.7	66.2	99.4
85	54.4	43.9	65.9
99	63.1	50.6	76.0

Manual Integrations
APPROVED

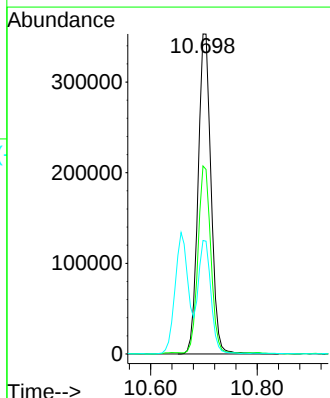
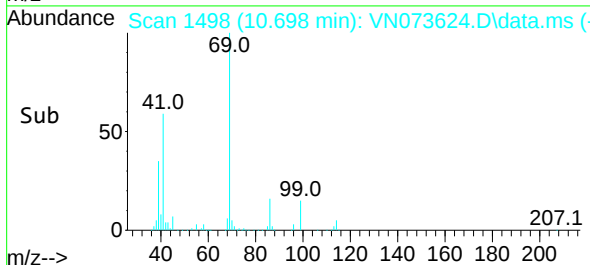
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#56
Ethyl methacrylate
Concen: 87.742 ug/l
RT: 10.698 min Scan# 1498
Delta R.T. -0.006 min
Lab File: VN073624.D
Acq: 28 Jul 2022 15:00



Tgt Ion:	69	Resp:	595190
Ion	Ratio	Lower	Upper
69	100		
41	57.5	47.8	71.6
39	34.3	27.3	40.9





#57

1,3-Dichloropropane

Concen: 74.510 ug/l

RT: 10.986 min Scan# 1547

Delta R.T. 0.000 min

Lab File: VN073624.D

Acq: 28 Jul 2022 15:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion: 76 Resp: 620140

Ion Ratio Lower Upper

76 100

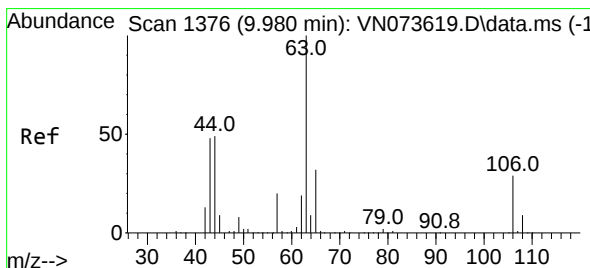
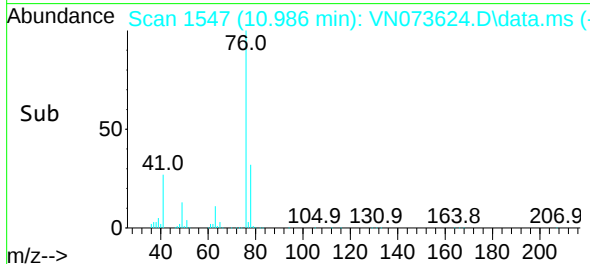
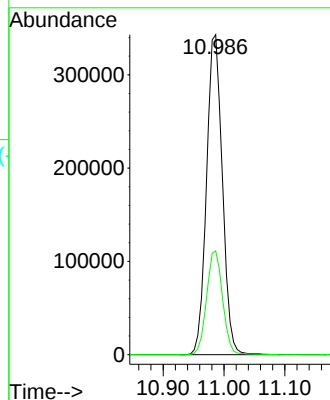
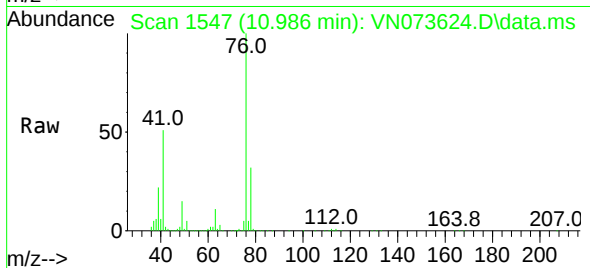
78 32.9 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/29/2022

Supervised By :Mahesh Dadoda 07/29/2022



#58

2-Chloroethyl Vinyl ether

Concen: 454.820 ug/l

RT: 9.981 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VN073624.D

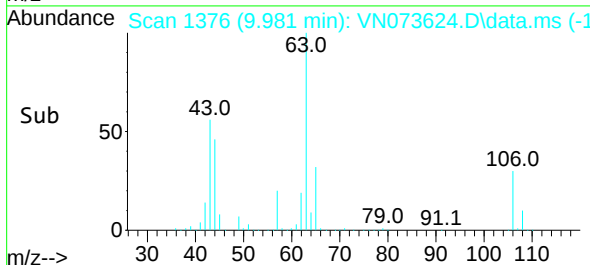
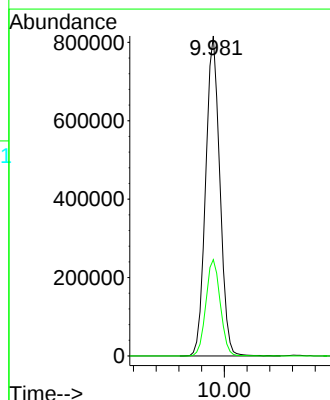
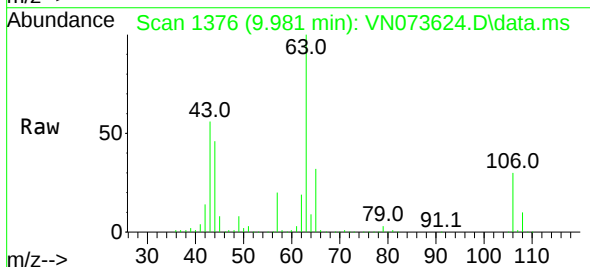
Acq: 28 Jul 2022 15:00

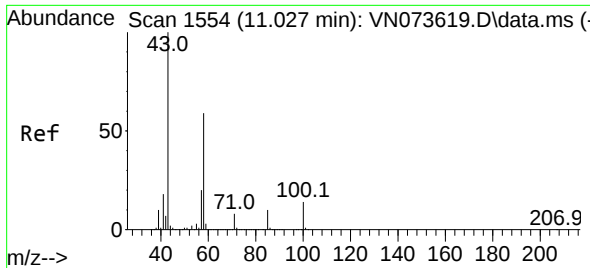
Tgt Ion: 63 Resp: 1410035

Ion Ratio Lower Upper

63 100

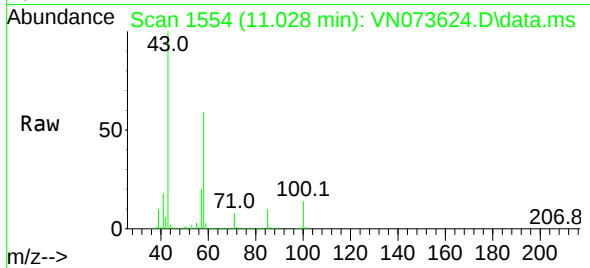
106 30.6 24.6 36.8





#59
2-Hexanone
Concen: 387.559 ug/l
RT: 11.028 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VN073624.D
Acq: 28 Jul 2022 15:00

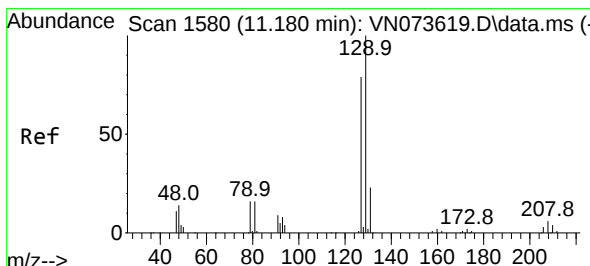
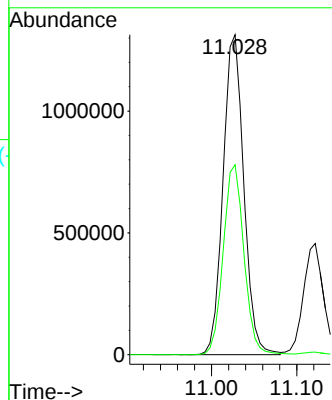
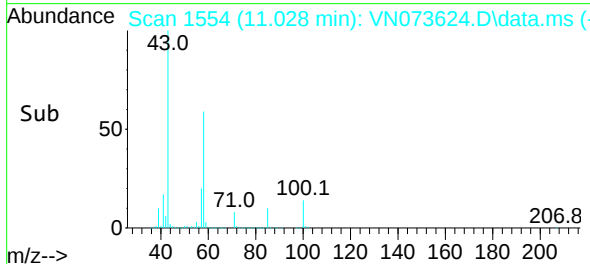
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion: 43 Resp: 221931
Ion Ratio Lower Upper
43 100
58 59.6 29.7 89.1

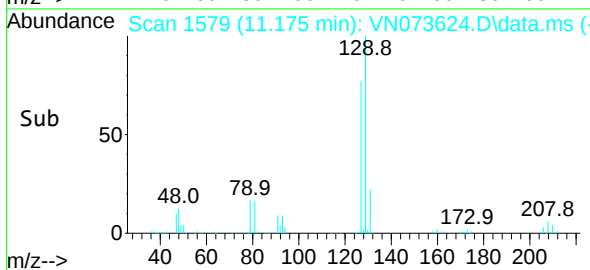
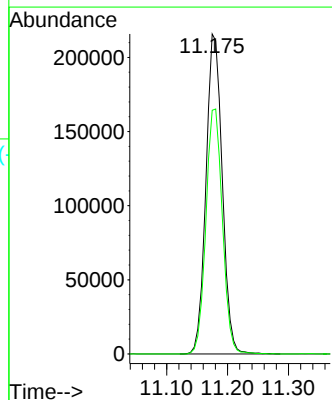
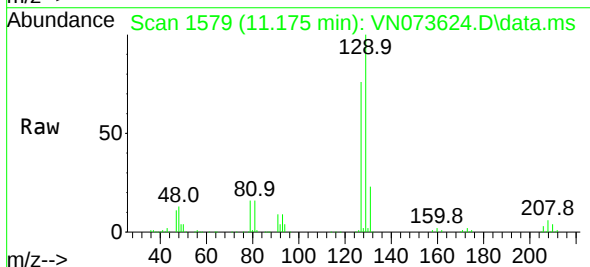
Manual Integrations
APPROVED

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



#60
Dibromochloromethane
Concen: 80.656 ug/l
RT: 11.175 min Scan# 1579
Delta R.T. -0.006 min
Lab File: VN073624.D
Acq: 28 Jul 2022 15:00

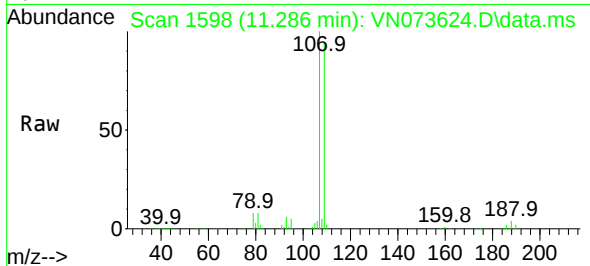
Tgt Ion:129 Resp: 401018
Ion Ratio Lower Upper
129 100
127 77.5 38.8 116.4





#61
1,2-Dibromoethane
Concen: 77.726 ug/l
RT: 11.286 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN073624.D
Acq: 28 Jul 2022 15:00

