

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091522\
 Data File : VN074455.D
 Acq On : 15 Sep 2022 11:24
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Quant Time: Sep 15 19:07:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 19:05:53 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/16/2022
 Supervised By : Mahesh Dadoda 09/16/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	403368	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	793917	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	708402	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	299074	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	137506	24.320	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	48.640%#		
35) Dibromofluoromethane	7.951	113	105406	21.295	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	42.580%#		
50) Toluene-d8	10.380	98	405888	22.055	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	44.100%#		
62) 4-Bromofluorobenzene	12.669	95	139474	21.039	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	42.080%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.040	85	89189	23.518	ug/l	99
3) Chloromethane	2.263	50	148150	31.039	ug/l	98
4) Vinyl Chloride	2.405	62	159271	39.943	ug/l	99
5) Bromomethane	2.781	94	84408	46.142	ug/l	89
6) Chloroethane	2.946	64	107151	41.719	ug/l #	88
7) Trichlorofluoromethane	3.304	101	174709	29.049	ug/l	97
8) Diethyl Ether	3.757	74	88349	28.931	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.140	101	110133	27.365	ug/l	91
10) Methyl Iodide	4.346	142	131764	27.717	ug/l	94
11) Tert butyl alcohol	5.287	59	223066	148.751	ug/l #	87
12) 1,1-Dichloroethene	4.110	96	105778	26.415	ug/l	98
13) Acrolein	3.981	56	80226	133.800	ug/l	95
14) Allyl chloride	4.751	41	251206	28.647	ug/l	94
15) Acrylonitrile	5.463	53	513032	148.178	ug/l	100
16) Acetone	4.216	43	423161	134.716	ug/l	98
17) Carbon Disulfide	4.451	76	283069	27.235	ug/l	98
18) Methyl Acetate	4.769	43	283987	32.704	ug/l	90
19) Methyl tert-butyl Ether	5.534	73	461090	30.007	ug/l	97
20) Methylene Chloride	5.004	84	140021	26.485	ug/l	87
21) trans-1,2-Dichloroethene	5.516	96	116808	26.564	ug/l	97
22) Diisopropyl ether	6.404	45	514997	30.986	ug/l	94
23) Vinyl Acetate	6.345	43	2318933	151.867	ug/l #	92
24) 1,1-Dichloroethane	6.304	63	256070	29.820	ug/l	98
25) 2-Butanone	7.257	43	746193	147.187	ug/l	91
26) 2,2-Dichloropropane	7.245	77	221132	28.861	ug/l	98
27) cis-1,2-Dichloroethene	7.251	96	139528	26.355	ug/l	82
28) Bromochloromethane	7.581	49	78877	23.781	ug/l #	69
29) Tetrahydrofuran	7.604	42	496810	147.831	ug/l	89
30) Chloroform	7.745	83	242899	28.307	ug/l	94
31) Cyclohexane	8.022	56	241918	29.880	ug/l	91
32) 1,1,1-Trichloroethane	7.939	97	208123	27.898	ug/l	96
36) 1,1-Dichloropropene	8.145	75	177252	25.615	ug/l	96
37) Ethyl Acetate	7.334	43	282657	25.366	ug/l	98
38) Carbon Tetrachloride	8.134	117	172850	24.231	ug/l	94
39) Methylcyclohexane	9.392	83	219865	26.204	ug/l #	88
40) Benzene	8.386	78	567644	26.019	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	155352	29.477	ug/l #	82
42) 1,2-Dichloroethane	8.457	62	195510	25.427	ug/l	98
43) Isopropyl Acetate	8.492	43	456089	28.411	ug/l #	92
44) Trichloroethene	9.151	130	118107	22.158	ug/l	83
45) 1,2-Dichloropropane	9.428	63	157141	27.817	ug/l	99
46) Dibromomethane	9.510	93	96599	25.769	ug/l #	84
47) Bromodichloromethane	9.698	83	192170	25.794	ug/l	93
48) Methyl methacrylate	9.498	41	205837	28.337	ug/l	88
49) 1,4-Dioxane	9.504	88	78484	492.620	ug/l #	95
51) 4-Methyl-2-Pentanone	10.269	43	1491642	141.327	ug/l	91
52) Toluene	10.445	92	348079	26.097	ug/l	99
53) t-1,3-Dichloropropene	10.663	75	225603	27.775	ug/l	95
54) cis-1,3-Dichloropropene	10.128	75	238784	26.958	ug/l #	89
55) 1,1,2-Trichloroethane	10.839	97	139904	24.081	ug/l	90
56) Ethyl methacrylate	10.704	69	259399	27.439	ug/l #	85
57) 1,3-Dichloropropane	10.986	76	250890	25.784	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	548966	131.703	ug/l	90
59) 2-Hexanone	11.028	43	1137883	139.734	ug/l	91
60) Dibromochloromethane	11.180	129	137904	25.355	ug/l	99
61) 1,2-Dibromoethane	11.286	107	135682	23.795	ug/l	98
64) Tetrachloroethene	10.916	164	91487	21.169	ug/l	92
65) Chlorobenzene	11.710	112	348529	24.540	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.780	131	125963	23.497	ug/l	95
67) Ethyl Benzene	11.786	91	659429	26.096	ug/l	99
68) m/p-Xylenes	11.892	106	496265	50.305	ug/l	96
69) o-Xylene	12.222	106	251520	25.447	ug/l	98
70) Styrene	12.233	104	410333	25.769	ug/l	97
71) Bromoform	12.398	173	95324	23.716	ug/l #	98
73) Isopropylbenzene	12.522	105	629230	26.354	ug/l	99
74) N-amyl acetate	12.327	43	382999	30.041	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.769	83	243126	27.880	ug/l	99
76) 1,2,3-Trichloropropane	12.822	75	184553m	24.589	ug/l	
77) Bromobenzene	12.804	156	129784	23.291	ug/l	71
78) n-propylbenzene	12.863	91	740628	27.762	ug/l	96
79) 2-Chlorotoluene	12.945	91	440625	25.880	ug/l	97
80) 1,3,5-Trimethylbenzene	13.004	105	522664	26.683	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.569	75	88911	30.678	ug/l	95
82) 4-Chlorotoluene	13.045	91	414440	25.754	ug/l	98
83) tert-Butylbenzene	13.263	119	457268	25.607	ug/l	95
84) 1,2,4-Trimethylbenzene	13.310	105	515165	26.375	ug/l	98
85) sec-Butylbenzene	13.445	105	632932	26.257	ug/l	97
86) p-Isopropyltoluene	13.557	119	492265	25.405	ug/l	96
87) 1,3-Dichlorobenzene	13.557	146	237778	23.576	ug/l	97
88) 1,4-Dichlorobenzene	13.633	146	234599	23.125	ug/l	97
89) n-Butylbenzene	13.886	91	443762	27.514	ug/l	96
90) Hexachloroethane	14.151	117	103054	27.670	ug/l	78
91) 1,2-Dichlorobenzene	13.927	146	250504	23.960	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.545	75	51697	22.548	ug/l	82
93) 1,2,4-Trichlorobenzene	15.198	180	115452	20.435	ug/l	95
94) Hexachlorobutadiene	15.304	225	48777	19.931	ug/l	98
95) Naphthalene	15.439	128	481343	20.721	ug/l	99
96) 1,2,3-Trichlorobenzene	15.633	180	117757	19.451	ug/l	99

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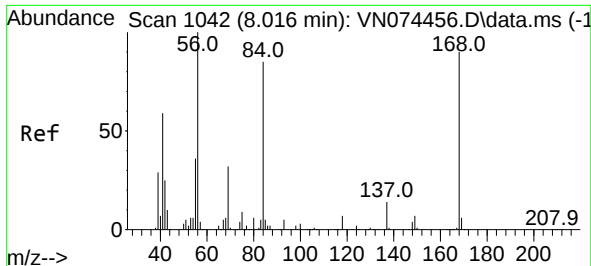
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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Response via : Initial Calibration

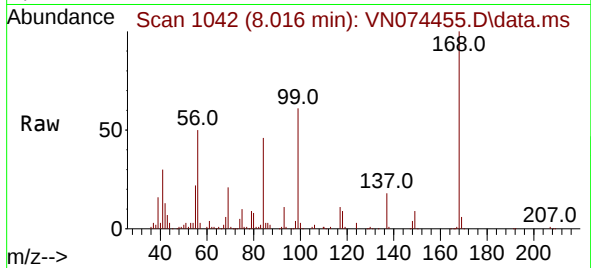
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
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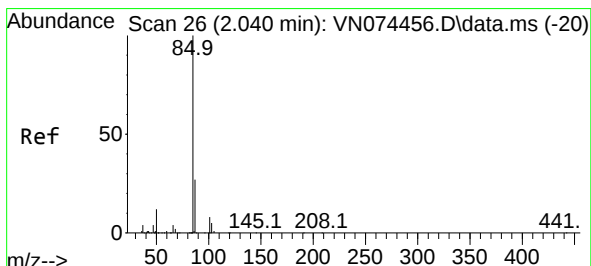
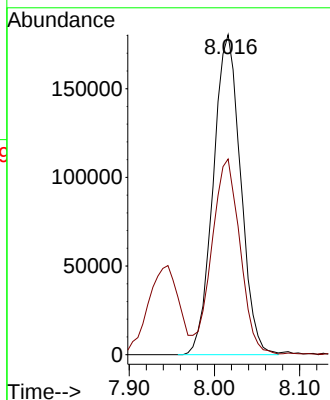
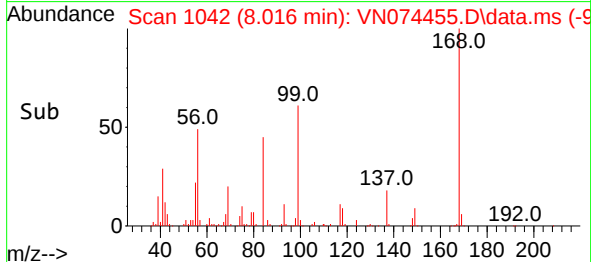
Instrument :
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ClientSampleId :
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Tgt Ion: 168 Resp: 40336
Ion Ratio Lower Upper
168 100
99 60.9 42.3 63.5

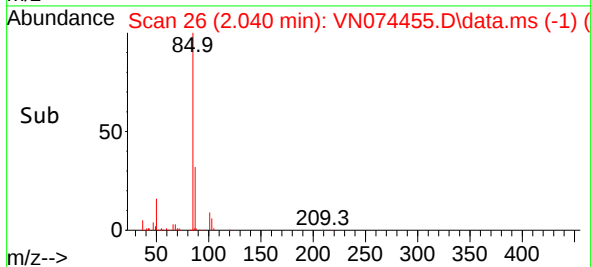
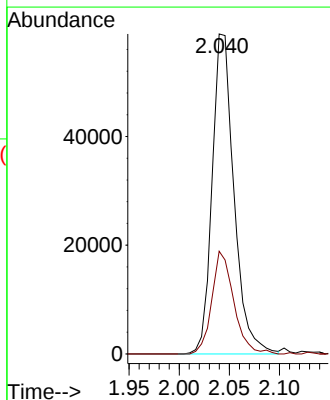
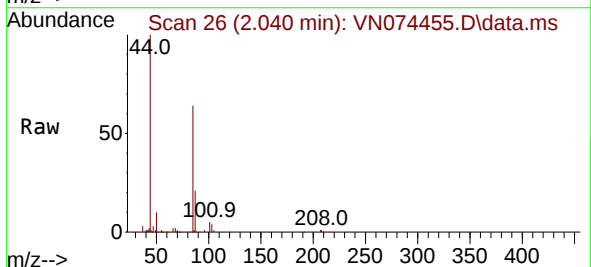
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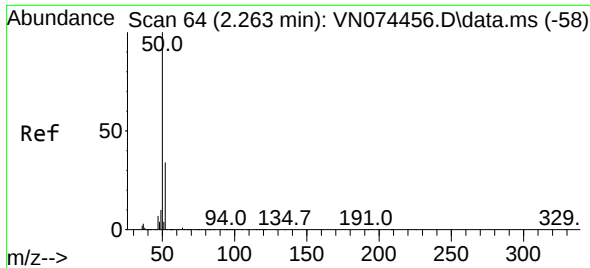
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#2
Dichlorodifluoromethane
Concen: 23.518 ug/l
RT: 2.040 min Scan# 26
Delta R.T. 0.000 min
Lab File: VN074455.D
Acq: 15 Sep 2022 11:24

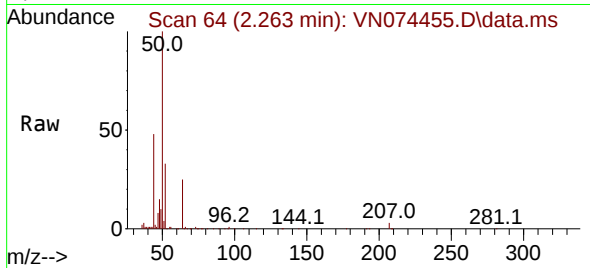
Tgt Ion: 85 Resp: 89189
Ion Ratio Lower Upper
85 100
87 32.1 15.7 47.1





#3
Chloromethane
Concen: 31.039 ug/l
RT: 2.263 min Scan# 64
Delta R.T. 0.000 min
Lab File: VN074455.D
Acq: 15 Sep 2022 11:24

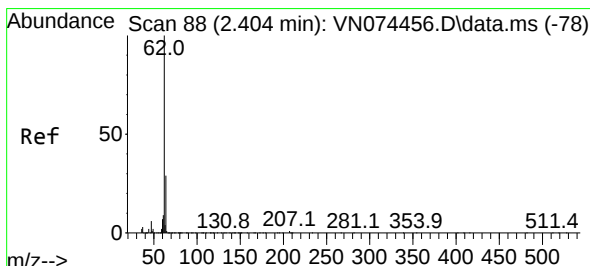
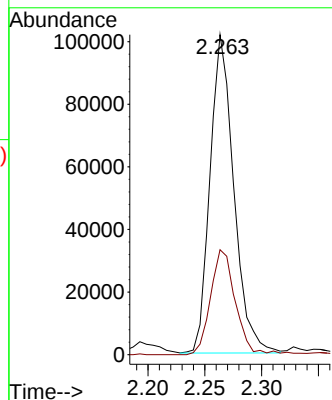
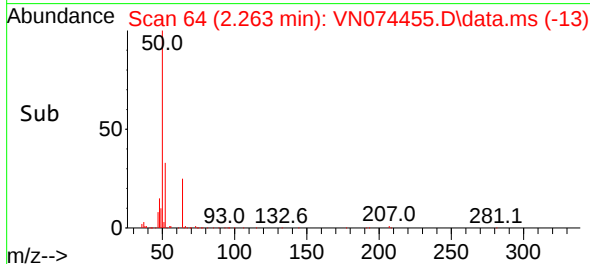
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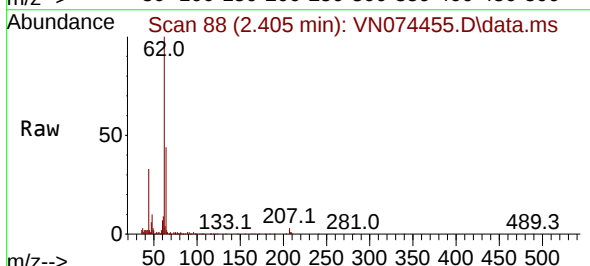
Tgt Ion: 50 Resp: 148150
Ion Ratio Lower Upper
50 100
52 33.0 25.7 38.5

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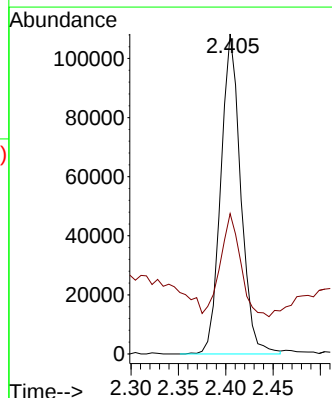
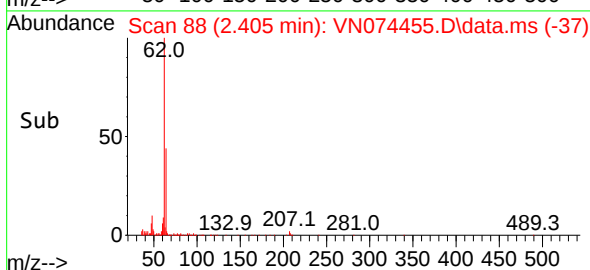
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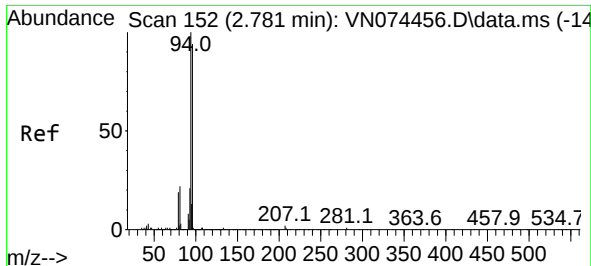


#4
Vinyl Chloride
Concen: 39.943 ug/l
RT: 2.405 min Scan# 88
Delta R.T. 0.000 min
Lab File: VN074455.D
Acq: 15 Sep 2022 11:24



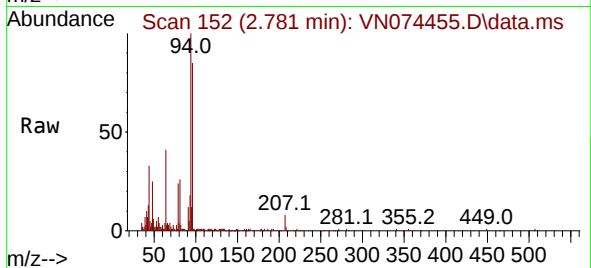
Tgt Ion: 62 Resp: 159271
Ion Ratio Lower Upper
62 100
64 30.4 25.0 37.4





#5
Bromomethane
Concen: 46.142 ug/l
RT: 2.781 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074455.D
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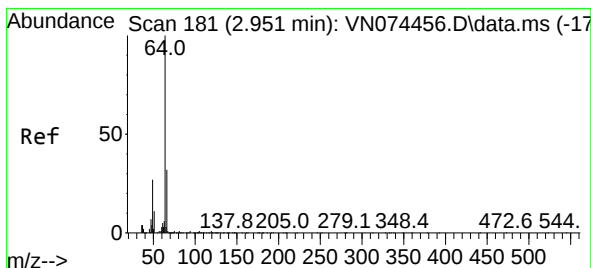
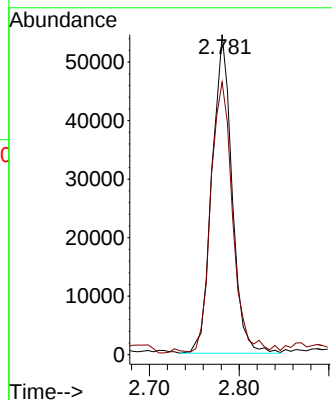
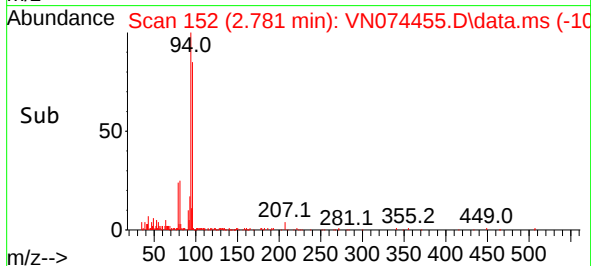
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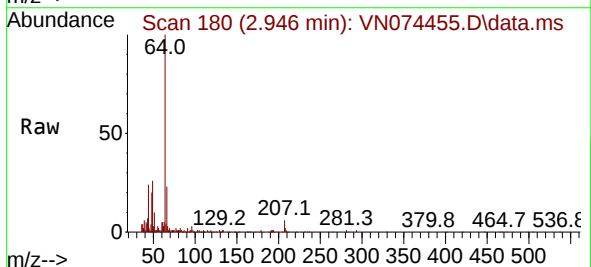
Tgt Ion: 94 Resp: 84408
Ion Ratio Lower Upper
94 100
96 84.4 76.0 114.0

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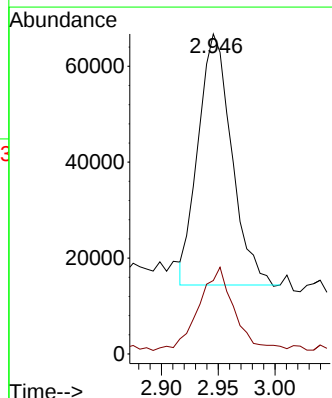
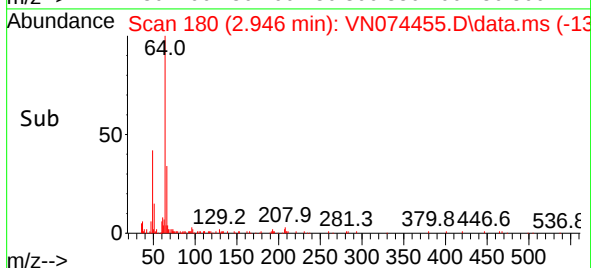
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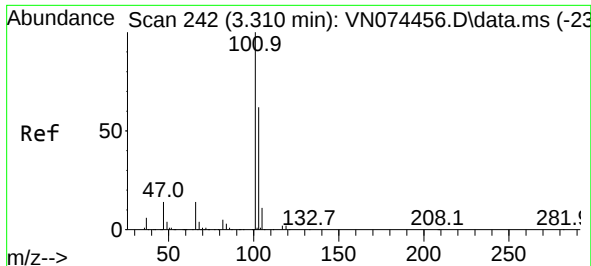


#6
Chloroethane
Concen: 41.719 ug/l
RT: 2.946 min Scan# 180
Delta R.T. -0.006 min
Lab File: VN074455.D
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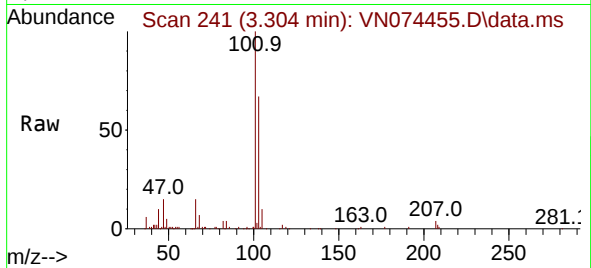
Tgt Ion: 64 Resp: 107151
Ion Ratio Lower Upper
64 100
66 26.2 26.2 39.4





#7
 Trichlorofluoromethane
 Concen: 29.049 ug/l
 RT: 3.304 min Scan# 242
 Delta R.T. -0.006 min
 Lab File: VN074455.D
 Acq: 15 Sep 2022 11:24

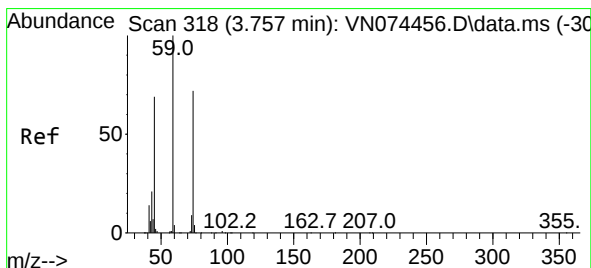
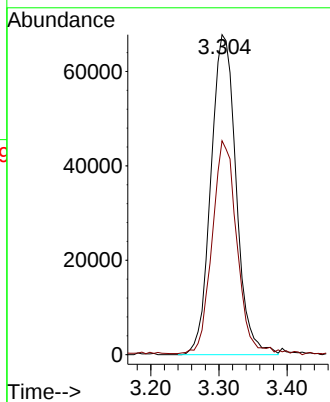
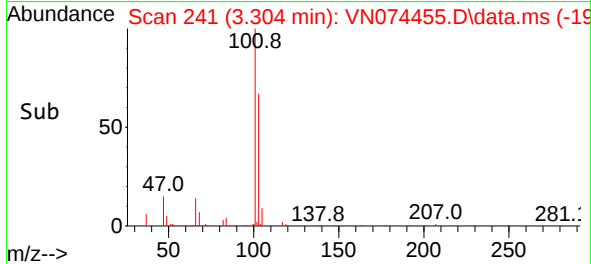
Instrument :
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 ClientSampleId :
 VSTDIC020



Tgt Ion:101 Resp: 174709
 Ion Ratio Lower Upper
 101 100
 103 66.5 51.5 77.3

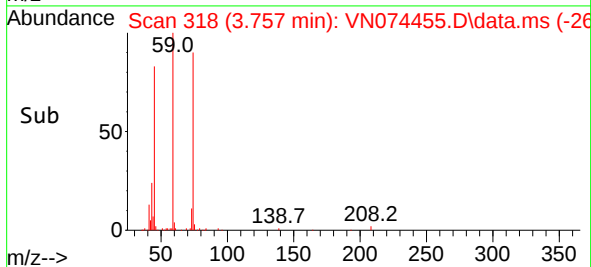
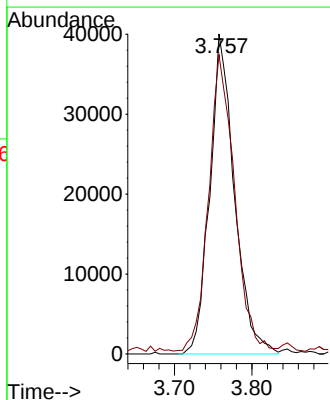
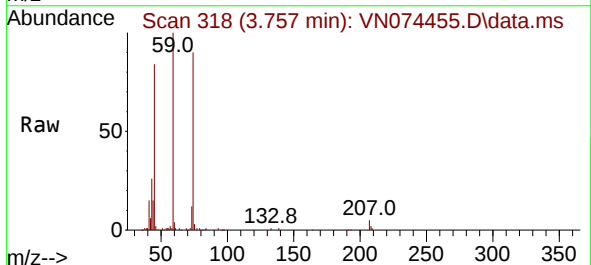
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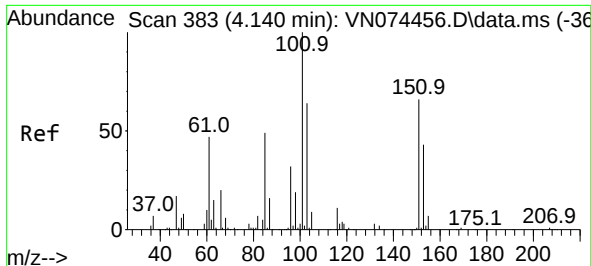
Reviewed By :John Carlone 09/16/2022
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#8
 Diethyl Ether
 Concen: 28.931 ug/l
 RT: 3.757 min Scan# 318
 Delta R.T. 0.000 min
 Lab File: VN074455.D
 Acq: 15 Sep 2022 11:24

Tgt Ion: 74 Resp: 88349
 Ion Ratio Lower Upper
 74 100
 45 97.2 42.9 128.5





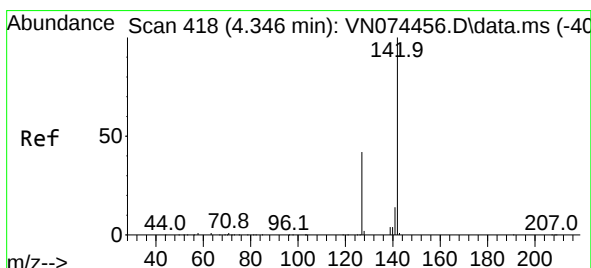
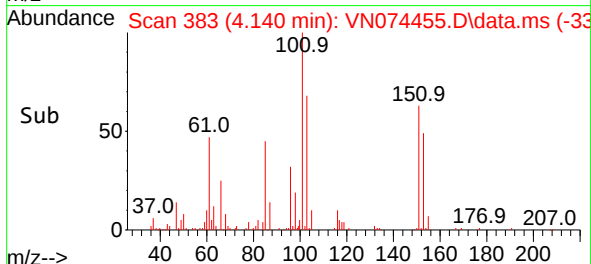
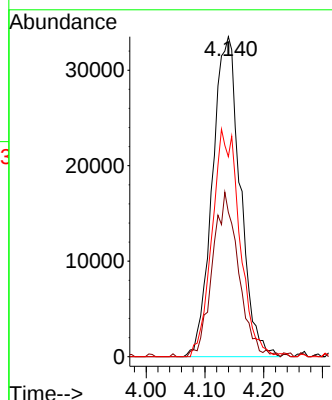
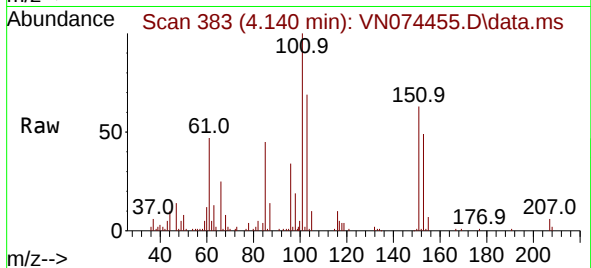
#9
1,1,2-Trichlorotrifluoroethane
Concen: 27.365 ug/l
RT: 4.140 min Scan# 383
Delta R.T. 0.000 min
Lab File: VN074455.D
Acq: 15 Sep 2022 11:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:101 Resp: 11013
Ion Ratio Lower Upper
101 100
85 48.1 34.7 52.1
151 70.4 63.0 94.4

