

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072822\
 Data File : VN073618.D
 Acq On : 28 Jul 2022 11:44
 Operator : JC\MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Quant Time: Jul 29 01:31:18 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	359364	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	595213	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	553957	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	263187	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	96987	22.146	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	44.300%#		
35) Dibromofluoromethane	7.951	113	81876	21.906	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	43.820%#		
50) Toluene-d8	10.380	98	327546	22.270	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	44.540%#		
62) 4-Bromofluorobenzene	12.668	95	103896	22.845	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	45.680%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	77291	22.529	ug/l	100
3) Chloromethane	2.269	50	112776	22.478	ug/l	99
4) Vinyl Chloride	2.404	62	139229	23.008	ug/l	98
5) Bromomethane	2.781	94	72606	20.536	ug/l	99
6) Chloroethane	2.946	64	101183	23.849	ug/l	95
7) Trichlorofluoromethane	3.304	101	153017	24.461	ug/l	100
8) Diethyl Ether	3.763	74	57131	24.904	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.140	101	82194	23.057	ug/l	98
10) Methyl Iodide	4.345	142	87393	24.731	ug/l	96
11) Tert butyl alcohol	5.292	59	120947	128.056	ug/l	98
12) 1,1-Dichloroethene	4.110	96	79196	23.684	ug/l	100
13) Acrolein	3.981	56	120641	128.841	ug/l	97
14) Allyl chloride	4.763	41	128586	23.237	ug/l	99
15) Acrylonitrile	5.475	53	329654	127.513	ug/l	100
16) Acetone	4.222	43	271217	115.625	ug/l	95
17) Carbon Disulfide	4.451	76	209702	22.862	ug/l	99
18) Methyl Acetate	4.775	43	143124	24.535	ug/l	99
19) Methyl tert-butyl Ether	5.528	73	292092	25.512	ug/l	99
20) Methylene Chloride	5.010	84	103091	22.096	ug/l	95
21) trans-1,2-Dichloroethene	5.510	96	90480	24.440	ug/l	98
22) Diisopropyl ether	6.410	45	293959	25.621	ug/l	99
23) Vinyl Acetate	6.351	43	1255789	129.028	ug/l	99
24) 1,1-Dichloroethane	6.304	63	173466	24.460	ug/l	99
25) 2-Butanone	7.257	43	458284	124.739	ug/l	98
26) 2,2-Dichloropropane	7.251	77	135250	23.653	ug/l	100
27) cis-1,2-Dichloroethene	7.245	96	108435	23.956	ug/l	99
28) Bromochloromethane	7.580	49	71668	23.971	ug/l	94
29) Tetrahydrofuran	7.610	42	296508	127.698	ug/l	99
30) Chloroform	7.745	83	181873	24.227	ug/l	98
31) Cyclohexane	8.022	56	154082	23.632	ug/l	97
32) 1,1,1-Trichloroethane	7.939	97	152695	24.507	ug/l	98
36) 1,1-Dichloropropene	8.151	75	129572	24.312	ug/l	99
37) Ethyl Acetate	7.339	43	176236	26.212	ug/l	98
38) Carbon Tetrachloride	8.133	117	128163	23.996	ug/l	97
39) Methylcyclohexane	9.398	83	154801	24.670	ug/l	99
40) Benzene	8.392	78	420046	24.484	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	80163	25.394	ug/l	94
42) 1,2-Dichloroethane	8.463	62	139873	23.860	ug/l	100
43) Isopropyl Acetate	8.498	43	235570	25.014	ug/l	99
44) Trichloroethene	9.151	130	101829	23.549	ug/l	92
45) 1,2-Dichloropropane	9.427	63	104188	24.272	ug/l	100
46) Dibromomethane	9.516	93	72460	24.222	ug/l	98
47) Bromodichloromethane	9.704	83	138871	24.365	ug/l	94
48) Methyl methacrylate	9.498	41	104133	25.609	ug/l	90
49) 1,4-Dioxane	9.504	88	59549	530.379	ug/l	95
51) 4-Methyl-2-Pentanone	10.269	43	882063	132.036	ug/l	99
52) Toluene	10.445	92	263164	25.243	ug/l	97
53) t-1,3-Dichloropropene	10.663	75	142263	25.113	ug/l	100
54) cis-1,3-Dichloropropene	10.127	75	159000	25.032	ug/l	100
55) 1,1,2-Trichloroethane	10.839	97	108878	24.488	ug/l	97
56) Ethyl methacrylate	10.704	69	161114	26.685	ug/l	97
57) 1,3-Dichloropropane	10.986	76	186058	25.116	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	426477	154.556	ug/l	97
59) 2-Hexanone	11.027	43	686700	134.730	ug/l	98
60) Dibromochloromethane	11.180	129	107758	24.350	ug/l	100
61) 1,2-Dibromoethane	11.286	107	111977	24.855	ug/l	98
64) Tetrachloroethene	10.916	164	101961	23.249	ug/l	97
65) Chlorobenzene	11.710	112	284386	24.121	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.786	131	105264	25.234	ug/l	97
67) Ethyl Benzene	11.786	91	495452	25.251	ug/l	99
68) m/p-Xylenes	11.892	106	386697	51.384	ug/l	98
69) o-Xylene	12.221	106	191339	26.200	ug/l	99
70) Styrene	12.233	104	311395	26.652	ug/l	98
71) Bromoform	12.398	173	86116	25.426	ug/l #	100
73) Isopropylbenzene	12.521	105	484169	25.034	ug/l	99
74) N-amyl acetate	12.333	43	181355	24.998	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.768	83	174322	23.390	ug/l	100
76) 1,2,3-Trichloropropane	12.821	75	136784m	21.934	ug/l	
77) Bromobenzene	12.804	156	122157	24.447	ug/l	99
78) n-propylbenzene	12.863	91	557056	25.962	ug/l	99
79) 2-Chlorotoluene	12.951	91	336191	25.079	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	407816	25.900	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.568	75	50015	24.627	ug/l	97
82) 4-Chlorotoluene	13.045	91	327418	25.505	ug/l	100
83) tert-Butylbenzene	13.262	119	361605	26.017	ug/l	99
84) 1,2,4-Trimethylbenzene	13.310	105	409080	26.485	ug/l	100
85) sec-Butylbenzene	13.439	105	501205	26.167	ug/l	100
86) p-Isopropyltoluene	13.557	119	414637	27.391	ug/l	99
87) 1,3-Dichlorobenzene	13.557	146	217724	24.222	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	215532	23.502	ug/l	99
89) n-Butylbenzene	13.886	91	309750	24.947	ug/l	98
90) Hexachloroethane	14.151	117	73801	23.764	ug/l	99
91) 1,2-Dichlorobenzene	13.927	146	226943	24.496	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.545	75	36544	24.883	ug/l	98
93) 1,2,4-Trichlorobenzene	15.198	180	110613	24.153	ug/l	100
94) Hexachlorobutadiene	15.304	225	58973	23.642	ug/l	98
95) Naphthalene	15.439	128	389269	26.136	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	118445	24.717	ug/l	98

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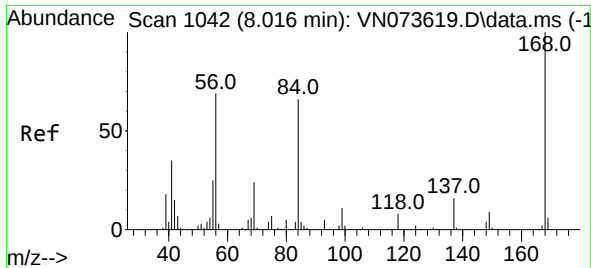
Manual Integrations
APPROVED

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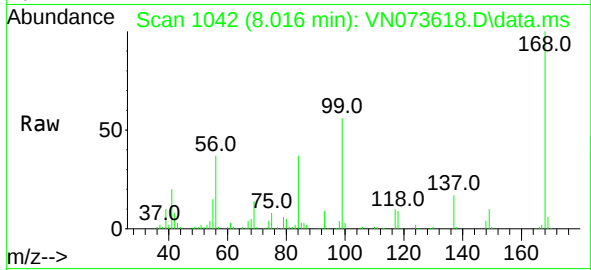
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
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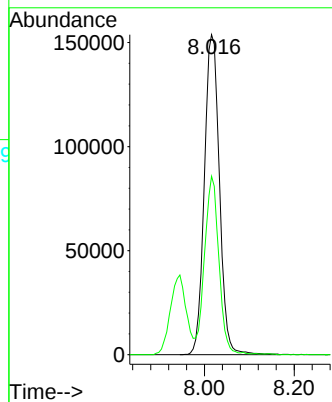
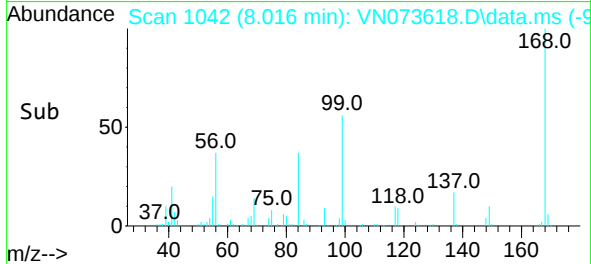
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:168 Resp: 359364
Ion Ratio Lower Upper
168 100
99 55.8 42.3 63.5

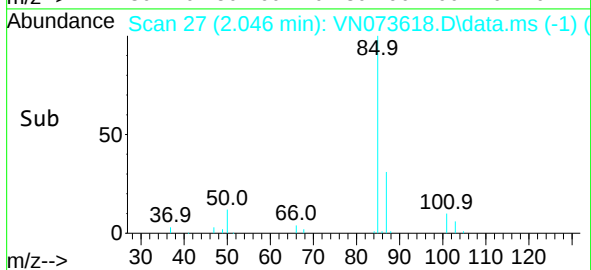
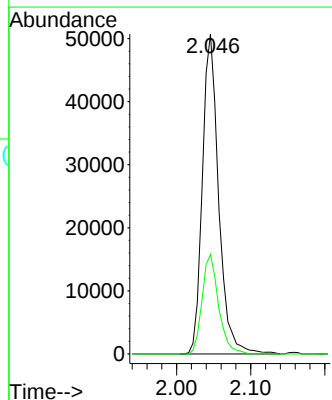
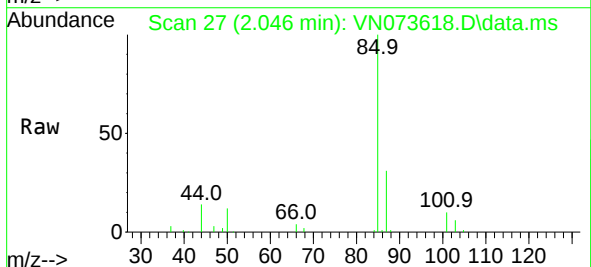
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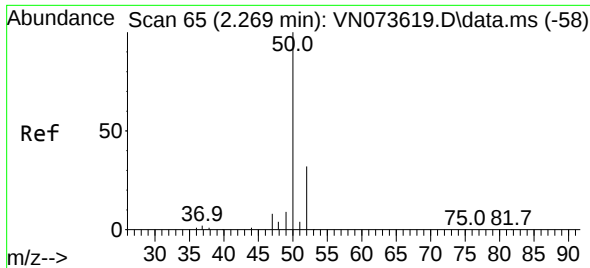
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#2
Dichlorodifluoromethane
Concen: 22.529 ug/l
RT: 2.046 min Scan# 27
Delta R.T. -0.000 min
Lab File: VN073618.D
Acq: 28 Jul 2022 11:44

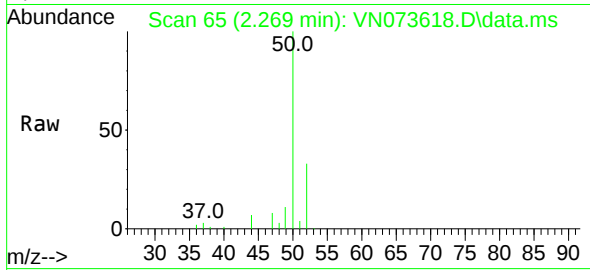
Tgt Ion: 85 Resp: 77291
Ion Ratio Lower Upper
85 100
87 31.2 15.7 47.1





#3
Chloromethane
Concen: 22.478 ug/l
RT: 2.269 min Scan# 65
Delta R.T. -0.000 min
Lab File: VN073618.D
Acq: 28 Jul 2022 11:44

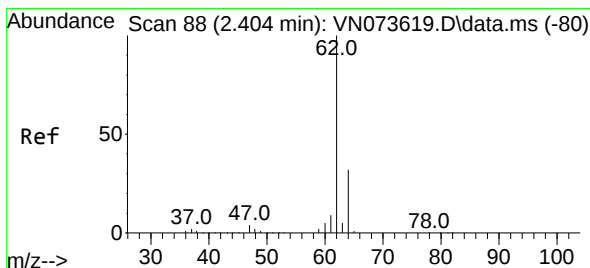
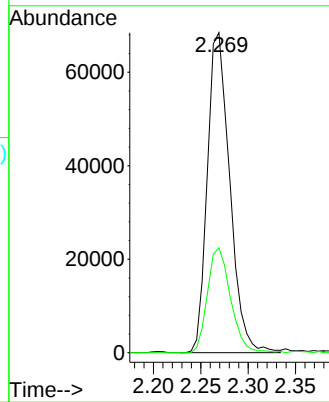
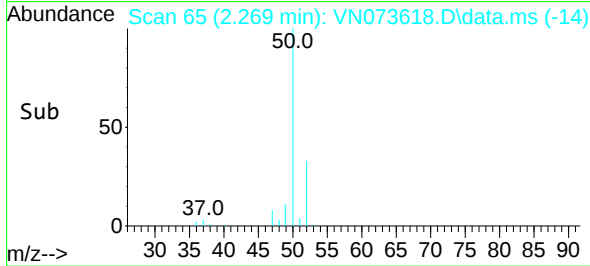
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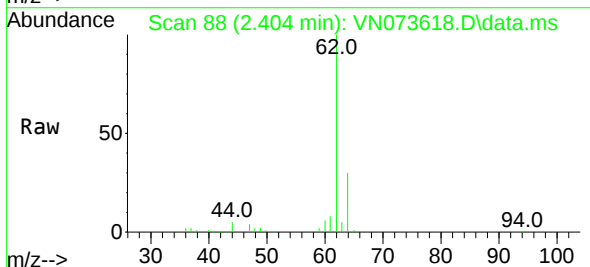
Tgt Ion: 50 Resp: 112770
Ion Ratio Lower Upper
50 100
52 32.8 25.7 38.5

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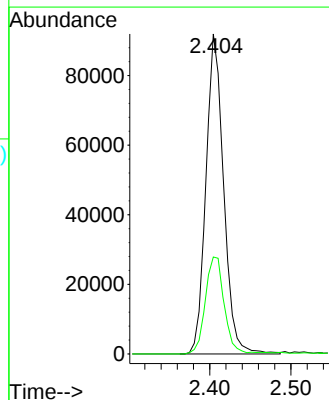
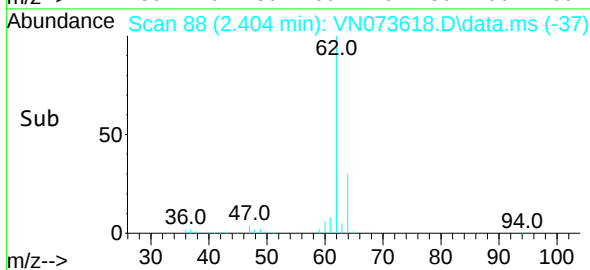
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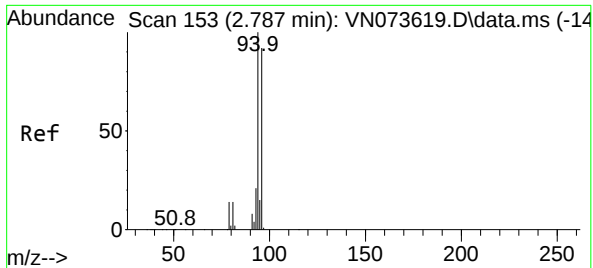


#4
Vinyl Chloride
Concen: 23.008 ug/l
RT: 2.404 min Scan# 88
Delta R.T. -0.000 min
Lab File: VN073618.D
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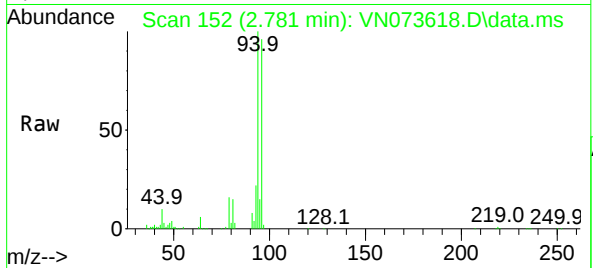
Tgt Ion: 62 Resp: 139229
Ion Ratio Lower Upper
62 100
64 30.3 25.0 37.4





#5
Bromomethane
Concen: 20.536 ug/l
RT: 2.781 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN073618.D
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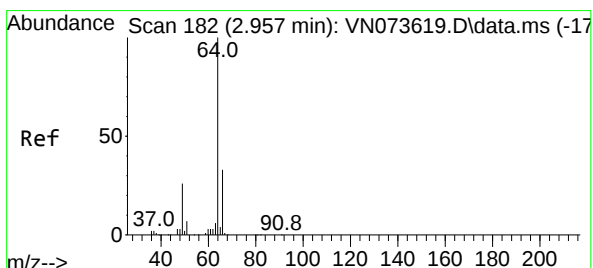
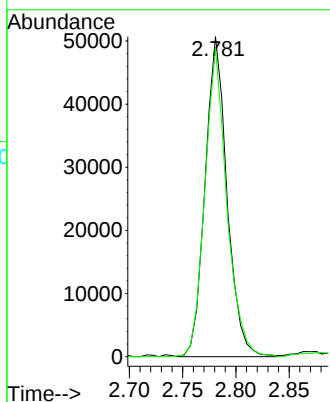
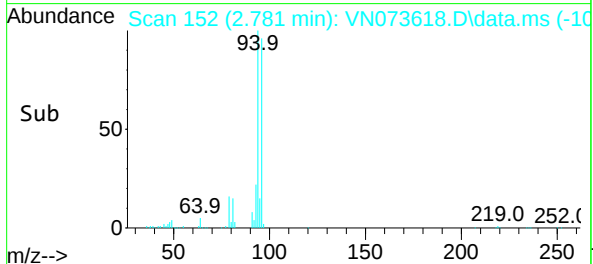
Instrument :
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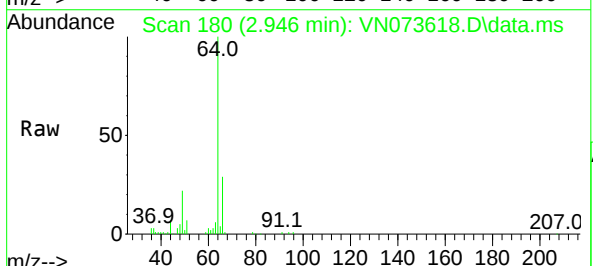
Tgt Ion: 94 Resp: 72600
Ion Ratio Lower Upper
94 100
96 96.4 76.0 114.0

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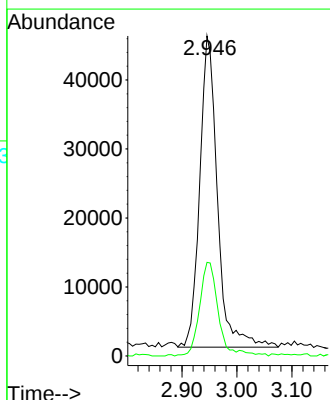
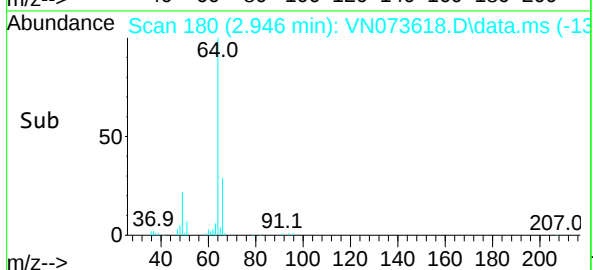
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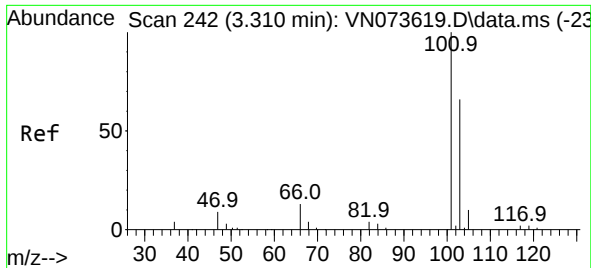


#6
Chloroethane
Concen: 23.849 ug/l
RT: 2.946 min Scan# 180
Delta R.T. -0.012 min
Lab File: VN073618.D
Acq: 28 Jul 2022 11:44



Tgt Ion: 64 Resp: 101183
Ion Ratio Lower Upper
64 100
66 29.7 26.2 39.4





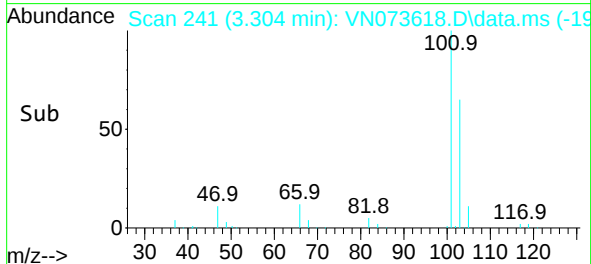
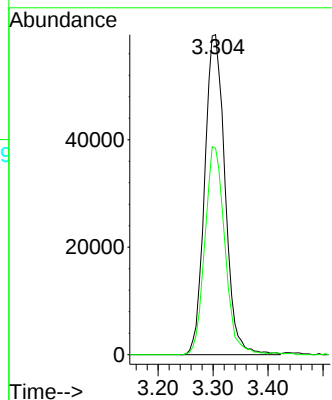
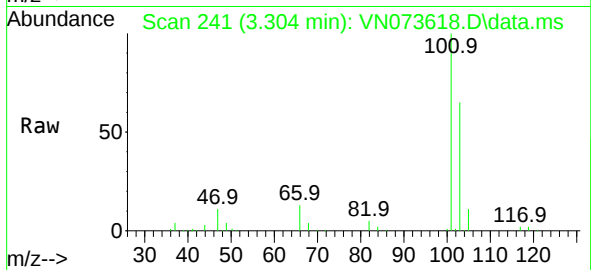
#7
Trichlorofluoromethane
Concen: 24.461 ug/l
RT: 3.304 min Scan# 242
Delta R.T. -0.006 min
Lab File: VN073618.D
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Instrument :
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Tgt Ion:101 Resp: 15301
Ion Ratio Lower Upper
101 100
103 64.5 51.5 77.3

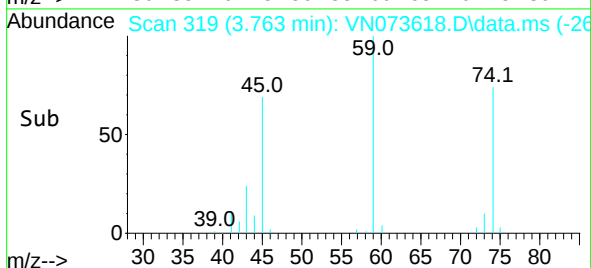
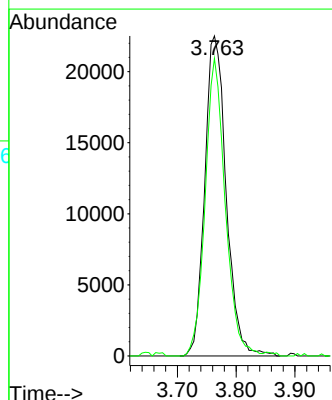
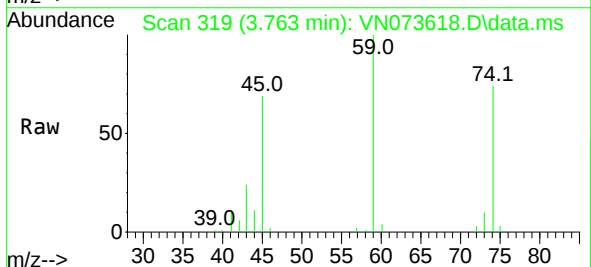
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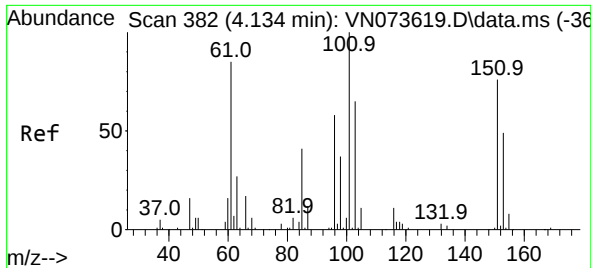
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#8
Diethyl Ether
Concen: 24.904 ug/l
RT: 3.763 min Scan# 319
Delta R.T. -0.000 min
Lab File: VN073618.D
Acq: 28 Jul 2022 11:44

Tgt Ion: 74 Resp: 57131
Ion Ratio Lower Upper
74 100
45 87.1 42.9 128.5





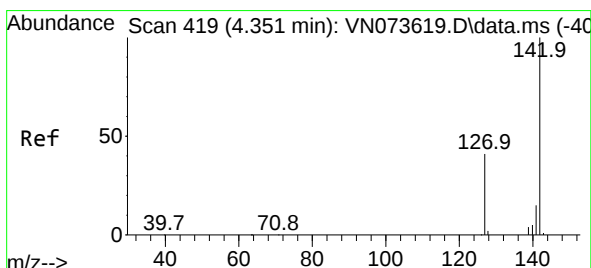
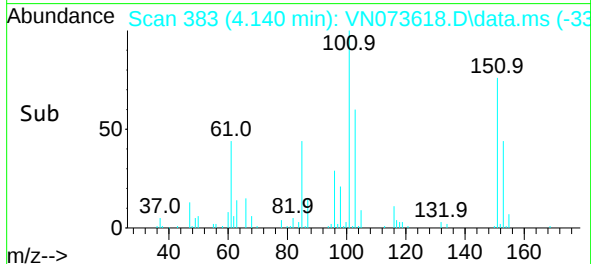
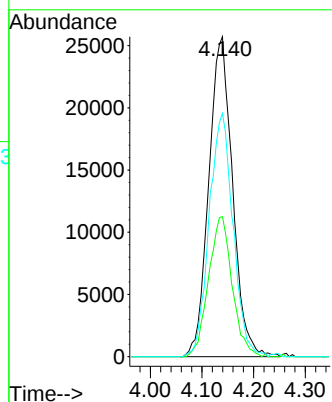
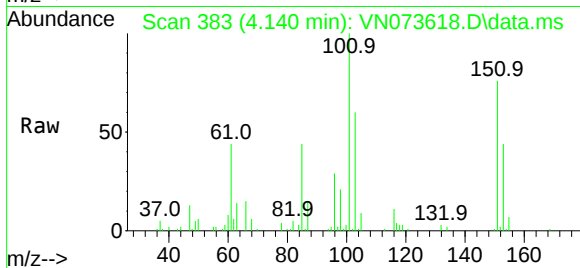
#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.057 ug/l
RT: 4.140 min Scan# 382
Delta R.T. 0.006 min
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Tgt Ion:101 Resp: 82194
Ion Ratio Lower Upper
101 100
85 43.5 34.7 52.1
151 76.4 63.0 94.4

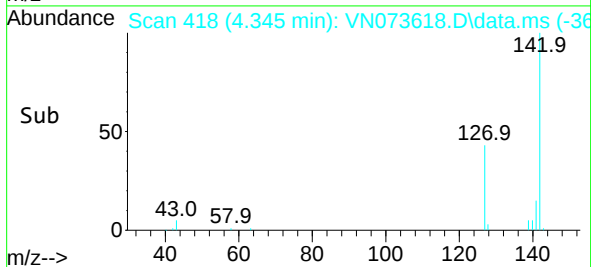
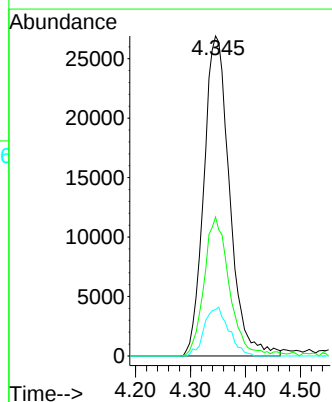
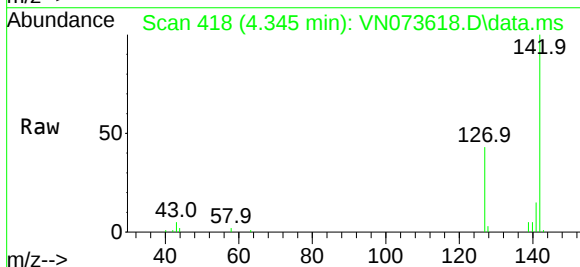
Manual Integrations
APPROVED