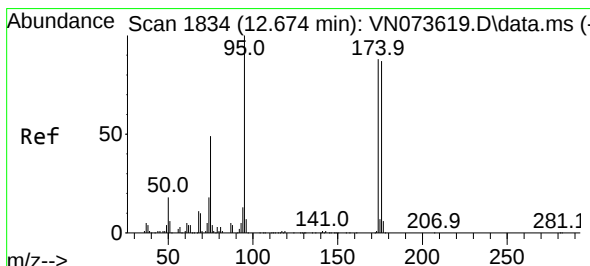
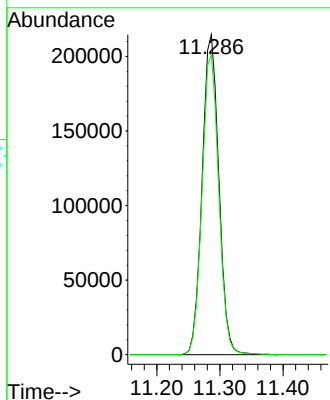
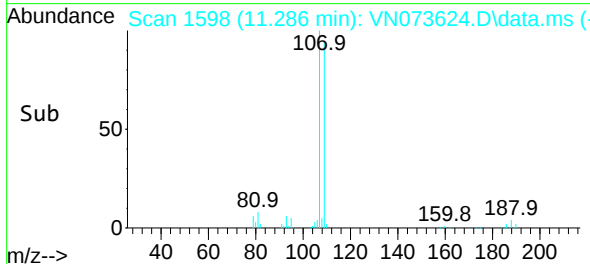
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



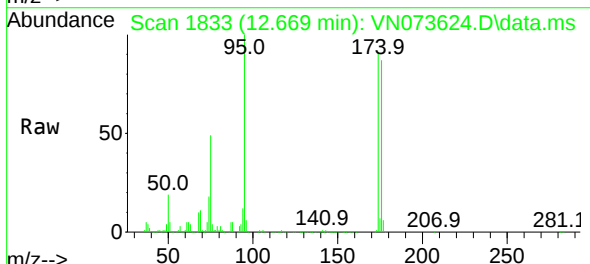
Tgt Ion:107 Resp: 393428
Ion Ratio Lower Upper
107 100
109 93.7 75.0 112.6

Manual Integrations
APPROVED

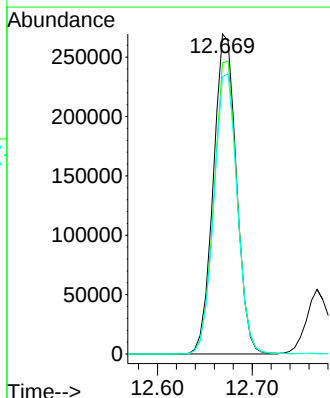
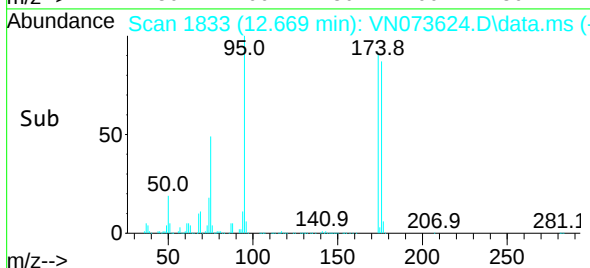
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

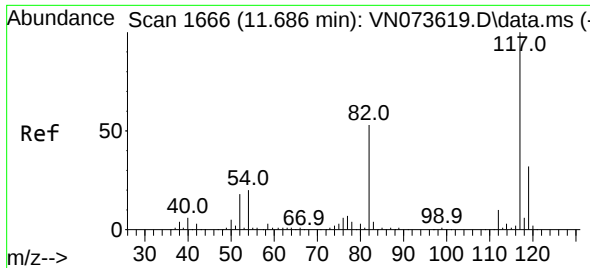


#62
4-Bromofluorobenzene
Concen: 89.261 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN073624.D
Acq: 28 Jul 2022 15:00



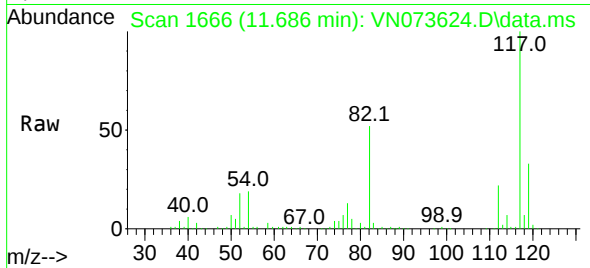
Tgt Ion: 95 Resp: 456097
Ion Ratio Lower Upper
95 100
174 91.9 0.0 167.6
176 88.5 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1166
Delta R.T. 0.000 min
Lab File: VN073624.D
Acq: 28 Jul 2022 15:00

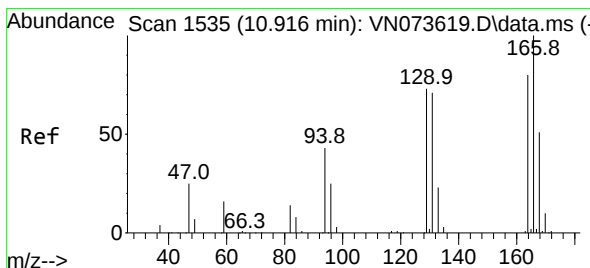
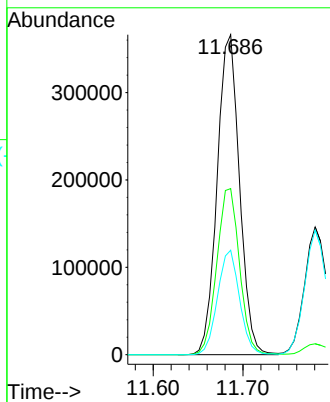
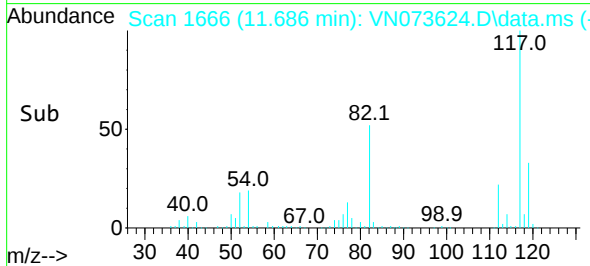
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



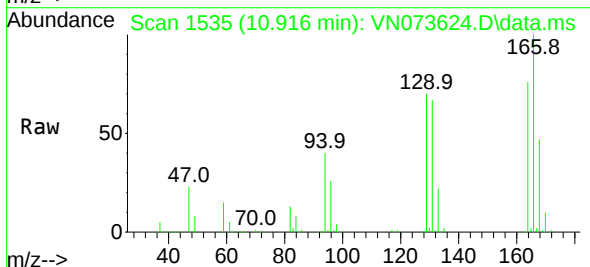
Tgt Ion:117 Resp: 634324
Ion Ratio Lower Upper
117 100
82 51.9 44.2 66.2
119 32.7 25.4 38.0

Manual Integrations
APPROVED

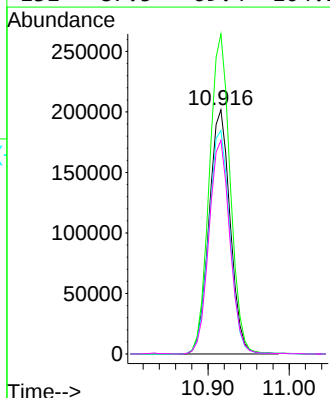
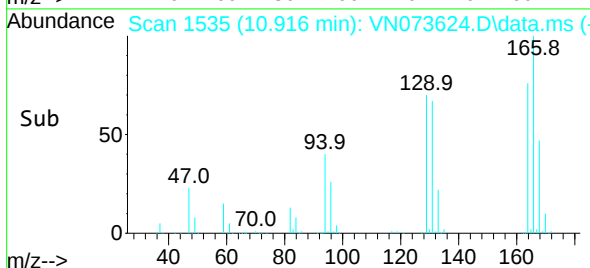
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

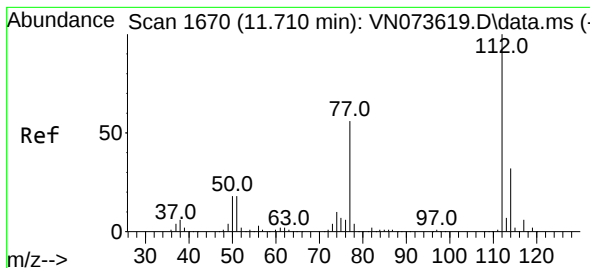


#64
Tetrachloroethene
Concen: 72.606 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. 0.000 min
Lab File: VN073624.D
Acq: 28 Jul 2022 15:00



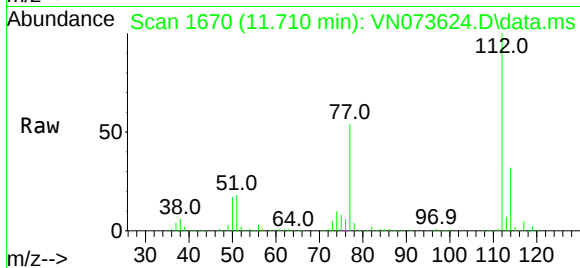
Tgt Ion:164 Resp: 364615
Ion Ratio Lower Upper
164 100
166 131.0 104.2 156.2
129 91.5 73.9 110.9
131 87.5 69.4 104.2





#65
Chlorobenzene
Concen: 75.130 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VN073624.D
Acq: 28 Jul 2022 15:00

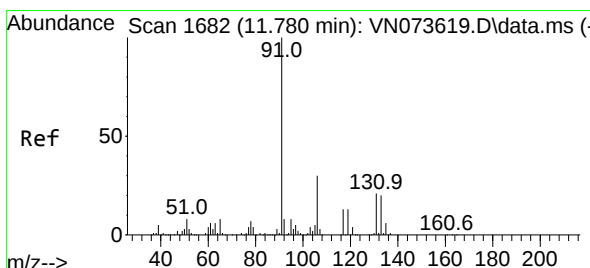
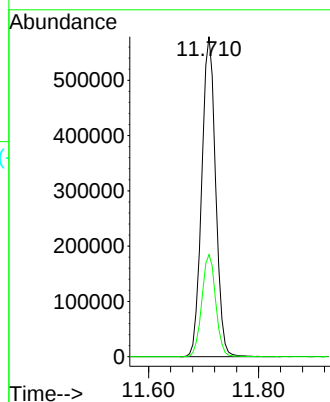
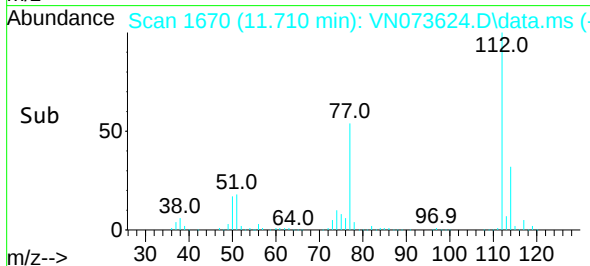
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



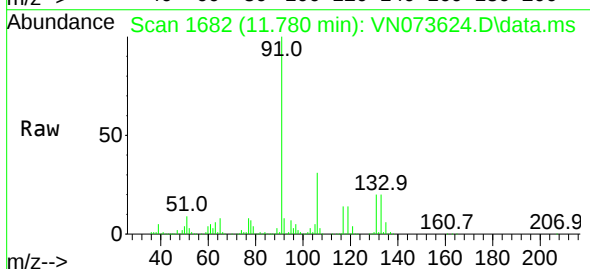
Tgt Ion:112 Resp: 1014314
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.2