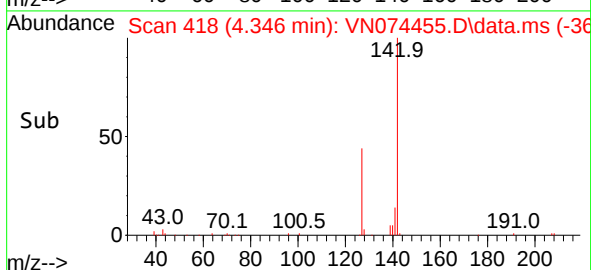
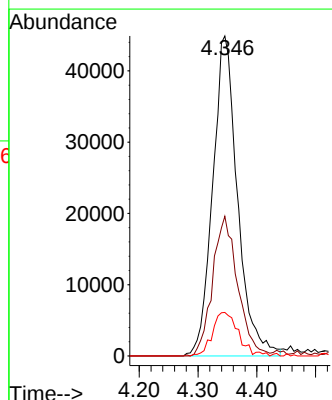
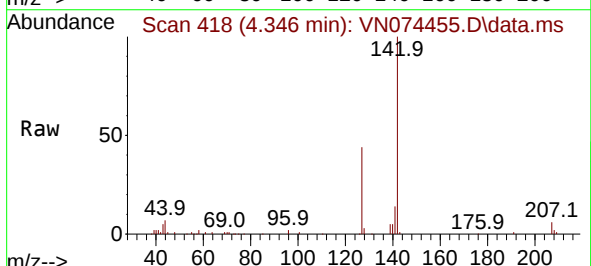
Manual Integrations
APPROVED

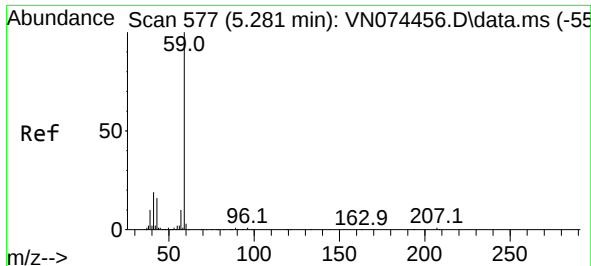
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#10
Methyl Iodide
Concen: 27.717 ug/l
RT: 4.346 min Scan# 418
Delta R.T. 0.000 min
Lab File: VN074455.D
Acq: 15 Sep 2022 11:24

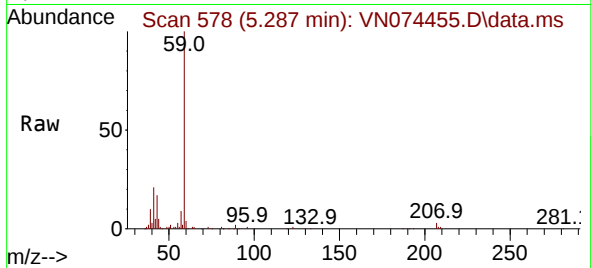
Tgt Ion:142 Resp: 131764
Ion Ratio Lower Upper
142 100
127 44.1 31.3 46.9
141 13.9 11.2 16.8





#11
Tert butyl alcohol
Concen: 148.751 ug/l
RT: 5.287 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN074455.D
Acq: 15 Sep 2022 11:24

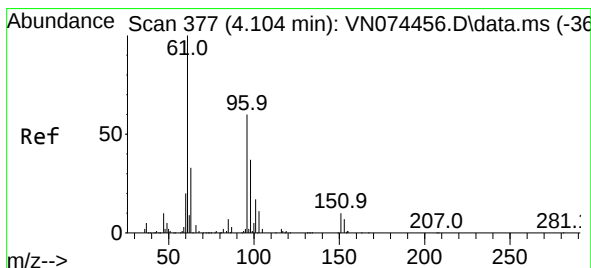
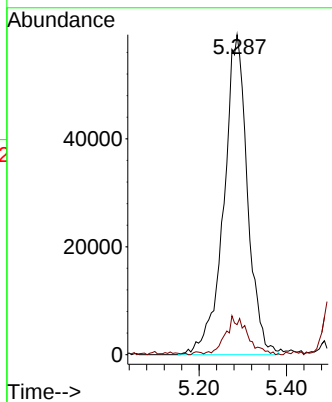
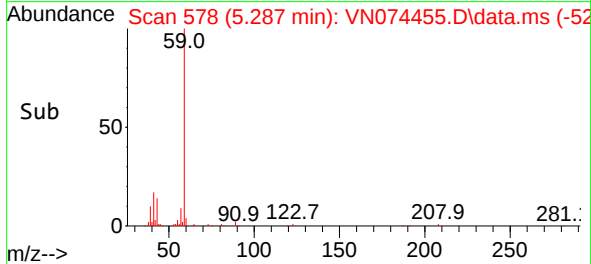
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



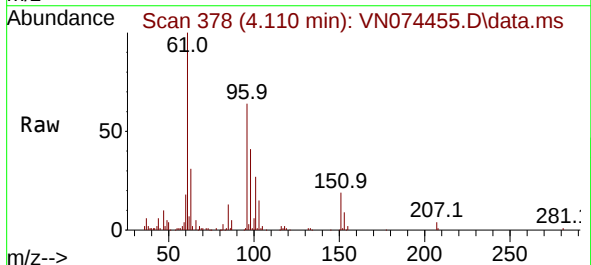
Tgt Ion: 59 Resp: 223060
Ion Ratio Lower Upper
59 100
57 5.7 8.3 12.5

Manual Integrations
APPROVED

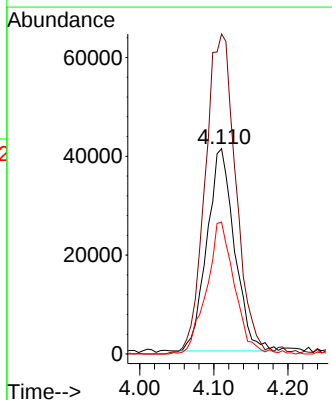
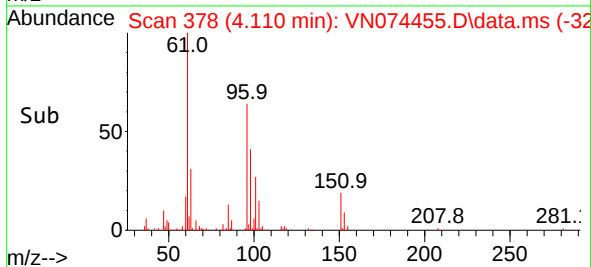
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

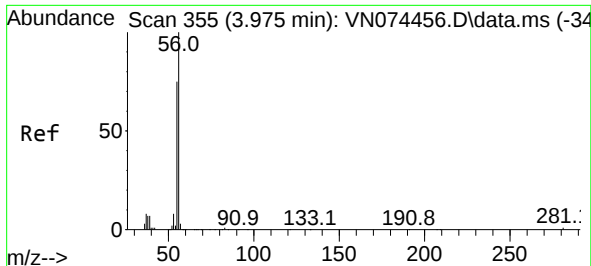


#12
1,1-Dichloroethene
Concen: 26.415 ug/l
RT: 4.110 min Scan# 378
Delta R.T. 0.006 min
Lab File: VN074455.D
Acq: 15 Sep 2022 11:24



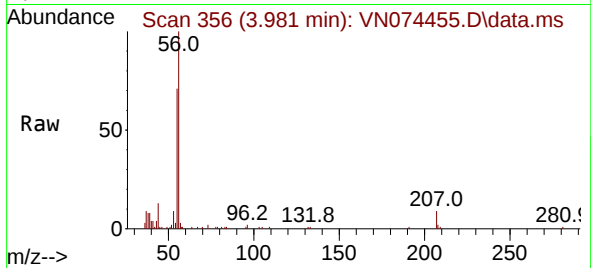
Tgt Ion: 96 Resp: 105778
Ion Ratio Lower Upper
96 100
61 157.2 127.6 191.4
98 64.9 51.2 76.8





#13
Acrolein
Concen: 133.800 ug/l
RT: 3.981 min Scan# 356
Delta R.T. 0.006 min
Lab File: VN074455.D
Acq: 15 Sep 2022 11:24

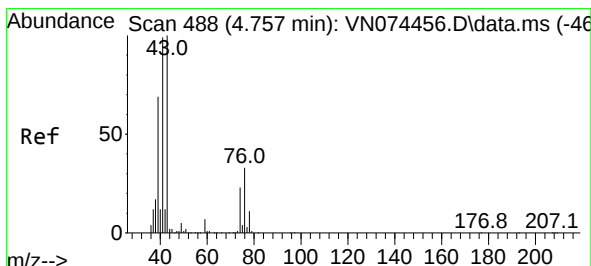
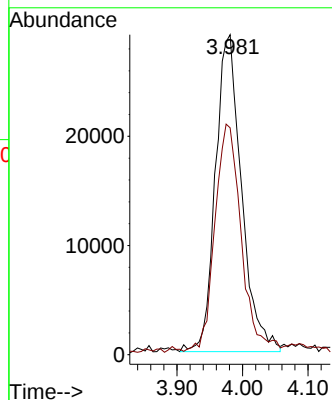
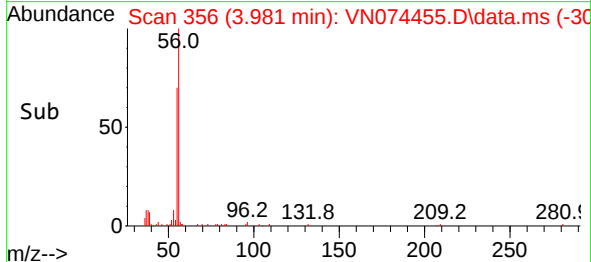
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 56 Resp: 80220
Ion Ratio Lower Upper
56 100
55 72.2 54.8 82.2

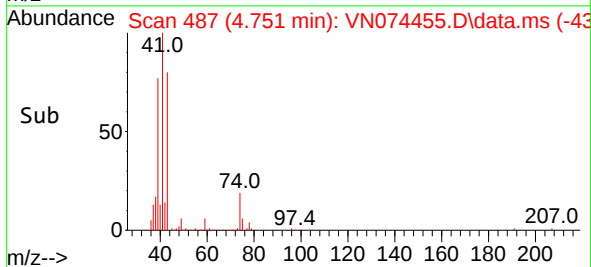
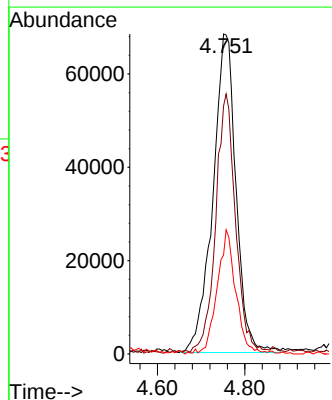
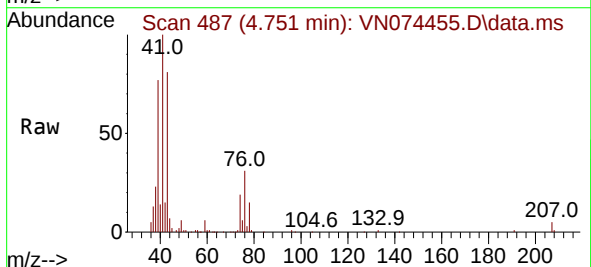
Manual Integrations
APPROVED

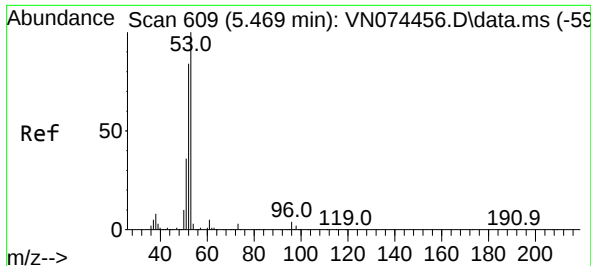
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#14
Allyl chloride
Concen: 28.647 ug/l
RT: 4.751 min Scan# 487
Delta R.T. -0.006 min
Lab File: VN074455.D
Acq: 15 Sep 2022 11:24

Tgt Ion: 41 Resp: 251206
Ion Ratio Lower Upper
41 100
39 69.1 53.2 79.8
76 30.1 29.9 44.9





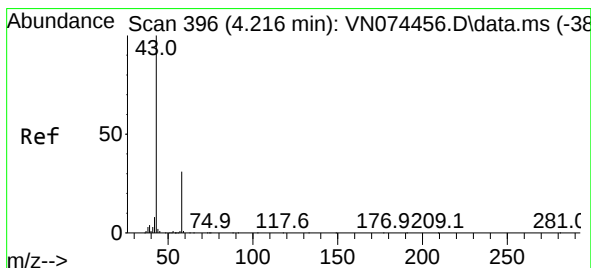
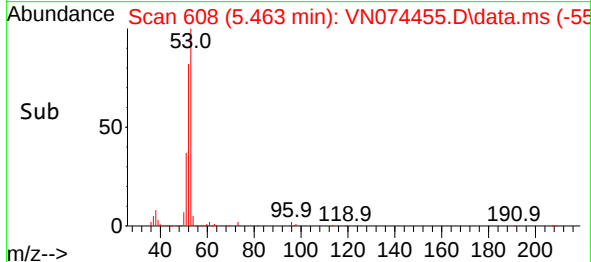
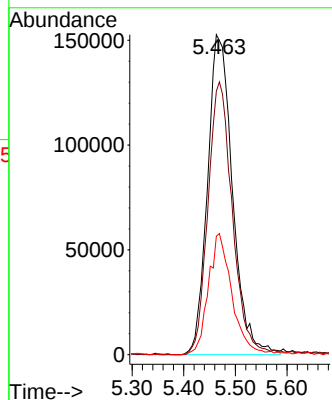
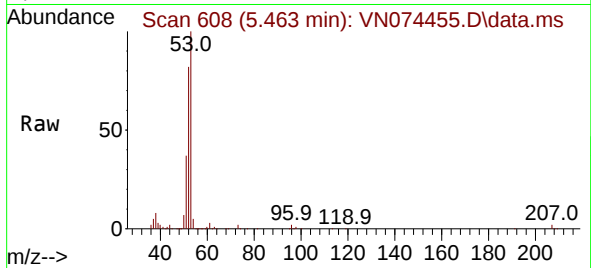
#15
Acrylonitrile
Concen: 148.178 ug/l
RT: 5.463 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN074455.D
Acq: 15 Sep 2022 11:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 53 Resp: 513032
Ion Ratio Lower Upper
53 100
52 83.4 66.4 99.6
51 36.0 28.5 42.7

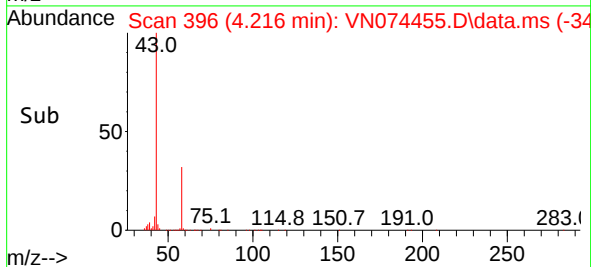
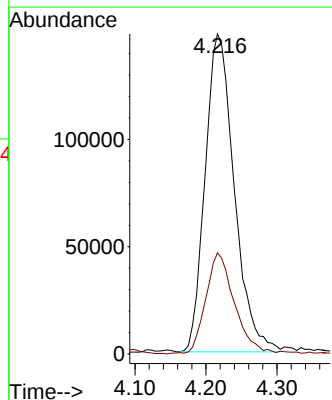
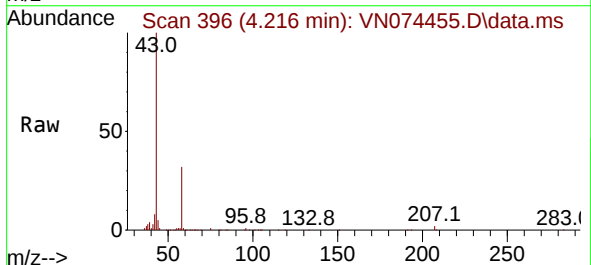
Manual Integrations
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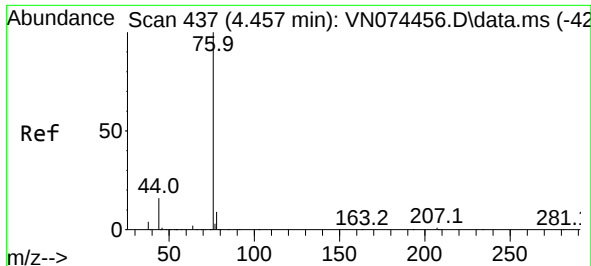
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#16
Acetone
Concen: 134.716 ug/l
RT: 4.216 min Scan# 396
Delta R.T. 0.000 min
Lab File: VN074455.D
Acq: 15 Sep 2022 11:24

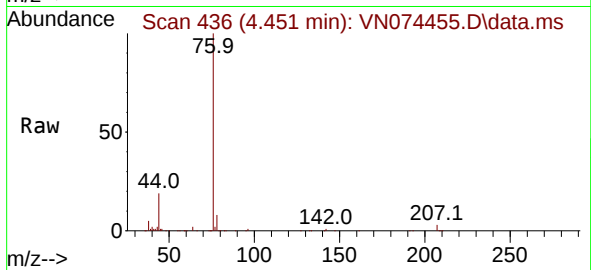
Tgt Ion: 43 Resp: 423161
Ion Ratio Lower Upper
43 100
58 31.4 26.0 39.0





#17
Carbon Disulfide
Concen: 27.235 ug/l
RT: 4.451 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN074455.D
Acq: 15 Sep 2022 11:24

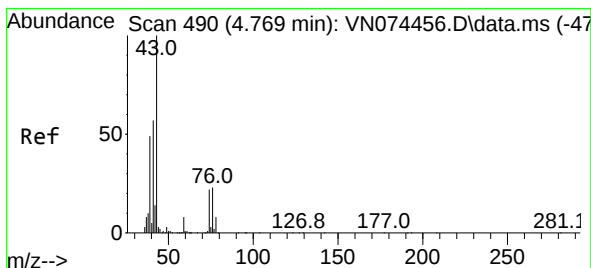
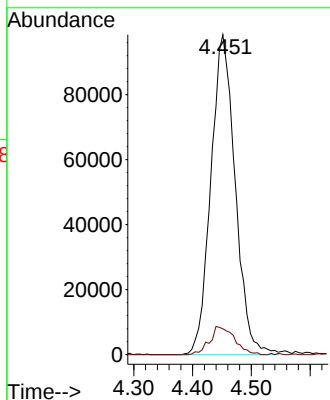
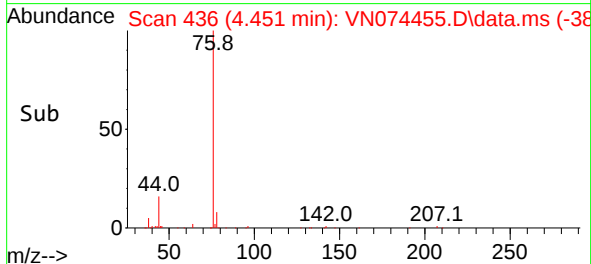
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 76 Resp: 283069
Ion Ratio Lower Upper
76 100
78 8.1 7.2 10.8

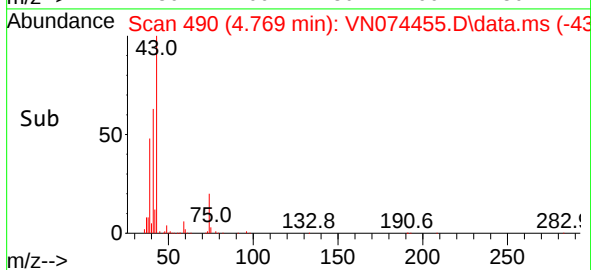
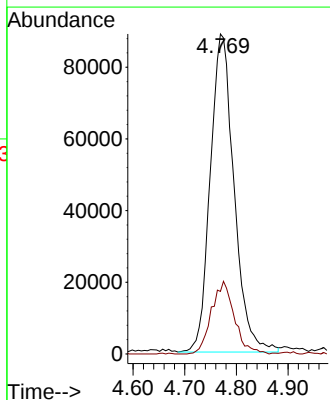
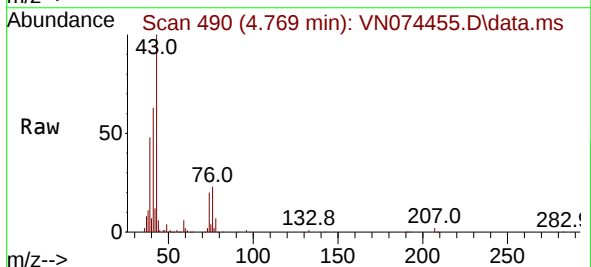
Manual Integrations
APPROVED

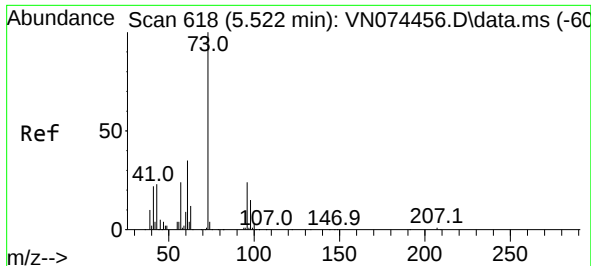
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#18
Methyl Acetate
Concen: 32.704 ug/l
RT: 4.769 min Scan# 490
Delta R.T. 0.000 min
Lab File: VN074455.D
Acq: 15 Sep 2022 11:24

Tgt Ion: 43 Resp: 283987
Ion Ratio Lower Upper
43 100
74 22.0 21.6 32.4





#19

Methyl tert-butyl Ether

Concen: 30.007 ug/l

RT: 5.534 min Scan# 618

Delta R.T. 0.012 min

Lab File: VN074455.D

Acq: 15 Sep 2022 11:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 73 Resp: 461090

Ion Ratio Lower Upper

73 100

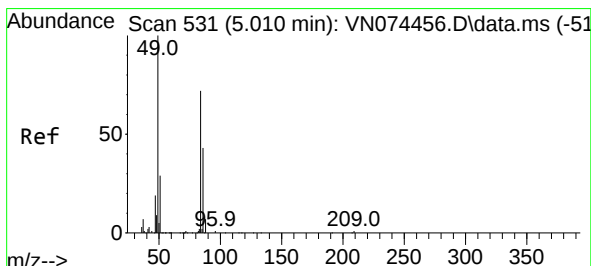
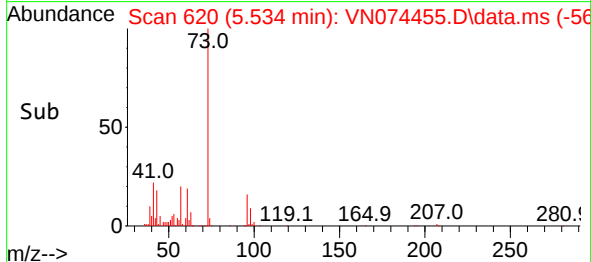
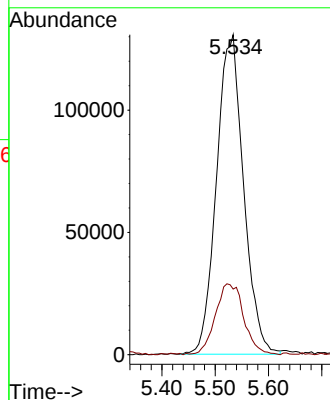
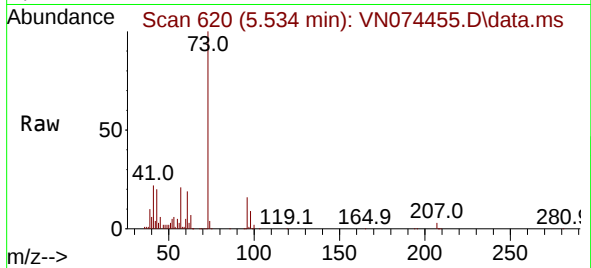
57 20.5 17.6 26.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#20

Methylene Chloride

Concen: 26.485 ug/l

RT: 5.004 min Scan# 530

Delta R.T. -0.006 min

Lab File: VN074455.D

Acq: 15 Sep 2022 11:24

Tgt Ion: 84 Resp: 140021

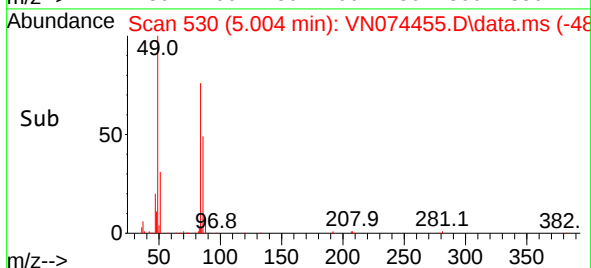
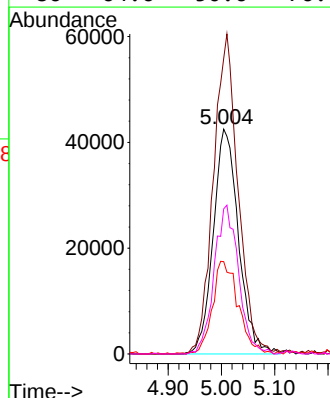
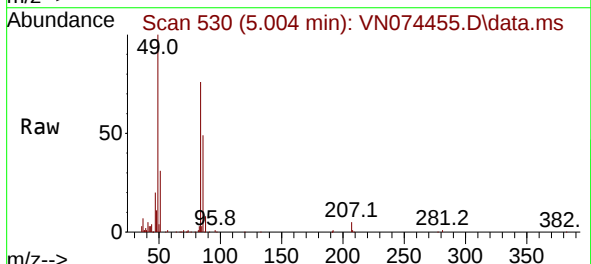
Ion Ratio Lower Upper

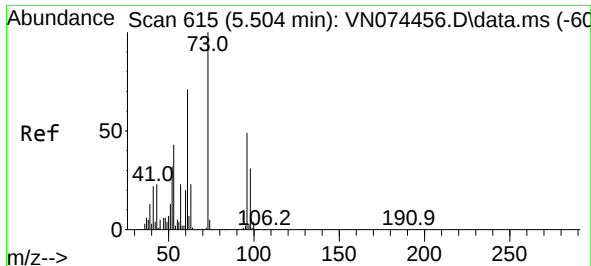
84 100

49 131.5 88.3 132.5

51 40.7 28.2 42.2

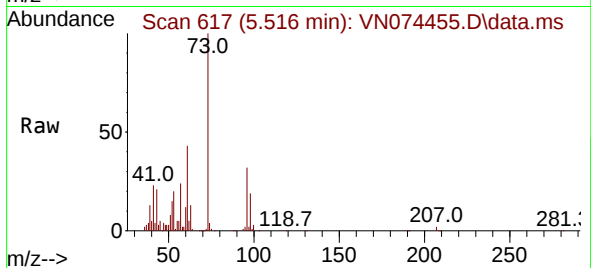
86 64.6 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 26.564 ug/l
RT: 5.516 min Scan# 615
Delta R.T. 0.012 min
Lab File: VN074455.D
Acq: 15 Sep 2022 11:24

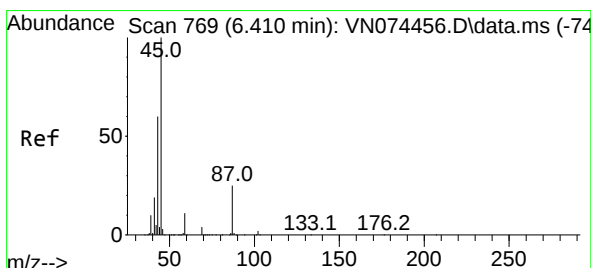
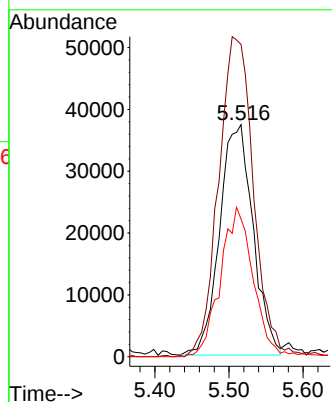
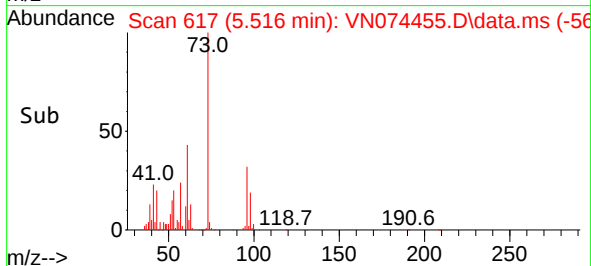
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 96 Resp: 116808
Ion Ratio Lower Upper
96 100
61 135.0 105.8 158.8
98 59.8 50.3 75.5