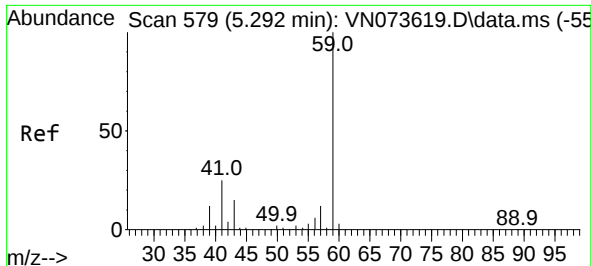
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#10
Methyl Iodide
Concen: 24.731 ug/l
RT: 4.345 min Scan# 418
Delta R.T. -0.006 min
Lab File: VN073618.D
Acq: 28 Jul 2022 11:44

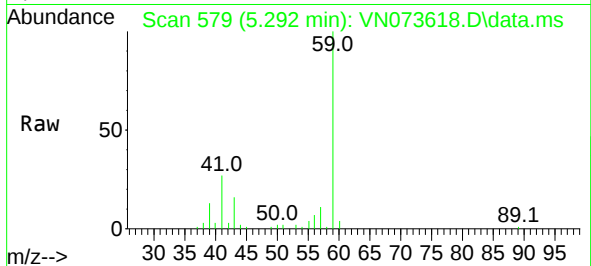
Tgt Ion:142 Resp: 87393
Ion Ratio Lower Upper
142 100
127 42.4 31.3 46.9
141 14.5 11.2 16.8





#11
Tert butyl alcohol
Concen: 128.056 ug/l
RT: 5.292 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN073618.D
Acq: 28 Jul 2022 11:44

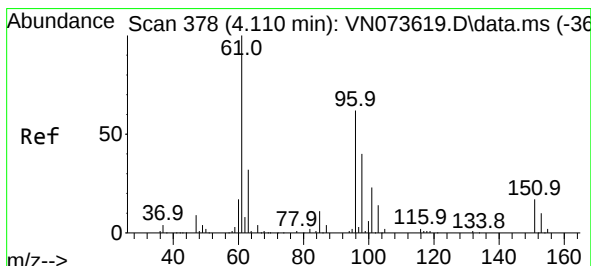
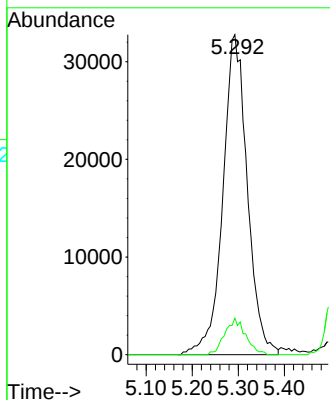
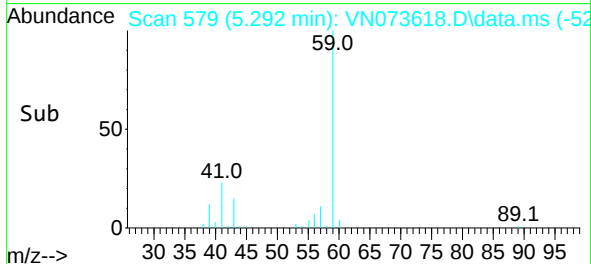
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



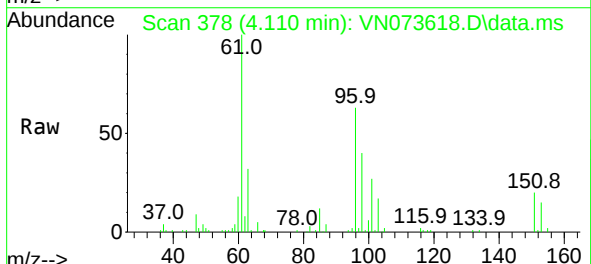
Tgt Ion: 59 Resp: 12094
Ion Ratio Lower Upper
59 100
57 9.7 8.3 12.5

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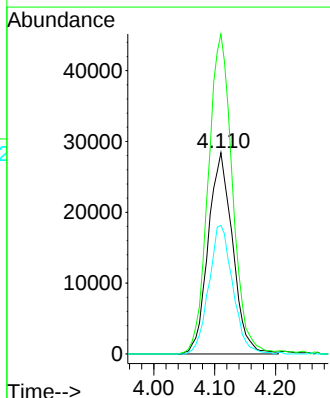
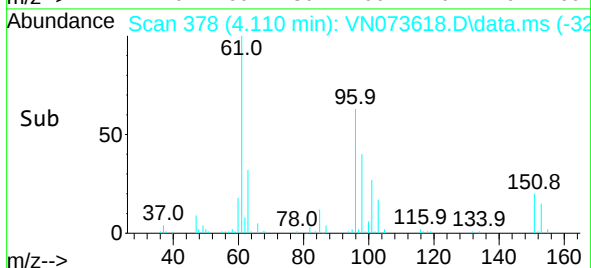
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#12
1,1-Dichloroethene
Concen: 23.684 ug/l
RT: 4.110 min Scan# 378
Delta R.T. -0.000 min
Lab File: VN073618.D
Acq: 28 Jul 2022 11:44



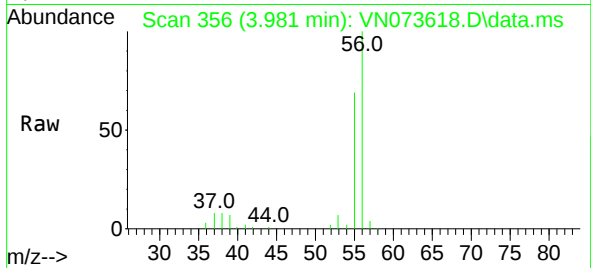
Tgt Ion: 96 Resp: 79196
Ion Ratio Lower Upper
96 100
61 159.0 127.6 191.4
98 63.9 51.2 76.8





#13
Acrolein
Concen: 128.841 ug/l
RT: 3.981 min Scan# 356
Delta R.T. -0.000 min
Lab File: VN073618.D
Acq: 28 Jul 2022 11:44

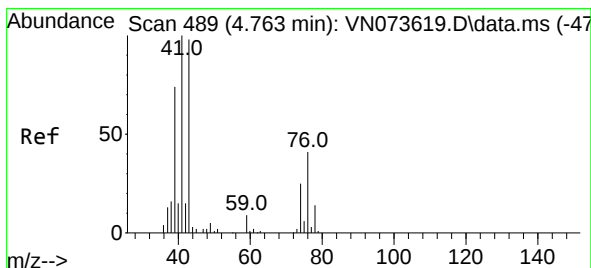
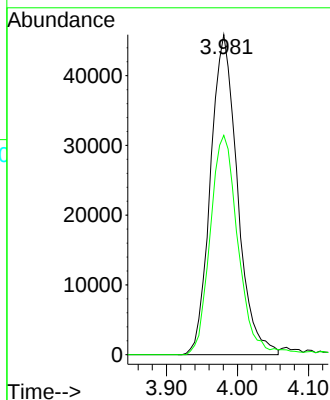
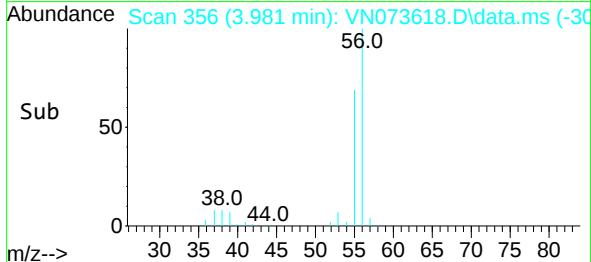
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 56 Resp: 12064
Ion Ratio Lower Upper
56 100
55 71.1 54.8 82.2

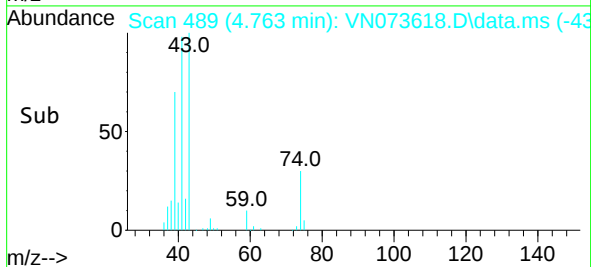
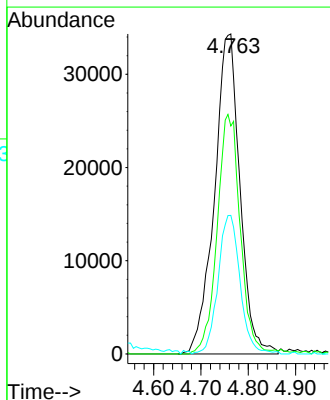
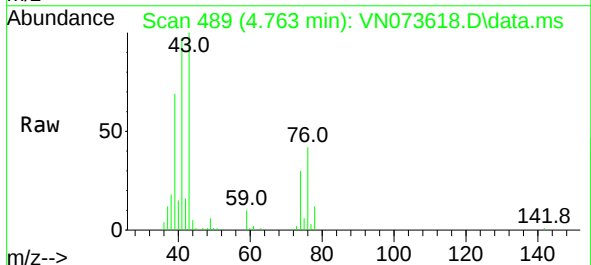
Manual Integrations
APPROVED

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



#14
Allyl chloride
Concen: 23.237 ug/l
RT: 4.763 min Scan# 489
Delta R.T. -0.000 min
Lab File: VN073618.D
Acq: 28 Jul 2022 11:44

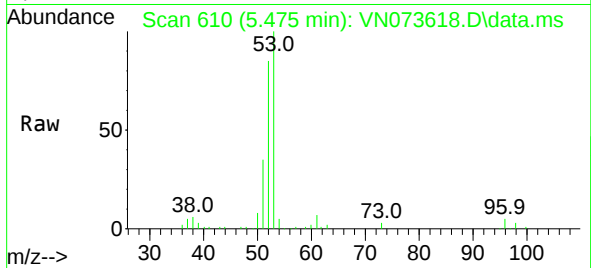
Tgt Ion: 41 Resp: 128586
Ion Ratio Lower Upper
41 100
39 67.4 53.2 79.8
76 37.3 29.9 44.9





#15
Acrylonitrile
Concen: 127.513 ug/l
RT: 5.475 min Scan# 610
Delta R.T. -0.000 min
Lab File: VN073618.D
Acq: 28 Jul 2022 11:44

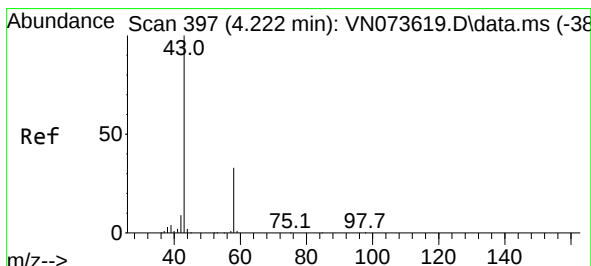
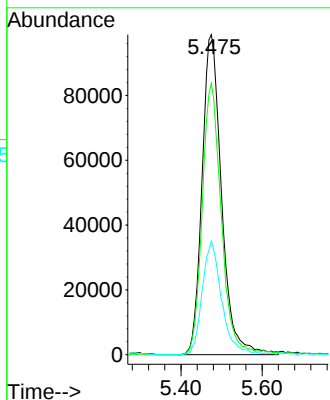
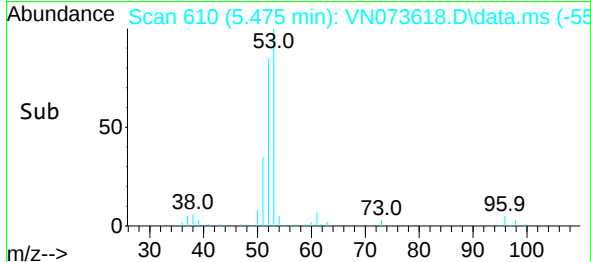
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



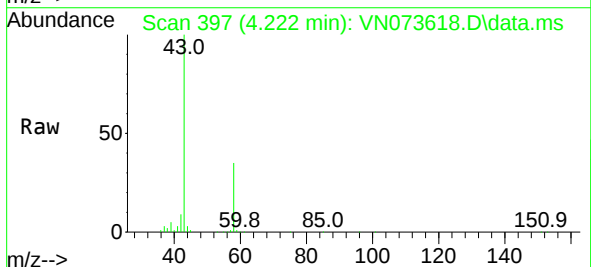
Tgt Ion: 53 Resp: 329654
Ion Ratio Lower Upper
53 100
52 83.3 66.4 99.6
51 35.2 28.5 42.7

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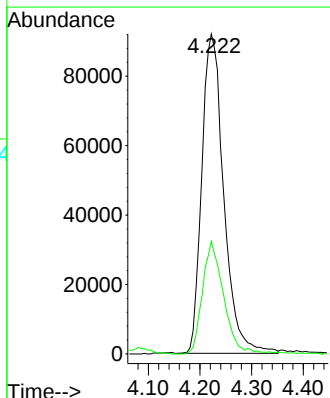
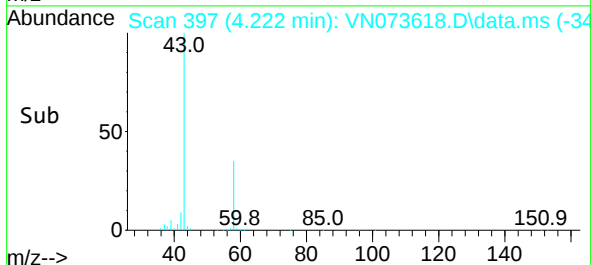
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

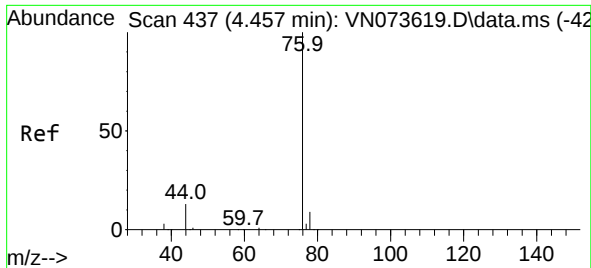


#16
Acetone
Concen: 115.625 ug/l
RT: 4.222 min Scan# 397
Delta R.T. -0.000 min
Lab File: VN073618.D
Acq: 28 Jul 2022 11:44



Tgt Ion: 43 Resp: 271217
Ion Ratio Lower Upper
43 100
58 35.2 26.0 39.0





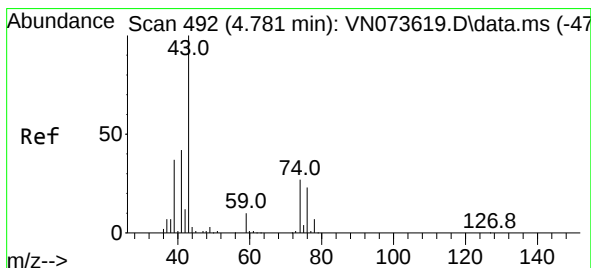
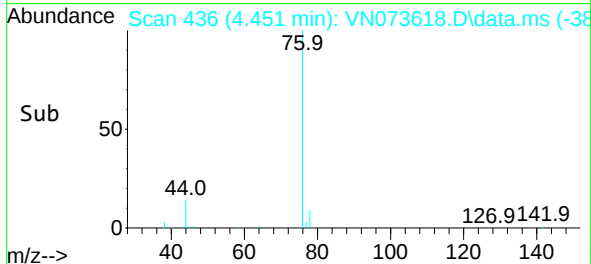
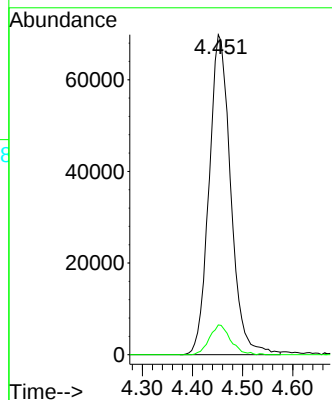
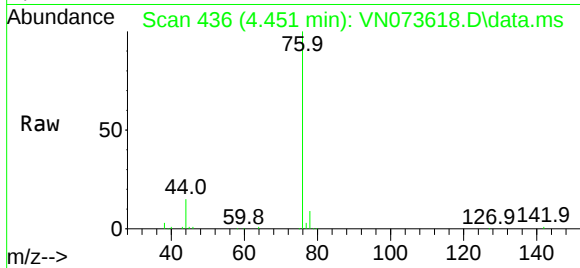
#17
Carbon Disulfide
Concen: 22.862 ug/l
RT: 4.451 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN073618.D
Acq: 28 Jul 2022 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 76 Resp: 20970
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8

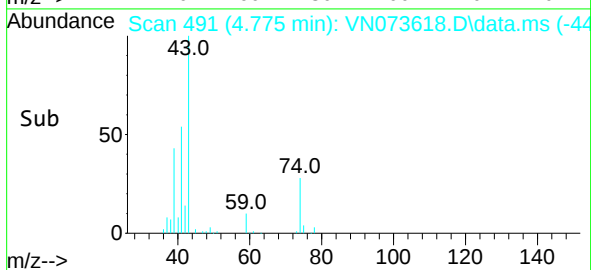
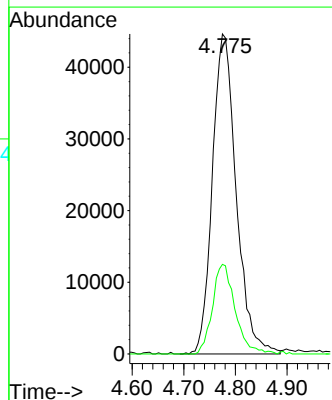
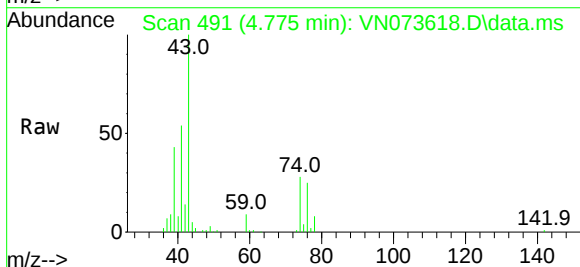
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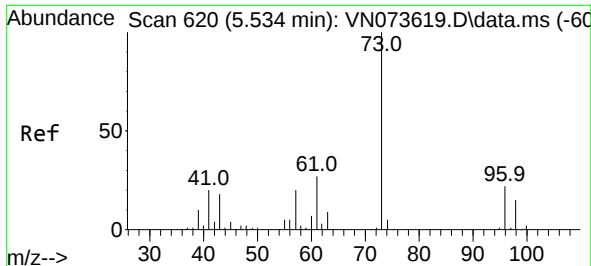
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#18
Methyl Acetate
Concen: 24.535 ug/l
RT: 4.775 min Scan# 491
Delta R.T. -0.006 min
Lab File: VN073618.D
Acq: 28 Jul 2022 11:44

Tgt Ion: 43 Resp: 143124
Ion Ratio Lower Upper
43 100
74 26.6 21.6 32.4





#19

Methyl tert-butyl Ether

Concen: 25.512 ug/l

RT: 5.528 min Scan# 619

Delta R.T. -0.006 min

Lab File: VN073618.D

Acq: 28 Jul 2022 11:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 73 Resp: 292092

Ion Ratio Lower Upper

73 100

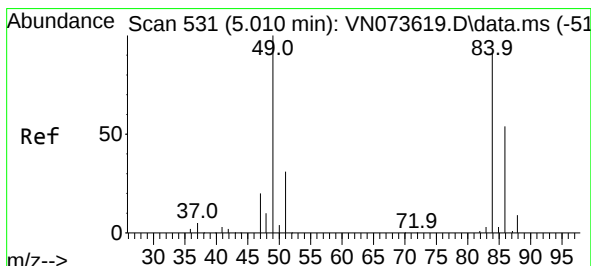
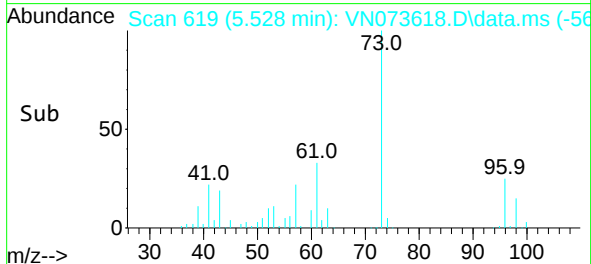
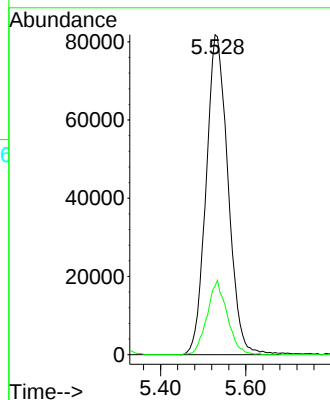
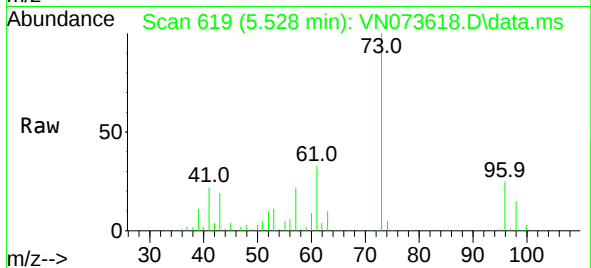
57 21.6 17.6 26.4

Manual Integrations

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Reviewed By :John Carlone 07/29/2022

Supervised By :Mahesh Dadoda 07/29/2022



#20

Methylene Chloride

Concen: 22.096 ug/l

RT: 5.010 min Scan# 531

Delta R.T. -0.000 min

Lab File: VN073618.D

Acq: 28 Jul 2022 11:44

Tgt Ion: 84 Resp: 103091

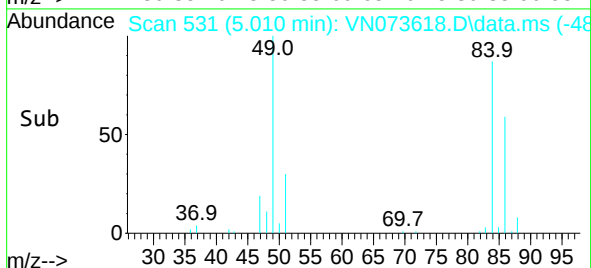
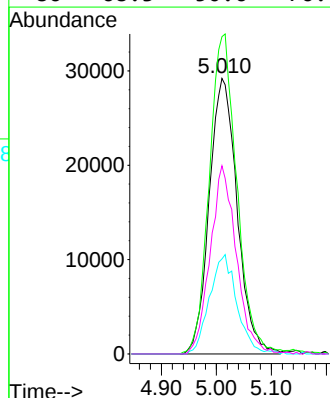
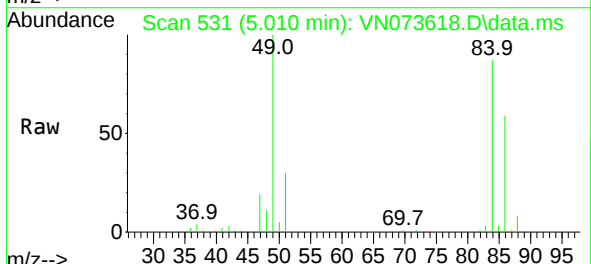
Ion Ratio Lower Upper

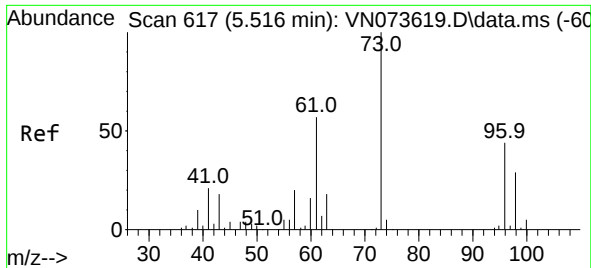
84 100

49 115.1 88.3 132.5

51 34.5 28.2 42.2

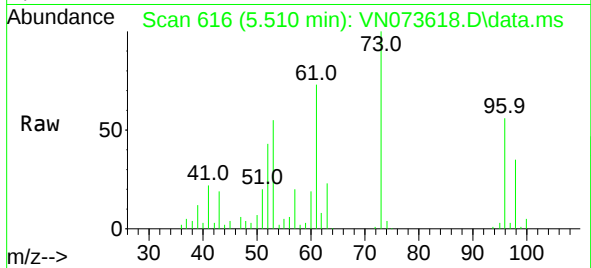
86 68.3 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 24.440 ug/l
RT: 5.510 min Scan# 617
Delta R.T. -0.006 min
Lab File: VN073618.D
Acq: 28 Jul 2022 11:44

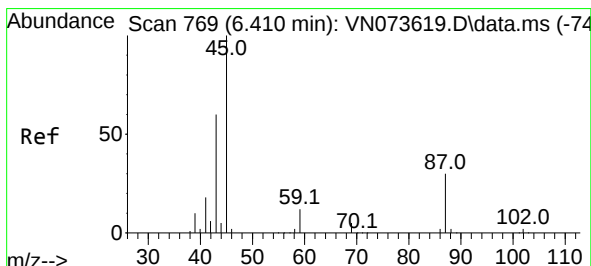
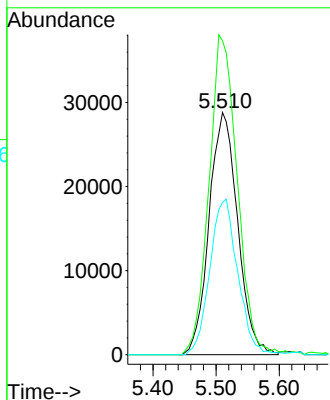
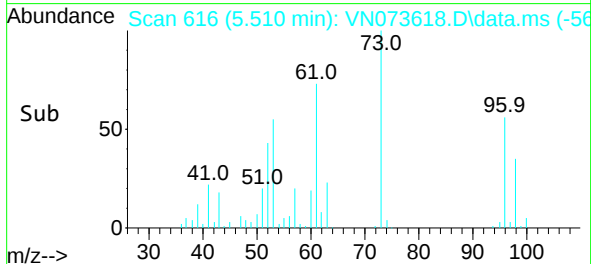
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



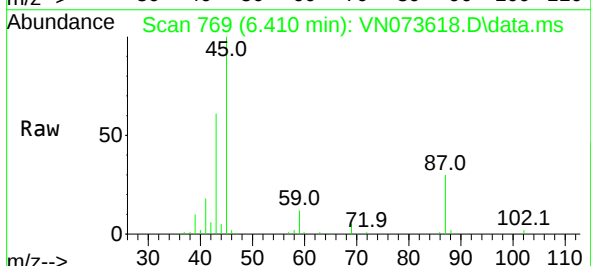
Tgt Ion: 96 Resp: 90480
Ion Ratio Lower Upper
96 100
61 129.6 105.8 158.8
98 62.9 50.3 75.5

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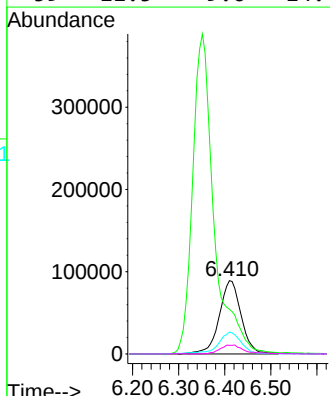
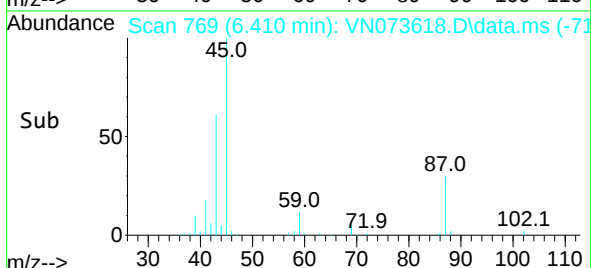
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#22
Diisopropyl ether
Concen: 25.621 ug/l
RT: 6.410 min Scan# 769
Delta R.T. -0.000 min
Lab File: VN073618.D
Acq: 28 Jul 2022 11:44