Manual Integrations
APPROVED

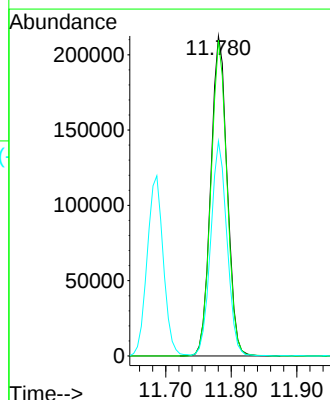
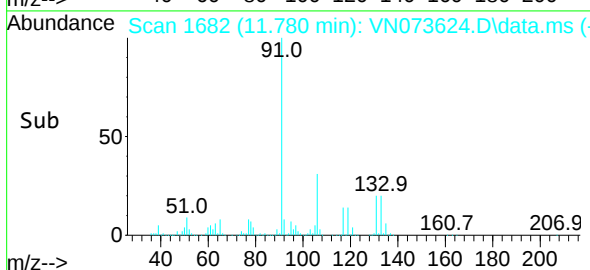
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

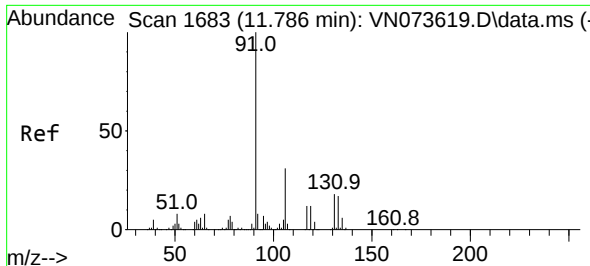


#66
1,1,1,2-Tetrachloroethane
Concen: 77.449 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073624.D
Acq: 28 Jul 2022 15:00



Tgt Ion:131 Resp: 369951
Ion Ratio Lower Upper
131 100
133 96.4 47.8 143.4
119 66.1 33.4 100.2





#67

Ethyl Benzene

Concen: 80.544 ug/l

RT: 11.786 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN073624.D

Acq: 28 Jul 2022 15:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion: 91 Resp: 1809650

Ion Ratio Lower Upper

91 100

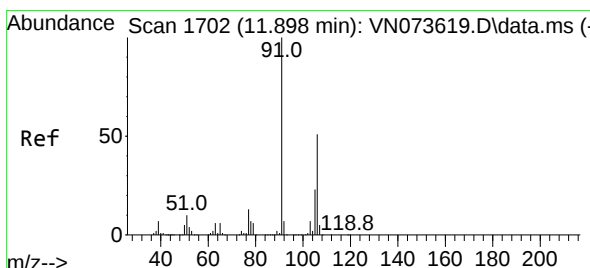
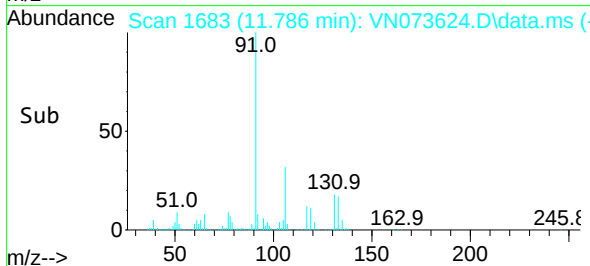
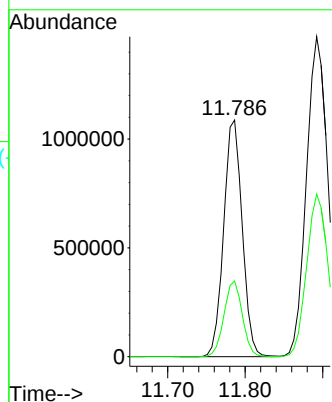
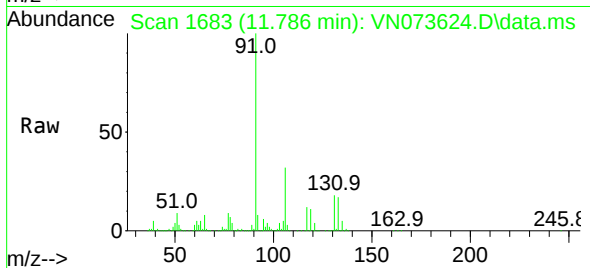
106 32.0 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/29/2022

Supervised By :Mahesh Dadoda 07/29/2022



#68

m/p-Xylenes

Concen: 165.081 ug/l

RT: 11.892 min Scan# 1701

Delta R.T. -0.006 min

Lab File: VN073624.D

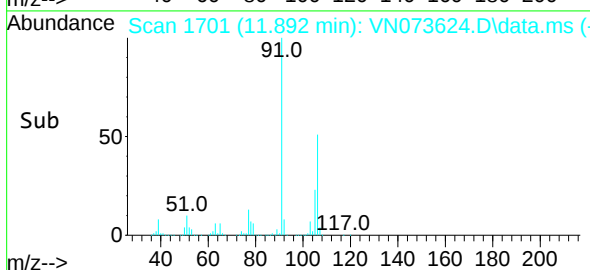
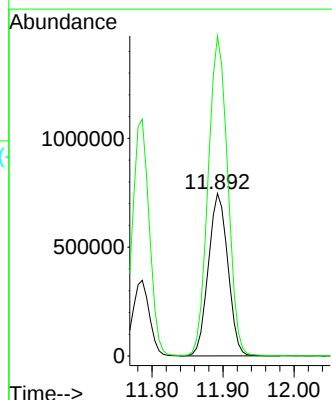
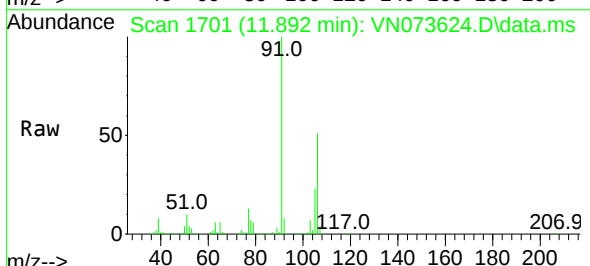
Acq: 28 Jul 2022 15:00

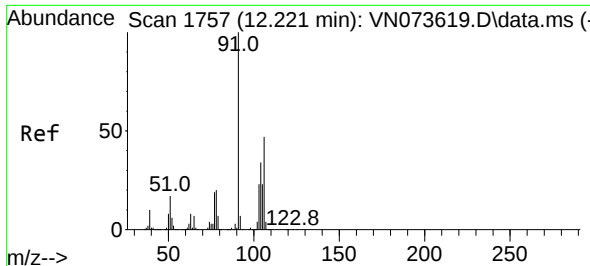
Tgt Ion:106 Resp: 1422576

Ion Ratio Lower Upper

106 100

91 197.4 158.9 238.3





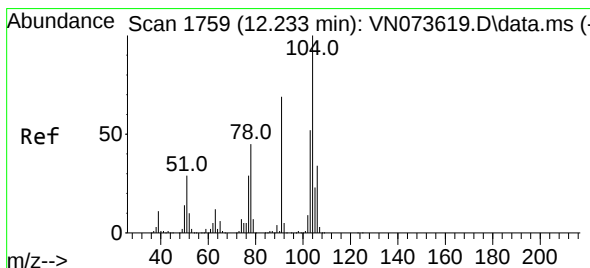
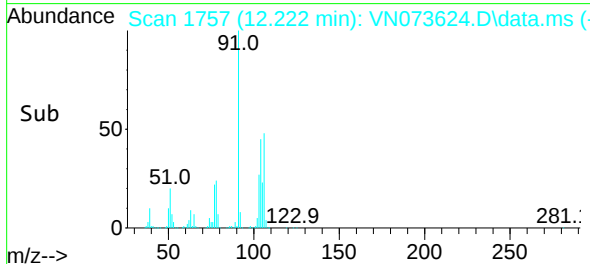
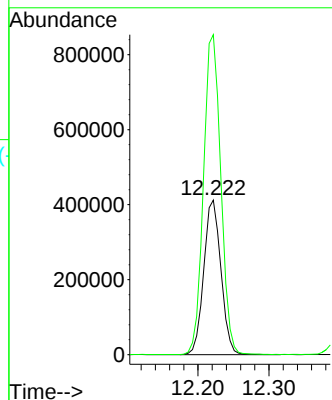
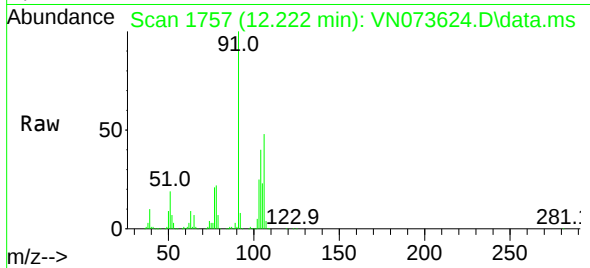
#69
o-Xylene
Concen: 82.967 ug/l
RT: 12.222 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VN073624.D
Acq: 28 Jul 2022 15:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion:106 Resp: 69380
Ion Ratio Lower Upper
106 100
91 208.6 106.0 318.0

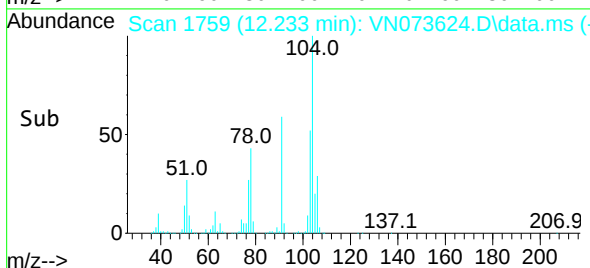
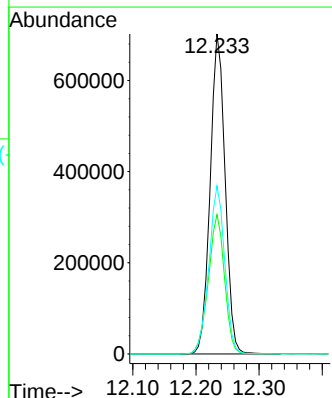
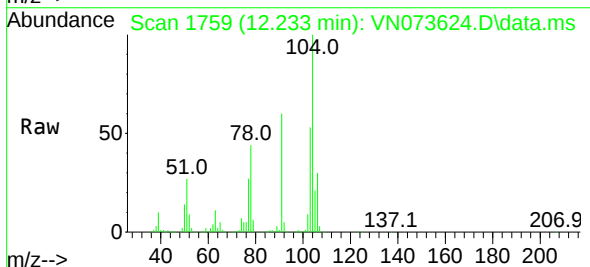
Manual Integrations
APPROVED

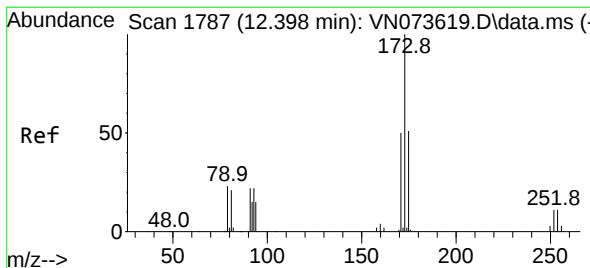
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#70
Styrene
Concen: 86.293 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN073624.D
Acq: 28 Jul 2022 15:00

Tgt Ion:104 Resp: 1154484
Ion Ratio Lower Upper
104 100
78 47.1 39.5 59.3
103 55.9 44.0 66.0