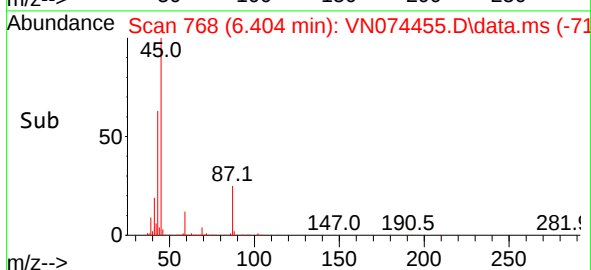
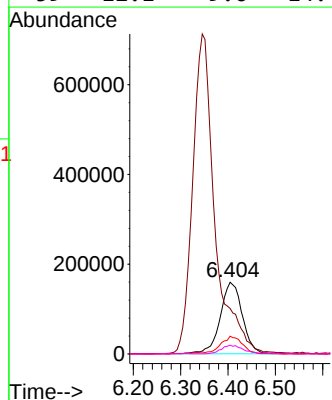
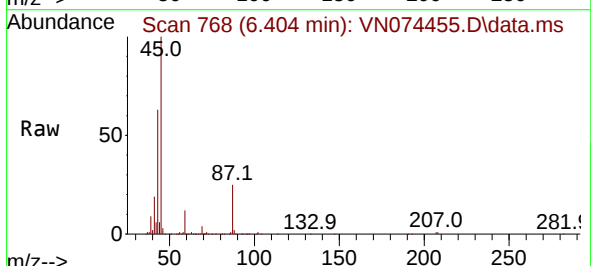
Manual Integrations
APPROVED

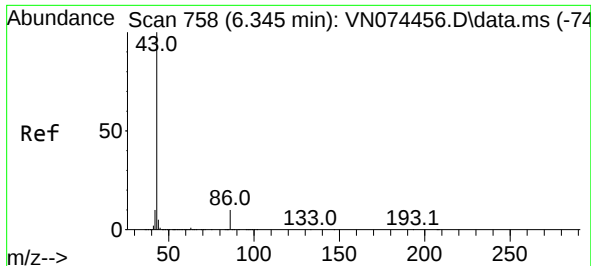
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#22
Diisopropyl ether
Concen: 30.986 ug/l
RT: 6.404 min Scan# 768
Delta R.T. -0.006 min
Lab File: VN074455.D
Acq: 15 Sep 2022 11:24

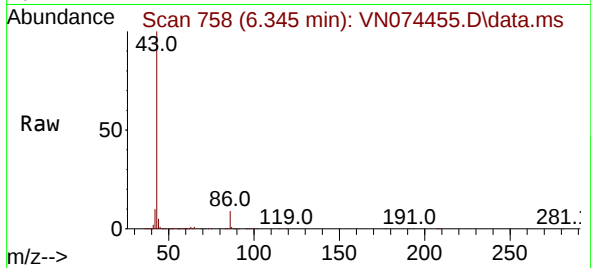
Tgt Ion: 45 Resp: 514997
Ion Ratio Lower Upper
45 100
43 61.6 46.6 70.0
87 24.7 24.3 36.5
59 12.1 9.6 14.4





#23
 Vinyl Acetate
 Concen: 151.867 ug/l
 RT: 6.345 min Scan# 758
 Delta R.T. 0.000 min
 Lab File: VN074455.D
 Acq: 15 Sep 2022 11:24

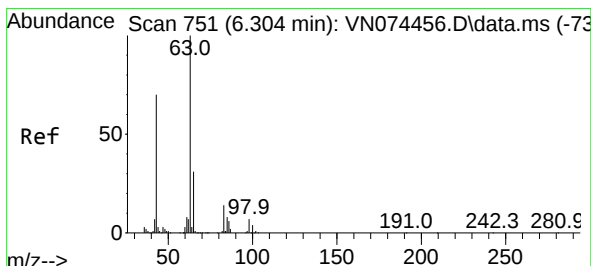
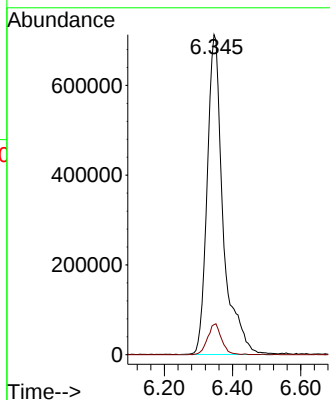
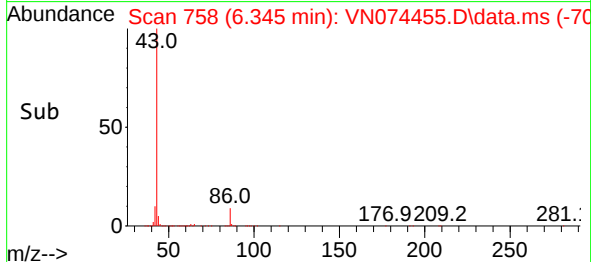
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



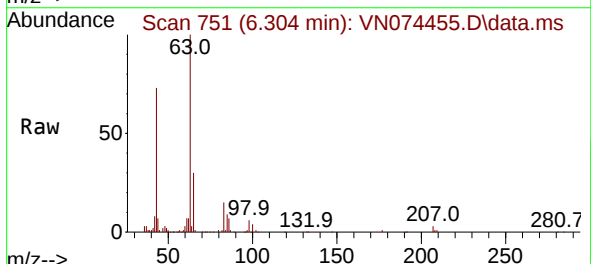
Tgt Ion: 43 Resp: 231893
 Ion Ratio Lower Upper
 43 100
 86 9.4 10.0 15.0

Manual Integrations
 APPROVED

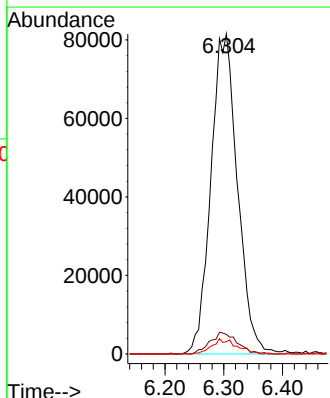
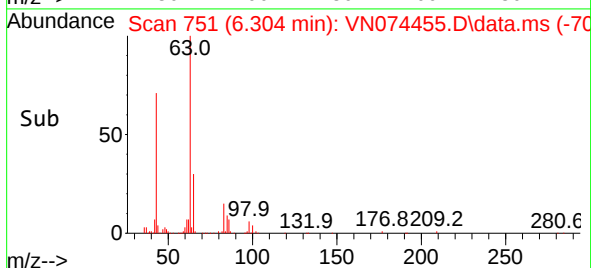
Reviewed By :John Carlone 09/16/2022
 Supervised By :Mahesh Dadoda 09/16/2022

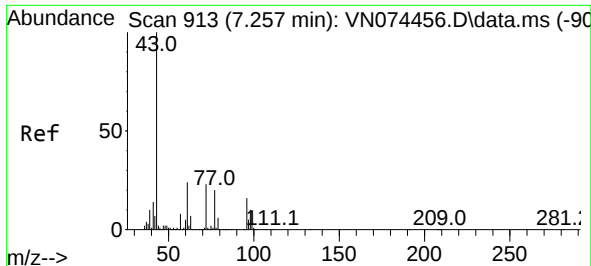


#24
 1,1-Dichloroethane
 Concen: 29.820 ug/l
 RT: 6.304 min Scan# 751
 Delta R.T. 0.000 min
 Lab File: VN074455.D
 Acq: 15 Sep 2022 11:24



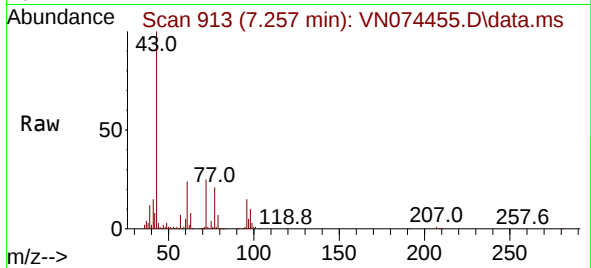
Tgt Ion: 63 Resp: 256070
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.5 10.4
 100 3.9 2.3 6.8





#25
2-Butanone
Concen: 147.187 ug/l
RT: 7.257 min Scan# 913
Delta R.T. 0.000 min
Lab File: VN074455.D
Acq: 15 Sep 2022 11:24

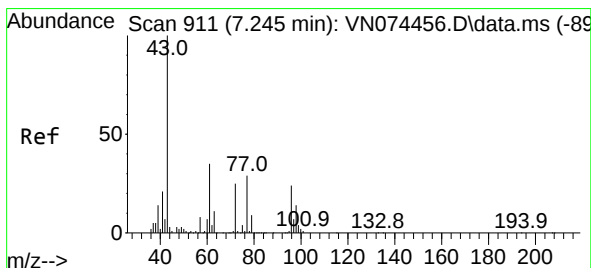
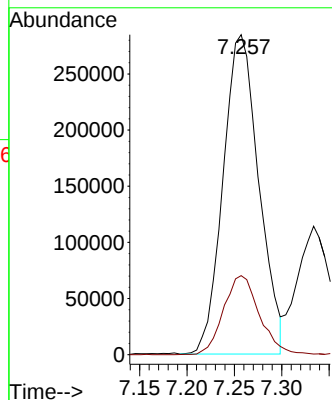
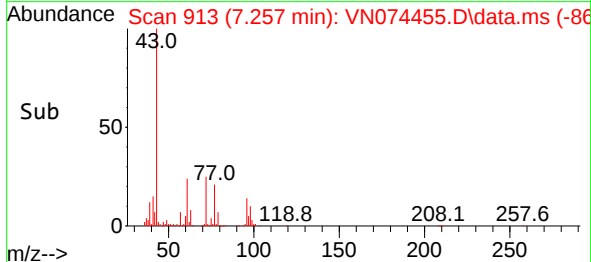
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC020



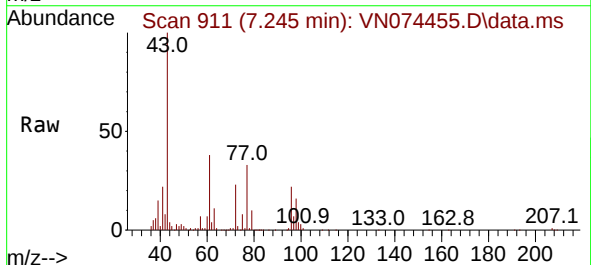
Tgt Ion: 43 Resp: 746193
Ion Ratio Lower Upper
43 100
72 24.7 23.7 35.5

Manual Integrations
APPROVED

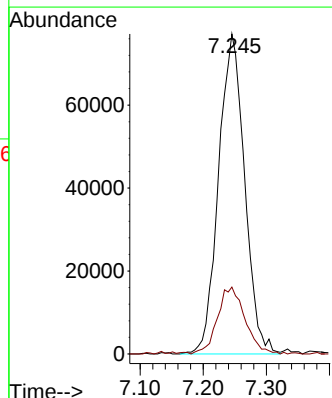
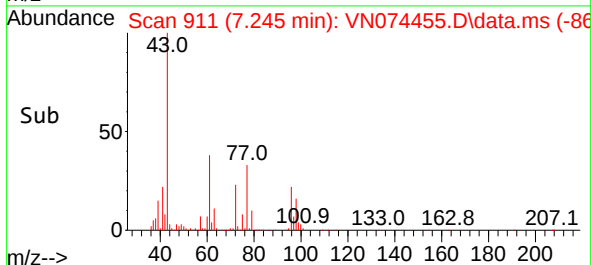
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

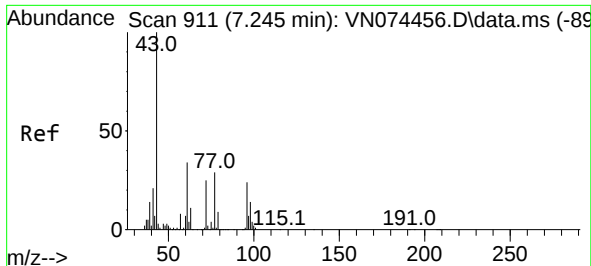


#26
2,2-Dichloropropane
Concen: 28.861 ug/l
RT: 7.245 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN074455.D
Acq: 15 Sep 2022 11:24



Tgt Ion: 77 Resp: 221132
Ion Ratio Lower Upper
77 100
97 22.0 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 26.355 ug/l

RT: 7.251 min Scan# 911

Delta R.T. 0.006 min

Lab File: VN074455.D

Acq: 15 Sep 2022 11:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 96 Resp: 139528

Ion Ratio Lower Upper

96 100

61 168.4 0.0 280.6

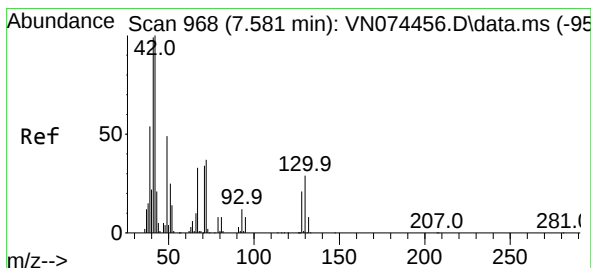
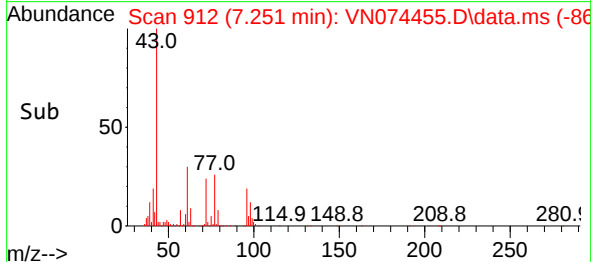
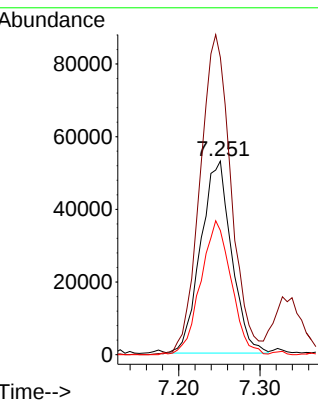
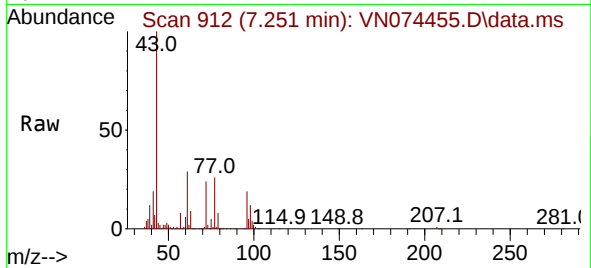
98 69.1 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#28

Bromochloromethane

Concen: 23.781 ug/l

RT: 7.581 min Scan# 968

Delta R.T. 0.000 min

Lab File: VN074455.D

Acq: 15 Sep 2022 11:24

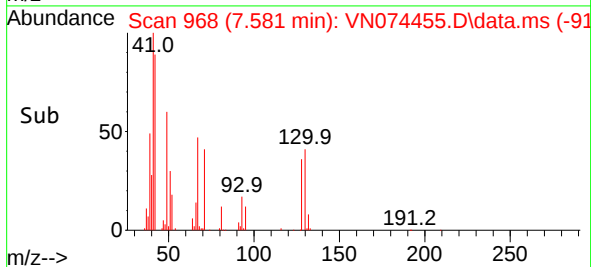
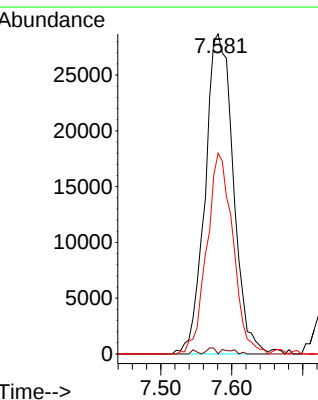
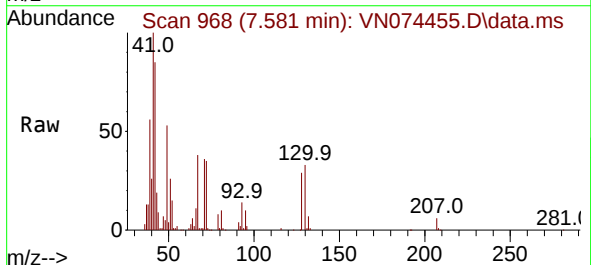
Tgt Ion: 49 Resp: 78877

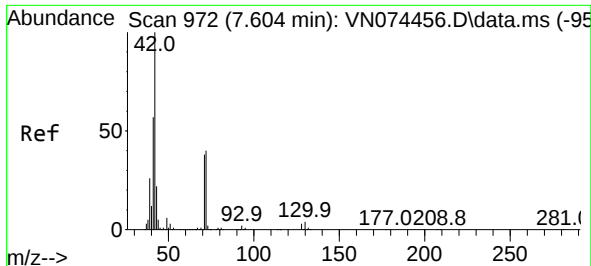
Ion Ratio Lower Upper

49 100

129 0.7 0.0 4.6

130 58.2 69.7 104.5#





#29

Tetrahydrofuran

Concen: 147.831 ug/l

RT: 7.604 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN074455.D

Acq: 15 Sep 2022 11:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 42 Resp: 496810

Ion Ratio Lower Upper

42 100

72 40.9 39.7 59.5

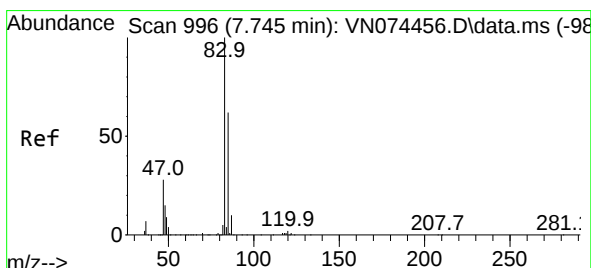
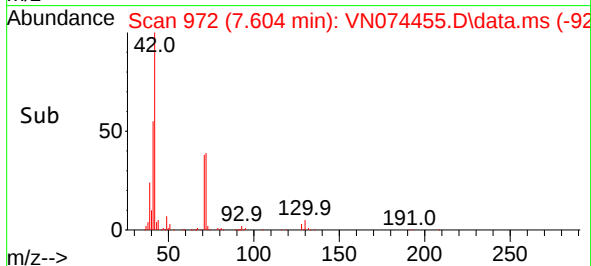
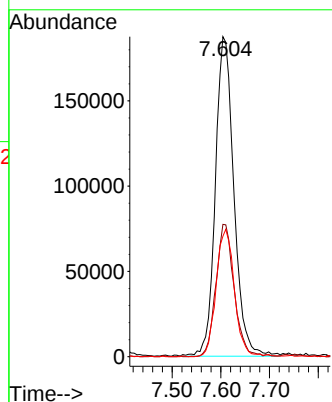
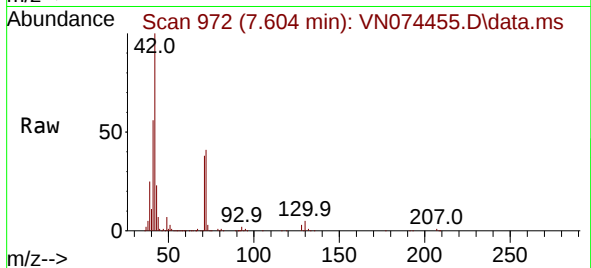
71 39.5 36.6 55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#30

Chloroform

Concen: 28.307 ug/l

RT: 7.745 min Scan# 996

Delta R.T. 0.000 min

Lab File: VN074455.D

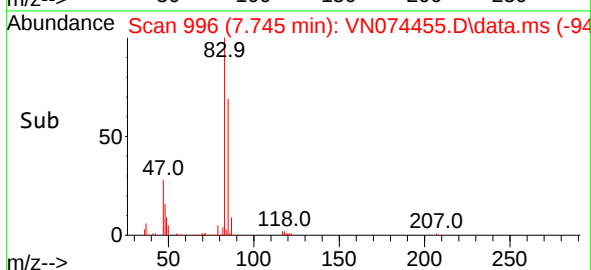
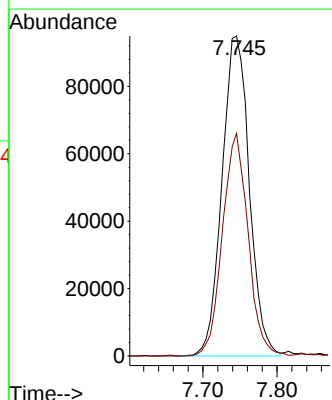
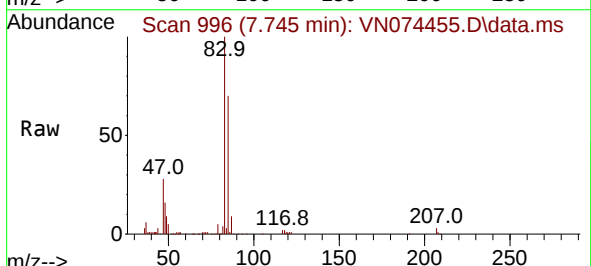
Acq: 15 Sep 2022 11:24

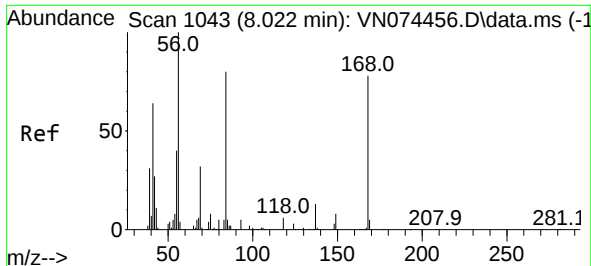
Tgt Ion: 83 Resp: 242899

Ion Ratio Lower Upper

83 100

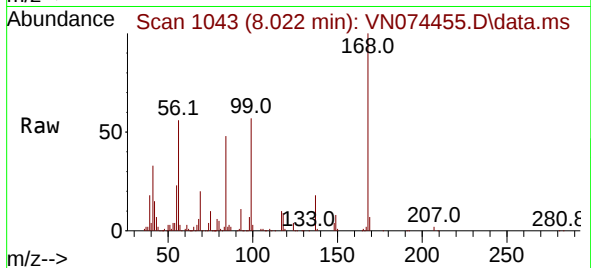
85 69.6 51.8 77.8





#31
Cyclohexane
Concen: 29.880 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VN074455.D
Acq: 15 Sep 2022 11:24

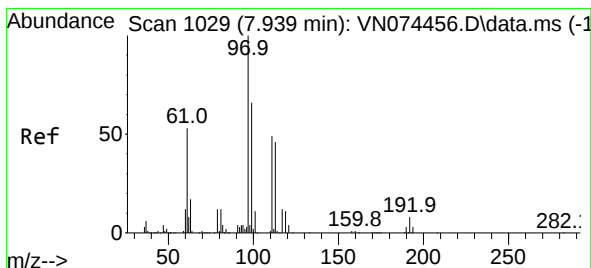
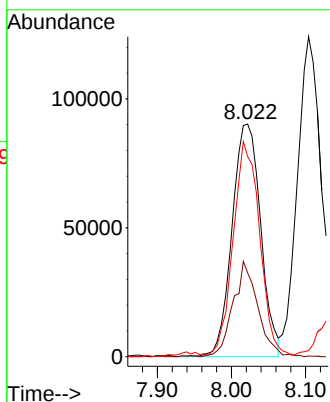
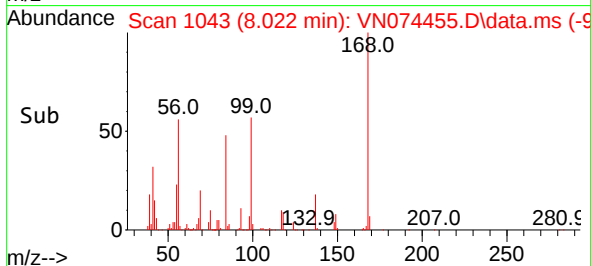
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



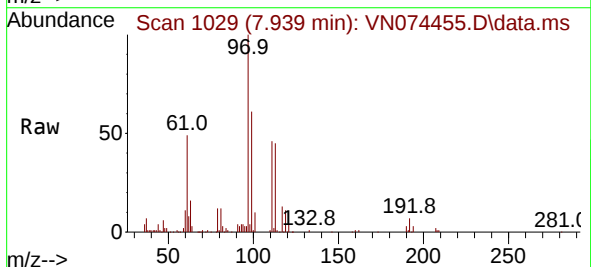
Tgt Ion: 56 Resp: 241918
Ion Ratio Lower Upper
56 100
69 35.5 27.8 41.8
84 85.2 76.9 115.3

Manual Integrations
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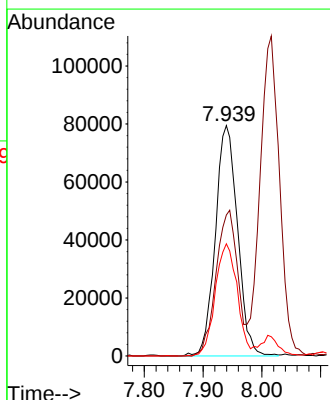
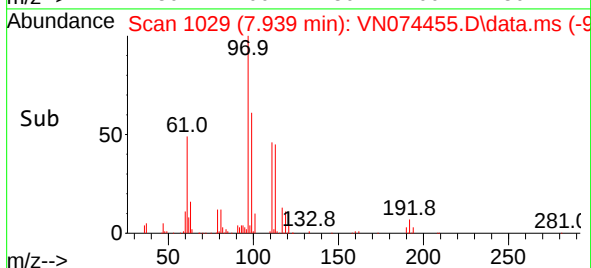
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

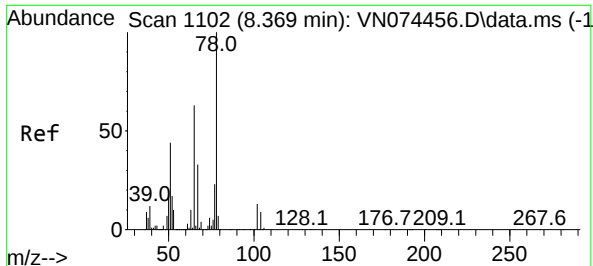


#32
1,1,1-Trichloroethane
Concen: 27.898 ug/l
RT: 7.939 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VN074455.D
Acq: 15 Sep 2022 11:24



Tgt Ion: 97 Resp: 208123
Ion Ratio Lower Upper
97 100
99 62.1 50.6 76.0
61 49.2 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 24.320 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN074455.D

Acq: 15 Sep 2022 11:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 137500

Ion Ratio Lower Upper

65 100

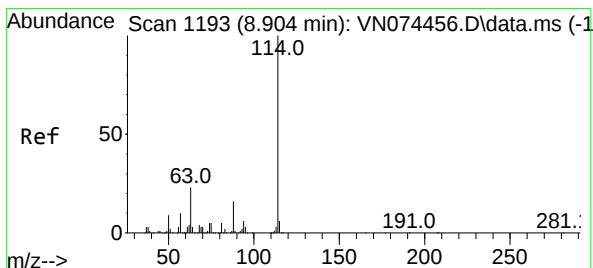
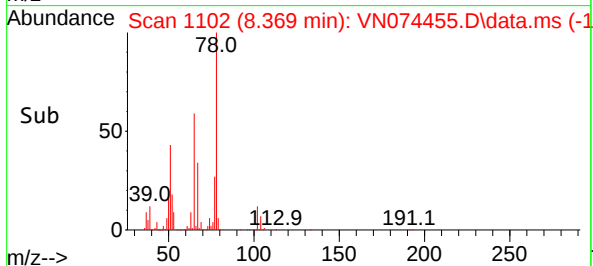
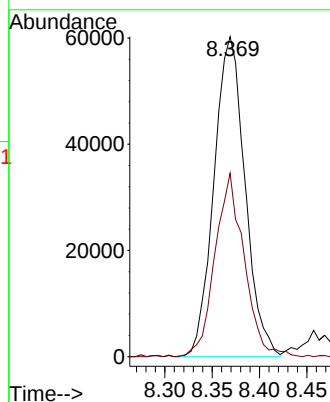
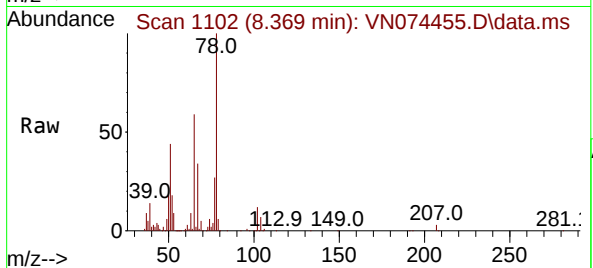
67 53.8 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.898 min Scan# 1192

Delta R.T. -0.006 min

Lab File: VN074455.D

Acq: 15 Sep 2022 11:24

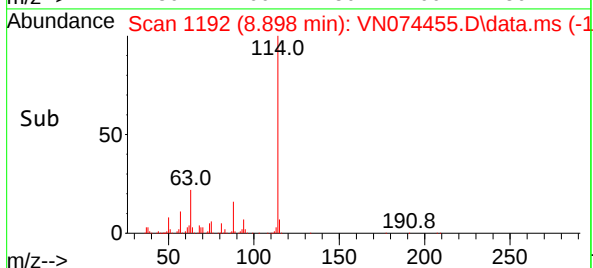
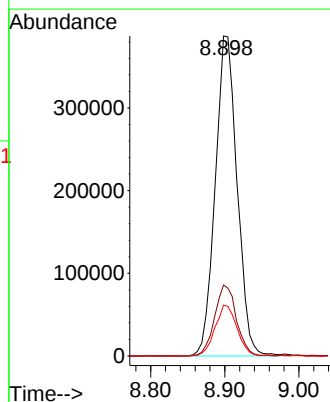
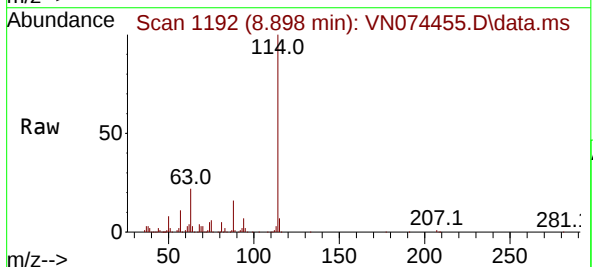
Tgt Ion:114 Resp: 793917