Tgt Ion: 45 Resp: 293959
Ion Ratio Lower Upper
45 100
43 59.1 46.6 70.0
87 29.7 24.3 36.5
59 11.5 9.6 14.4





#23
 Vinyl Acetate
 Concen: 129.028 ug/l
 RT: 6.351 min Scan# 759
 Delta R.T. -0.000 min
 Lab File: VN073618.D
 Acq: 28 Jul 2022 11:44

Instrument :

MSVOA_N

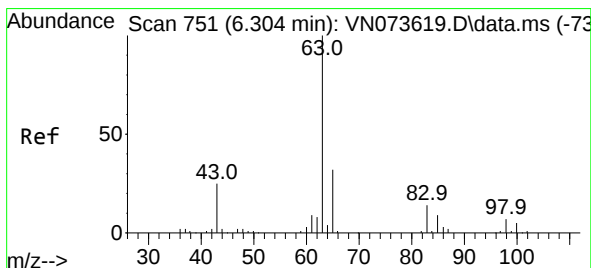
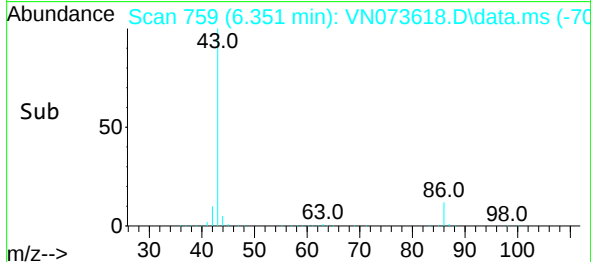
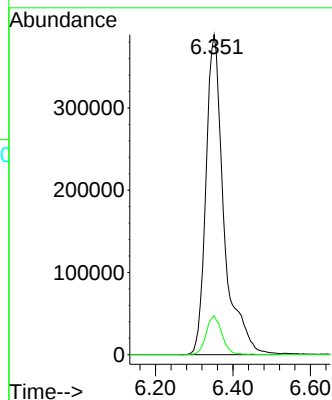
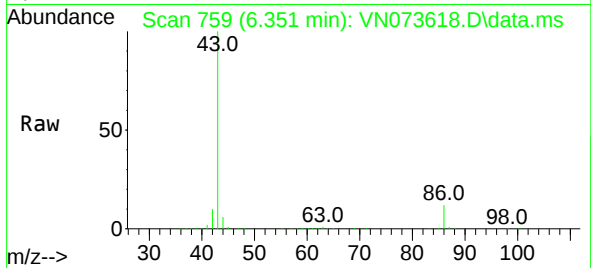
ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 1255789
 Ion Ratio Lower Upper
 43 100
 86 12.2 10.0 15.0

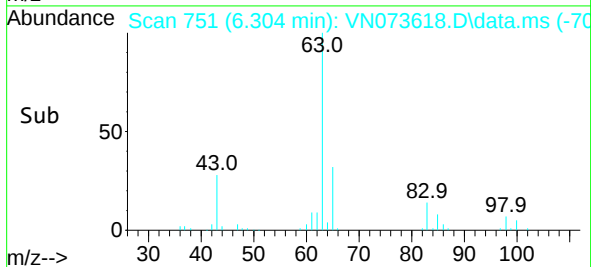
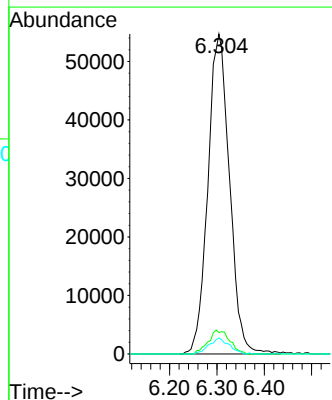
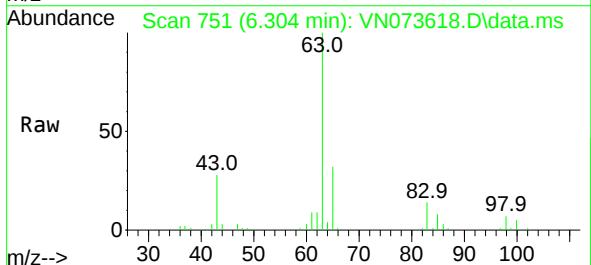
Manual Integrations
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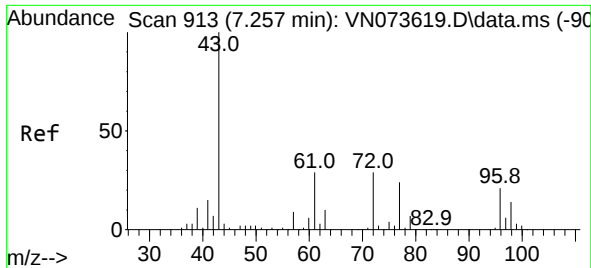
Reviewed By :John Carlone 07/29/2022
 Supervised By :Mahesh Dadoda 07/29/2022



#24
 1,1-Dichloroethane
 Concen: 24.460 ug/l
 RT: 6.304 min Scan# 751
 Delta R.T. -0.000 min
 Lab File: VN073618.D
 Acq: 28 Jul 2022 11:44

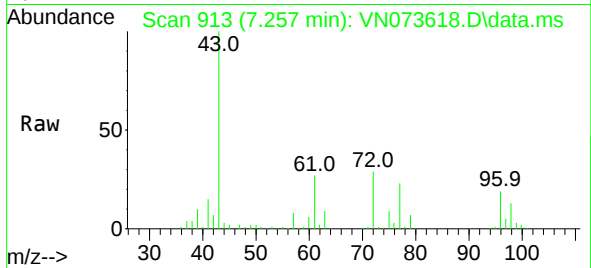
Tgt Ion: 63 Resp: 173466
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.5 10.4
 100 5.0 2.3 6.8





#25
2-Butanone
Concen: 124.739 ug/l
RT: 7.257 min Scan# 913
Delta R.T. -0.000 min
Lab File: VN073618.D
Acq: 28 Jul 2022 11:44

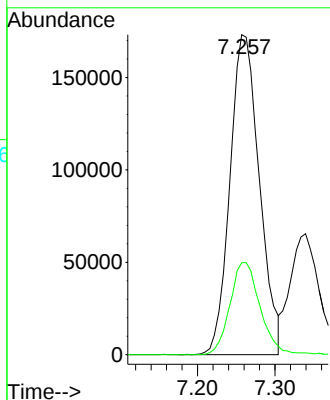
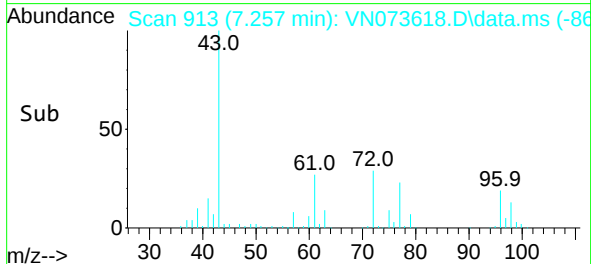
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC020



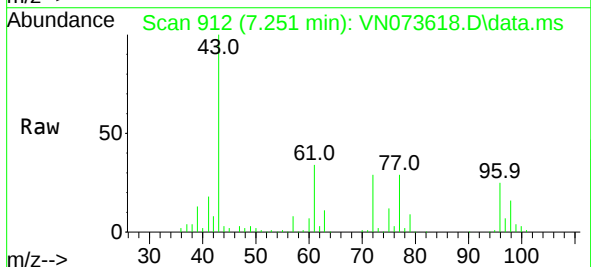
Tgt Ion: 43 Resp: 458284
Ion Ratio Lower Upper
43 100
72 28.7 23.7 35.5

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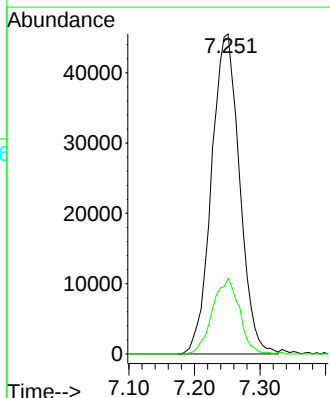
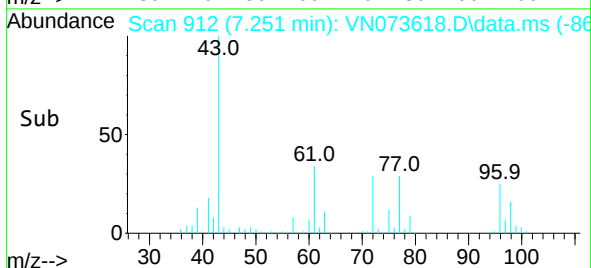
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#26
2,2-Dichloropropane
Concen: 23.653 ug/l
RT: 7.251 min Scan# 912
Delta R.T. -0.000 min
Lab File: VN073618.D
Acq: 28 Jul 2022 11:44



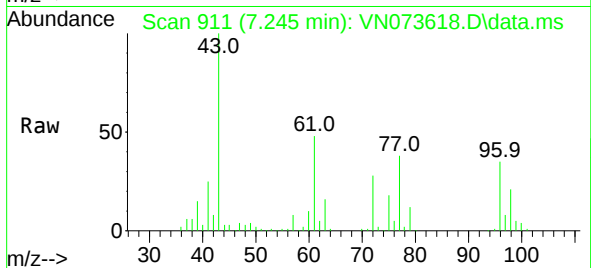
Tgt Ion: 77 Resp: 135250
Ion Ratio Lower Upper
77 100
97 22.6 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 23.956 ug/l
 RT: 7.245 min Scan# 911
 Delta R.T. -0.006 min
 Lab File: VN073618.D
 Acq: 28 Jul 2022 11:44

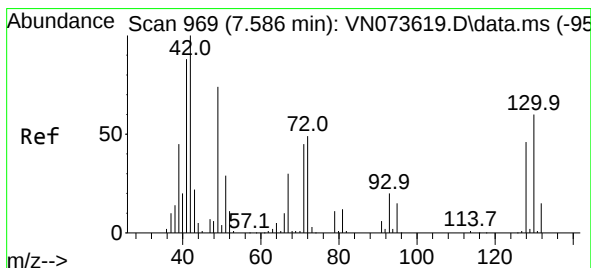
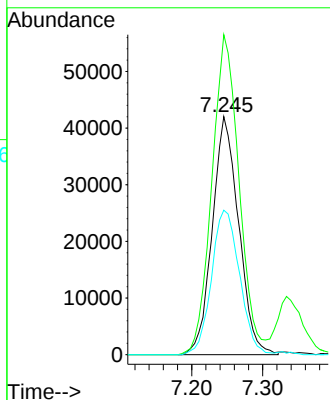
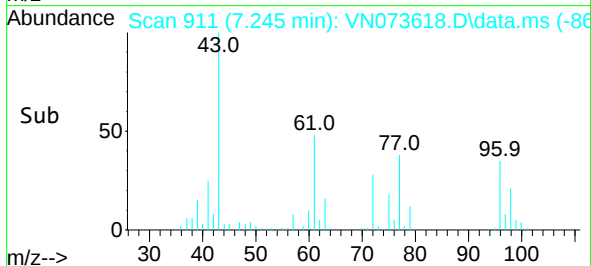
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



Tgt Ion: 96 Resp: 10843
 Ion Ratio Lower Upper
 96 100
 61 138.3 0.0 280.6
 98 64.5 0.0 128.4

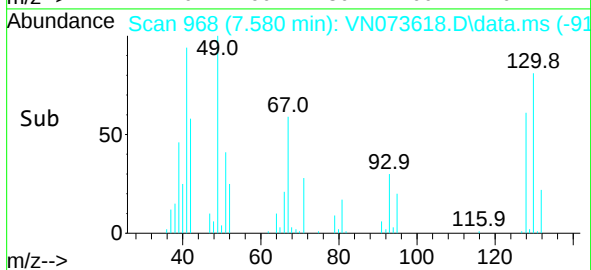
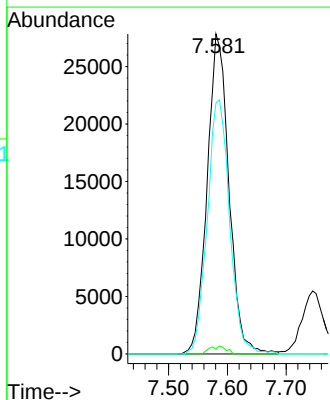
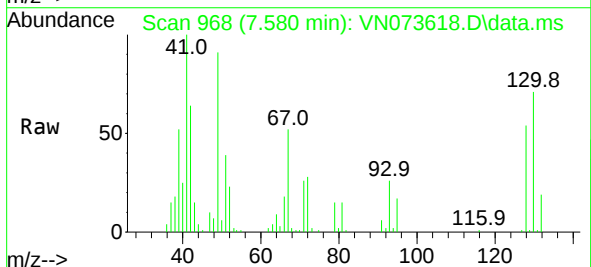
Manual Integrations
 APPROVED

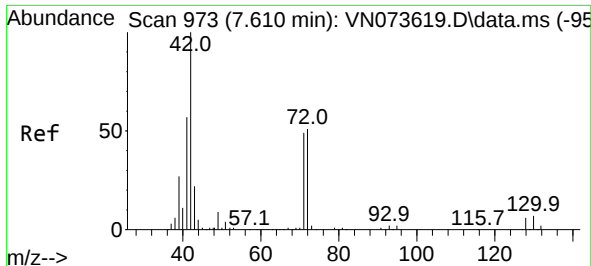
Reviewed By :John Carlone 07/29/2022
 Supervised By :Mahesh Dadoda 07/29/2022



#28
 Bromochloromethane
 Concen: 23.971 ug/l
 RT: 7.580 min Scan# 968
 Delta R.T. -0.006 min
 Lab File: VN073618.D
 Acq: 28 Jul 2022 11:44

Tgt Ion: 49 Resp: 71668
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.6
 130 81.6 69.7 104.5





#29

Tetrahydrofuran

Concen: 127.698 ug/l

RT: 7.610 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN073618.D

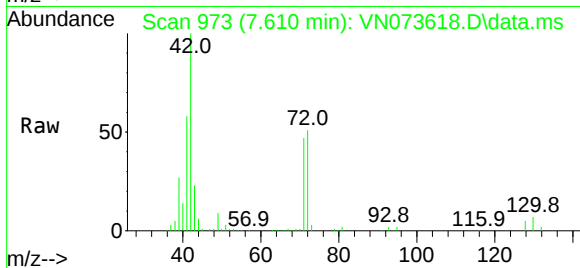
Acq: 28 Jul 2022 11:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020



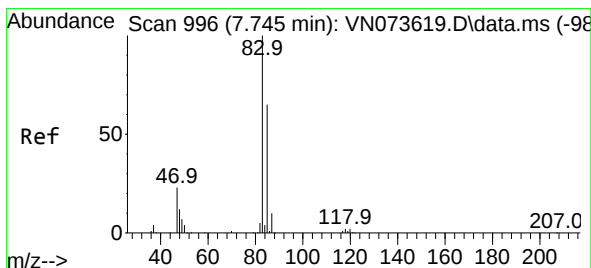
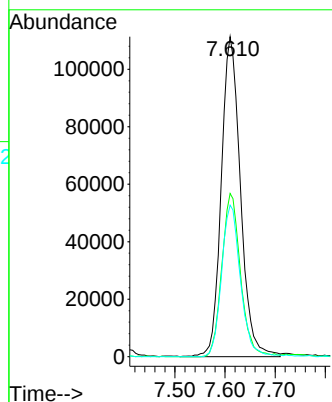
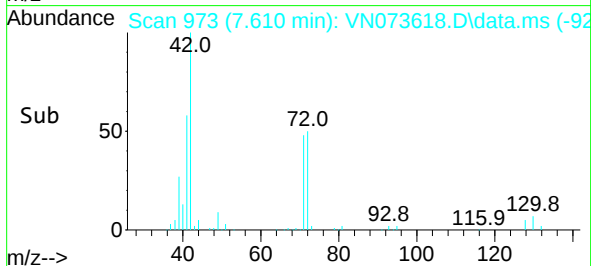
Tgt Ion:	42	Resp:	296508
Ion	Ratio	Lower	Upper
42	100		
72	49.6	39.7	59.5
71	46.5	36.6	55.0

Manual Integrations

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Reviewed By :John Carlone 07/29/2022

Supervised By :Mahesh Dadoda 07/29/2022



#30

Chloroform

Concen: 24.227 ug/l

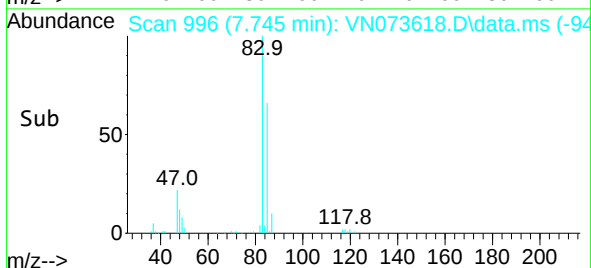
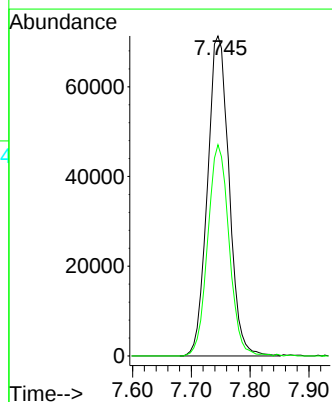
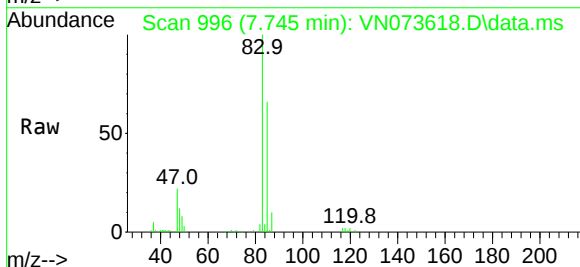
RT: 7.745 min Scan# 996

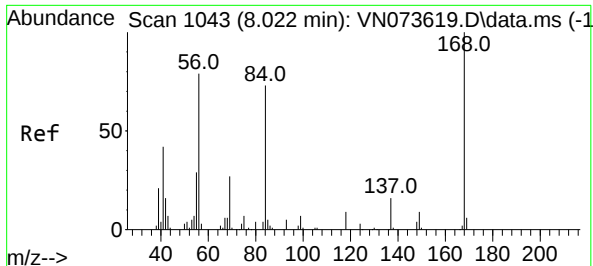
Delta R.T. -0.000 min

Lab File: VN073618.D

Acq: 28 Jul 2022 11:44

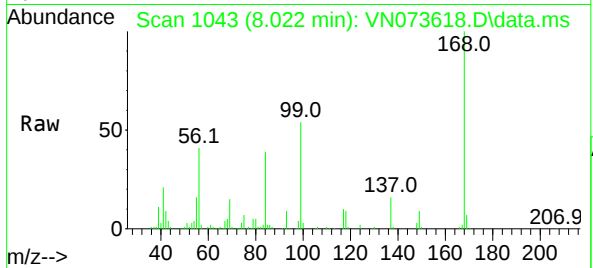
Tgt Ion:	83	Resp:	181873
Ion	Ratio	Lower	Upper
83	100		
85	66.0	51.8	77.8





#31
Cyclohexane
Concen: 23.632 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.000 min
Lab File: VN073618.D
Acq: 28 Jul 2022 11:44

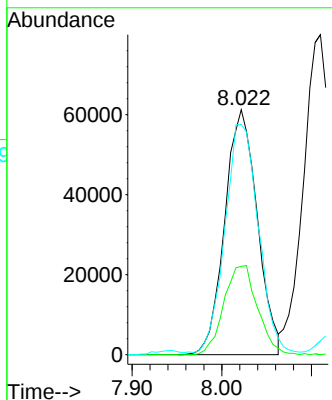
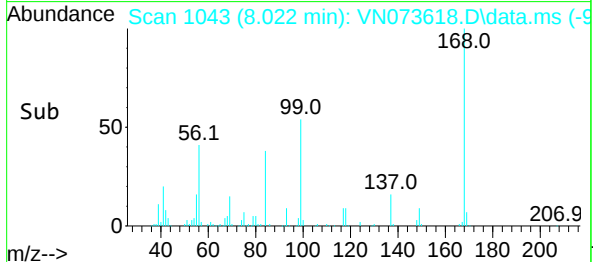
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



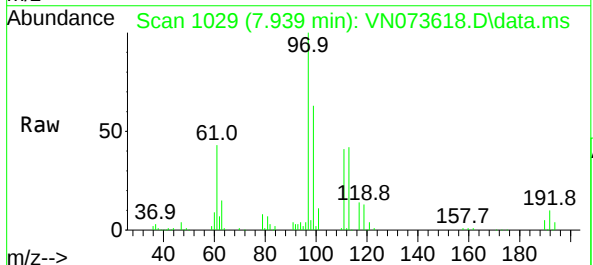
Tgt Ion: 56 Resp: 15408
Ion Ratio Lower Upper
56 100
69 36.1 27.8 41.8
84 92.5 76.9 115.3

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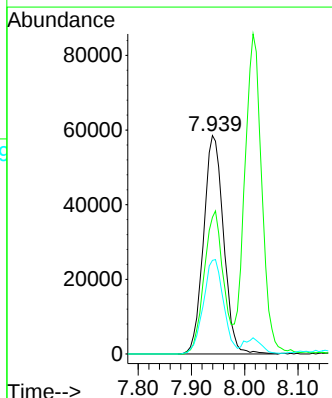
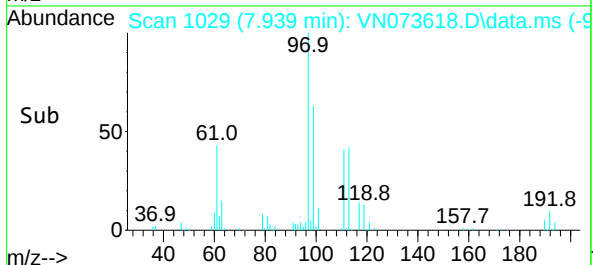
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

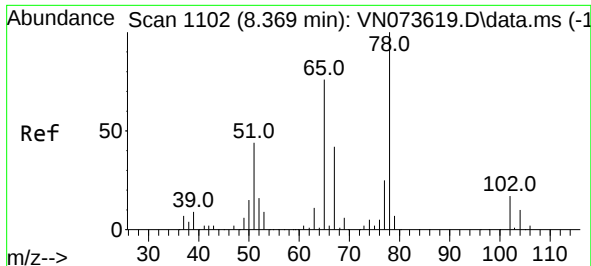


#32
1,1,1-Trichloroethane
Concen: 24.507 ug/l
RT: 7.939 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VN073618.D
Acq: 28 Jul 2022 11:44



Tgt Ion: 97 Resp: 152695
Ion Ratio Lower Upper
97 100
99 61.9 50.6 76.0
61 43.5 36.0 54.0





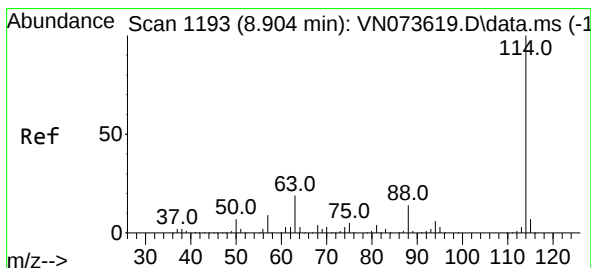
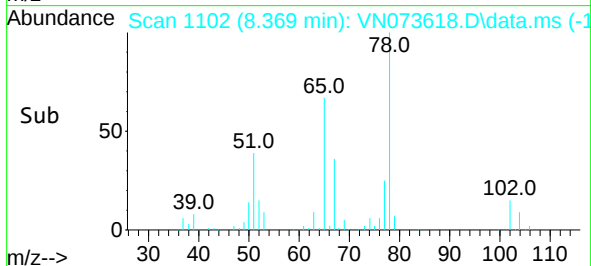
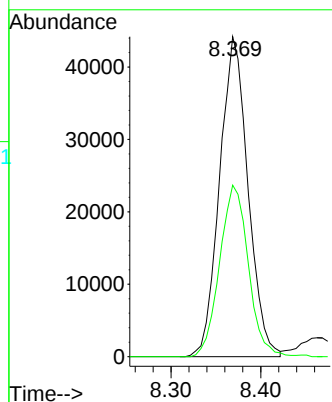
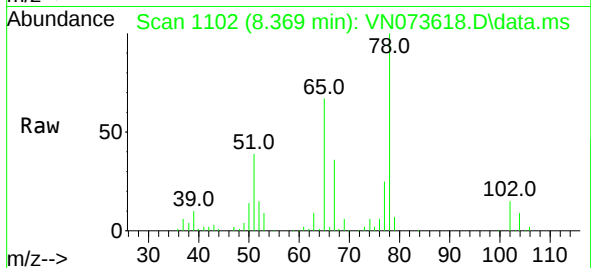
#33
1,2-Dichloroethane-d4
Concen: 22.146 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073618.D
Acq: 28 Jul 2022 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 65 Resp: 9698
Ion Ratio Lower Upper
65 100
67 54.4 0.0 104.8

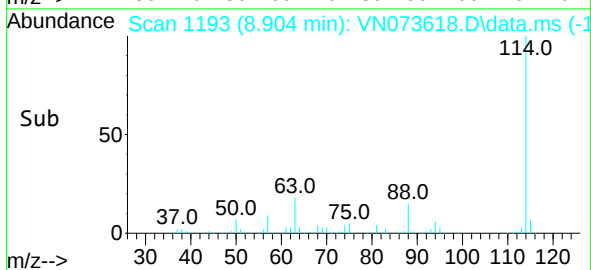
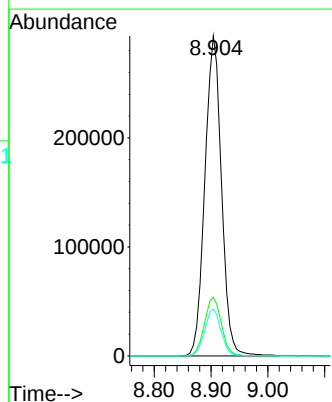
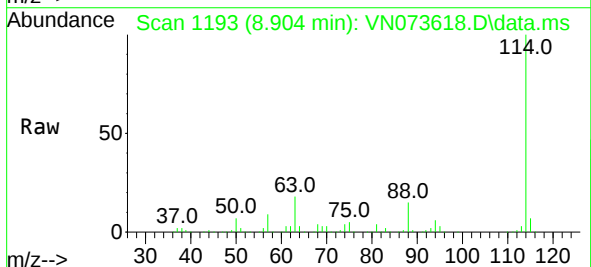
Manual Integrations
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Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. -0.000 min
Lab File: VN073618.D
Acq: 28 Jul 2022 11:44

Tgt Ion:114 Resp: 595213
Ion Ratio Lower Upper
114 100
63 18.3 0.0 40.0
88 14.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 21.906 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VN073618.D