#71

Bromoform

Concen: 83.416 ug/l

RT: 12.398 min Scan# 1787

Delta R.T. 0.000 min

Lab File: VN073624.D

Acq: 28 Jul 2022 15:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075

Tgt Ion:173 Resp: 32351

Ion Ratio Lower Upper

173 100

175 49.3 24.6 73.6

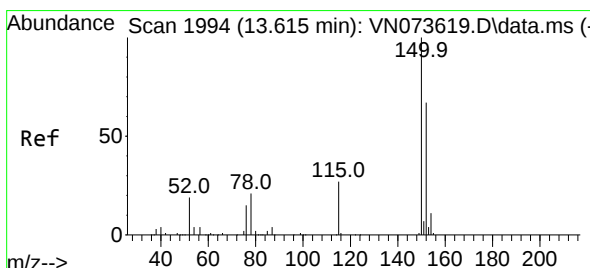
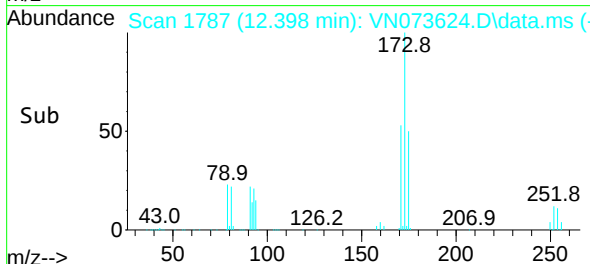
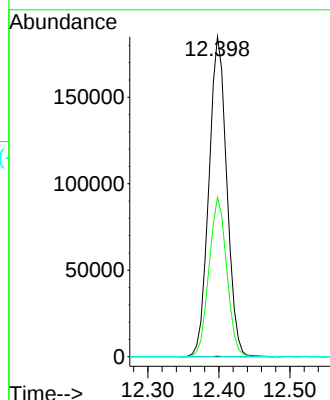
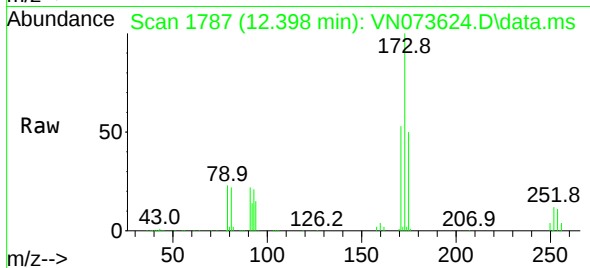
254 0.1 0.1 0.1

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: VN073624.D

Acq: 28 Jul 2022 15:00

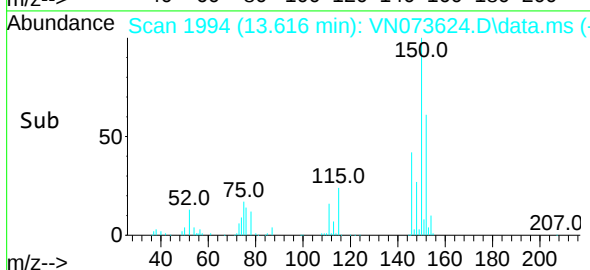
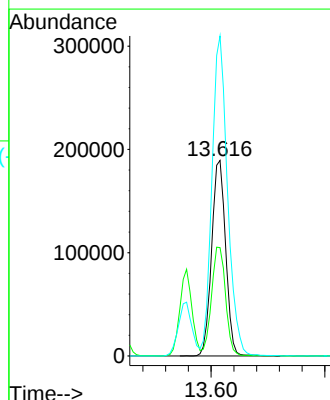
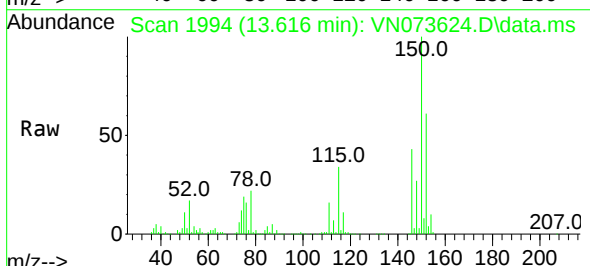
Tgt Ion:152 Resp: 323802

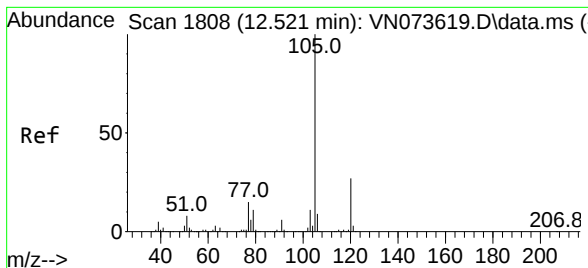
Ion Ratio Lower Upper

152 100

115 55.7 28.9 86.7

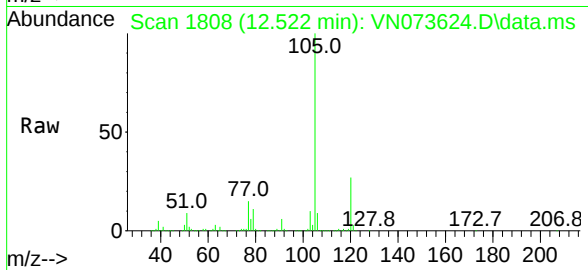
150 181.6 0.0 356.2





#73
Isopropylbenzene
Concen: 76.514 ug/l
RT: 12.522 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN073624.D
Acq: 28 Jul 2022 15:00

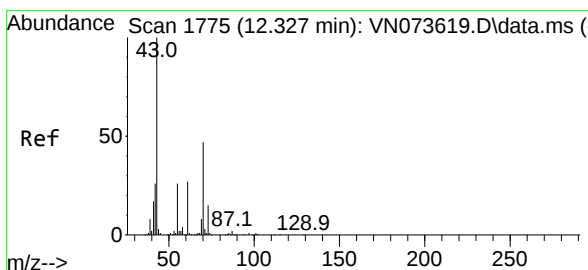
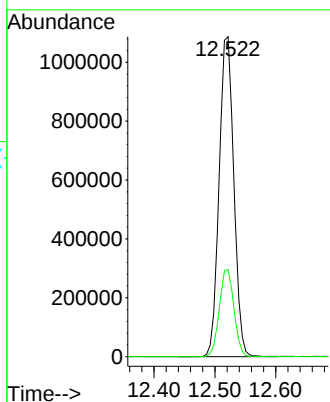
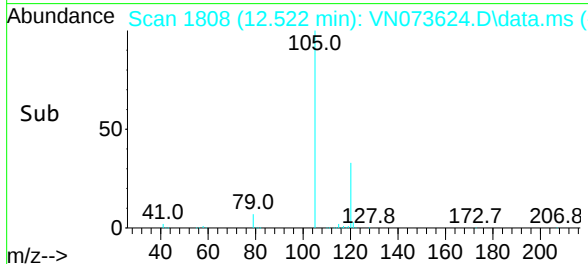
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



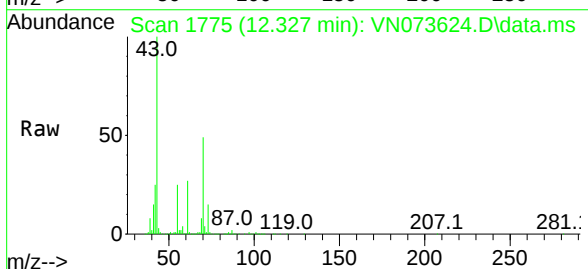
Tgt Ion:105 Resp: 1820600
Ion Ratio Lower Upper
105 100
120 27.1 13.5 40.4

Manual Integrations
APPROVED

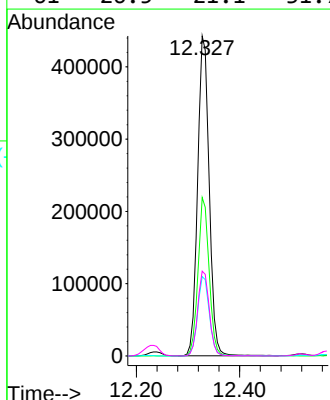
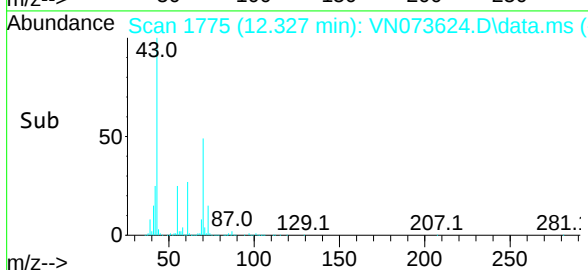
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

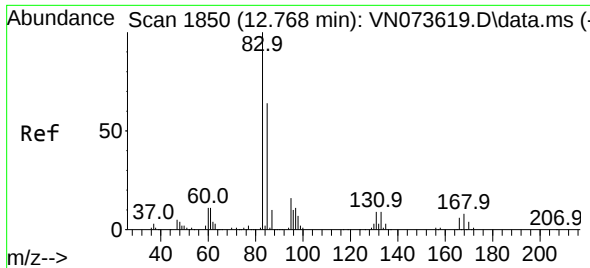


#74
N-ethyl acetate
Concen: 76.953 ug/l
RT: 12.327 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN073624.D
Acq: 28 Jul 2022 15:00



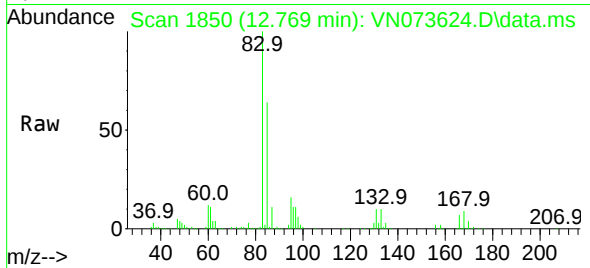
Tgt Ion: 43 Resp: 686861
Ion Ratio Lower Upper
43 100
70 47.7 39.0 58.4
55 25.2 21.1 31.7
61 26.5 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 63.025 ug/l
RT: 12.769 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VN073624.D
Acq: 28 Jul 2022 15:00

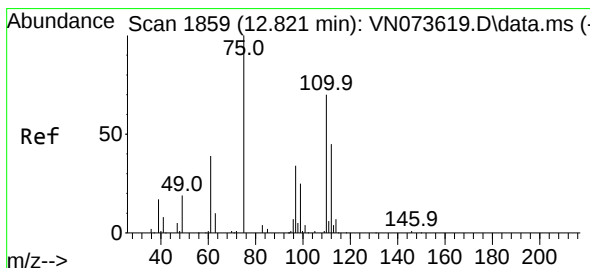
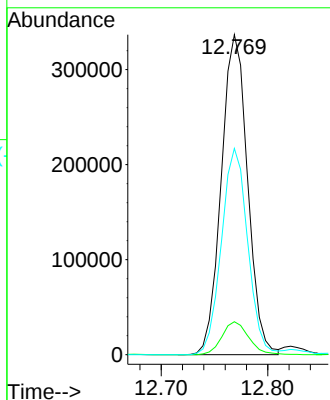
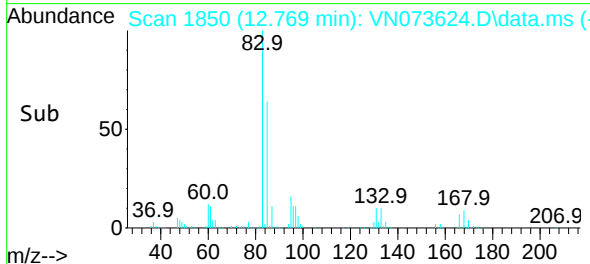
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



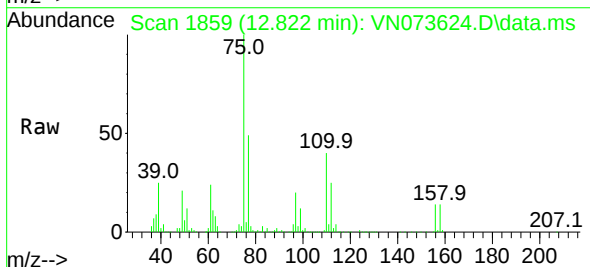
Tgt Ion: 83 Resp: 57789
Ion Ratio Lower Upper
83 100
131 10.5 5.3 15.9
85 64.3 32.3 96.9