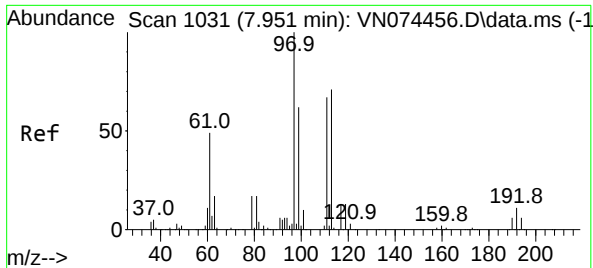
Ion Ratio Lower Upper

114 100

63 22.2 0.0 40.0

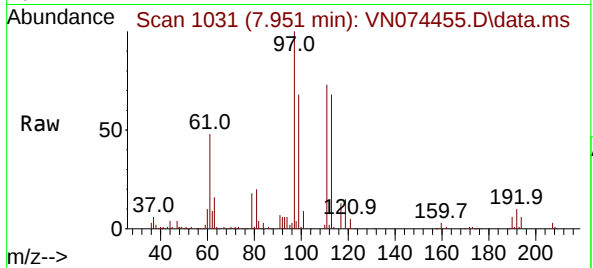
88 15.9 0.0 32.6





#35
Dibromofluoromethane
Concen: 21.295 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN074455.D
Acq: 15 Sep 2022 11:24

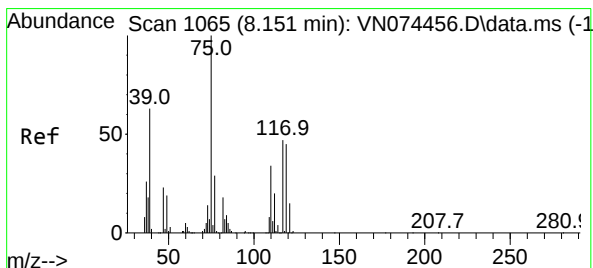
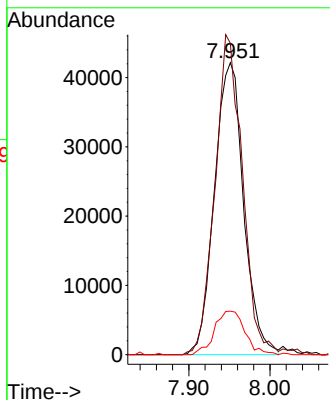
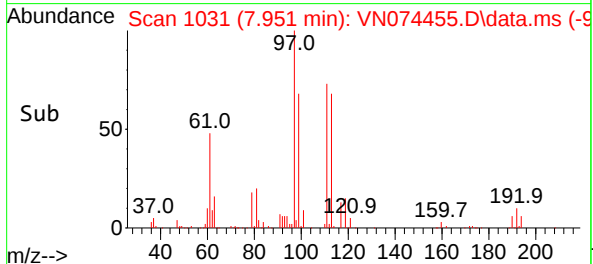
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



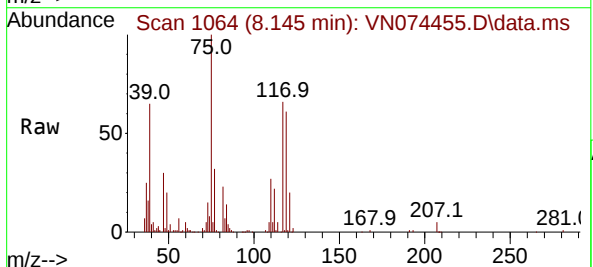
Tgt Ion: 113 Resp: 105400
Ion Ratio Lower Upper
113 100
111 103.3 81.4 122.0
192 15.5 17.0 25.6

Manual Integrations
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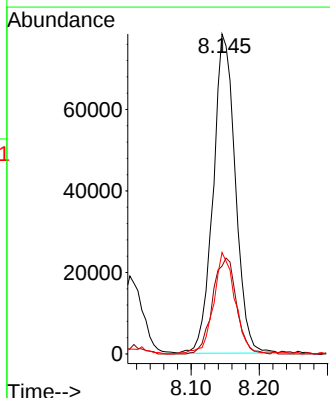
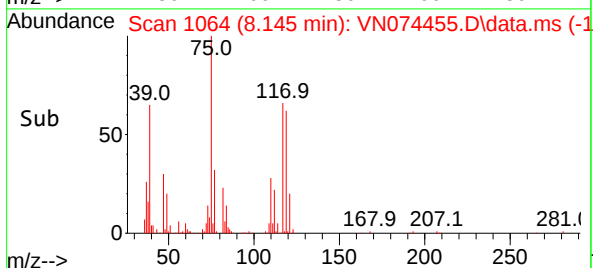
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

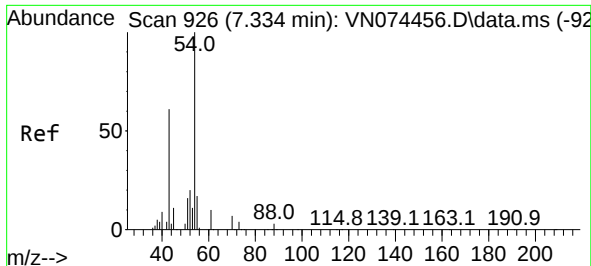


#36
1,1-Dichloropropene
Concen: 25.615 ug/l
RT: 8.145 min Scan# 1064
Delta R.T. -0.006 min
Lab File: VN074455.D
Acq: 15 Sep 2022 11:24



Tgt Ion: 75 Resp: 177252
Ion Ratio Lower Upper
75 100
110 32.4 18.3 54.8
77 30.8 25.1 37.7





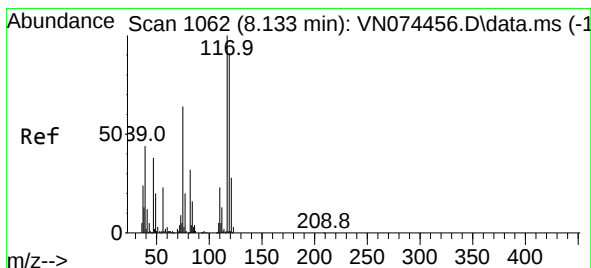
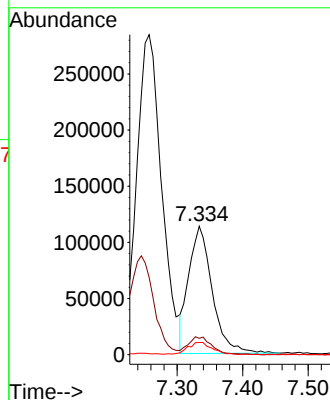
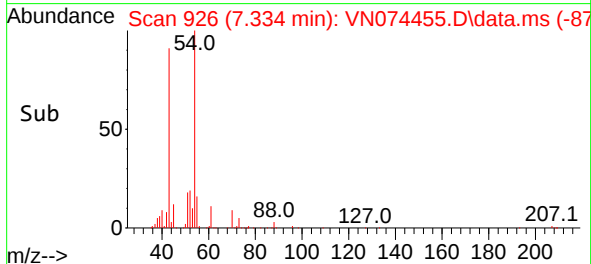
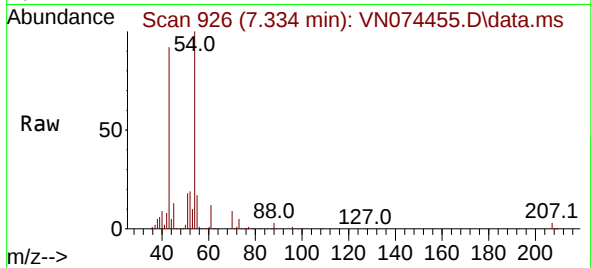
#37
Ethyl Acetate
Concen: 25.366 ug/l
RT: 7.334 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN074455.D
Acq: 15 Sep 2022 11:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 28265
Ion Ratio Lower Upper
43 100
61 14.2 11.8 17.6
70 10.2 9.3 13.9

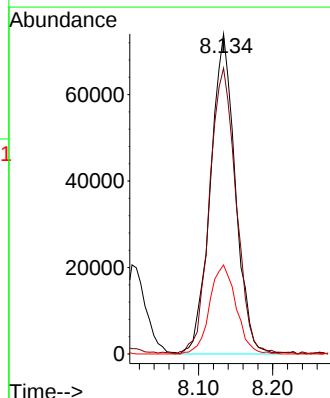
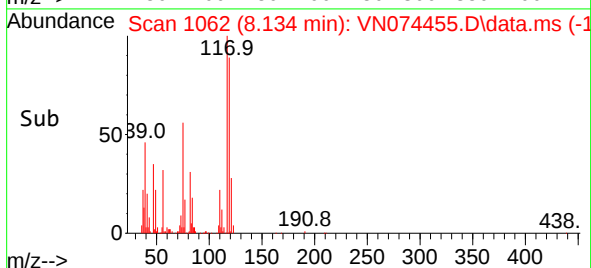
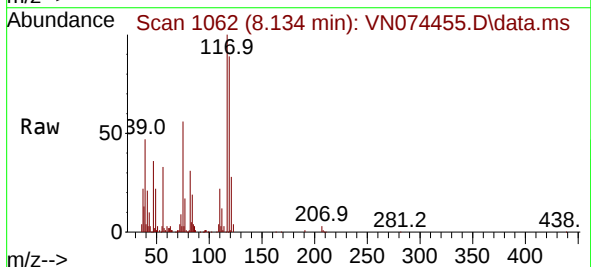
Manual Integrations
APPROVED

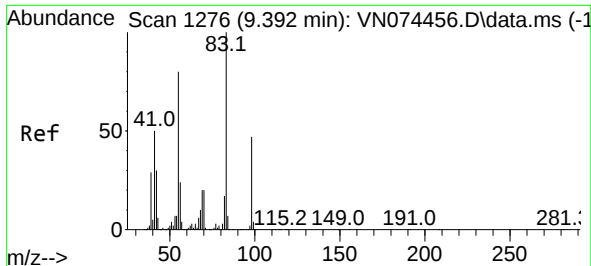
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#38
Carbon Tetrachloride
Concen: 24.231 ug/l
RT: 8.134 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VN074455.D
Acq: 15 Sep 2022 11:24

Tgt Ion:117 Resp: 172850
Ion Ratio Lower Upper
117 100
119 88.8 75.8 113.8
121 27.8 24.6 37.0





#39

Methylcyclohexane

Concen: 26.204 ug/l

RT: 9.392 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VN074455.D

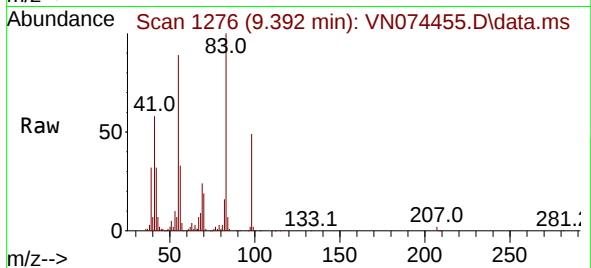
Acq: 15 Sep 2022 11:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020



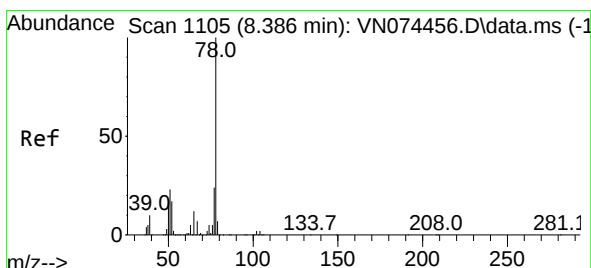
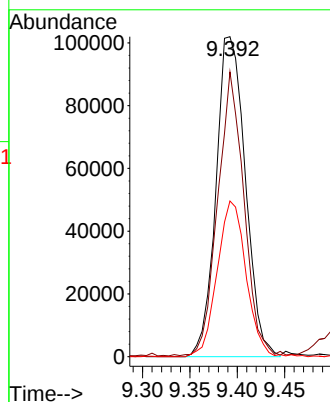
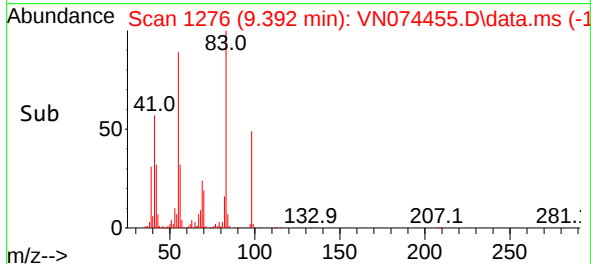
Tgt Ion: 83	Resp: 21986
Ion Ratio	Lower Upper
83	100
55	88.7 57.8 86.8
98	48.7 39.4 59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#40

Benzene

Concen: 26.019 ug/l

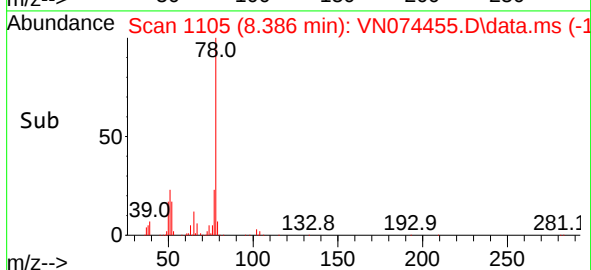
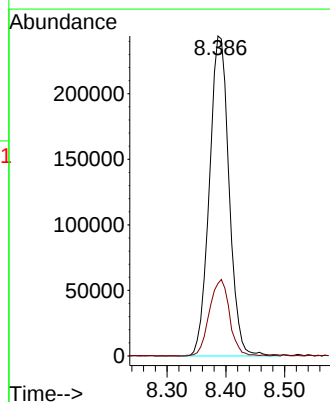
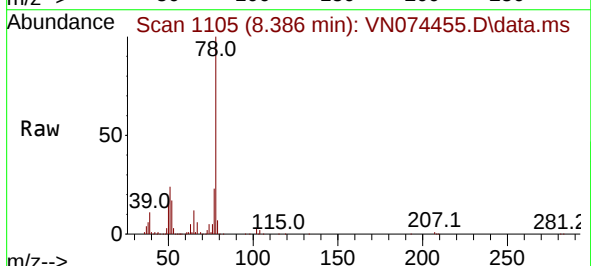
RT: 8.386 min Scan# 1105

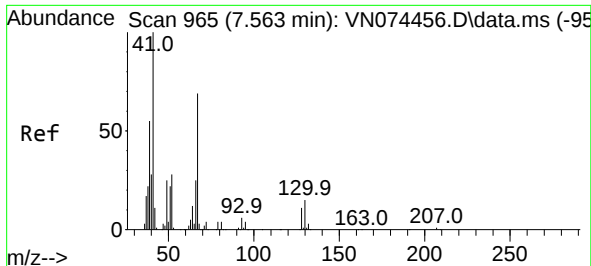
Delta R.T. 0.000 min

Lab File: VN074455.D

Acq: 15 Sep 2022 11:24

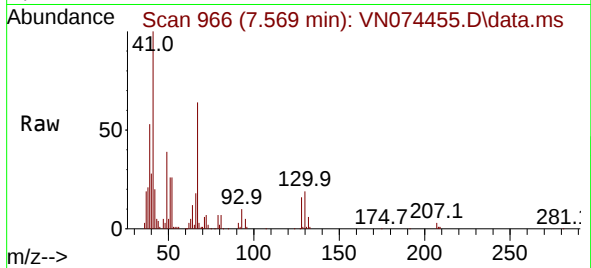
Tgt Ion: 78	Resp: 567644
Ion Ratio	Lower Upper
78	100
77	22.7 19.4 29.0





#41
Methacrylonitrile
Concen: 29.477 ug/l
RT: 7.569 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN074455.D
Acq: 15 Sep 2022 11:24

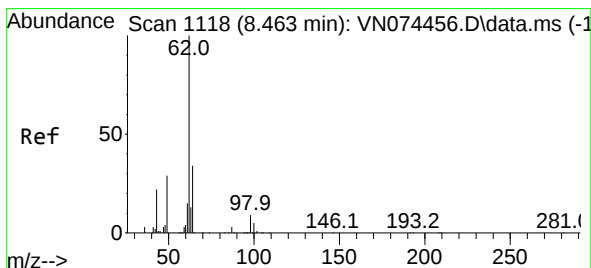
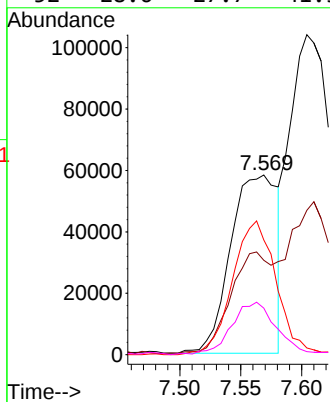
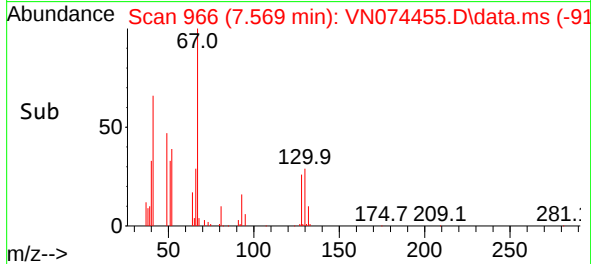
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



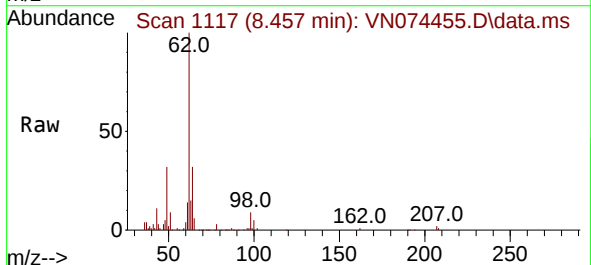
Tgt Ion: 41 Resp: 155352
Ion Ratio Lower Upper
41 100
39 48.1 48.6 73.0
67 70.4 73.4 110.2
52 28.6 27.7 41.5

Manual Integrations
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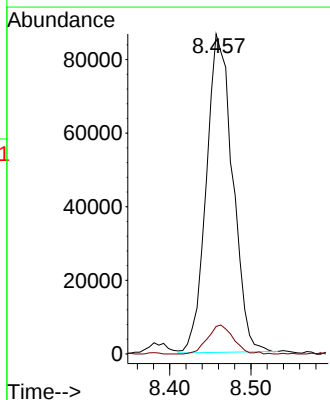
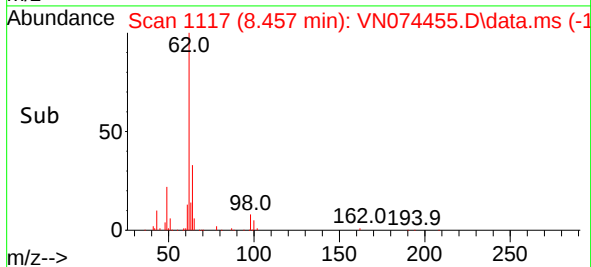
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

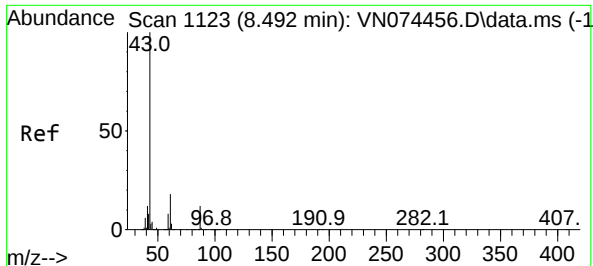


#42
1,2-Dichloroethane
Concen: 25.427 ug/l
RT: 8.457 min Scan# 1117
Delta R.T. -0.006 min
Lab File: VN074455.D
Acq: 15 Sep 2022 11:24



Tgt Ion: 62 Resp: 195510
Ion Ratio Lower Upper
62 100
98 8.9 0.0 19.4





#43

Isopropyl Acetate

Concen: 28.411 ug/l

RT: 8.492 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN074455.D

Acq: 15 Sep 2022 11:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 43 Resp: 456089

Ion Ratio Lower Upper

43 100

61 23.6 21.9 32.9

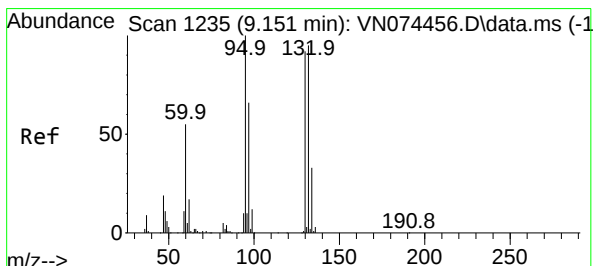
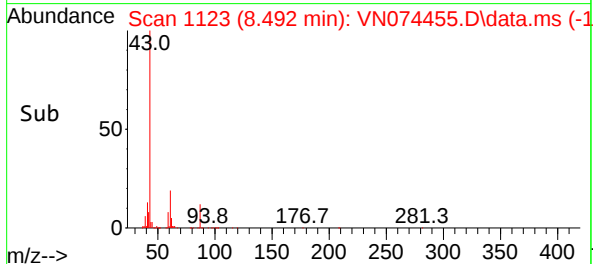
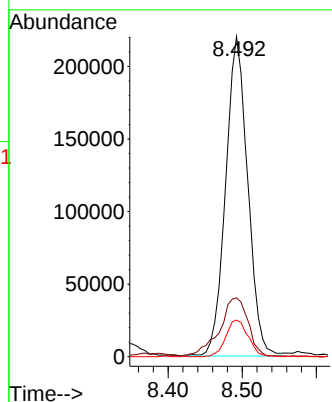
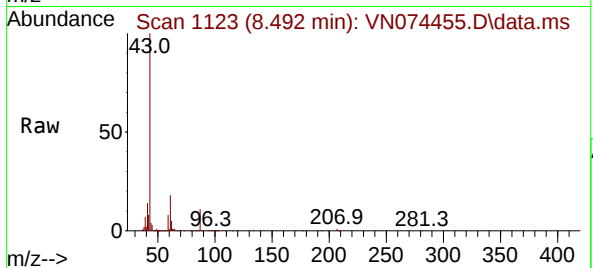
87 11.6 12.0 18.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#44

Trichloroethene

Concen: 22.158 ug/l

RT: 9.151 min Scan# 1235

Delta R.T. 0.000 min

Lab File: VN074455.D

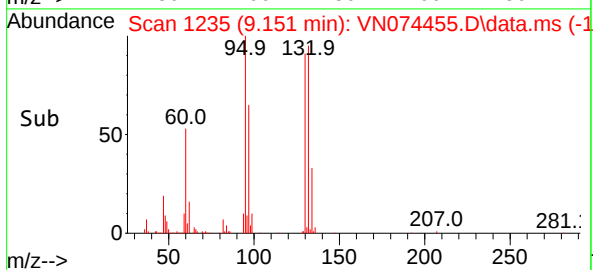
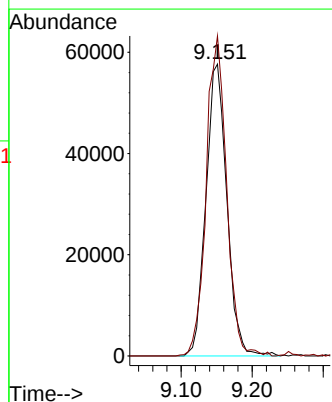
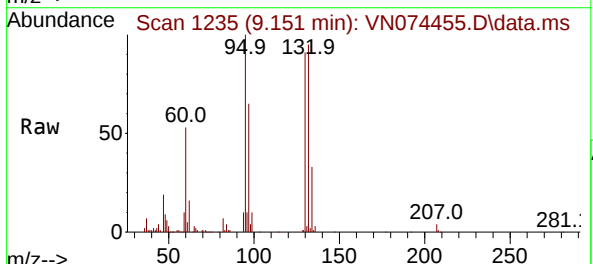
Acq: 15 Sep 2022 11:24

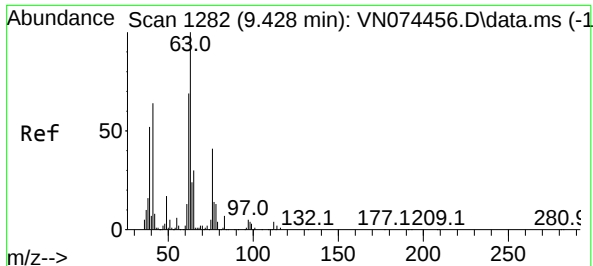
Tgt Ion:130 Resp: 118107

Ion Ratio Lower Upper

130 100

95 109.4 0.0 186.8





#45

1,2-Dichloropropane

Concen: 27.817 ug/l

RT: 9.428 min Scan# 1282

Delta R.T. 0.000 min

Lab File: VN074455.D

Acq: 15 Sep 2022 11:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 15714

Ion Ratio Lower Upper

63 100

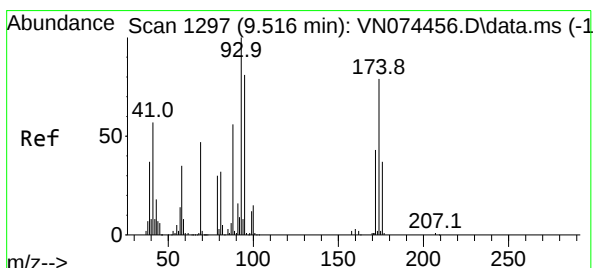
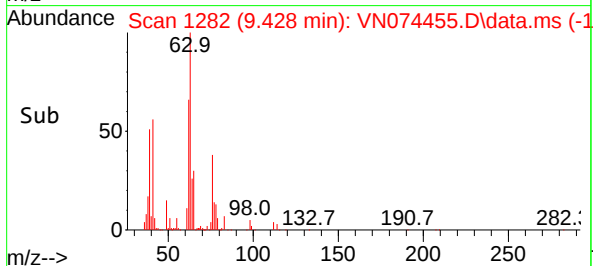
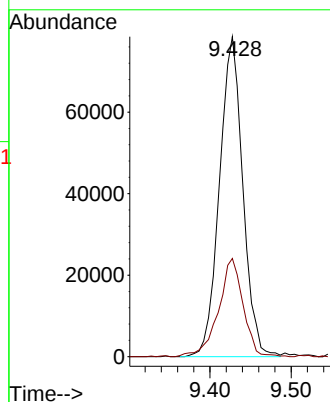
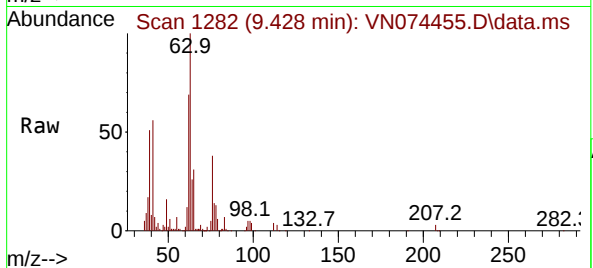
65 30.5 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#46

Dibromomethane

Concen: 25.769 ug/l

RT: 9.510 min Scan# 1296

Delta R.T. -0.006 min

Lab File: VN074455.D

Acq: 15 Sep 2022 11:24

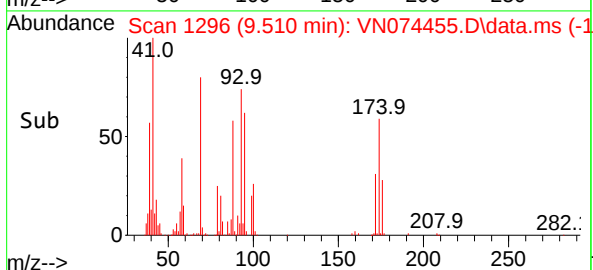
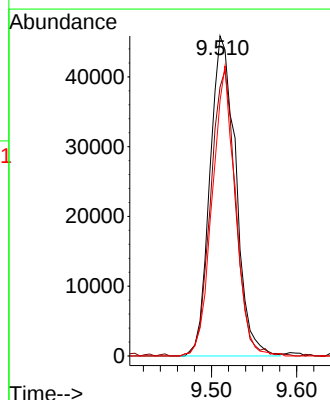
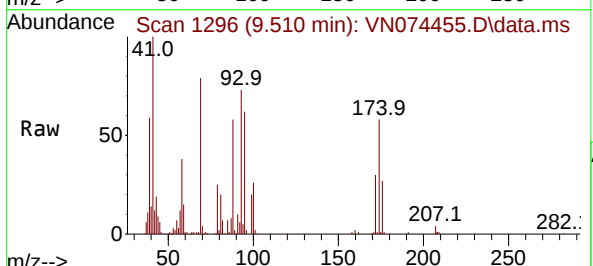
Tgt Ion: 93 Resp: 96599