Acq: 28 Jul 2022 11:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

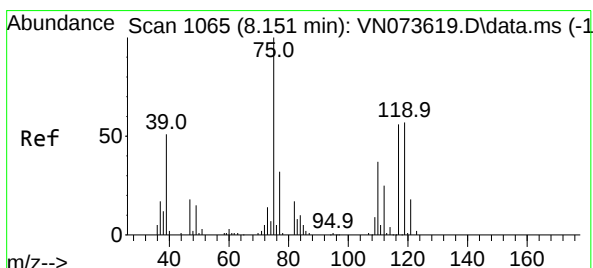
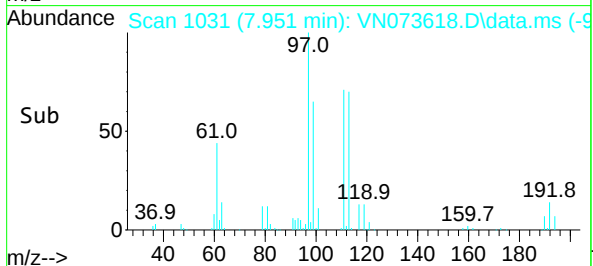
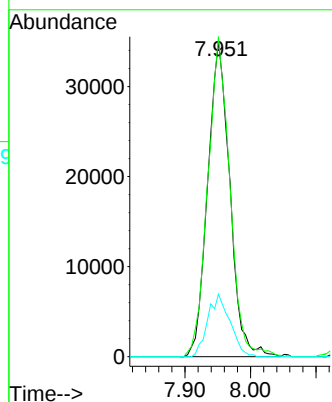
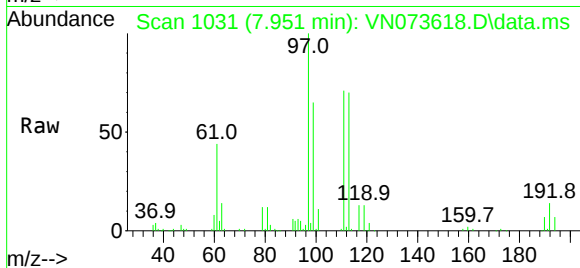
Tgt Ion:	113	Resp:	81870
Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.4	122.0
192	20.0	17.0	25.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/29/2022

Supervised By :Mahesh Dadoda 07/29/2022



#36

1,1-Dichloropropene

Concen: 24.312 ug/l

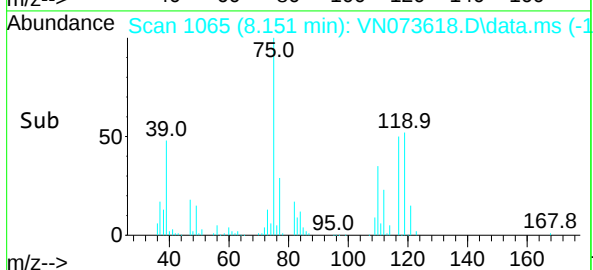
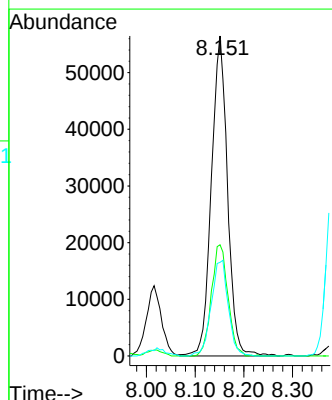
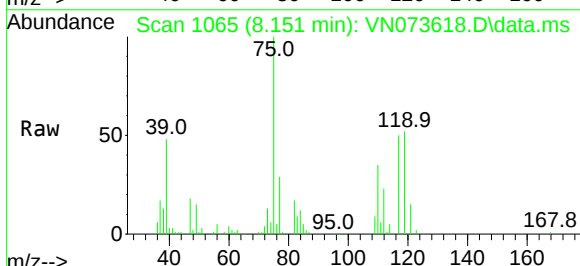
RT: 8.151 min Scan# 1065

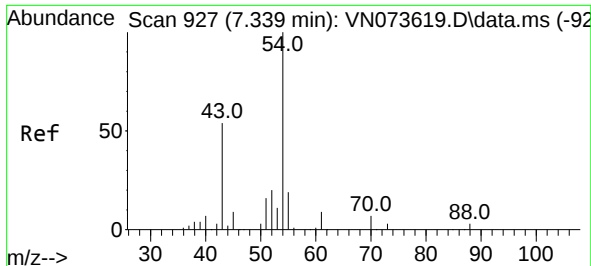
Delta R.T. -0.000 min

Lab File: VN073618.D

Acq: 28 Jul 2022 11:44

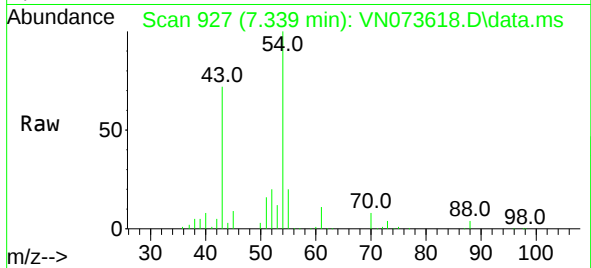
Tgt Ion:	75	Resp:	129572
Ion	Ratio	Lower	Upper
75	100		
110	35.5	18.3	54.8
77	31.5	25.1	37.7





#37
Ethyl Acetate
Concen: 26.212 ug/l
RT: 7.339 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN073618.D
Acq: 28 Jul 2022 11:44

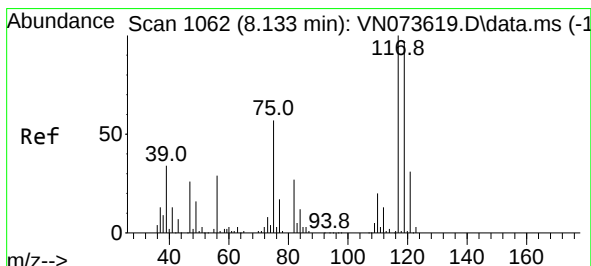
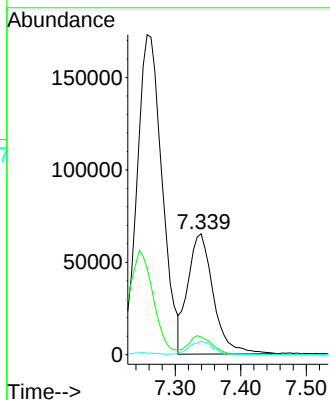
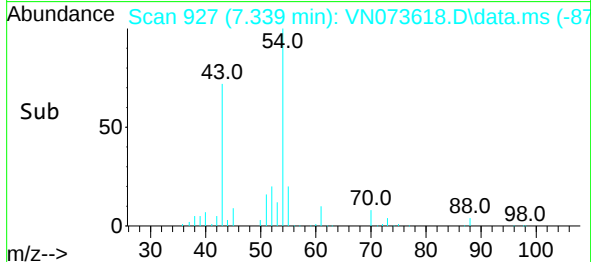
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 176230
Ion Ratio Lower Upper
43 100
61 15.1 11.8 17.6
70 10.5 9.3 13.9

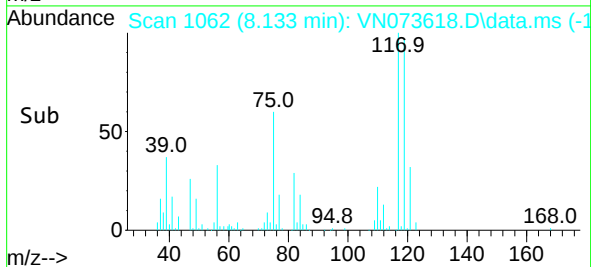
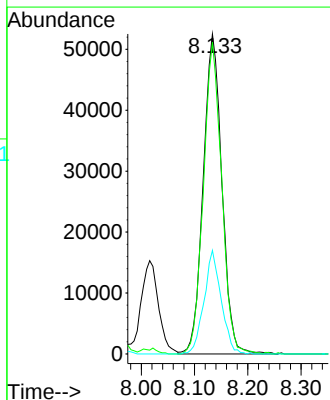
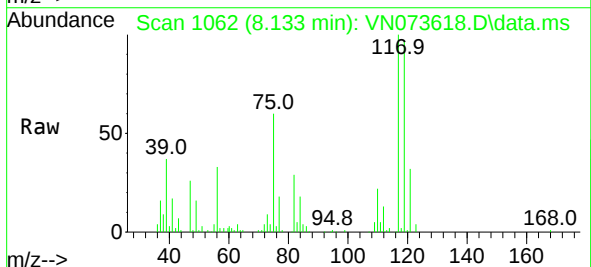
Manual Integrations
APPROVED

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



#38
Carbon Tetrachloride
Concen: 23.996 ug/l
RT: 8.133 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VN073618.D
Acq: 28 Jul 2022 11:44

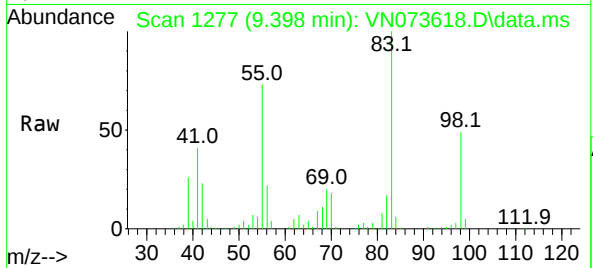
Tgt Ion:117 Resp: 128163
Ion Ratio Lower Upper
117 100
119 97.4 75.8 113.8
121 32.3 24.6 37.0





#39
Methylcyclohexane
Concen: 24.670 ug/l
RT: 9.398 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VN073618.D
Acq: 28 Jul 2022 11:44

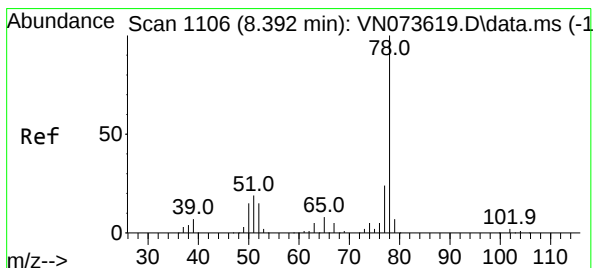
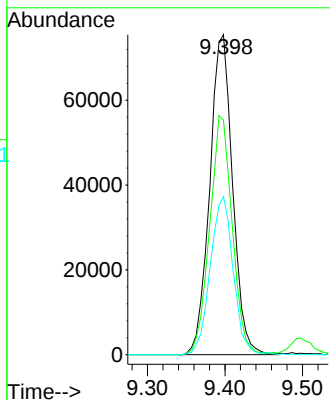
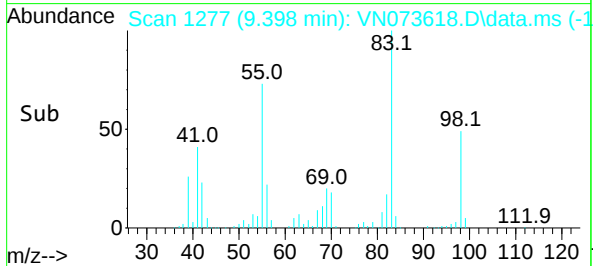
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 83 Resp: 15480
Ion Ratio Lower Upper
83 100
55 73.3 57.8 86.8
98 49.4 39.4 59.2

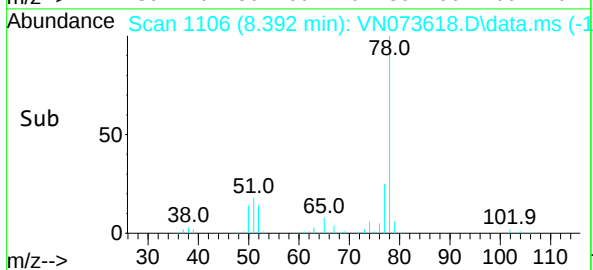
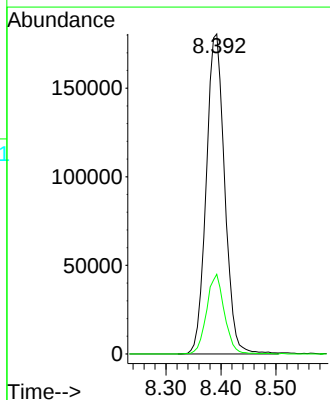
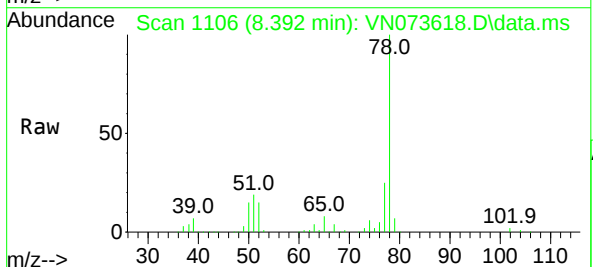
Manual Integrations
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Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#40
Benzene
Concen: 24.484 ug/l
RT: 8.392 min Scan# 1106
Delta R.T. -0.000 min
Lab File: VN073618.D
Acq: 28 Jul 2022 11:44

Tgt Ion: 78 Resp: 420046
Ion Ratio Lower Upper
78 100
77 24.9 19.4 29.0





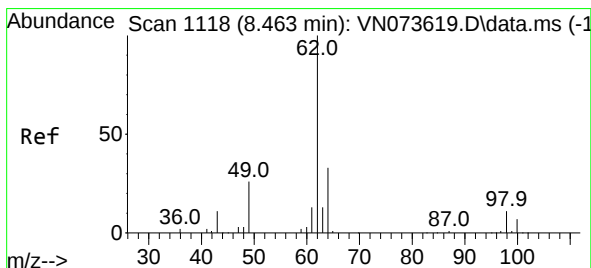
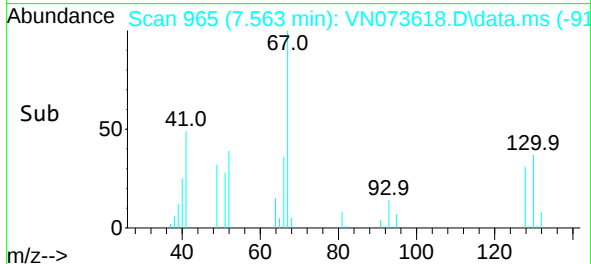
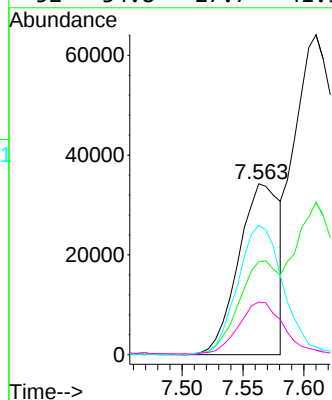
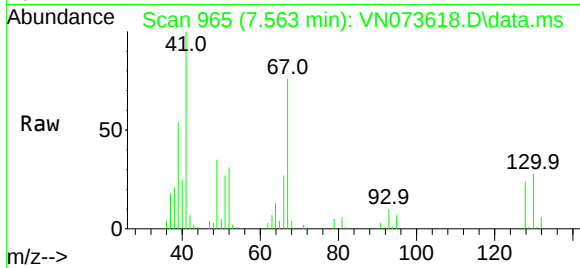
#41
Methacrylonitrile
Concen: 25.394 ug/l
RT: 7.563 min Scan# 965
Delta R.T. -0.000 min
Lab File: VN073618.D
Acq: 28 Jul 2022 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 41 Resp: 8016
Ion Ratio Lower Upper
41 100
39 54.1 48.6 73.0
67 85.6 73.4 110.2
52 34.8 27.7 41.5

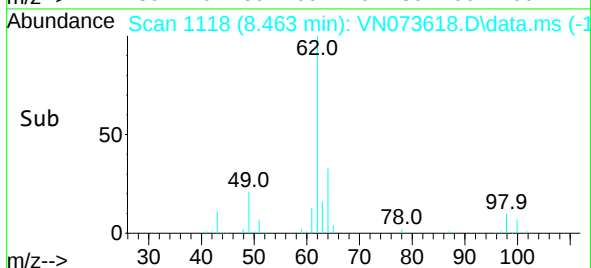
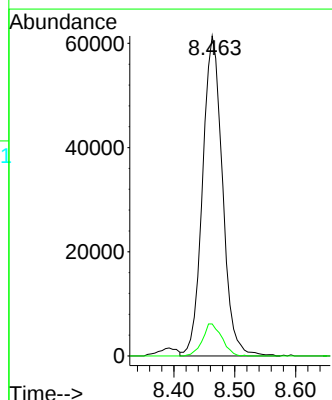
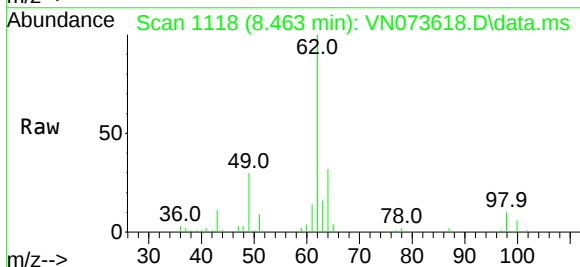
Manual Integrations
APPROVED

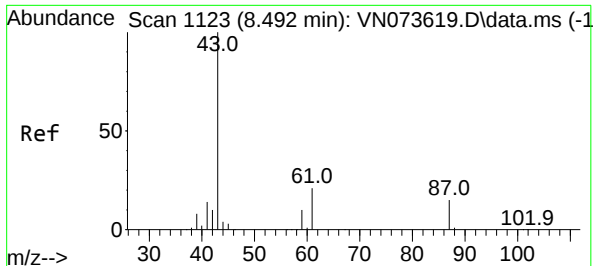
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#42
1,2-Dichloroethane
Concen: 23.860 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. -0.000 min
Lab File: VN073618.D
Acq: 28 Jul 2022 11:44

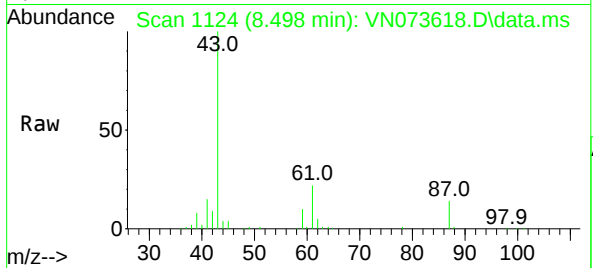
Tgt Ion: 62 Resp: 139873
Ion Ratio Lower Upper
62 100
98 9.8 0.0 19.4





#43
Isopropyl Acetate
Concen: 25.014 ug/l
RT: 8.498 min Scan# 1124
Delta R.T. 0.006 min
Lab File: VN073618.D
Acq: 28 Jul 2022 11:44

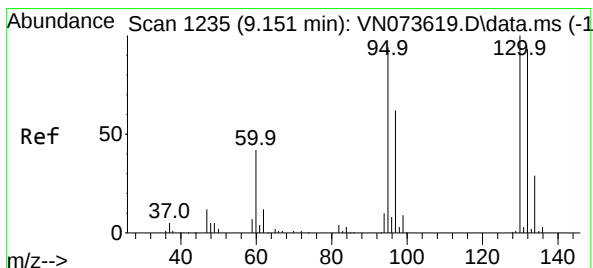
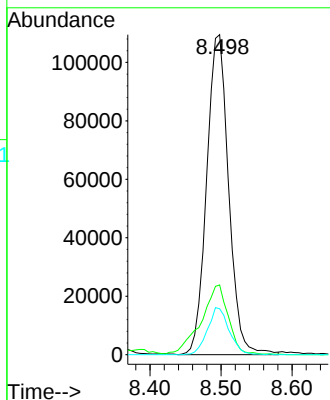
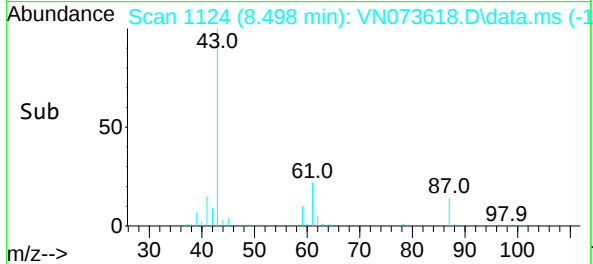
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



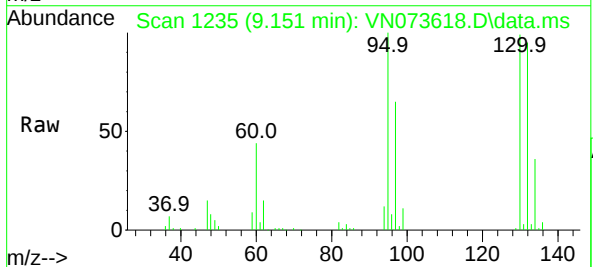
Tgt Ion: 43 Resp: 235570
Ion Ratio Lower Upper
43 100
61 27.1 21.9 32.9
87 14.5 12.0 18.0

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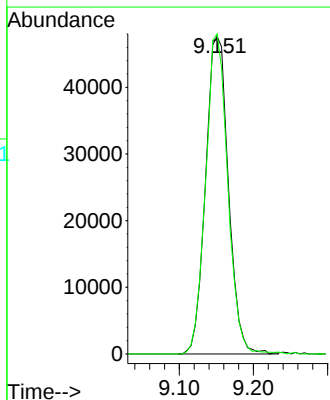
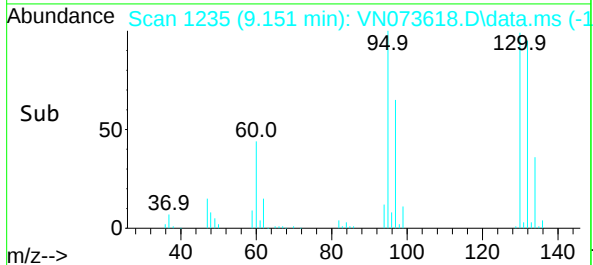
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

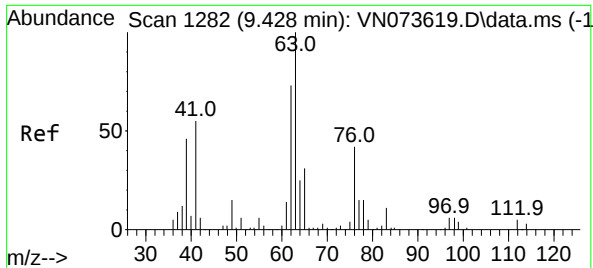


#44
Trichloroethene
Concen: 23.549 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. -0.000 min
Lab File: VN073618.D
Acq: 28 Jul 2022 11:44



Tgt Ion:130 Resp: 101829
Ion Ratio Lower Upper
130 100
95 100.8 0.0 186.8





#45

1,2-Dichloropropane

Concen: 24.272 ug/l

RT: 9.427 min Scan# 1282

Delta R.T. -0.000 min

Lab File: VN073618.D

Acq: 28 Jul 2022 11:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 10418

Ion Ratio Lower Upper

63 100

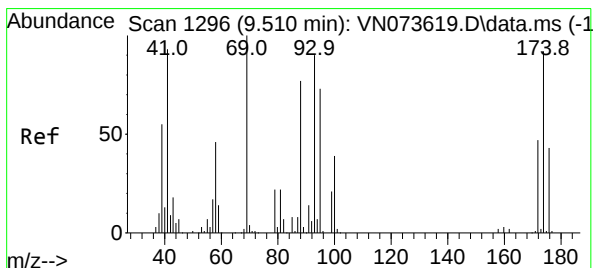
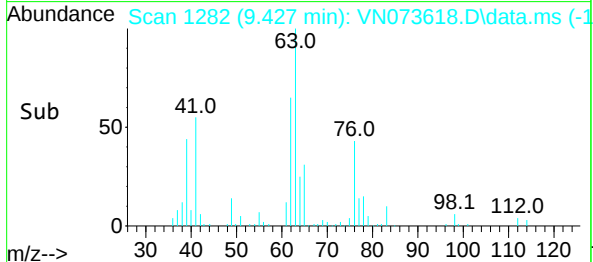
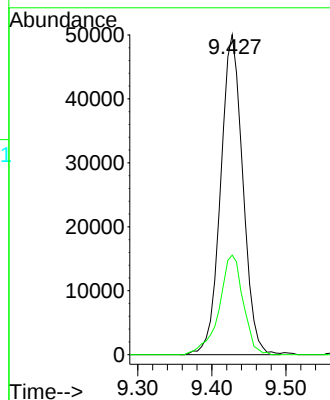
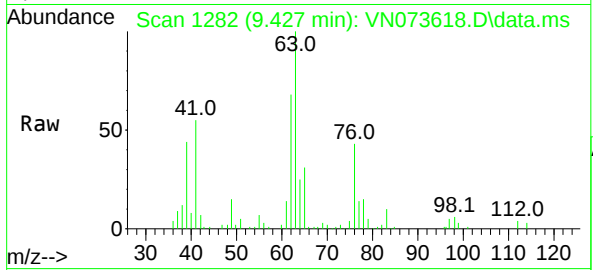
65 31.1 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/29/2022

Supervised By :Mahesh Dadoda 07/29/2022



#46

Dibromomethane

Concen: 24.222 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. 0.006 min

Lab File: VN073618.D

Acq: 28 Jul 2022 11:44

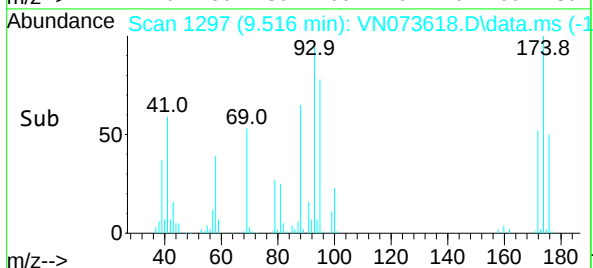
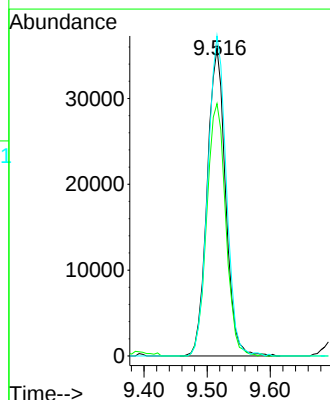
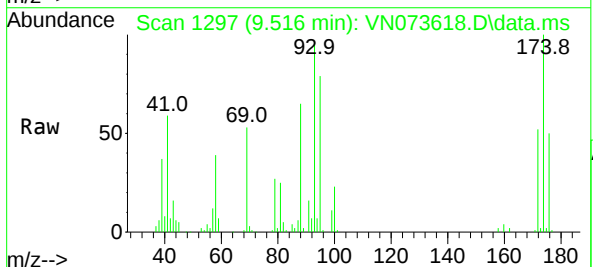
Tgt Ion: 93 Resp: 72460

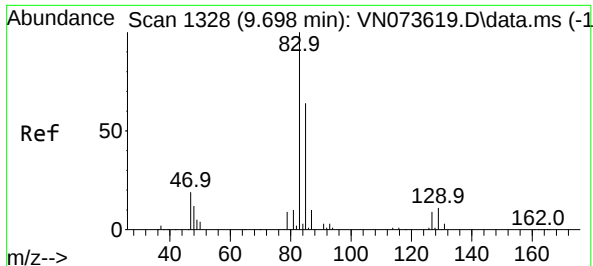
Ion Ratio Lower Upper

93 100

95 84.4 66.9 100.3

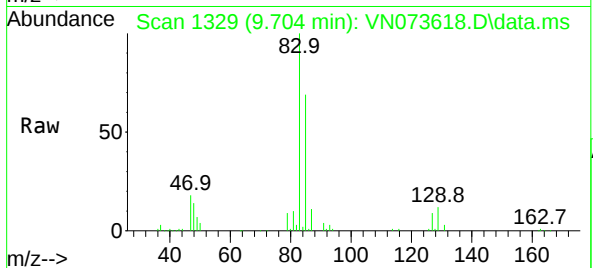
174 104.6 86.6 130.0





#47
Bromodichloromethane
Concen: 24.365 ug/l
RT: 9.704 min Scan# 1329
Delta R.T. 0.006 min
Lab File: VN073618.D
Acq: 28 Jul 2022 11:44

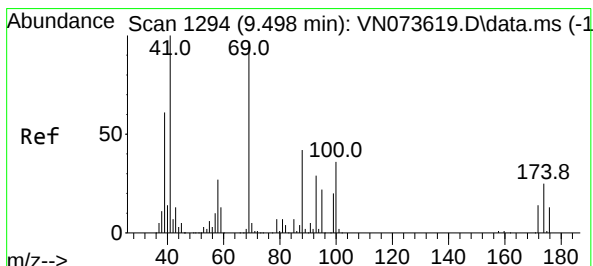
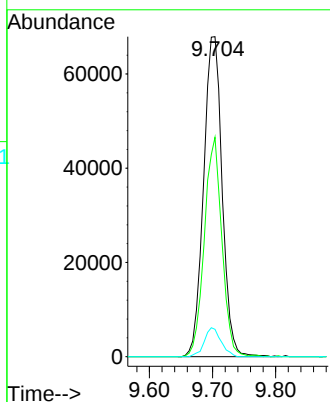
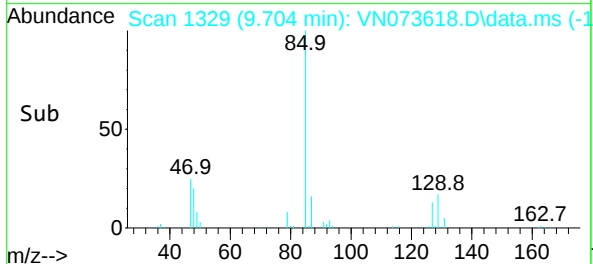
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