Manual Integrations
APPROVED

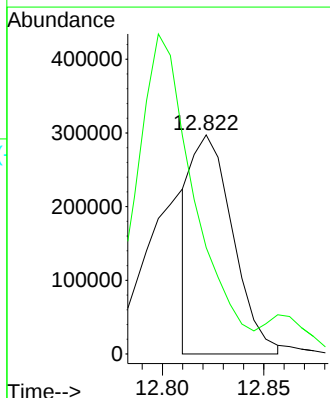
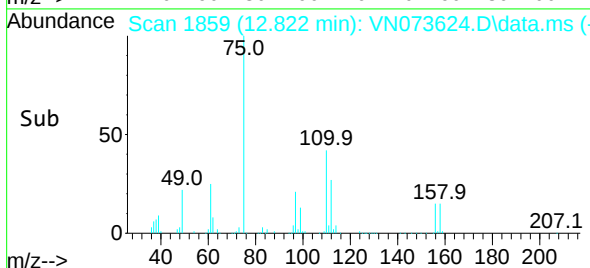
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#76
1,2,3-Trichloropropane
Concen: 55.189 ug/l m
RT: 12.822 min Scan# 1859
Delta R.T. 0.000 min
Lab File: VN073624.D
Acq: 28 Jul 2022 15:00



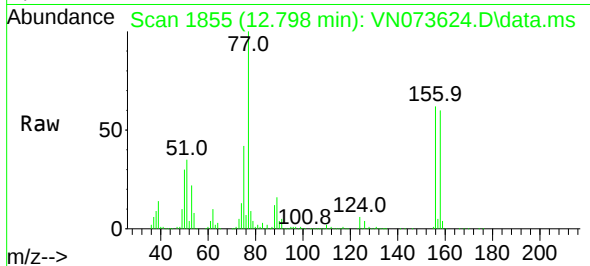
Tgt Ion: 75 Resp: 423434
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5#





#77
Bromobenzene
Concen: 73.542 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VN073624.D
Acq: 28 Jul 2022 15:00

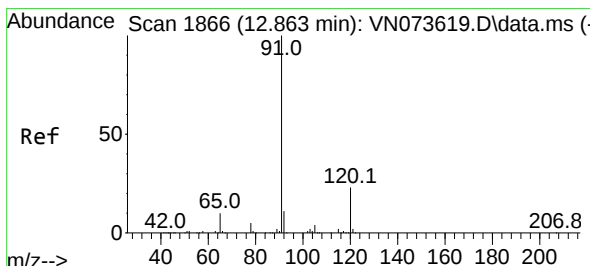
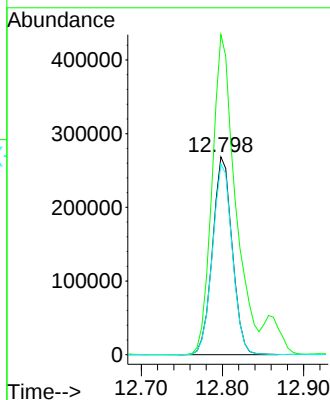
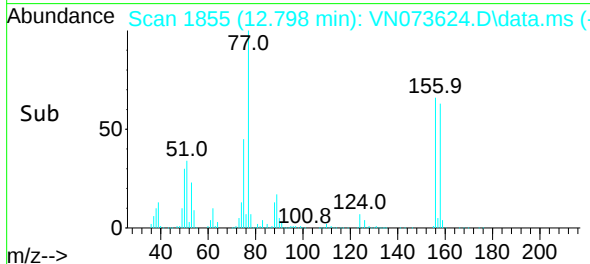
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



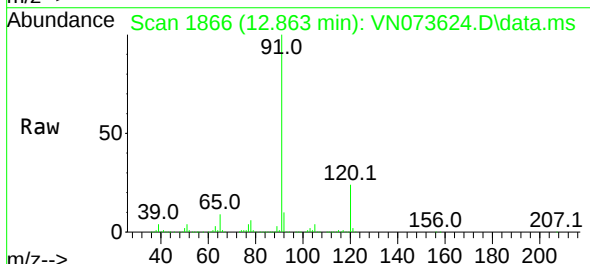
Tgt Ion:156 Resp: 452109
Ion Ratio Lower Upper
156 100
77 190.9 100.5 301.5
158 97.2 48.9 146.6

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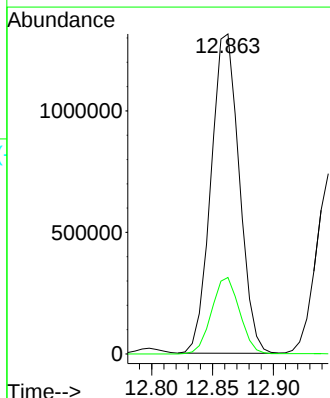
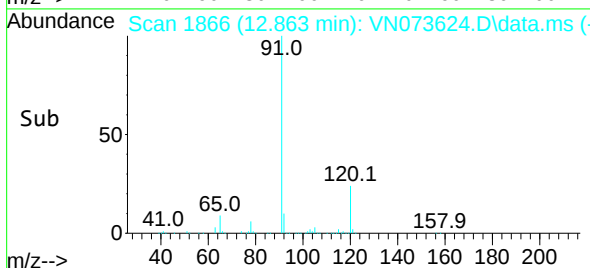
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

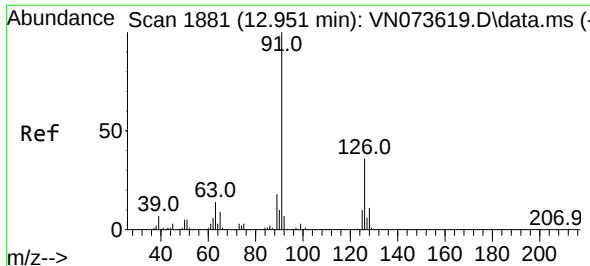


#78
n-propylbenzene
Concen: 80.396 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VN073624.D
Acq: 28 Jul 2022 15:00



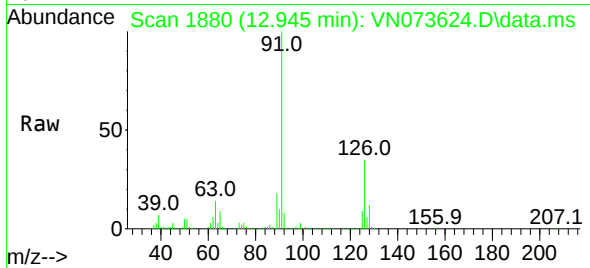
Tgt Ion: 91 Resp: 2122292
Ion Ratio Lower Upper
91 100
120 23.7 11.9 35.5





#79
2-Chlorotoluene
Concen: 74.138 ug/l
RT: 12.945 min Scan# 1880
Delta R.T. -0.006 min
Lab File: VN073624.D
Acq: 28 Jul 2022 15:00

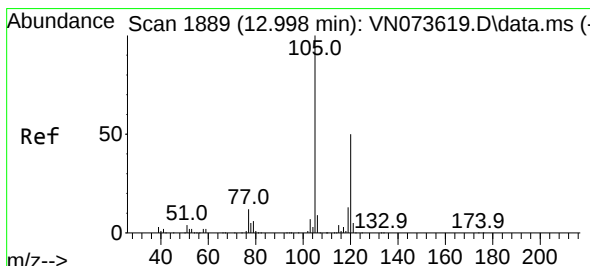
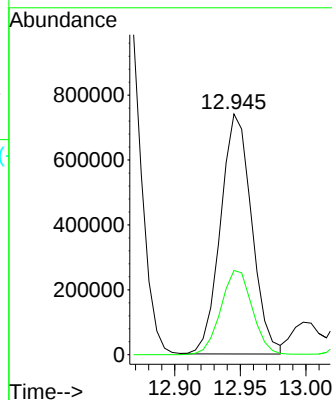
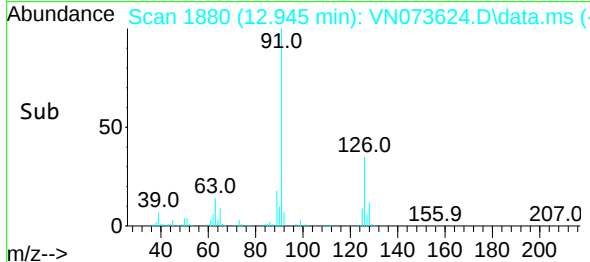
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



Tgt Ion: 91 Resp: 122274
Ion Ratio Lower Upper
91 100
126 35.5 17.3 51.9

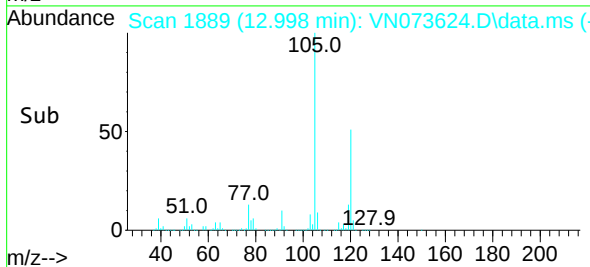
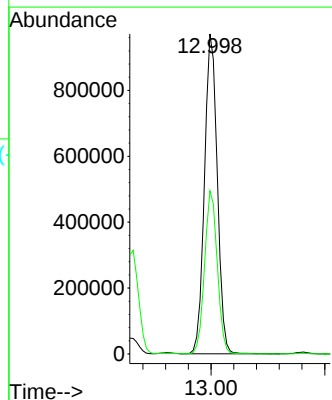
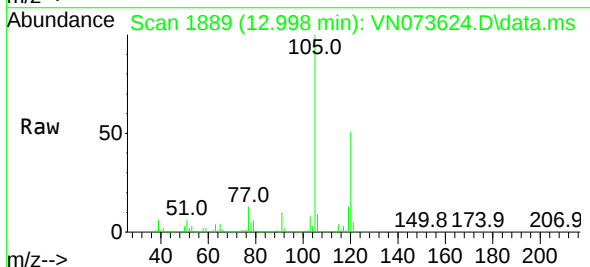
Manual Integrations
APPROVED

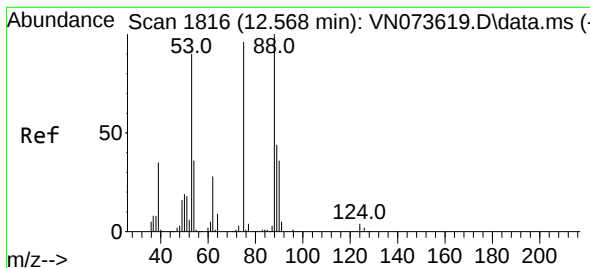
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#80
1,3,5-Trimethylbenzene
Concen: 78.321 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VN073624.D
Acq: 28 Jul 2022 15:00

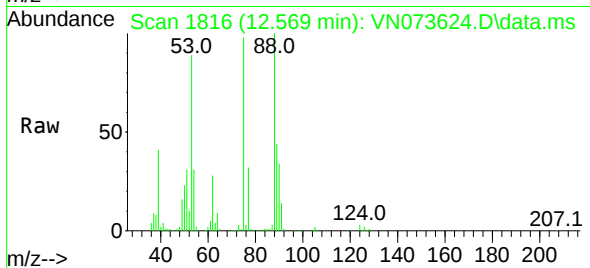
Tgt Ion:105 Resp: 1517251
Ion Ratio Lower Upper
105 100
120 50.6 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 78.944 ug/l
RT: 12.569 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN073624.D
Acq: 28 Jul 2022 15:00