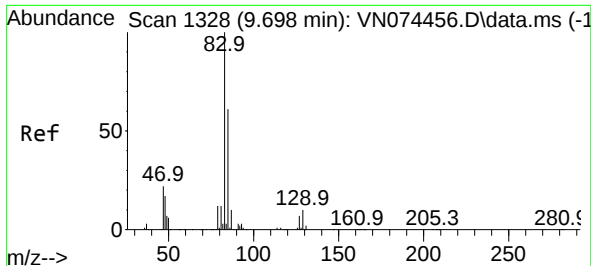
Ion Ratio Lower Upper

93 100

95 86.2 66.9 100.3

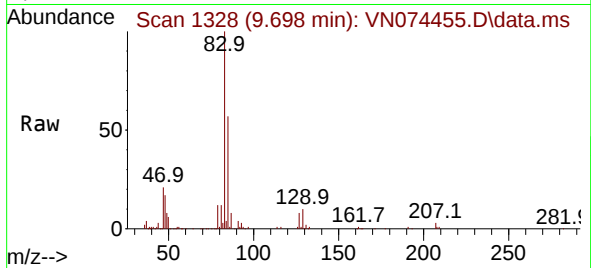
174 81.0 86.6 130.0





#47
Bromodichloromethane
Concen: 25.794 ug/l
RT: 9.698 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VN074455.D
Acq: 15 Sep 2022 11:24

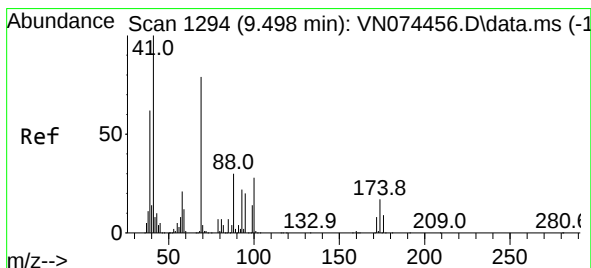
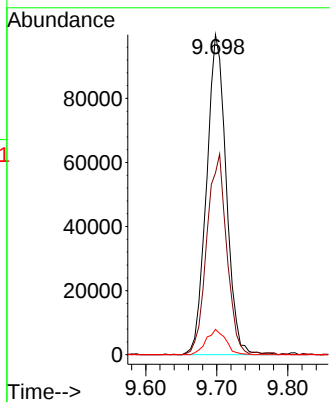
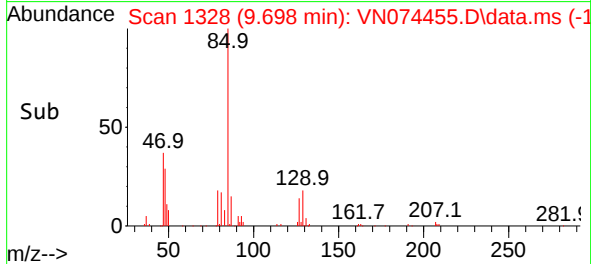
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



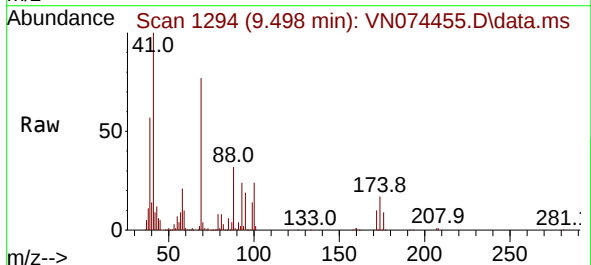
Tgt Ion: 83 Resp: 192170
Ion Ratio Lower Upper
83 100
85 56.8 50.5 75.7
127 7.9 6.8 10.2

Manual Integrations
APPROVED

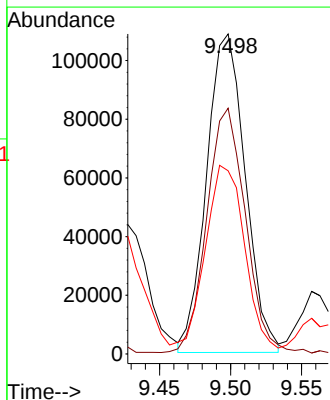
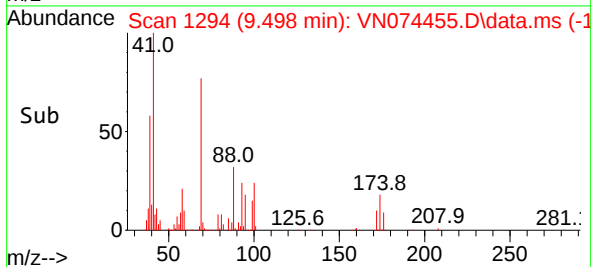
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

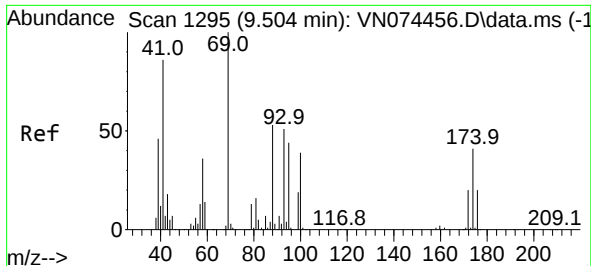


#48
Methyl methacrylate
Concen: 28.337 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VN074455.D
Acq: 15 Sep 2022 11:24



Tgt Ion: 41 Resp: 205837
Ion Ratio Lower Upper
41 100
69 78.1 74.7 112.1
39 60.4 45.6 68.4





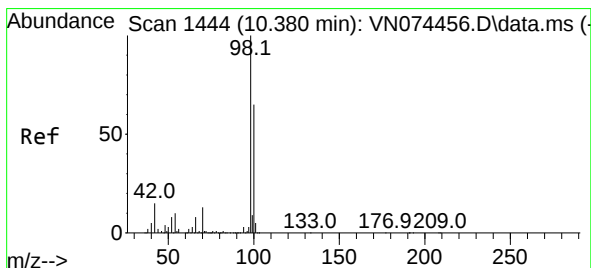
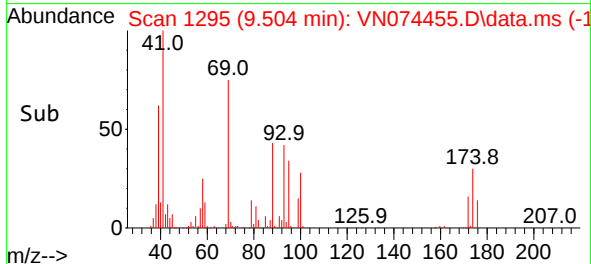
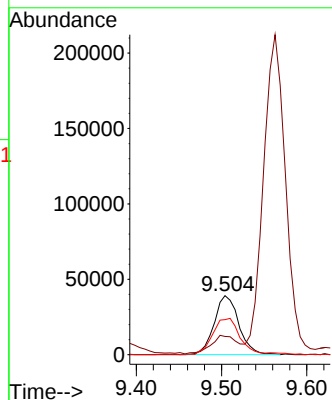
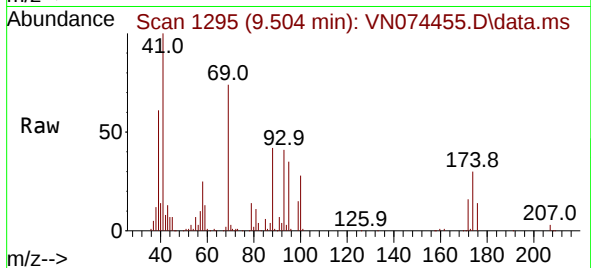
#49
1,4-Dioxane
Concen: 492.620 ug/l
RT: 9.504 min Scan# 1295
Delta R.T. 0.000 min
Lab File: VN074455.D
Acq: 15 Sep 2022 11:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 88 Resp: 78484
Ion Ratio Lower Upper
88 100
43 34.5 20.2 30.4
58 67.7 54.2 81.4

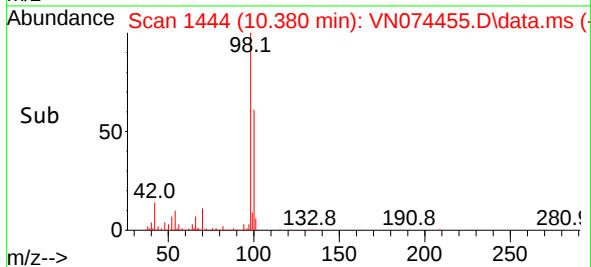
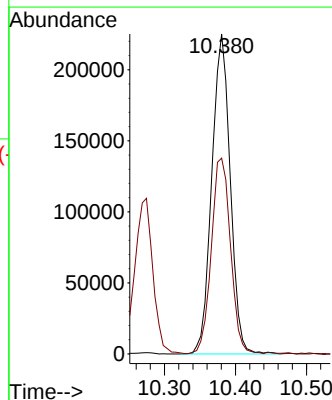
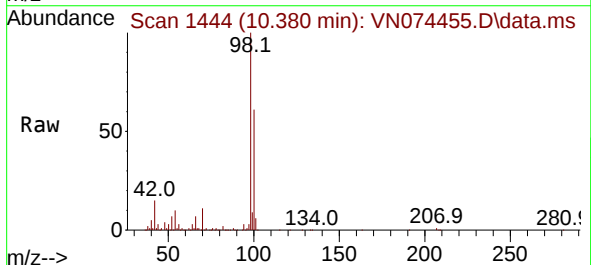
Manual Integrations
APPROVED

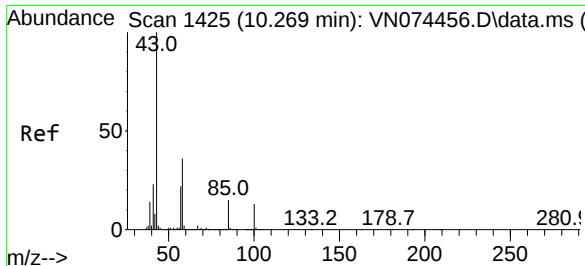
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#50
Toluene-d8
Concen: 22.055 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074455.D
Acq: 15 Sep 2022 11:24

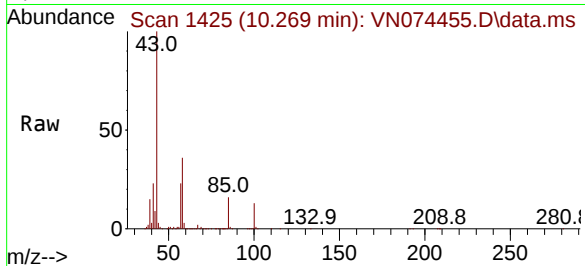
Tgt Ion: 98 Resp: 405888
Ion Ratio Lower Upper
98 100
100 63.4 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 141.327 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VN074455.D
Acq: 15 Sep 2022 11:24

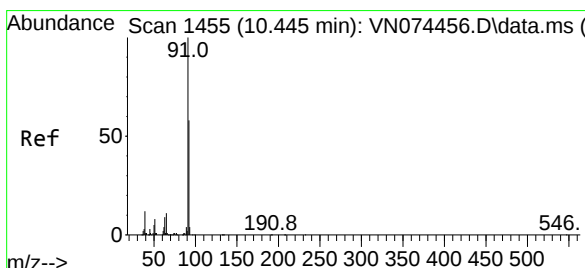
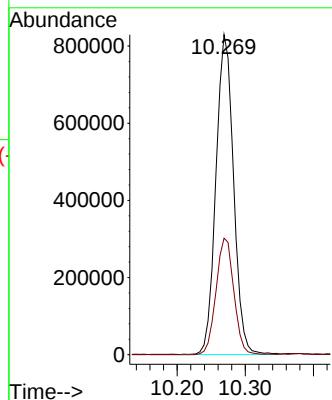
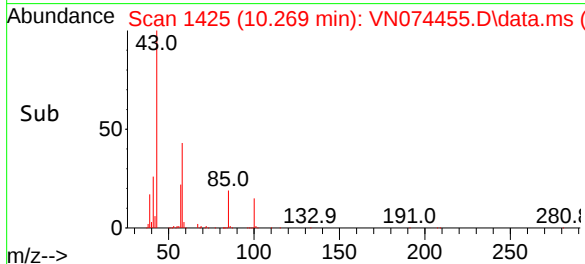
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



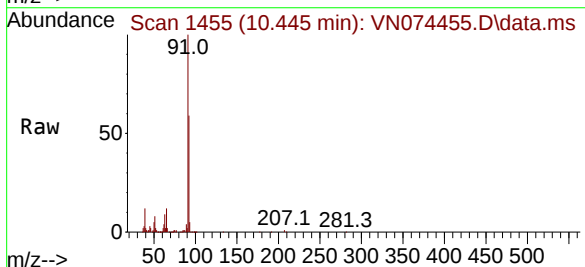
Tgt Ion: 43 Resp: 149164
Ion Ratio Lower Upper
43 100
58 36.9 34.1 51.1

Manual Integrations
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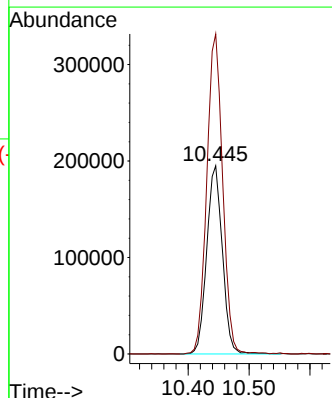
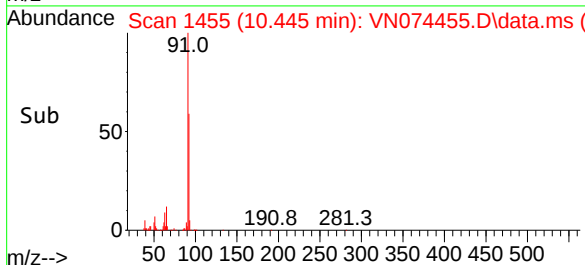
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

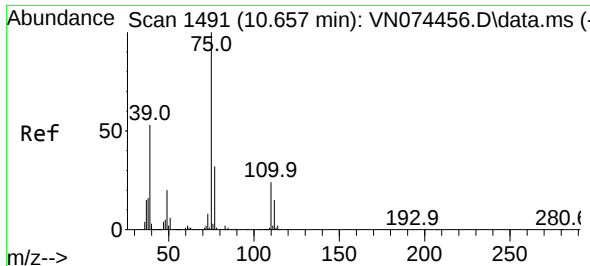


#52
Toluene
Concen: 26.097 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN074455.D
Acq: 15 Sep 2022 11:24



Tgt Ion: 92 Resp: 348079
Ion Ratio Lower Upper
92 100
91 171.9 138.6 207.8





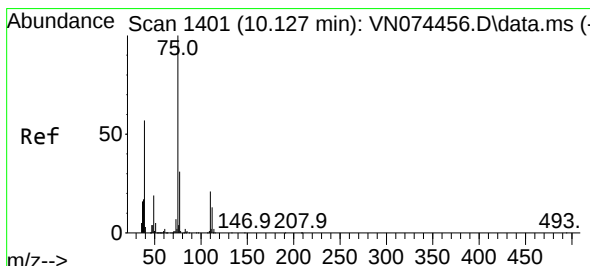
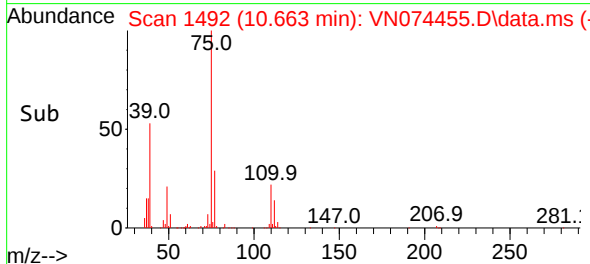
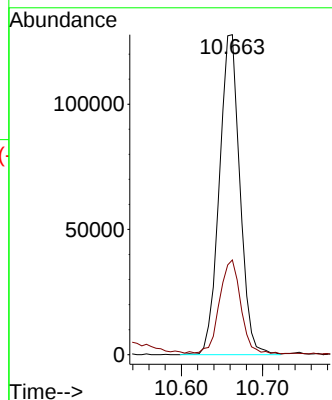
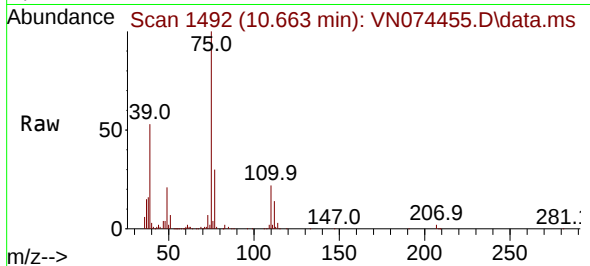
#53
 t-1,3-Dichloropropene
 Concen: 27.775 ug/l
 RT: 10.663 min Scan# 1491
 Delta R.T. 0.006 min
 Lab File: VN074455.D
 Acq: 15 Sep 2022 11:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tgt Ion: 75 Resp: 22560
 Ion Ratio Lower Upper
 75 100
 77 29.3 25.6 38.4

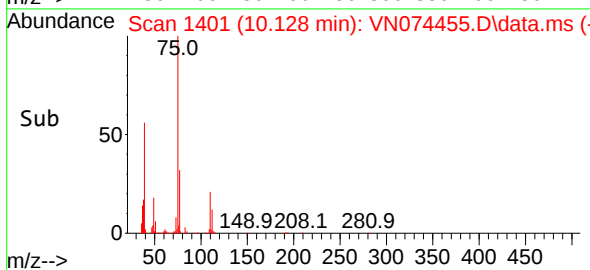
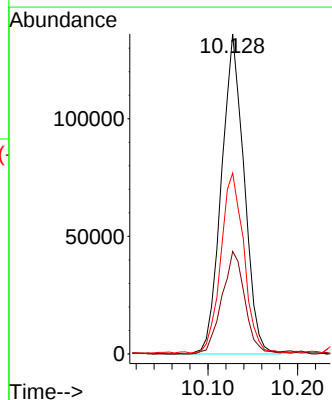
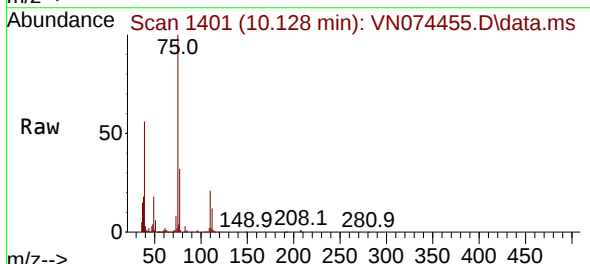
Manual Integrations
 APPROVED

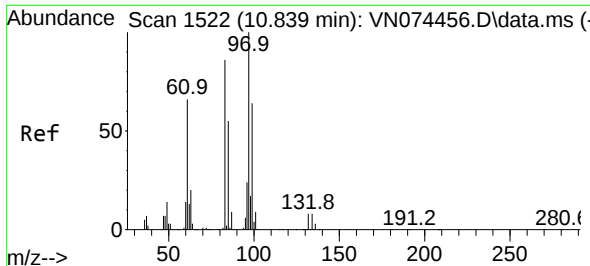
Reviewed By :John Carlone 09/16/2022
 Supervised By :Mahesh Dadoda 09/16/2022



#54
 cis-1,3-Dichloropropene
 Concen: 26.958 ug/l
 RT: 10.128 min Scan# 1401
 Delta R.T. 0.000 min
 Lab File: VN074455.D
 Acq: 15 Sep 2022 11:24

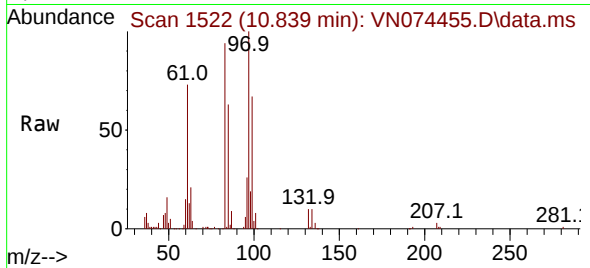
Tgt Ion: 75 Resp: 238784
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.2 37.8
 39 56.0 35.7 53.5#





#55
1,1,2-Trichloroethane
Concen: 24.081 ug/l
RT: 10.839 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VN074455.D
Acq: 15 Sep 2022 11:24

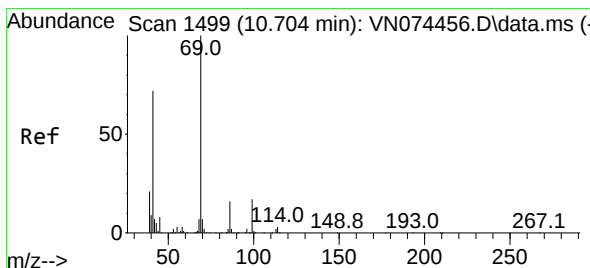
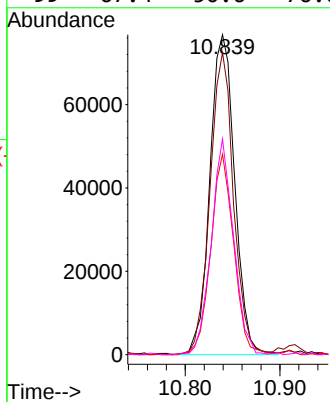
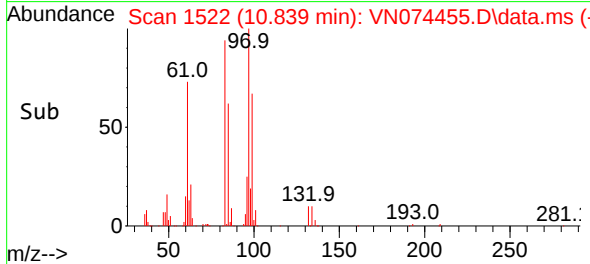
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



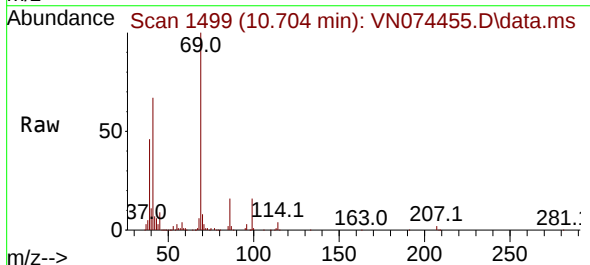
Tgt Ion	Ratio	Lower	Upper
97	100		
83	94.1	66.2	99.4
85	62.4	43.9	65.9
99	67.4	50.6	76.0

Manual Integrations
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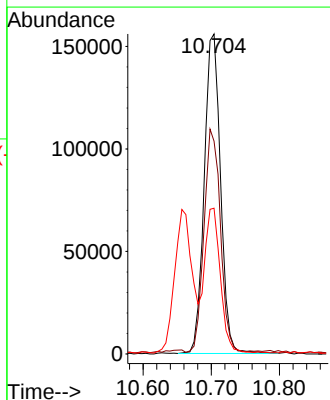
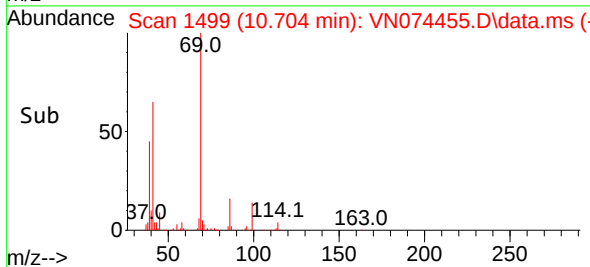
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

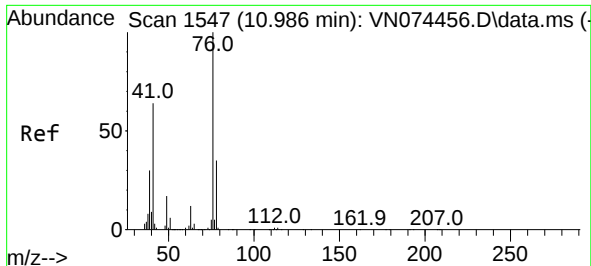


#56
Ethyl methacrylate
Concen: 27.439 ug/l
RT: 10.704 min Scan# 1499
Delta R.T. 0.000 min
Lab File: VN074455.D
Acq: 15 Sep 2022 11:24



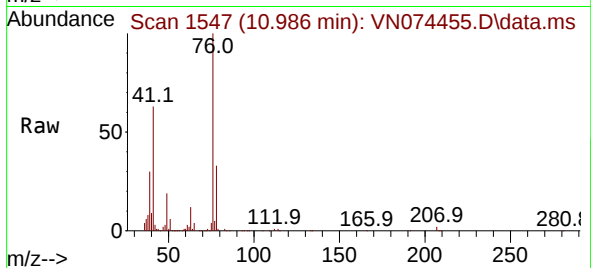
Tgt Ion	Ratio	Lower	Upper
69	100		
41	70.4	47.8	71.6
39	43.9	27.3	40.9





#57
1,3-Dichloropropane
Concen: 25.784 ug/l
RT: 10.986 min Scan# 1547
Delta R.T. 0.000 min
Lab File: VN074455.D
Acq: 15 Sep 2022 11:24

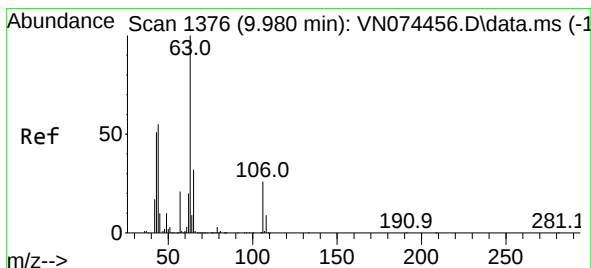
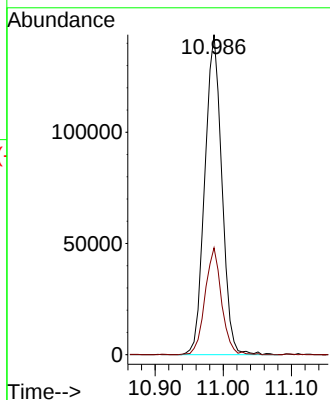
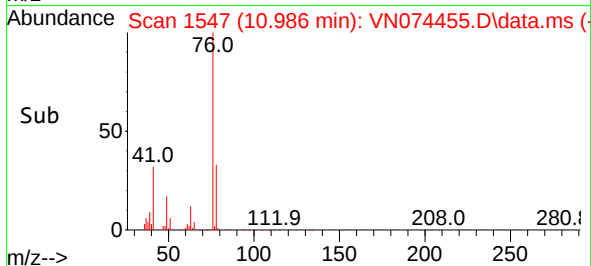
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



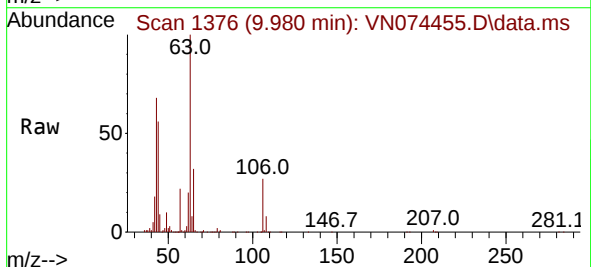
Tgt Ion: 76 Resp: 250890
Ion Ratio Lower Upper
76 100
78 32.4 26.2 39.2

Manual Integrations
APPROVED

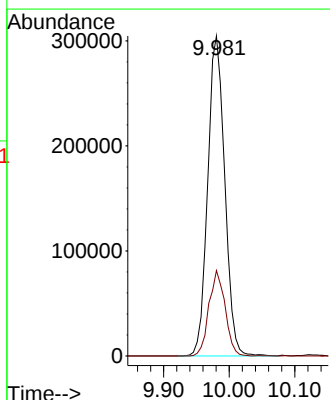
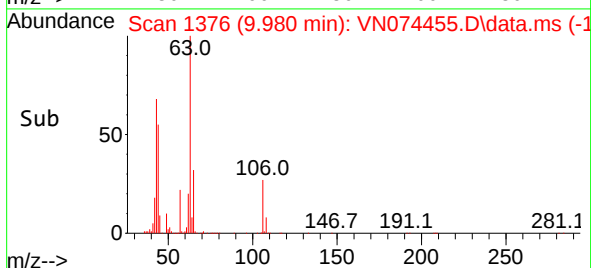
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

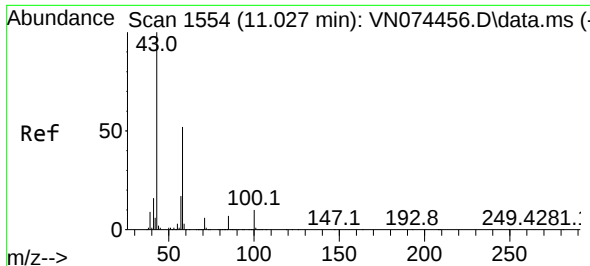


#58
2-Chloroethyl Vinyl ether
Concen: 131.703 ug/l
RT: 9.980 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VN074455.D
Acq: 15 Sep 2022 11:24



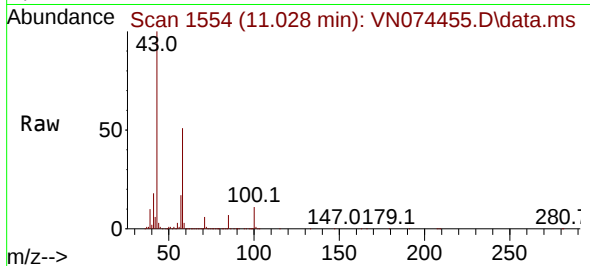
Tgt Ion: 63 Resp: 548966
Ion Ratio Lower Upper
63 100
106 25.4 24.6 36.8