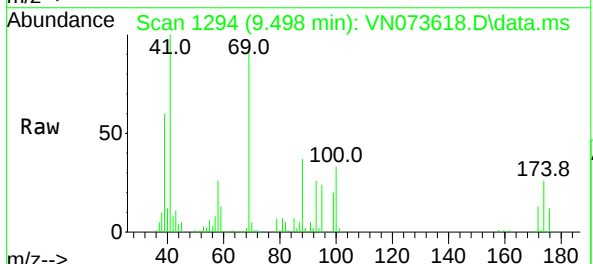
Tgt Ion: 83 Resp: 13887
Ion Ratio Lower Upper
83 100
85 68.6 50.5 75.7
127 8.5 6.8 10.2

Manual Integrations
APPROVED

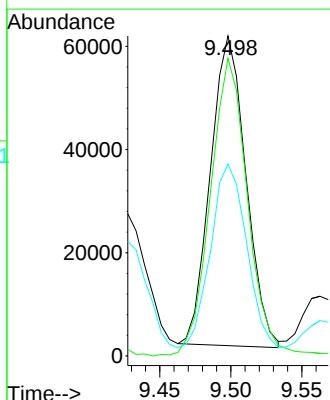
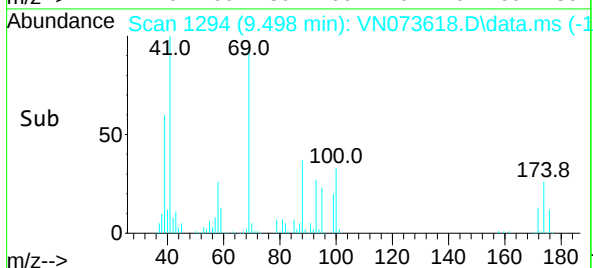
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

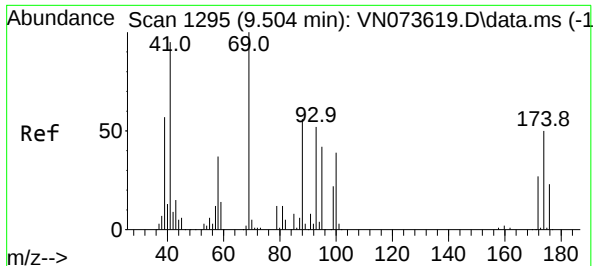


#48
Methyl methacrylate
Concen: 25.609 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VN073618.D
Acq: 28 Jul 2022 11:44



Tgt Ion: 41 Resp: 104133
Ion Ratio Lower Upper
41 100
69 101.3 74.7 112.1
39 65.6 45.6 68.4





#49

1,4-Dioxane

Concen: 530.379 ug/l

RT: 9.504 min Scan# 1295

Delta R.T. -0.000 min

Lab File: VN073618.D

Acq: 28 Jul 2022 11:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 88 Resp: 59549

Ion Ratio Lower Upper

88 100

43 27.8 20.2 30.4

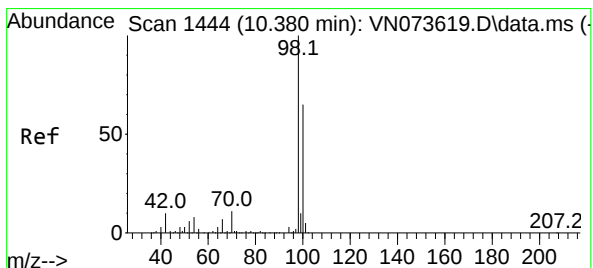
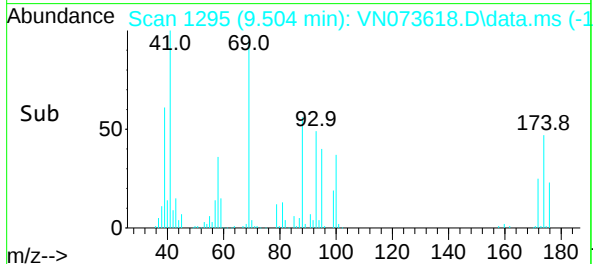
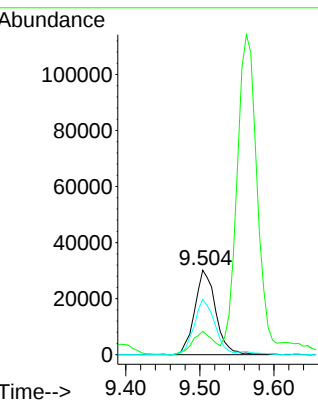
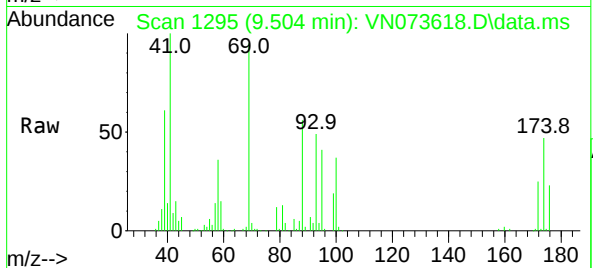
58 64.1 54.2 81.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/29/2022

Supervised By :Mahesh Dadoda 07/29/2022



#50

Toluene-d8

Concen: 22.270 ug/l

RT: 10.380 min Scan# 1444

Delta R.T. -0.000 min

Lab File: VN073618.D

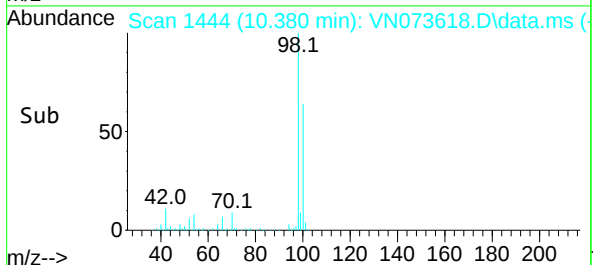
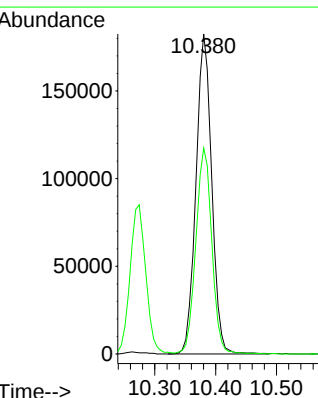
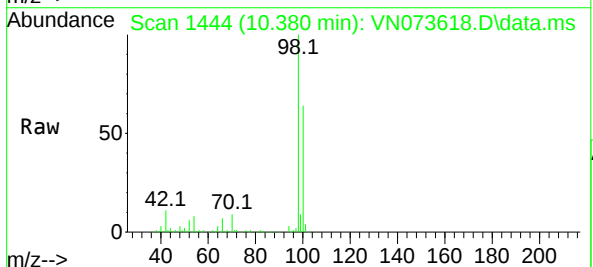
Acq: 28 Jul 2022 11:44

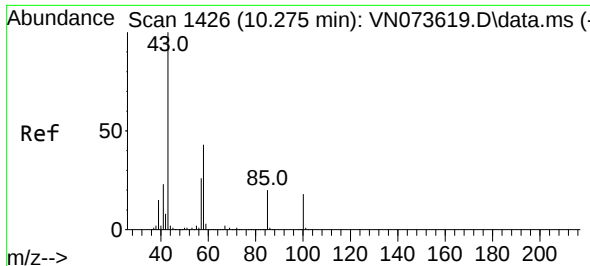
Tgt Ion: 98 Resp: 327546

Ion Ratio Lower Upper

98 100

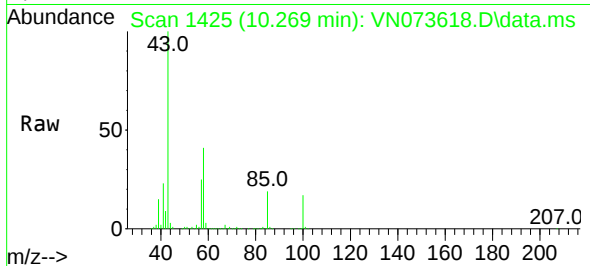
100 64.7 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 132.036 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VN073618.D
Acq: 28 Jul 2022 11:44

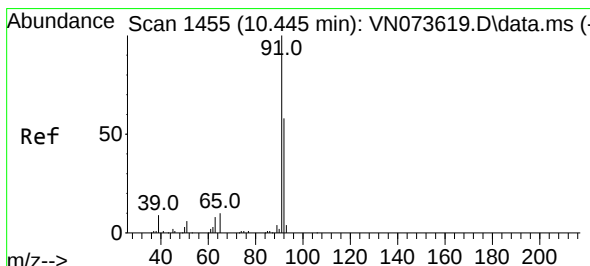
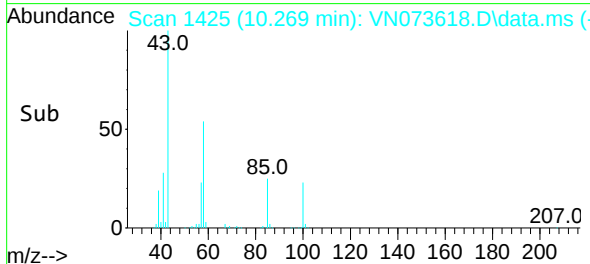
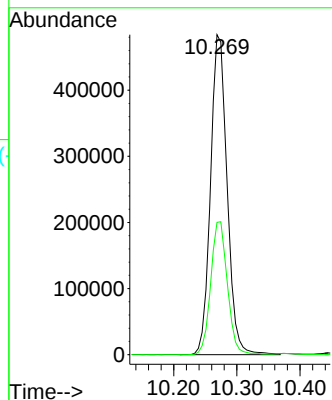
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 882063
Ion Ratio Lower Upper
43 100
58 41.8 34.1 51.1

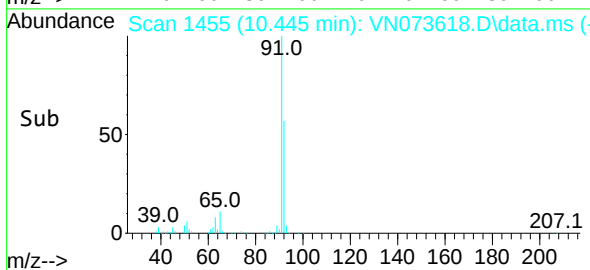
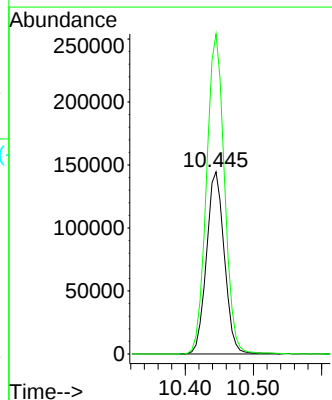
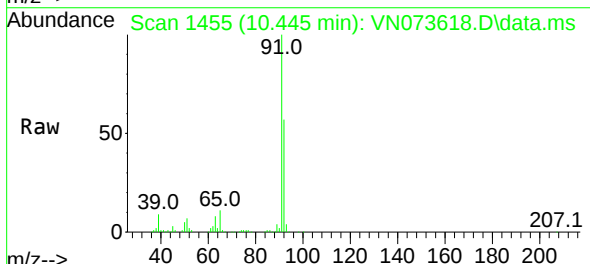
Manual Integrations
APPROVED

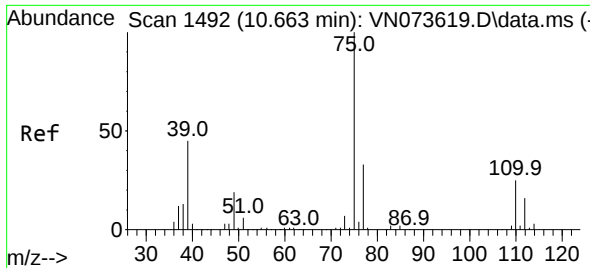
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#52
Toluene
Concen: 25.243 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. -0.000 min
Lab File: VN073618.D
Acq: 28 Jul 2022 11:44

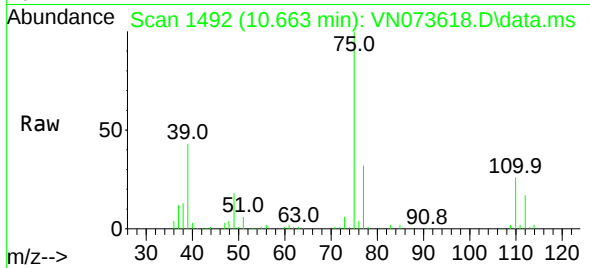
Tgt Ion: 92 Resp: 263164
Ion Ratio Lower Upper
92 100
91 176.9 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 25.113 ug/l
RT: 10.663 min Scan# 1492
Delta R.T. -0.000 min
Lab File: VN073618.D
Acq: 28 Jul 2022 11:44

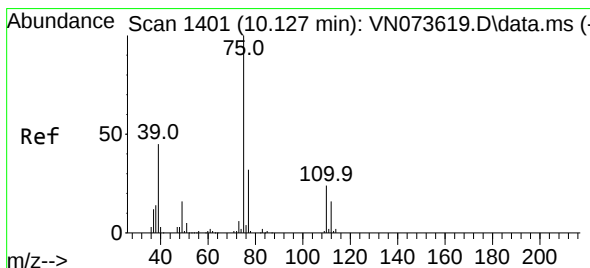
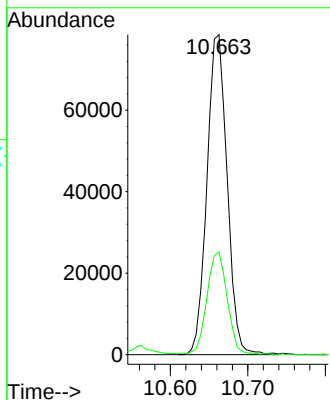
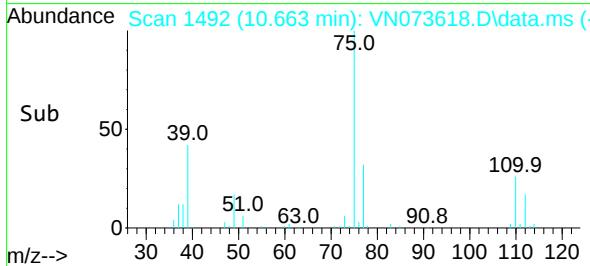
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



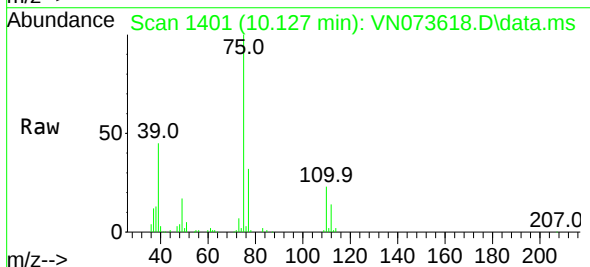
Tgt Ion: 75 Resp: 142263
Ion Ratio Lower Upper
75 100
77 32.1 25.6 38.4

Manual Integrations
APPROVED

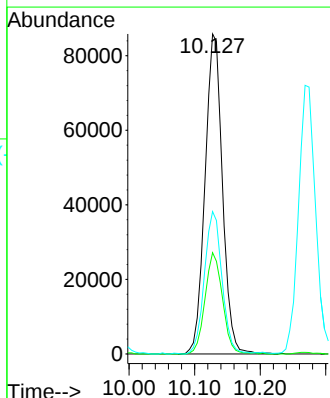
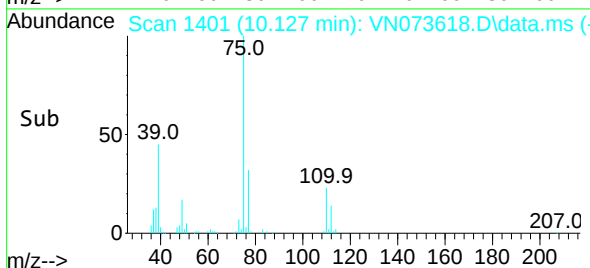
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

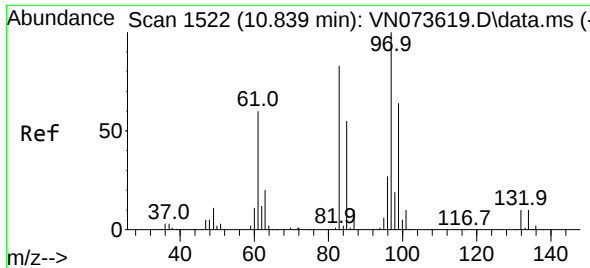


#54
cis-1,3-Dichloropropene
Concen: 25.032 ug/l
RT: 10.127 min Scan# 1401
Delta R.T. -0.000 min
Lab File: VN073618.D
Acq: 28 Jul 2022 11:44



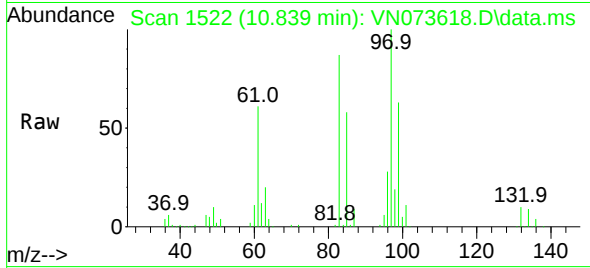
Tgt Ion: 75 Resp: 159000
Ion Ratio Lower Upper
75 100
77 31.7 25.2 37.8
39 44.3 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 24.488 ug/l
RT: 10.839 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VN073618.D
Acq: 28 Jul 2022 11:44

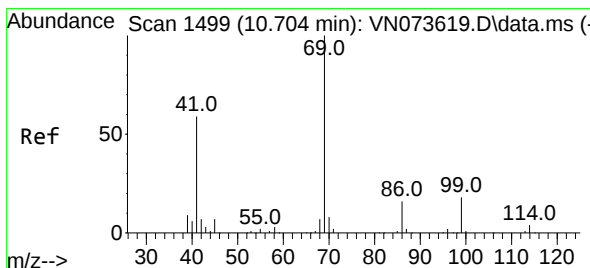
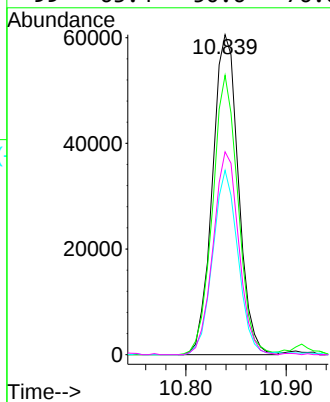
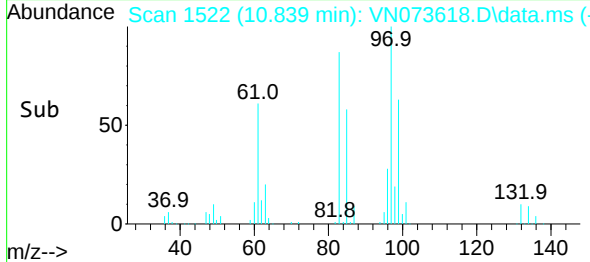
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



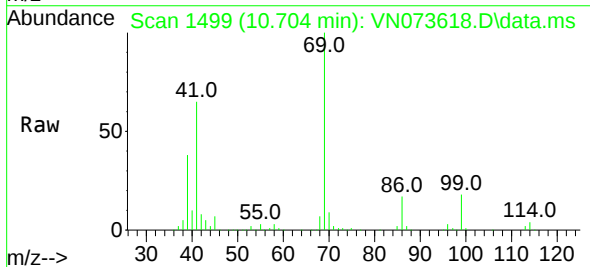
Tgt Ion: 97 Resp: 108878
Ion Ratio Lower Upper
97 100
83 87.3 66.2 99.4
85 57.6 43.9 65.9
99 63.4 50.6 76.0

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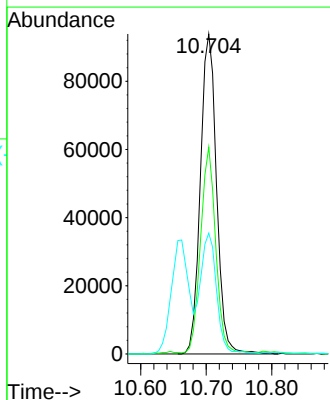
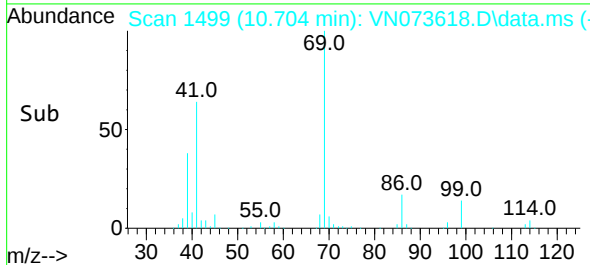
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

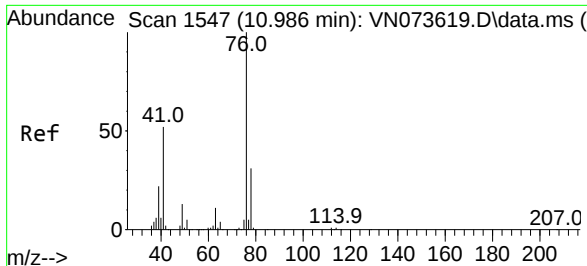


#56
Ethyl methacrylate
Concen: 26.685 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. -0.000 min
Lab File: VN073618.D
Acq: 28 Jul 2022 11:44



Tgt Ion: 69 Resp: 161114
Ion Ratio Lower Upper
69 100
41 59.8 47.8 71.6
39 38.1 27.3 40.9





#57

1,3-Dichloropropane

Concen: 25.116 ug/l

RT: 10.986 min Scan# 1547

Delta R.T. -0.000 min

Lab File: VN073618.D

Acq: 28 Jul 2022 11:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 76 Resp: 186058

Ion Ratio Lower Upper

76 100

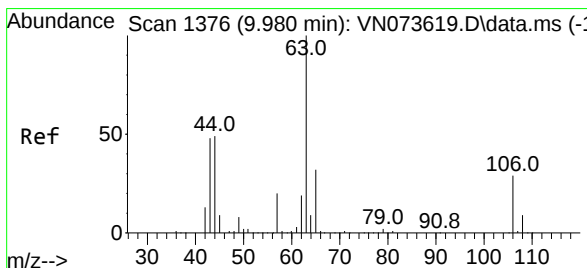
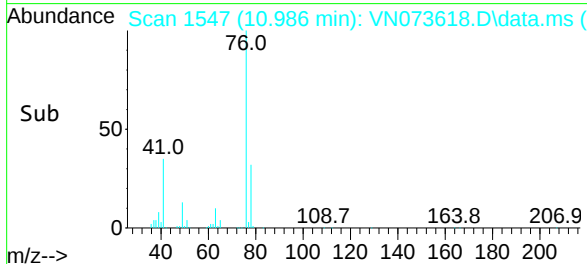
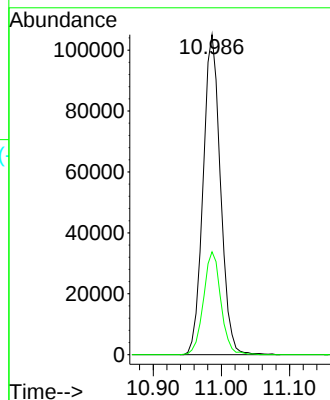
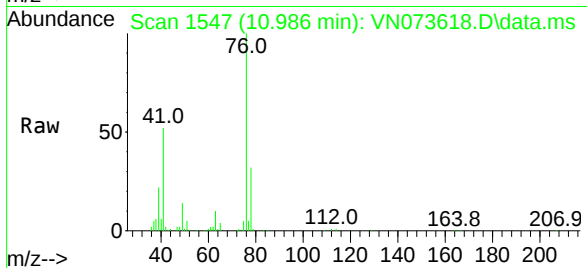
78 32.2 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/29/2022

Supervised By :Mahesh Dadoda 07/29/2022



#58

2-Chloroethyl Vinyl ether

Concen: 154.556 ug/l

RT: 9.980 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VN073618.D

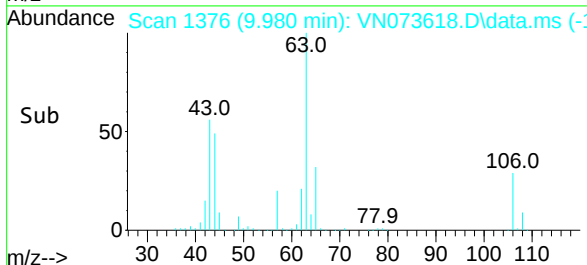
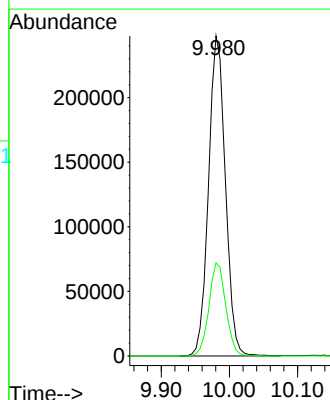
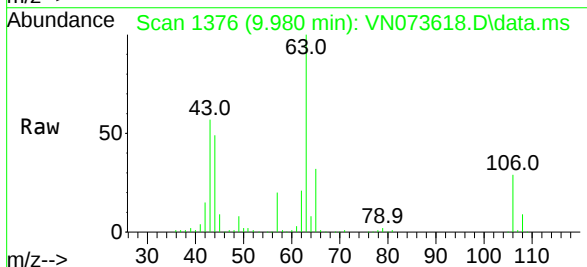
Acq: 28 Jul 2022 11:44

Tgt Ion: 63 Resp: 426477

Ion Ratio Lower Upper

63 100

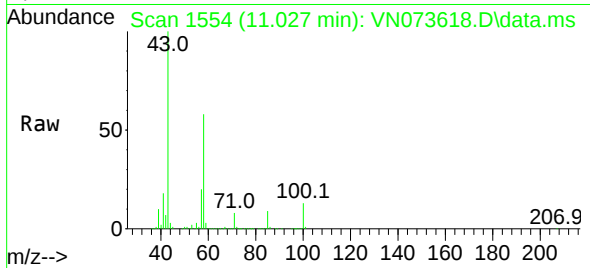
106 29.1 24.6 36.8





#59
2-Hexanone
Concen: 134.730 ug/l
RT: 11.027 min Scan# 1554
Delta R.T. -0.000 min
Lab File: VN073618.D
Acq: 28 Jul 2022 11:44

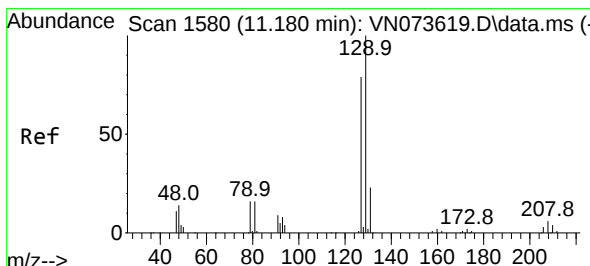
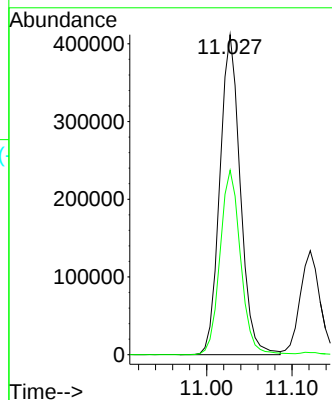
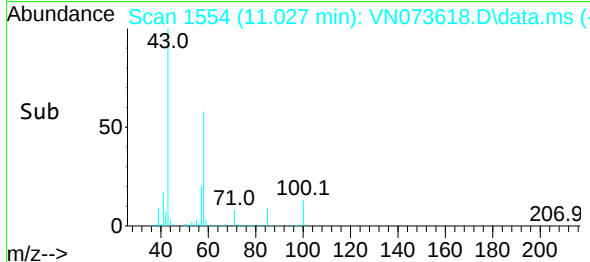
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