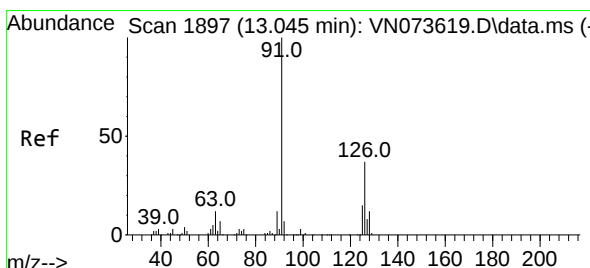
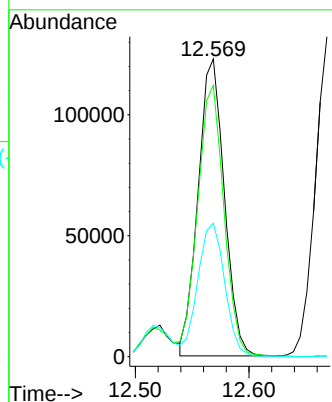
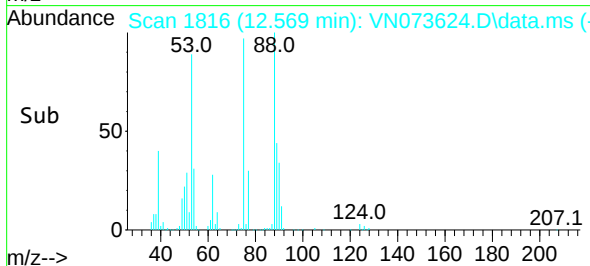
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



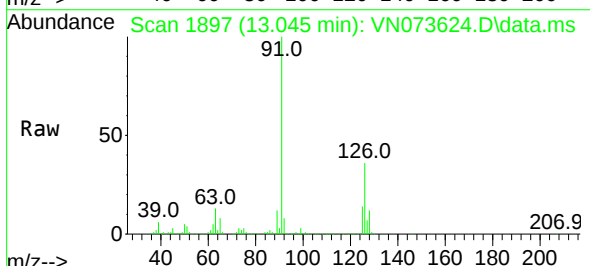
Tgt Ion: 75 Resp: 197250
Ion Ratio Lower Upper
75 100
53 92.8 78.0 117.0
89 46.1 37.2 55.8

Manual Integrations
APPROVED

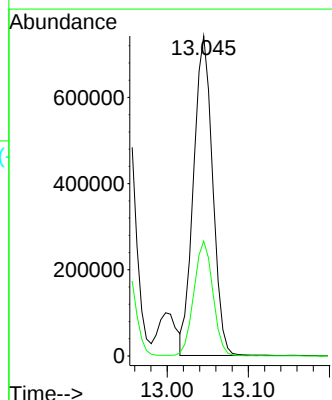
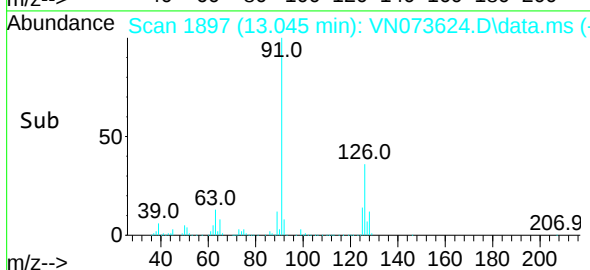
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#82
4-Chlorotoluene
Concen: 76.581 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VN073624.D
Acq: 28 Jul 2022 15:00



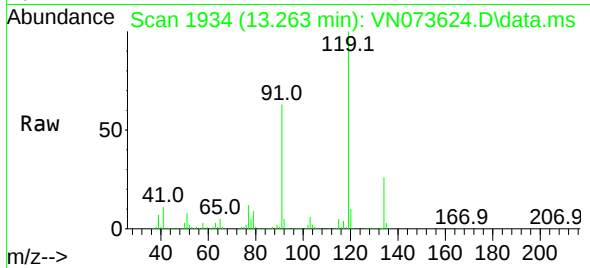
Tgt Ion: 91 Resp: 1209548
Ion Ratio Lower Upper
91 100
126 35.9 17.2 51.6





#83
tert-Butylbenzene
Concen: 77.999 ug/l
RT: 13.263 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN073624.D
Acq: 28 Jul 2022 15:00

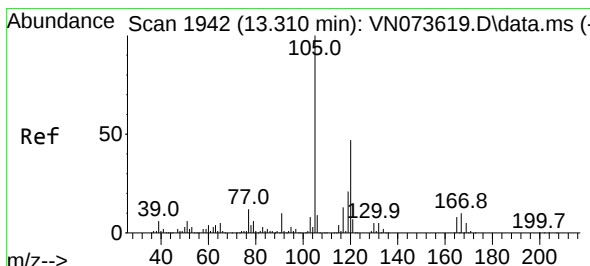
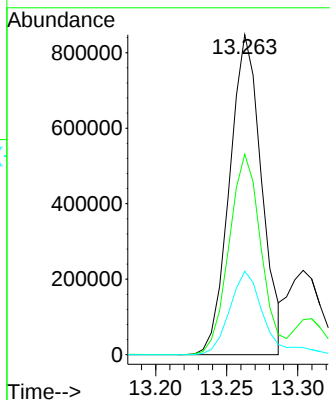
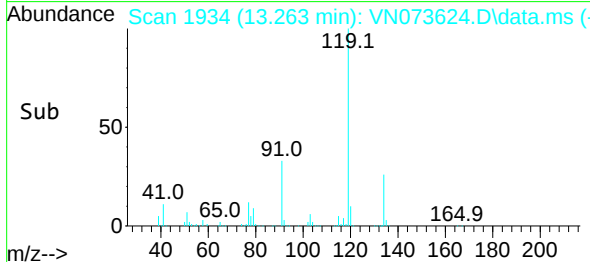
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



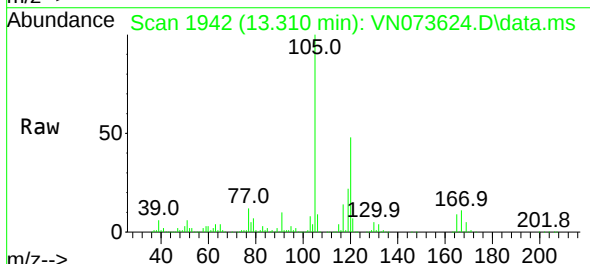
Tgt Ion:119 Resp: 1333788
Ion Ratio Lower Upper
119 100
91 62.8 31.6 94.8
134 27.8 13.7 41.1

Manual Integrations
APPROVED

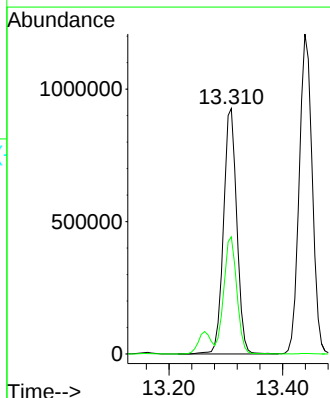
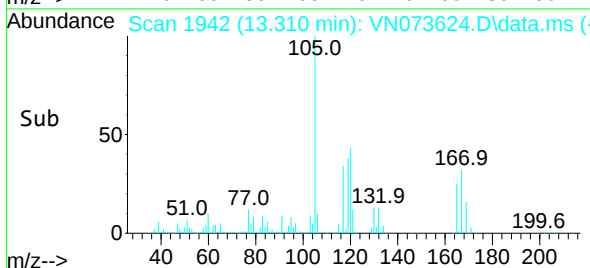
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

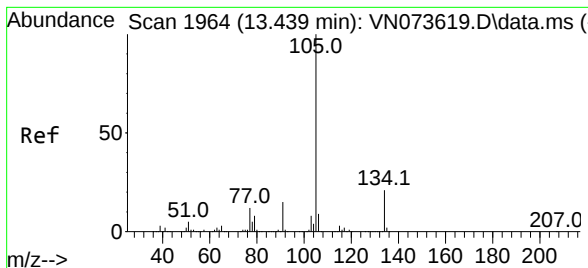


#84
1,2,4-Trimethylbenzene
Concen: 79.331 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. 0.000 min
Lab File: VN073624.D
Acq: 28 Jul 2022 15:00



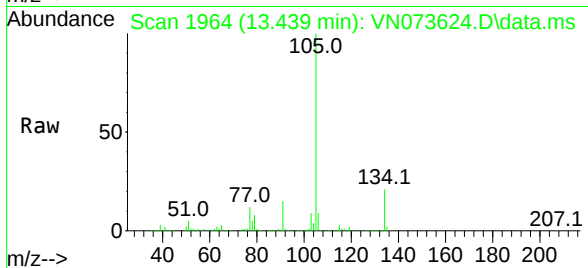
Tgt Ion:105 Resp: 1507529
Ion Ratio Lower Upper
105 100
120 46.9 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 81.301 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. 0.000 min
 Lab File: VN073624.D
 Acq: 28 Jul 2022 15:00

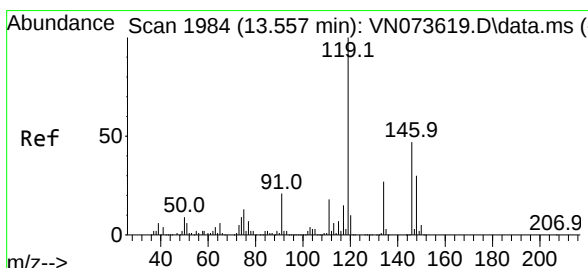
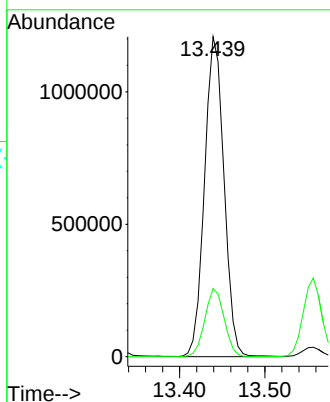
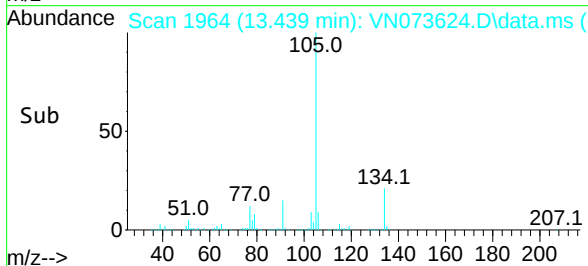
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC075



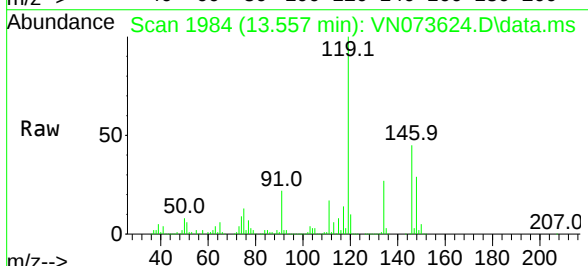
Tgt Ion:105 Resp: 1915910
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.4 31.1

Manual Integrations
 APPROVED

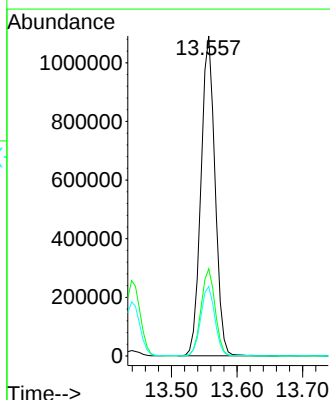
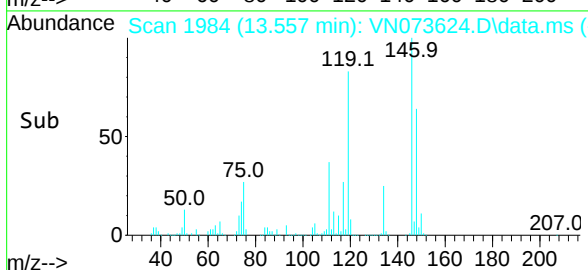
Reviewed By :John Carlone 07/29/2022
 Supervised By :Mahesh Dadoda 07/29/2022