#59
2-Hexanone
Concen: 139.734 ug/l
RT: 11.028 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VN074455.D
Acq: 15 Sep 2022 11:24

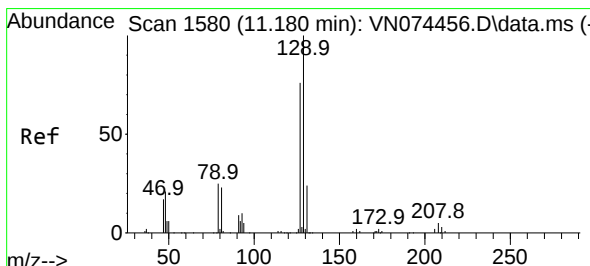
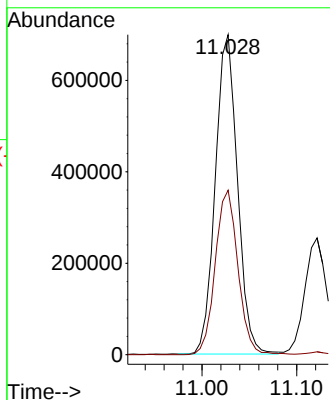
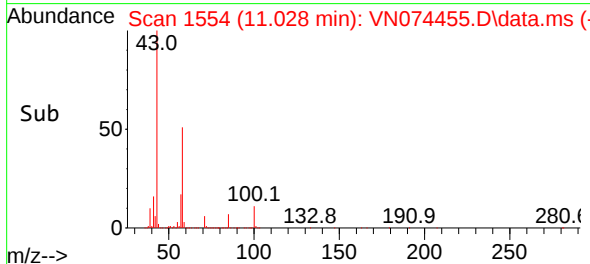
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 113788
Ion Ratio Lower Upper
43 100
58 52.8 29.7 89.1

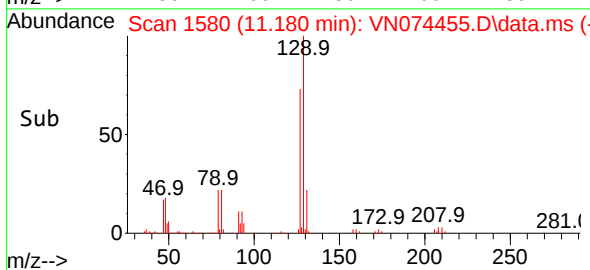
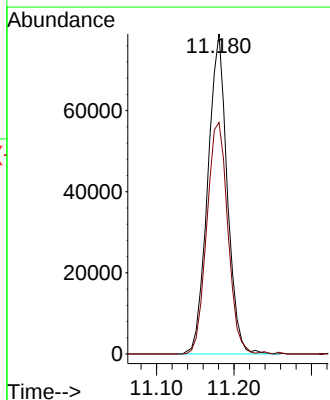
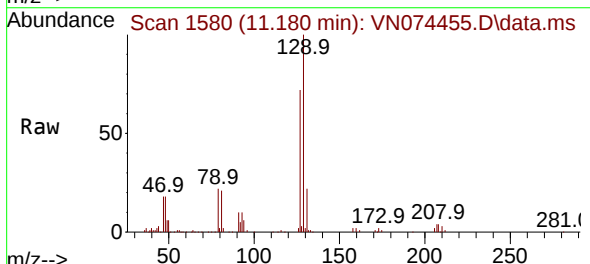
Manual Integrations
APPROVED

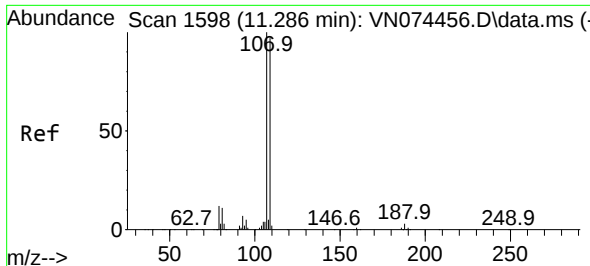
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#60
Dibromochloromethane
Concen: 25.355 ug/l
RT: 11.180 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VN074455.D
Acq: 15 Sep 2022 11:24

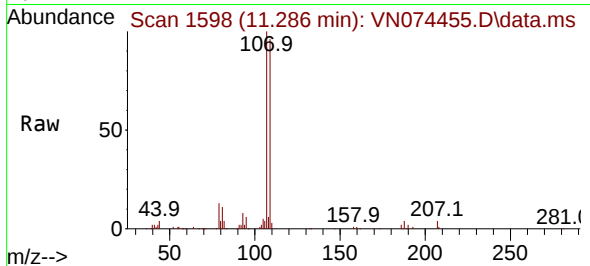
Tgt Ion:129 Resp: 137904
Ion Ratio Lower Upper
129 100
127 78.1 38.8 116.4





#61
1,2-Dibromoethane
Concen: 23.795 ug/l
RT: 11.286 min Scan# 1598
Delta R.T. 0.000 min
Lab File: VN074455.D
Acq: 15 Sep 2022 11:24

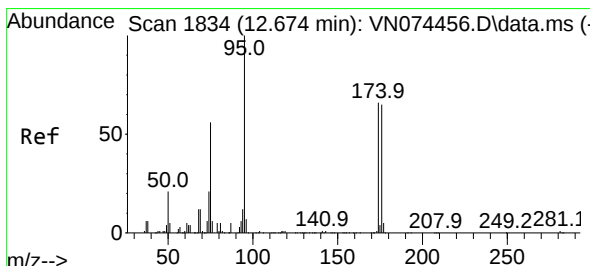
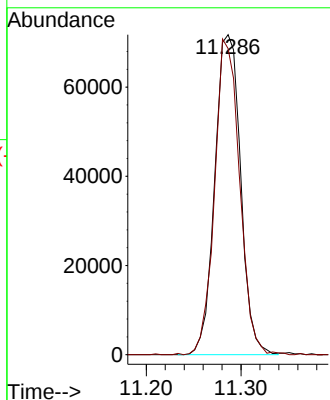
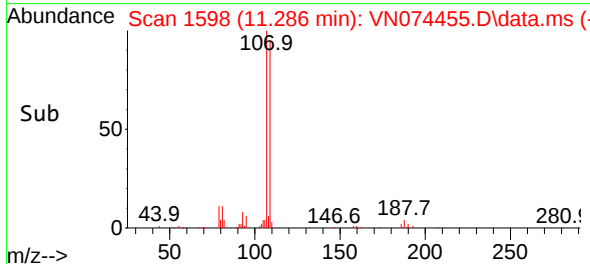
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



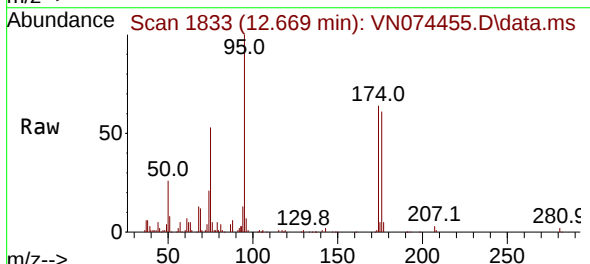
Tgt Ion:107 Resp: 135682
Ion Ratio Lower Upper
107 100
109 95.7 75.0 112.6

Manual Integrations
APPROVED

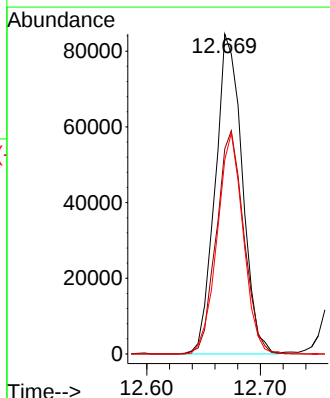
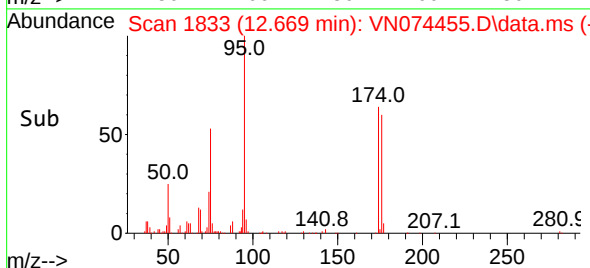
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

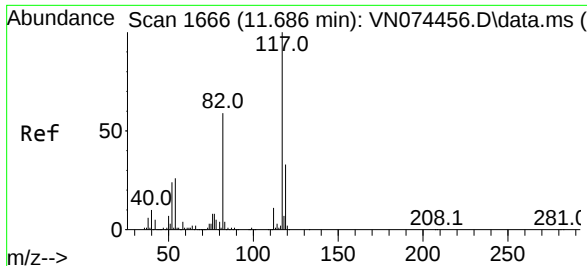


#62
4-Bromofluorobenzene
Concen: 21.039 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN074455.D
Acq: 15 Sep 2022 11:24



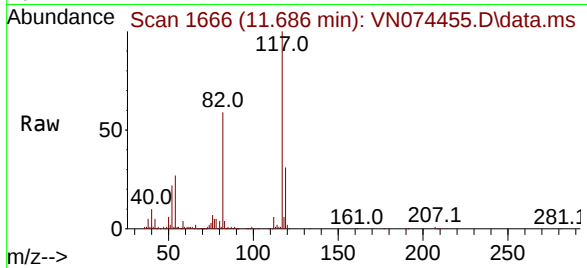
Tgt Ion: 95 Resp: 139474
Ion Ratio Lower Upper
95 100
174 70.7 0.0 167.6
176 66.6 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074455.D
Acq: 15 Sep 2022 11:24

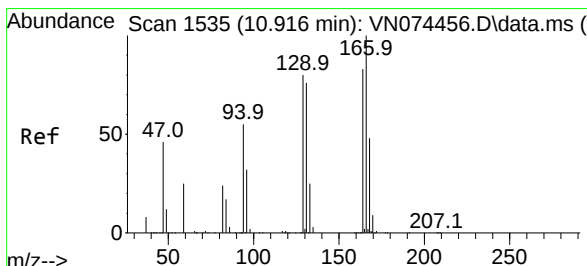
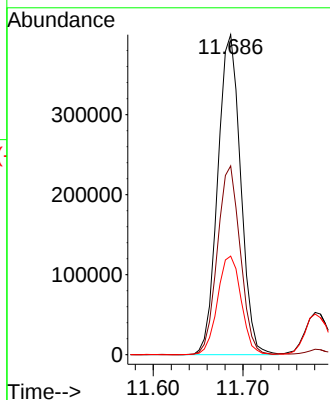
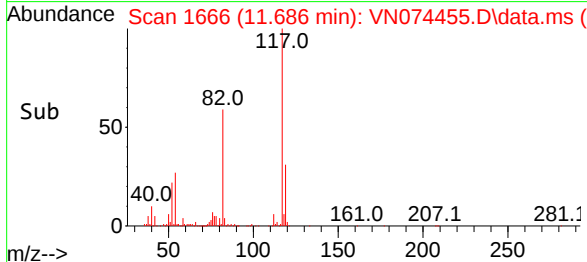
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



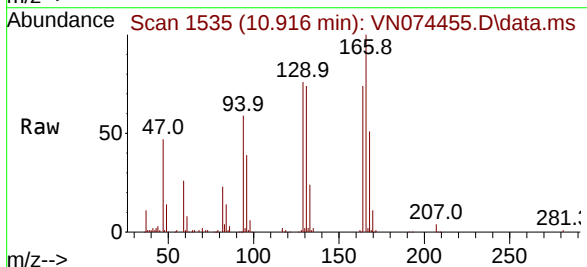
Tgt Ion:117 Resp: 70840
Ion Ratio Lower Upper
117 100
82 59.0 44.2 66.2
119 30.8 25.4 38.0

Manual Integrations
APPROVED

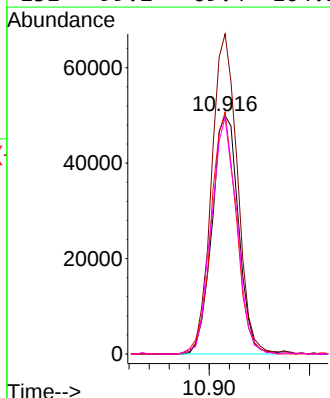
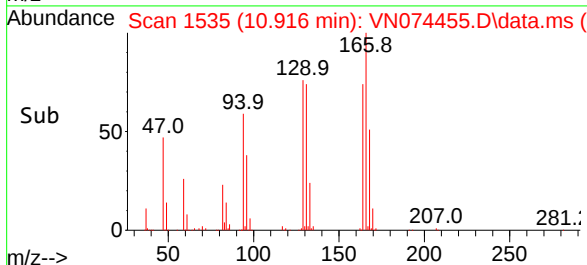
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

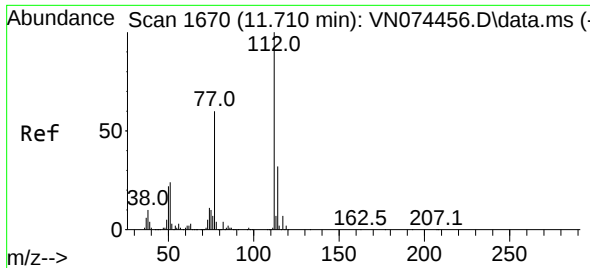


#64
Tetrachloroethene
Concen: 21.169 ug/l
RT: 10.916 min Scan# 1535
Delta R.T. 0.000 min
Lab File: VN074455.D
Acq: 15 Sep 2022 11:24



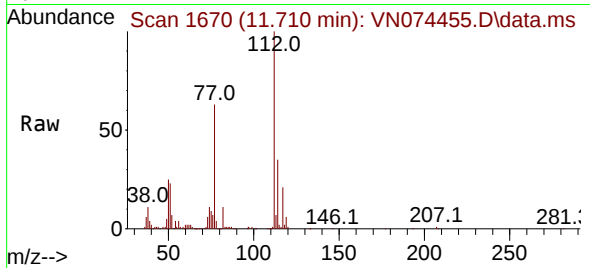
Tgt Ion:164 Resp: 91487
Ion Ratio Lower Upper
164 100
166 134.3 104.2 156.2
129 101.5 73.9 110.9
131 99.2 69.4 104.2





#65
Chlorobenzene
Concen: 24.540 ug/l
RT: 11.710 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VN074455.D
Acq: 15 Sep 2022 11:24

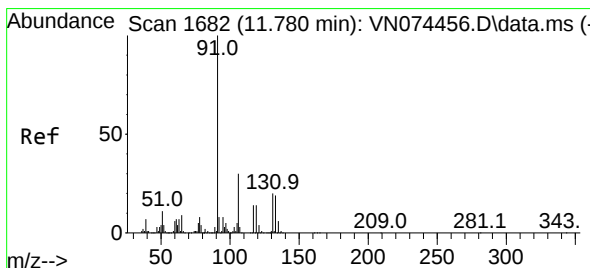
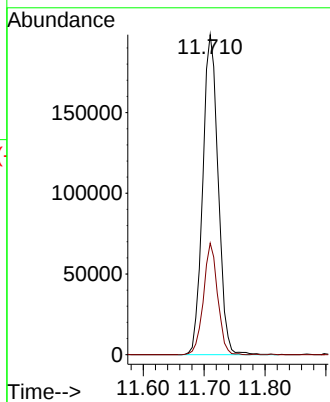
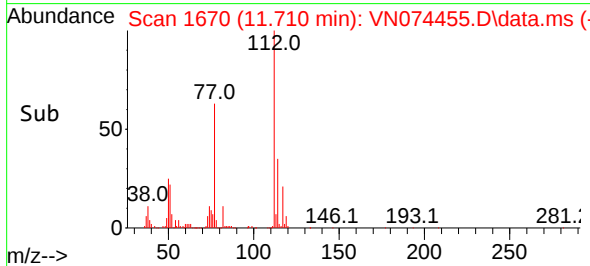
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



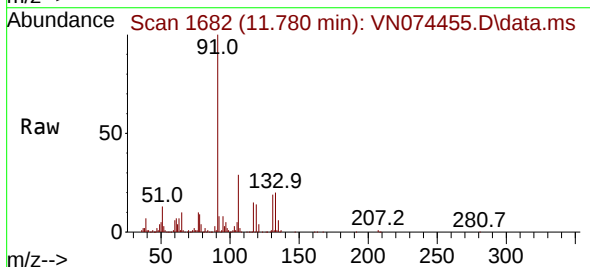
Tgt Ion:112 Resp: 348529
Ion Ratio Lower Upper
112 100
114 34.9 25.4 38.2

Manual Integrations
APPROVED

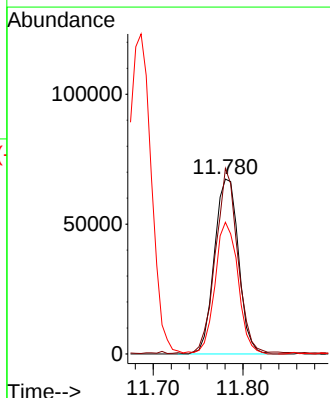
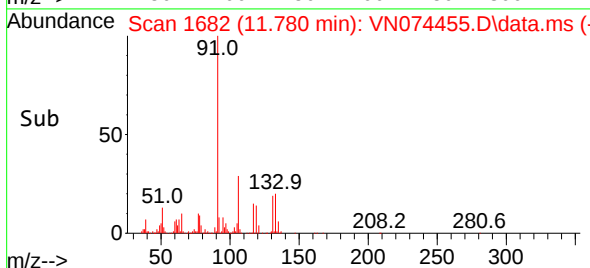
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

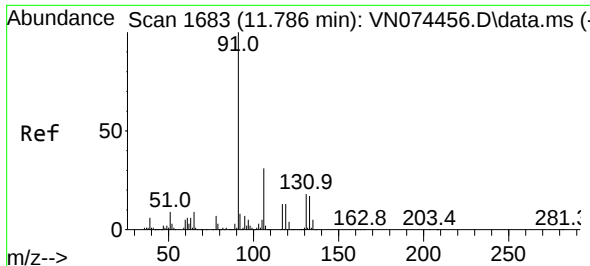


#66
1,1,1,2-Tetrachloroethane
Concen: 23.497 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN074455.D
Acq: 15 Sep 2022 11:24



Tgt Ion:131 Resp: 125963
Ion Ratio Lower Upper
131 100
133 99.5 47.8 143.4
119 71.6 33.4 100.2





#67

Ethyl Benzene

Concen: 26.096 ug/l

RT: 11.786 min Scan# 1683

Delta R.T. 0.000 min

Lab File: VN074455.D

Acq: 15 Sep 2022 11:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 91 Resp: 659429

Ion Ratio Lower Upper

91 100

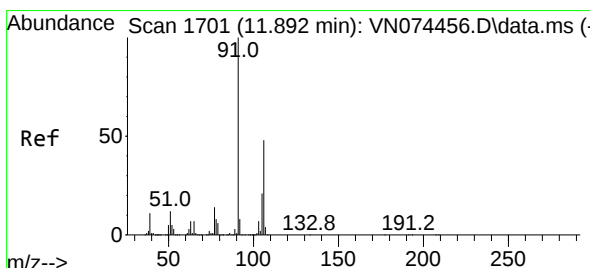
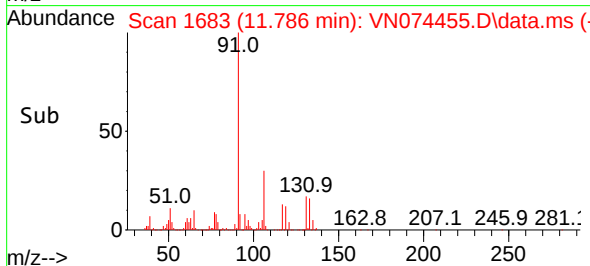
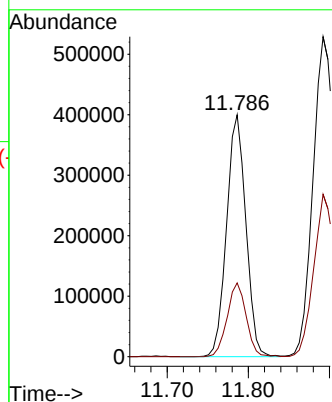
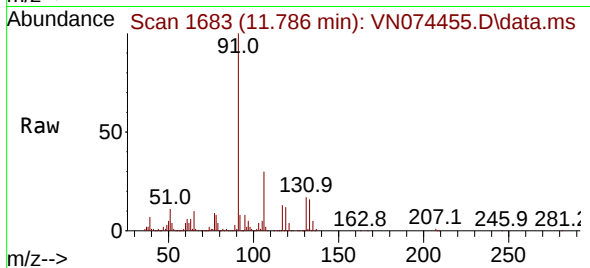
106 30.5 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#68

m/p-Xylenes

Concen: 50.305 ug/l

RT: 11.892 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VN074455.D

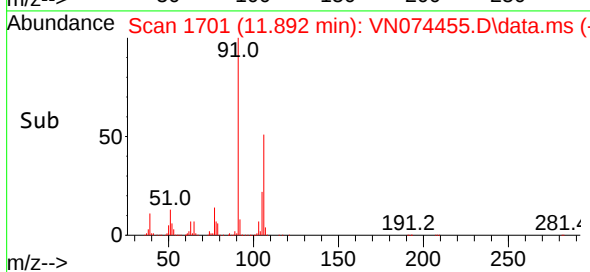
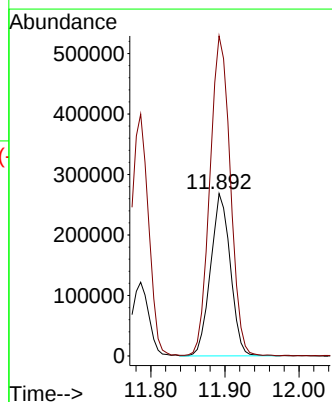
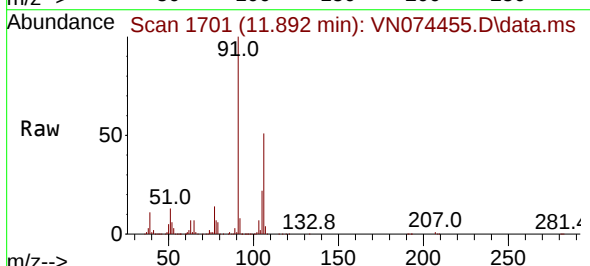
Acq: 15 Sep 2022 11:24

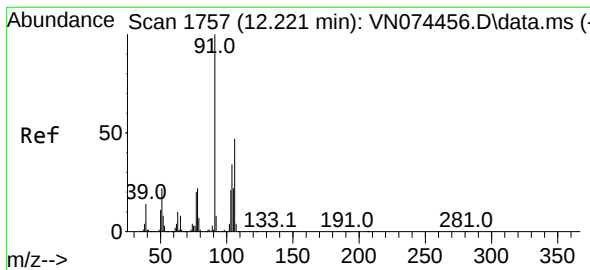
Tgt Ion:106 Resp: 496265

Ion Ratio Lower Upper

106 100

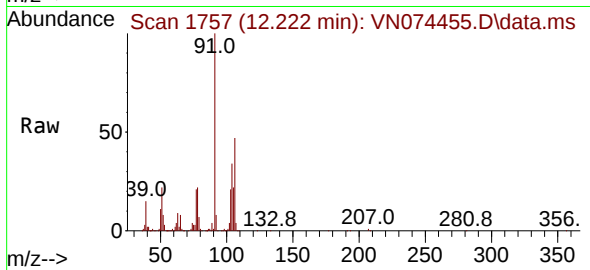
91 204.0 158.9 238.3





#69
o-Xylene
Concen: 25.447 ug/l
RT: 12.222 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VN074455.D
Acq: 15 Sep 2022 11:24

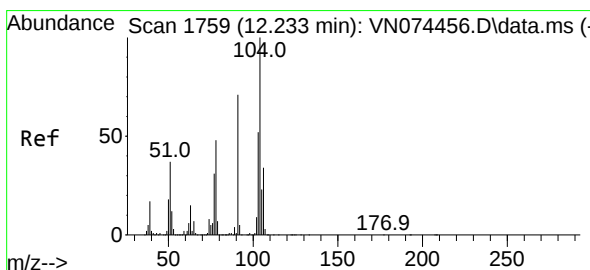
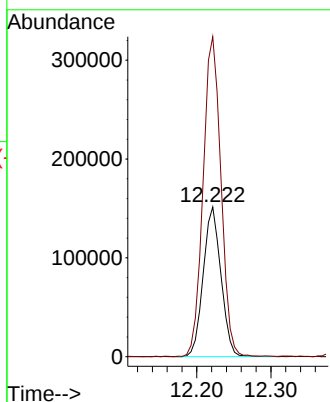
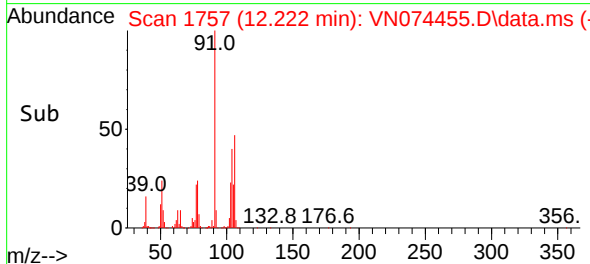
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion:106 Resp: 251520
Ion Ratio Lower Upper
106 100
91 215.6 106.0 318.0

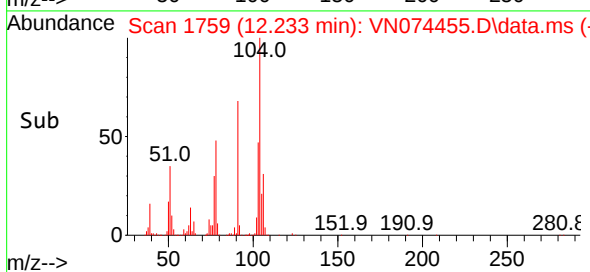
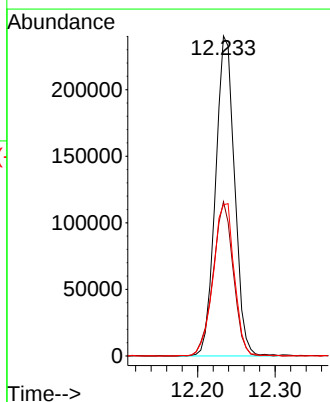
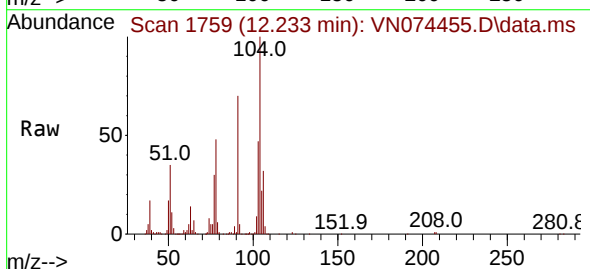
Manual Integrations
APPROVED

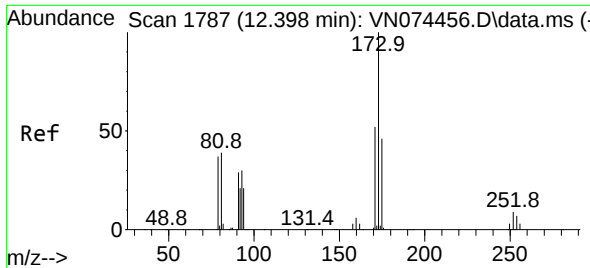
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#70
Styrene
Concen: 25.769 ug/l
RT: 12.233 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN074455.D
Acq: 15 Sep 2022 11:24

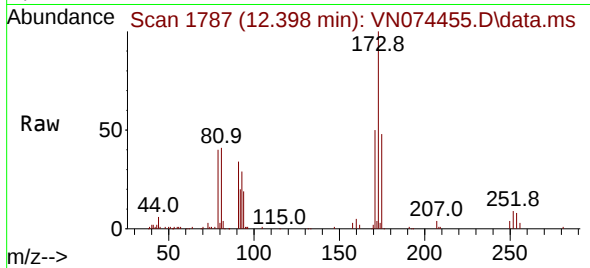
Tgt Ion:104 Resp: 410333
Ion Ratio Lower Upper
104 100
78 51.0 39.5 59.3
103 52.9 44.0 66.0





#71
Bromoform
Concen: 23.716 ug/l
RT: 12.398 min Scan# 1787
Delta R.T. 0.000 min
Lab File: VN074455.D
Acq: 15 Sep 2022 11:24