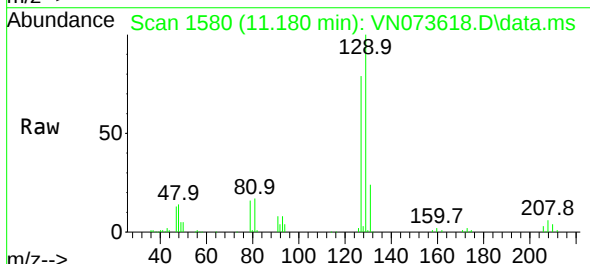
Tgt Ion: 43 Resp: 686700
Ion Ratio Lower Upper
43 100
58 57.9 29.7 89.1

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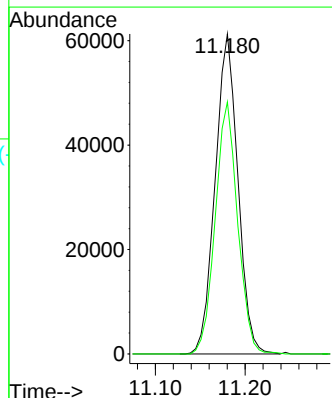
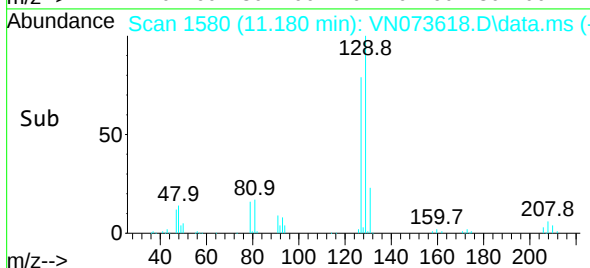
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#60
Dibromochloromethane
Concen: 24.350 ug/l
RT: 11.180 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VN073618.D
Acq: 28 Jul 2022 11:44



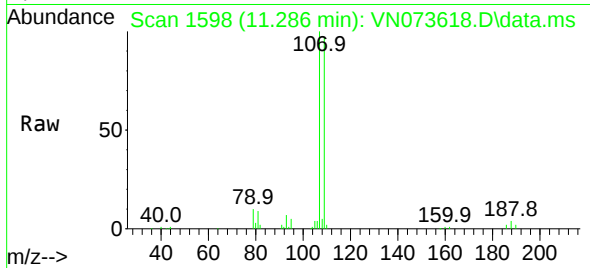
Tgt Ion:129 Resp: 107758
Ion Ratio Lower Upper
129 100
127 77.6 38.8 116.4





#61
1,2-Dibromoethane
Concen: 24.855 ug/l
RT: 11.286 min Scan# 11197
Delta R.T. -0.000 min
Lab File: VN073618.D
Acq: 28 Jul 2022 11:44

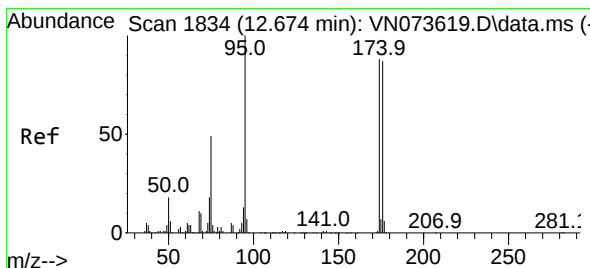
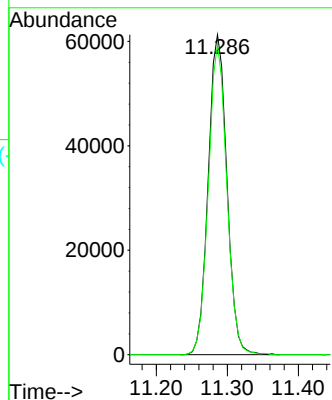
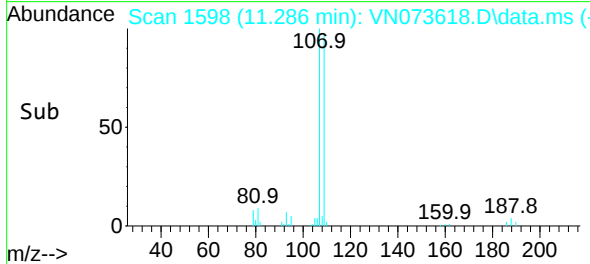
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



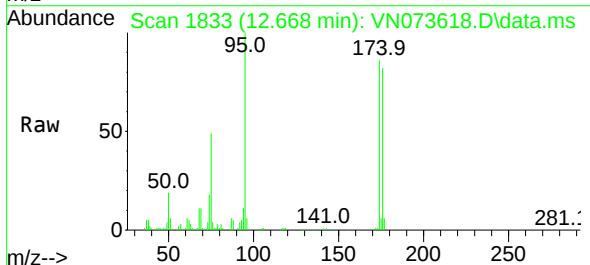
Tgt Ion:107 Resp: 11197
Ion Ratio Lower Upper
107 100
109 95.8 75.0 112.6

Manual Integrations
APPROVED

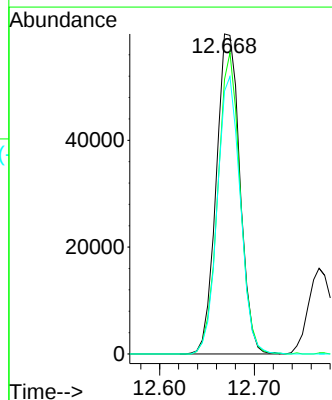
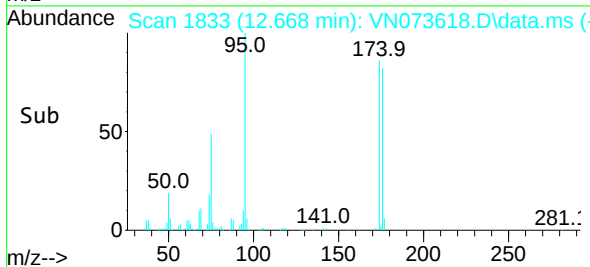
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

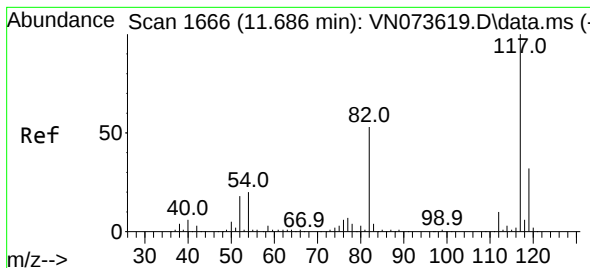


#62
4-Bromofluorobenzene
Concen: 22.845 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN073618.D
Acq: 28 Jul 2022 11:44



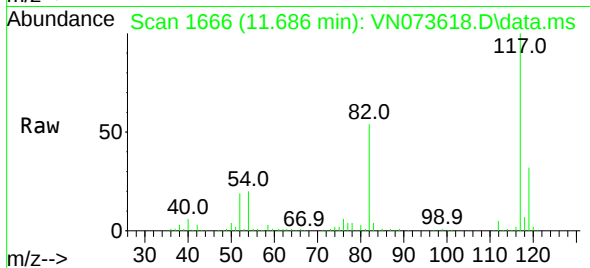
Tgt Ion: 95 Resp: 103896
Ion Ratio Lower Upper
95 100
174 88.6 0.0 167.6
176 84.1 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN073618.D
Acq: 28 Jul 2022 11:44

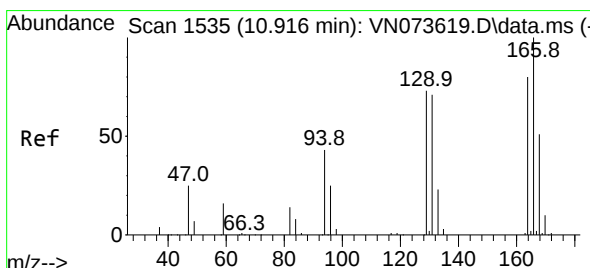
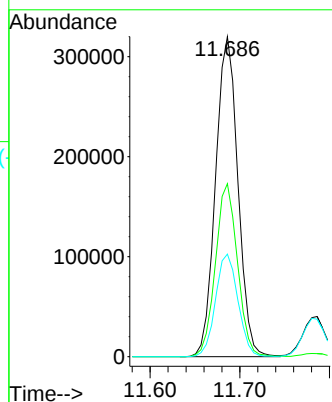
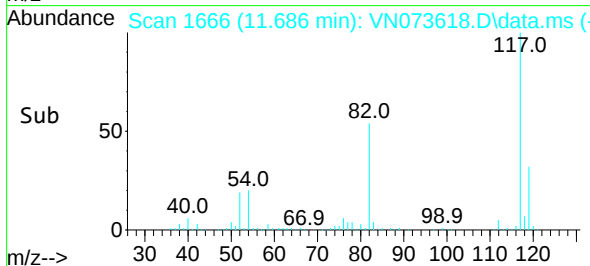
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



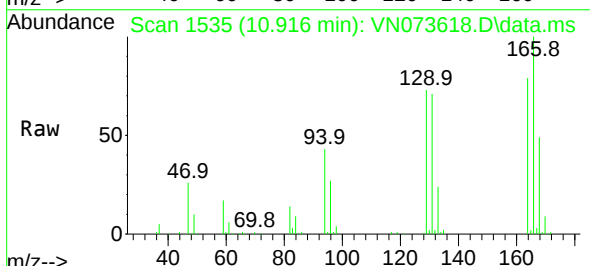
Tgt Ion:117 Resp: 55395
Ion Ratio Lower Upper
117 100
82 54.0 44.2 66.2
119 32.0 25.4 38.0

Manual Integrations
APPROVED

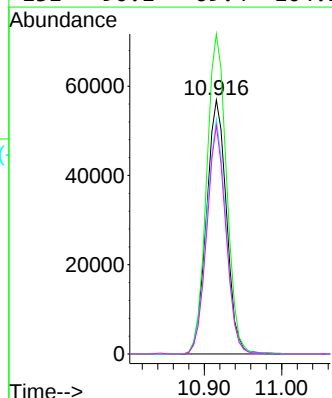
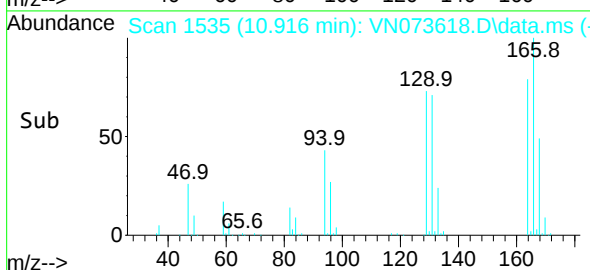
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

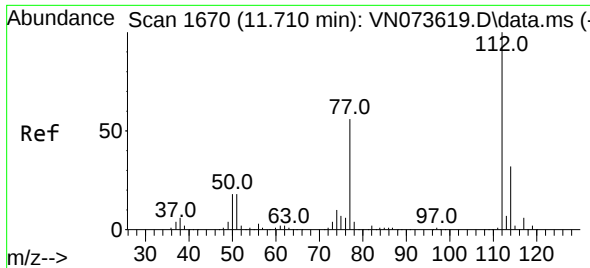


#64
Tetrachloroethene
Concen: 23.249 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. -0.000 min
Lab File: VN073618.D
Acq: 28 Jul 2022 11:44



Tgt Ion:164 Resp: 101961
Ion Ratio Lower Upper
164 100
166 126.0 104.2 156.2
129 92.3 73.9 110.9
131 90.1 69.4 104.2





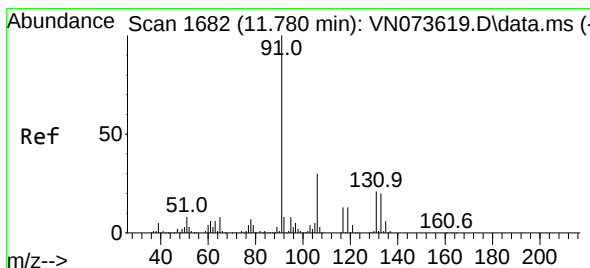
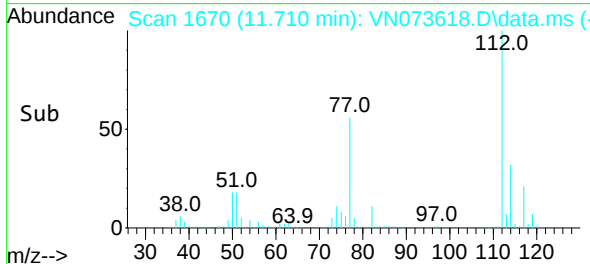
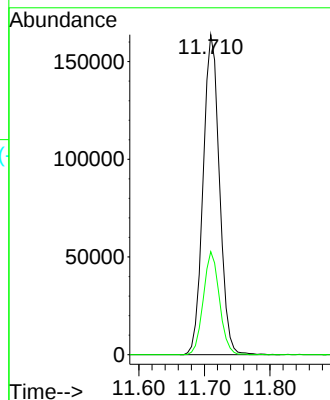
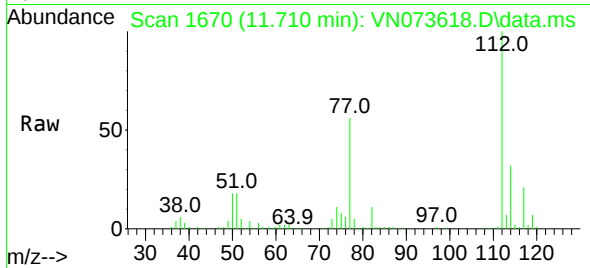
#65
Chlorobenzene
Concen: 24.121 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VN073618.D
Acq: 28 Jul 2022 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:112 Resp: 284380
Ion Ratio Lower Upper
112 100
114 32.2 25.4 38.2

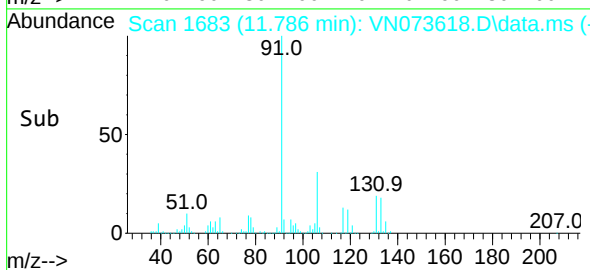
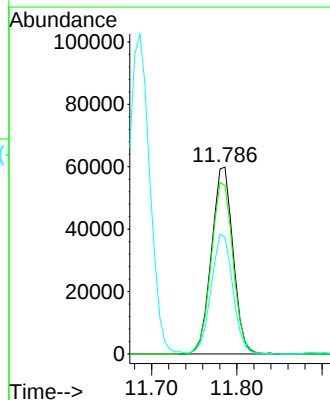
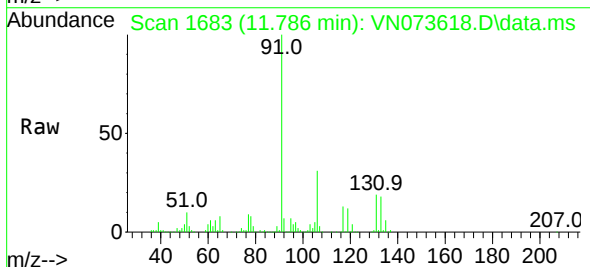
Manual Integrations
APPROVED

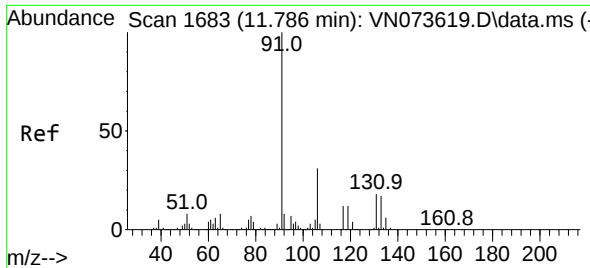
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 25.234 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.006 min
Lab File: VN073618.D
Acq: 28 Jul 2022 11:44

Tgt Ion:131 Resp: 105264
Ion Ratio Lower Upper
131 100
133 93.1 47.8 143.4
119 64.6 33.4 100.2





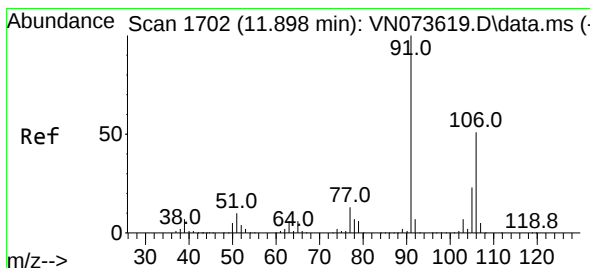
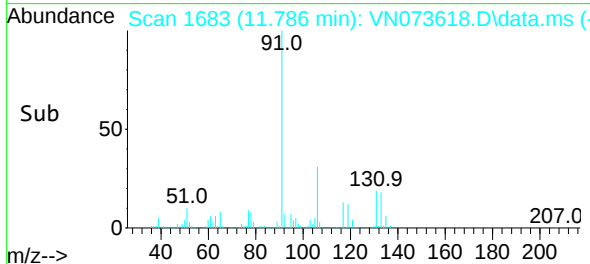
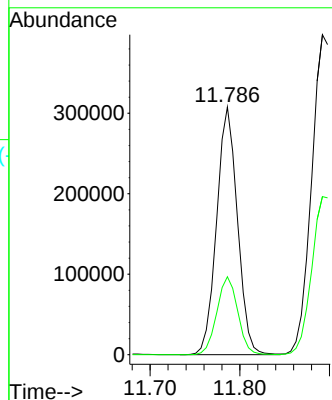
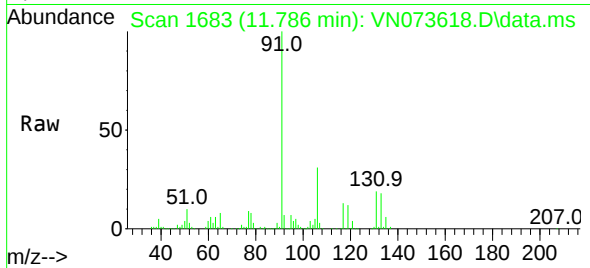
#67
Ethyl Benzene
Concen: 25.251 ug/l
RT: 11.786 min Scan# 110
Delta R.T. -0.000 min
Lab File: VN073618.D
Acq: 28 Jul 2022 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 495452
Ion Ratio Lower Upper
91 100
106 31.5 24.9 37.3

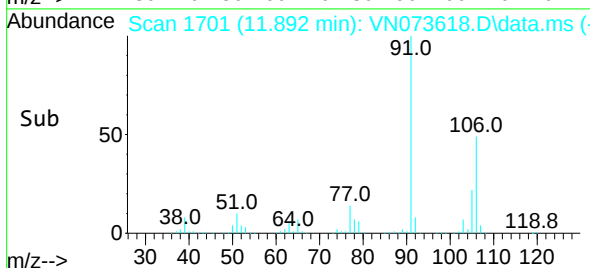
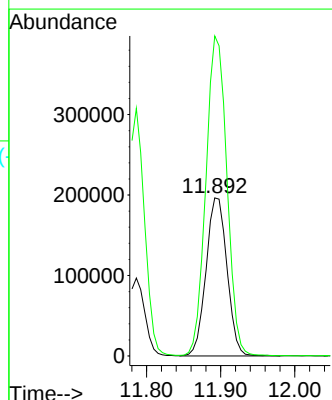
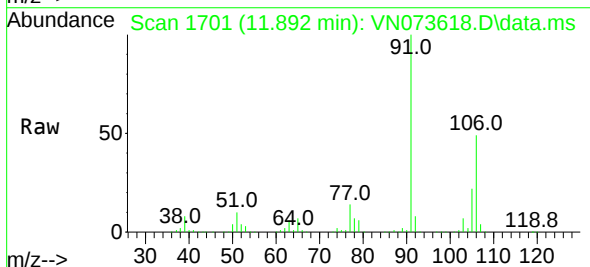
Manual Integrations
APPROVED

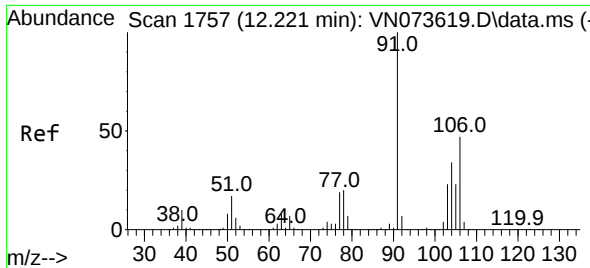
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#68
m/p-Xylenes
Concen: 51.384 ug/l
RT: 11.892 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN073618.D
Acq: 28 Jul 2022 11:44

Tgt Ion:106 Resp: 386697
Ion Ratio Lower Upper
106 100
91 202.2 158.9 238.3





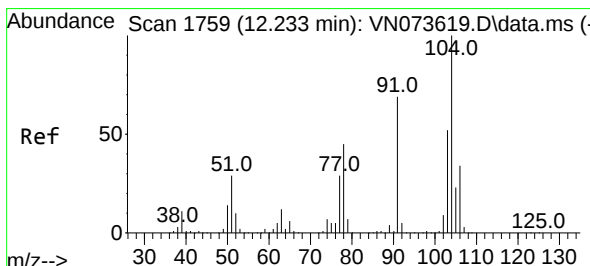
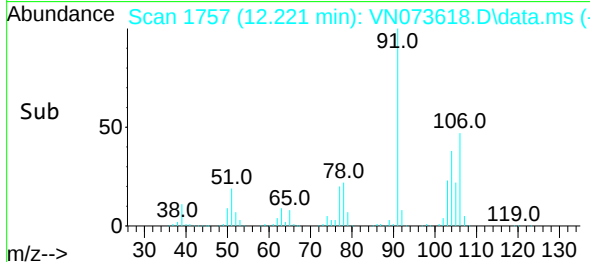
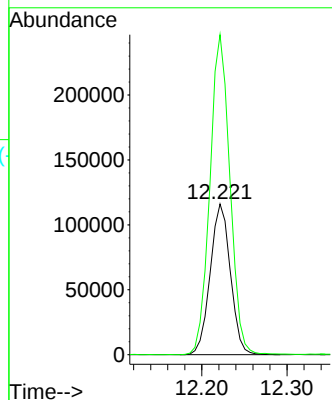
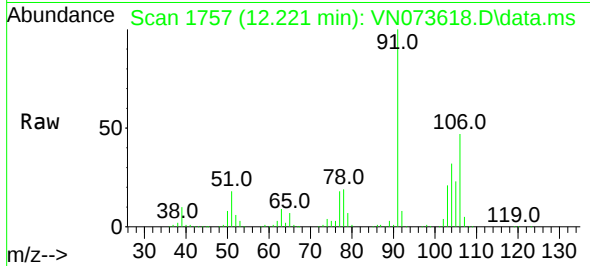
#69
o-Xylene
Concen: 26.200 ug/l
RT: 12.221 min Scan# 1757
Delta R.T. -0.000 min
Lab File: VN073618.D
Acq: 28 Jul 2022 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 191339
Ion Ratio Lower Upper
106 100
91 211.1 106.0 318.0

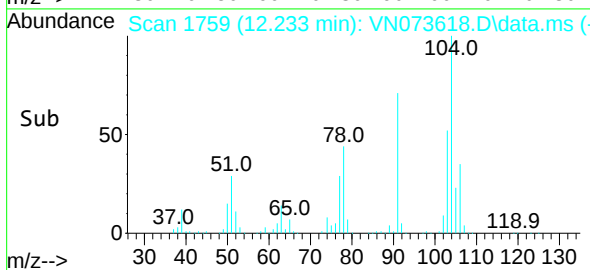
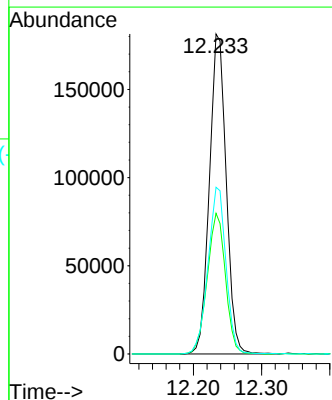
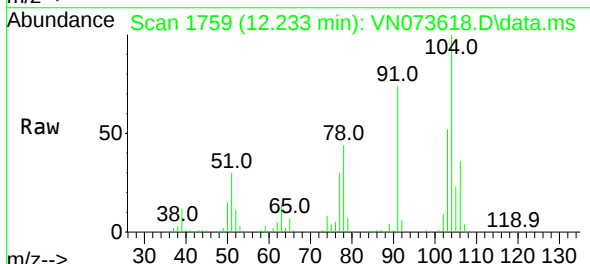
Manual Integrations
APPROVED

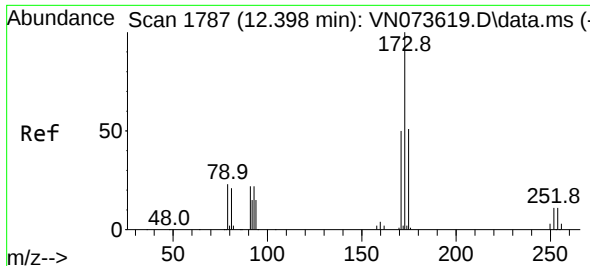
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#70
Styrene
Concen: 26.652 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN073618.D
Acq: 28 Jul 2022 11:44

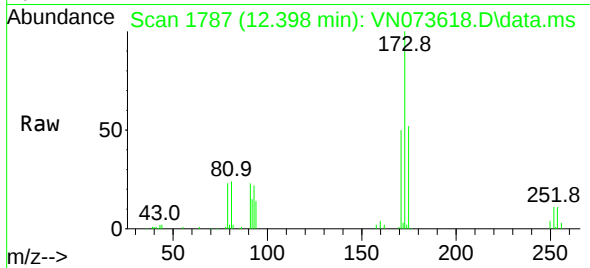
Tgt Ion:104 Resp: 311395
Ion Ratio Lower Upper
104 100
78 47.6 39.5 59.3
103 55.9 44.0 66.0





#71
Bromoform
Concen: 25.426 ug/l
RT: 12.398 min Scan# 1787
Delta R.T. -0.000 min
Lab File: VN073618.D
Acq: 28 Jul 2022 11:44

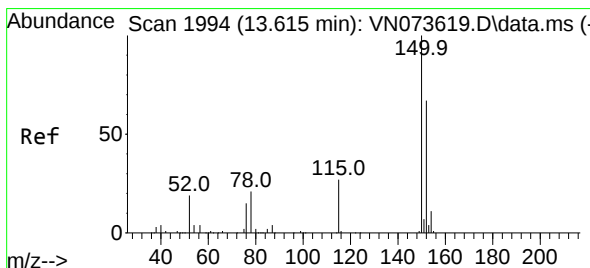
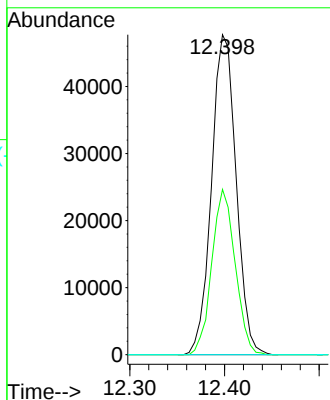
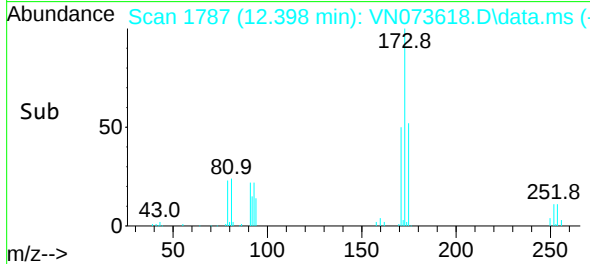
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:173 Resp: 86110
Ion Ratio Lower Upper
173 100
175 49.0 24.6 73.6
254 0.0 0.1 0.1