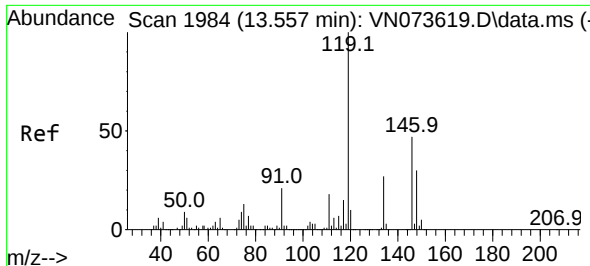


#86
 p-Isopropyltoluene
 Concen: 87.577 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN073624.D
 Acq: 28 Jul 2022 15:00



Tgt Ion:119 Resp: 1631073
 Ion Ratio Lower Upper
 119 100
 134 27.4 13.3 39.8
 91 22.0 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 75.388 ug/l

RT: 13.551 min Scan# 1984

Delta R.T. -0.006 min

Lab File: VN073624.D

Acq: 28 Jul 2022 15:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion:146 Resp: 833692

Ion Ratio Lower Upper

146 100

111 38.1 20.0 60.0

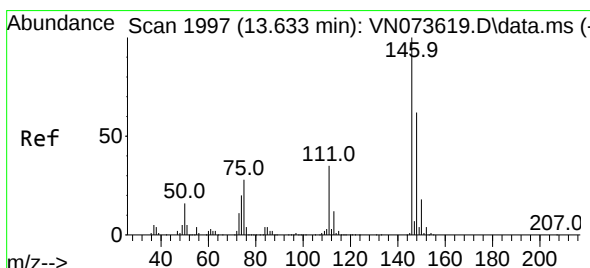
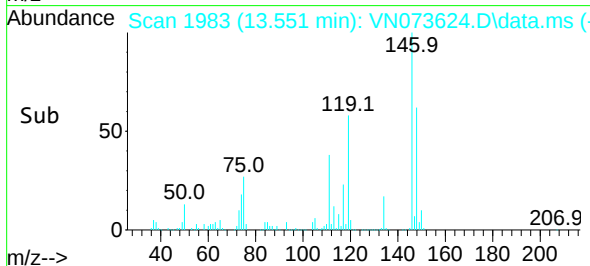
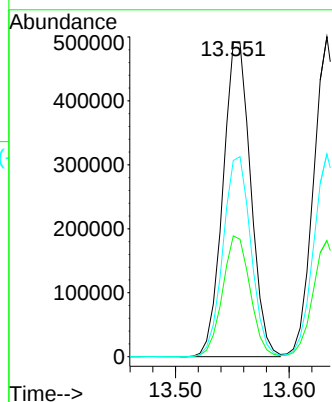
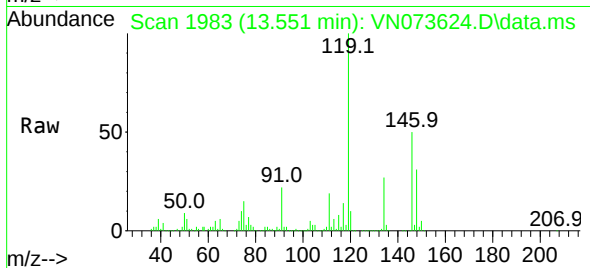
148 63.8 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/29/2022

Supervised By :Mahesh Dadoda 07/29/2022



#88

1,4-Dichlorobenzene

Concen: 72.874 ug/l

RT: 13.633 min Scan# 1997

Delta R.T. 0.000 min

Lab File: VN073624.D

Acq: 28 Jul 2022 15:00

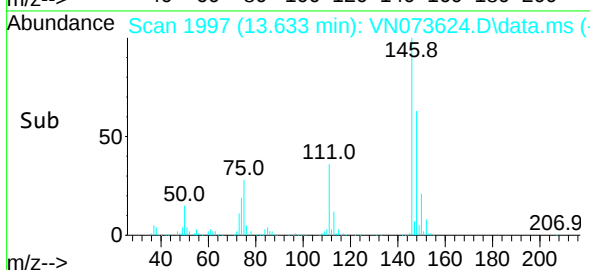
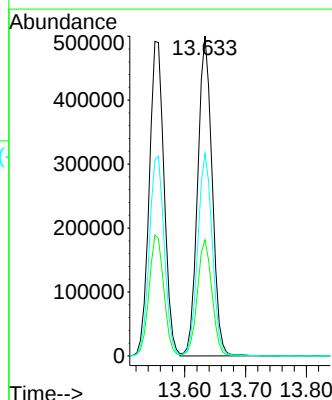
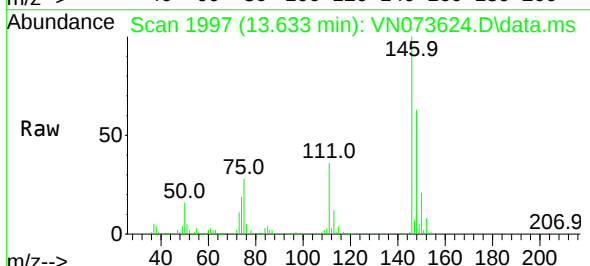
Tgt Ion:146 Resp: 822236

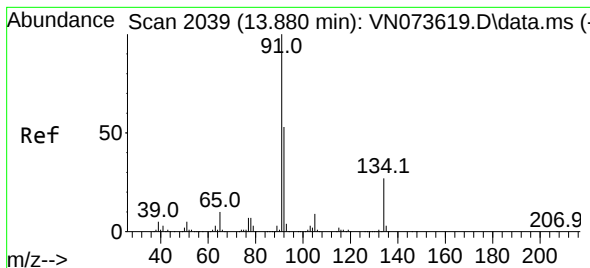
Ion Ratio Lower Upper

146 100

111 36.1 19.1 57.1

148 63.9 31.4 94.3





#89

n-Butylbenzene

Concen: 88.878 ug/l

RT: 13.880 min Scan# 2039

Delta R.T. 0.000 min

Lab File: VN073624.D

Acq: 28 Jul 2022 15:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075

Tgt Ion: 91 Resp: 1357674

Ion Ratio Lower Upper

91 100

92 53.2 26.9 80.7

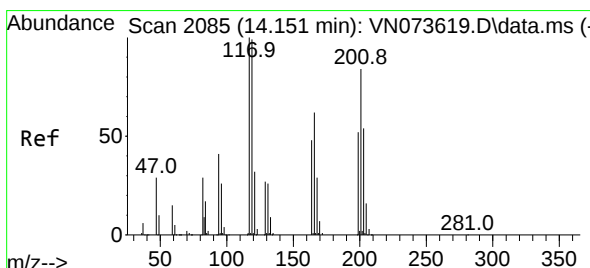
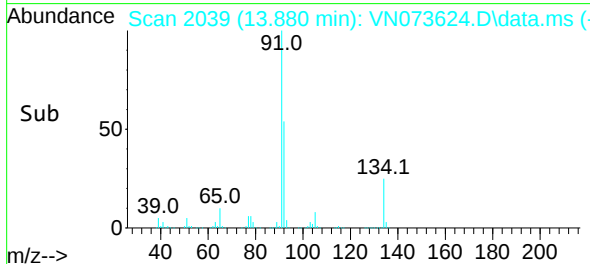
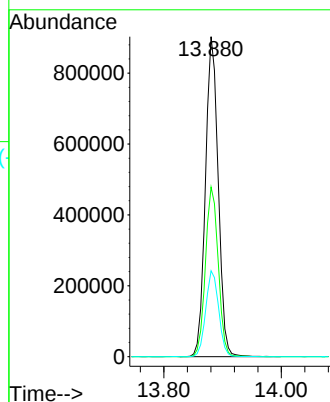
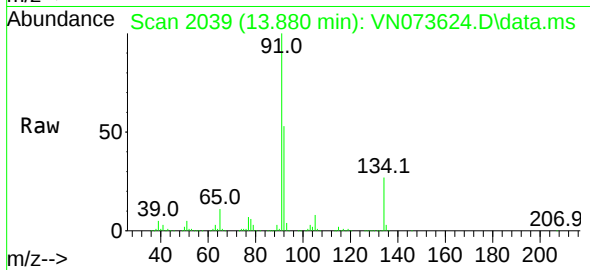
134 27.2 13.6 40.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/29/2022

Supervised By :Mahesh Dadoda 07/29/2022



#90

Hexachloroethane

Concen: 73.411 ug/l

RT: 14.151 min Scan# 2085

Delta R.T. 0.000 min

Lab File: VN073624.D

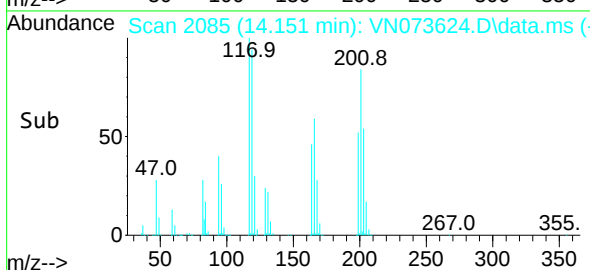
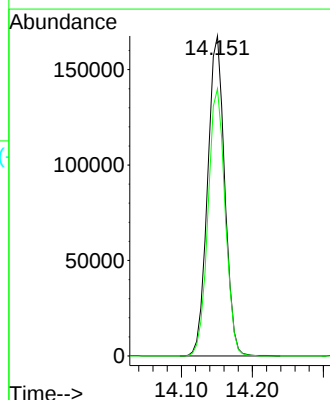
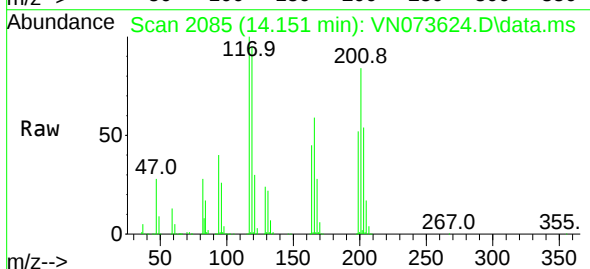
Acq: 28 Jul 2022 15:00

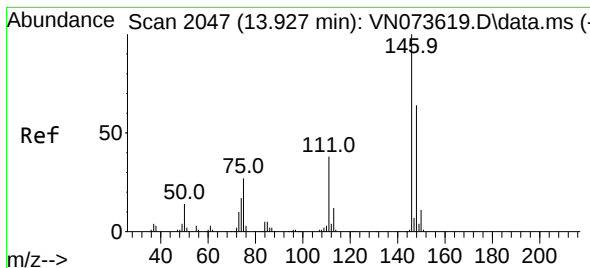
Tgt Ion:117 Resp: 280494

Ion Ratio Lower Upper

117 100

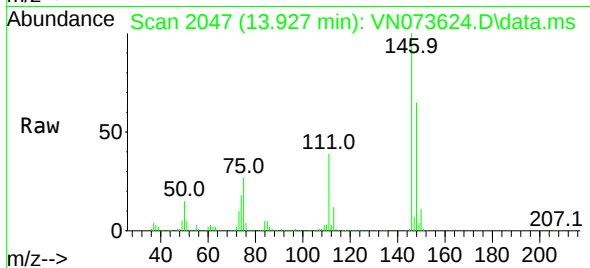
201 83.7 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 71.425 ug/l
RT: 13.927 min Scan# 2047
Delta R.T. 0.000 min
Lab File: VN073624.D
Acq: 28 Jul 2022 15:00