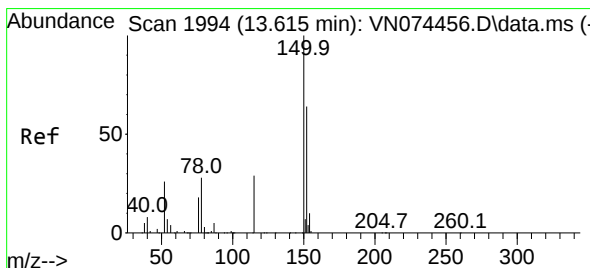
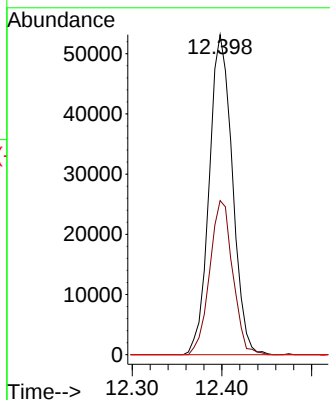
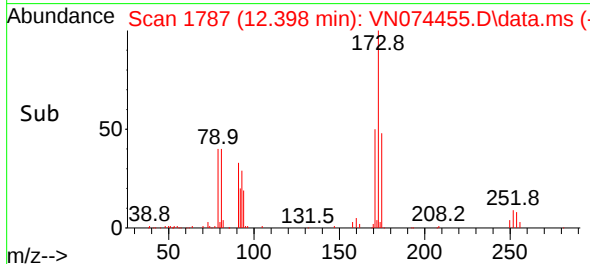
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



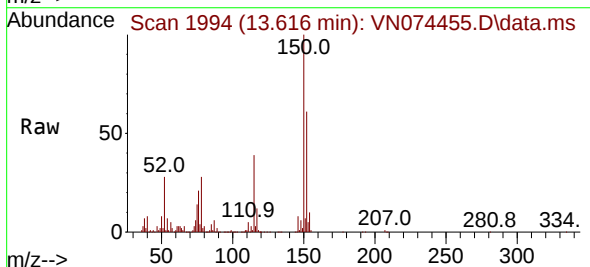
Tgt Ion:173 Resp: 95324
Ion Ratio Lower Upper
173 100
175 47.9 24.6 73.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

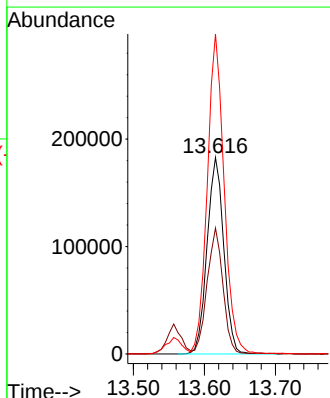
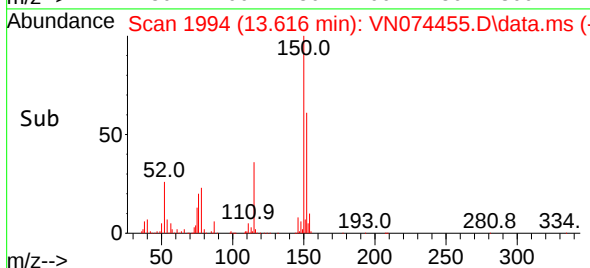
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

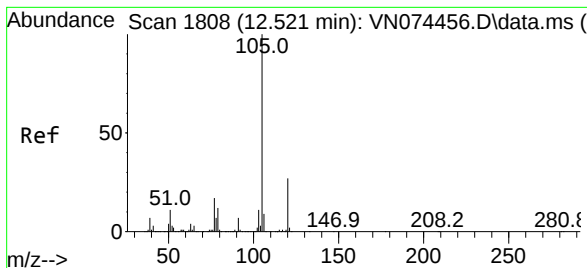


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN074455.D
Acq: 15 Sep 2022 11:24



Tgt Ion:152 Resp: 299074
Ion Ratio Lower Upper
152 100
115 60.2 28.9 86.7
150 163.2 0.0 356.2





#73

Isopropylbenzene

Concen: 26.354 ug/l

RT: 12.522 min Scan# 1808

Delta R.T. 0.000 min

Lab File: VN074455.D

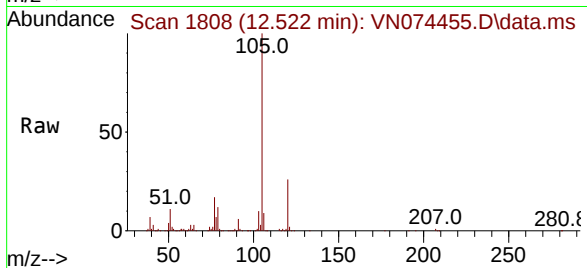
Acq: 15 Sep 2022 11:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020



Tgt Ion:105 Resp: 629230

Ion Ratio Lower Upper

105 100

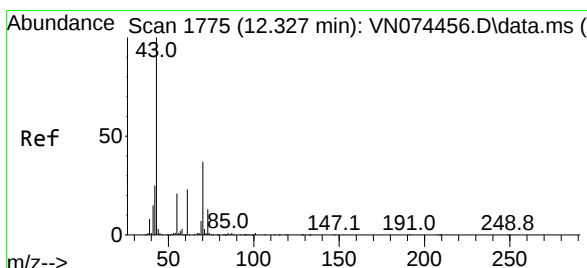
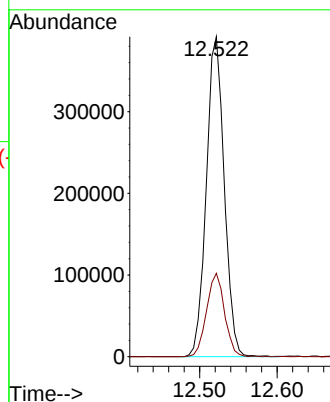
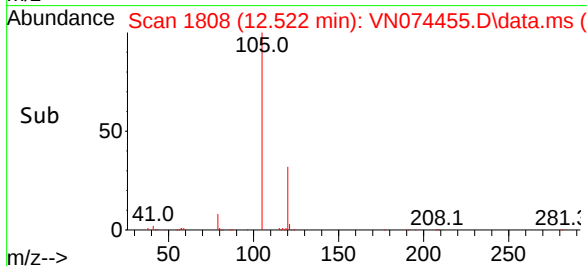
120 26.1 13.5 40.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#74

N-ethyl acetate

Concen: 30.041 ug/l

RT: 12.327 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN074455.D

Acq: 15 Sep 2022 11:24

Tgt Ion: 43 Resp: 382999

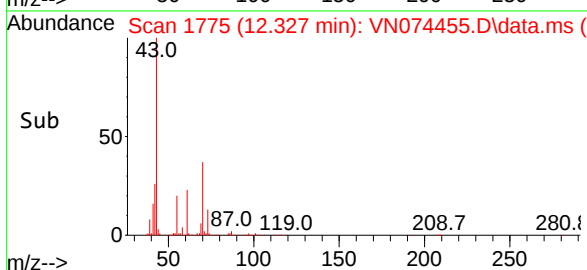
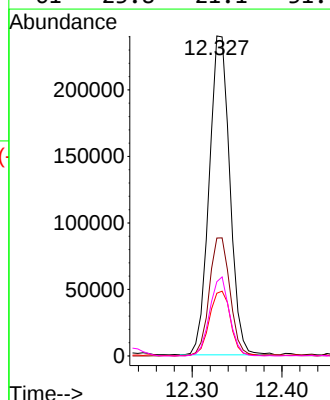
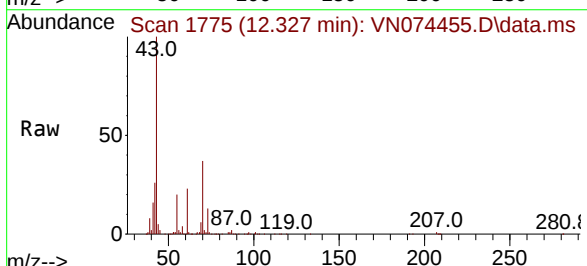
Ion Ratio Lower Upper

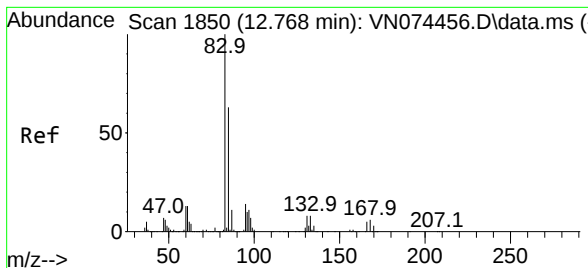
43 100

70 37.4 39.0 58.4#

55 20.8 21.1 31.7#

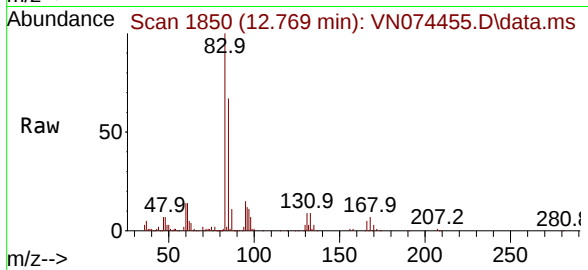
61 23.8 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 27.880 ug/l
RT: 12.769 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VN074455.D
Acq: 15 Sep 2022 11:24

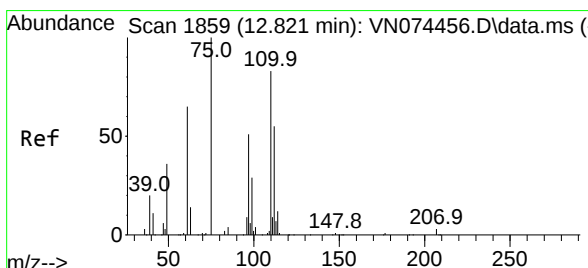
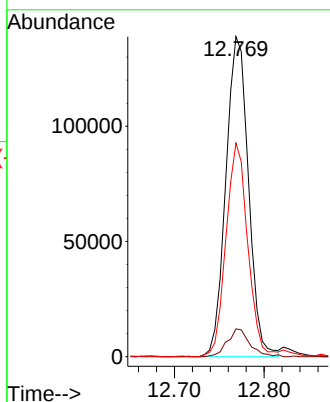
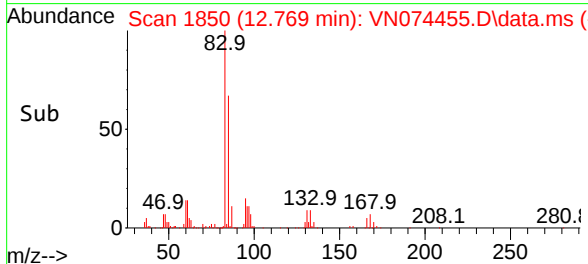
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion: 83 Resp: 243120
Ion Ratio Lower Upper
83 100
131 8.7 5.3 15.9
85 64.1 32.3 96.9

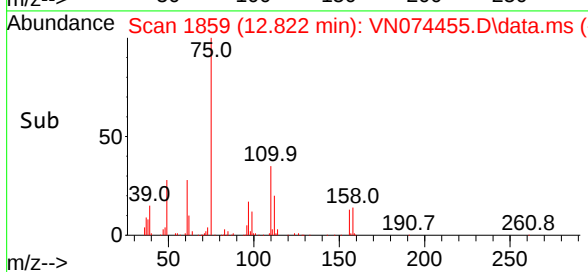
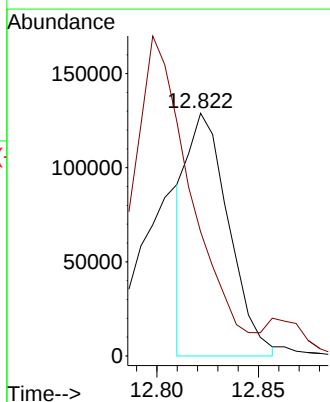
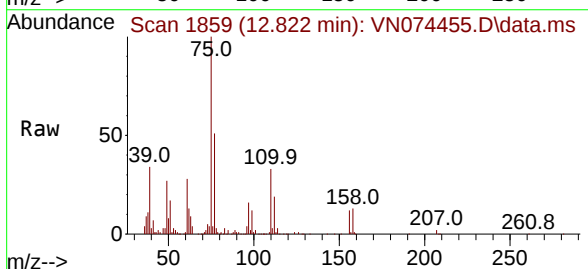
Manual Integrations
APPROVED

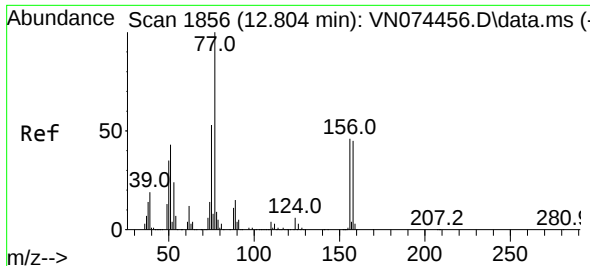
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#76
1,2,3-Trichloropropane
Concen: 24.589 ug/l m
RT: 12.822 min Scan# 1859
Delta R.T. 0.000 min
Lab File: VN074455.D
Acq: 15 Sep 2022 11:24

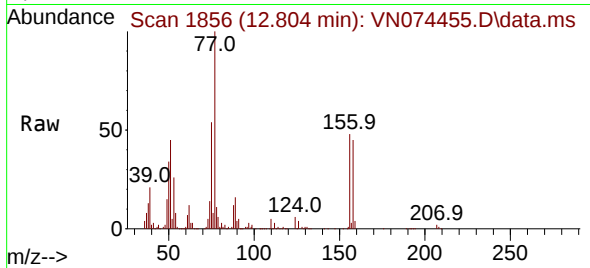
Tgt Ion: 75 Resp: 184553
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5#





#77
Bromobenzene
Concen: 23.291 ug/l
RT: 12.804 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VN074455.D
Acq: 15 Sep 2022 11:24

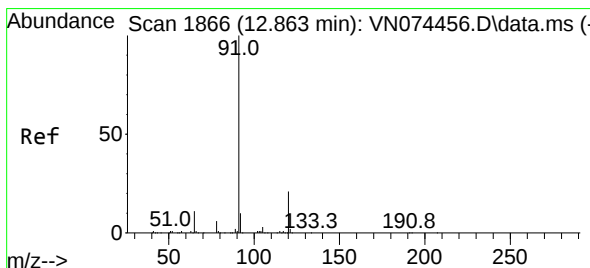
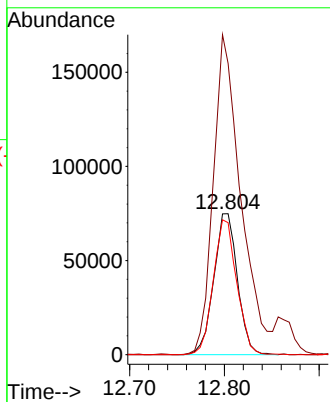
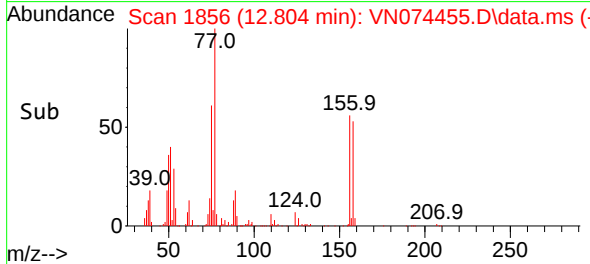
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



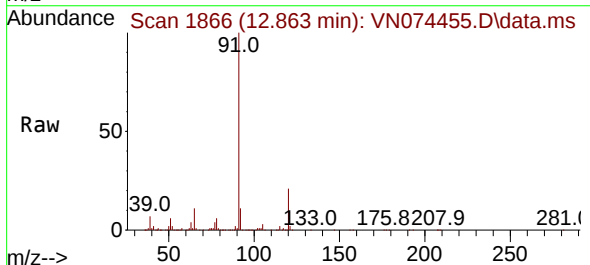
Tgt Ion: 156 Resp: 129784
Ion Ratio Lower Upper
156 100
77 263.9 100.5 301.5
158 95.2 48.9 146.6

Manual Integrations
APPROVED

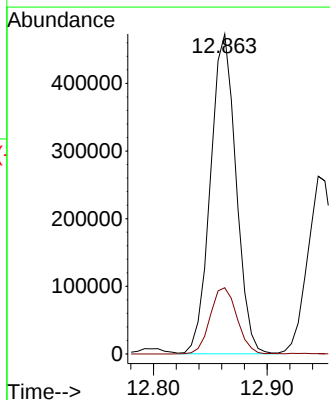
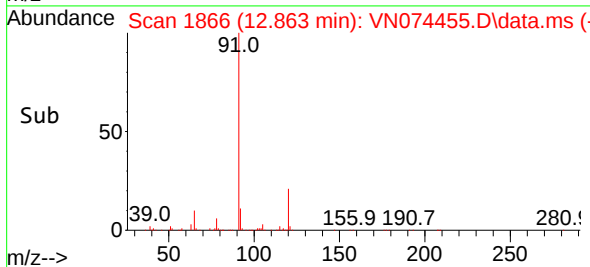
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

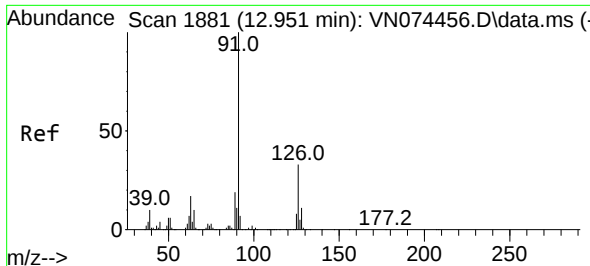


#78
n-propylbenzene
Concen: 27.762 ug/l
RT: 12.863 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VN074455.D
Acq: 15 Sep 2022 11:24



Tgt Ion: 91 Resp: 740628
Ion Ratio Lower Upper
91 100
120 21.7 11.9 35.5





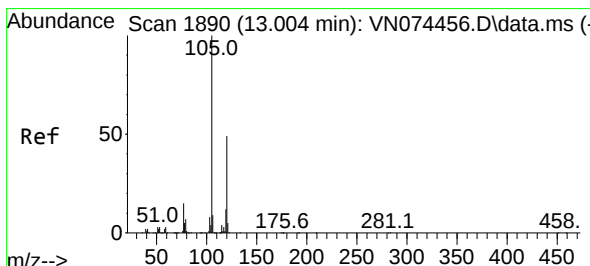
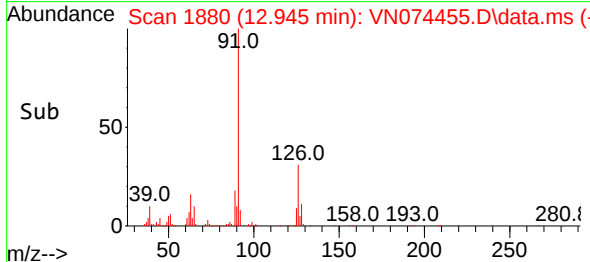
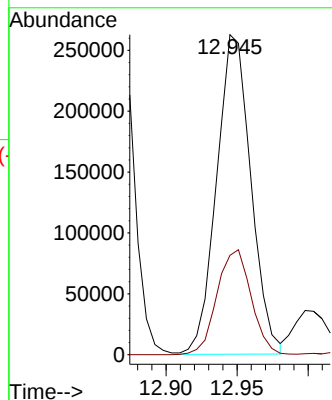
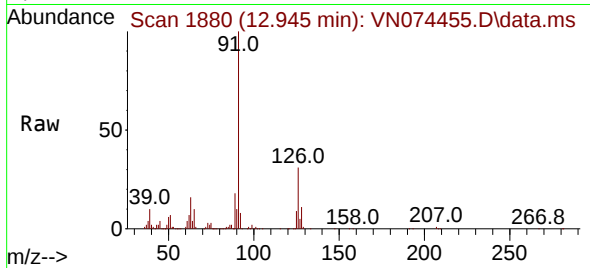
#79
2-Chlorotoluene
Concen: 25.880 ug/l
RT: 12.945 min Scan# 1880
Delta R.T. -0.006 min
Lab File: VN074455.D
Acq: 15 Sep 2022 11:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 440625
Ion Ratio Lower Upper
91 100
126 32.8 17.3 51.9

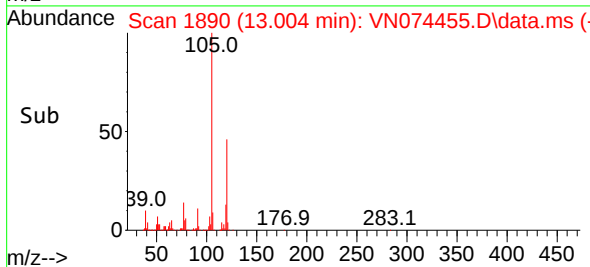
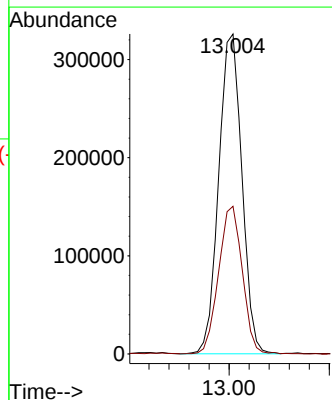
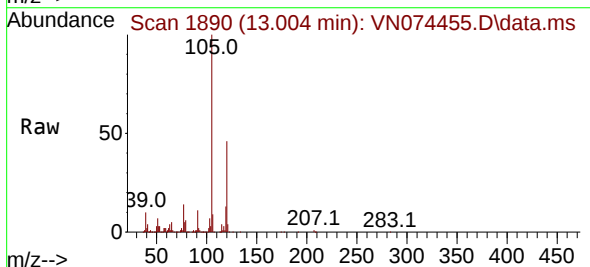
Manual Integrations
APPROVED

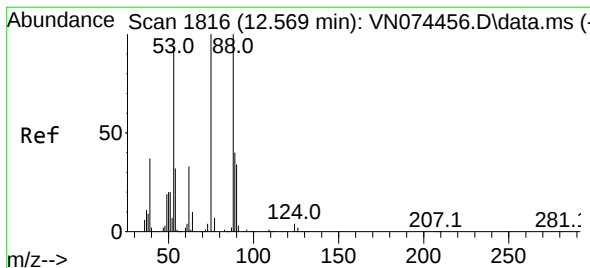
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#80
1,3,5-Trimethylbenzene
Concen: 26.683 ug/l
RT: 13.004 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VN074455.D
Acq: 15 Sep 2022 11:24

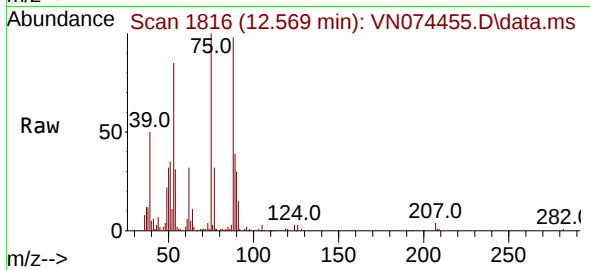
Tgt Ion:105 Resp: 522664
Ion Ratio Lower Upper
105 100
120 47.4 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 30.678 ug/l
RT: 12.569 min Scan# 1816
Delta R.T. 0.000 min
Lab File: VN074455.D
Acq: 15 Sep 2022 11:24

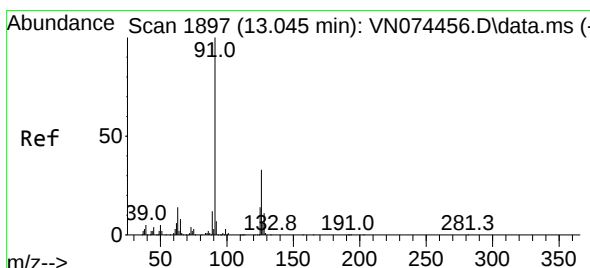
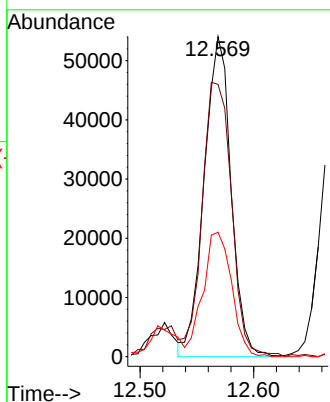
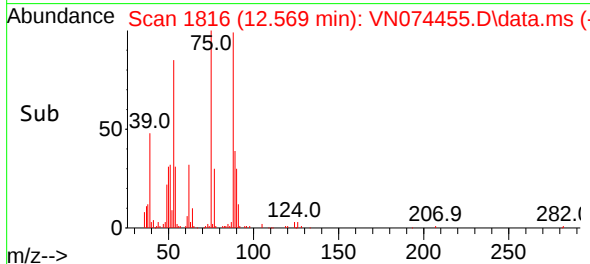
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 75 Resp: 8891
Ion Ratio Lower Upper
75 100
53 93.9 78.0 117.0
89 41.5 37.2 55.8

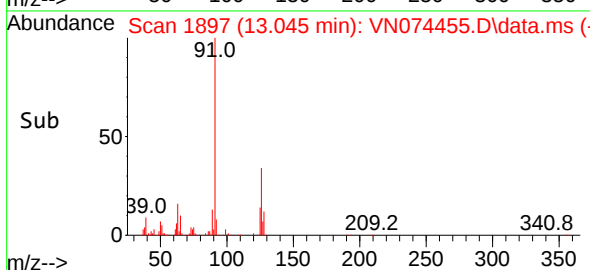
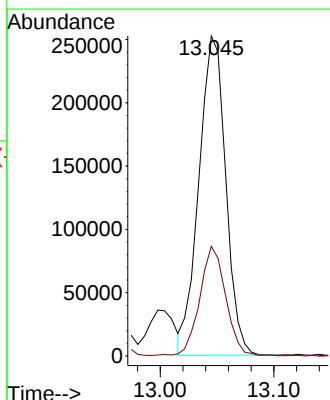
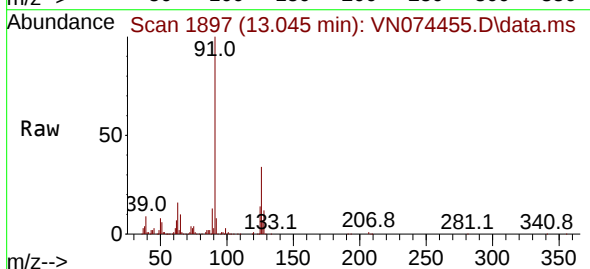
Manual Integrations
APPROVED

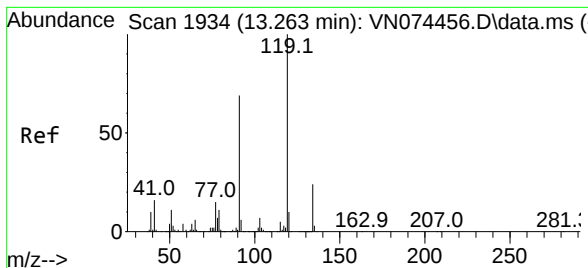
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#82
4-Chlorotoluene
Concen: 25.754 ug/l
RT: 13.045 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VN074455.D
Acq: 15 Sep 2022 11:24

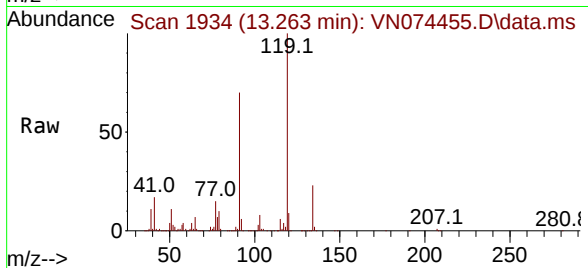
Tgt Ion: 91 Resp: 414440
Ion Ratio Lower Upper
91 100
126 33.2 17.2 51.6





#83
tert-Butylbenzene
Concen: 25.607 ug/l
RT: 13.263 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN074455.D
Acq: 15 Sep 2022 11:24

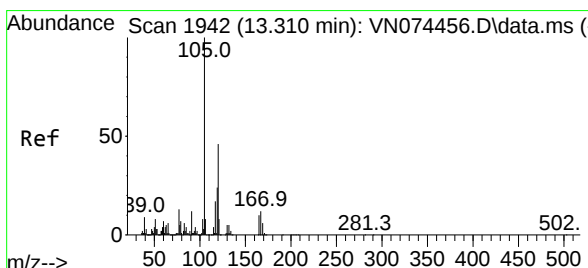
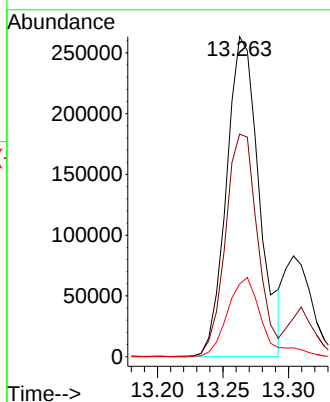
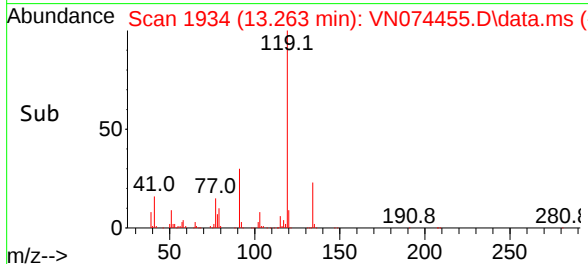
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



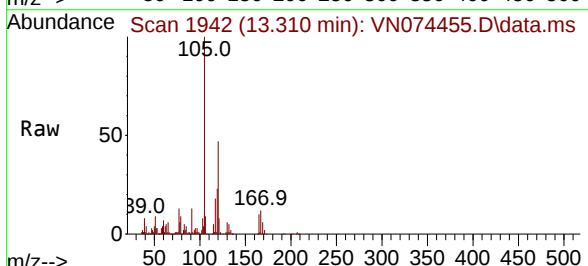
Tgt Ion:119 Resp: 457268
Ion Ratio Lower Upper
119 100
91 68.2 31.6 94.8
134 26.3 13.7 41.1