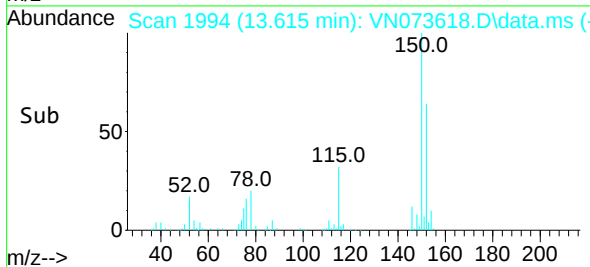
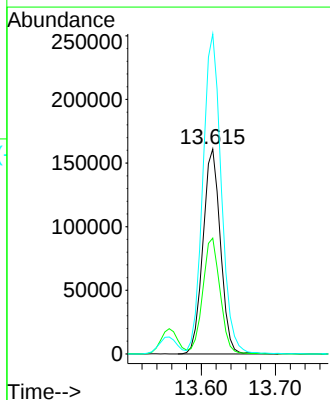
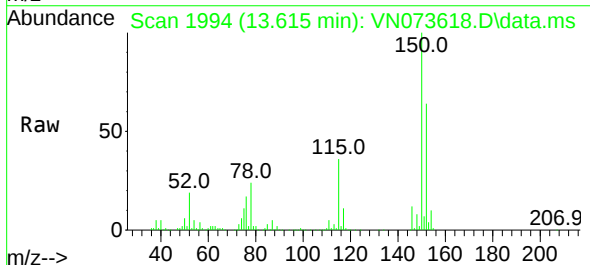
Manual Integrations
APPROVED

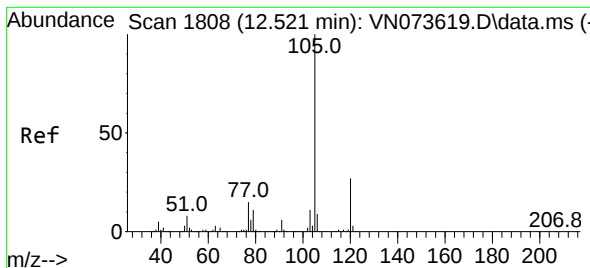
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. -0.000 min
Lab File: VN073618.D
Acq: 28 Jul 2022 11:44

Tgt Ion:152 Resp: 263187
Ion Ratio Lower Upper
152 100
115 56.4 28.9 86.7
150 164.6 0.0 356.2





#73

Isopropylbenzene

Concen: 25.034 ug/l

RT: 12.521 min Scan# 1808

Delta R.T. -0.000 min

Lab File: VN073618.D

Acq: 28 Jul 2022 11:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion:105 Resp: 484169

Ion Ratio Lower Upper

105 100

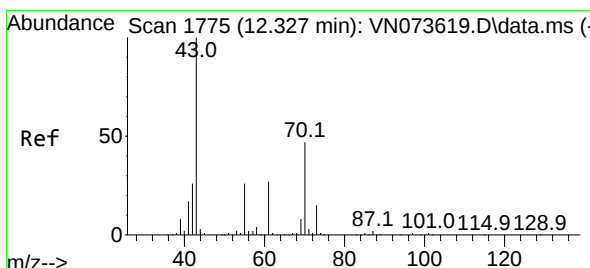
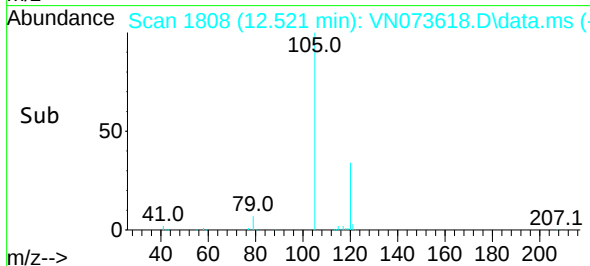
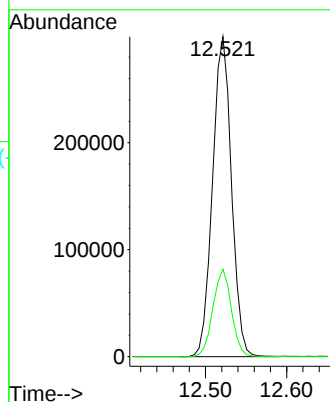
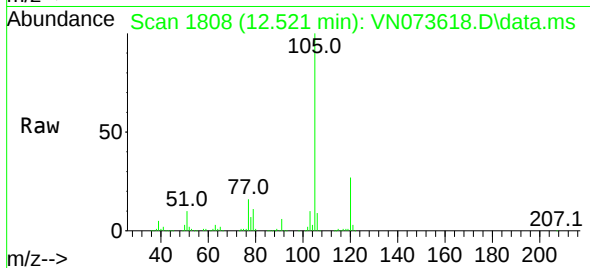
120 26.6 13.5 40.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/29/2022

Supervised By :Mahesh Dadoda 07/29/2022



#74

N-ethyl acetate

Concen: 24.998 ug/l

RT: 12.333 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VN073618.D

Acq: 28 Jul 2022 11:44

Tgt Ion: 43 Resp: 181355

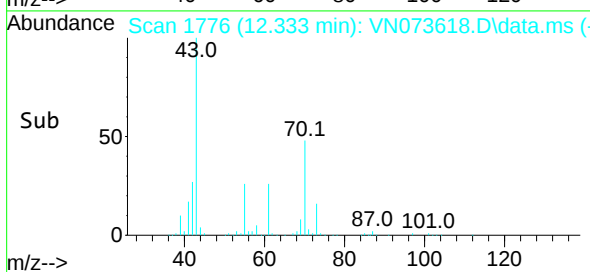
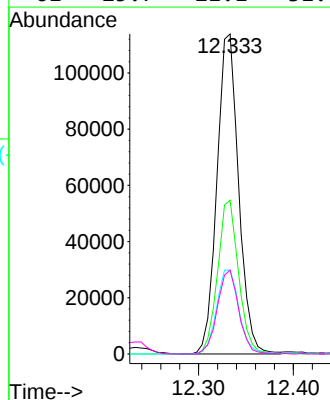
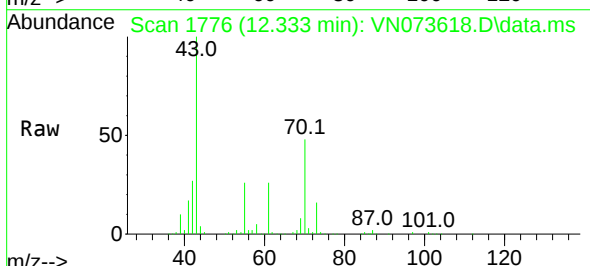
Ion Ratio Lower Upper

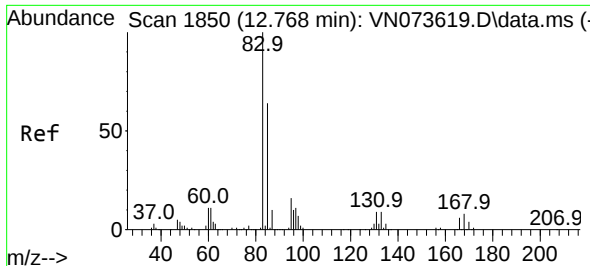
43 100

70 46.4 39.0 58.4

55 27.3 21.1 31.7

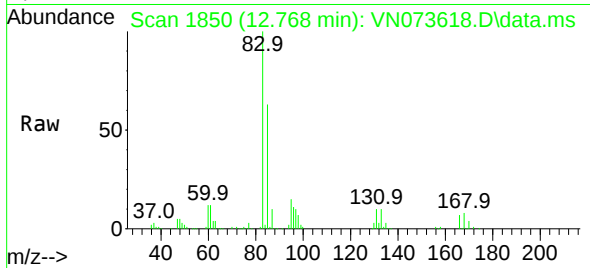
61 25.7 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 23.390 ug/l
RT: 12.768 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VN073618.D
Acq: 28 Jul 2022 11:44

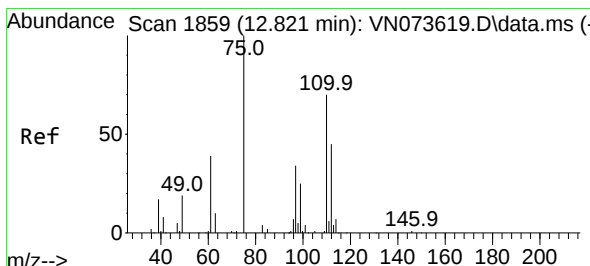
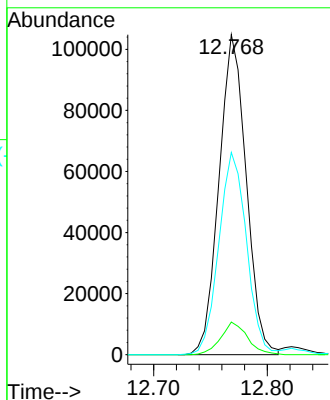
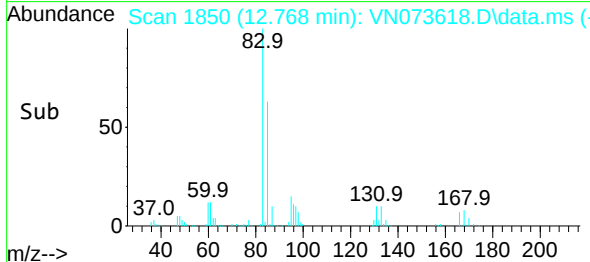
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 83 Resp: 17432
Ion Ratio Lower Upper
83 100
131 10.0 5.3 15.9
85 64.4 32.3 96.9

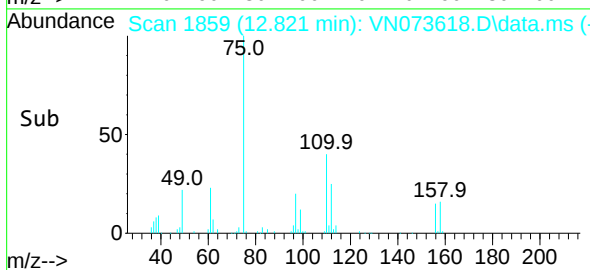
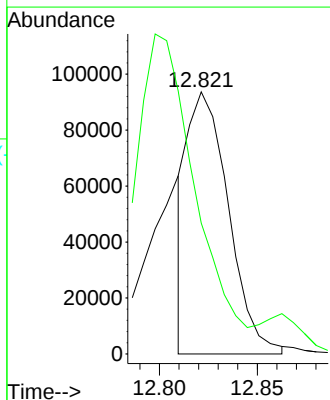
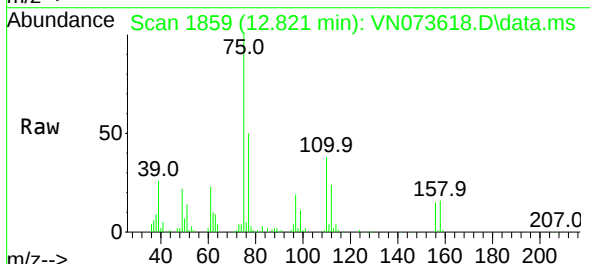
Manual Integrations
APPROVED

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



#76
1,2,3-Trichloropropane
Concen: 21.934 ug/l m
RT: 12.821 min Scan# 1859
Delta R.T. -0.000 min
Lab File: VN073618.D
Acq: 28 Jul 2022 11:44

Tgt Ion: 75 Resp: 136784
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5#





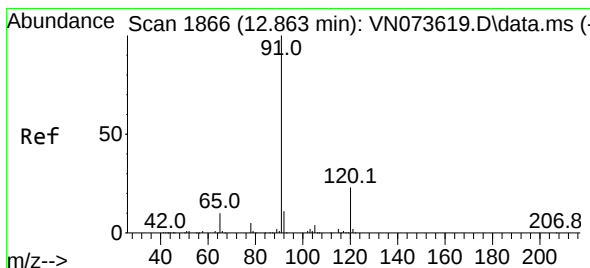
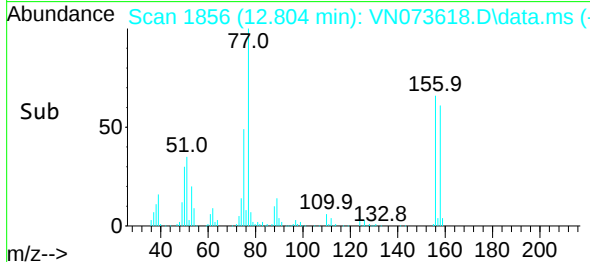
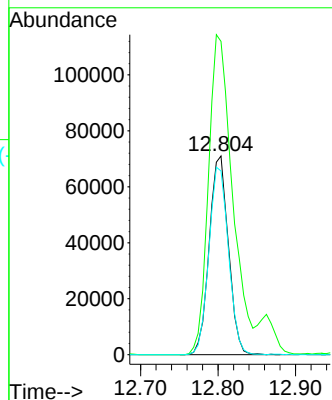
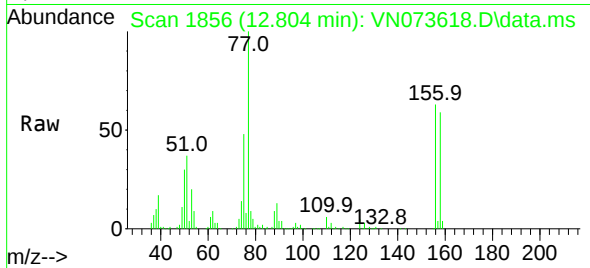
#77
Bromobenzene
Concen: 24.447 ug/l
RT: 12.804 min Scan# 1855
Delta R.T. 0.006 min
Lab File: VN073618.D
Acq: 28 Jul 2022 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:156 Resp: 12215
Ion Ratio Lower Upper
156 100
77 200.2 100.5 301.5
158 96.4 48.9 146.6

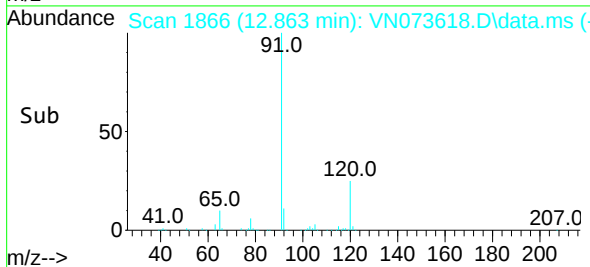
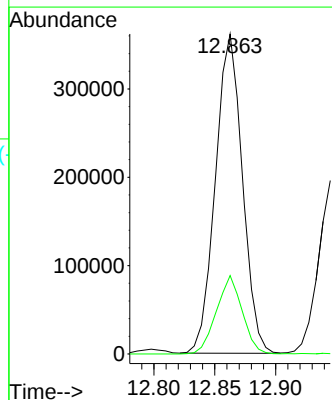
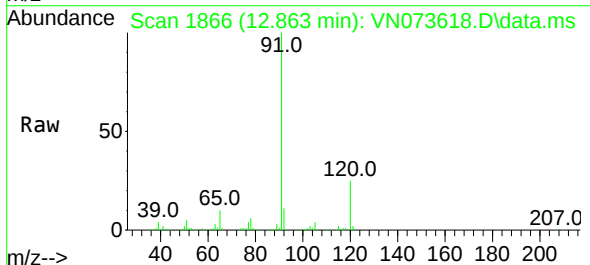
Manual Integrations
APPROVED

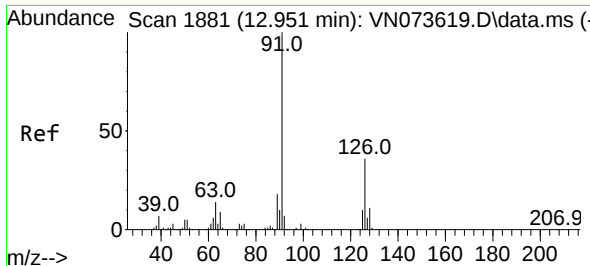
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#78
n-propylbenzene
Concen: 25.962 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VN073618.D
Acq: 28 Jul 2022 11:44

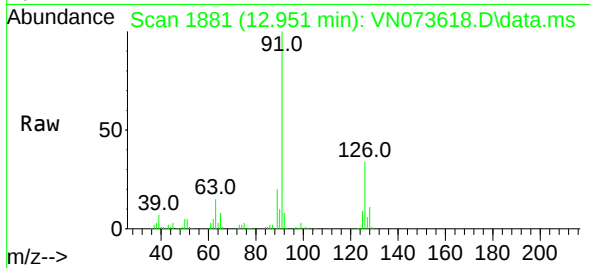
Tgt Ion: 91 Resp: 557056
Ion Ratio Lower Upper
91 100
120 23.4 11.9 35.5





#79
2-Chlorotoluene
Concen: 25.079 ug/l
RT: 12.951 min Scan# 1881
Delta R.T. -0.000 min
Lab File: VN073618.D
Acq: 28 Jul 2022 11:44

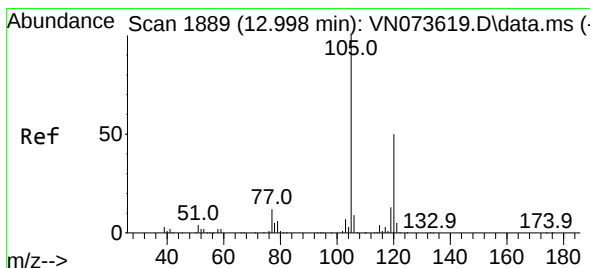
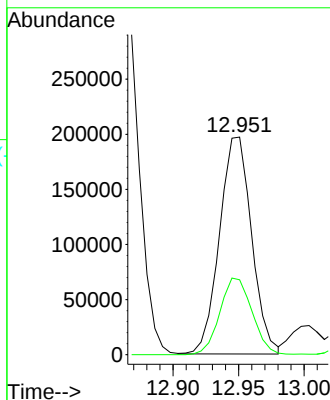
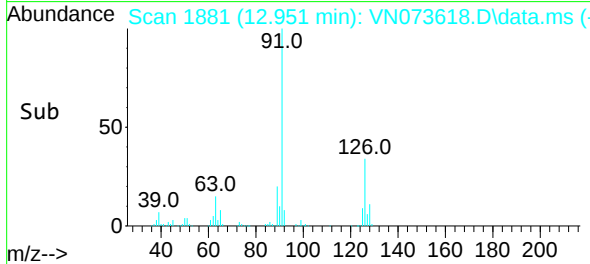
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 91 Resp: 33619
Ion Ratio Lower Upper
91 100
126 35.5 17.3 51.9

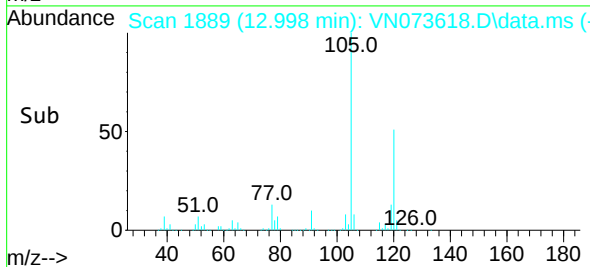
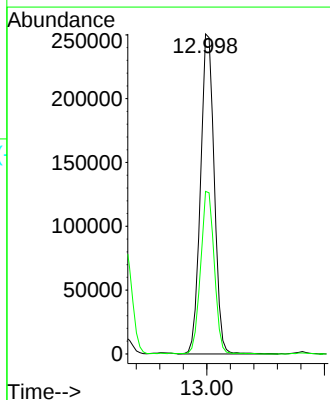
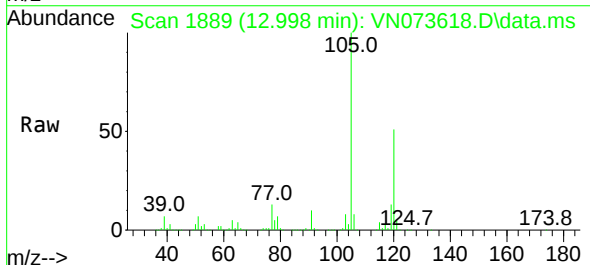
Manual Integrations
APPROVED

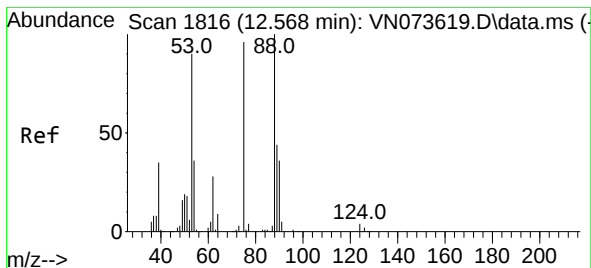
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022



#80
1,3,5-Trimethylbenzene
Concen: 25.900 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN073618.D
Acq: 28 Jul 2022 11:44

Tgt Ion:105 Resp: 407816
Ion Ratio Lower Upper
105 100
120 50.7 24.9 74.7





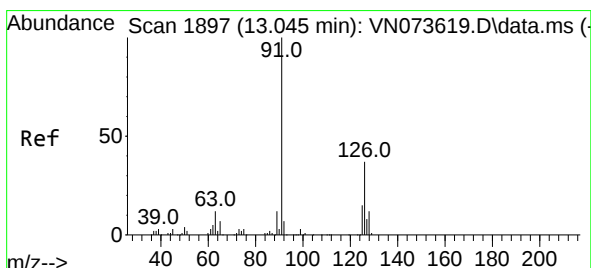
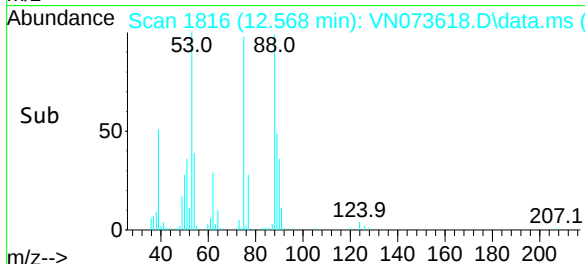
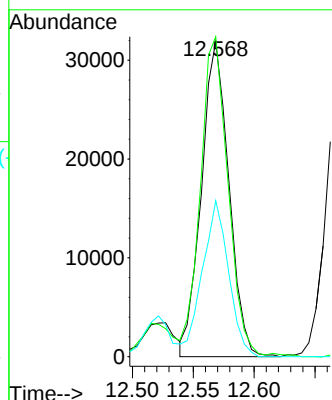
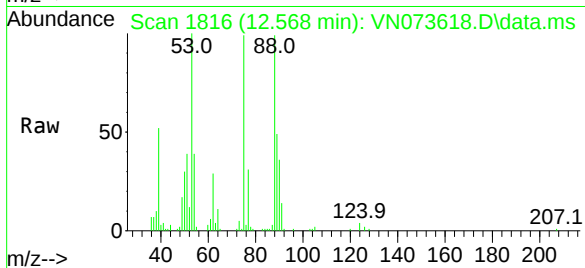
#81
trans-1,4-Dichloro-2-butene
Concen: 24.627 ug/l
RT: 12.568 min Scan# 1816
Delta R.T. -0.000 min
Lab File: VN073618.D
Acq: 28 Jul 2022 11:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 75 Resp: 5001
Ion Ratio Lower Upper
75 100
53 100.5 78.0 117.0
89 47.4 37.2 55.8

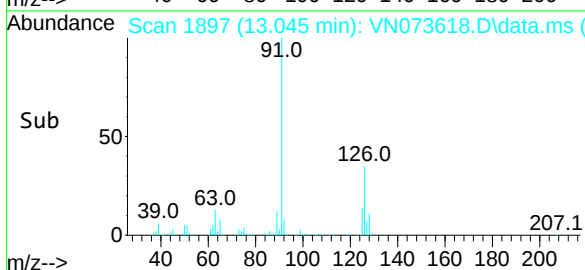
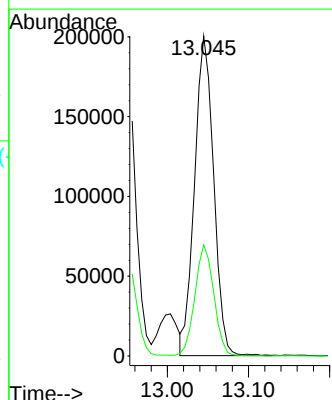
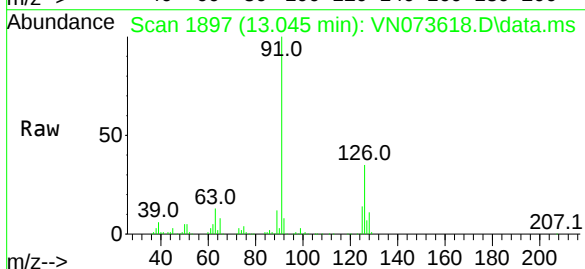
Manual Integrations
APPROVED

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



#82
4-Chlorotoluene
Concen: 25.505 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. -0.000 min
Lab File: VN073618.D
Acq: 28 Jul 2022 11:44

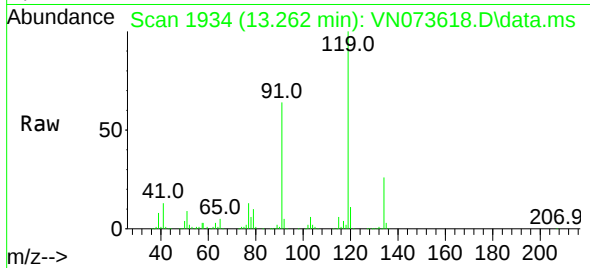
Tgt Ion: 91 Resp: 327418
Ion Ratio Lower Upper
91 100
126 34.6 17.2 51.6





#83
tert-Butylbenzene
Concen: 26.017 ug/l
RT: 13.262 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN073618.D
Acq: 28 Jul 2022 11:44

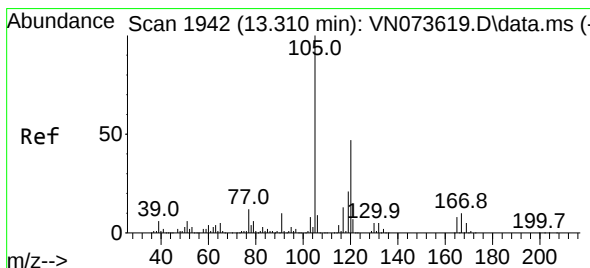
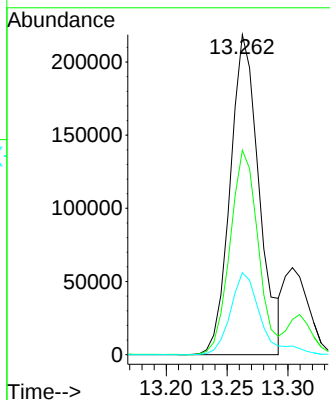
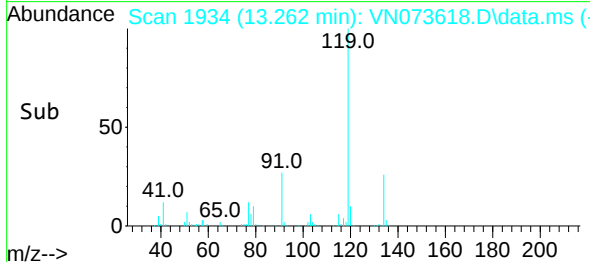
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



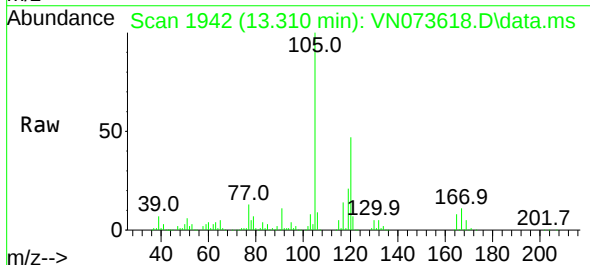
Tgt Ion:119 Resp: 361609
Ion Ratio Lower Upper
119 100
91 62.1 31.6 94.8
134 26.8 13.7 41.1

Manual Integrations
APPROVED

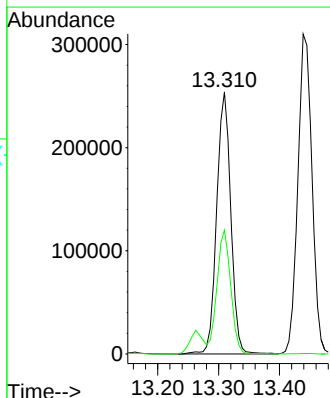
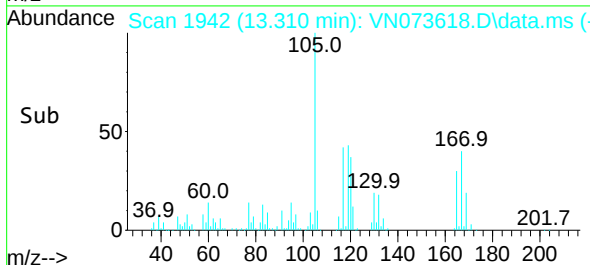
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