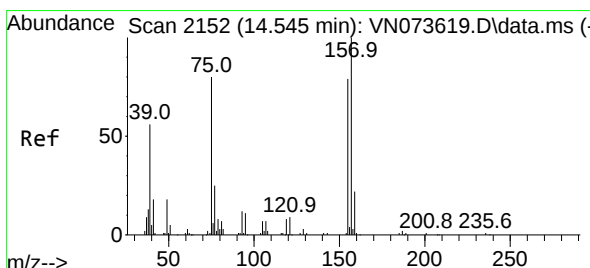
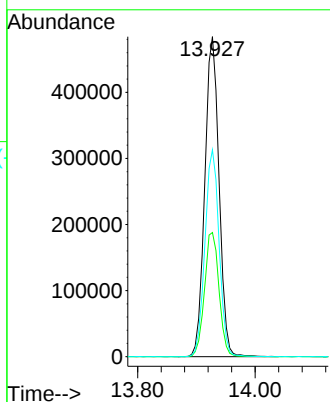
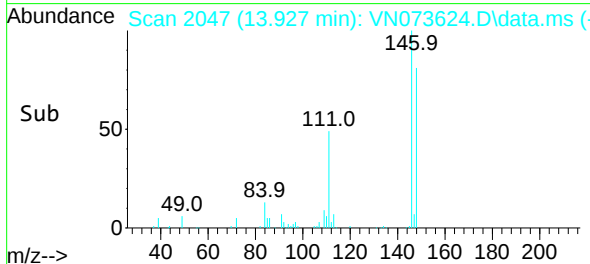
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



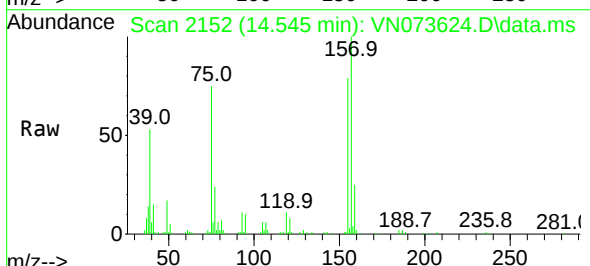
Tgt Ion:146 Resp: 814100
Ion Ratio Lower Upper
146 100
111 39.6 20.9 62.8
148 64.5 32.1 96.3

Manual Integrations
APPROVED

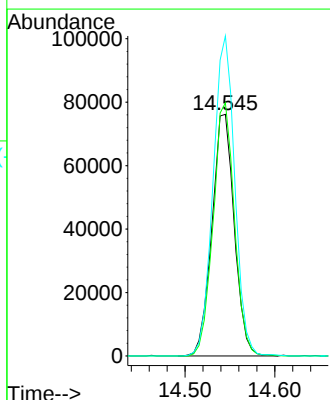
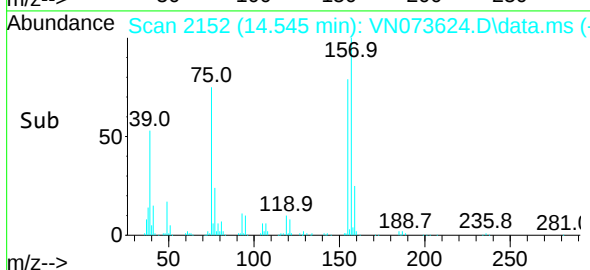
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

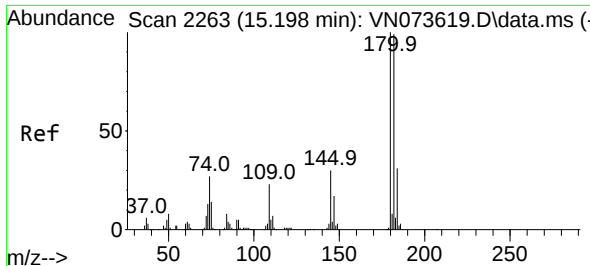


#92
1,2-Dibromo-3-Chloropropane
Concen: 72.921 ug/l
RT: 14.545 min Scan# 2152
Delta R.T. 0.000 min
Lab File: VN073624.D
Acq: 28 Jul 2022 15:00



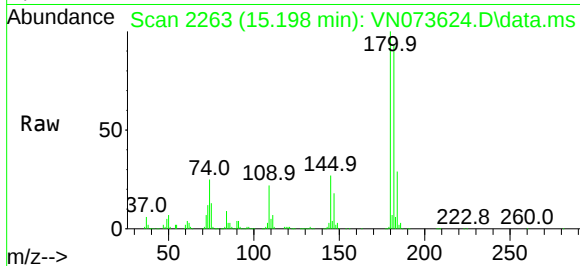
Tgt Ion: 75 Resp: 131762
Ion Ratio Lower Upper
75 100
155 100.1 44.9 134.5
157 128.3 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 90.536 ug/l
RT: 15.198 min Scan# 2110
Delta R.T. 0.000 min
Lab File: VN073624.D
Acq: 28 Jul 2022 15:00

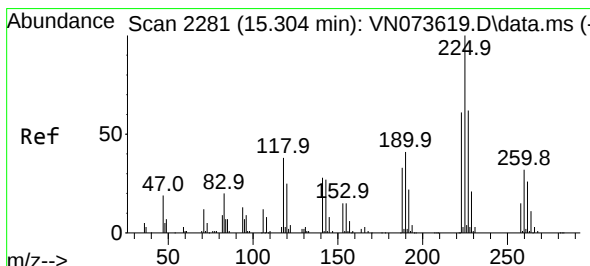
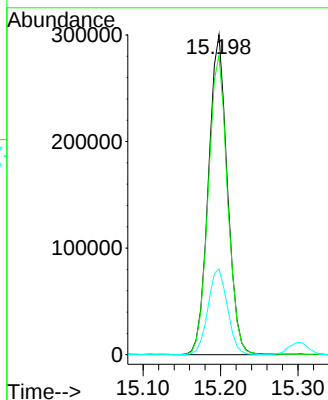
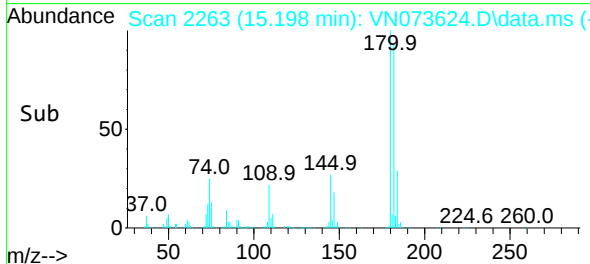
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



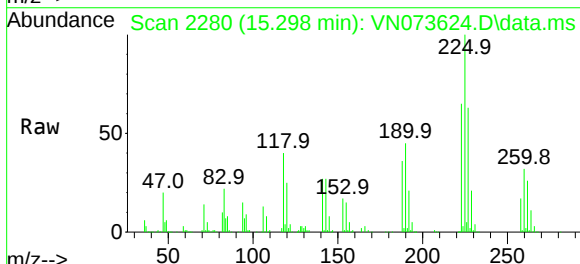
Tgt Ion:180 Resp: 510108
Ion Ratio Lower Upper
180 100
182 95.2 47.5 142.5
145 27.6 14.5 43.5

Manual Integrations
APPROVED

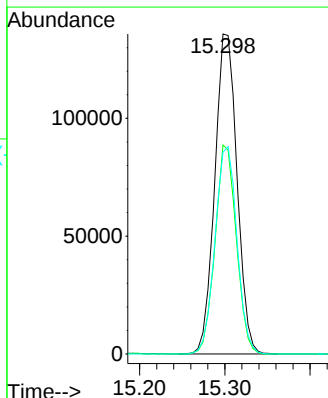
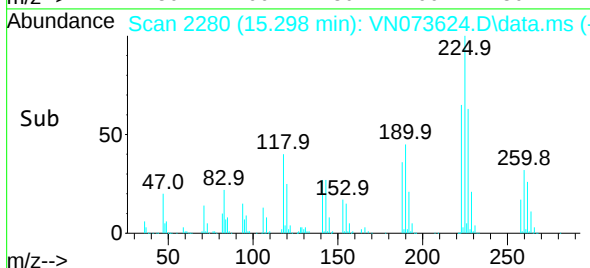
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

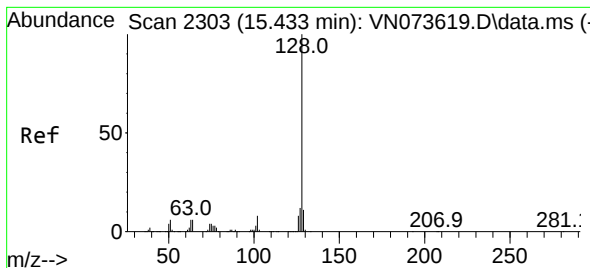


#94
Hexachlorobutadiene
Concen: 80.267 ug/l
RT: 15.298 min Scan# 2280
Delta R.T. -0.006 min
Lab File: VN073624.D
Acq: 28 Jul 2022 15:00



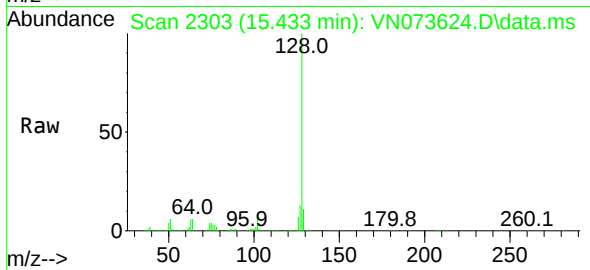
Tgt Ion:225 Resp: 246331
Ion Ratio Lower Upper
225 100
223 62.3 32.4 97.2
227 64.1 31.8 95.4





#95
Naphthalene
Concen: 88.525 ug/l
RT: 15.433 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VN073624.D
Acq: 28 Jul 2022 15:00

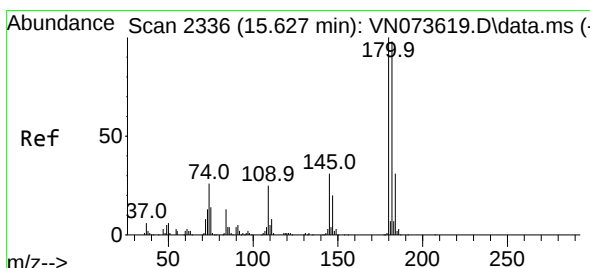
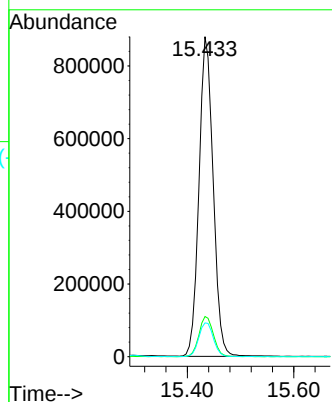
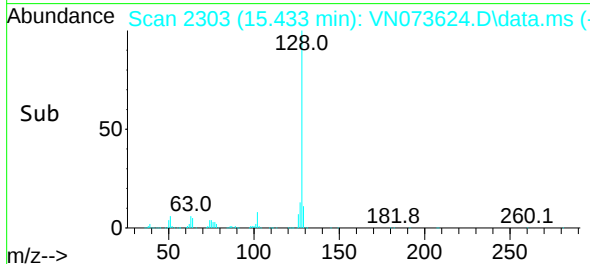
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



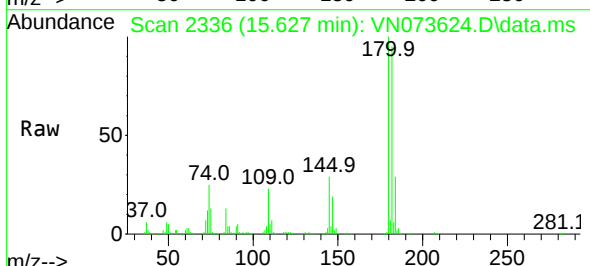
Tgt Ion:128 Resp: 1622130
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.6 13.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 85.235 ug/l
RT: 15.627 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VN073624.D
Acq: 28 Jul 2022 15:00



Tgt Ion:180 Resp: 502522
Ion Ratio Lower Upper
180 100
182 96.0 47.8 143.3
145 29.9 15.5 46.5