Manual Integrations
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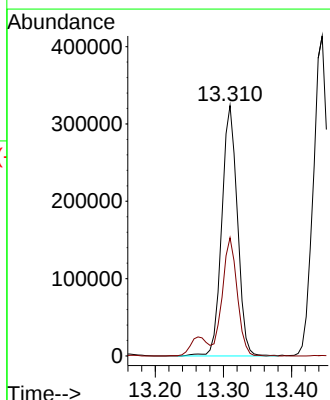
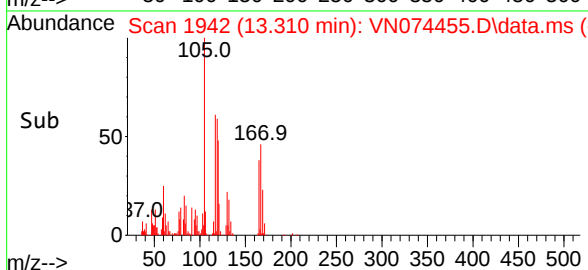
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

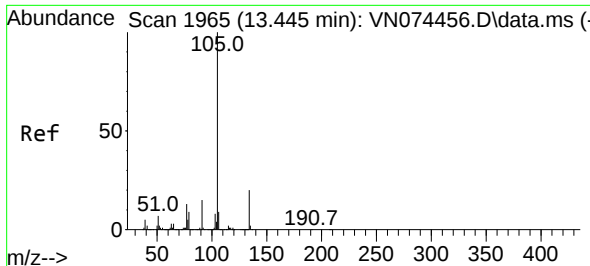


#84
1,2,4-Trimethylbenzene
Concen: 26.375 ug/l
RT: 13.310 min Scan# 1942
Delta R.T. 0.000 min
Lab File: VN074455.D
Acq: 15 Sep 2022 11:24



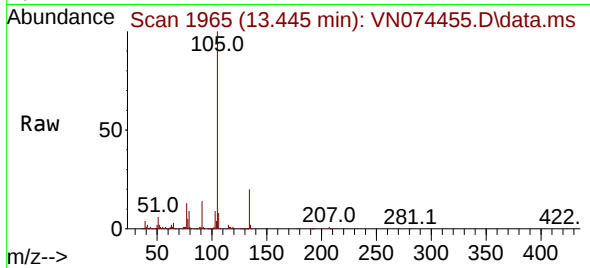
Tgt Ion:105 Resp: 515165
Ion Ratio Lower Upper
105 100
120 45.2 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 26.257 ug/l
 RT: 13.445 min Scan# 1965
 Delta R.T. 0.000 min
 Lab File: VN074455.D
 Acq: 15 Sep 2022 11:24

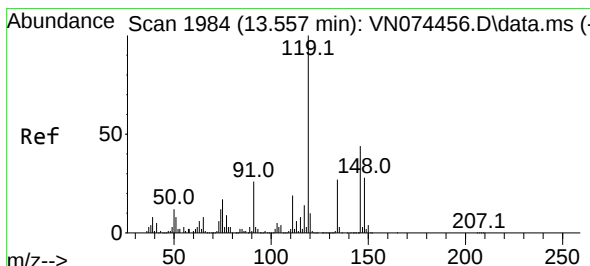
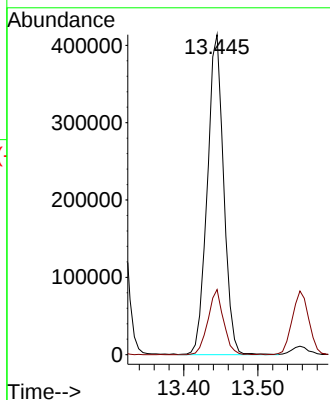
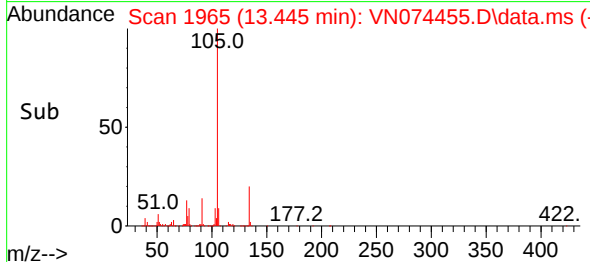
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020



Tgt Ion:105 Resp: 63293
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.4 31.1

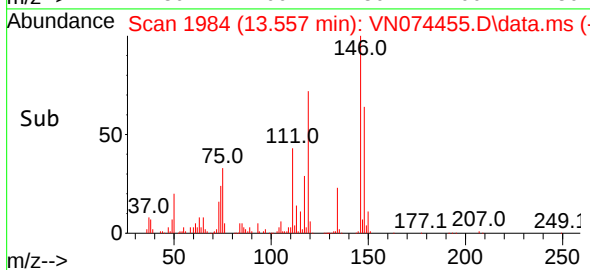
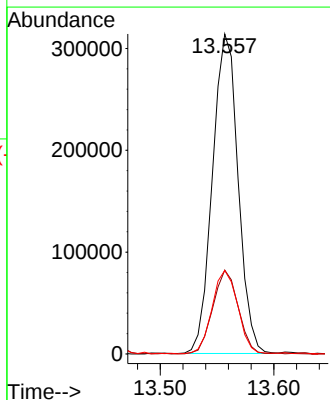
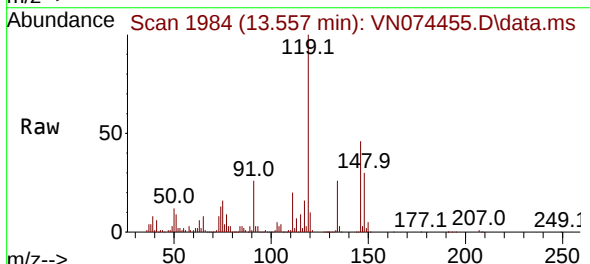
Manual Integrations
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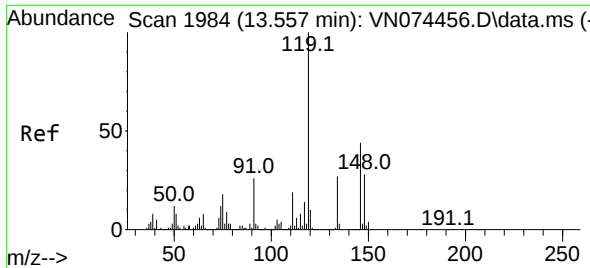
Reviewed By :John Carlone 09/16/2022
 Supervised By :Mahesh Dadoda 09/16/2022



#86
 p-Isopropyltoluene
 Concen: 25.405 ug/l
 RT: 13.557 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN074455.D
 Acq: 15 Sep 2022 11:24

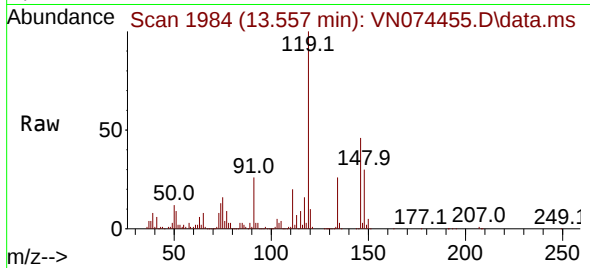
Tgt Ion:119 Resp: 492265
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.3 39.8
 91 26.1 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 23.576 ug/l
RT: 13.557 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VN074455.D
Acq: 15 Sep 2022 11:24

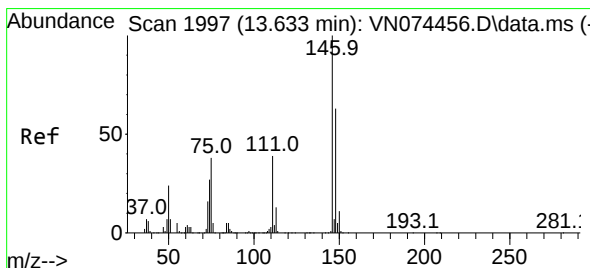
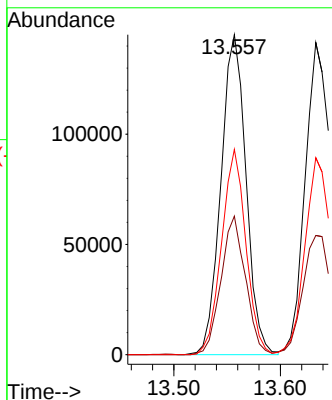
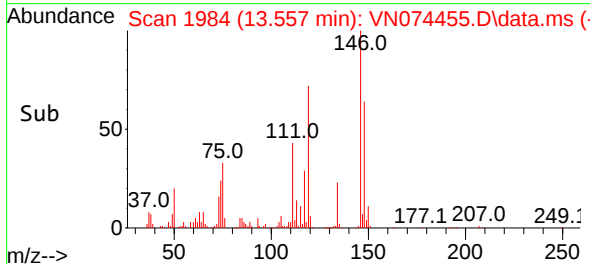
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



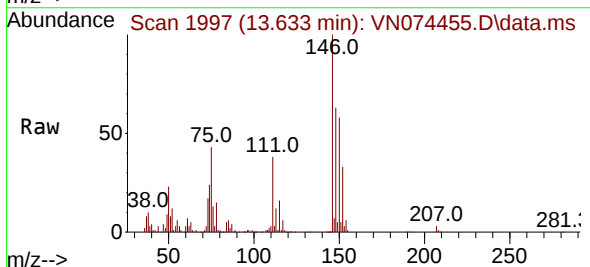
Tgt Ion:146 Resp: 237778
Ion Ratio Lower Upper
146 100
111 42.3 20.0 60.0
148 62.1 32.0 96.0

Manual Integrations
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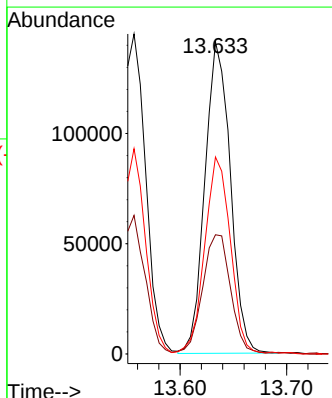
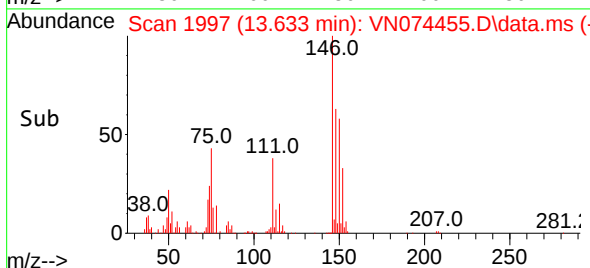
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

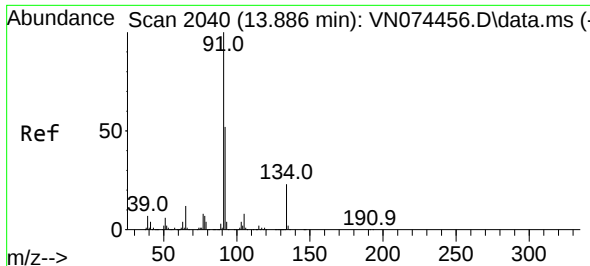


#88
1,4-Dichlorobenzene
Concen: 23.125 ug/l
RT: 13.633 min Scan# 1997
Delta R.T. 0.000 min
Lab File: VN074455.D
Acq: 15 Sep 2022 11:24



Tgt Ion:146 Resp: 234599
Ion Ratio Lower Upper
146 100
111 41.7 19.1 57.1
148 63.5 31.4 94.3





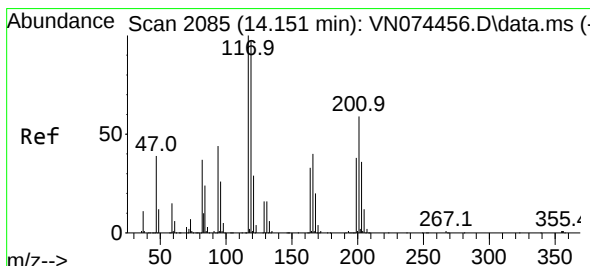
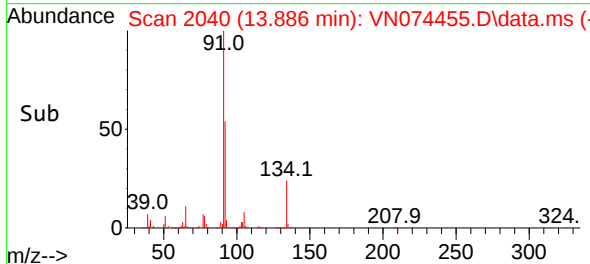
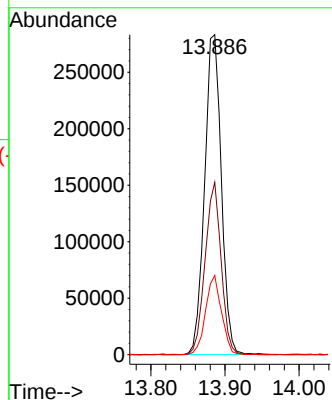
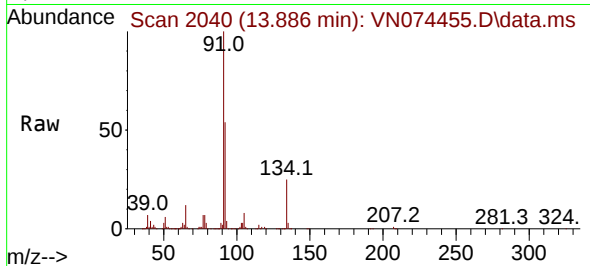
#89
n-Butylbenzene
Concen: 27.514 ug/l
RT: 13.886 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VN074455.D
Acq: 15 Sep 2022 11:24

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 443762
Ion Ratio Lower Upper
91 100
92 51.7 26.9 80.7
134 23.7 13.6 40.8

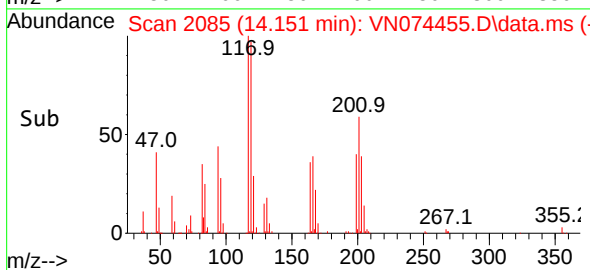
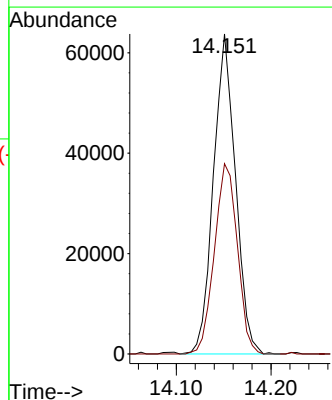
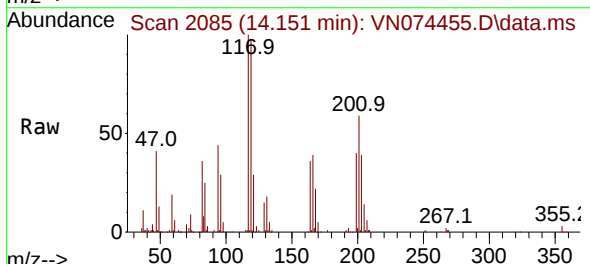
Manual Integrations
APPROVED

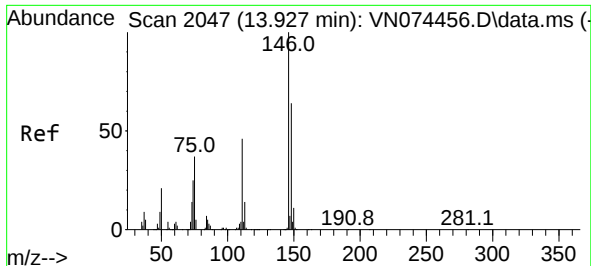
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#90
Hexachloroethane
Concen: 27.670 ug/l
RT: 14.151 min Scan# 2085
Delta R.T. 0.000 min
Lab File: VN074455.D
Acq: 15 Sep 2022 11:24

Tgt Ion:117 Resp: 103054
Ion Ratio Lower Upper
117 100
201 62.0 40.6 122.0





#91

1,2-Dichlorobenzene

Concen: 23.960 ug/l

RT: 13.927 min Scan# 2047

Delta R.T. 0.000 min

Lab File: VN074455.D

Acq: 15 Sep 2022 11:24

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion:146 Resp: 250504

Ion Ratio Lower Upper

146 100

111 41.4 20.9 62.8

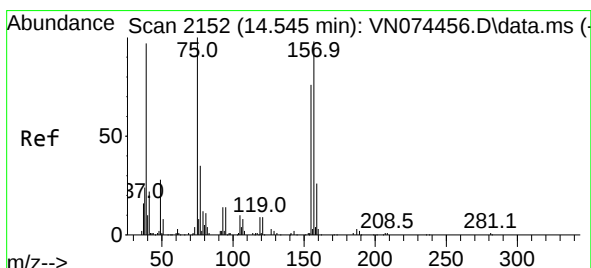
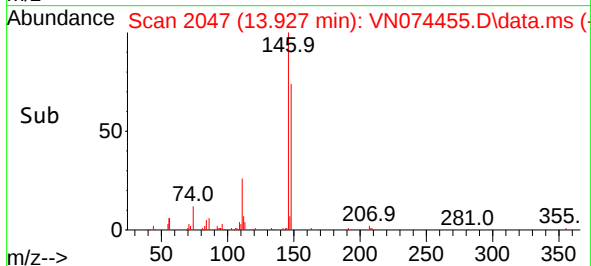
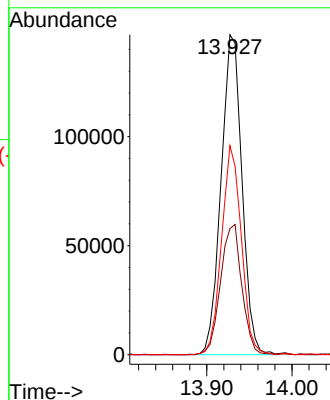
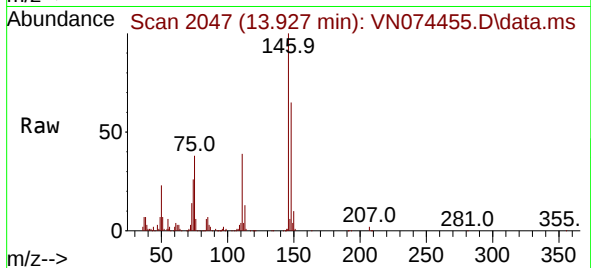
148 61.7 32.1 96.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/16/2022

Supervised By :Mahesh Dadoda 09/16/2022



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.548 ug/l

RT: 14.545 min Scan# 2152

Delta R.T. 0.000 min

Lab File: VN074455.D

Acq: 15 Sep 2022 11:24

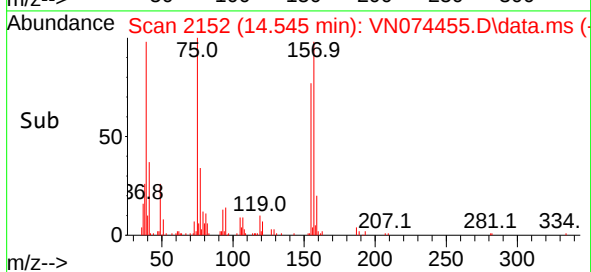
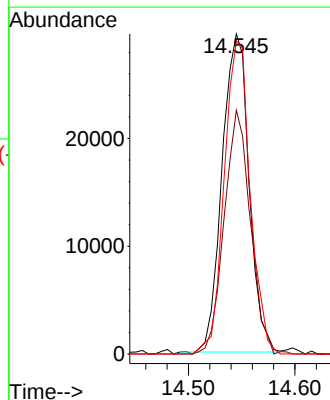
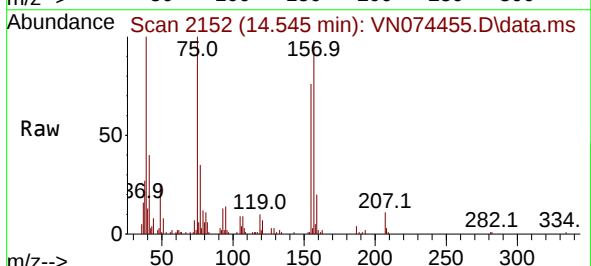
Tgt Ion: 75 Resp: 51697

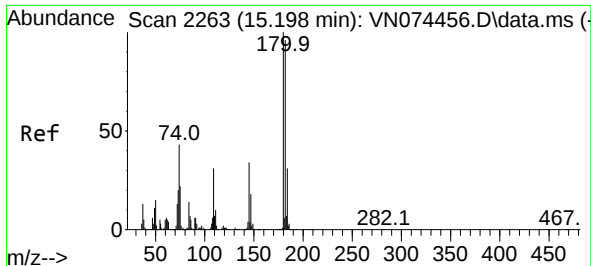
Ion Ratio Lower Upper

75 100

155 74.8 44.9 134.5

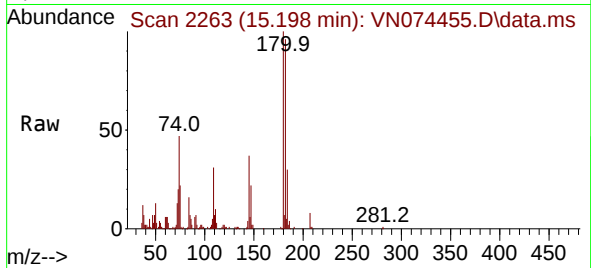
157 95.5 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 20.435 ug/l
RT: 15.198 min Scan# 2263
Delta R.T. 0.000 min
Lab File: VN074455.D
Acq: 15 Sep 2022 11:24

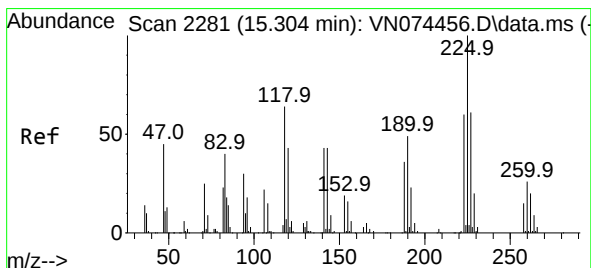
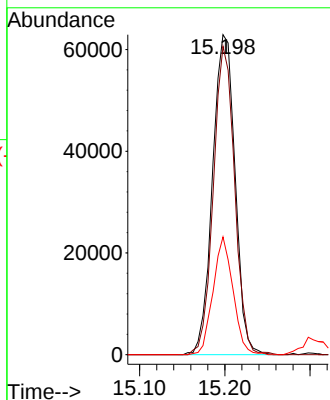
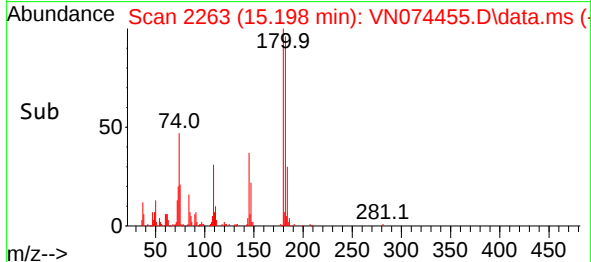
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



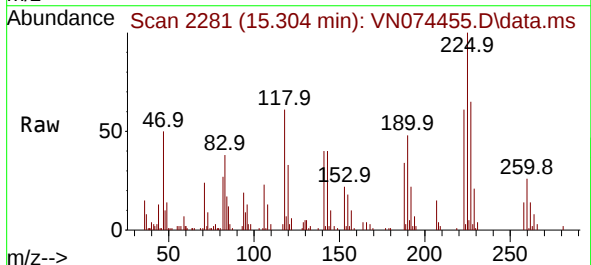
Tgt Ion:180 Resp: 115452
Ion Ratio Lower Upper
180 100
182 91.2 47.5 142.5
145 32.7 14.5 43.5

Manual Integrations
APPROVED

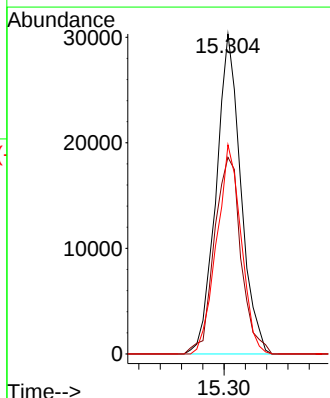
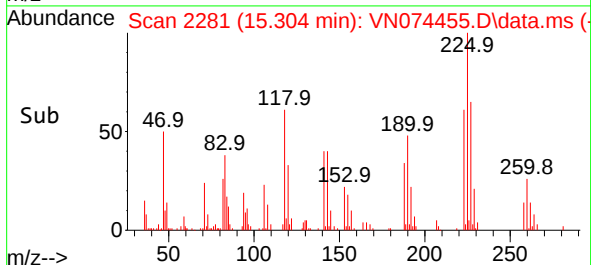
Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022

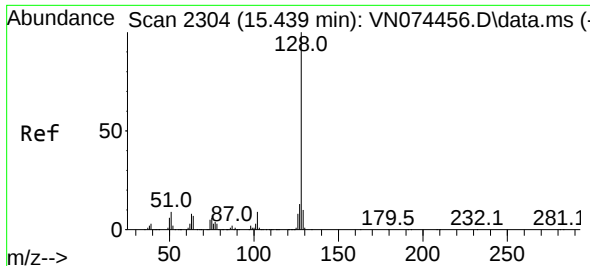


#94
Hexachlorobutadiene
Concen: 19.931 ug/l
RT: 15.304 min Scan# 2281
Delta R.T. 0.000 min
Lab File: VN074455.D
Acq: 15 Sep 2022 11:24



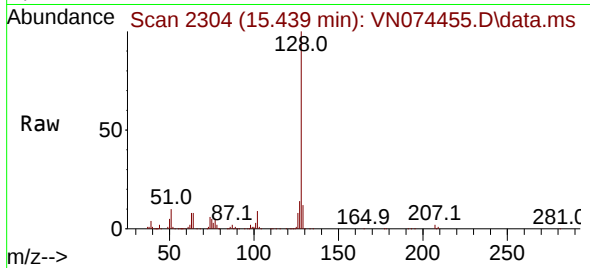
Tgt Ion:225 Resp: 48777
Ion Ratio Lower Upper
225 100
223 66.5 32.4 97.2
227 64.8 31.8 95.4





#95
Naphthalene
Concen: 20.721 ug/l
RT: 15.439 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN074455.D
Acq: 15 Sep 2022 11:24

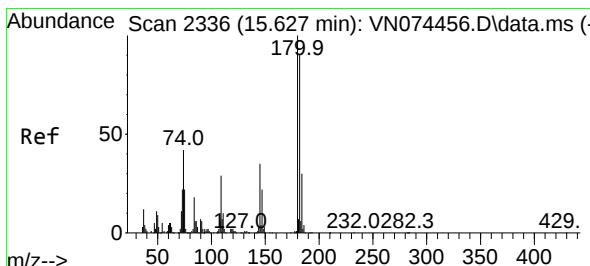
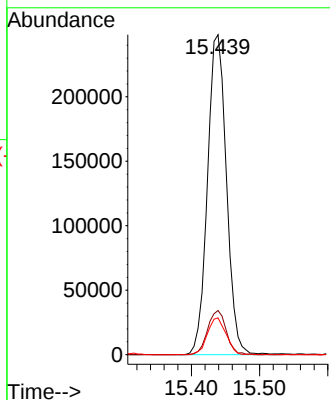
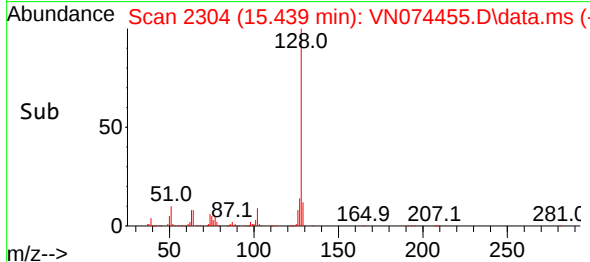
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



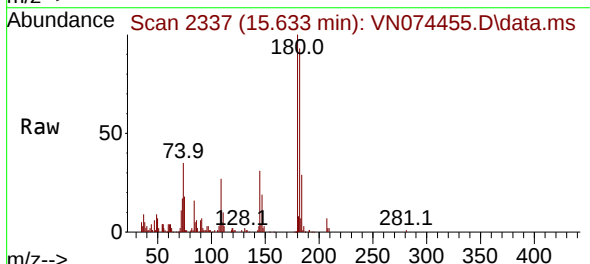
Tgt Ion:128 Resp: 48134
Ion Ratio Lower Upper
128 100
127 13.5 10.3 15.5
129 11.3 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/16/2022
Supervised By :Mahesh Dadoda 09/16/2022



#96
1,2,3-Trichlorobenzene
Concen: 19.451 ug/l
RT: 15.633 min Scan# 2337
Delta R.T. 0.006 min
Lab File: VN074455.D
Acq: 15 Sep 2022 11:24



Tgt Ion:180 Resp: 117757
Ion Ratio Lower Upper
180 100
182 94.8 47.8 143.3
145 32.6 15.5 46.5