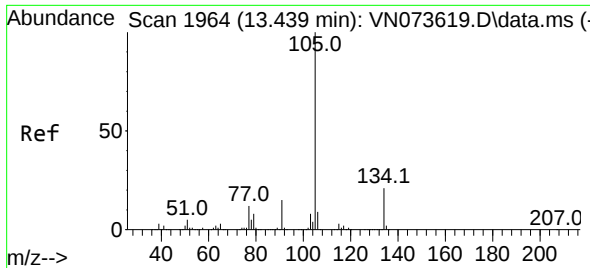


#84
1,2,4-Trimethylbenzene
Concen: 26.485 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. -0.000 min
Lab File: VN073618.D
Acq: 28 Jul 2022 11:44



Tgt Ion:105 Resp: 409080
Ion Ratio Lower Upper
105 100
120 46.2 23.3 69.8





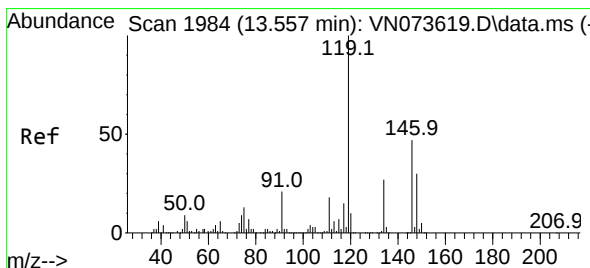
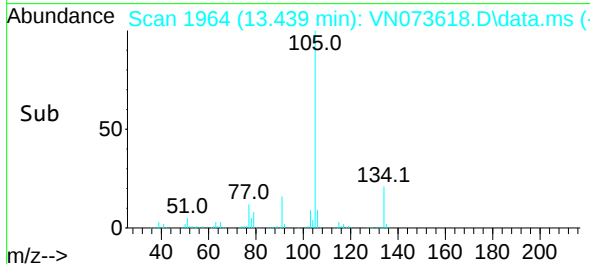
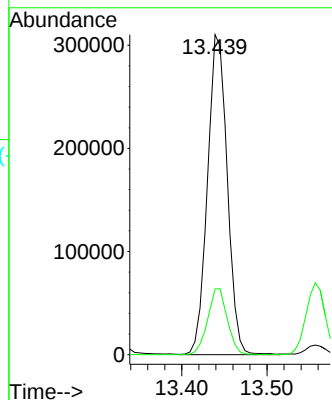
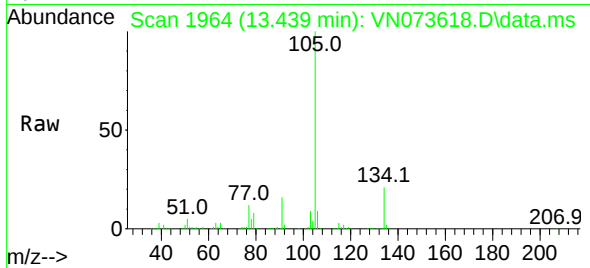
#85
 sec-Butylbenzene
 Concen: 26.167 ug/l
 RT: 13.439 min Scan# 1964
 Delta R.T. -0.000 min
 Lab File: VN073618.D
 Acq: 28 Jul 2022 11:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tgt Ion:105 Resp: 50120
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.4 31.1

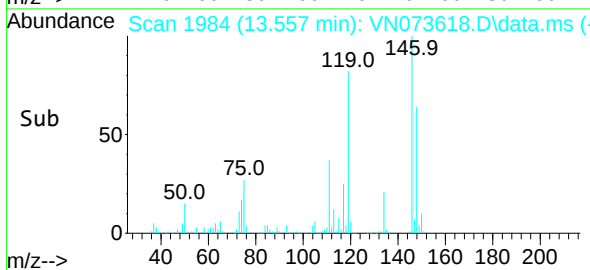
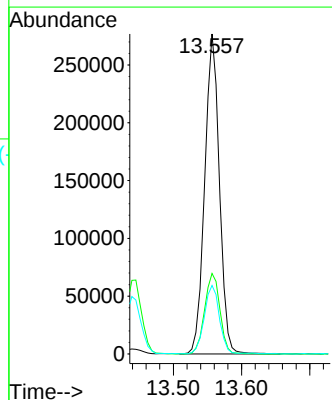
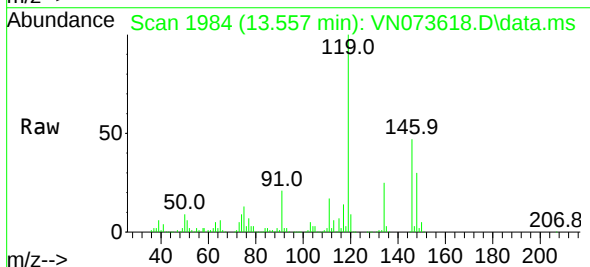
Manual Integrations
 APPROVED

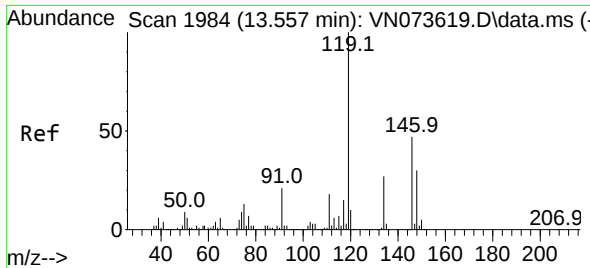
Reviewed By :John Carlone 07/29/2022
 Supervised By :Mahesh Dadoda 07/29/2022



#86
 p-Isopropyltoluene
 Concen: 27.391 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: VN073618.D
 Acq: 28 Jul 2022 11:44

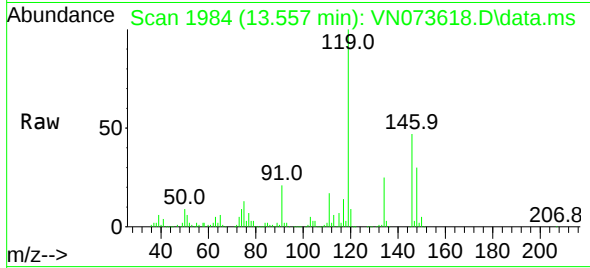
Tgt Ion:119 Resp: 414637
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.3 39.8
 91 21.8 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 24.222 ug/l
RT: 13.557 min Scan# 1984
Delta R.T. -0.000 min
Lab File: VN073618.D
Acq: 28 Jul 2022 11:44

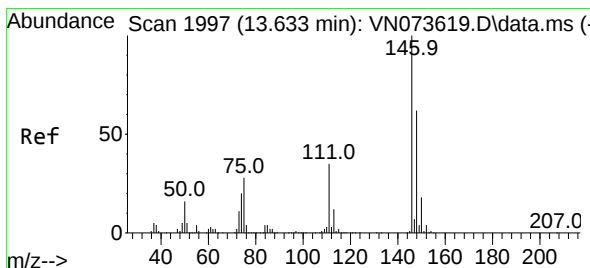
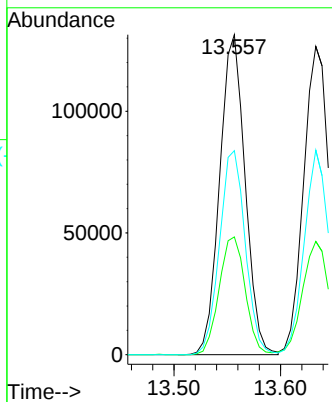
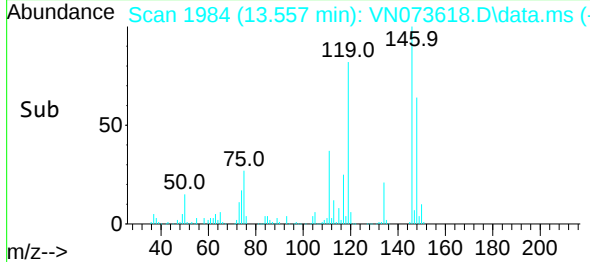
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



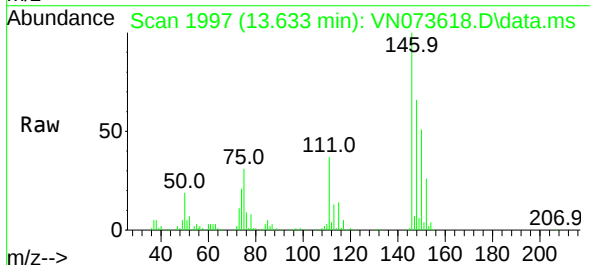
Tgt Ion:146 Resp: 217724
Ion Ratio Lower Upper
146 100
111 37.8 20.0 60.0
148 64.7 32.0 96.0

Manual Integrations
APPROVED

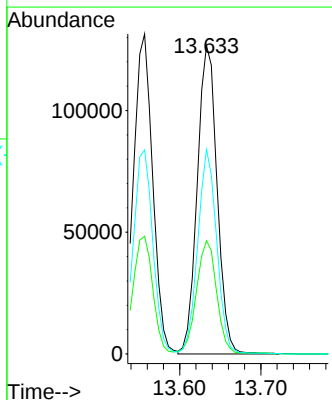
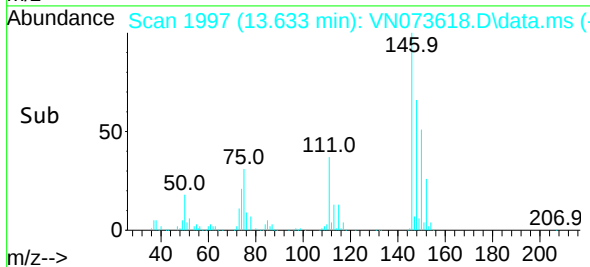
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

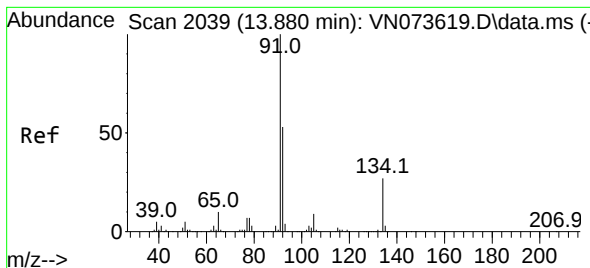


#88
1,4-Dichlorobenzene
Concen: 23.502 ug/l
RT: 13.633 min Scan# 1997
Delta R.T. -0.000 min
Lab File: VN073618.D
Acq: 28 Jul 2022 11:44



Tgt Ion:146 Resp: 215532
Ion Ratio Lower Upper
146 100
111 36.9 19.1 57.1
148 63.5 31.4 94.3





#89

n-Butylbenzene

Concen: 24.947 ug/l

RT: 13.886 min Scan# 2039

Delta R.T. 0.006 min

Lab File: VN073618.D

Acq: 28 Jul 2022 11:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

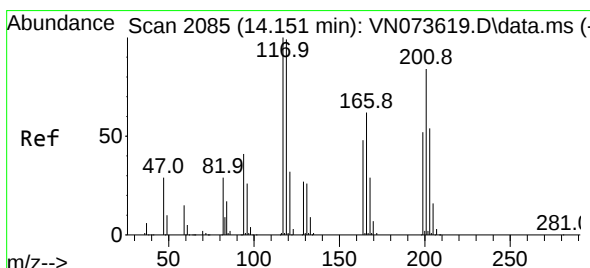
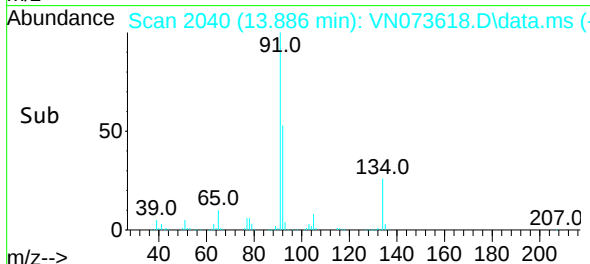
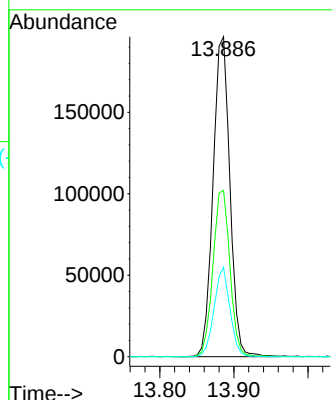
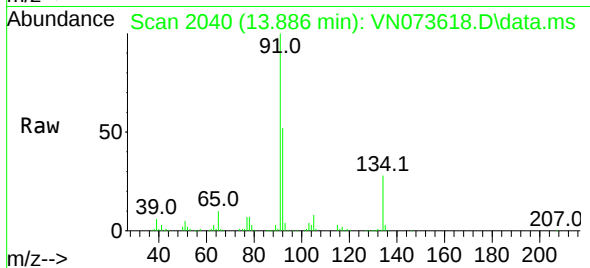
Tgt Ion:	91	Resp:	309750
Ion Ratio	Lower	Upper	
91	100		
92	52.6	26.9	80.7
134	26.3	13.6	40.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/29/2022

Supervised By :Mahesh Dadoda 07/29/2022



#90

Hexachloroethane

Concen: 23.764 ug/l

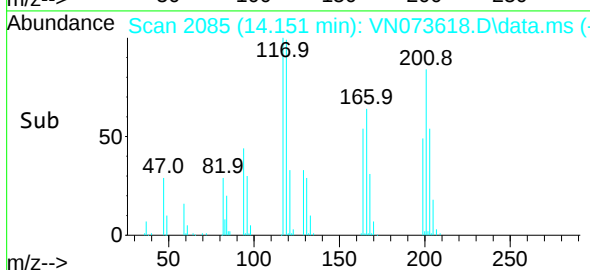
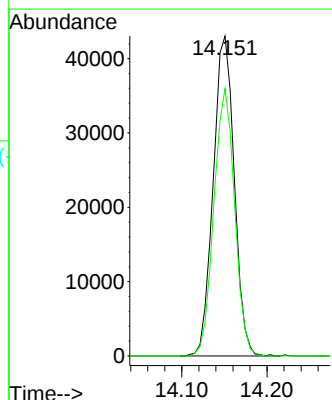
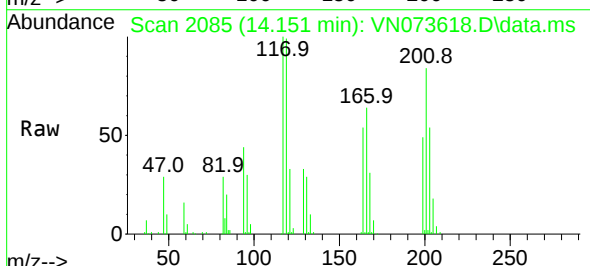
RT: 14.151 min Scan# 2085

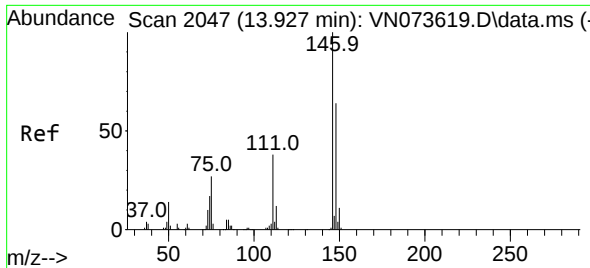
Delta R.T. -0.000 min

Lab File: VN073618.D

Acq: 28 Jul 2022 11:44

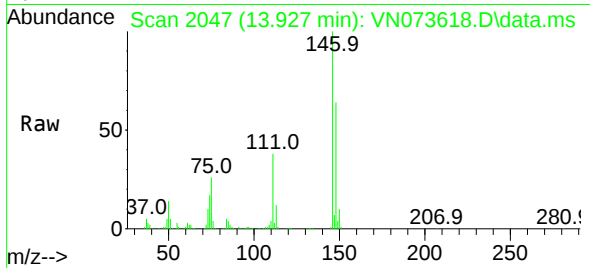
Tgt Ion:	117	Resp:	73801
Ion Ratio	Lower	Upper	
117	100		
201	82.6	40.6	122.0





#91
1,2-Dichlorobenzene
Concen: 24.496 ug/l
RT: 13.927 min Scan# 2047
Delta R.T. -0.000 min
Lab File: VN073618.D
Acq: 28 Jul 2022 11:44

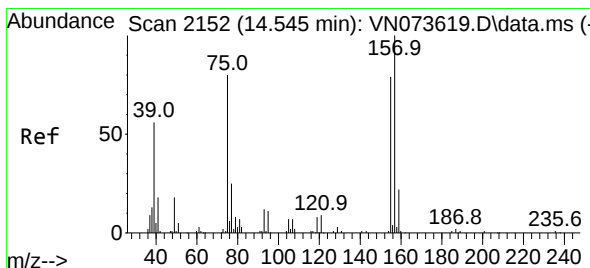
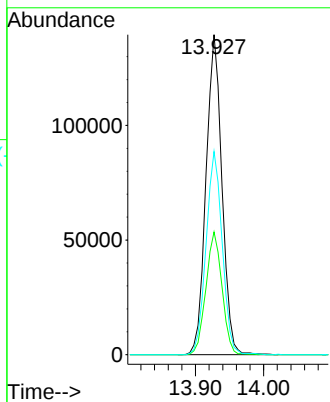
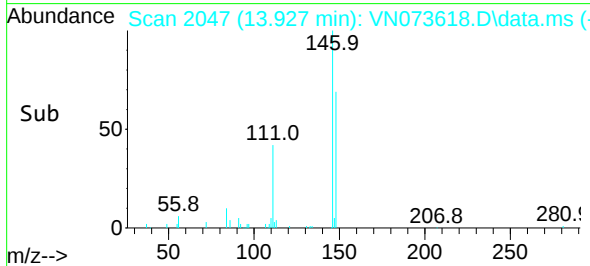
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



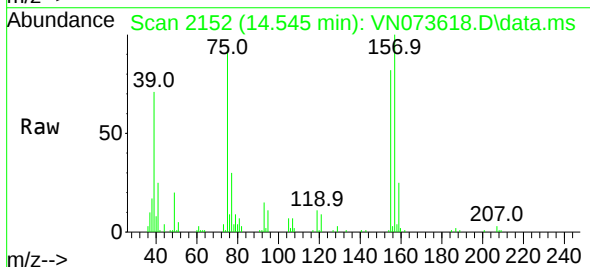
Tgt Ion:146 Resp: 22694
Ion Ratio Lower Upper
146 100
111 38.7 20.9 62.8
148 64.5 32.1 96.3

Manual Integrations
APPROVED

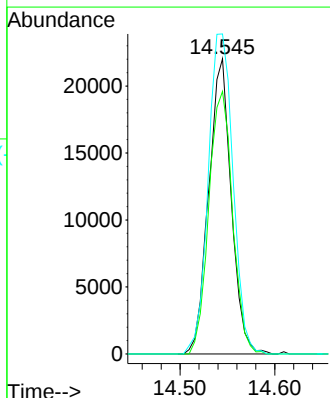
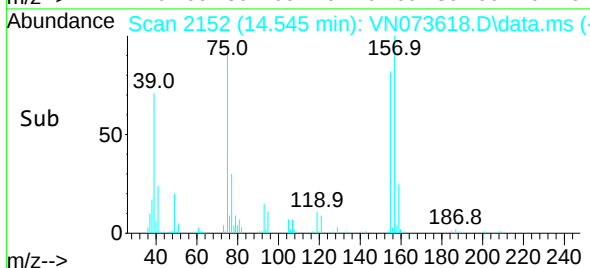
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

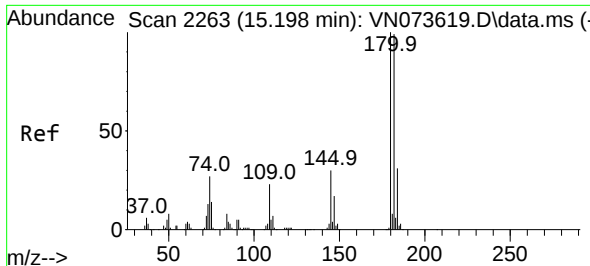


#92
1,2-Dibromo-3-Chloropropane
Concen: 24.883 ug/l
RT: 14.545 min Scan# 2152
Delta R.T. -0.000 min
Lab File: VN073618.D
Acq: 28 Jul 2022 11:44



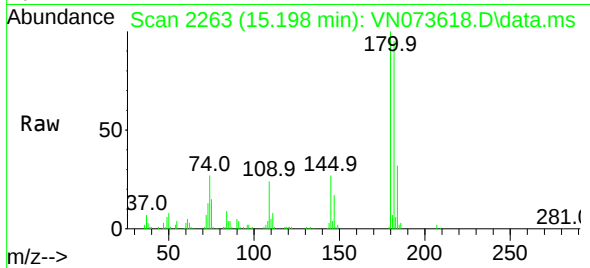
Tgt Ion: 75 Resp: 36544
Ion Ratio Lower Upper
75 100
155 93.0 44.9 134.5
157 119.2 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 24.153 ug/l
RT: 15.198 min Scan# 2263
Delta R.T. -0.000 min
Lab File: VN073618.D
Acq: 28 Jul 2022 11:44

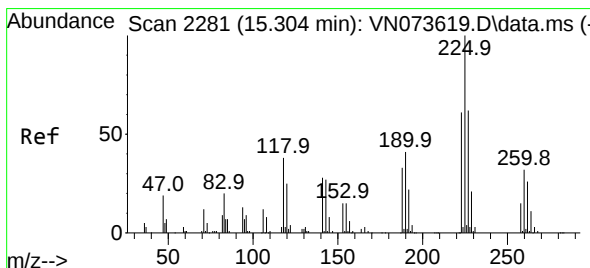
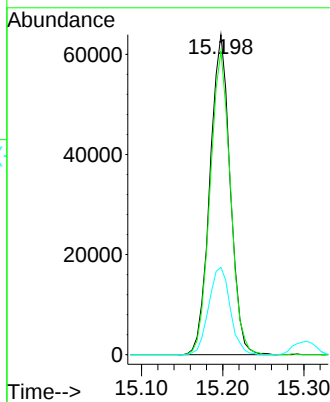
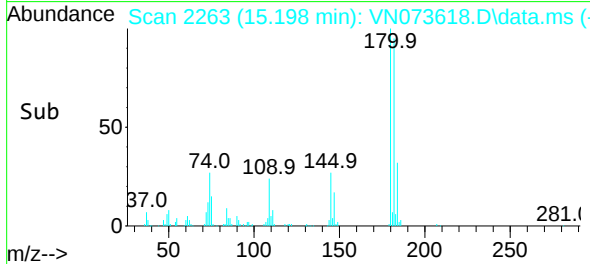
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



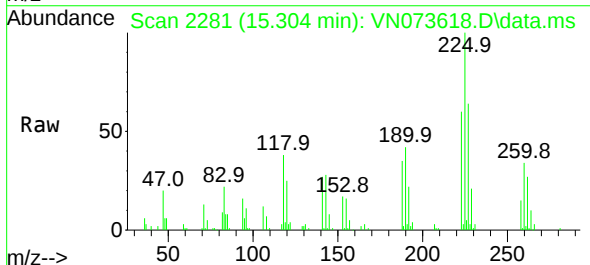
Tgt Ion:180 Resp: 11061
Ion Ratio Lower Upper
180 100
182 94.9 47.5 142.5
145 28.9 14.5 43.5

Manual Integrations
APPROVED

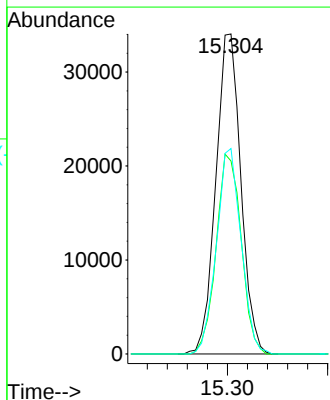
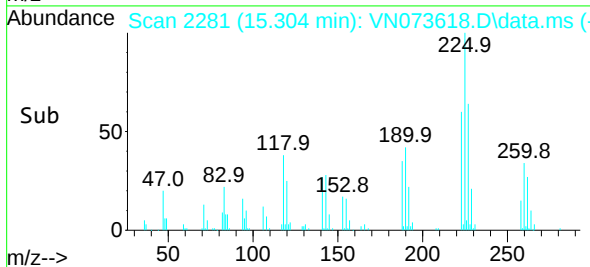
Reviewed By :John Carlone 07/29/2022
Supervised By :Mahesh Dadoda 07/29/2022

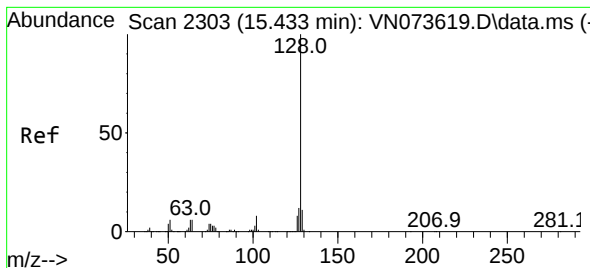


#94
Hexachlorobutadiene
Concen: 23.642 ug/l
RT: 15.304 min Scan# 2281
Delta R.T. -0.000 min
Lab File: VN073618.D
Acq: 28 Jul 2022 11:44



Tgt Ion:225 Resp: 58973
Ion Ratio Lower Upper
225 100
223 62.5 32.4 97.2
227 63.2 31.8 95.4





#95

Naphthalene

Concen: 26.136 ug/l

RT: 15.439 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN073618.D

Acq: 28 Jul 2022 11:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion:128 Resp: 389269

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

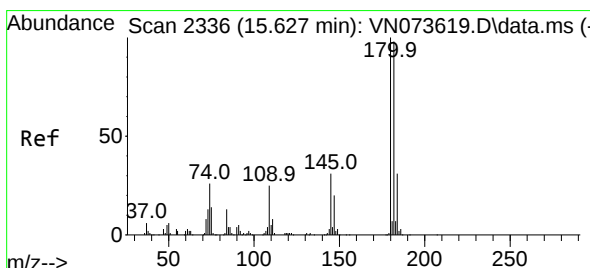
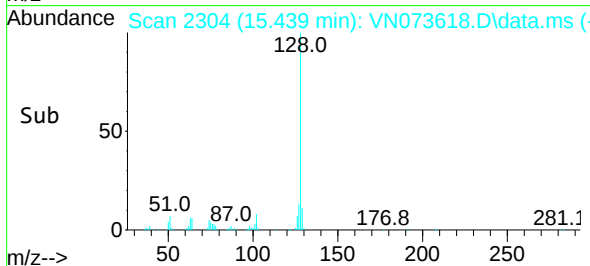
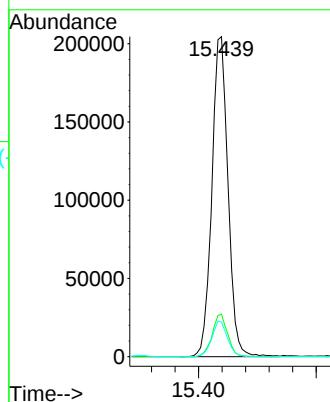
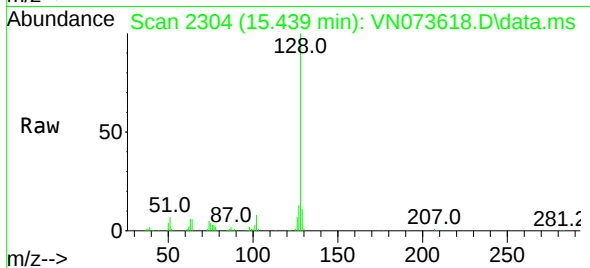
129 10.8 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/29/2022

Supervised By :Mahesh Dadoda 07/29/2022



#96

1,2,3-Trichlorobenzene

Concen: 24.717 ug/l

RT: 15.627 min Scan# 2336

Delta R.T. -0.000 min

Lab File: VN073618.D

Acq: 28 Jul 2022 11:44

Tgt Ion:180 Resp: 118445

Ion Ratio Lower Upper

180 100

182 97.6 47.8 143.3

145 29.7 15.5 46.5

